

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058871.D
 Acq On : 28 Aug 2023 13:18
 Operator : MA/JU
 Sample : 04121-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-W-20230822MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:40:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 01:35:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	14850	20.000	ng	-0.02
21) Naphthalene-d8	10.606	136	58833	20.000	ng	#-0.02
39) Acenaphthene-d10	14.455	164	42999	20.000	ng	-0.02
64) Phenanthrene-d10	17.199	188	115700	20.000	ng	-0.02
76) Chrysene-d12	21.441	240	107039	20.000	ng	-0.02
86) Perylene-d12	24.502	264	117703	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.377	112	131018	141.981	ng	-0.02
7) Phenol-d6	6.975	99	166855	128.877	ng	-0.03
23) Nitrobenzene-d5	8.967	82	119491	97.647	ng	-0.03
42) 2,4,6-Tribromophenol	15.947	330	110921	164.518	ng	-0.02
45) 2-Fluorobiphenyl	13.068	172	279173	94.431	ng	-0.02
79) Terphenyl-d14	19.819	244	618613	103.773	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.256	88	19383	44.677	ng	96
3) Pyridine	3.656	79	41575	36.264	ng	95
4) n-Nitrosodimethylamine	3.573	42	33361	53.525	ng	94
6) Aniline	7.134	93	20190	12.757	ng	93
8) 2-Chlorophenol	7.369	128	51199	54.873	ng	99
9) Benzaldehyde	6.946	77	3603	4.961	ng	# 1
10) Phenol	7.005	94	64171	51.401	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	49651	50.969	ng	99
12) 1,3-Dichlorobenzene	7.692	146	57359	57.876	ng	99
13) 1,4-Dichlorobenzene	7.839	146	56991	56.866	ng	94
14) 1,2-Dichlorobenzene	8.156	146	54273	56.030	ng	98
15) Benzyl Alcohol	8.045	79	53799	58.119	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.327	45	109926	52.950	ng	99
17) 2-Methylphenol	8.250	107	45419	49.533	ng	99
18) Hexachloroethane	8.879	117	22930	62.797	ng	97
19) n-Nitroso-di-n-propyla...	8.609	70	40340	48.202	ng	93
20) 3+4-Methylphenols	8.579	107	62779	50.925	ng	97
22) Acetophenone	8.626	105	85317	53.571	ng	99
24) Nitrobenzene	9.008	77	63177	51.908	ng	95
25) Isophorone	9.531	82	122345	50.275	ng	99
26) 2-Nitrophenol	9.725	139	28126	55.255	ng	94
27) 2,4-Dimethylphenol	9.784	122	48147	55.811	ng	98
28) bis(2-Chloroethoxy)met...	10.013	93	65641	50.923	ng	98
29) 2,4-Dichlorophenol	10.260	162	52113	58.787	ng	98
30) 1,2,4-Trichlorobenzene	10.465	180	59861	55.920	ng	96
31) Naphthalene	10.659	128	577500	186.948	ng	100
32) Benzoic acid	9.948	122	30638	56.762	ng	98
33) 4-Chloroaniline	10.783	127	8629	6.623	ng	94
34) Hexachlorobutadiene	10.929	225	39848	55.154	ng	97
35) Caprolactam	11.634	113	16407m	51.650	ng	
36) 4-Chloro-3-methylphenol	11.905	107	63426	57.534	ng	97
37) 2-Methylnaphthalene	12.269	142	206096	92.891	ng	99
38) 1-Methylnaphthalene	12.492	142	175379	83.273	ng	99
40) 1,2,4,5-Tetrachloroben...	12.639	216	67395	50.841	ng	99
41) Hexachlorocyclopentadiene	12.616	237	62862	116.084	ng	98
43) 2,4,6-Trichlorophenol	12.886	196	49278	58.422	ng	97

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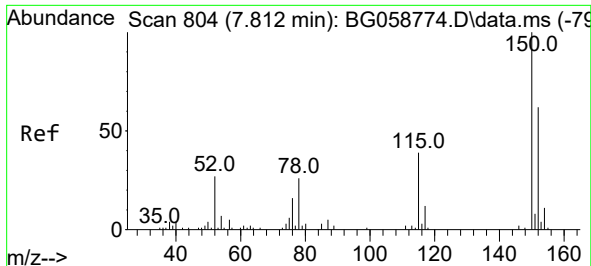
Manual Integrations
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 Supervised By :mohammad ahmed 08/29/2023

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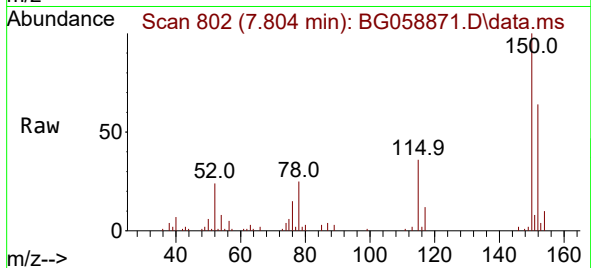
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	54652	54.107	ng	97
46) 1,1'-Biphenyl	13.285	154	162559	54.879	ng	98
47) 2-Chloronaphthalene	13.327	162	122789	53.193	ng	99
48) 2-Nitroaniline	13.538	65	46274	52.782	ng	95
49) Acenaphthylene	14.179	152	244885	63.971	ng	98
50) Dimethylphthalate	13.914	163	176340	52.966	ng	99
51) 2,6-Dinitrotoluene	14.038	165	39120	55.930	ng	98
52) Acenaphthene	14.513	154	134719	60.222	ng	95
53) 3-Nitroaniline	14.372	138	8351	12.379	ng	# 89
54) 2,4-Dinitrophenol	14.584	184	50877	125.829	ng	94
55) Dibenzofuran	14.854	168	204468	52.987	ng	99
56) 4-Nitrophenol	14.696	139	60182	120.902	ng	96
57) 2,4-Dinitrotoluene	14.831	165	60062	61.566	ng	95
58) Fluorene	15.501	166	177414	57.770	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.083	232	52342	63.503	ng	98
60) Diethylphthalate	15.271	149	186538	54.343	ng	99
61) 4-Chlorophenyl-phenyle...	15.495	204	91123	53.533	ng	96
62) 4-Nitroaniline	15.536	138	28104	41.051	ng	89
63) Azobenzene	15.788	77	160335	50.869	ng	96
65) 4,6-Dinitro-2-methylph...	15.600	198	36231	55.400	ng	100
66) n-Nitrosodiphenylamine	15.712	169	134671	45.161	ng	97
67) 4-Bromophenyl-phenylether	16.388	248	62716	49.397	ng	98
68) Hexachlorobenzene	16.505	284	73575	53.844	ng	97
69) Atrazine	16.658	200	23254	22.035	ng	99
70) Pentachlorophenol	16.858	266	81395	113.596	ng	95
71) Phenanthrene	17.240	178	314257	56.578	ng	99
72) Anthracene	17.334	178	298901	53.655	ng	99
73) Carbazole	17.610	167	254653	49.918	ng	99
74) Di-n-butylphthalate	18.156	149	355076	55.176	ng	99
75) Fluoranthene	19.255	202	380852	55.292	ng	97
78) Pyrene	19.619	202	392066	52.569	ng	99
80) Butylbenzylphthalate	20.506	149	160649	53.111	ng	99
81) Benzo(a)anthracene	21.423	228	393989	52.878	ng	97
82) 3,3'-Dichlorobenzidine	21.352	252	5043	1.960	ng	# 90
83) Chrysene	21.488	228	363549	50.621	ng	99
84) Bis(2-ethylhexyl)phtha...	21.323	149	229322	51.692	ng	100
85) Di-n-octyl phthalate	22.469	149	396590	51.975	ng	100
87) Indeno(1,2,3-cd)pyrene	28.004	276	463098	58.153	ng	# 94
88) Benzo(b)fluoranthene	23.532	252	403834	61.836	ng	98
89) Benzo(k)fluoranthene	23.597	252	388884	57.739	ng	99
90) Benzo(a)pyrene	24.361	252	342031	53.189	ng	99
91) Dibenzo(a,h)anthracene	28.051	278	392621	60.000	ng	99
92) Benzo(g,h,i)perylene	29.096	276	371530	56.788	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 804
Delta R.T. -0.021 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

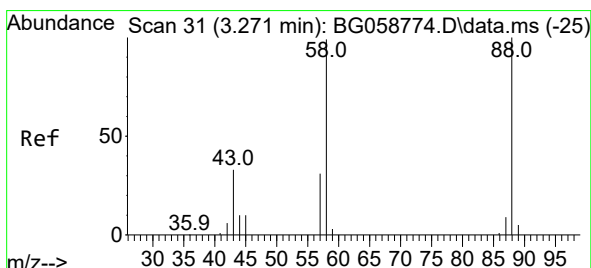
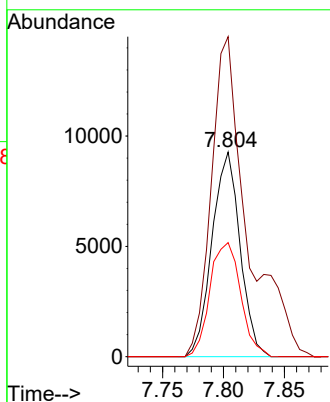
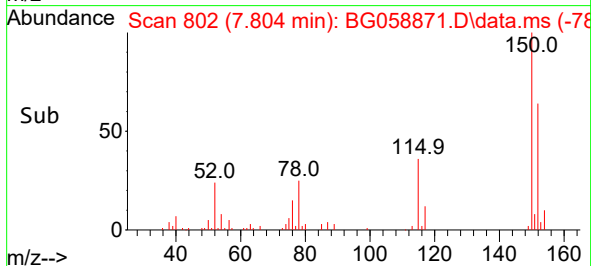
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:152 Resp: 14850
Ion Ratio Lower Upper
152 100
150 156.4 128.6 192.8
115 55.8 50.4 75.6

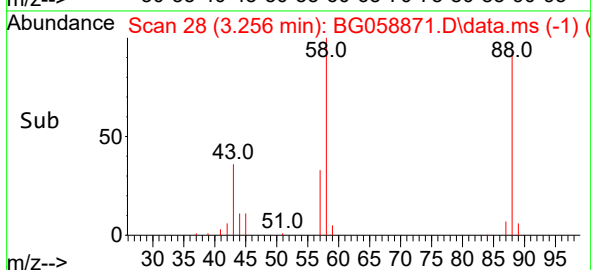
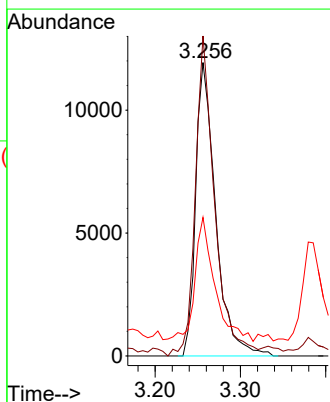
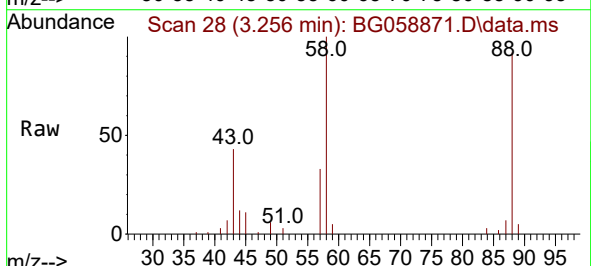
Manual Integrations
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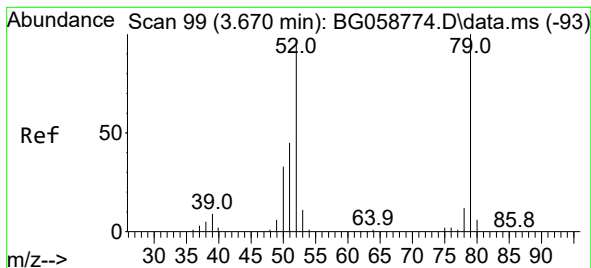
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#2
1,4-Dioxane
Concen: 44.677 ng
RT: 3.256 min Scan# 28
Delta R.T. -0.028 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion: 88 Resp: 19383
Ion Ratio Lower Upper
88 100
58 105.8 82.8 124.2
43 42.2 30.1 45.1





#3

Pyridine

Concen: 36.264 ng

RT: 3.656 min Scan# 90

Delta R.T. -0.028 min

Lab File: BG058871.D

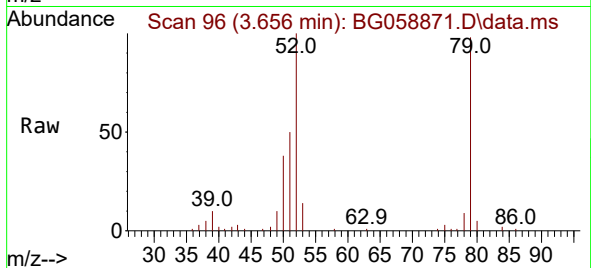
Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD



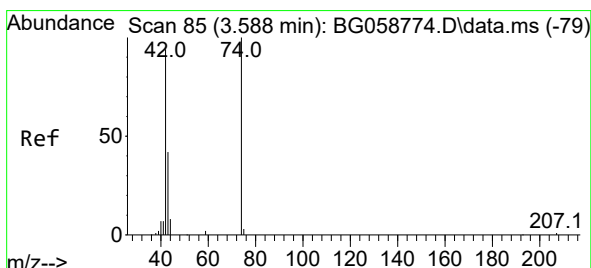
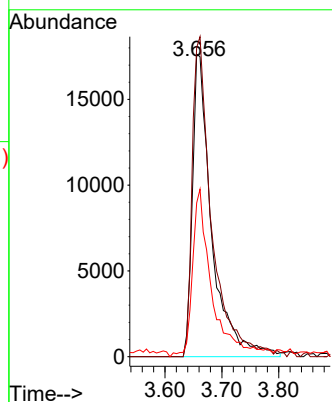
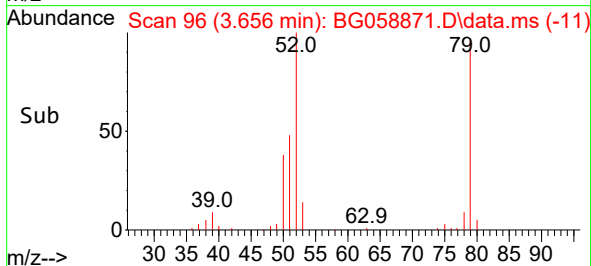
Tgt Ion:	79	Resp:	4157
Ion Ratio	Lower	Upper	
79	100		
52	102.2	77.6	116.4
51	50.8	37.5	56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 53.525 ng

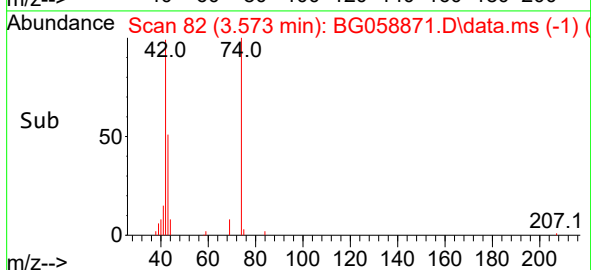
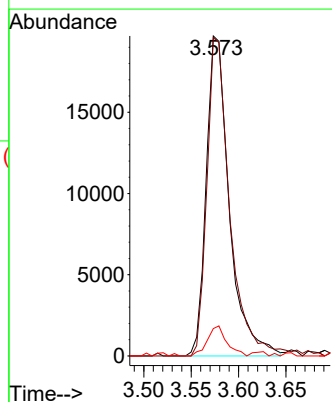
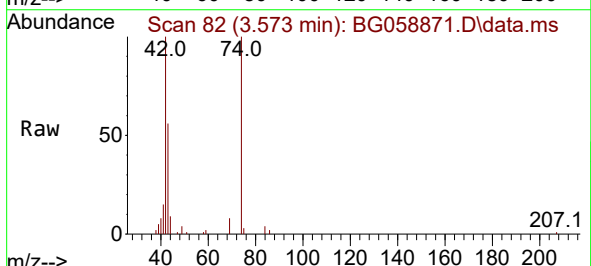
RT: 3.573 min Scan# 82

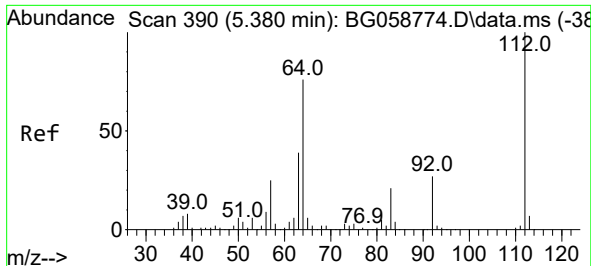
Delta R.T. -0.034 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

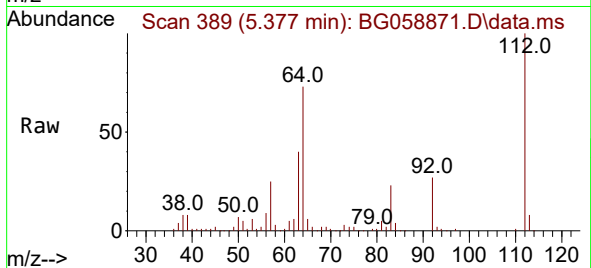
Tgt Ion:	42	Resp:	33361
Ion Ratio	Lower	Upper	
42	100		
74	99.5	85.1	127.7
44	8.6	6.9	10.3





#5
2-Fluorophenol
Concen: 141.981 ng
RT: 5.377 min Scan# 390
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

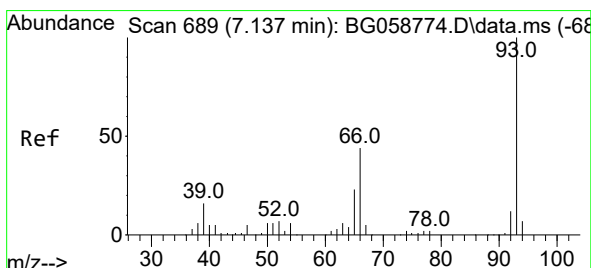
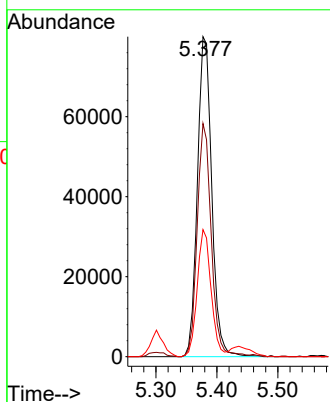
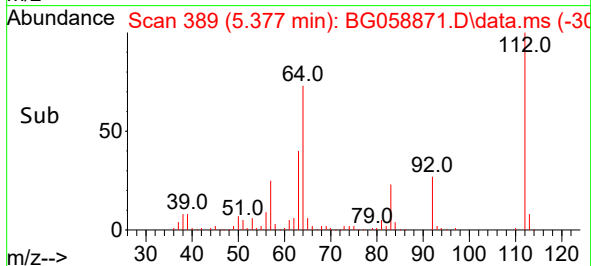
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BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:112 Resp: 131018
Ion Ratio Lower Upper
112 100
64 72.9 60.6 90.8
63 39.7 31.0 46.4

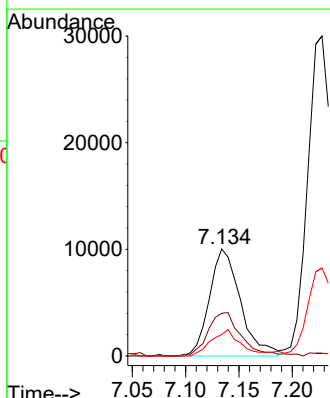
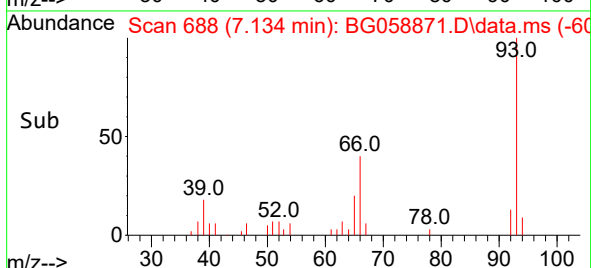
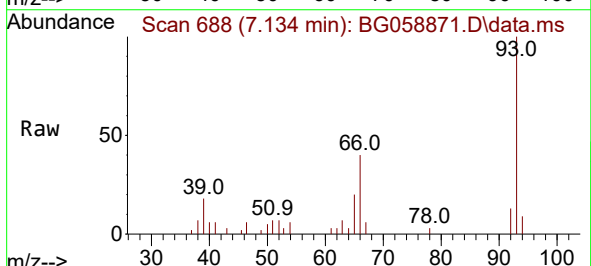
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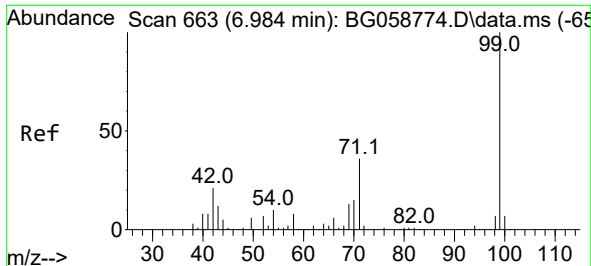
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#6
Aniline
Concen: 12.757 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

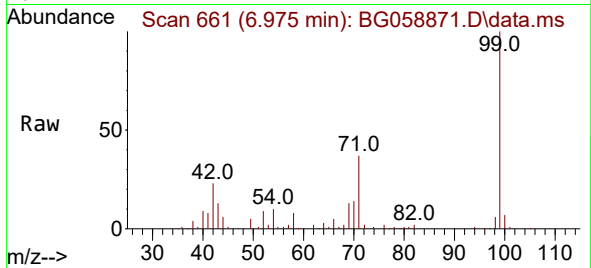
Tgt Ion: 93 Resp: 20190
Ion Ratio Lower Upper
93 100
66 39.9 35.7 53.5
65 20.0 18.2 27.2





#7
Phenol-d6
Concen: 128.877 ng
RT: 6.975 min Scan# 60
Delta R.T. -0.028 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

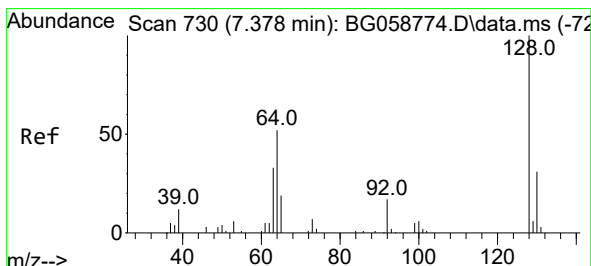
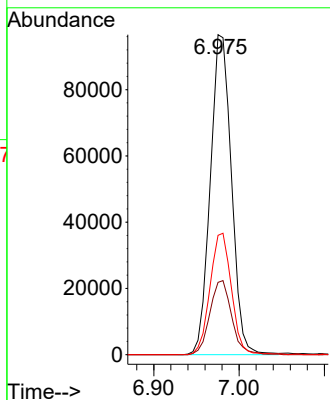
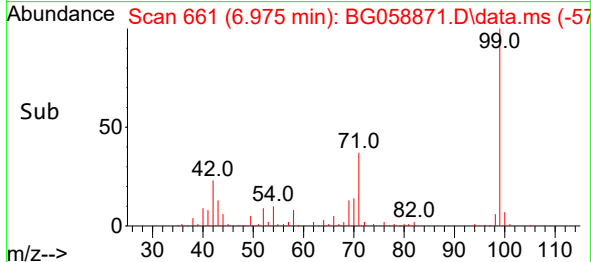
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BNA_G
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IDW-W-20230822MSD



Tgt Ion: 99 Resp: 16685
Ion Ratio Lower Upper
99 100
42 22.6 16.5 24.7
71 37.3 28.4 42.6

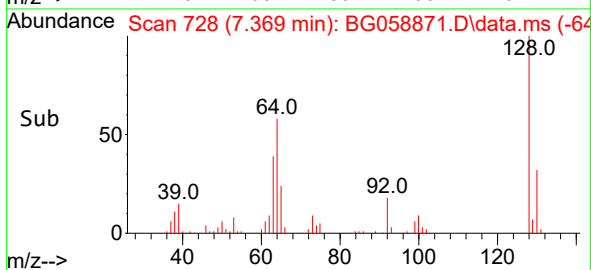
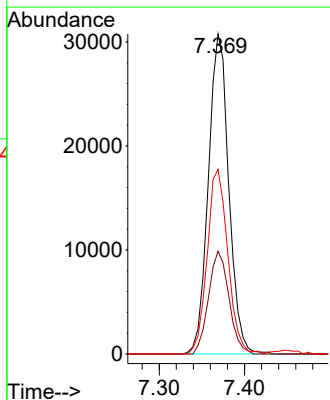
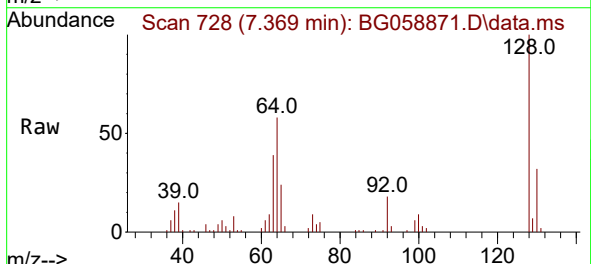
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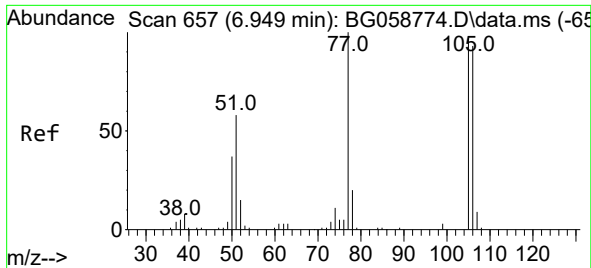
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#8
2-Chlorophenol
Concen: 54.873 ng
RT: 7.369 min Scan# 728
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion:128 Resp: 51199
Ion Ratio Lower Upper
128 100
130 32.1 10.9 50.9
64 57.7 38.4 78.4





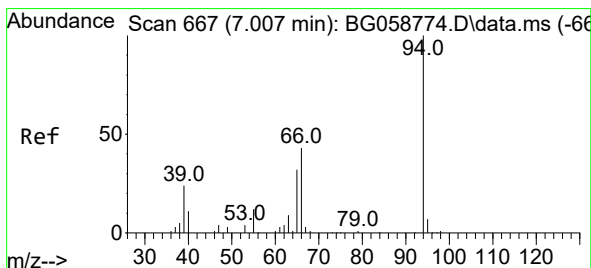
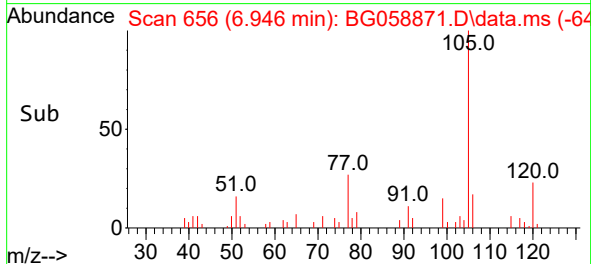
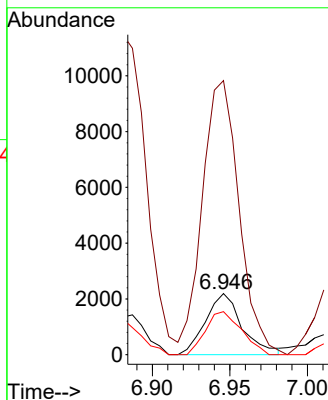
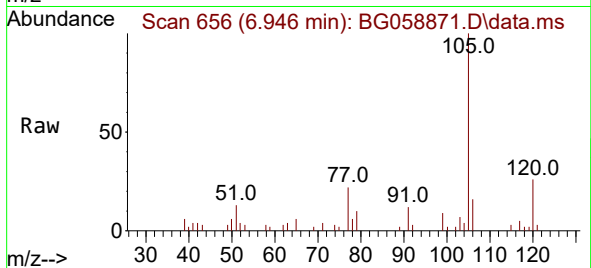
#9
Benzaldehyde
Concen: 4.961 ng
RT: 6.946 min Scan# 657
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD

Tgt Ion: 77 Resp: 360
Ion Ratio Lower Upper
77 100
105 447.8 76.7 116.7
106 70.4 73.4 113.4

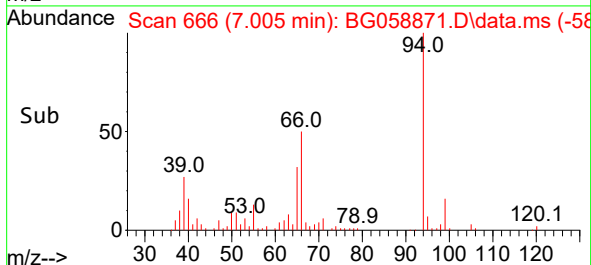
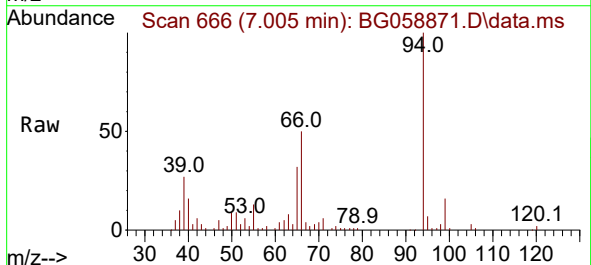
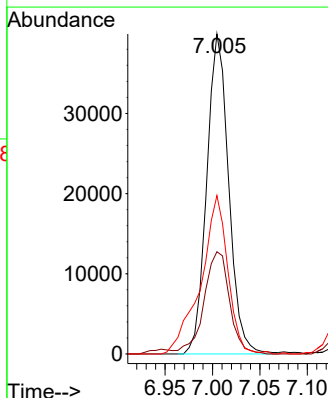
Manual Integrations
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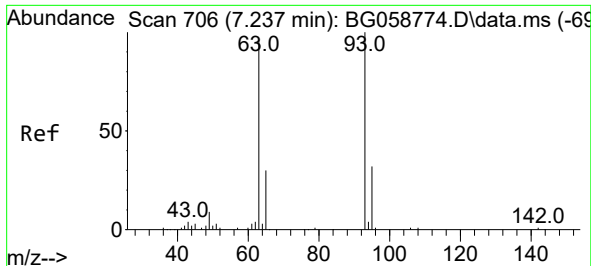
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#10
Phenol
Concen: 51.401 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion: 94 Resp: 64171
Ion Ratio Lower Upper
94 100
65 31.9 12.6 52.6
66 49.5 26.6 66.6





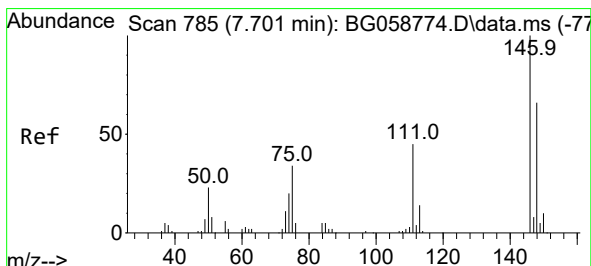
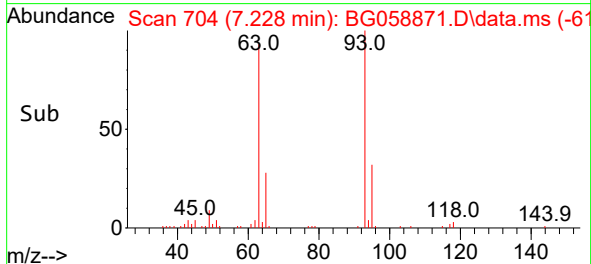
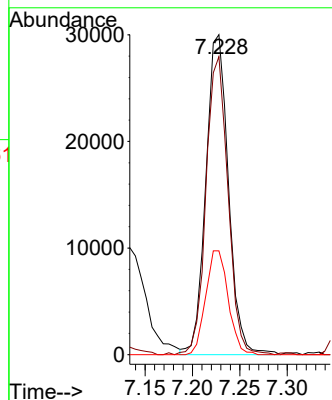
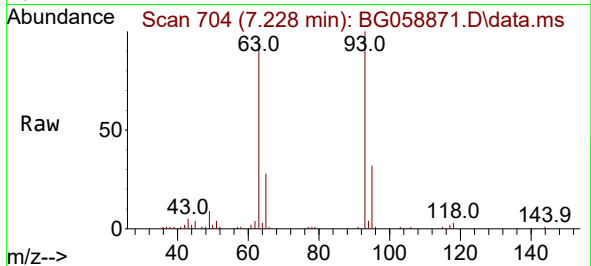
#11
bis(2-Chloroethyl)ether
Concen: 50.969 ng
RT: 7.228 min Scan# 706
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD

Tgt Ion: 93 Resp: 4965
Ion Ratio Lower Upper
93 100
63 93.2 74.8 114.8
95 32.5 12.1 52.1

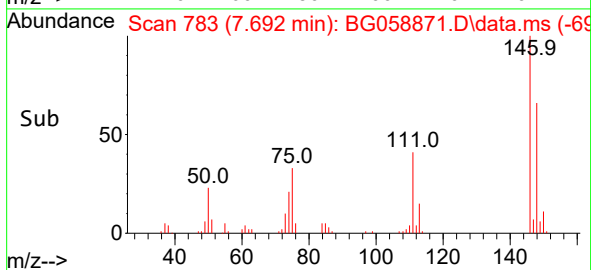
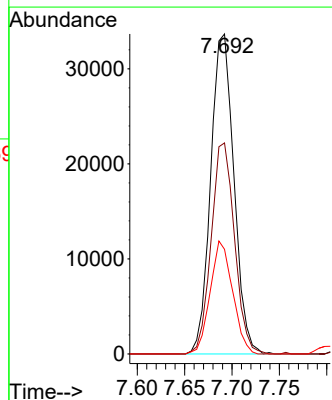
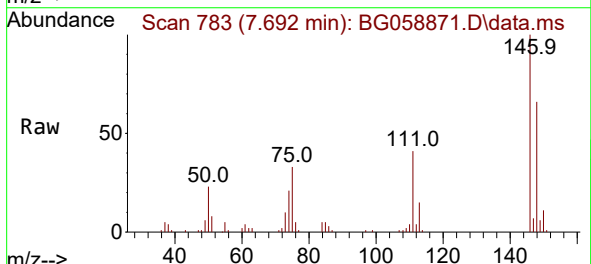
Manual Integrations
APPROVED

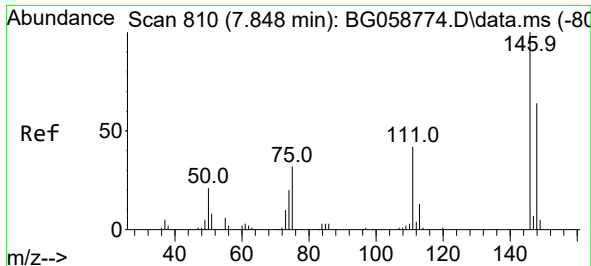
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#12
1,3-Dichlorobenzene
Concen: 57.876 ng
RT: 7.692 min Scan# 783
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion:146 Resp: 57359
Ion Ratio Lower Upper
146 100
148 65.9 52.4 78.6
75 32.7 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 56.866 ng

RT: 7.839 min Scan# 80

Delta R.T. -0.022 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD

Tgt Ion:146 Resp: 5699

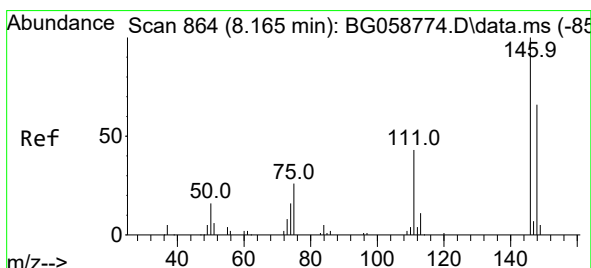
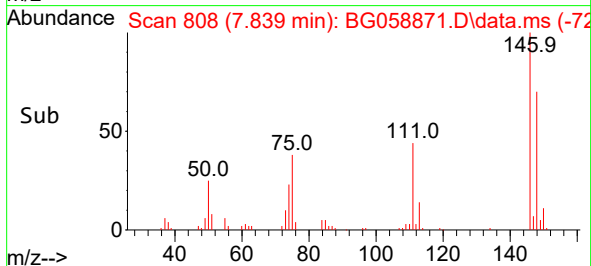
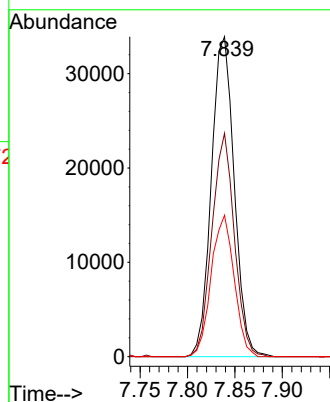
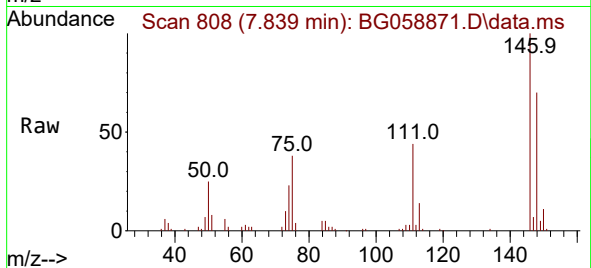
Ion	Ratio	Lower	Upper
146	100		
148	69.8	51.3	76.9
111	44.2	33.8	50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#14

1,2-Dichlorobenzene

Concen: 56.030 ng

RT: 8.156 min Scan# 862

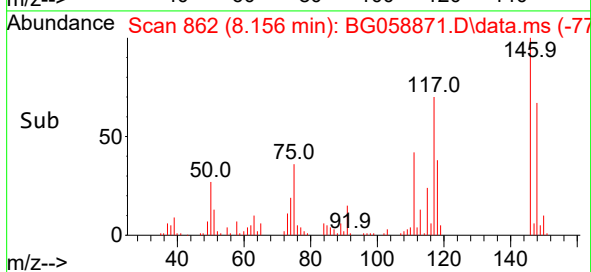
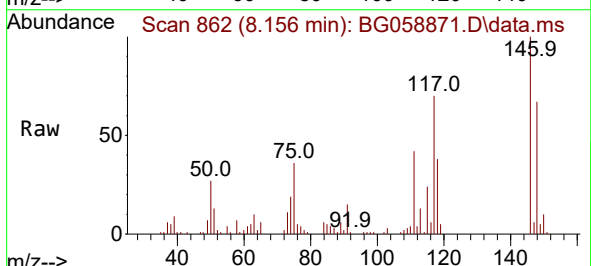
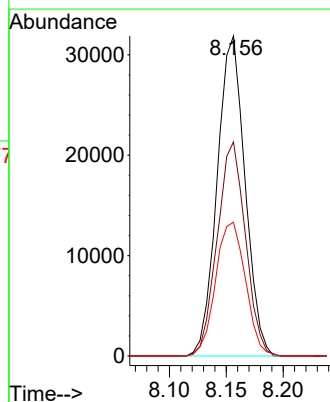
Delta R.T. -0.022 min

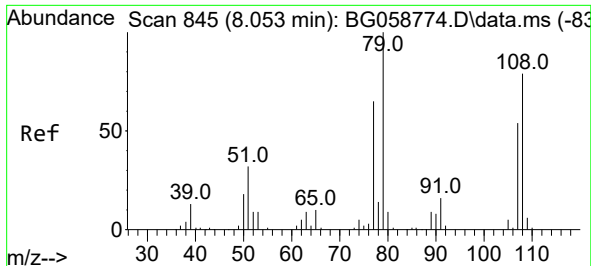
Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Tgt Ion:146 Resp: 54273

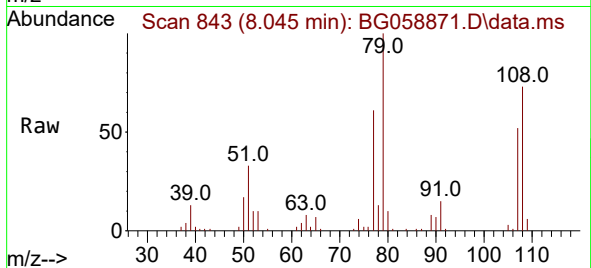
Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.9	79.3
111	41.8	35.5	53.3





#15
Benzyl Alcohol
Concen: 58.119 ng
RT: 8.045 min Scan# 845
Delta R.T. -0.028 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

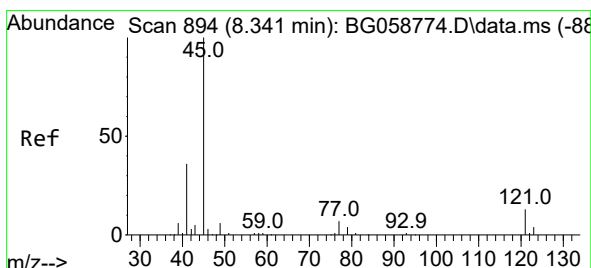
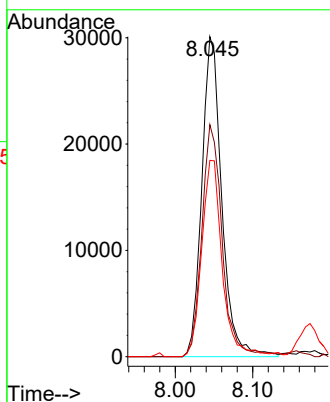
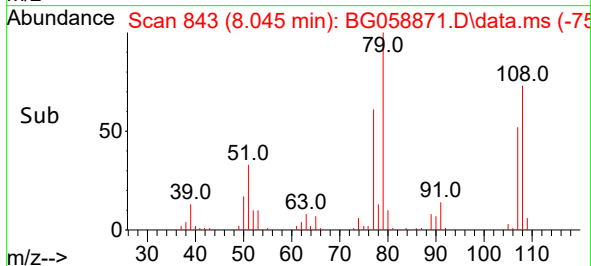
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion: 79 Resp: 53795
Ion Ratio Lower Upper
79 100
108 72.5 63.4 95.0
77 61.4 52.2 78.2

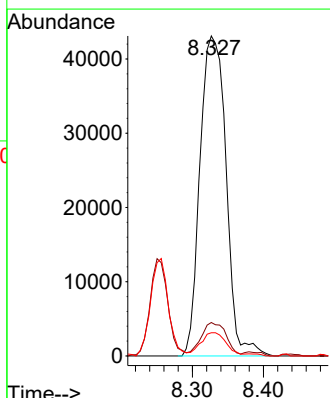
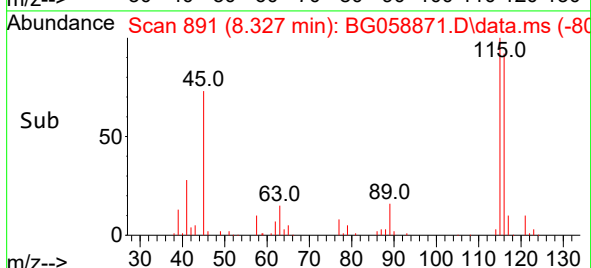
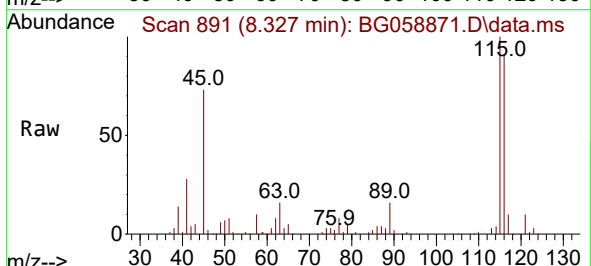
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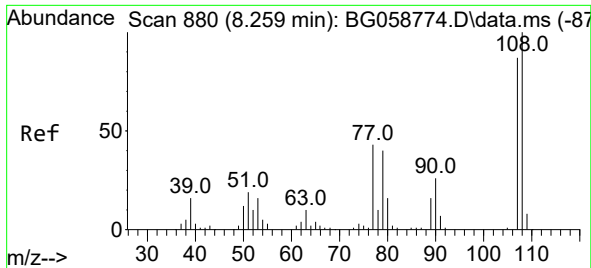
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.950 ng
RT: 8.327 min Scan# 891
Delta R.T. -0.034 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

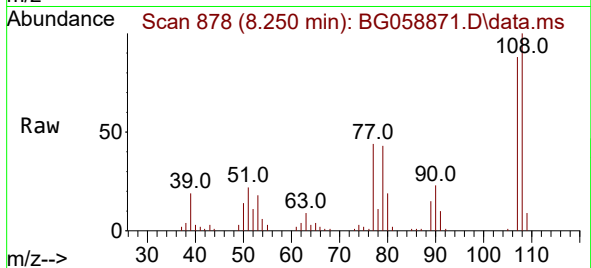
Tgt Ion: 45 Resp: 109926
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.3
79 7.3 0.0 27.7





#17
2-Methylphenol
Concen: 49.533 ng
RT: 8.250 min Scan# 81
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

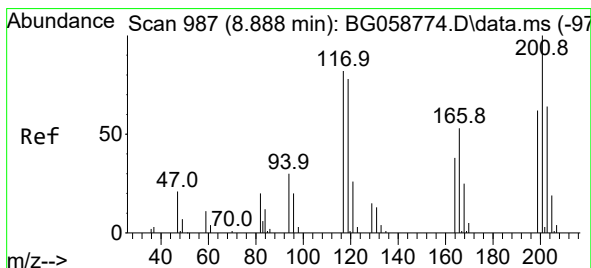
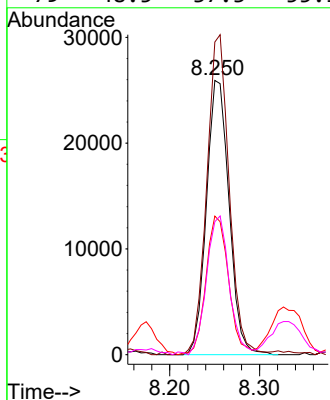
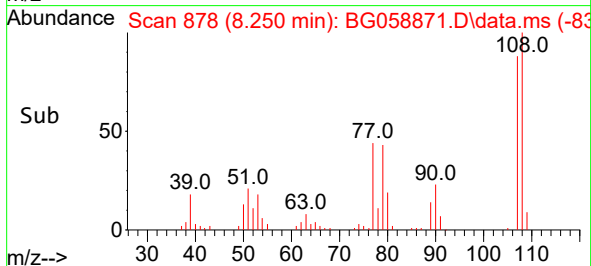
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:107 Resp: 45419
Ion Ratio Lower Upper
107 100
108 114.0 92.2 138.2
77 50.5 40.0 60.0
79 48.5 37.3 55.9

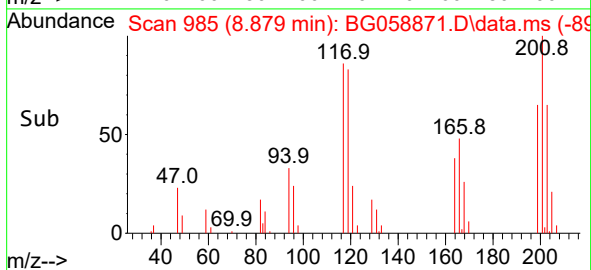
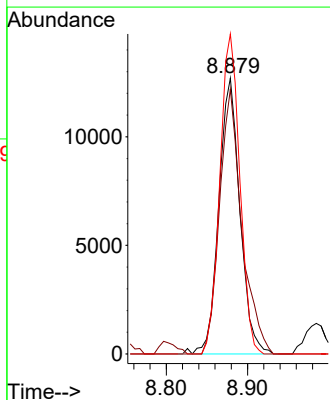
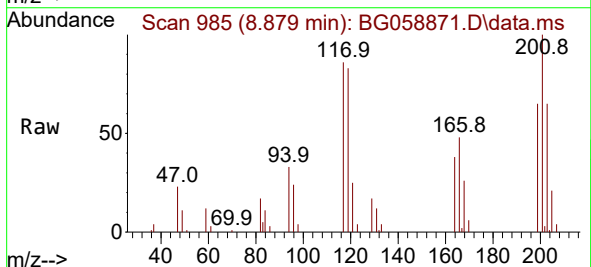
Manual Integrations
APPROVED

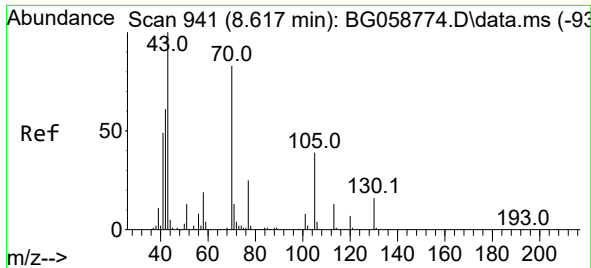
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#18
Hexachloroethane
Concen: 62.797 ng
RT: 8.879 min Scan# 985
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

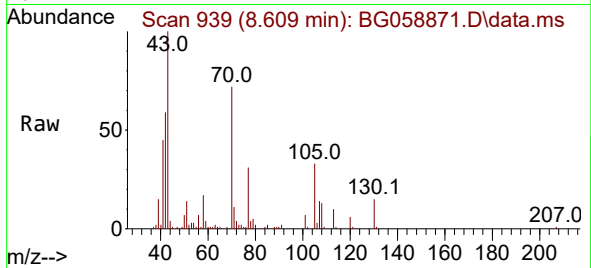
Tgt Ion:117 Resp: 22930
Ion Ratio Lower Upper
117 100
119 96.0 76.6 115.0
201 116.0 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 48.202 ng
RT: 8.609 min Scan# 91
Delta R.T. -0.028 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

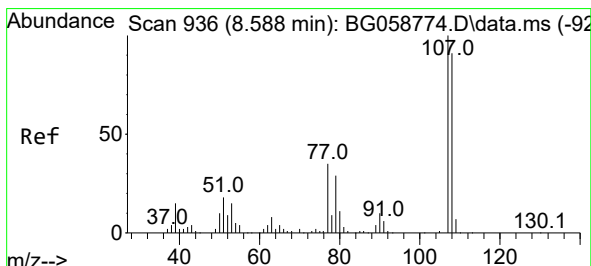
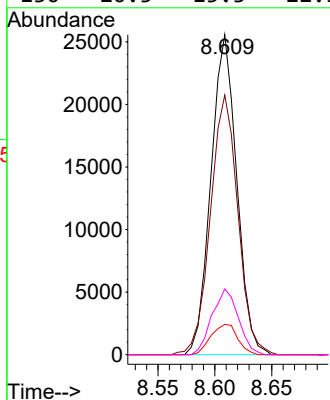
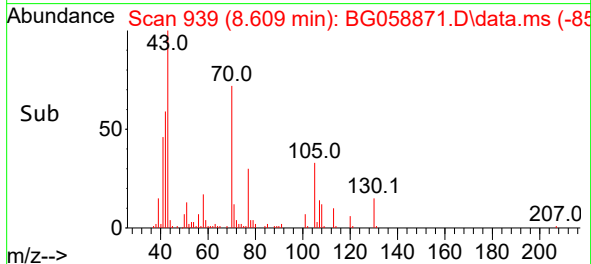
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion: 70 Resp: 40340
Ion Ratio Lower Upper
70 100
42 81.2 59.2 88.8
101 9.4 8.2 12.2
130 20.5 15.3 22.9

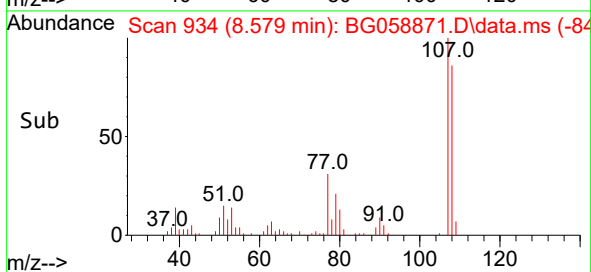
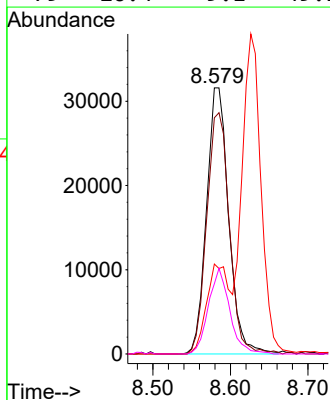
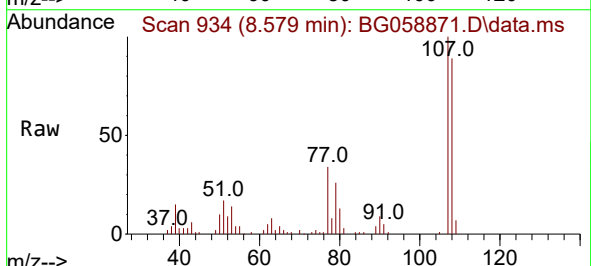
Manual Integrations
APPROVED

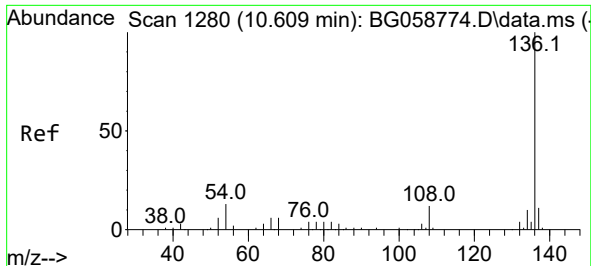
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#20
3+4-Methylphenols
Concen: 50.925 ng
RT: 8.579 min Scan# 934
Delta R.T. -0.028 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion:107 Resp: 62779
Ion Ratio Lower Upper
107 100
108 88.7 70.6 110.6
77 33.8 14.8 54.8
79 26.4 9.1 49.1





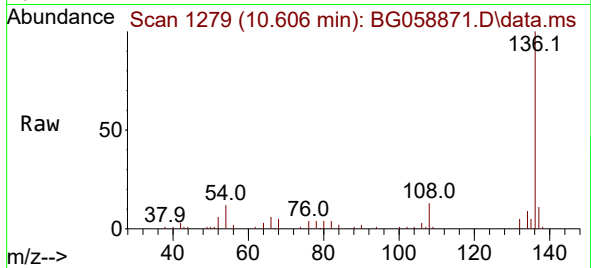
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 1280
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD

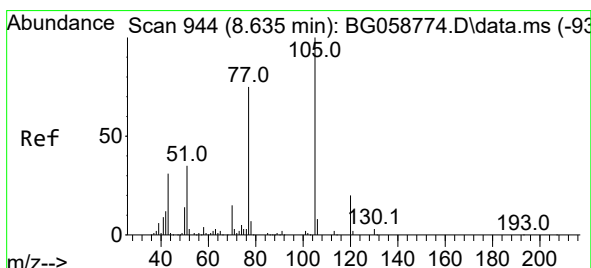
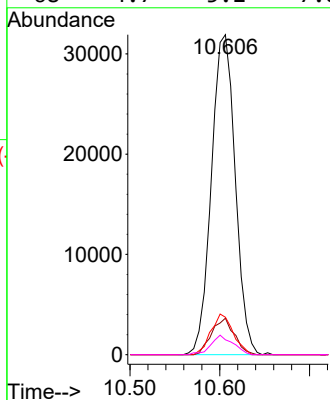
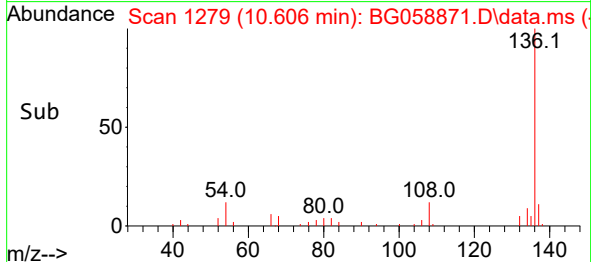


Tgt Ion:136 Resp: 5883
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.7 10.1 15.1
68 4.7 5.2 7.8#

Manual Integrations

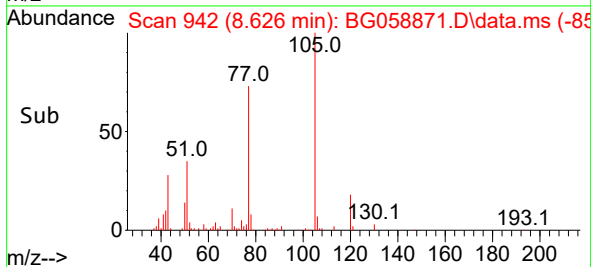
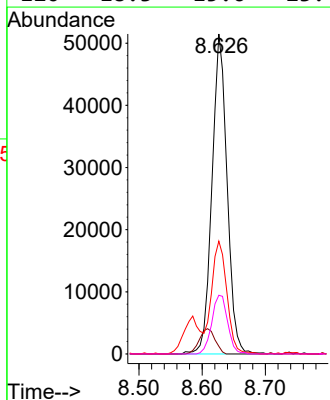
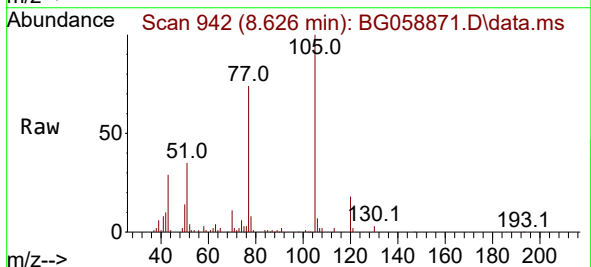
APPROVED

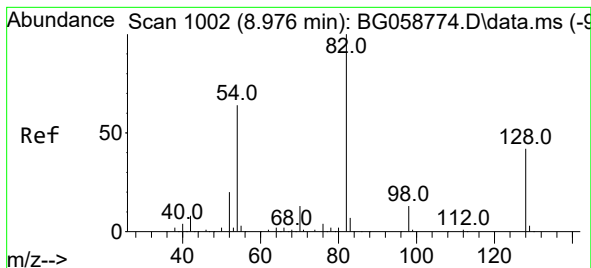
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#22
Acetophenone
Concen: 53.571 ng
RT: 8.626 min Scan# 942
Delta R.T. -0.028 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion:105 Resp: 85317
Ion Ratio Lower Upper
105 100
71 2.4 2.2 3.2
51 35.3 28.5 42.7
120 18.3 15.6 23.4





#23

Nitrobenzene-d5

Concen: 97.647 ng

RT: 8.967 min Scan# 1000

Delta R.T. -0.028 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD

Tgt Ion: 82 Resp: 11949

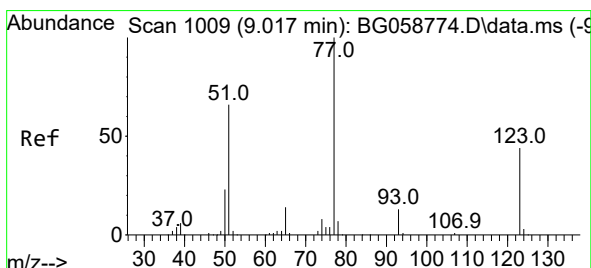
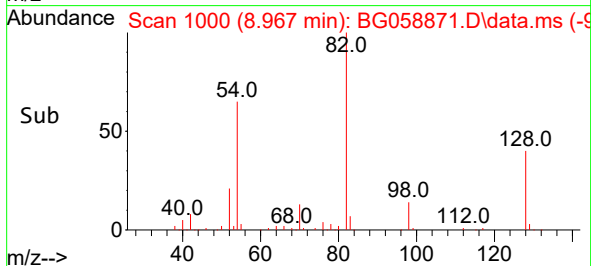
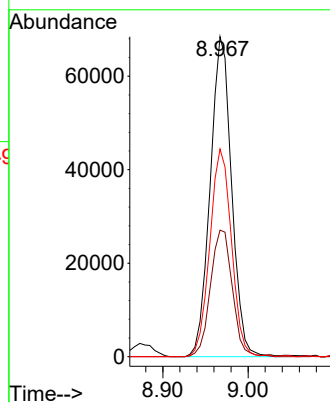
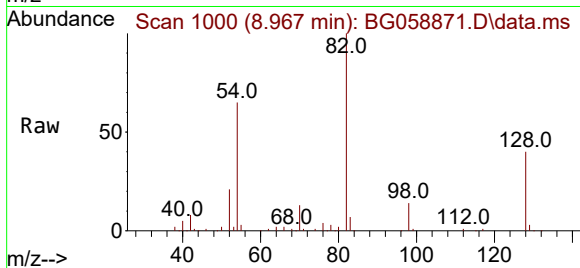
Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.2	49.8
54	64.9	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#24

Nitrobenzene

Concen: 51.908 ng

RT: 9.008 min Scan# 1007

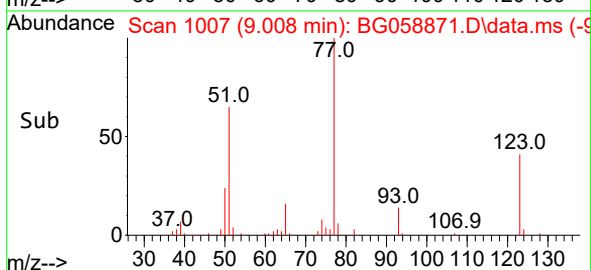
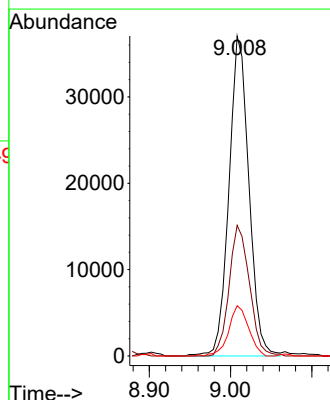
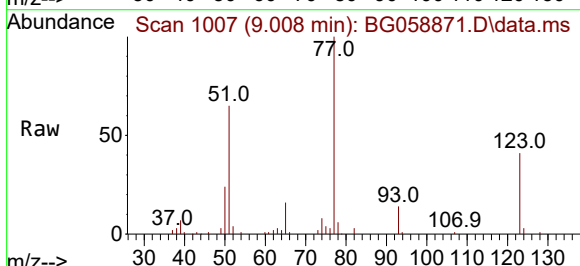
Delta R.T. -0.028 min

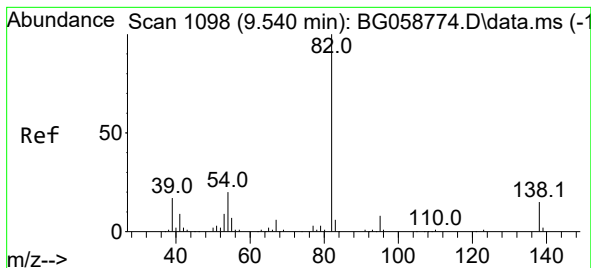
Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Tgt Ion: 77 Resp: 63177

Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.9	52.3
65	15.7	10.9	16.3





#25

Isophorone

Concen: 50.275 ng

RT: 9.531 min Scan# 1096

Delta R.T. -0.022 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD

Tgt Ion: 82 Resp: 122345

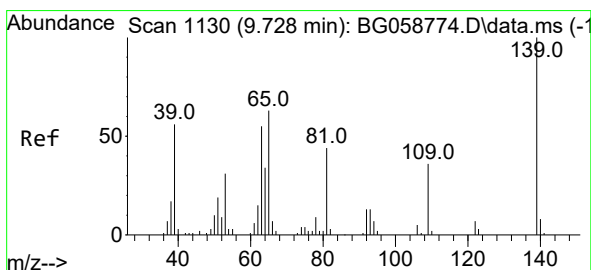
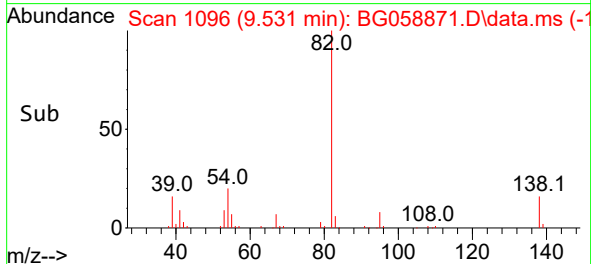
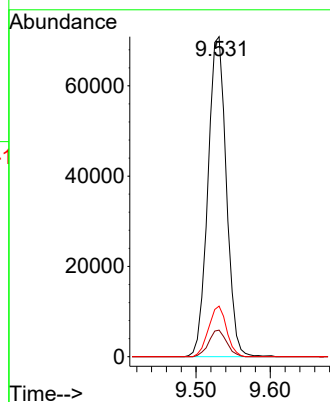
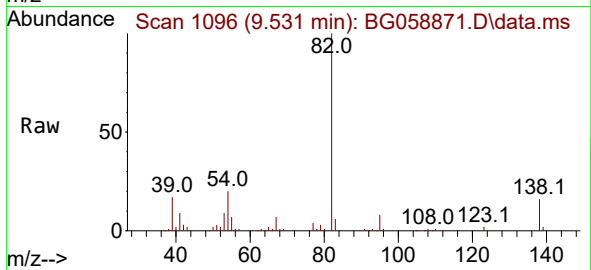
Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.1	9.1
138	15.8	12.2	18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#26

2-Nitrophenol

Concen: 55.255 ng

RT: 9.725 min Scan# 1129

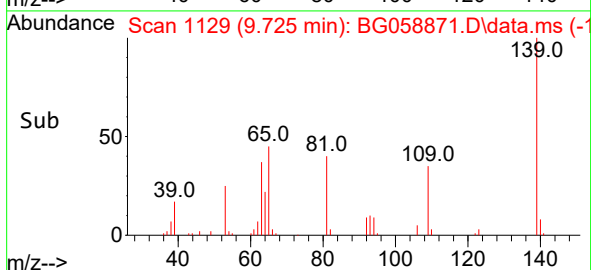
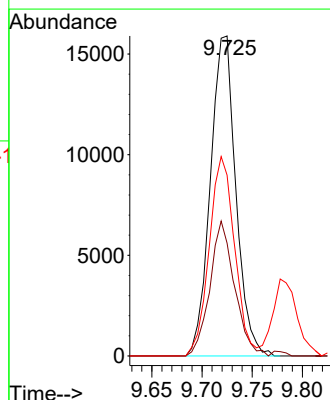
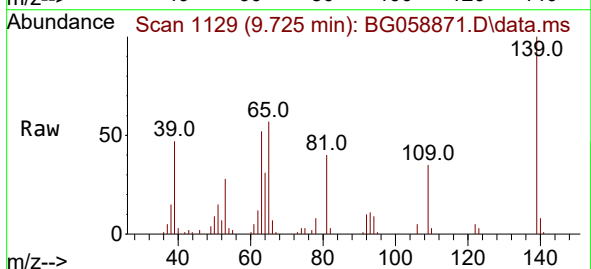
Delta R.T. -0.022 min

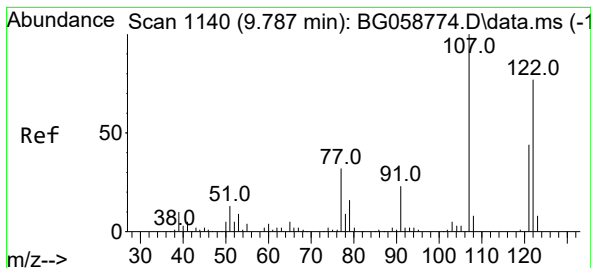
Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Tgt Ion:139 Resp: 28126

Ion	Ratio	Lower	Upper
139	100		
109	35.2	28.7	43.1
65	56.5	50.6	76.0





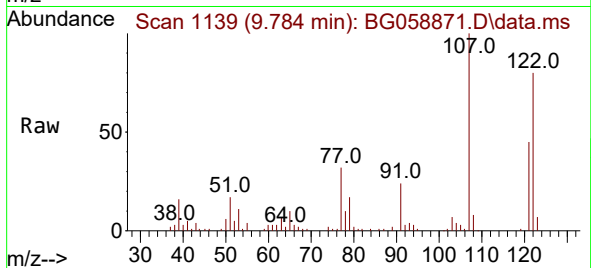
#27
2,4-Dimethylphenol
Concen: 55.811 ng
RT: 9.784 min Scan# 1140
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD



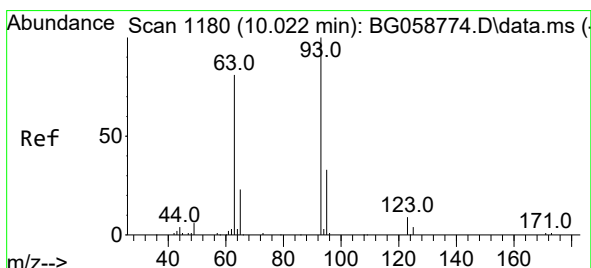
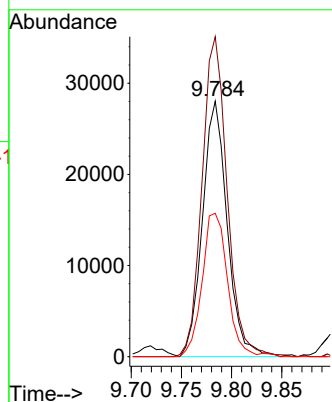
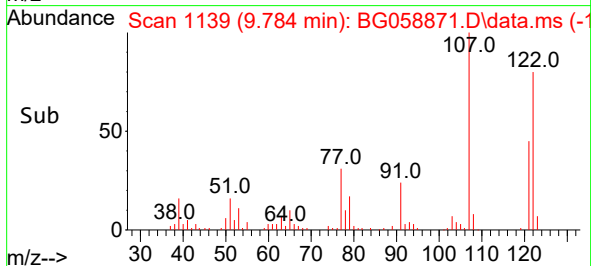
Tgt Ion:122 Resp: 4814
Ion Ratio Lower Upper
122 100
107 125.2 102.6 154.0
121 56.1 45.0 67.4

Manual Integrations

APPROVED

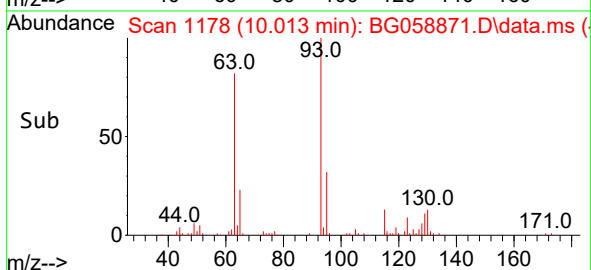
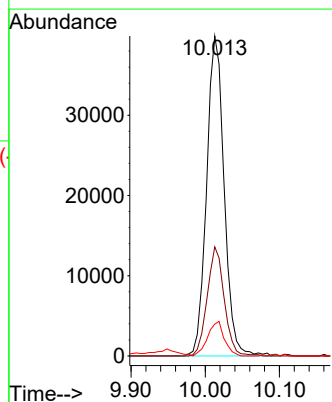
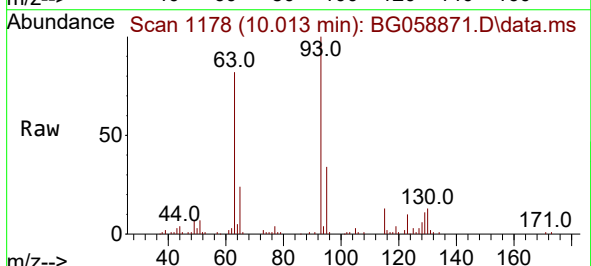
Reviewed By :Yogesh Patel 08/29/2023

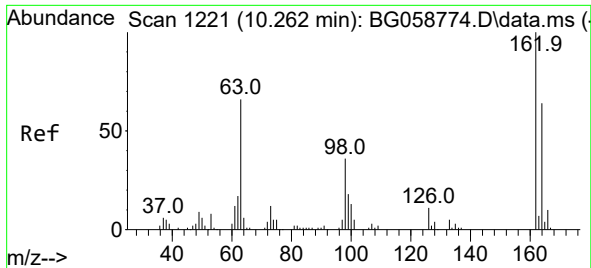
Supervised By :mohammad ahmed 08/29/2023



#28
bis(2-Chloroethoxy)methane
Concen: 50.923 ng
RT: 10.013 min Scan# 1178
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion: 93 Resp: 65641
Ion Ratio Lower Upper
93 100
95 34.1 26.2 39.4
123 10.0 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 58.787 ng

RT: 10.260 min Scan# 1221

Delta R.T. -0.022 min

Lab File: BG058871.D

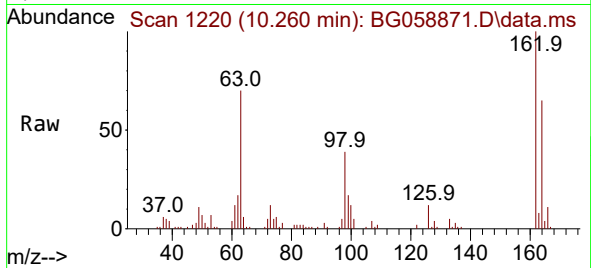
Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD



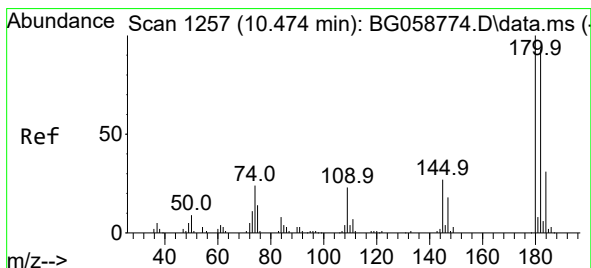
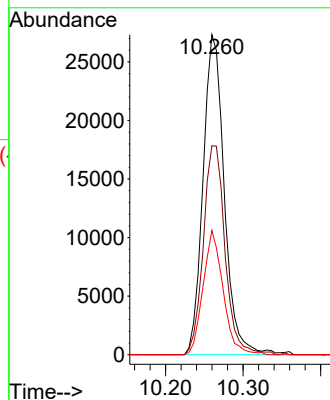
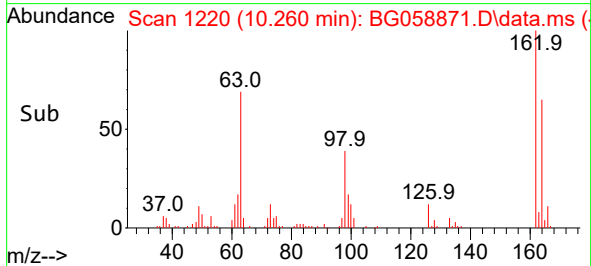
Tgt Ion:	162	Resp:	5211
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.4	84.4
98	38.8	16.1	56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 55.920 ng

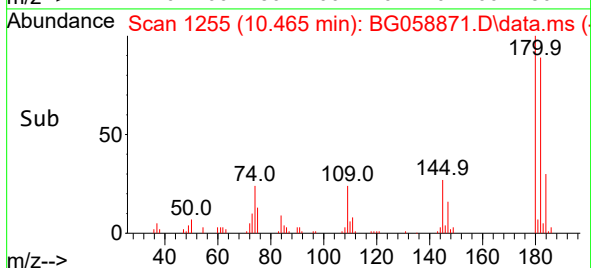
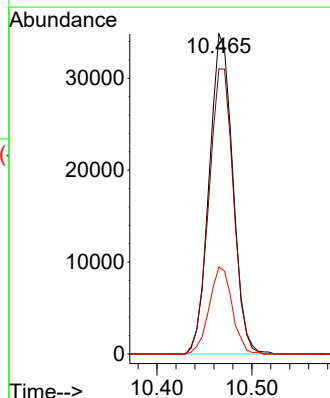
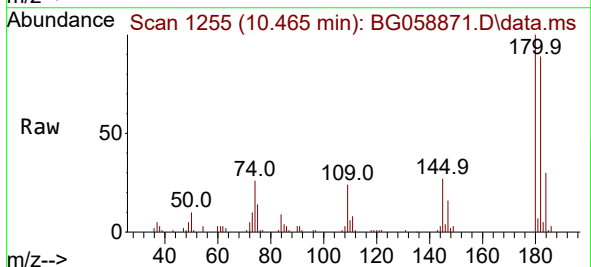
RT: 10.465 min Scan# 1255

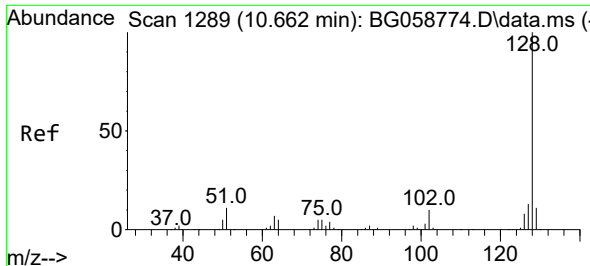
Delta R.T. -0.028 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Tgt Ion:	180	Resp:	59861
Ion Ratio	Lower	Upper	
180	100		
182	89.1	74.6	112.0
145	27.2	21.4	32.0





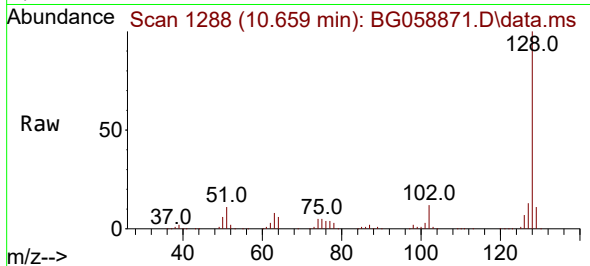
#31
Naphthalene
Concen: 186.948 ng
RT: 10.659 min Scan# 1167
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD

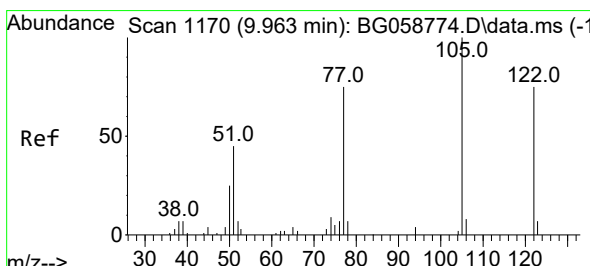
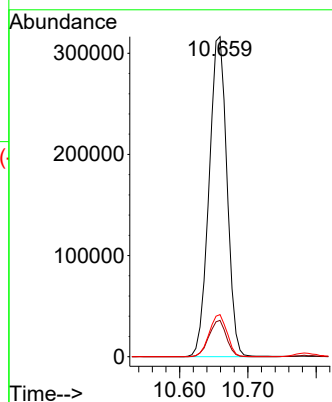
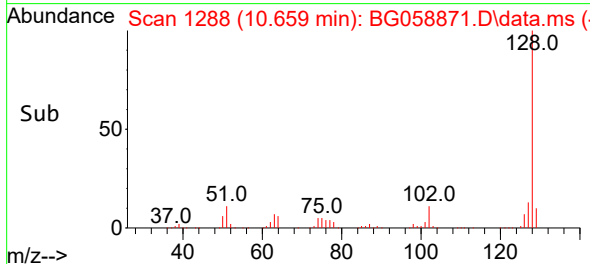


Tgt Ion:128 Resp: 577500
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.2 10.6 15.8

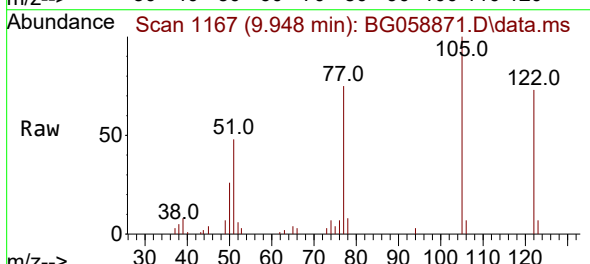
Manual Integrations

APPROVED

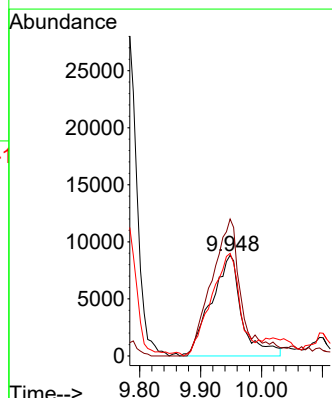
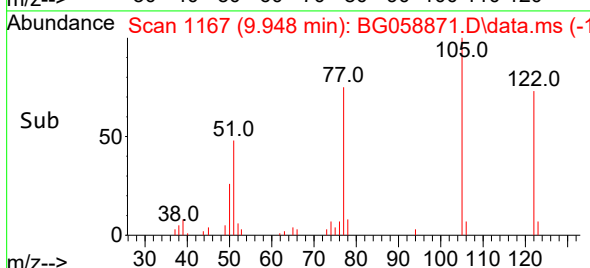
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

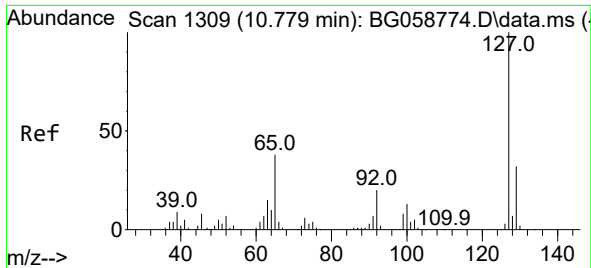


#32
Benzoic acid
Concen: 56.762 ng
RT: 9.948 min Scan# 1167
Delta R.T. -0.034 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18



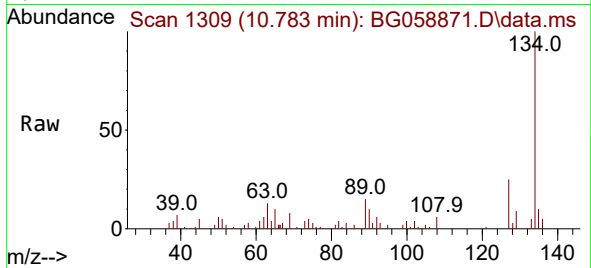
Tgt Ion:122 Resp: 30638
Ion Ratio Lower Upper
122 100
105 136.1 113.6 153.6
77 101.9 79.7 119.7





#33
4-Chloroaniline
Concen: 6.623 ng
RT: 10.783 min Scan# 1309
Delta R.T. -0.010 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

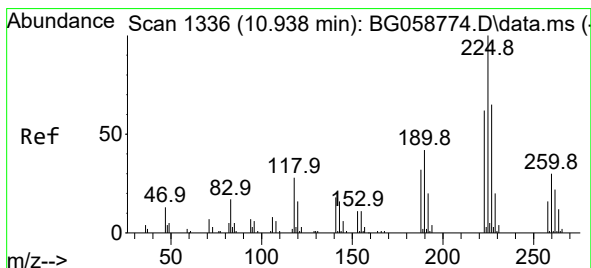
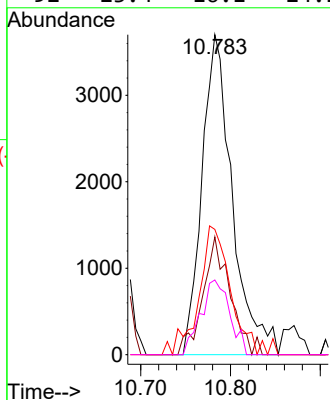
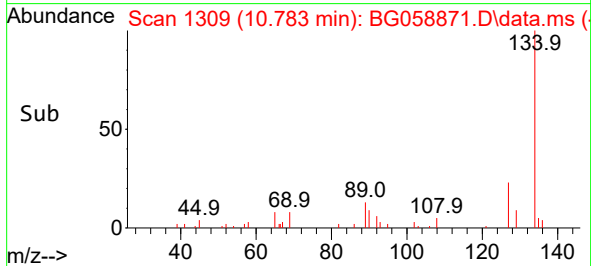
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	36.8	25.2	37.8
65	39.2	30.5	45.7
92	23.4	16.1	24.1

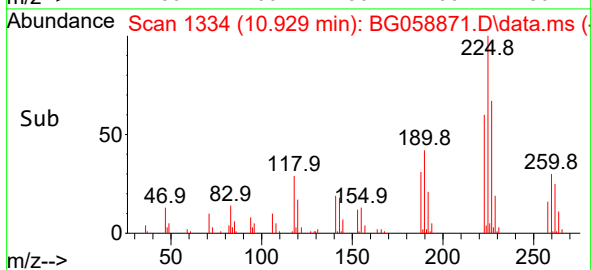
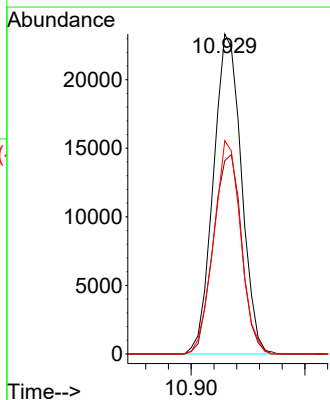
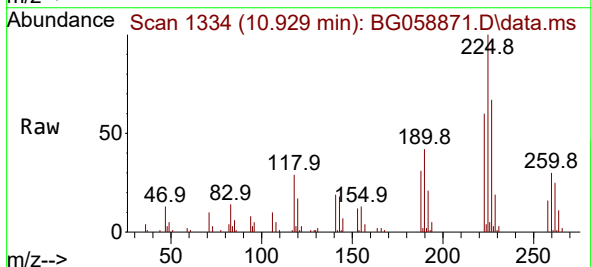
Manual Integrations
APPROVED

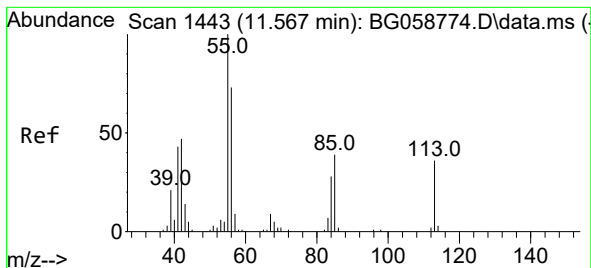
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#34
Hexachlorobutadiene
Concen: 55.154 ng
RT: 10.929 min Scan# 1334
Delta R.T. -0.028 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

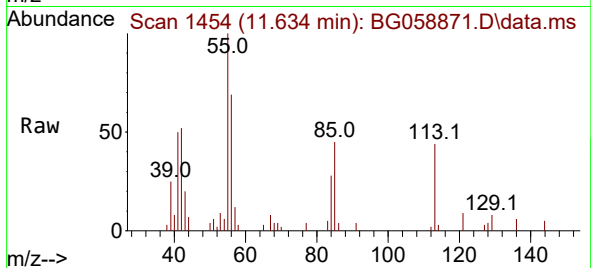
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.9	74.9
227	66.6	51.6	77.4





#35
Caprolactam
Concen: 51.650 ng m
RT: 11.634 min Scan# 1443
Delta R.T. 0.049 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

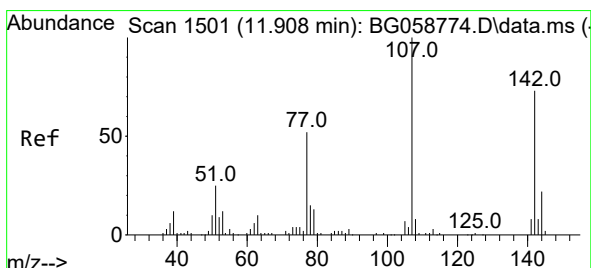
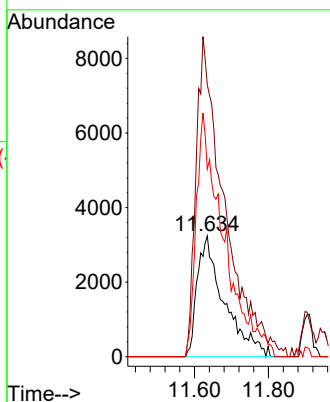
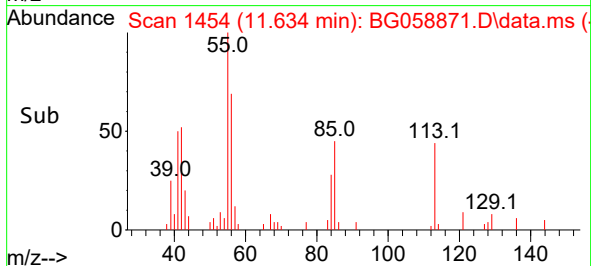
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:113 Resp: 1640
Ion Ratio Lower Upper
113 100
55 225.1 256.3 296.3
56 155.4 180.4 220.4

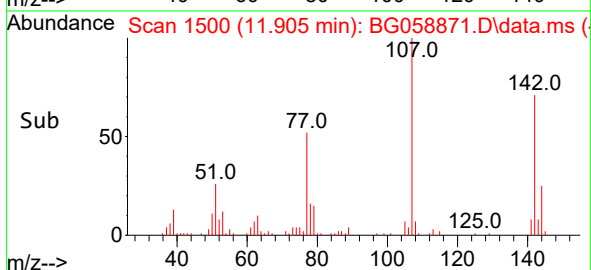
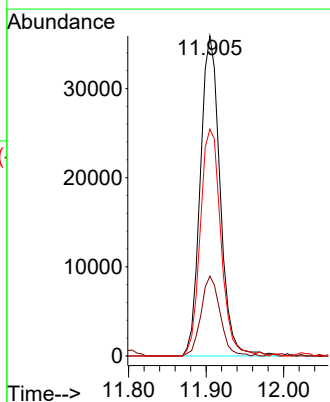
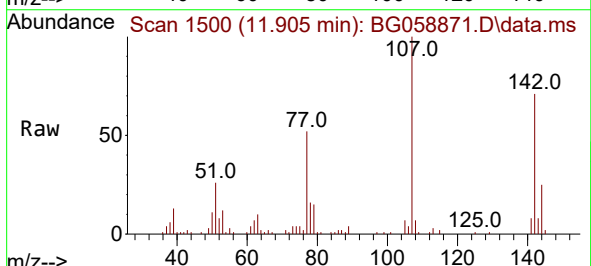
Manual Integrations
APPROVED

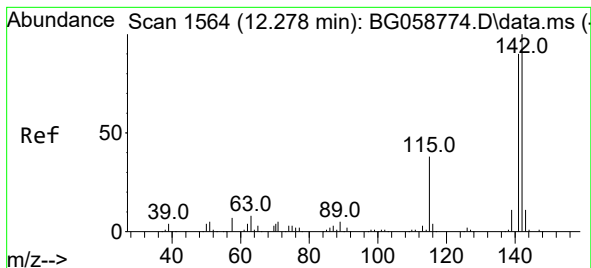
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#36
4-Chloro-3-methylphenol
Concen: 57.534 ng
RT: 11.905 min Scan# 1500
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

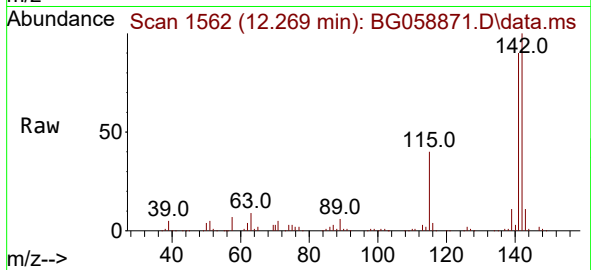
Tgt Ion:107 Resp: 63426
Ion Ratio Lower Upper
107 100
144 24.9 17.9 26.9
142 70.9 58.5 87.7





#37
2-Methylnaphthalene
Concen: 92.891 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

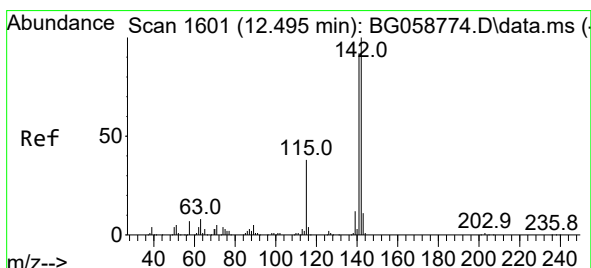
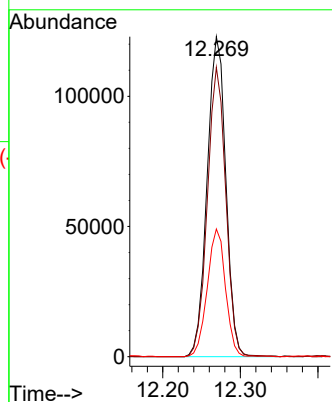
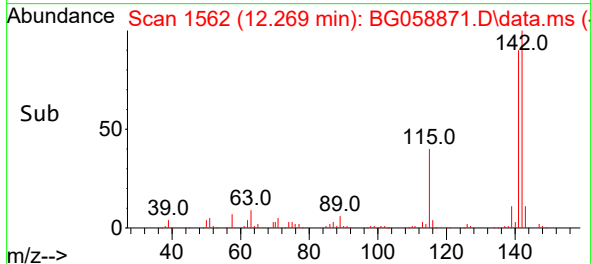
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:142 Resp: 206090
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.8
115 39.9 30.6 45.8

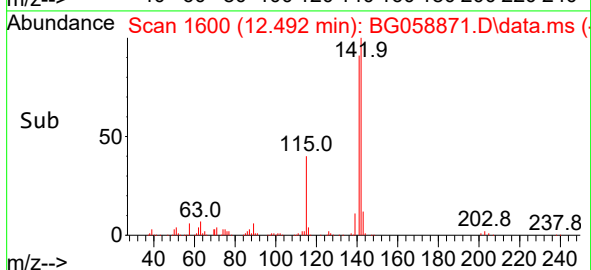
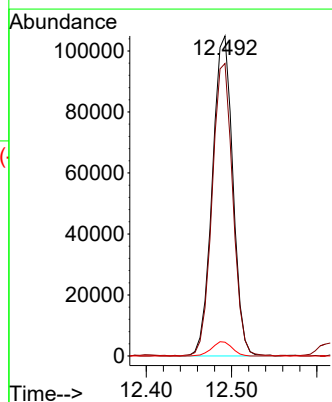
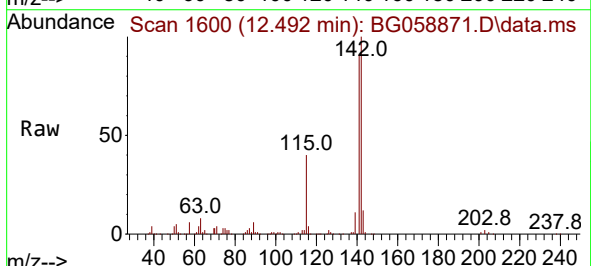
Manual Integrations
APPROVED

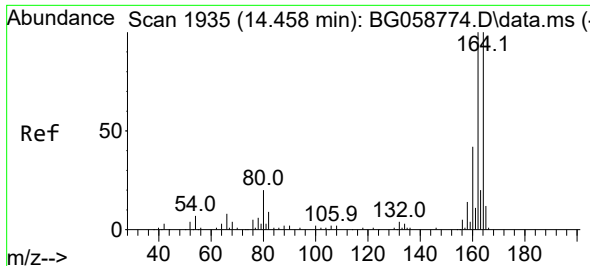
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#38
1-Methylnaphthalene
Concen: 83.273 ng
RT: 12.492 min Scan# 1600
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

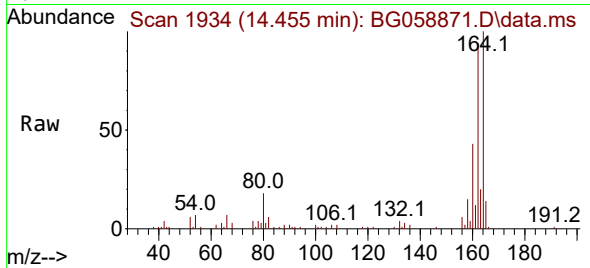
Tgt Ion:142 Resp: 175379
Ion Ratio Lower Upper
142 100
141 91.4 73.9 110.9
116 4.3 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.455 min Scan# 1935
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

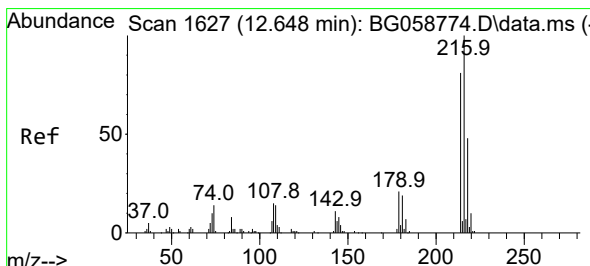
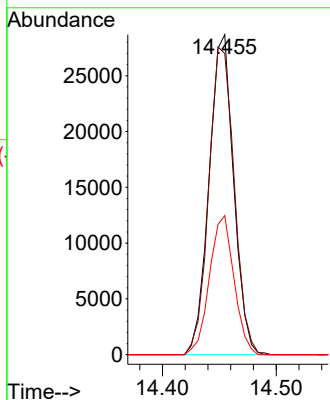
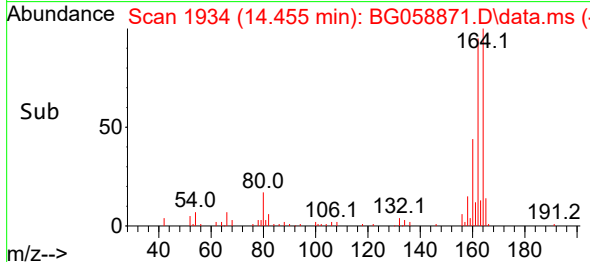
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



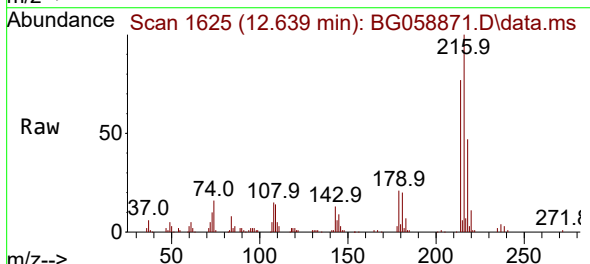
Tgt Ion:164 Resp: 42995
Ion Ratio Lower Upper
164 100
162 94.1 79.6 119.4
160 43.5 34.0 51.0

Manual Integrations
APPROVED

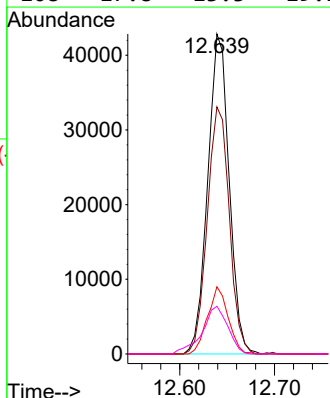
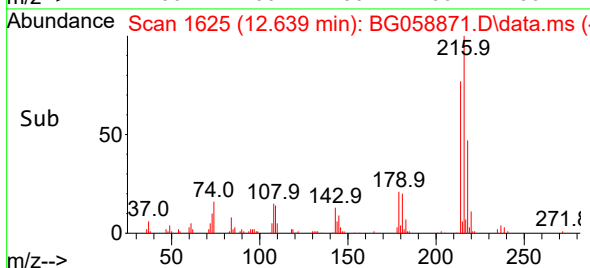
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

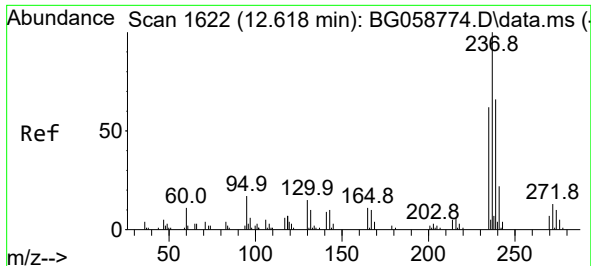


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.841 ng
RT: 12.639 min Scan# 1625
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18



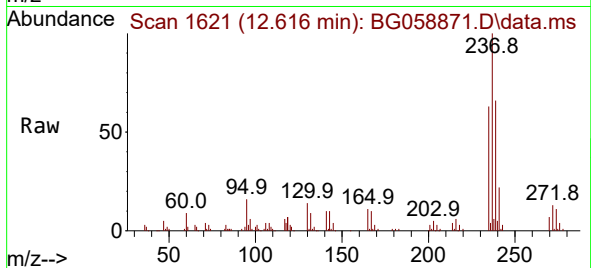
Tgt Ion:216 Resp: 67395
Ion Ratio Lower Upper
216 100
214 79.3 64.0 96.0
179 20.2 16.2 24.4
108 17.8 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 116.084 ng
RT: 12.616 min Scan# 1622
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

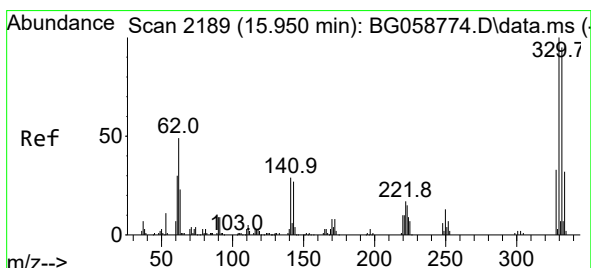
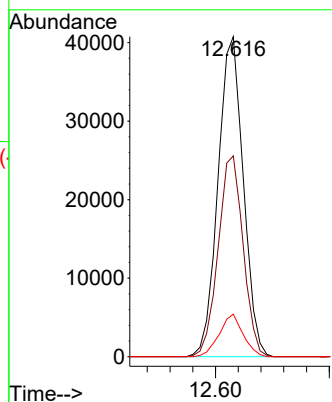
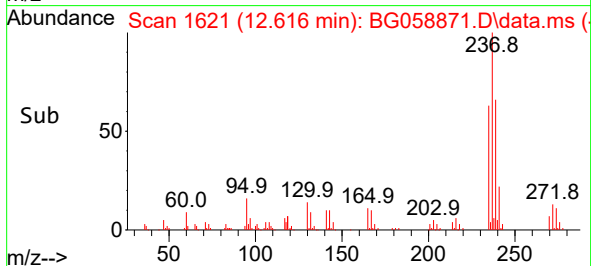
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



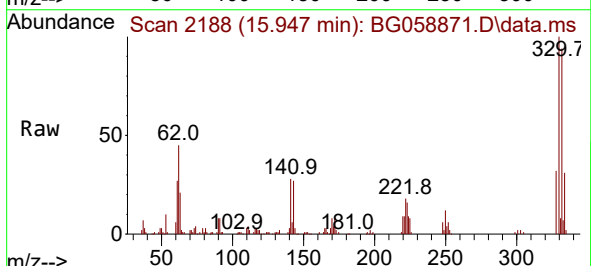
Tgt Ion:237 Resp: 62862
Ion Ratio Lower Upper
237 100
235 62.8 41.5 81.5
272 13.3 0.0 32.5

Manual Integrations
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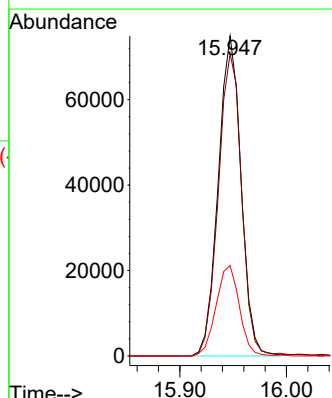
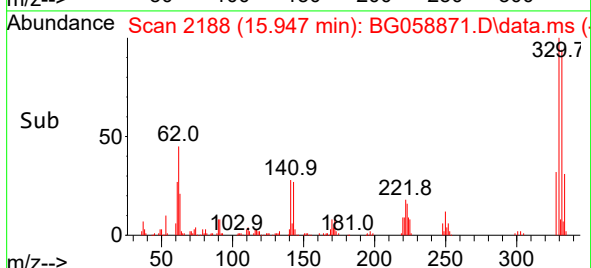
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

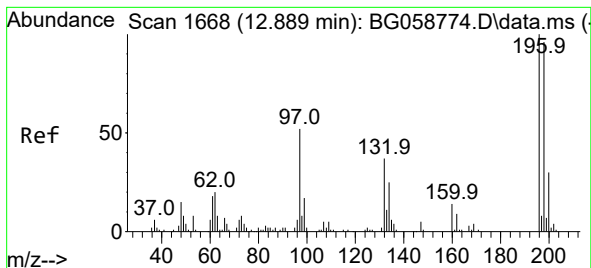


#42
2,4,6-Tribromophenol
Concen: 164.518 ng
RT: 15.947 min Scan# 2188
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18



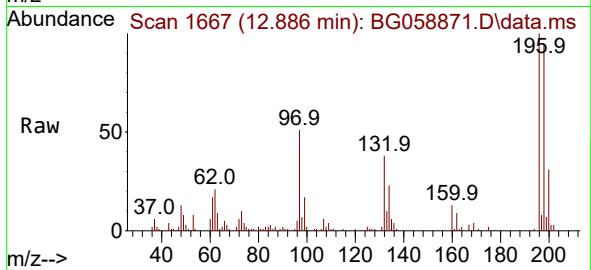
Tgt Ion:330 Resp: 110921
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 28.9 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 58.422 ng
RT: 12.886 min Scan# 1667
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

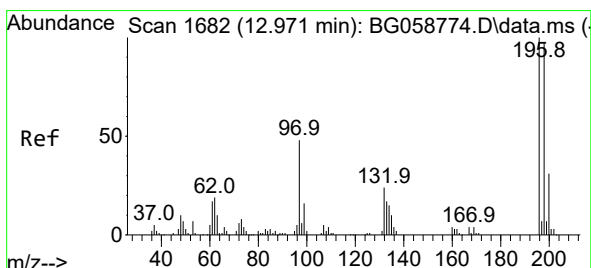
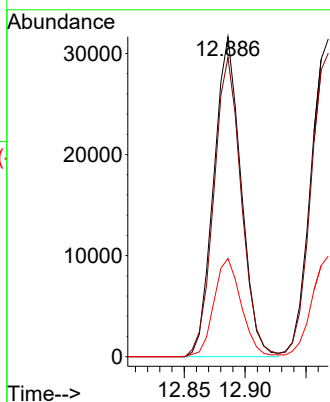
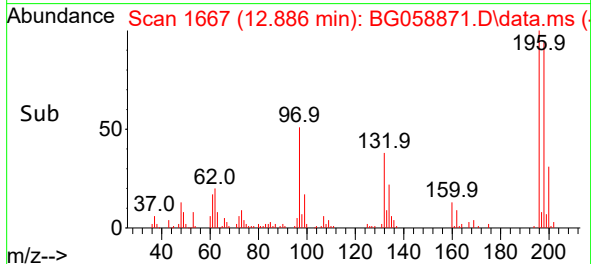
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



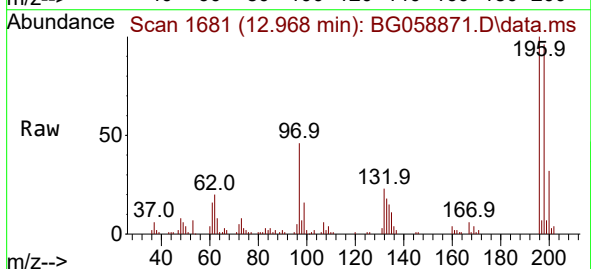
Tgt Ion:196 Resp: 49278
Ion Ratio Lower Upper
196 100
198 93.6 77.0 115.4
200 30.7 23.8 35.6

Manual Integrations
APPROVED

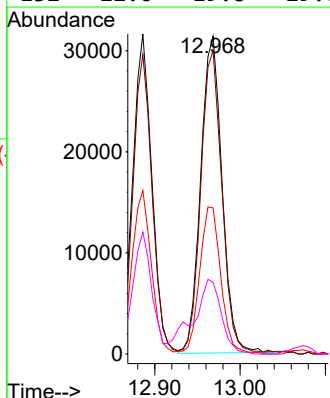
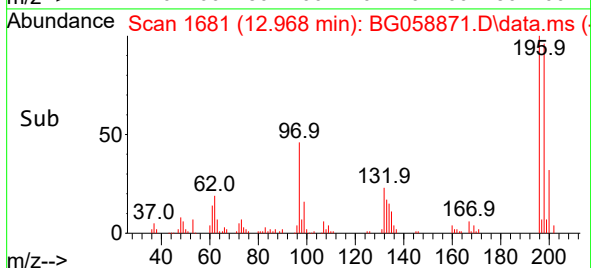
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

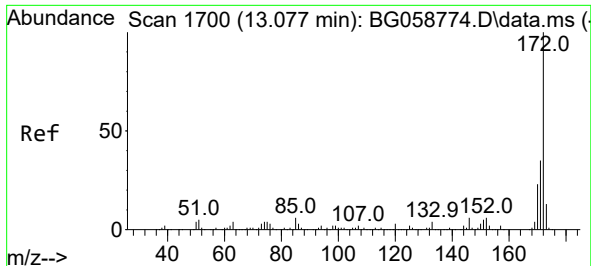


#44
2,4,5-Trichlorophenol
Concen: 54.107 ng
RT: 12.968 min Scan# 1681
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18



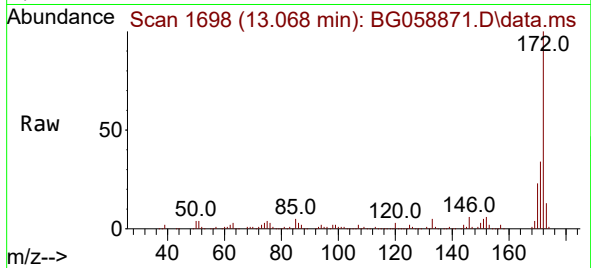
Tgt Ion:196 Resp: 54652
Ion Ratio Lower Upper
196 100
198 95.5 78.0 117.0
97 46.0 38.7 58.1
132 22.6 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 94.431 ng
RT: 13.068 min Scan# 1700
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

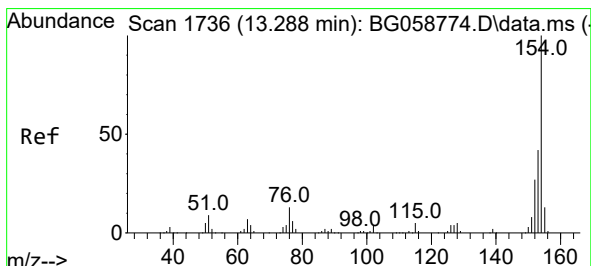
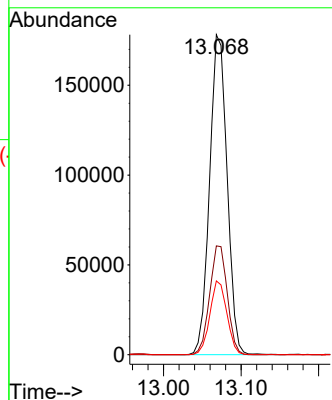
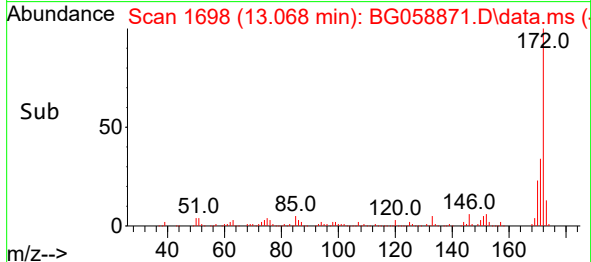
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



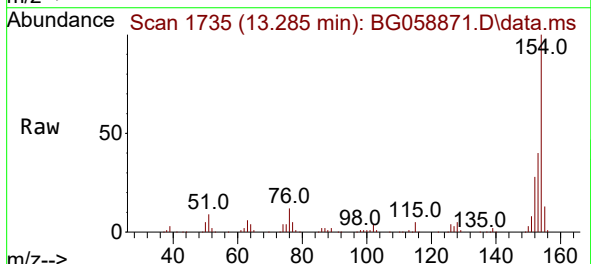
Tgt Ion:172 Resp: 27917
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 23.0 18.6 27.8

Manual Integrations
APPROVED

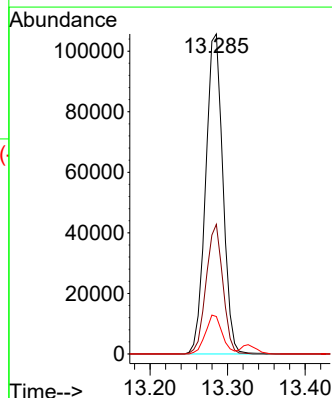
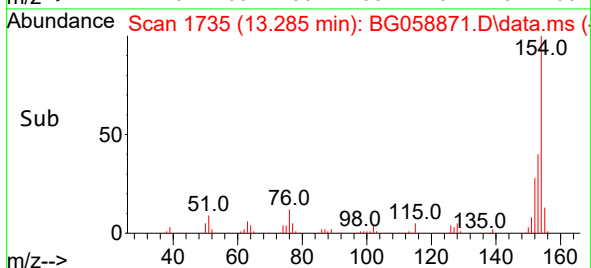
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

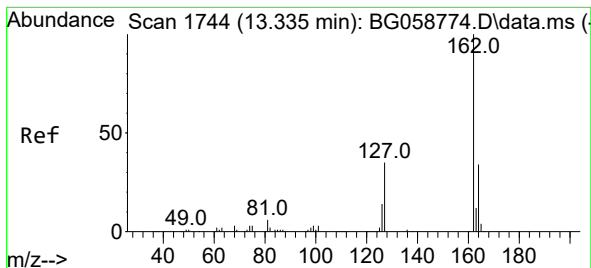


#46
1,1'-Biphenyl
Concen: 54.879 ng
RT: 13.285 min Scan# 1735
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18



Tgt Ion:154 Resp: 162559
Ion Ratio Lower Upper
154 100
153 40.5 21.7 61.7
76 11.7 0.0 33.2





#47

2-Chloronaphthalene

Concen: 53.193 ng

RT: 13.327 min Scan# 1

Delta R.T. -0.022 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD

Tgt Ion:162 Resp: 122789

Ion Ratio Lower Upper

162 100

127 40.1 31.5 47.3

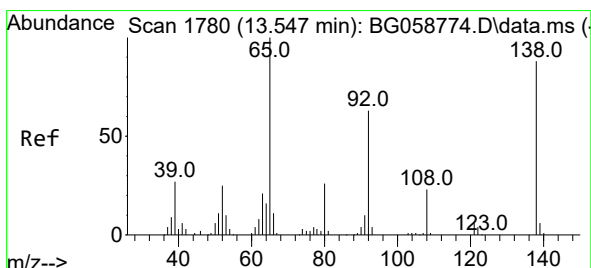
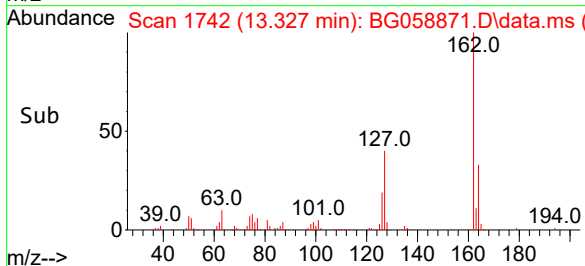
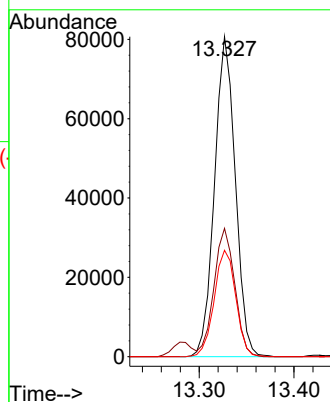
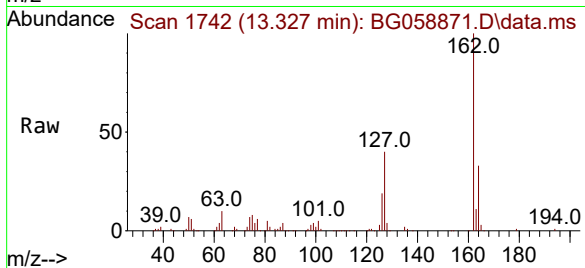
164 33.2 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#48

2-Nitroaniline

Concen: 52.782 ng

RT: 13.538 min Scan# 1778

Delta R.T. -0.022 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

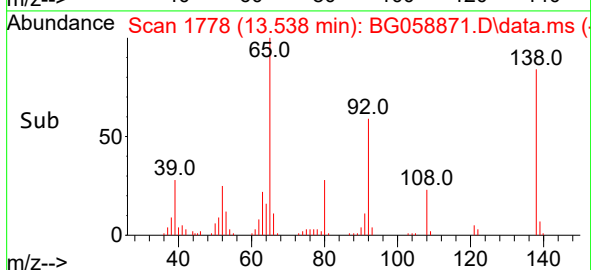
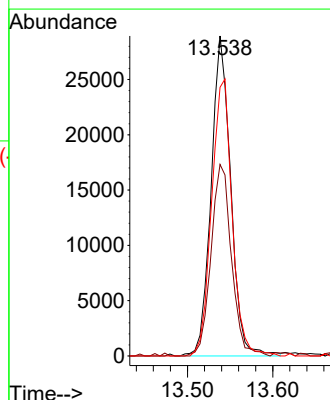
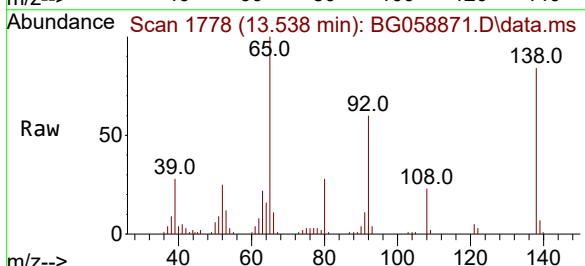
Tgt Ion: 65 Resp: 46274

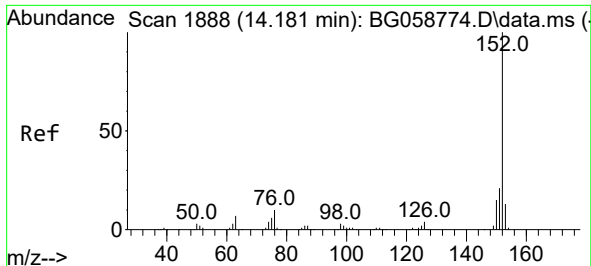
Ion Ratio Lower Upper

65 100

92 59.8 50.7 76.1

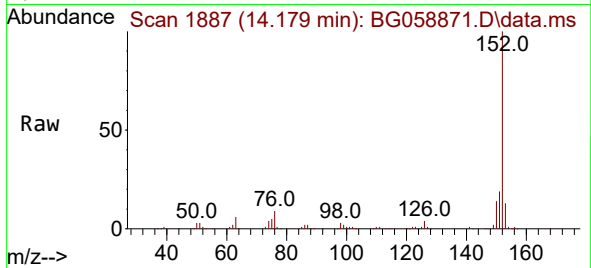
138 83.9 70.7 106.1





#49
Acenaphthylene
Concen: 63.971 ng
RT: 14.179 min Scan# 1888
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

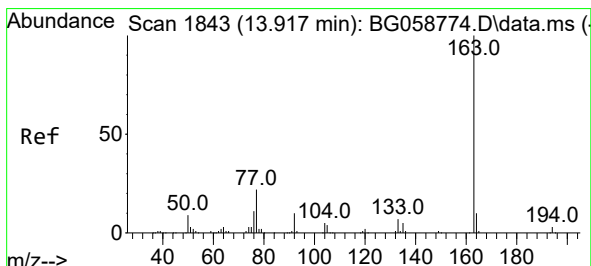
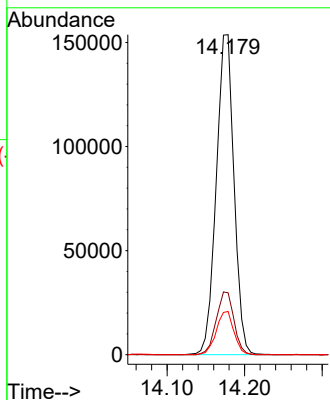
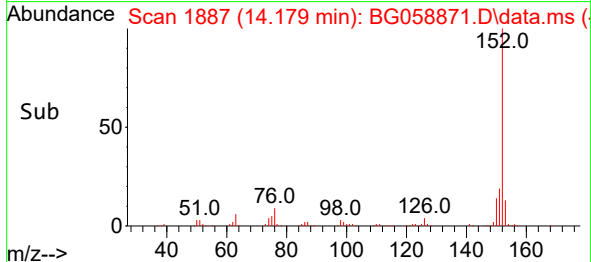
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



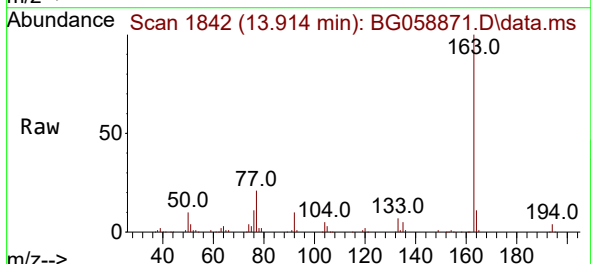
Tgt Ion:152 Resp: 24488
Ion Ratio Lower Upper
152 100
151 19.3 16.9 25.3
153 13.5 10.7 16.1

Manual Integrations
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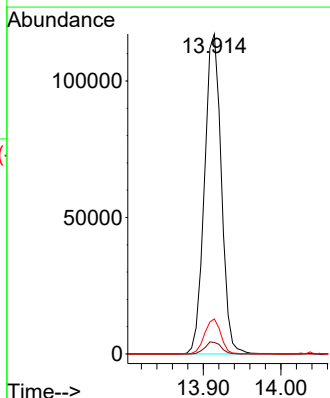
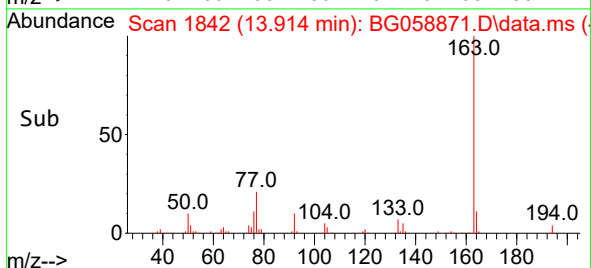
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

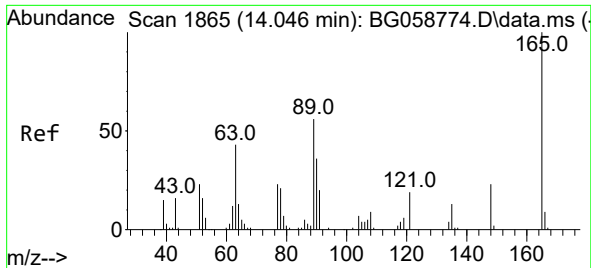


#50
Dimethylphthalate
Concen: 52.966 ng
RT: 13.914 min Scan# 1842
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18



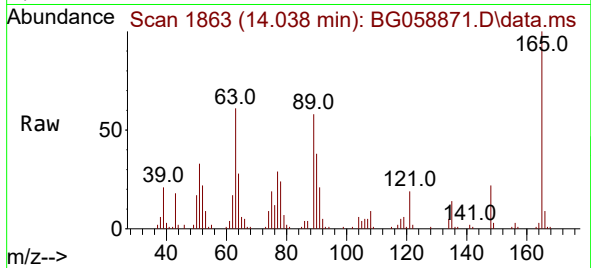
Tgt Ion:163 Resp: 176340
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 55.930 ng
RT: 14.038 min Scan# 1865
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

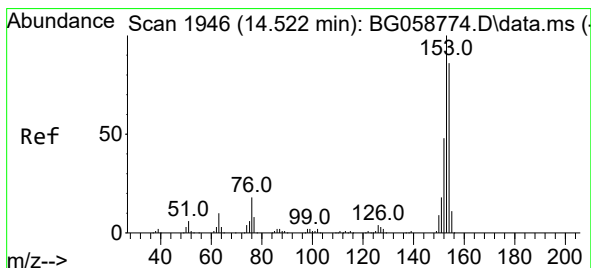
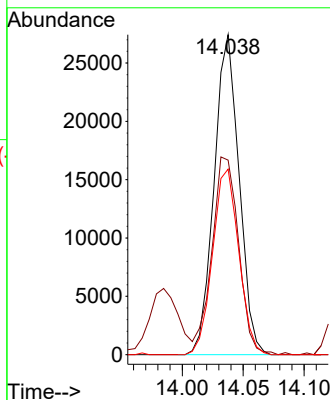
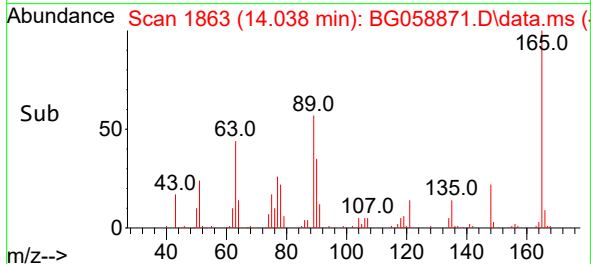
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:165 Resp: 39120
Ion Ratio Lower Upper
165 100
63 60.8 47.2 70.8
89 58.0 45.0 67.4

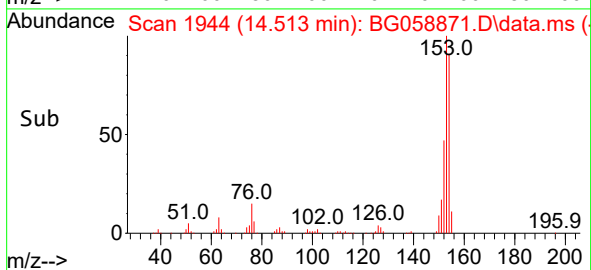
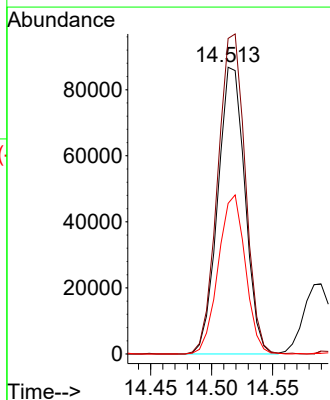
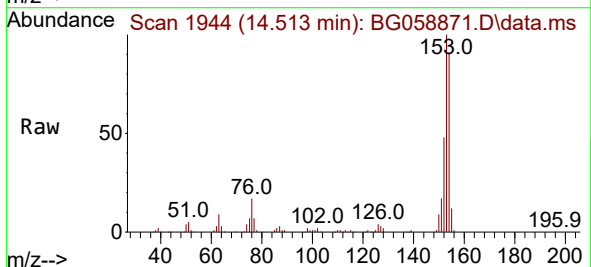
Manual Integrations
APPROVED

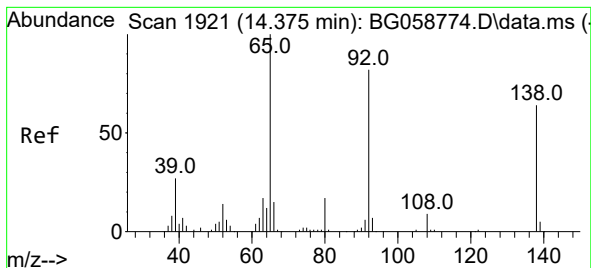
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#52
Acenaphthene
Concen: 60.222 ng
RT: 14.513 min Scan# 1944
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

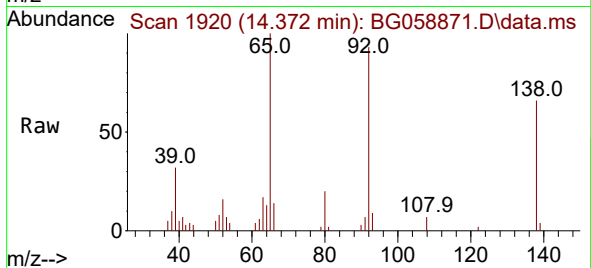
Tgt Ion:154 Resp: 134719
Ion Ratio Lower Upper
154 100
153 110.1 92.7 139.1
152 52.5 44.2 66.2





#53
3-Nitroaniline
Concen: 12.379 ng
RT: 14.372 min Scan# 1920
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

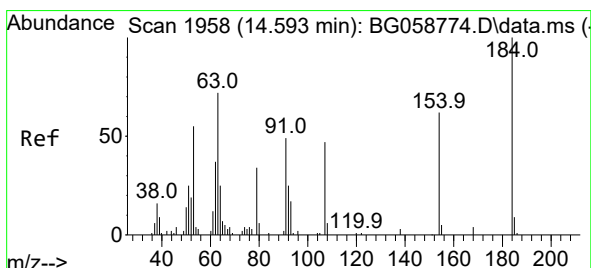
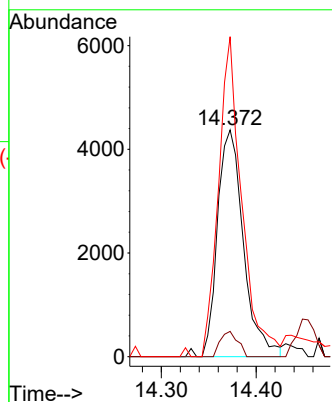
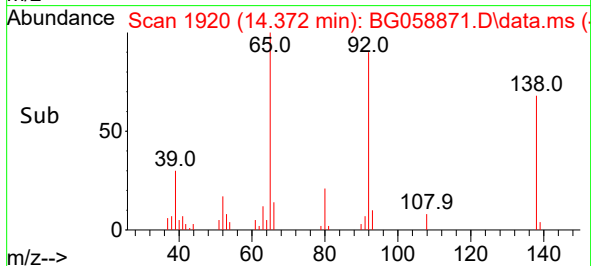
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:138 Resp: 835
Ion Ratio Lower Upper
138 100
108 11.2 11.8 17.8
92 141.2 102.5 153.7

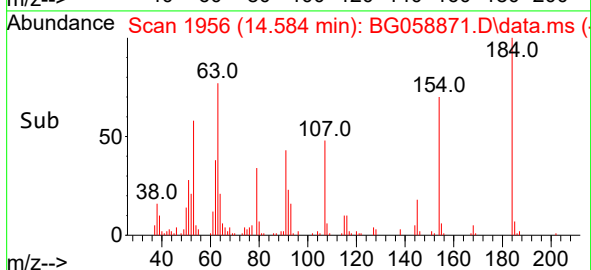
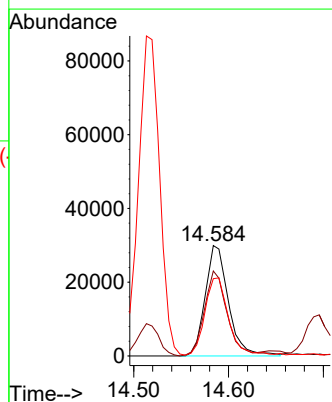
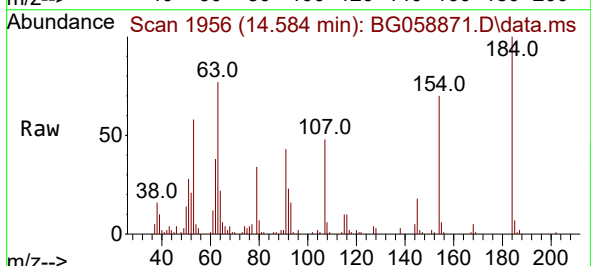
Manual Integrations
APPROVED

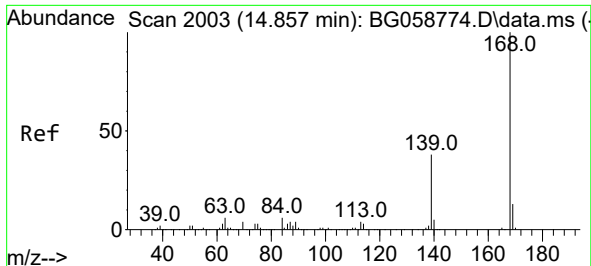
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#54
2,4-Dinitrophenol
Concen: 125.829 ng
RT: 14.584 min Scan# 1956
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

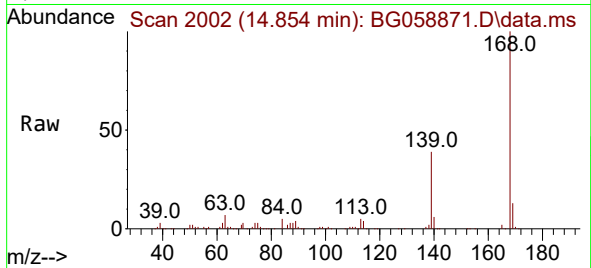
Tgt Ion:184 Resp: 50877
Ion Ratio Lower Upper
184 100
63 77.0 57.7 86.5
154 70.1 51.8 77.6





#55
Dibenzenofuran
Concen: 52.987 ng
RT: 14.854 min Scan# 2003
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

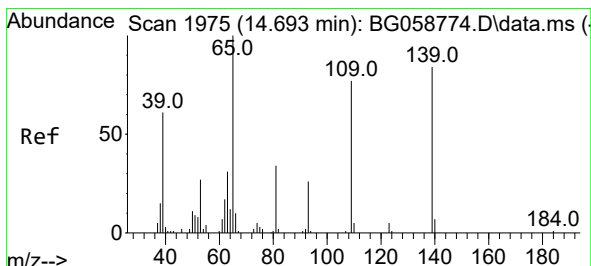
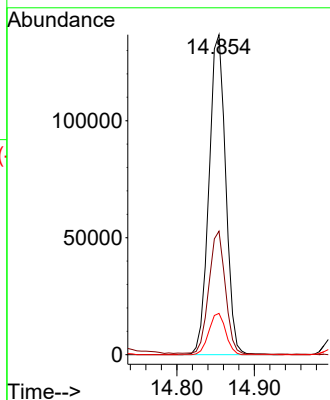
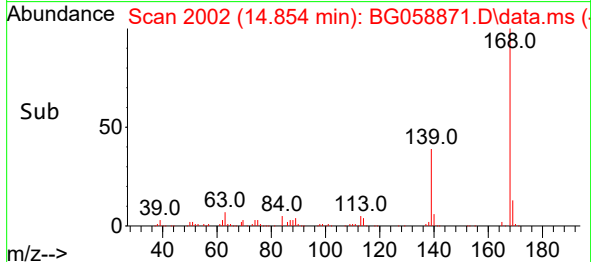
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:168 Resp: 204468
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 12.9 10.7 16.1

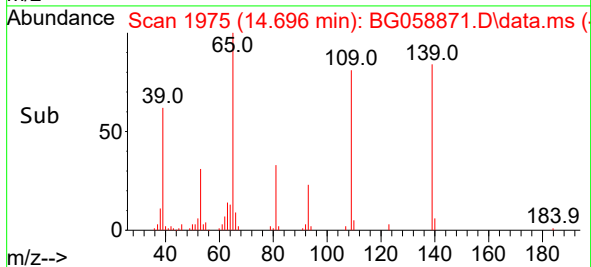
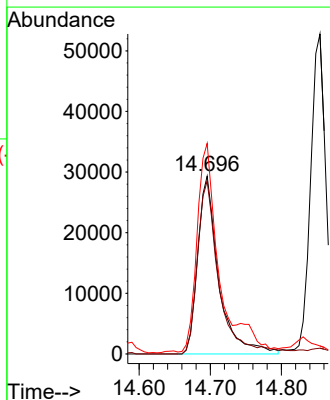
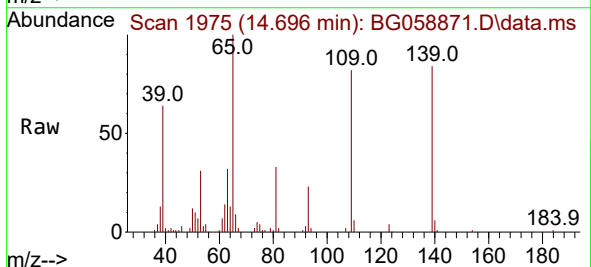
Manual Integrations
APPROVED

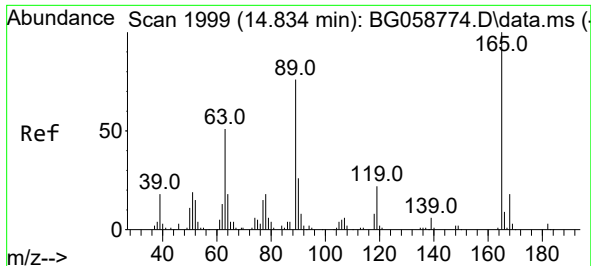
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#56
4-Nitrophenol
Concen: 120.902 ng
RT: 14.696 min Scan# 1975
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

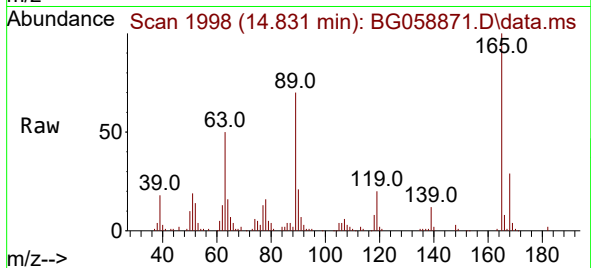
Tgt Ion:139 Resp: 60182
Ion Ratio Lower Upper
139 100
109 97.3 71.9 111.9
65 118.5 100.7 140.7





#57
2,4-Dinitrotoluene
Concen: 61.566 ng
RT: 14.831 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

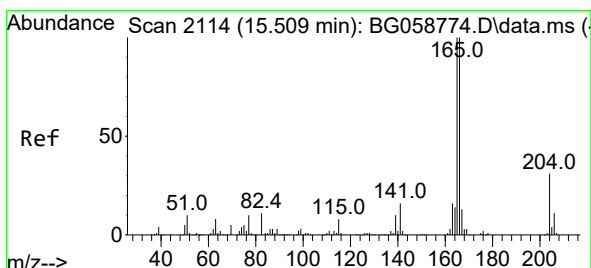
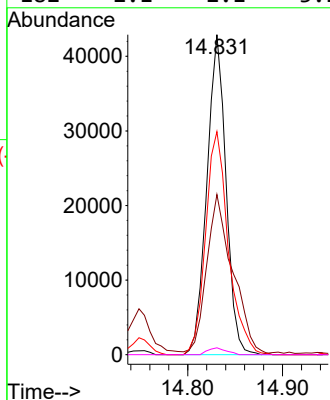
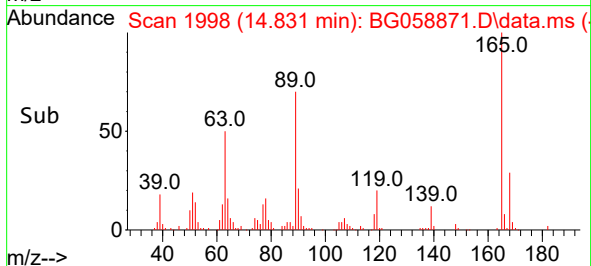
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



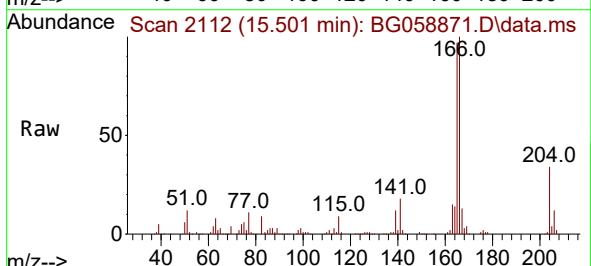
Tgt Ion:165 Resp: 60062
Ion Ratio Lower Upper
165 100
63 50.1 41.8 62.6
89 69.7 60.7 91.1
182 2.1 2.1 3.1

Manual Integrations
APPROVED

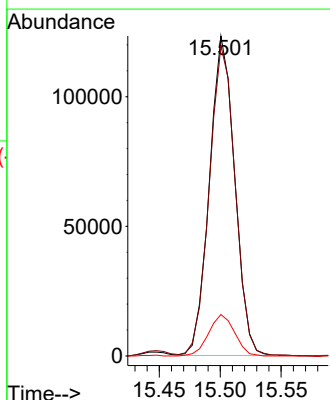
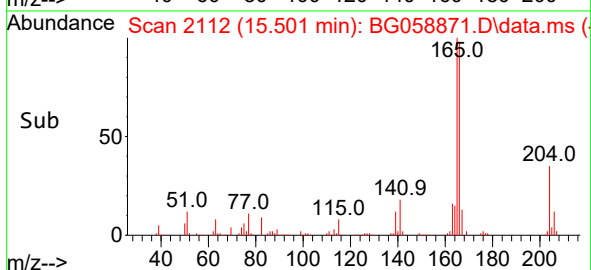
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

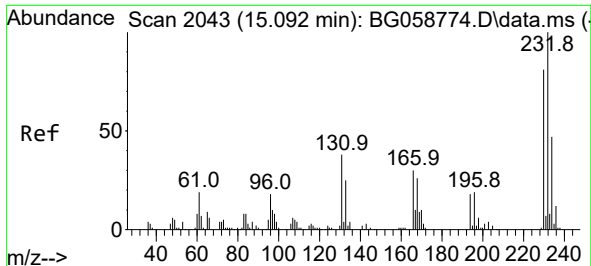


#58
Fluorene
Concen: 57.770 ng
RT: 15.501 min Scan# 2112
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18



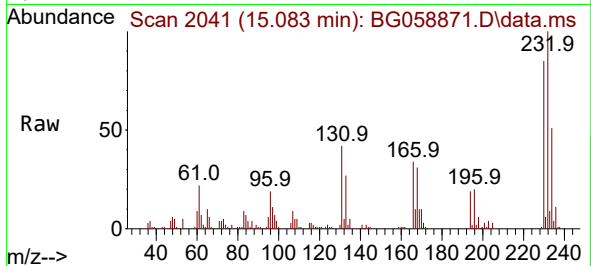
Tgt Ion:166 Resp: 177414
Ion Ratio Lower Upper
166 100
165 96.9 79.9 119.9
167 13.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.503 ng
RT: 15.083 min Scan# 2041
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

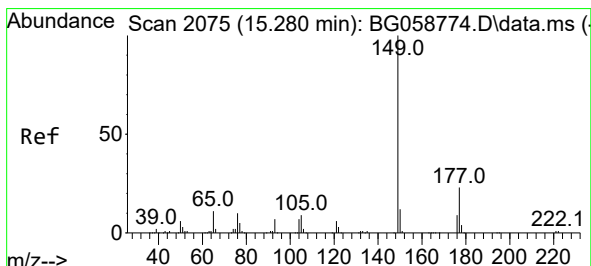
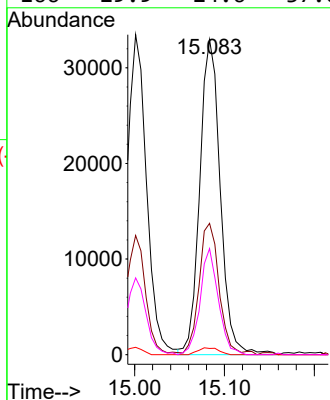
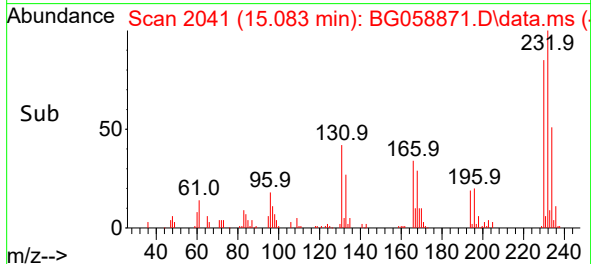
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:232 Resp: 5234
Ion Ratio Lower Upper
232 100
131 40.8 33.9 50.9
130 2.2 1.8 2.6
166 29.9 24.6 37.0

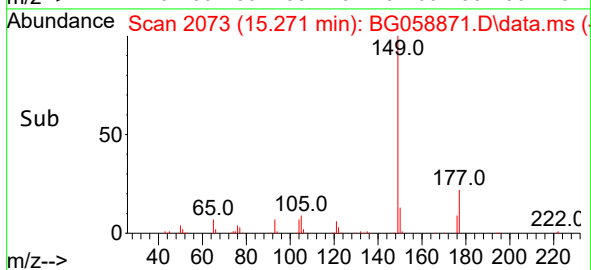
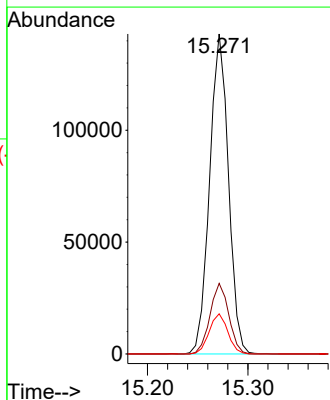
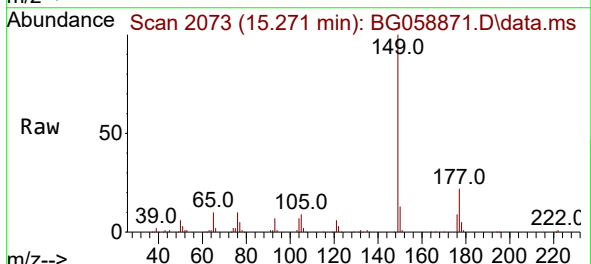
Manual Integrations
APPROVED

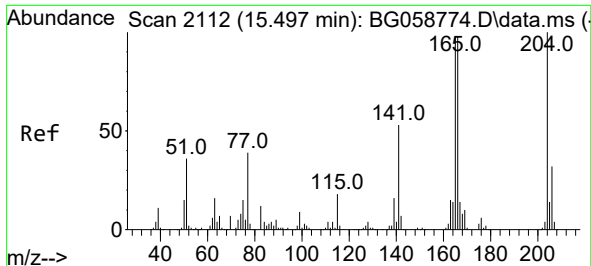
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#60
Diethylphthalate
Concen: 54.343 ng
RT: 15.271 min Scan# 2073
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

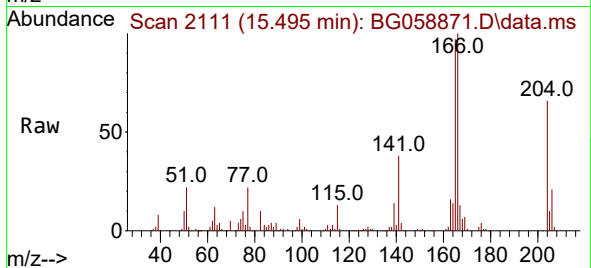
Tgt Ion:149 Resp: 186538
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 53.533 ng
RT: 15.495 min Scan# 2112
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

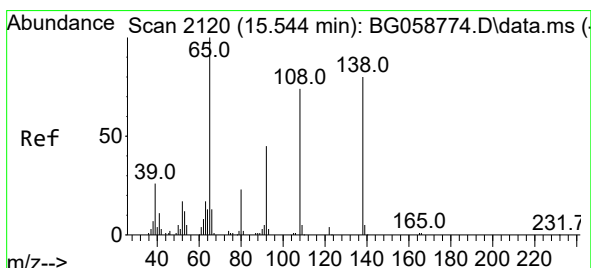
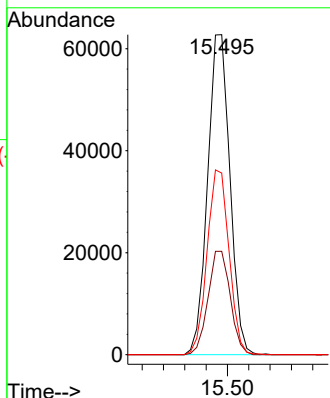
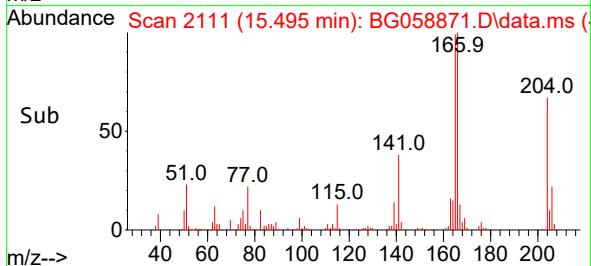
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:204 Resp: 9112
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 56.7 42.3 63.5

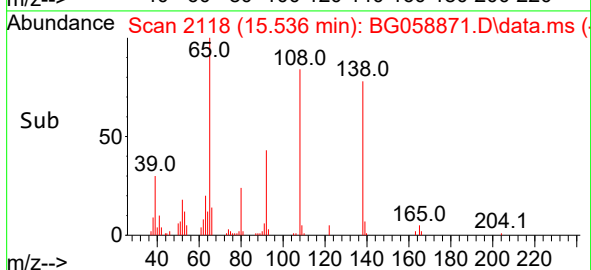
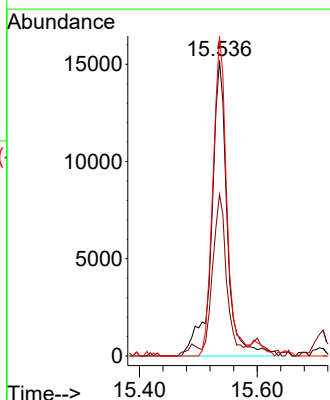
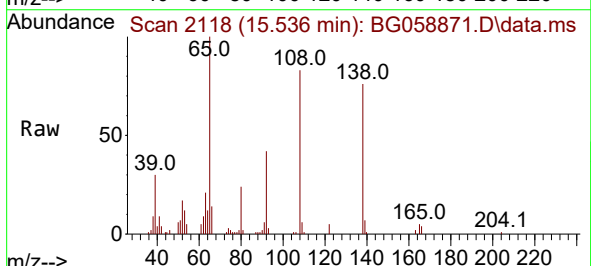
Manual Integrations
APPROVED

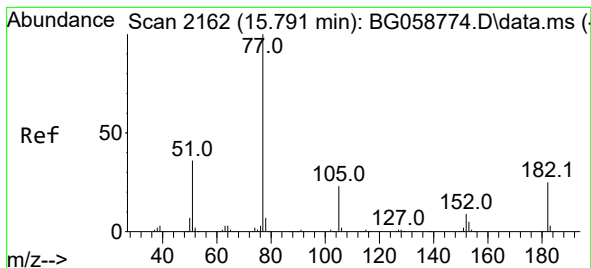
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#62
4-Nitroaniline
Concen: 41.051 ng
RT: 15.536 min Scan# 2118
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion:138 Resp: 28104
Ion Ratio Lower Upper
138 100
92 54.7 36.4 76.4
108 108.3 72.2 112.2





#63

Azobenzene

Concen: 50.869 ng

RT: 15.788 min Scan# 2161

Delta R.T. -0.016 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD

Tgt Ion: 77 Resp: 16033

Ion Ratio Lower Upper

77 100

182 27.5 4.9 44.9

105 22.5 2.8 42.8

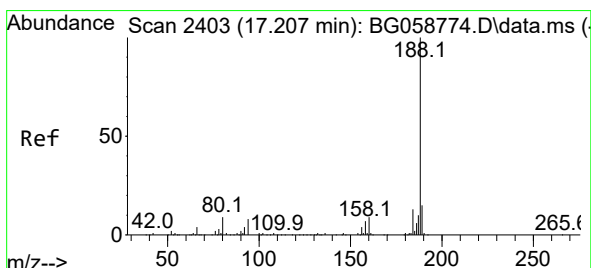
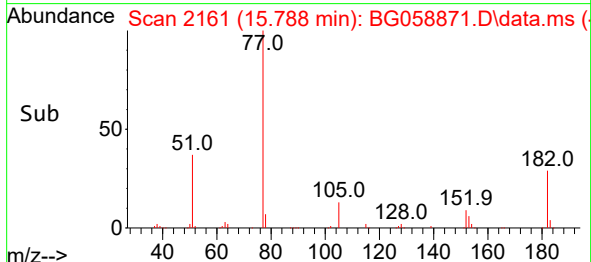
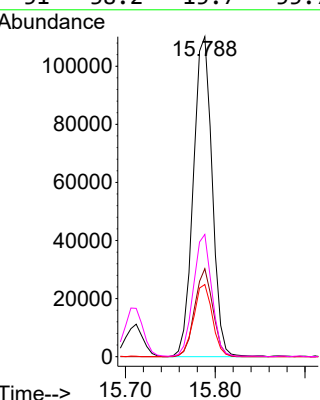
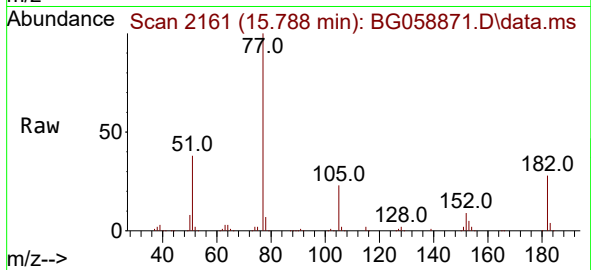
51 38.2 15.7 55.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.199 min Scan# 2401

Delta R.T. -0.016 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

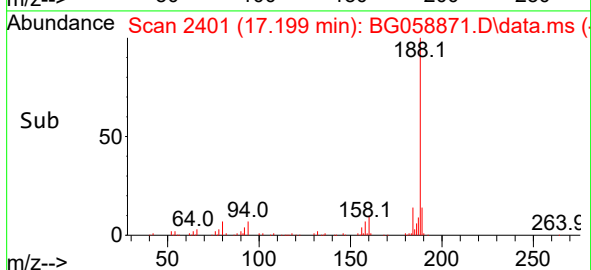
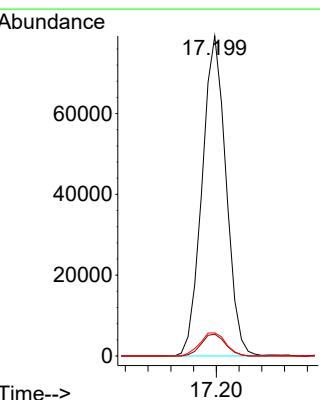
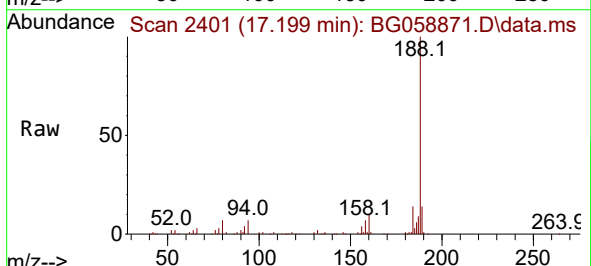
Tgt Ion:188 Resp: 115700

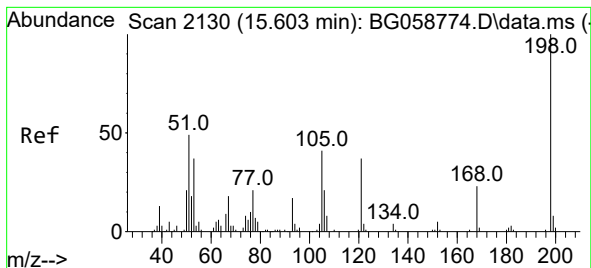
Ion Ratio Lower Upper

188 100

94 6.8 6.1 9.1

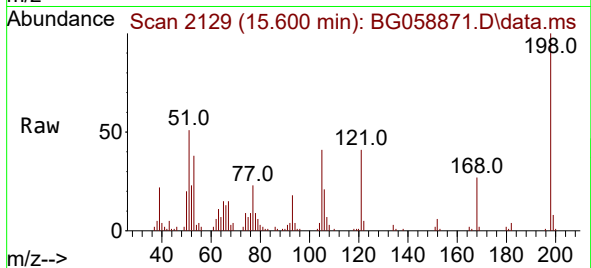
80 7.2 6.9 10.3





#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.400 ng
 RT: 15.600 min Scan# 2130
 Delta R.T. -0.016 min
 Lab File: BG058871.D
 Acq: 28 Aug 2023 13:18

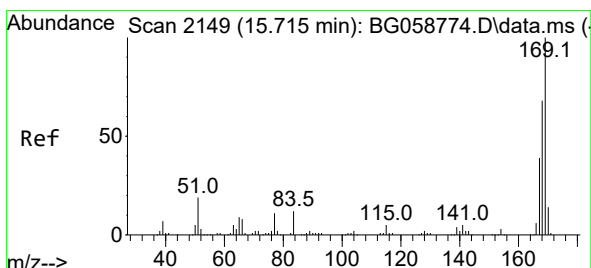
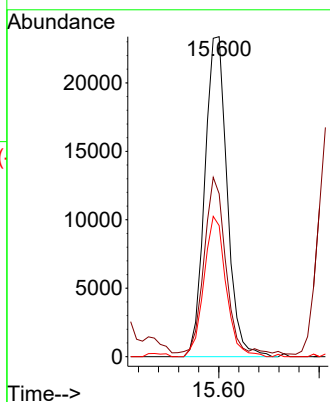
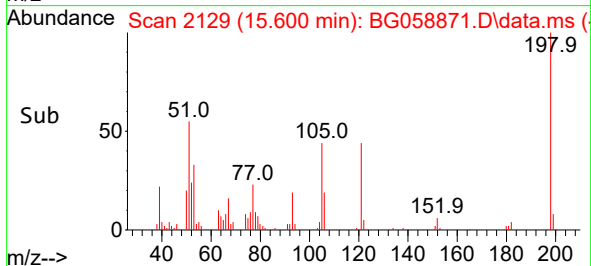
Instrument :
 BNA_G
 ClientSampleId :
 IDW-W-20230822MSD



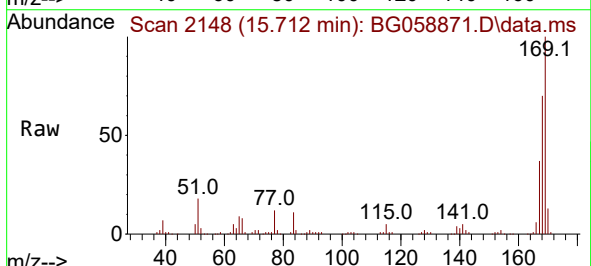
Tgt Ion:198 Resp: 3623
 Ion Ratio Lower Upper
 198 100
 51 50.9 31.3 71.3
 105 40.9 20.7 60.7

Manual Integrations
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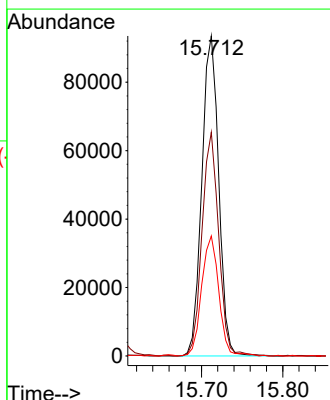
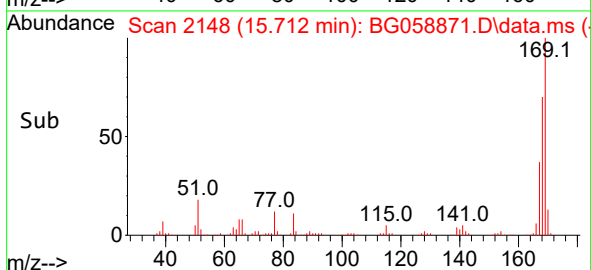
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

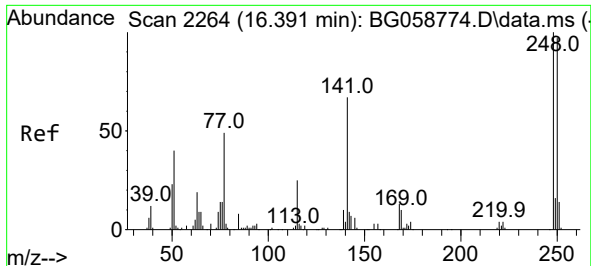


#66
 n-Nitrosodiphenylamine
 Concen: 45.161 ng
 RT: 15.712 min Scan# 2148
 Delta R.T. -0.016 min
 Lab File: BG058871.D
 Acq: 28 Aug 2023 13:18



Tgt Ion:169 Resp: 134671
 Ion Ratio Lower Upper
 169 100
 168 69.9 54.4 81.6
 167 37.5 31.4 47.0





#67

4-Bromophenyl-phenylether

Concen: 49.397 ng

RT: 16.388 min Scan# 21

Delta R.T. -0.016 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

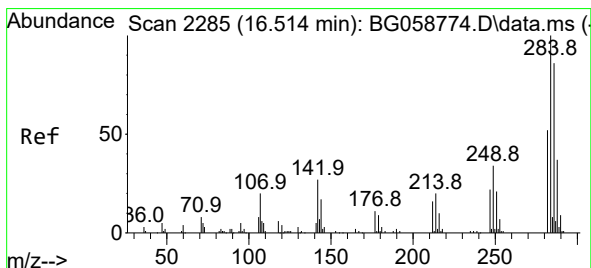
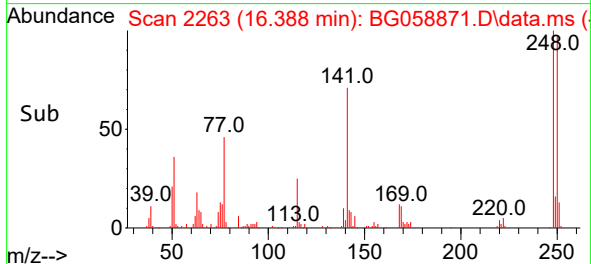
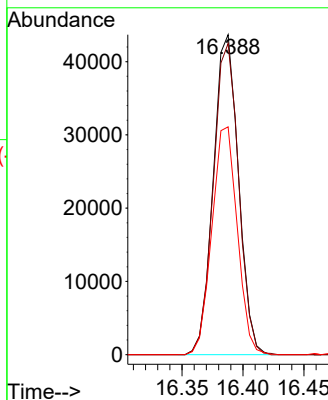
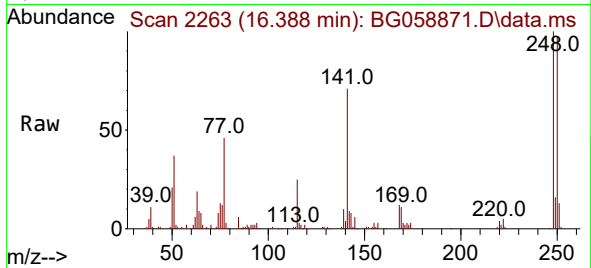
IDW-W-20230822MSD

Tgt Ion:248 Resp: 62710
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.7 116.5
 141 71.2 53.6 80.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#68

Hexachlorobenzene

Concen: 53.844 ng

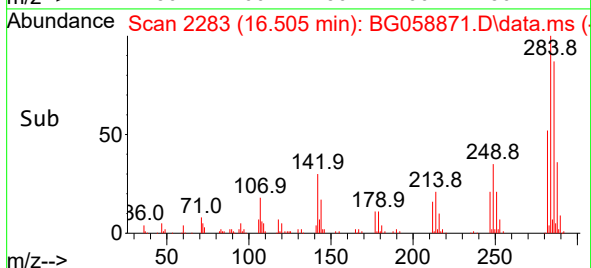
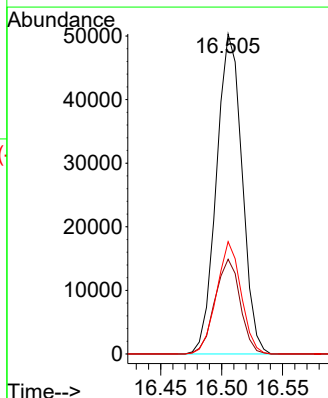
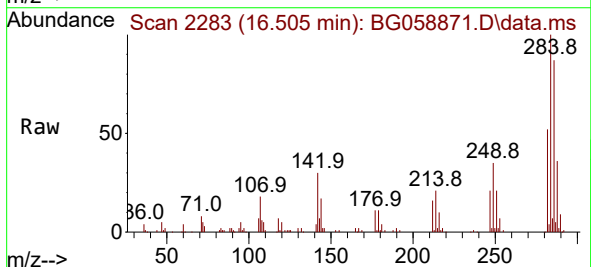
RT: 16.505 min Scan# 2283

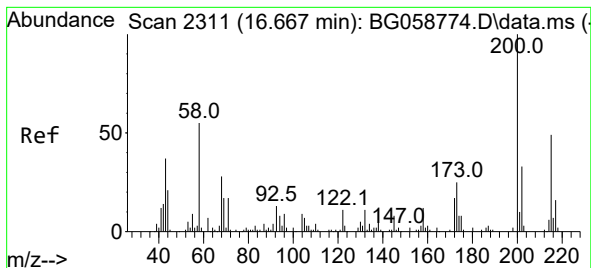
Delta R.T. -0.022 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Tgt Ion:284 Resp: 73575
 Ion Ratio Lower Upper
 284 100
 142 29.6 22.0 33.0
 249 35.1 27.2 40.8





#69

Atrazine

Concen: 22.035 ng

RT: 16.658 min Scan# 21

Delta R.T. -0.022 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

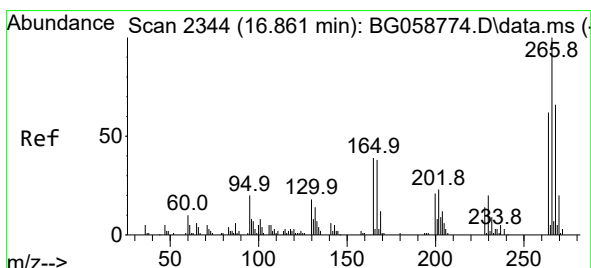
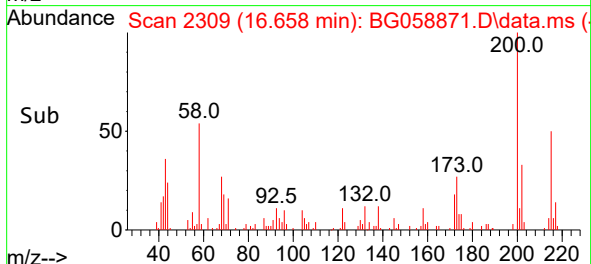
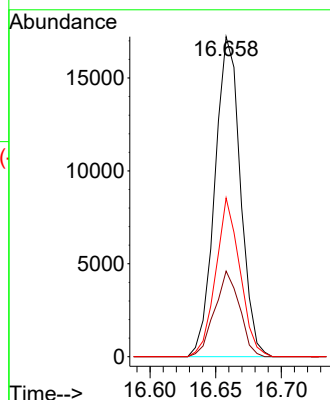
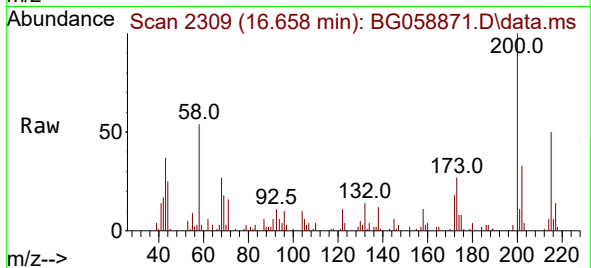
IDW-W-20230822MSD

Tgt Ion:200 Resp: 23254
 Ion Ratio Lower Upper
 200 100
 173 26.7 5.3 45.3
 215 49.6 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#70

Pentachlorophenol

Concen: 113.596 ng

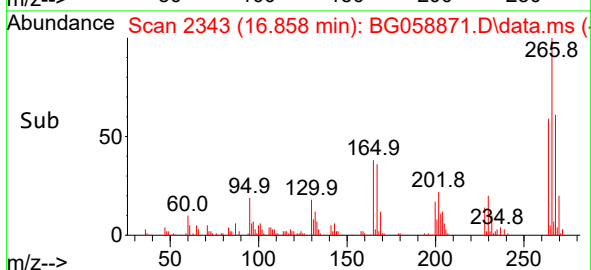
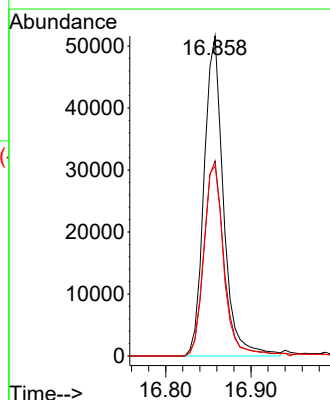
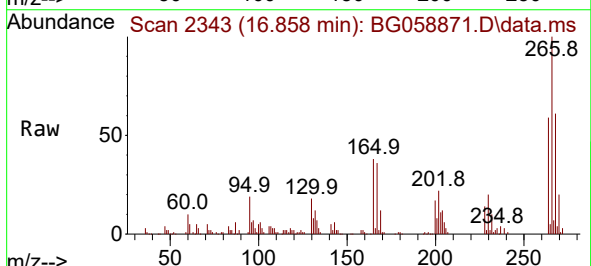
RT: 16.858 min Scan# 2343

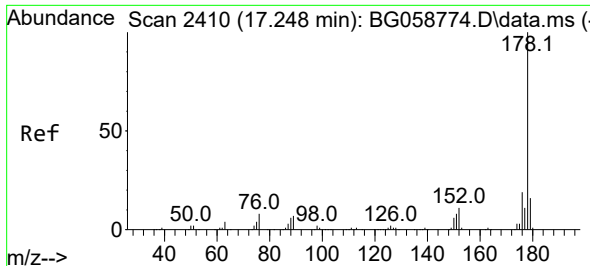
Delta R.T. -0.016 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

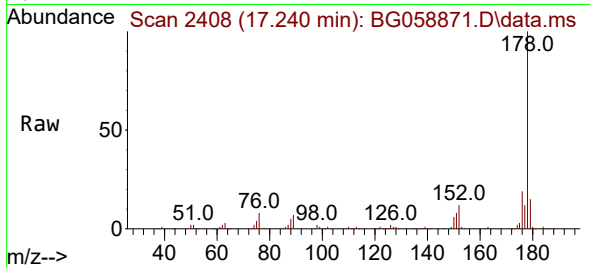
Tgt Ion:266 Resp: 81395
 Ion Ratio Lower Upper
 266 100
 268 61.0 52.7 79.1
 264 59.4 49.5 74.3





#71
Phenanthrene
Concen: 56.578 ng
RT: 17.240 min Scan# 2410
Delta R.T. -0.022 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

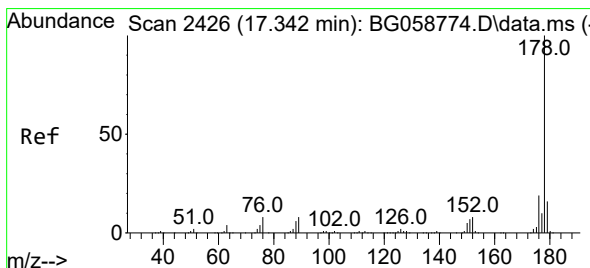
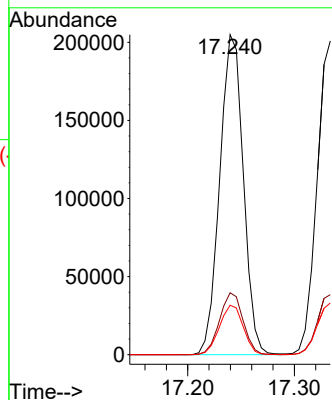
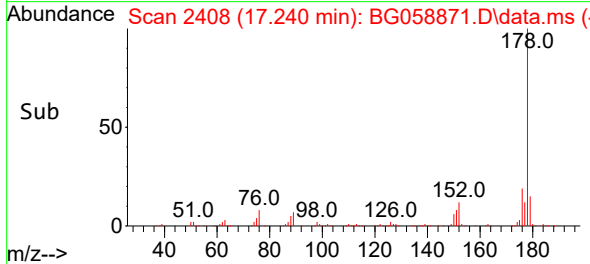
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:178 Resp: 31425
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 13.0 19.4

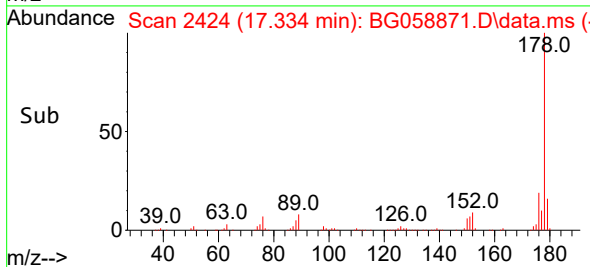
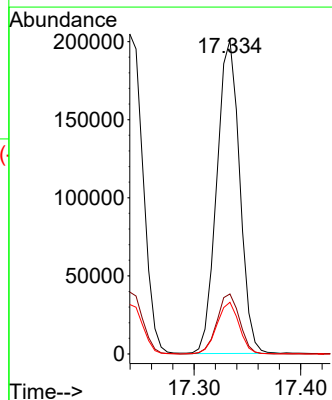
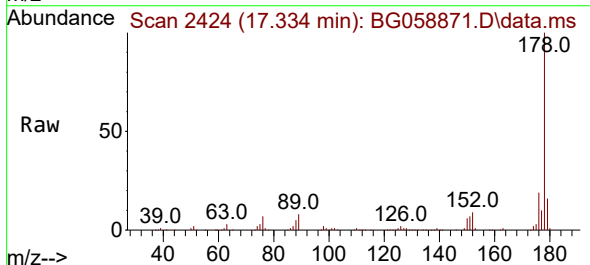
Manual Integrations
APPROVED

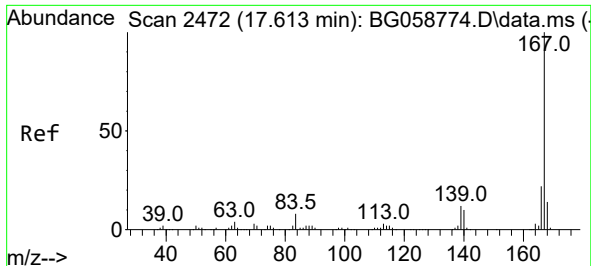
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#72
Anthracene
Concen: 53.655 ng
RT: 17.334 min Scan# 2424
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

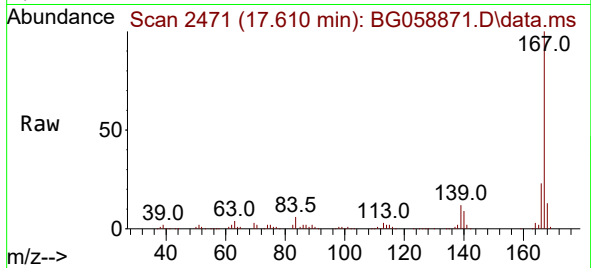
Tgt Ion:178 Resp: 298901
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 16.5 12.9 19.3





#73
Carbazole
Concen: 49.918 ng
RT: 17.610 min Scan# 2472
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

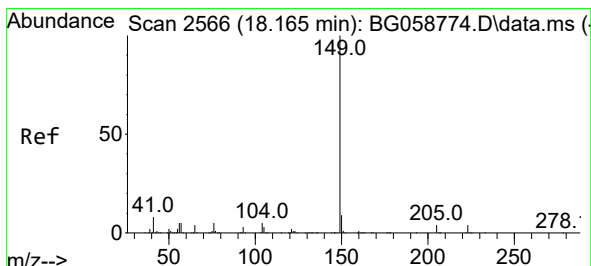
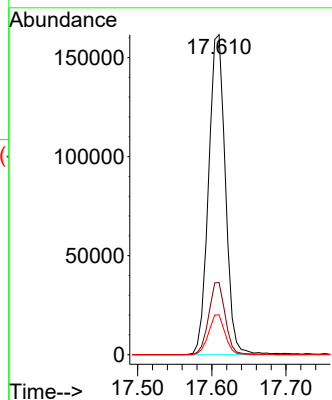
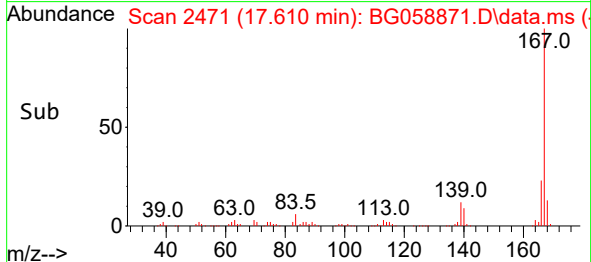
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:167 Resp: 25465
Ion Ratio Lower Upper
167 100
166 22.6 17.4 26.2
139 12.5 9.7 14.5

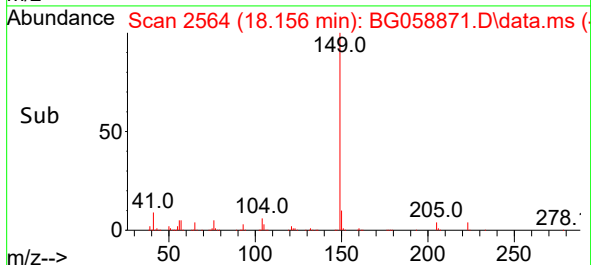
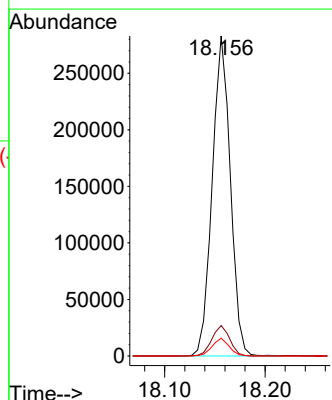
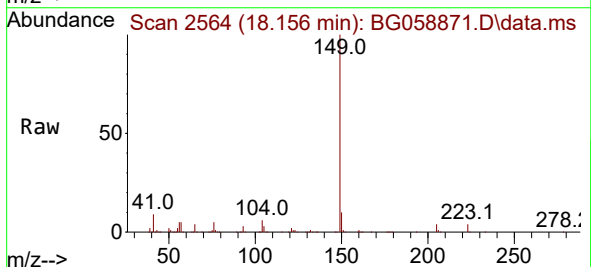
Manual Integrations
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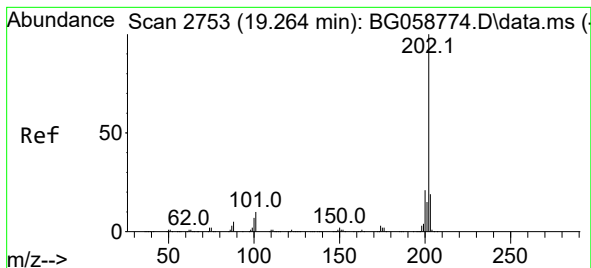
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#74
Di-n-butylphthalate
Concen: 55.176 ng
RT: 18.156 min Scan# 2564
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion:149 Resp: 355076
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 55.292 ng

RT: 19.255 min Scan# 21

Delta R.T. -0.022 min

Lab File: BG058871.D

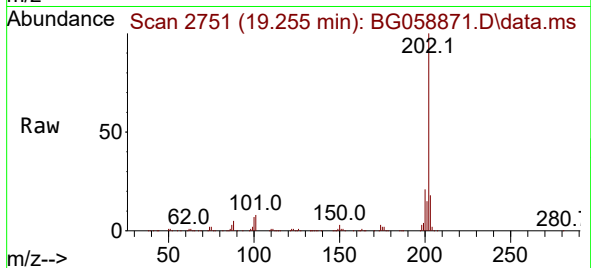
Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD



Tgt Ion:202 Resp: 380852

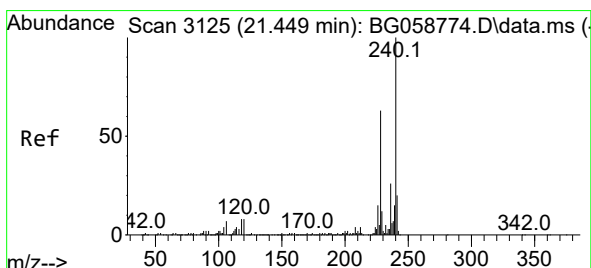
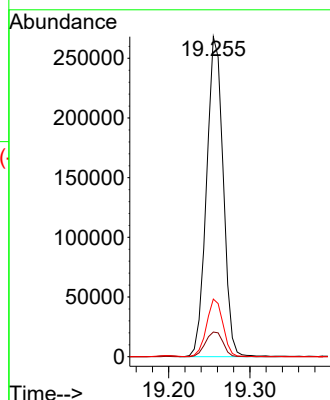
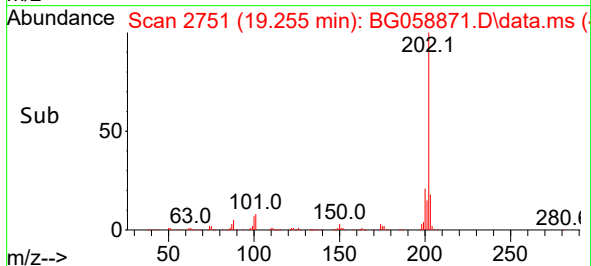
Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	29.7
203	18.0	0.0	38.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.441 min Scan# 3123

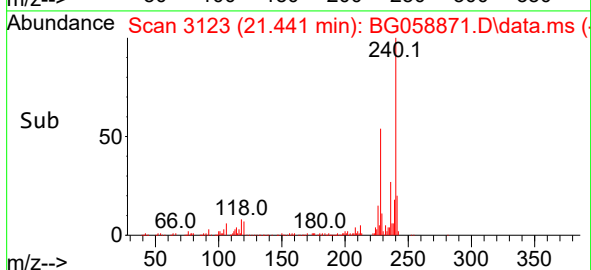
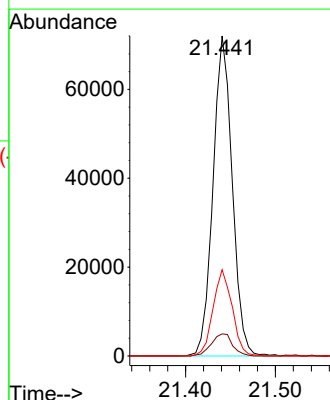
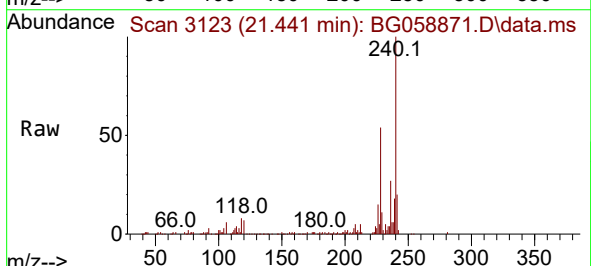
Delta R.T. -0.022 min

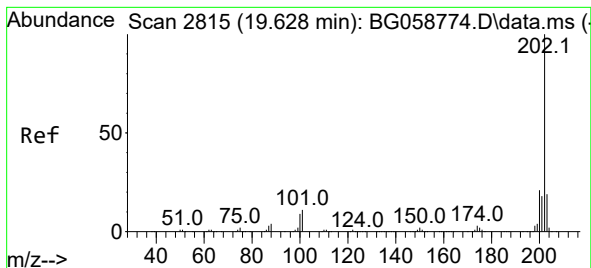
Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Tgt Ion:240 Resp: 107039

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.2	9.2
236	26.9	20.5	30.7





#78

Pyrene

Concen: 52.569 ng

RT: 19.619 min Scan# 2813

Delta R.T. -0.016 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD

Tgt Ion:202 Resp: 392060

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

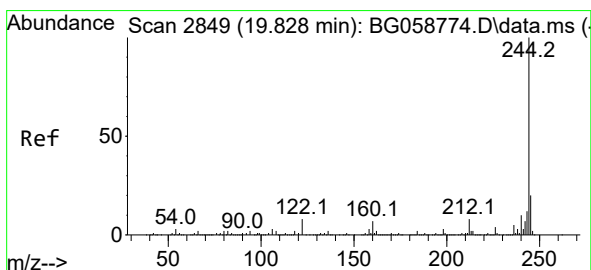
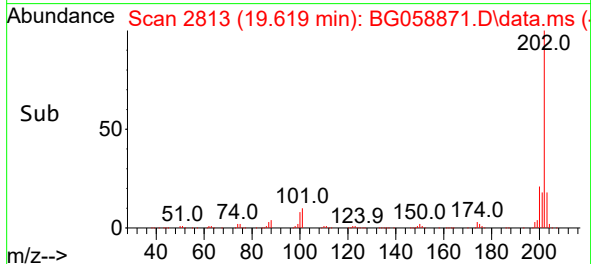
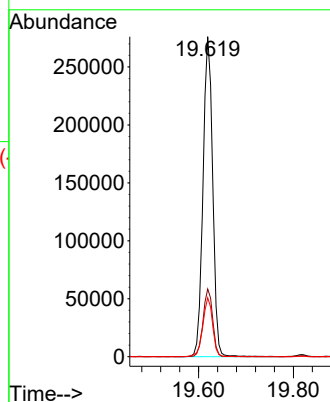
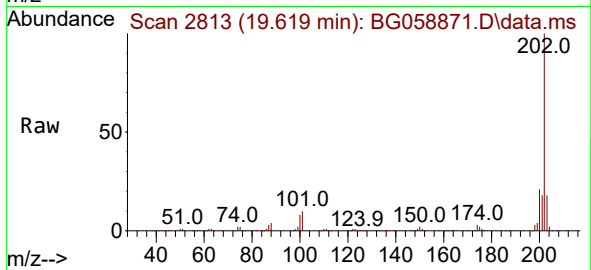
203 18.4 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#79

Terphenyl-d14

Concen: 103.773 ng

RT: 19.819 min Scan# 2847

Delta R.T. -0.016 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

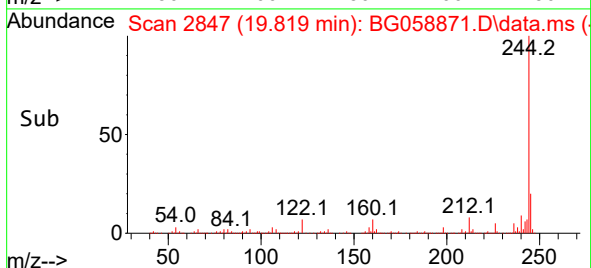
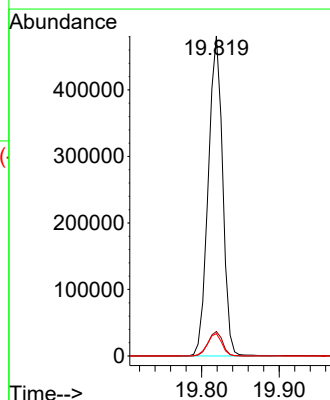
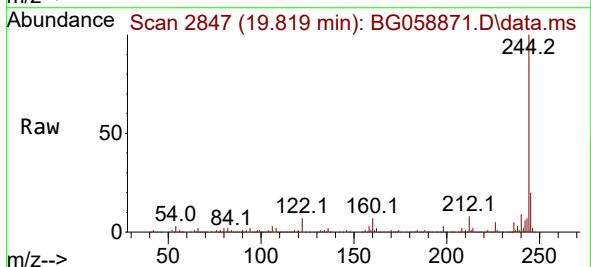
Tgt Ion:244 Resp: 618613

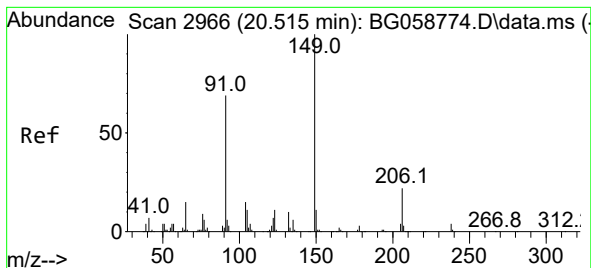
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

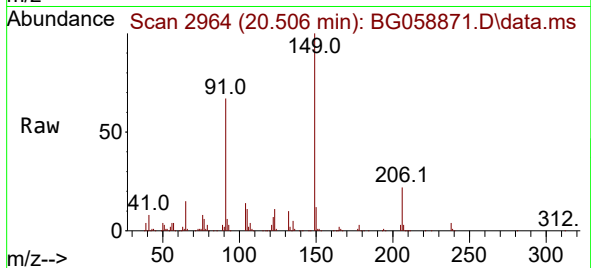
122 7.0 6.3 9.5





#80
Butylbenzylphthalate
Concen: 53.111 ng
RT: 20.506 min Scan# 2964
Delta R.T. -0.010 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

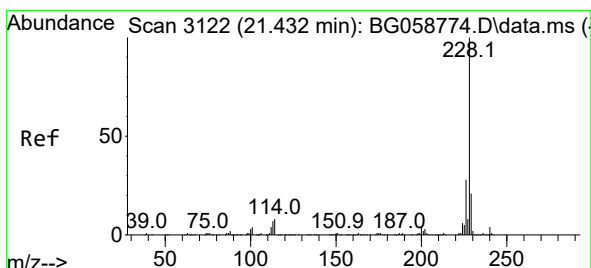
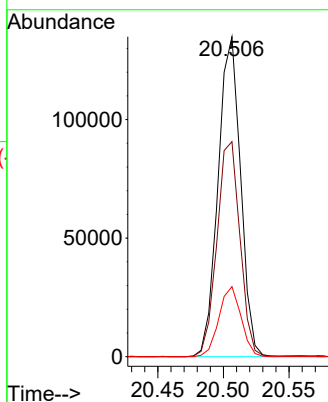
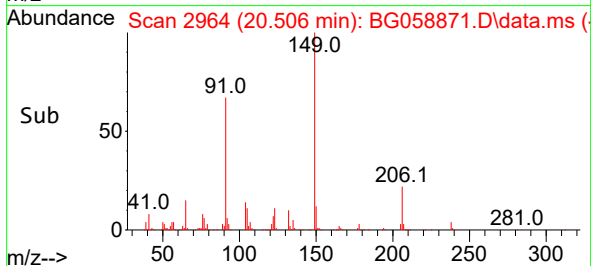
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:149 Resp: 160649
Ion Ratio Lower Upper
149 100
91 67.2 55.0 82.4
206 21.9 17.6 26.4

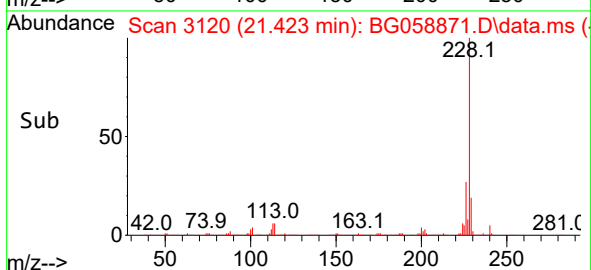
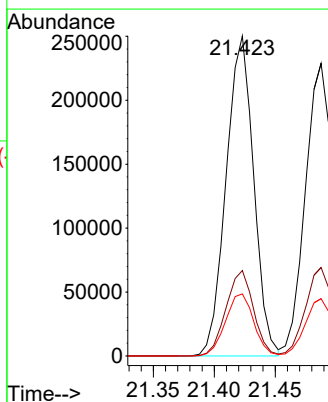
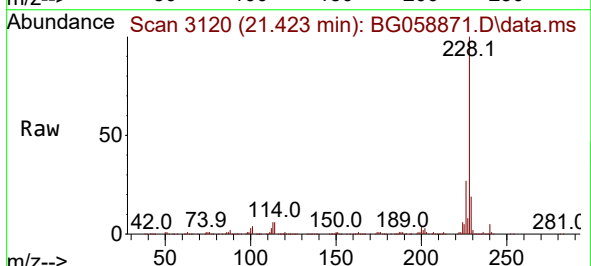
Manual Integrations
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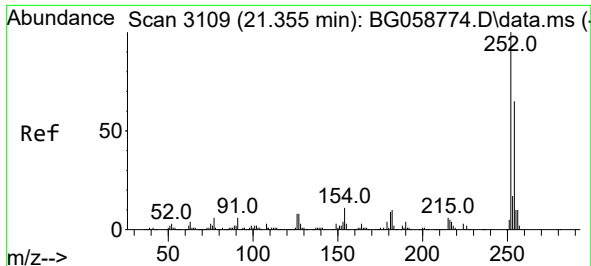
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#81
Benzo(a)anthracene
Concen: 52.878 ng
RT: 21.423 min Scan# 3120
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

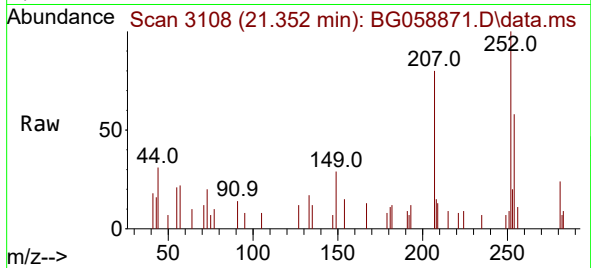
Tgt Ion:228 Resp: 393989
Ion Ratio Lower Upper
228 100
226 26.7 22.6 33.8
229 19.4 16.8 25.2





#82
3,3'-Dichlorobenzidine
Concen: 1.960 ng
RT: 21.352 min Scan# 3109
Delta R.T. -0.010 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

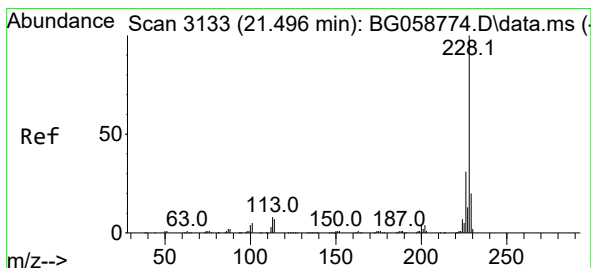
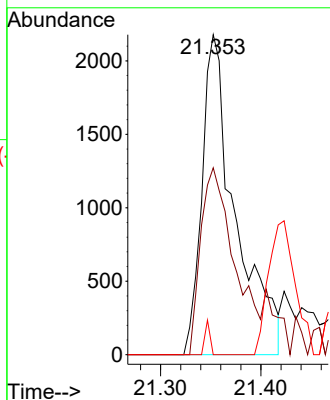
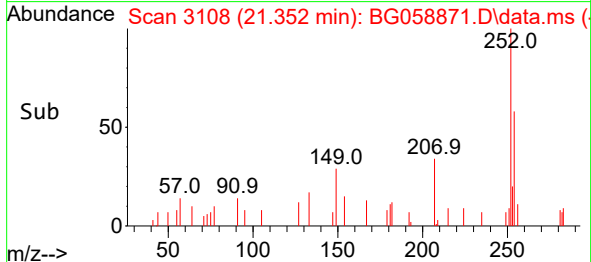
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:252 Resp: 504
Ion Ratio Lower Upper
252 100
254 58.4 51.8 77.6
126 0.0 6.6 9.8

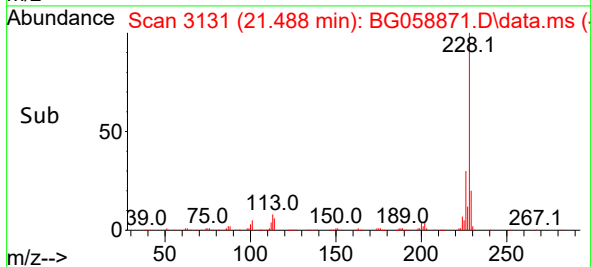
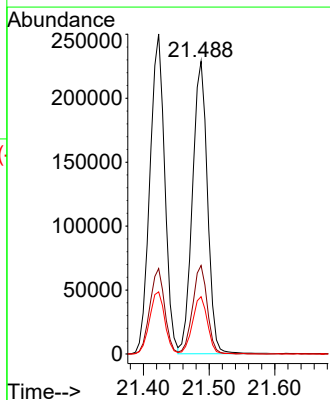
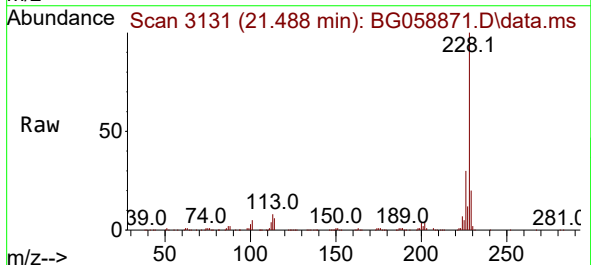
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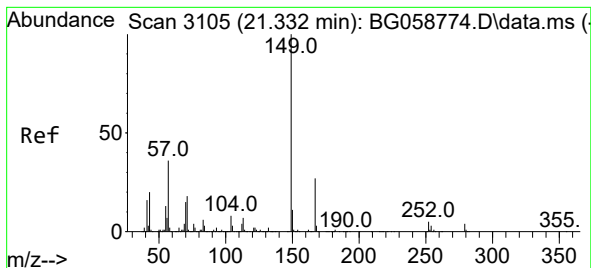
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#83
Chrysene
Concen: 50.621 ng
RT: 21.488 min Scan# 3131
Delta R.T. -0.016 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Tgt Ion:228 Resp: 363549
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.6 16.3 24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.692 ng

RT: 21.323 min Scan# 3105

Delta R.T. -0.016 min

Lab File: BG058871.D

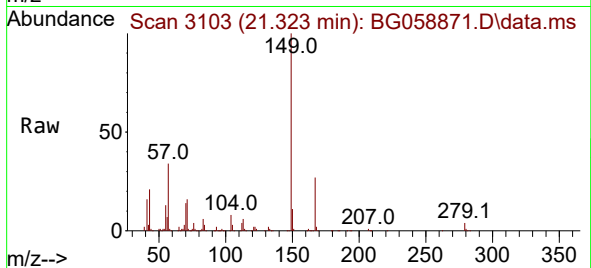
Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD



Tgt Ion:149 Resp: 22932

Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

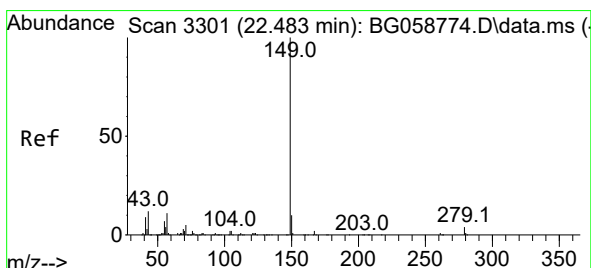
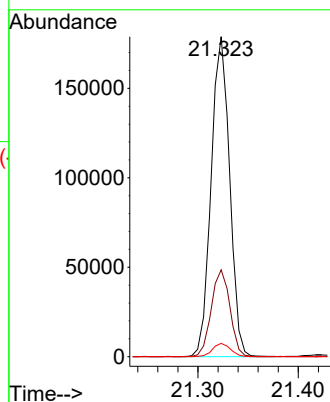
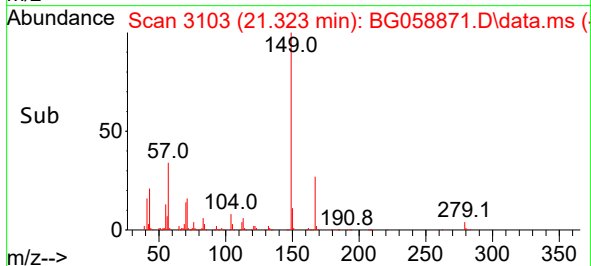
279 4.2 3.2 4.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#85

Di-n-octyl phthalate

Concen: 51.975 ng

RT: 22.469 min Scan# 3298

Delta R.T. -0.022 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

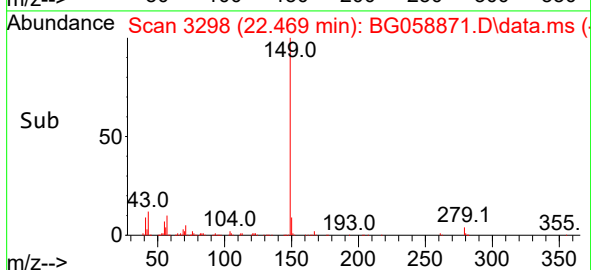
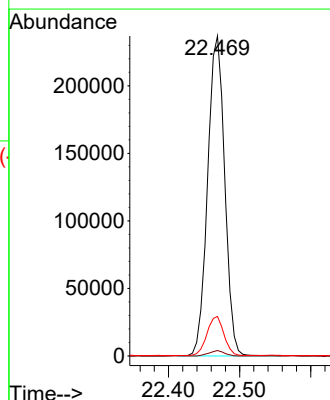
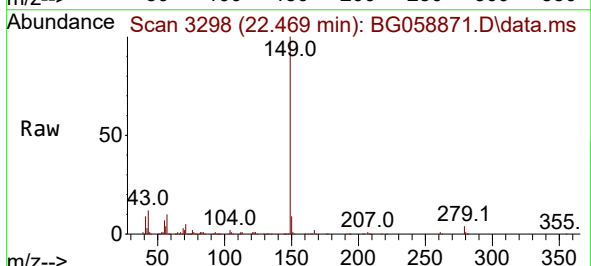
Tgt Ion:149 Resp: 396590

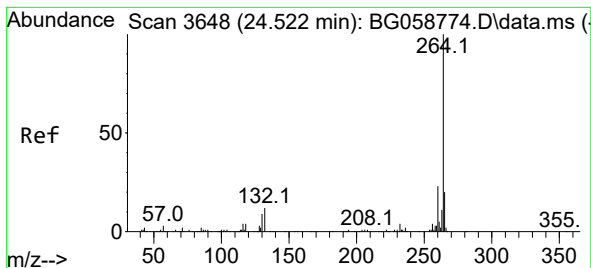
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.0 9.7 14.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.502 min Scan# 3

Delta R.T. -0.034 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

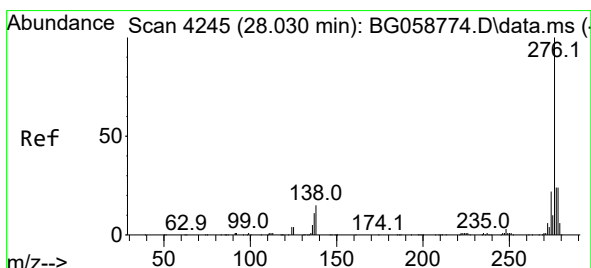
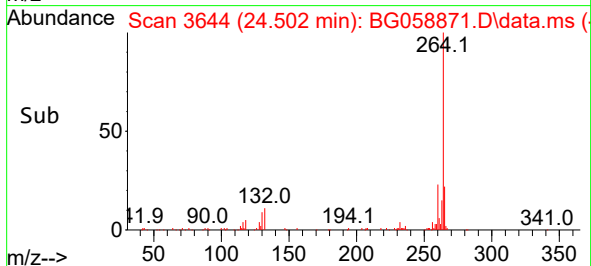
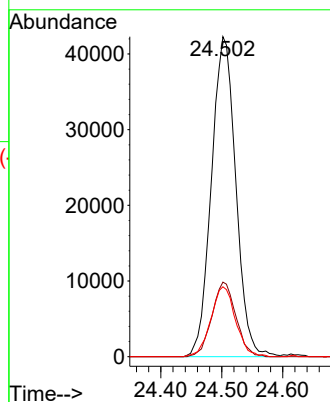
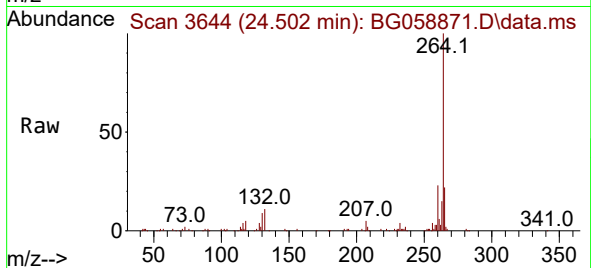
ClientSampleId :

IDW-W-20230822MSD

Tgt Ion:264 Resp: 11770
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.8 16.4 24.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 58.153 ng

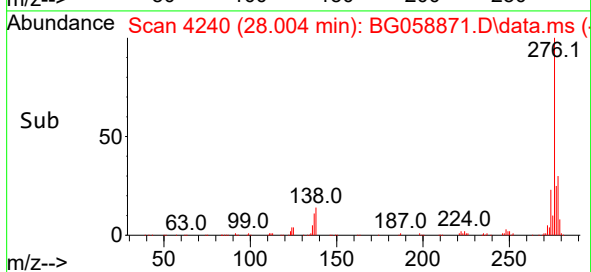
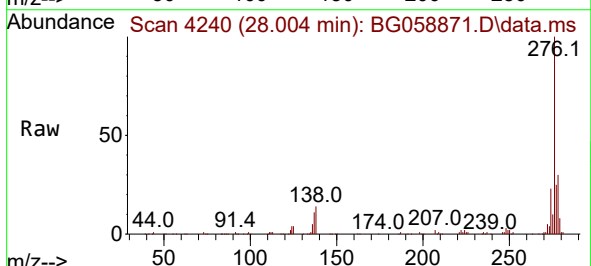
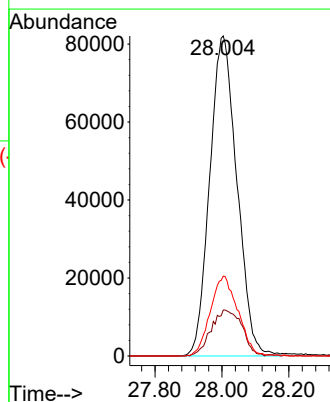
RT: 28.004 min Scan# 4240

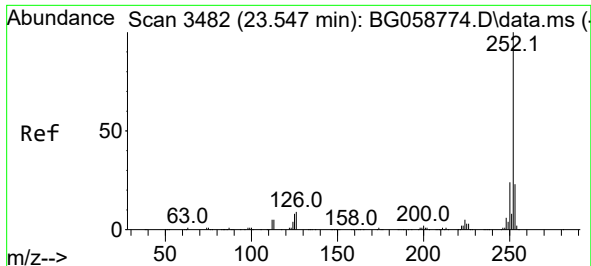
Delta R.T. -0.045 min

Lab File: BG058871.D

Acq: 28 Aug 2023 13:18

Tgt Ion:276 Resp: 463098
 Ion Ratio Lower Upper
 276 100
 138 16.2 6.2 9.2#
 277 25.3 20.4 30.6





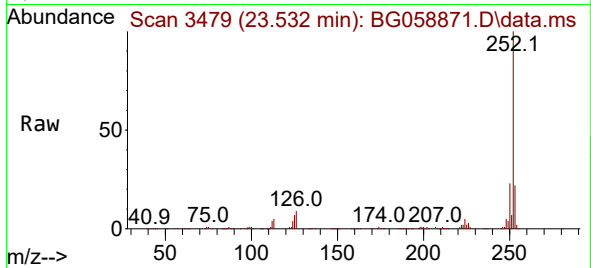
#88
Benzo(b)fluoranthene
Concen: 61.836 ng
RT: 23.532 min Scan# 3482
Delta R.T. -0.028 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Instrument :

BNA_G

ClientSampleId :

IDW-W-20230822MSD

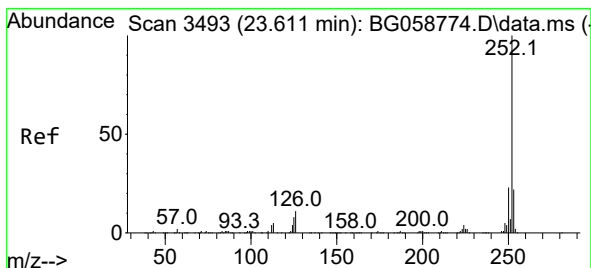
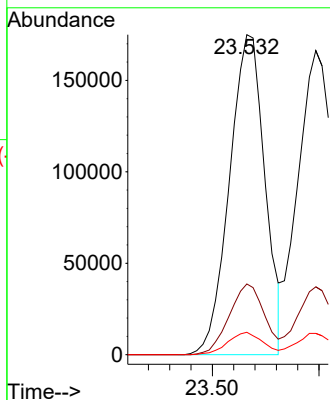
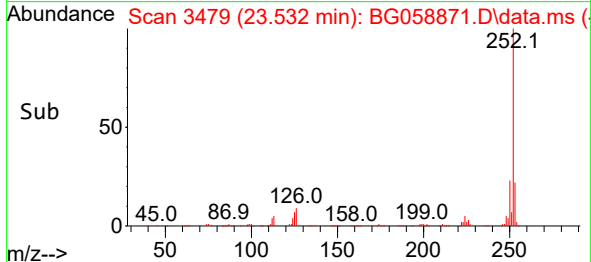


Tgt Ion:252 Resp: 403834
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 7.0 6.2 9.2

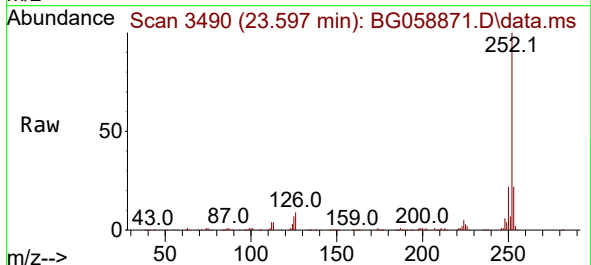
Manual Integrations

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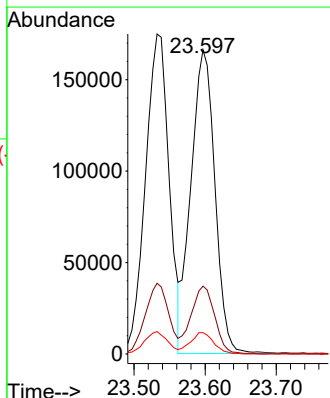
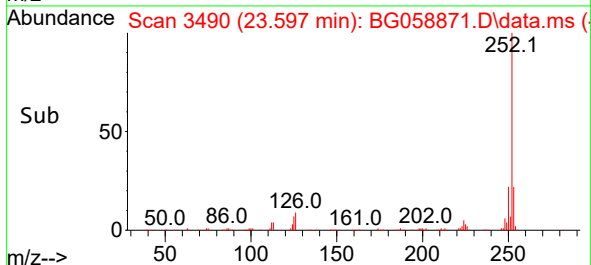
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

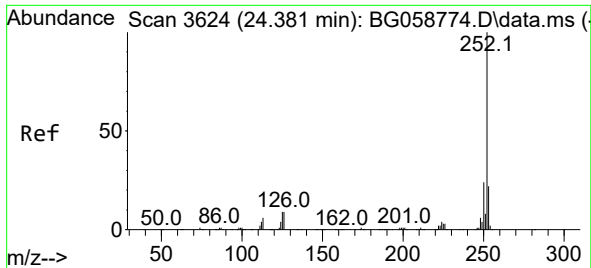


#89
Benzo(k)fluoranthene
Concen: 57.739 ng
RT: 23.597 min Scan# 3490
Delta R.T. -0.028 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18



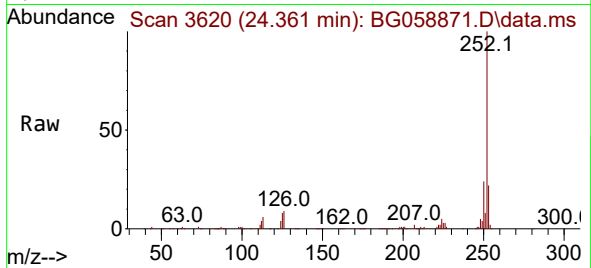
Tgt Ion:252 Resp: 388884
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 7.0 6.3 9.5





#90
Benzo(a)pyrene
Concen: 53.189 ng
RT: 24.361 min Scan# 30
Delta R.T. -0.034 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

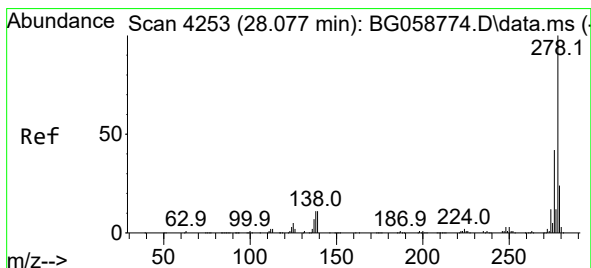
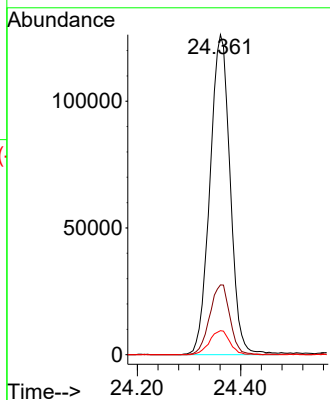
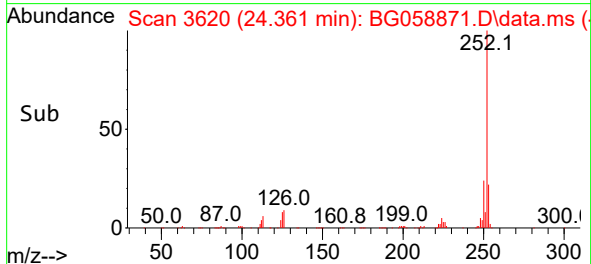
Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



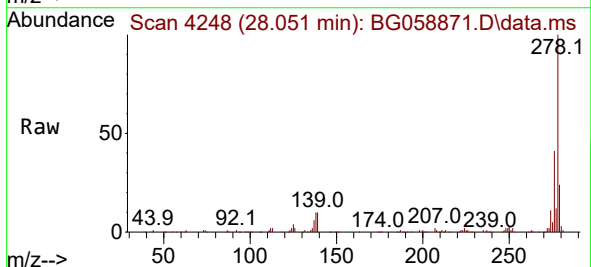
Tgt Ion:252 Resp: 34203
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.5 6.8 10.2

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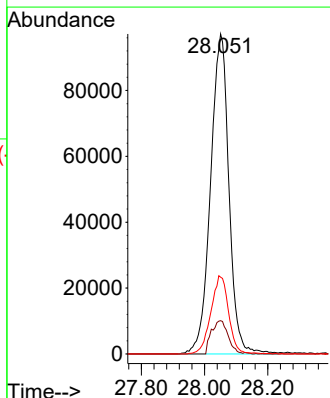
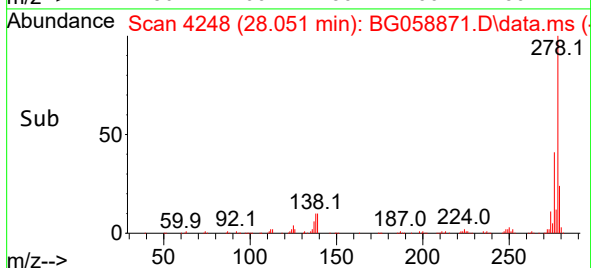
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

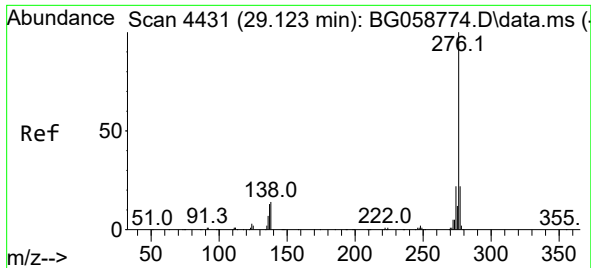


#91
Dibenzo(a,h)anthracene
Concen: 60.000 ng
RT: 28.051 min Scan# 4248
Delta R.T. -0.057 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18



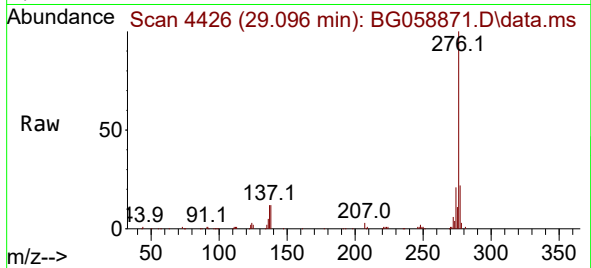
Tgt Ion:278 Resp: 392621
Ion Ratio Lower Upper
278 100
139 10.4 8.9 13.3
279 24.0 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 56.788 ng
RT: 29.096 min Scan# 44
Delta R.T. -0.057 min
Lab File: BG058871.D
Acq: 28 Aug 2023 13:18

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD



Tgt Ion:276 Resp: 371530
Ion Ratio Lower Upper
276 100
277 22.5 17.8 26.6
138 12.1 11.1 16.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

