

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058827.D
 Acq On : 23 Aug 2023 18:19
 Operator : MA/JU
 Sample : 04110-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD

Quant Time: Aug 24 02:45:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	17532	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	84055	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	67870	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	166761	20.000	ng	0.00
76) Chrysene-d12	21.450	240	138076	20.000	ng	0.00
86) Perylene-d12	24.511	264	176708	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	112564	103.322	ng	0.00
7) Phenol-d6	6.984	99	163168	106.750	ng	0.00
23) Nitrobenzene-d5	8.970	82	100521	57.496	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	97096	91.239	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	245510	52.613	ng	0.00
79) Terphenyl-d14	19.822	244	457655	59.515	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.259	88	19614	38.294	ng	97
3) Pyridine	3.653	79	49381	36.484	ng	95
4) n-Nitrosodimethylamine	3.576	42	33174	45.083	ng	95
6) Aniline	7.131	93	47101	25.208	ng	99
8) 2-Chlorophenol	7.372	128	65936	59.858	ng	99
9) Benzaldehyde	6.943	77	26246m	30.612	ng	
10) Phenol	7.008	94	90372	61.315	ng	98
11) bis(2-Chloroethyl)ether	7.225	93	56861	49.441	ng	99
12) 1,3-Dichlorobenzene	7.695	146	60619	51.808	ng	98
13) 1,4-Dichlorobenzene	7.842	146	60484	51.119	ng	97
14) 1,2-Dichlorobenzene	8.159	146	59812	52.302	ng	97
15) Benzyl Alcohol	8.048	79	66740	61.070	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.324	45	128552m	52.449	ng	
17) 2-Methylphenol	8.259	107	61670	56.968	ng	96
18) Hexachloroethane	8.882	117	22266	51.650	ng	94
19) n-Nitroso-di-n-propyla...	8.612	70	52463	53.098	ng	98
20) 3+4-Methylphenols	8.588	107	86654	59.539	ng	99
22) Acetophenone	8.629	105	102591	45.088	ng	99
24) Nitrobenzene	9.011	77	77318	44.465	ng	96
25) Isophorone	9.534	82	156638	45.052	ng	100
26) 2-Nitrophenol	9.722	139	36767	50.556	ng	98
27) 2,4-Dimethylphenol	9.787	122	64429	52.274	ng	96
28) bis(2-Chloroethoxy)met...	10.016	93	86464	46.949	ng	96
29) 2,4-Dichlorophenol	10.263	162	71817	56.704	ng	99
30) 1,2,4-Trichlorobenzene	10.468	180	71006	46.427	ng	98
31) Naphthalene	10.656	128	202089	45.790	ng	99
32) Benzoic acid	9.963	122	46173	59.560	ng	97
33) 4-Chloroaniline	10.774	127	31970	17.176	ng	97
34) Hexachlorobutadiene	10.933	225	46310	44.865	ng	97
35) Caprolactam	11.561	113	24946m	54.967	ng	
36) 4-Chloro-3-methylphenol	11.908	107	88583	56.242	ng	99
37) 2-Methylnaphthalene	12.272	142	150150	47.368	ng	98
38) 1-Methylnaphthalene	12.490	142	146198	48.587	ng	100
40) 1,2,4,5-Tetrachloroben...	12.642	216	90101	43.062	ng	99
41) Hexachlorocyclopentadiene	12.619	237	69186	83.608	ng	98
43) 2,4,6-Trichlorophenol	12.889	196	67801	50.926	ng	95

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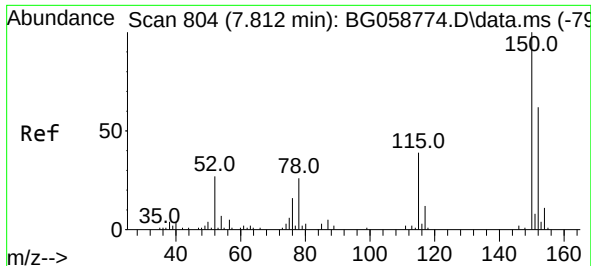
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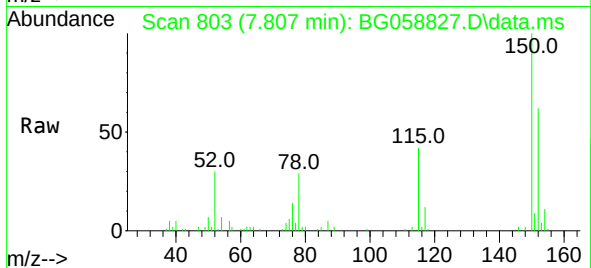
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.965	196	74793	46.913	ng	97
46) 1,1'-Biphenyl	13.289	154	209284	44.762	ng	97
47) 2-Chloronaphthalene	13.330	162	166746	45.765	ng	98
48) 2-Nitroaniline	13.541	65	65602	47.407	ng	93
49) Acenaphthylene	14.176	152	282819	46.807	ng	99
50) Dimethylphthalate	13.911	163	233513	44.436	ng	98
51) 2,6-Dinitrotoluene	14.041	165	52613	47.656	ng	95
52) Acenaphthene	14.522	154	158942	45.014	ng	98
53) 3-Nitroaniline	14.376	138	21113	19.828	ng	91
54) 2,4-Dinitrophenol	14.593	184	54387	87.441	ng	95
55) Dibenzofuran	14.857	168	276625	45.416	ng	100
56) 4-Nitrophenol	14.693	139	74293	95.529	ng	100
57) 2,4-Dinitrotoluene	14.834	165	74725	48.527	ng	96
58) Fluorene	15.504	166	223139	46.033	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	69124	53.132	ng	94
60) Diethylphthalate	15.275	149	246547	45.504	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	125682	46.779	ng	98
62) 4-Nitroaniline	15.539	138	50052	46.319	ng	96
63) Azobenzene	15.792	77	226637	45.555	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	44837	47.567	ng	97
66) n-Nitrosodiphenylamine	15.715	169	199994	46.531	ng	96
67) 4-Bromophenyl-phenylether	16.391	248	85317	46.622	ng	99
68) Hexachlorobenzene	16.508	284	95572	48.526	ng	98
69) Atrazine	16.667	200	82759	54.408	ng	99
70) Pentachlorophenol	16.861	266	86090	83.360	ng	96
71) Phenanthrene	17.243	178	363179	45.365	ng	100
72) Anthracene	17.337	178	372684	46.415	ng	99
73) Carbazole	17.613	167	337476	45.898	ng	99
74) Di-n-butylphthalate	18.159	149	419569	45.234	ng	99
75) Fluoranthene	19.258	202	434029	43.718	ng	99
77) Benzidine	19.446	184	114950	46.452	ng	97
78) Pyrene	19.622	202	444180	46.169	ng	98
80) Butylbenzylphthalate	20.510	149	188785	48.384	ng	99
81) Benzo(a)anthracene	21.426	228	451954	47.023	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	93946	28.312	ng	98
83) Chrysene	21.491	228	415169	44.814	ng	98
84) Bis(2-ethylhexyl)phtha...	21.326	149	271206	47.391	ng	100
85) Di-n-octyl phthalate	22.478	149	474216	48.178	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	557408	46.624	ng	100
88) Benzo(b)fluoranthene	23.547	252	481307	49.090	ng	99
89) Benzo(k)fluoranthene	23.612	252	450209	44.524	ng	99
90) Benzo(a)pyrene	24.376	252	423298	43.846	ng	99
91) Dibenzo(a,h)anthracene	28.077	278	461874	47.015	ng	99
92) Benzo(g,h,i)perylene	29.117	276	453719	46.193	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

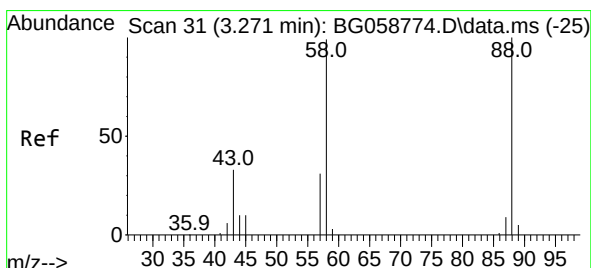
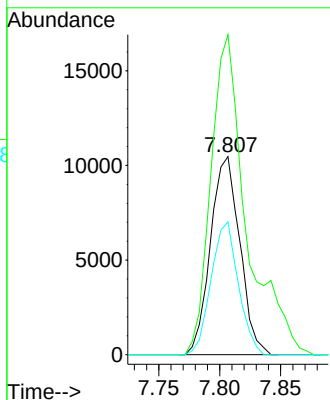
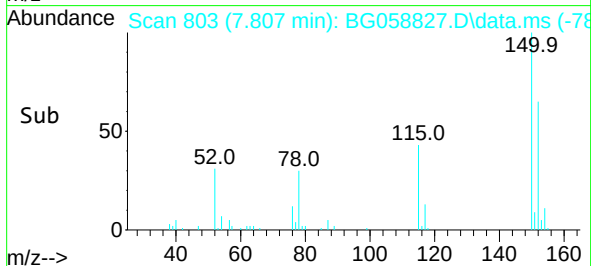
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



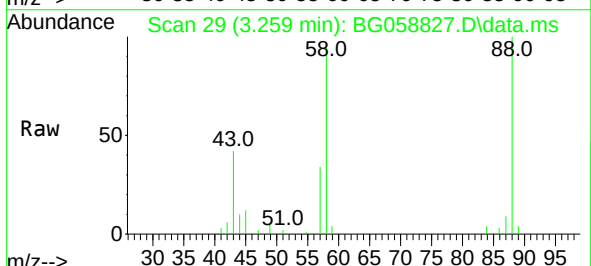
Tgt Ion:152 Resp: 1753
Ion Ratio Lower Upper
152 100
150 161.5 128.6 192.8
115 67.1 50.4 75.6

Manual Integrations
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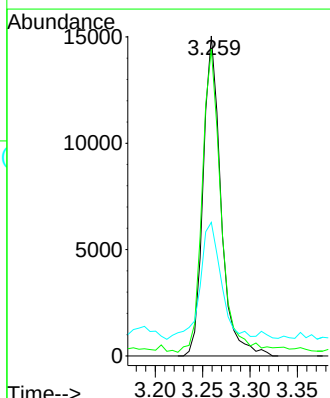
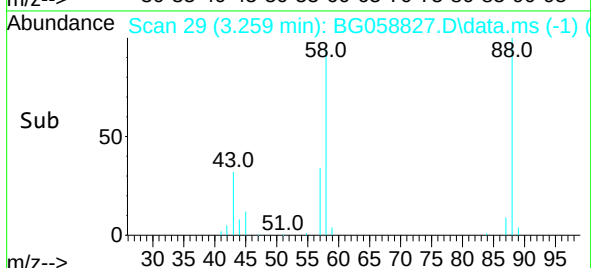
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

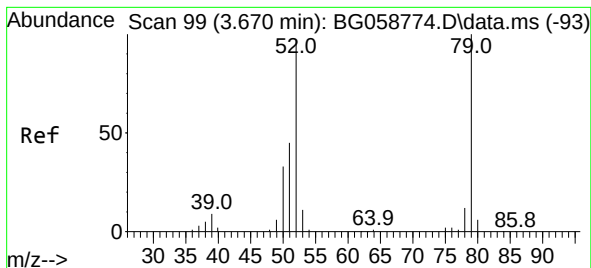


#2
1,4-Dioxane
Concen: 38.294 ng
RT: 3.259 min Scan# 29
Delta R.T. -0.011 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



Tgt Ion: 88 Resp: 19614
Ion Ratio Lower Upper
88 100
58 102.3 82.8 124.2
43 43.2 30.1 45.1





#3

Pyridine

Concen: 36.484 ng

RT: 3.653 min Scan# 90

Delta R.T. -0.017 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

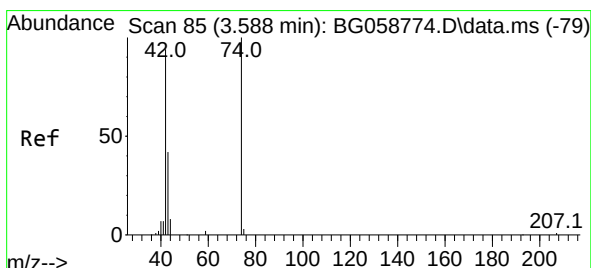
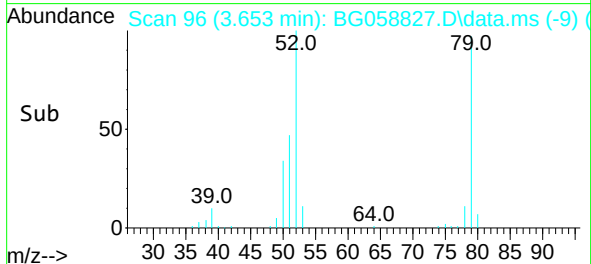
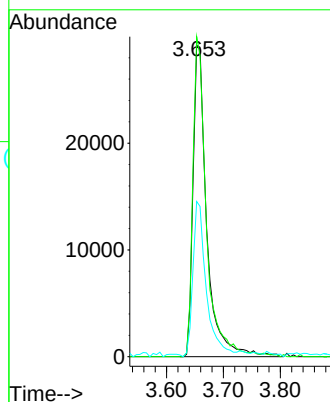
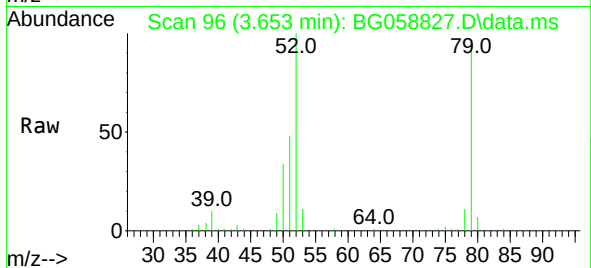
Tgt Ion: 79	Resp: 4938
Ion Ratio	Lower Upper
79	100
52	102.8 77.6 116.4
51	49.9 37.5 56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 45.083 ng

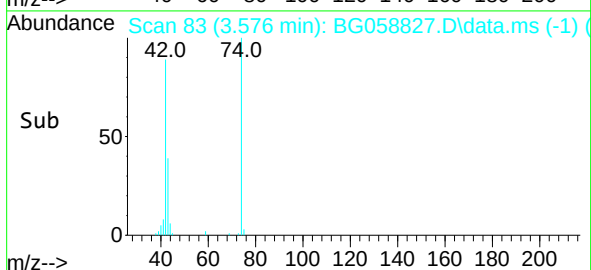
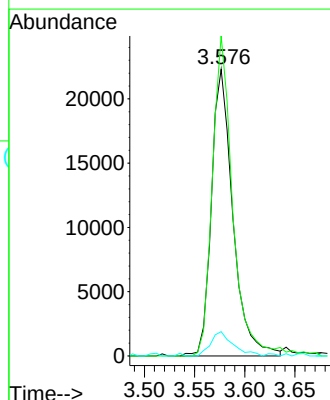
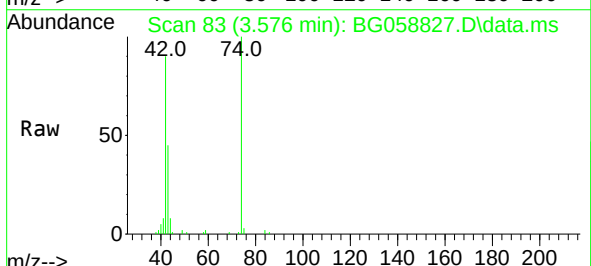
RT: 3.576 min Scan# 83

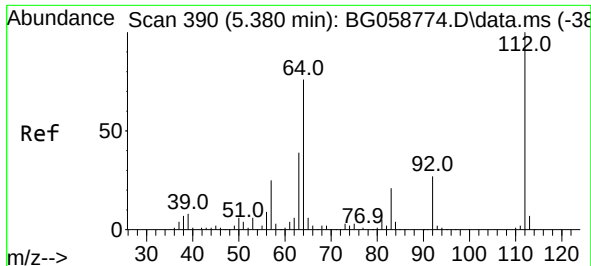
Delta R.T. -0.011 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

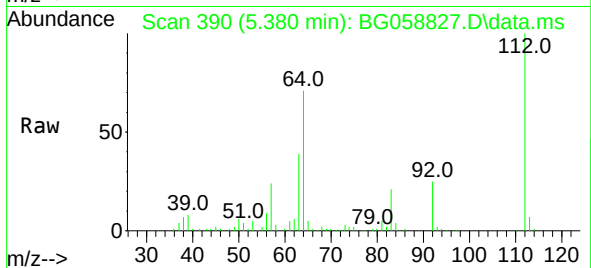
Tgt Ion: 42	Resp: 33174
Ion Ratio	Lower Upper
42	100
74	111.6 85.1 127.7
44	8.5 6.9 10.3





#5
2-Fluorophenol
Concen: 103.322 ng
RT: 5.380 min Scan# 390
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

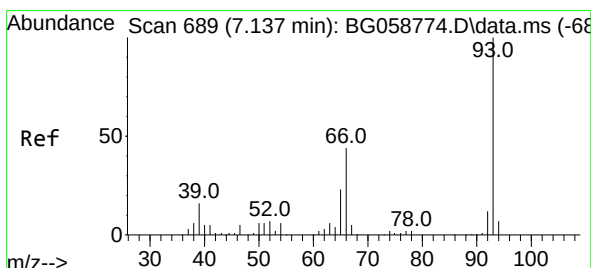
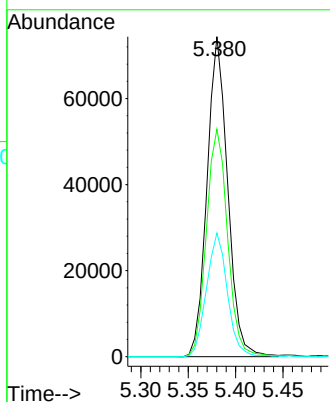
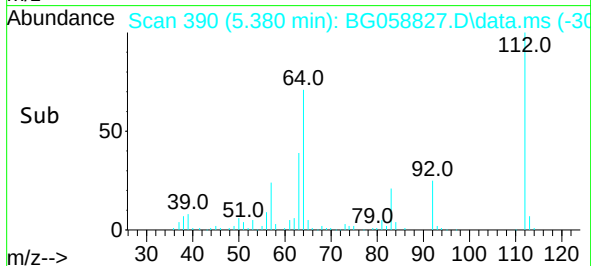
Instrument :
BNA_G
ClientSampleId :
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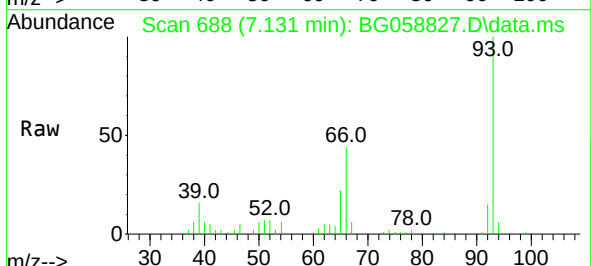
Tgt Ion:112 Resp: 112564
Ion Ratio Lower Upper
112 100
64 71.1 60.6 90.8
63 38.7 31.0 46.4

Manual Integrations
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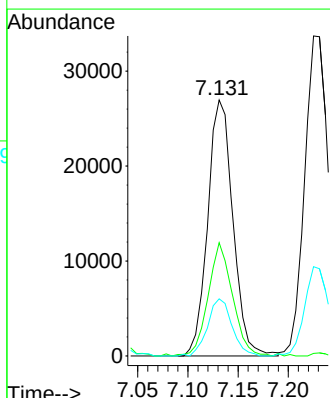
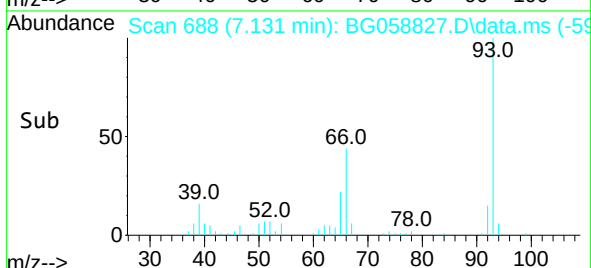
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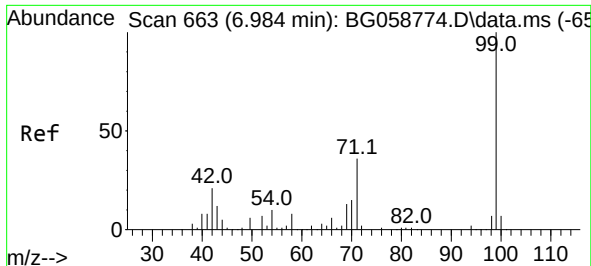


#6
Aniline
Concen: 25.208 ng
RT: 7.131 min Scan# 688
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



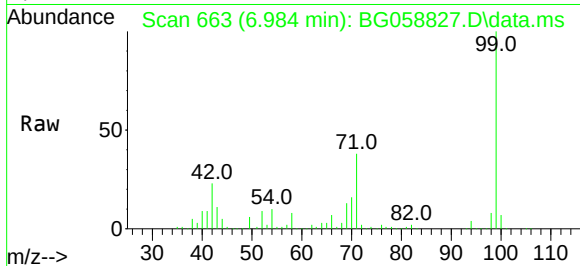
Tgt Ion: 93 Resp: 47101
Ion Ratio Lower Upper
93 100
66 44.3 35.7 53.5
65 22.3 18.2 27.2





#7
Phenol-d6
Concen: 106.750 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

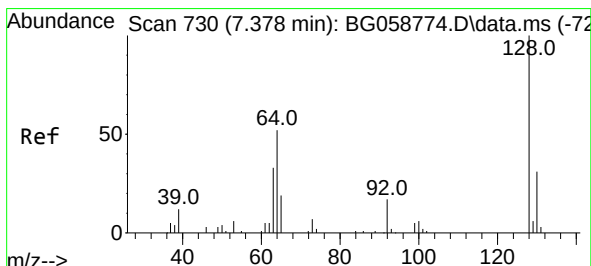
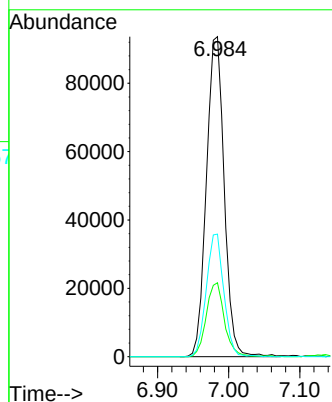
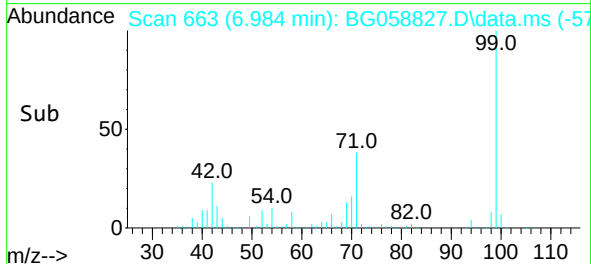
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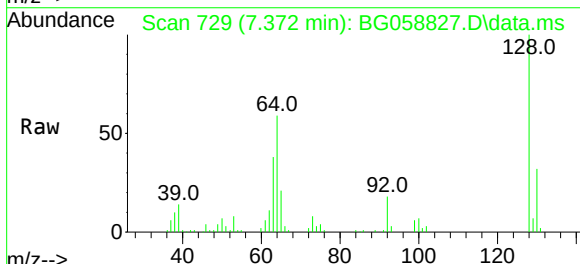
Tgt Ion: 99 Resp: 16316
Ion Ratio Lower Upper
99 100
42 23.1 16.5 24.7
71 38.3 28.4 42.6

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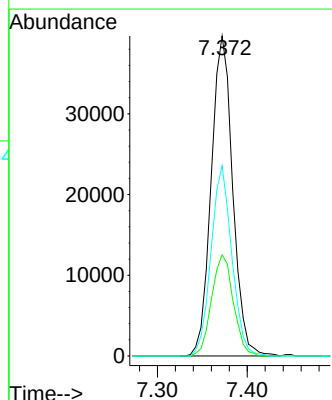
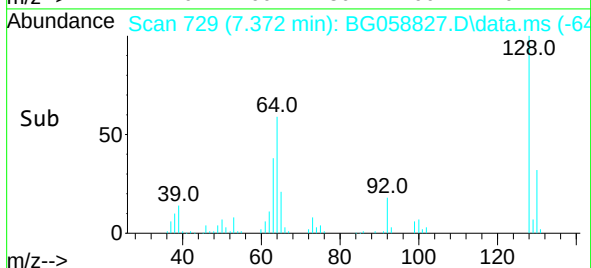
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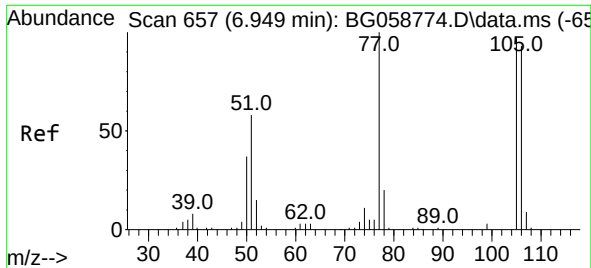


#8
2-Chlorophenol
Concen: 59.858 ng
RT: 7.372 min Scan# 729
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



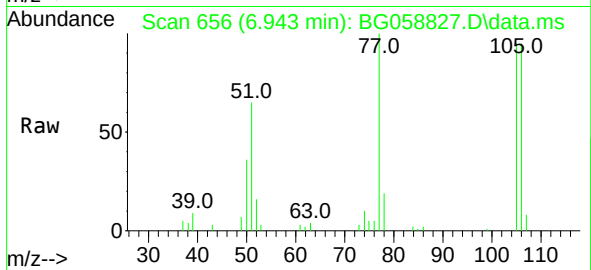
Tgt Ion:128 Resp: 65936
Ion Ratio Lower Upper
128 100
130 31.6 10.9 50.9
64 59.4 38.4 78.4





#9
Benzaldehyde
Concen: 30.612 ng m
RT: 6.943 min Scan# 657
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

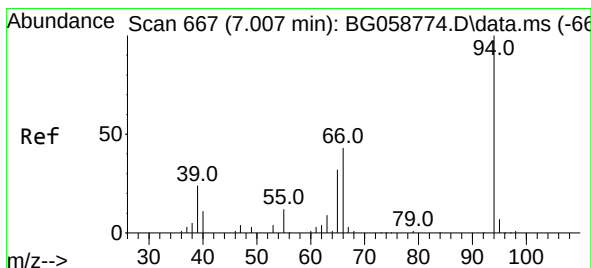
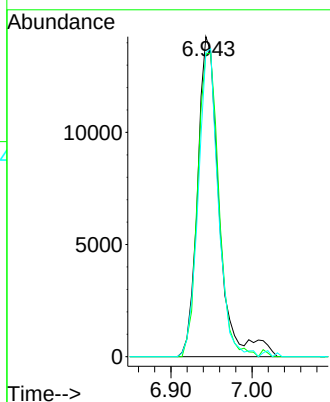
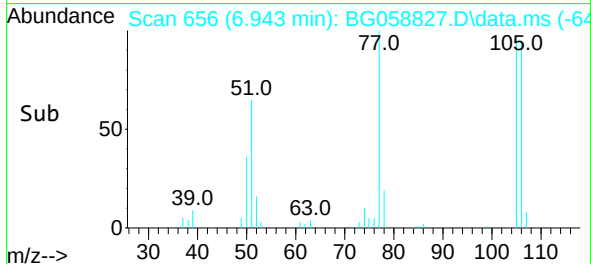
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 26240
Ion Ratio Lower Upper
77 100
105 94.7 76.7 116.7
106 95.1 73.4 113.4

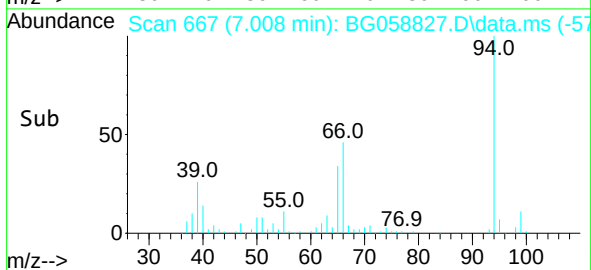
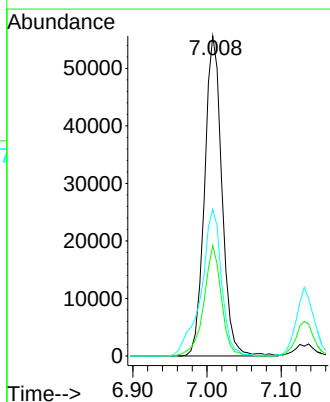
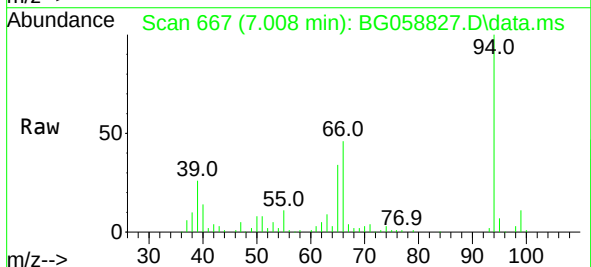
Manual Integrations
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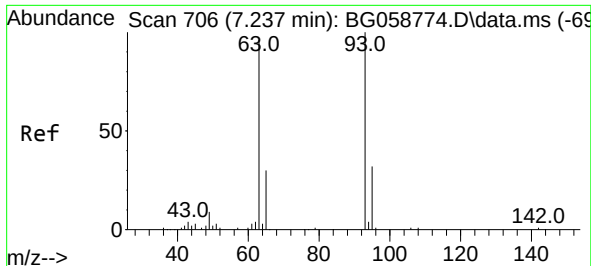
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#10
Phenol
Concen: 61.315 ng
RT: 7.008 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

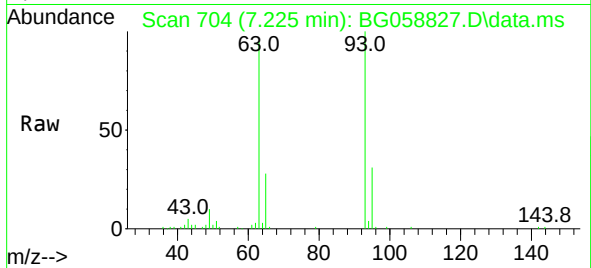
Tgt Ion: 94 Resp: 90372
Ion Ratio Lower Upper
94 100
65 34.5 12.6 52.6
66 45.8 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 49.441 ng
RT: 7.225 min Scan# 706
Delta R.T. -0.011 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

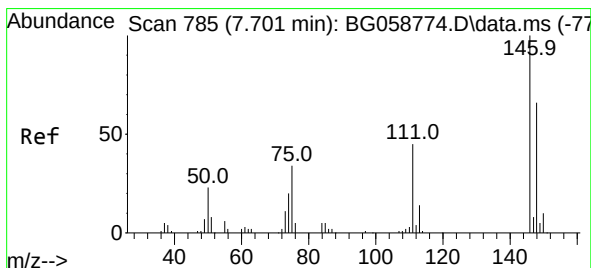
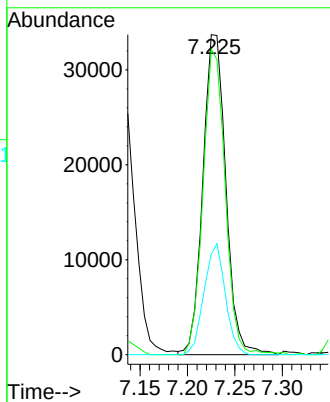
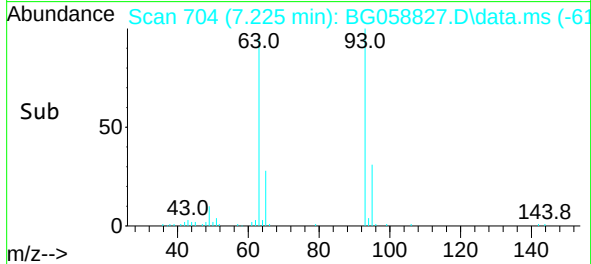
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



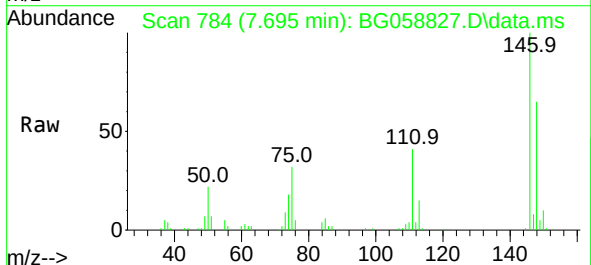
Tgt Ion: 93 Resp: 5686
Ion Ratio Lower Upper
93 100
63 95.4 74.8 114.8
95 31.5 12.1 52.1

Manual Integrations
APPROVED

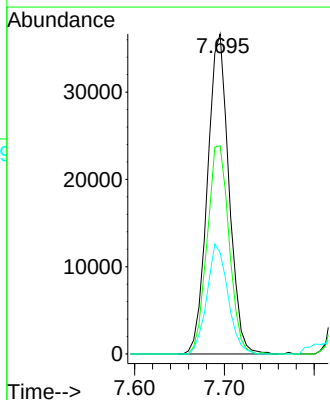
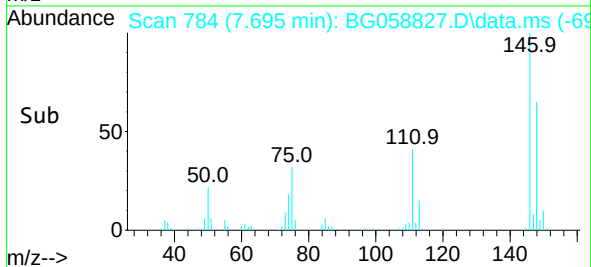
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

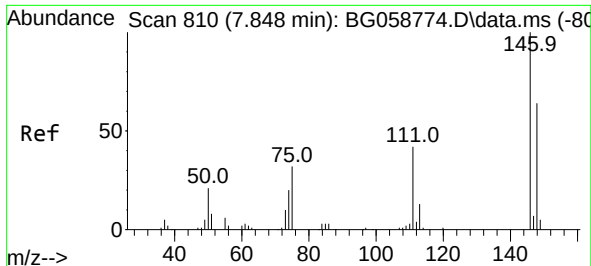


#12
1,3-Dichlorobenzene
Concen: 51.808 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



Tgt Ion:146 Resp: 60619
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
75 31.7 27.6 41.4





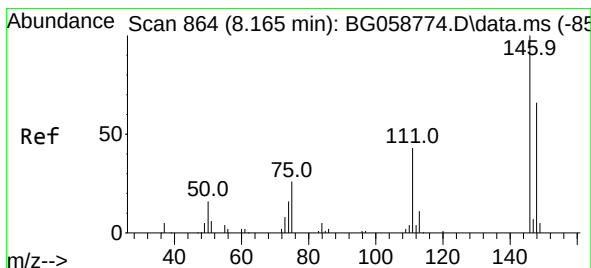
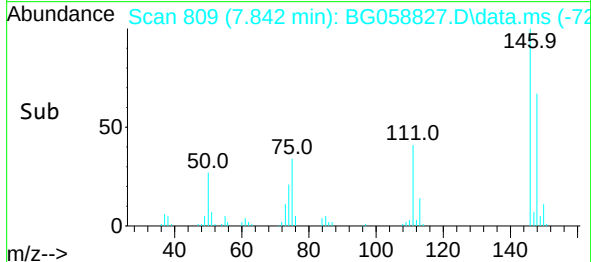
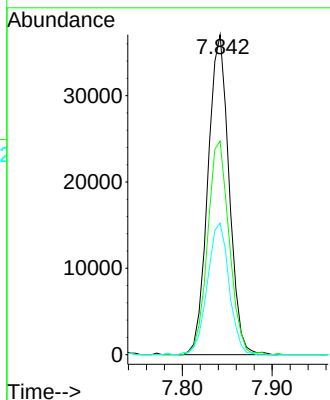
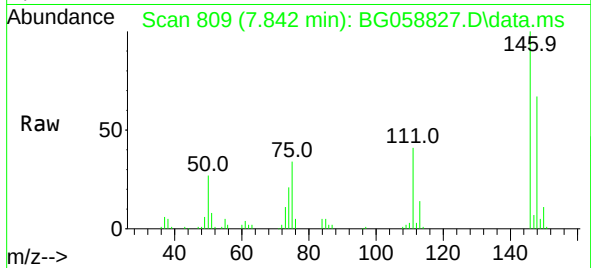
#13
1,4-Dichlorobenzene
Concen: 51.119 ng
RT: 7.842 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

Tgt Ion:146 Resp: 60484
Ion Ratio Lower Upper
146 100
148 66.7 51.3 76.9
111 41.1 33.8 50.8

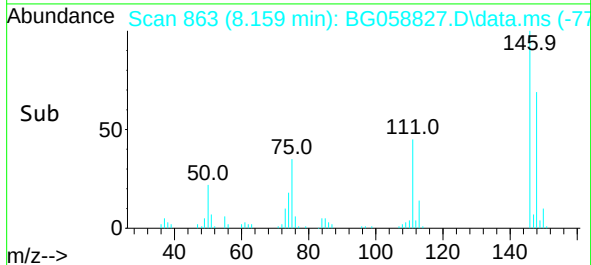
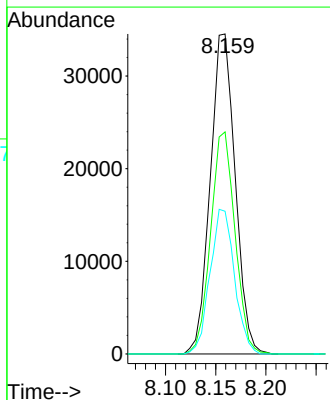
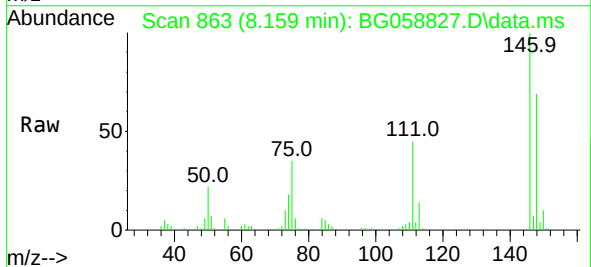
Manual Integrations
APPROVED

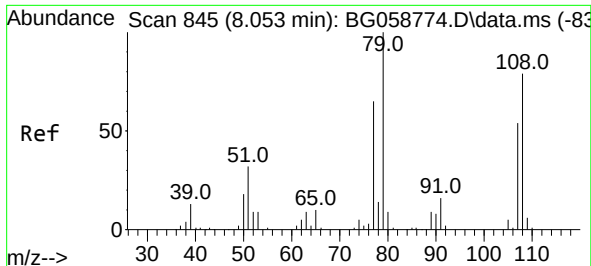
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#14
1,2-Dichlorobenzene
Concen: 52.302 ng
RT: 8.159 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:146 Resp: 59812
Ion Ratio Lower Upper
146 100
148 69.4 52.9 79.3
111 44.6 35.5 53.3





#15
Benzyl Alcohol
Concen: 61.070 ng
RT: 8.048 min Scan# 845
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

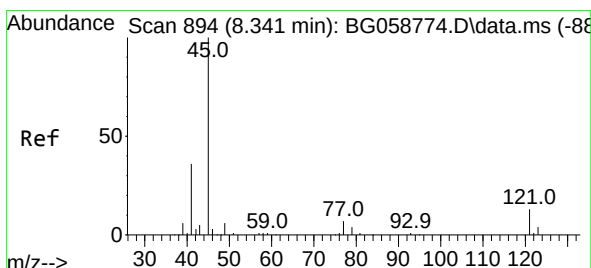
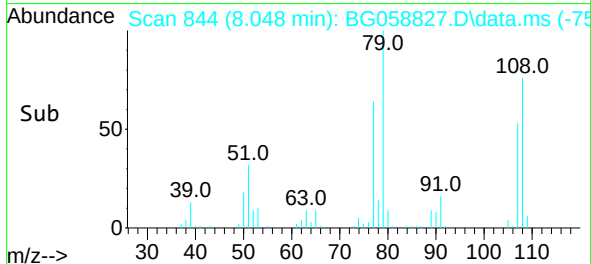
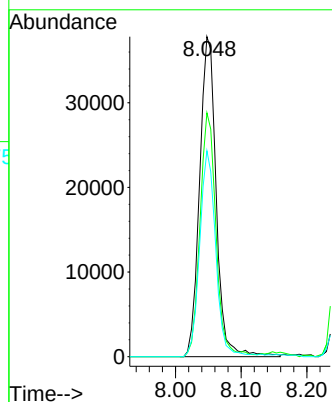
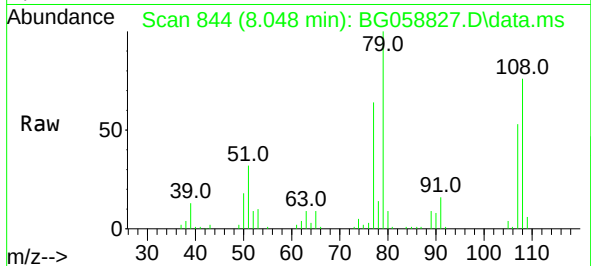
ClientSampleId :

TP-04(1-2)MSD

Tgt Ion: 79 Resp: 66740
Ion Ratio Lower Upper
79 100
108 76.2 63.4 95.0
77 64.4 52.2 78.2

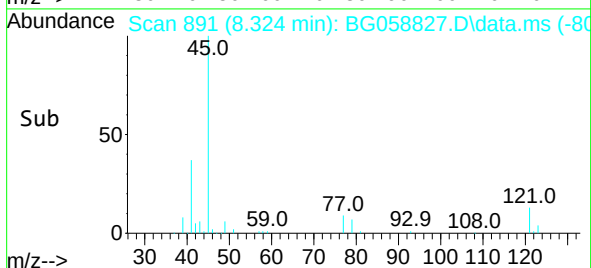
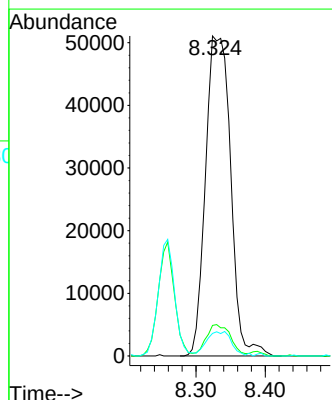
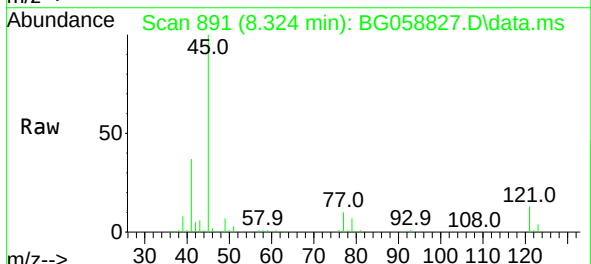
Manual Integrations
APPROVED

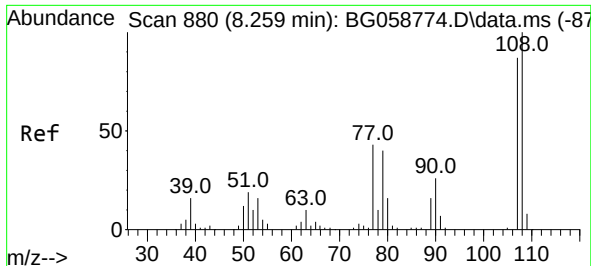
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.449 ng m
RT: 8.324 min Scan# 891
Delta R.T. -0.017 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

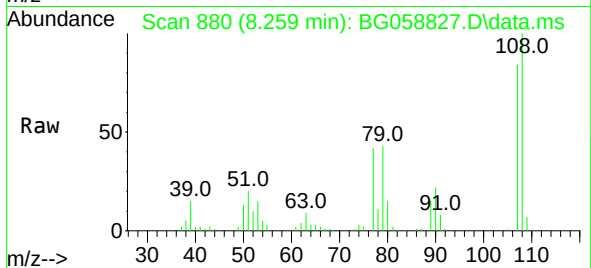
Tgt Ion: 45 Resp: 128552
Ion Ratio Lower Upper
45 100
77 9.6 0.0 30.3
79 7.1 0.0 27.7





#17
2-Methylphenol
Concen: 56.968 ng
RT: 8.259 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

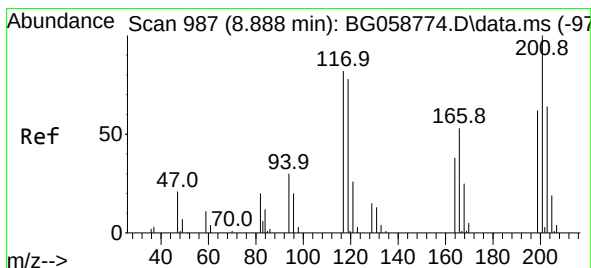
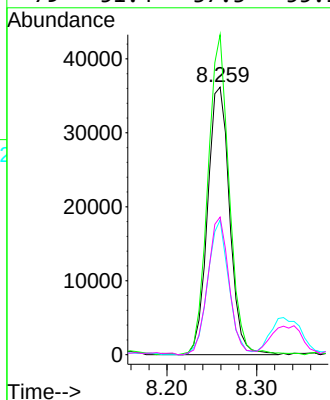
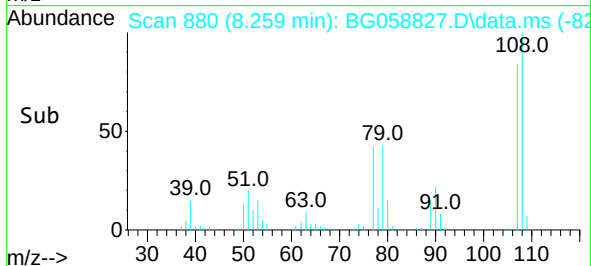
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



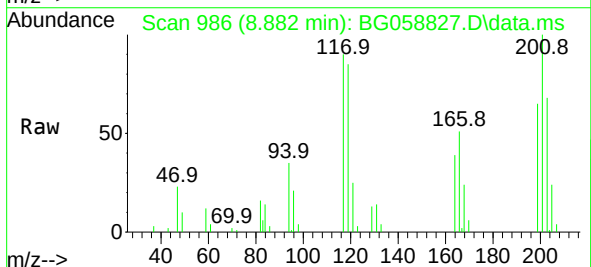
Tgt Ion:107 Resp: 61670
Ion Ratio Lower Upper
107 100
108 119.6 92.2 138.2
77 50.3 40.0 60.0
79 51.4 37.3 55.9

Manual Integrations
APPROVED

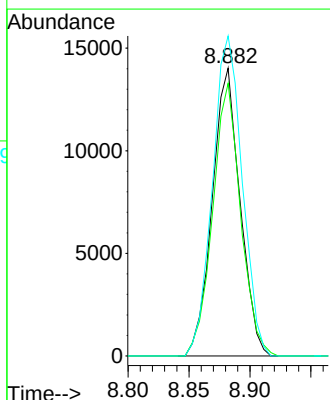
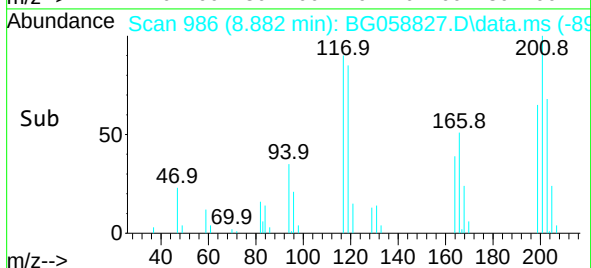
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

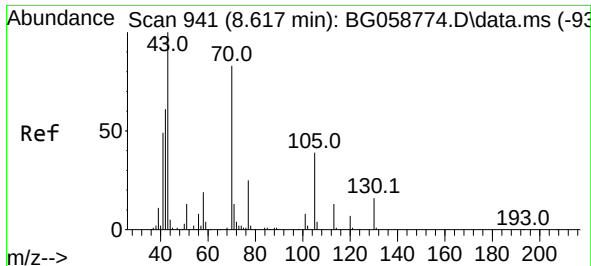


#18
Hexachloroethane
Concen: 51.650 ng
RT: 8.882 min Scan# 986
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



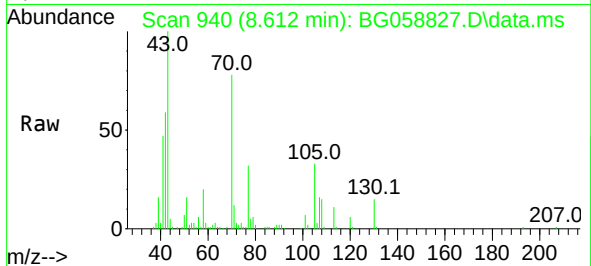
Tgt Ion:117 Resp: 22266
Ion Ratio Lower Upper
117 100
119 94.7 76.6 115.0
201 111.2 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 53.098 ng
RT: 8.612 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

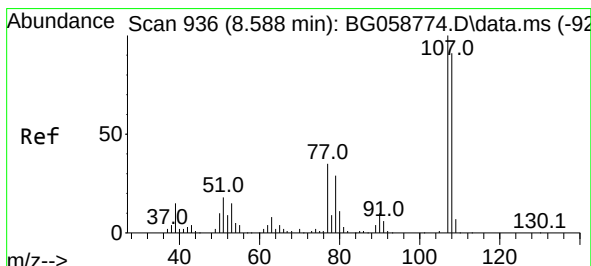
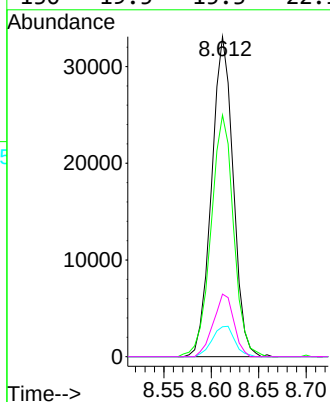
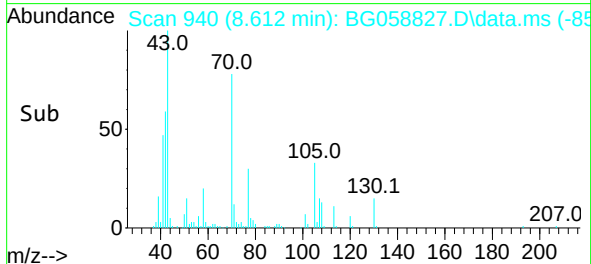
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



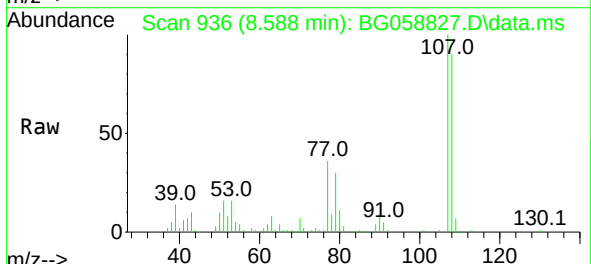
Tgt Ion: 70 Resp: 5246
Ion Ratio Lower Upper
70 100
42 75.5 59.2 88.8
101 9.3 8.2 12.2
130 19.5 15.3 22.9

Manual Integrations
APPROVED

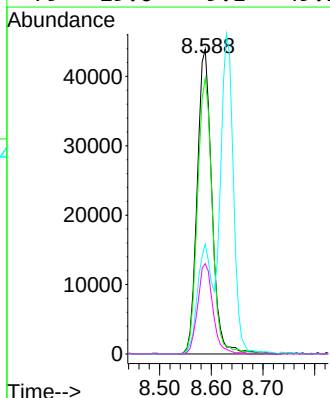
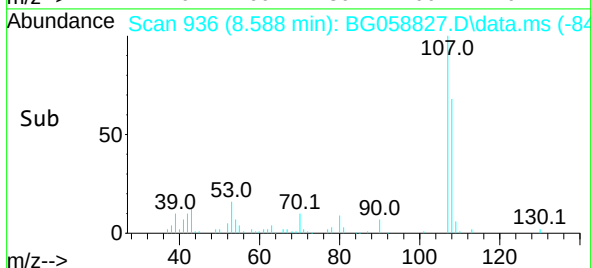
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

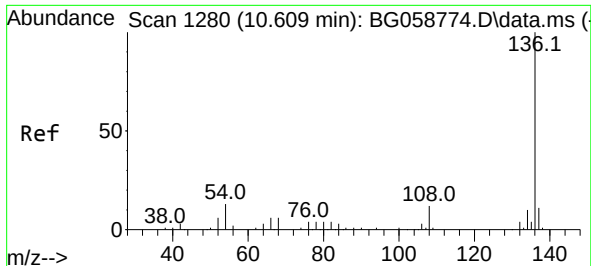


#20
3+4-Methylphenols
Concen: 59.539 ng
RT: 8.588 min Scan# 936
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



Tgt Ion:107 Resp: 86654
Ion Ratio Lower Upper
107 100
108 90.4 70.6 110.6
77 36.0 14.8 54.8
79 29.6 9.1 49.1





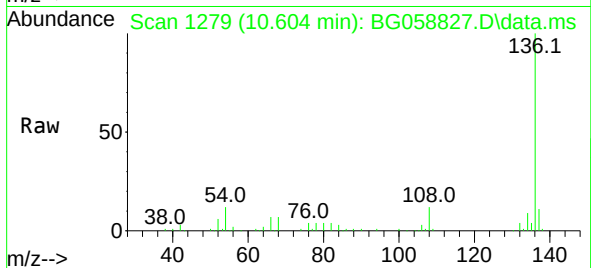
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 136
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD



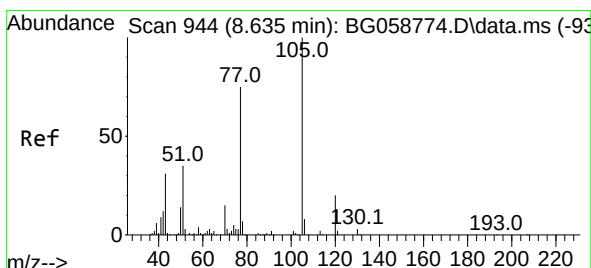
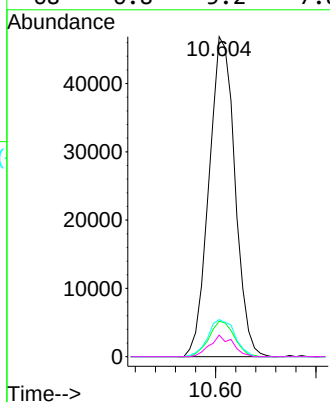
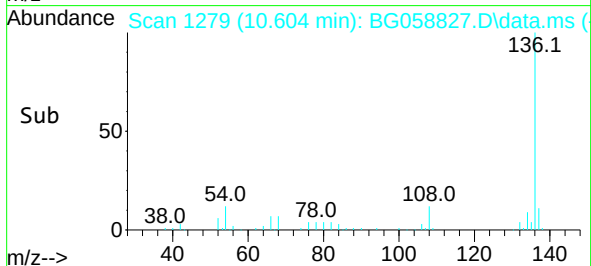
Tgt Ion:136 Resp: 84058
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 11.6 10.1 15.1
68 6.8 5.2 7.8

Manual Integrations

APPROVED

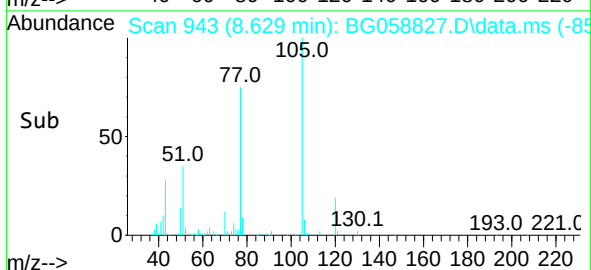
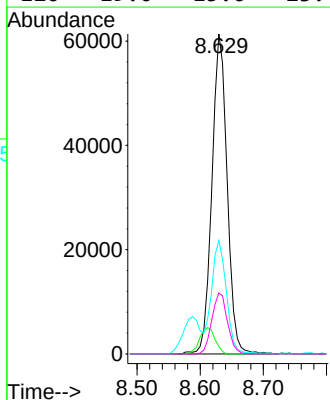
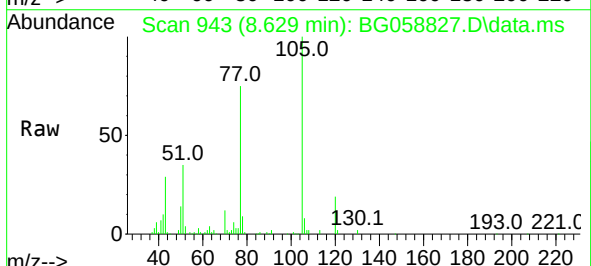
Reviewed By :Yogesh Patel 08/24/2023

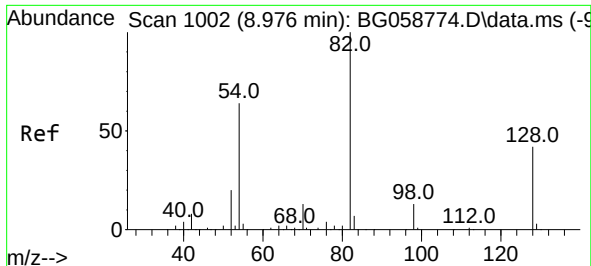
Supervised By :mohammad ahmed 08/24/2023



#22
Acetophenone
Concen: 45.088 ng
RT: 8.629 min Scan# 943
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:105 Resp: 102591
Ion Ratio Lower Upper
105 100
71 2.4 2.2 3.2
51 35.4 28.5 42.7
120 19.0 15.6 23.4





#23

Nitrobenzene-d5

Concen: 57.496 ng

RT: 8.970 min Scan# 10052

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

Tgt Ion: 82 Resp: 10052

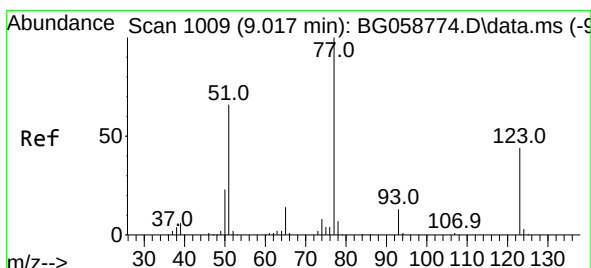
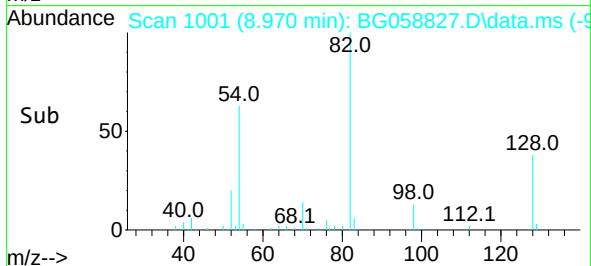
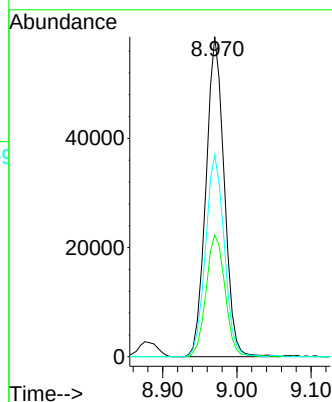
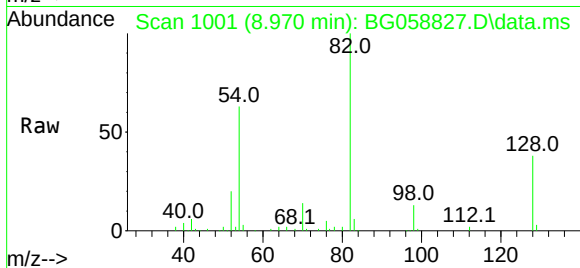
Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.2	49.8
54	63.0	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#24

Nitrobenzene

Concen: 44.465 ng

RT: 9.011 min Scan# 1008

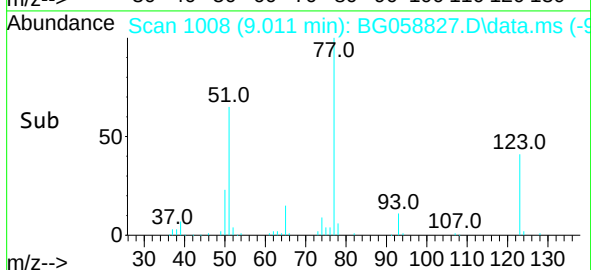
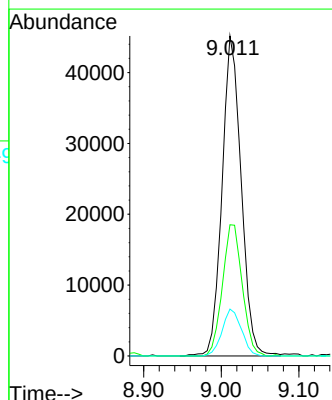
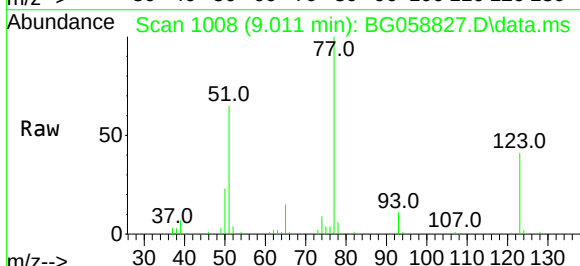
Delta R.T. -0.006 min

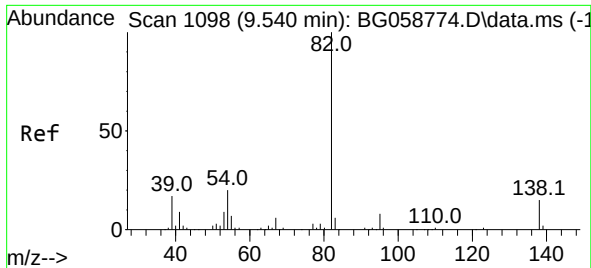
Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Tgt Ion: 77 Resp: 77318

Ion	Ratio	Lower	Upper
77	100		
123	41.0	34.9	52.3
65	14.7	10.9	16.3





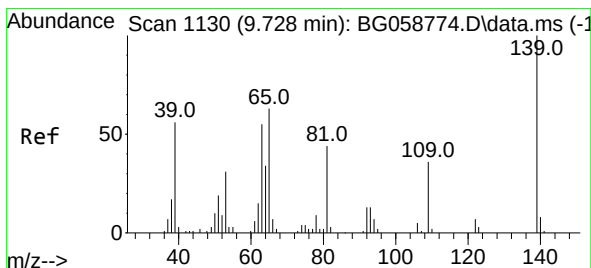
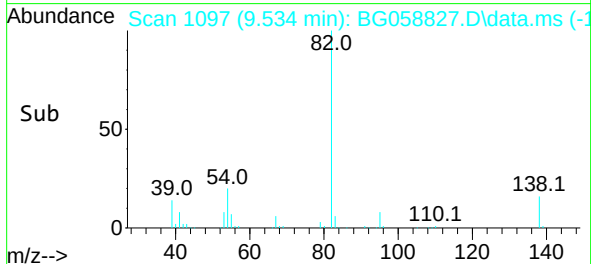
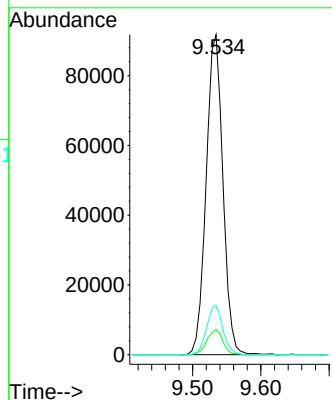
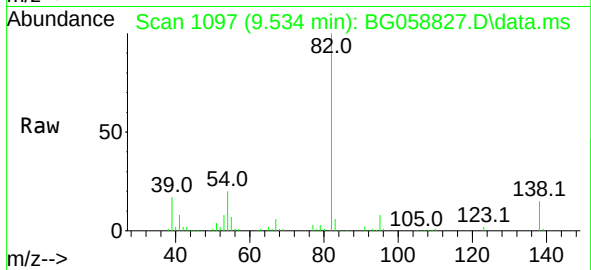
#25
Isophorone
Concen: 45.052 ng
RT: 9.534 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

Tgt Ion: 82 Resp: 156638
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 15.4 12.2 18.4

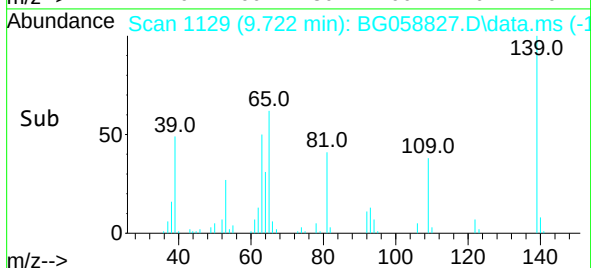
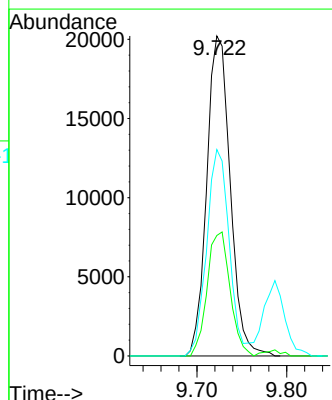
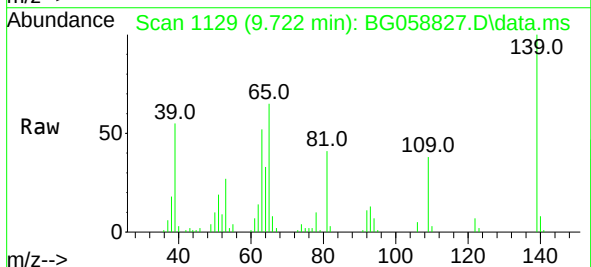
Manual Integrations
APPROVED

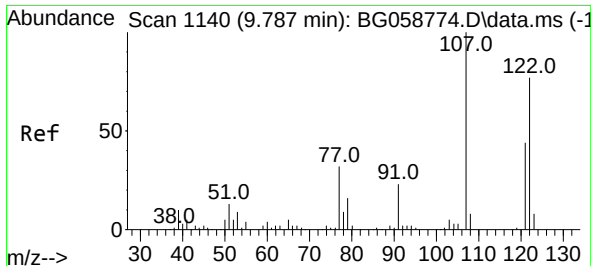
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#26
2-Nitrophenol
Concen: 50.556 ng
RT: 9.722 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:139 Resp: 36767
Ion Ratio Lower Upper
139 100
109 37.7 28.7 43.1
65 64.5 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 52.274 ng

RT: 9.787 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

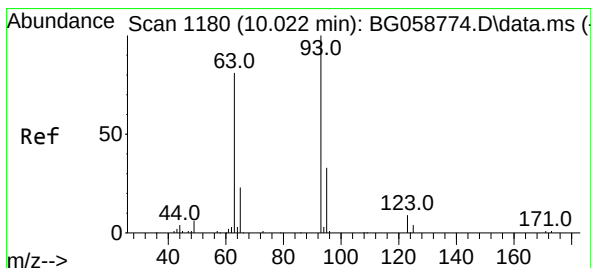
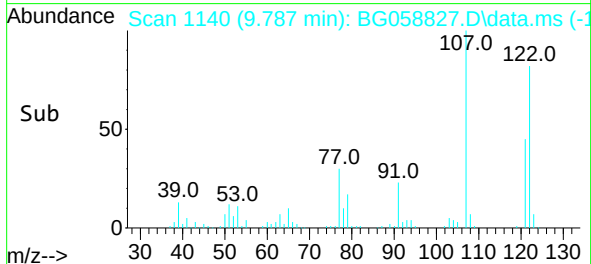
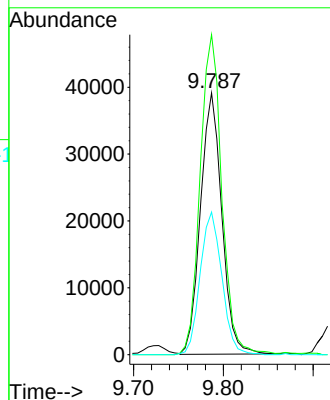
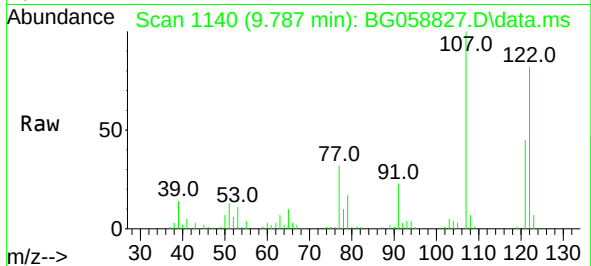
Tgt Ion:122 Resp: 64429
 Ion Ratio Lower Upper
 122 100
 107 122.2 102.6 154.0
 121 54.4 45.0 67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.949 ng

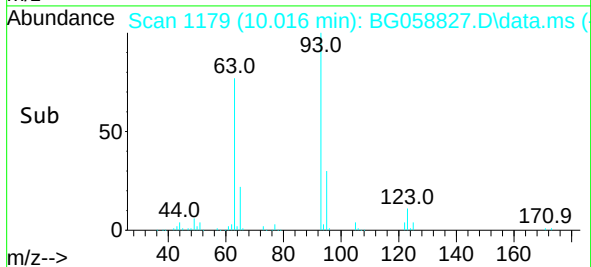
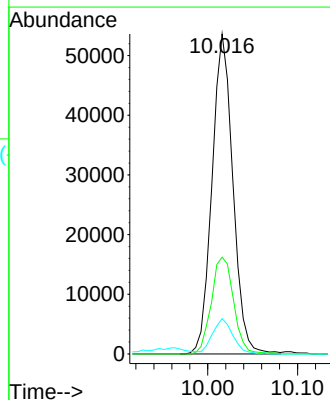
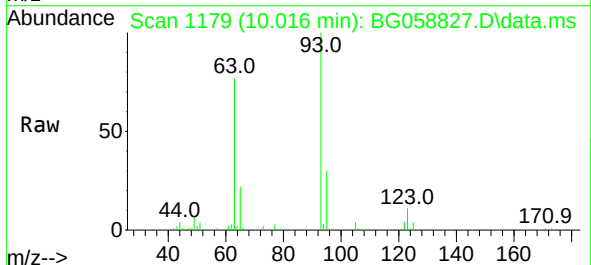
RT: 10.016 min Scan# 1179

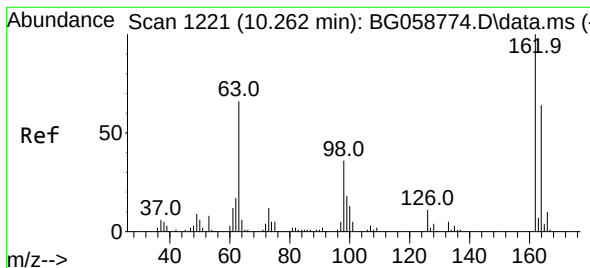
Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

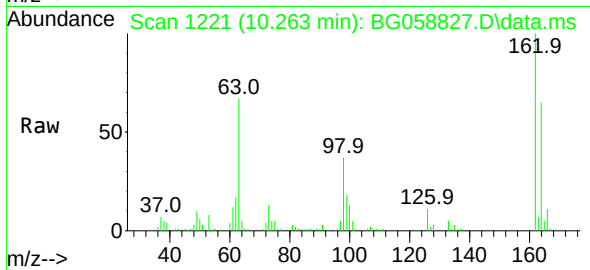
Tgt Ion: 93 Resp: 86464
 Ion Ratio Lower Upper
 93 100
 95 30.3 26.2 39.4
 123 11.1 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 56.704 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

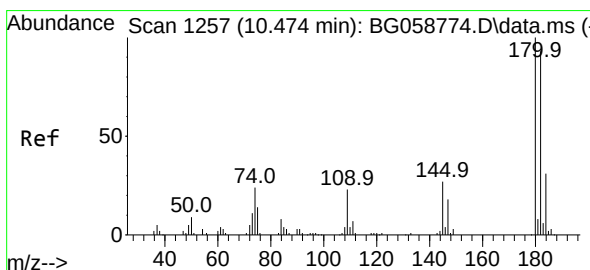
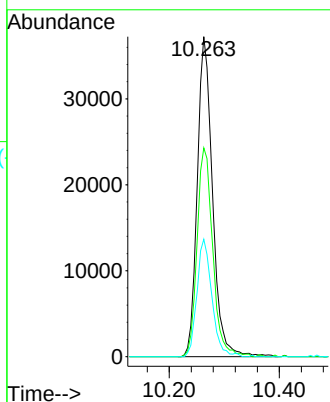
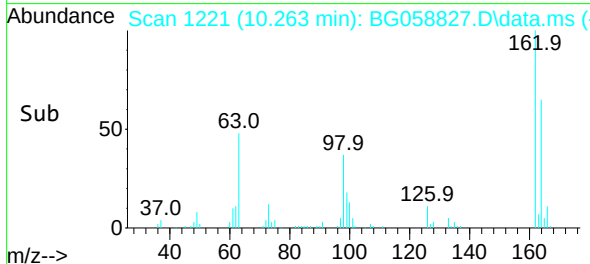
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



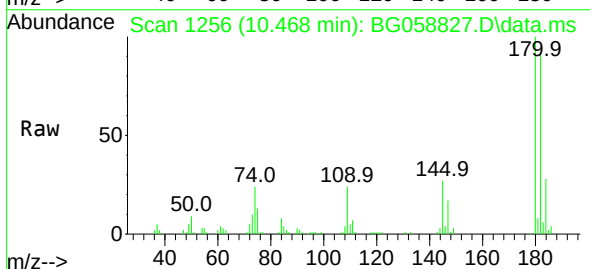
Tgt Ion:162 Resp: 7181
Ion Ratio Lower Upper
162 100
164 65.2 44.4 84.4
98 36.7 16.1 56.1

Manual Integrations
APPROVED

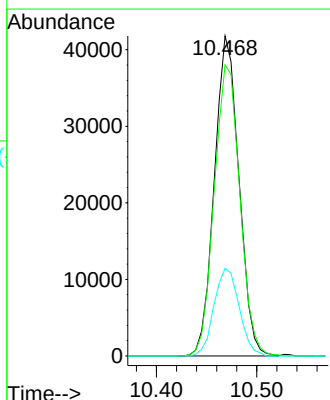
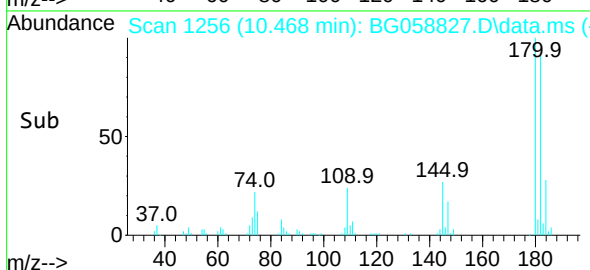
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

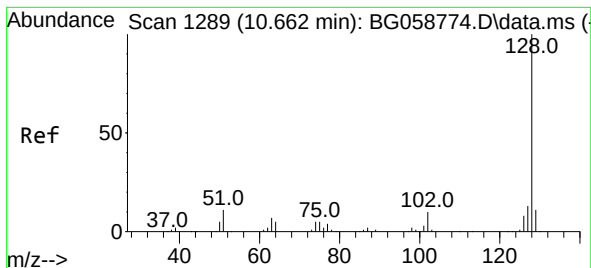


#30
1,2,4-Trichlorobenzene
Concen: 46.427 ng
RT: 10.468 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



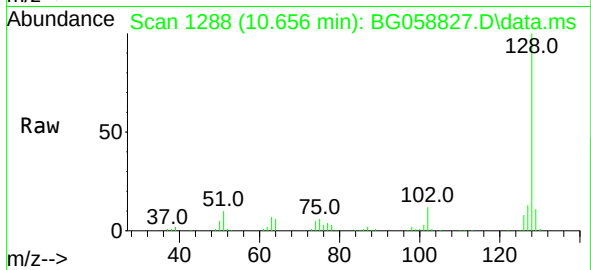
Tgt Ion:180 Resp: 71006
Ion Ratio Lower Upper
180 100
182 91.0 74.6 112.0
145 27.4 21.4 32.0





#31
Naphthalene
Concen: 45.790 ng
RT: 10.656 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

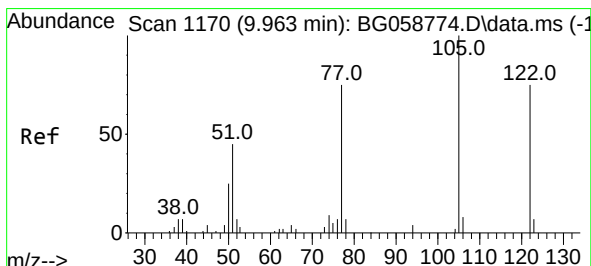
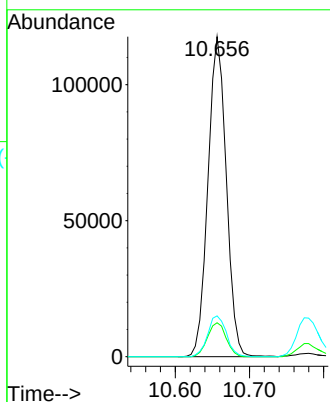
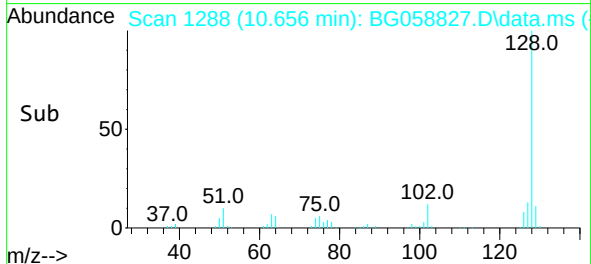
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



Tgt Ion:128 Resp: 202089
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.8 10.6 15.8

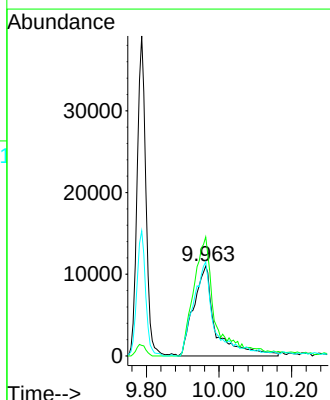
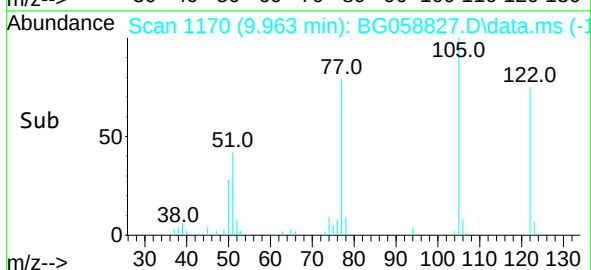
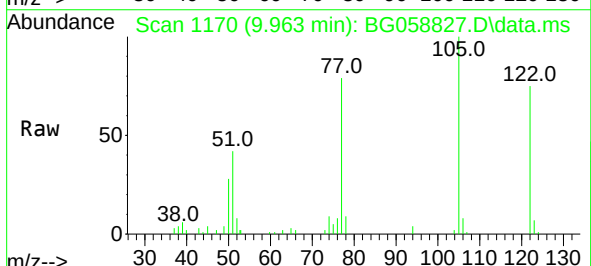
Manual Integrations
APPROVED

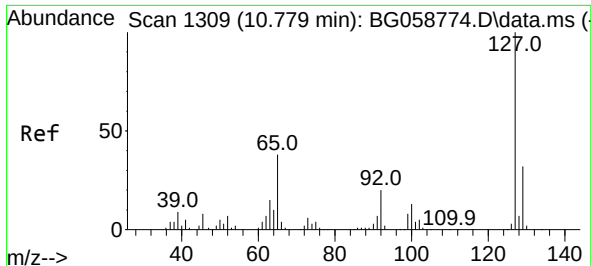
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#32
Benzoic acid
Concen: 59.560 ng
RT: 9.963 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

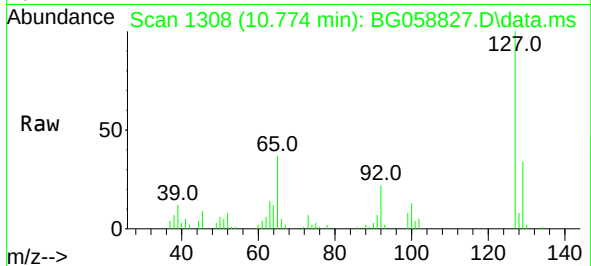
Tgt Ion:122 Resp: 46173
Ion Ratio Lower Upper
122 100
105 132.5 113.6 153.6
77 104.9 79.7 119.7





#33
4-Chloroaniline
Concen: 17.176 ng
RT: 10.774 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

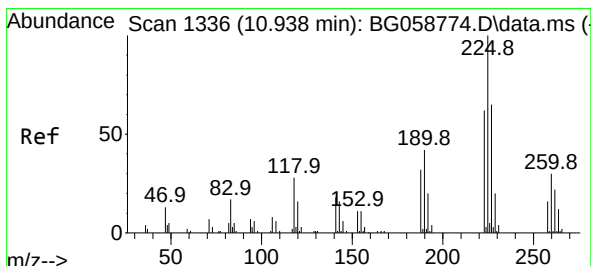
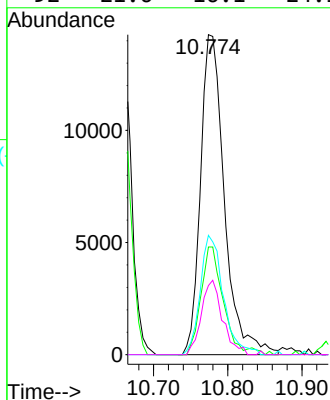
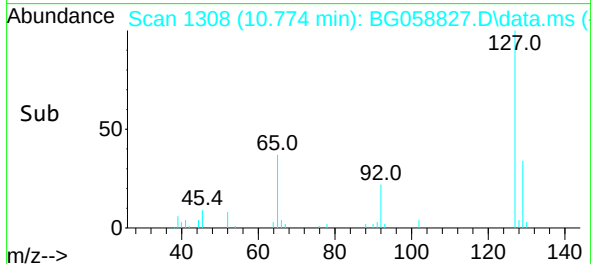
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.2	37.8
65	37.3	30.5	45.7
92	21.6	16.1	24.1

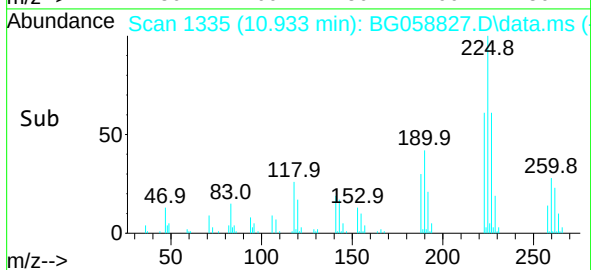
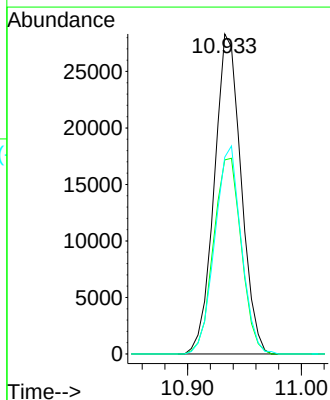
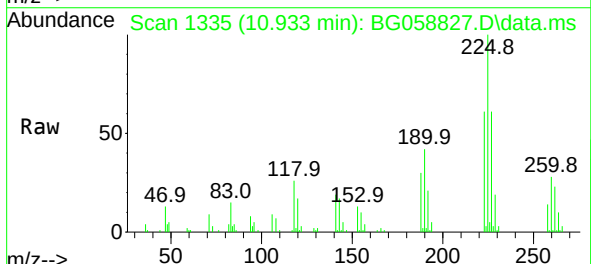
Manual Integrations
APPROVED

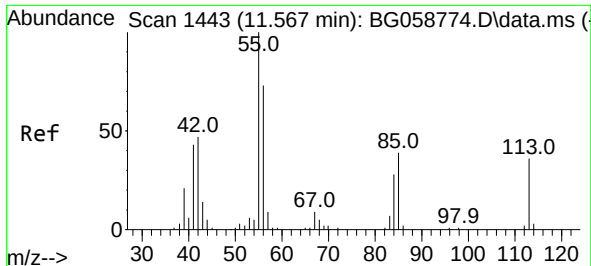
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#34
Hexachlorobutadiene
Concen: 44.865 ng
RT: 10.933 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

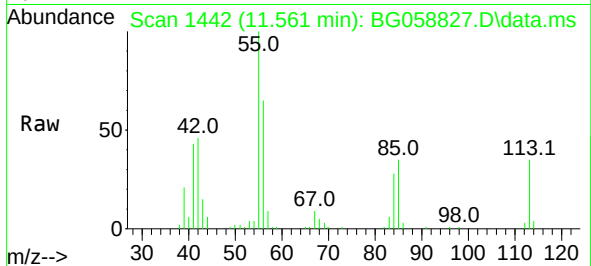
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.9	74.9
227	61.5	51.6	77.4





#35
 Caprolactam
 Concen: 54.967 ng m
 RT: 11.561 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

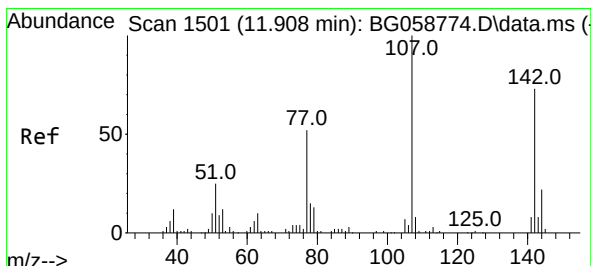
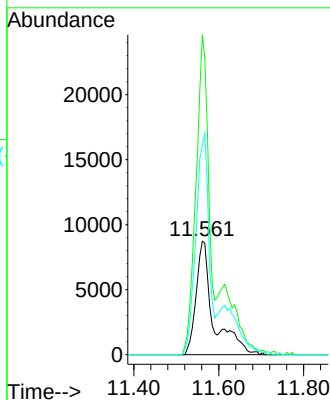
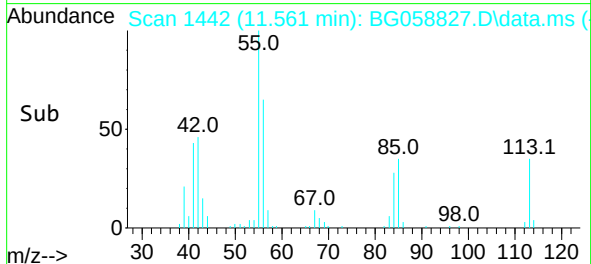
Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD



Tgt Ion:113 Resp: 24940
 Ion Ratio Lower Upper
 113 100
 55 281.9 256.3 296.3
 56 183.6 180.4 220.4

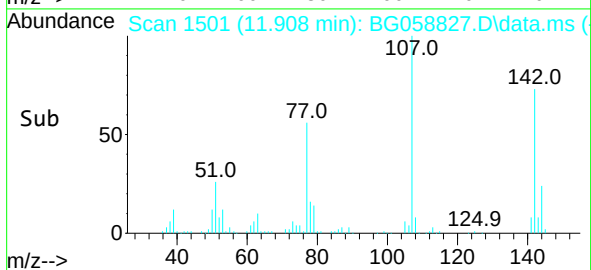
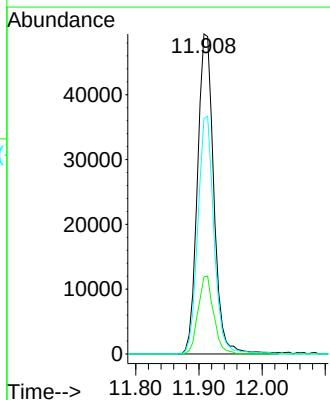
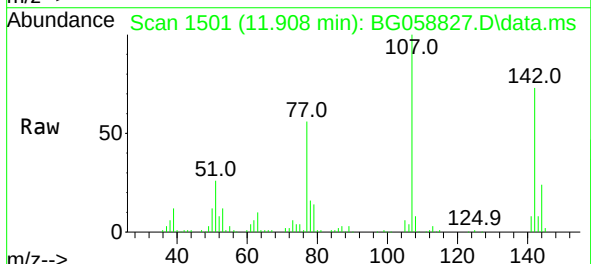
Manual Integrations
 APPROVED

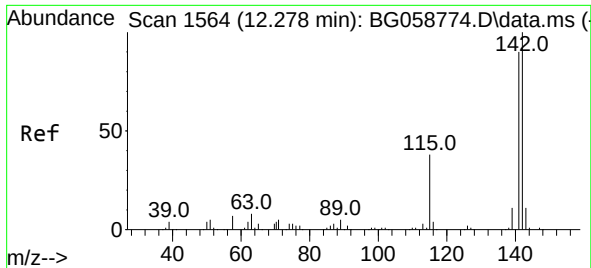
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023



#36
 4-Chloro-3-methylphenol
 Concen: 56.242 ng
 RT: 11.908 min Scan# 1501
 Delta R.T. 0.000 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

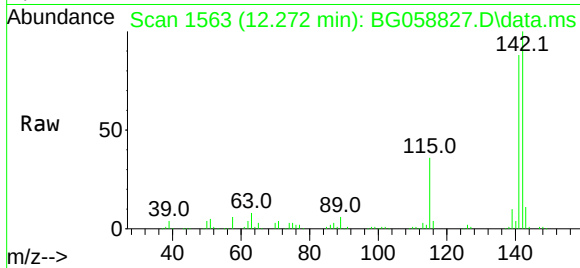
Tgt Ion:107 Resp: 88583
 Ion Ratio Lower Upper
 107 100
 144 24.1 17.9 26.9
 142 73.4 58.5 87.7





#37
2-Methylnaphthalene
Concen: 47.368 ng
RT: 12.272 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

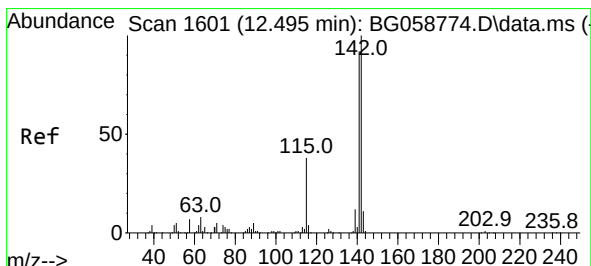
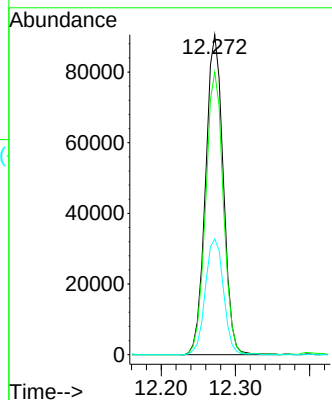
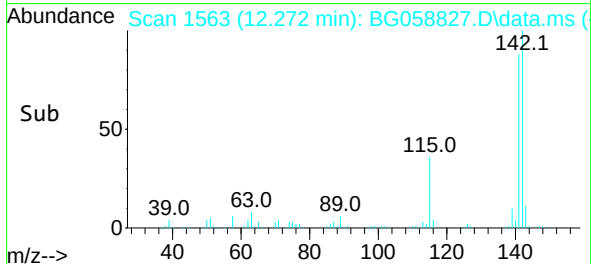
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



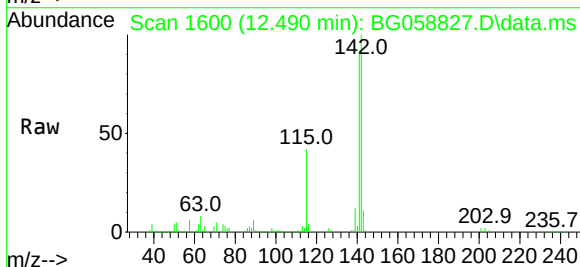
Tgt Ion:142 Resp: 150150
Ion Ratio Lower Upper
142 100
141 88.4 71.8 107.8
115 36.2 30.6 45.8

Manual Integrations
APPROVED

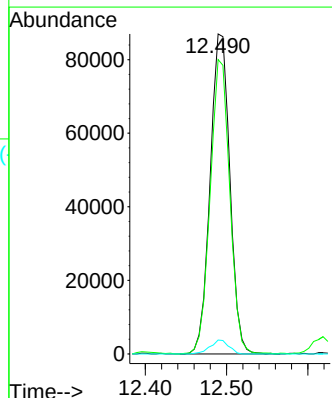
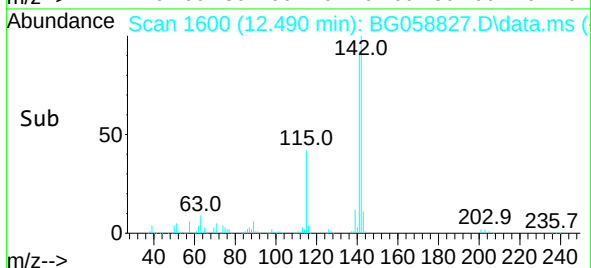
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

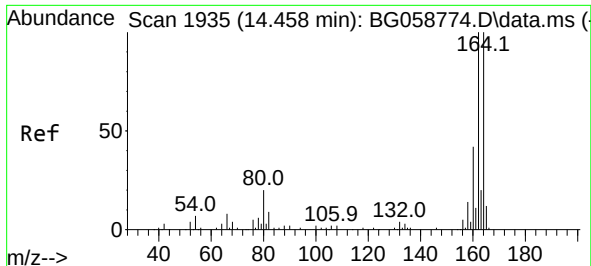


#38
1-Methylnaphthalene
Concen: 48.587 ng
RT: 12.490 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



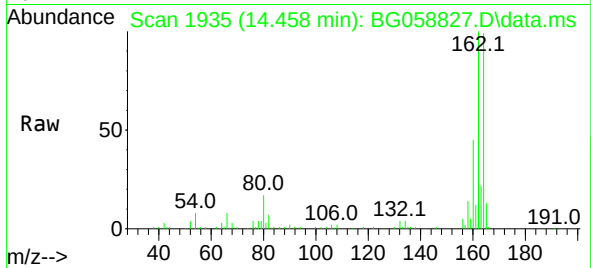
Tgt Ion:142 Resp: 146198
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9
116 4.3 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

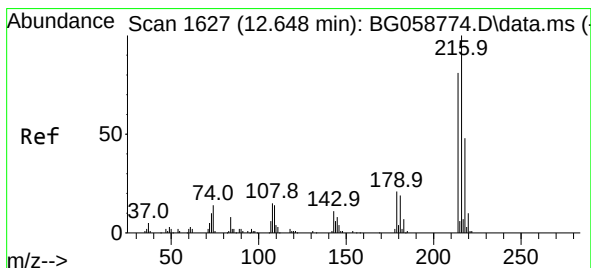
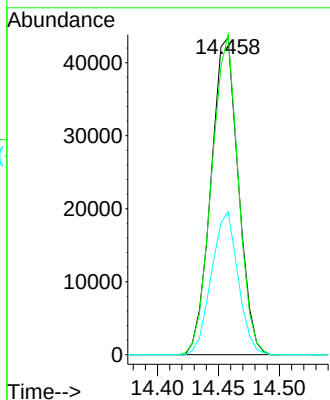
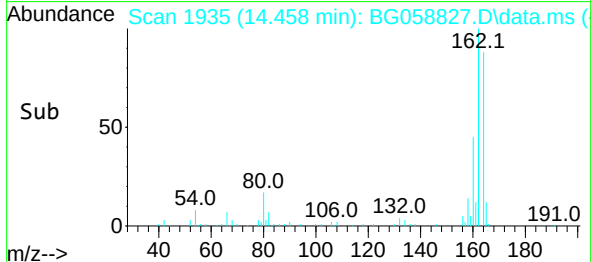
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



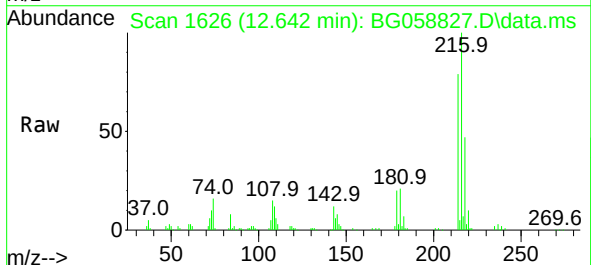
Tgt Ion:164 Resp: 67870
Ion Ratio Lower Upper
164 100
162 100.9 79.6 119.4
160 45.1 34.0 51.0

Manual Integrations
APPROVED

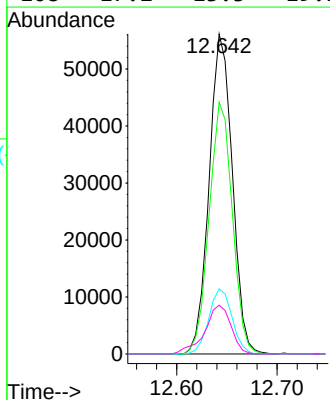
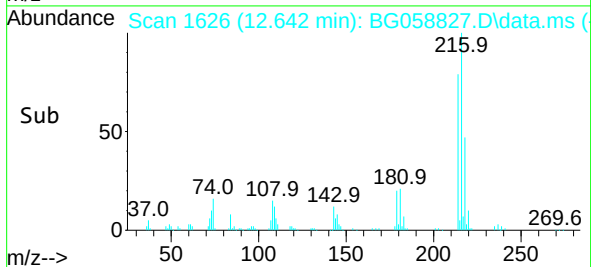
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

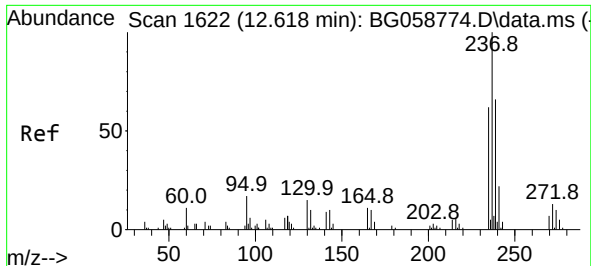


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.062 ng
RT: 12.642 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



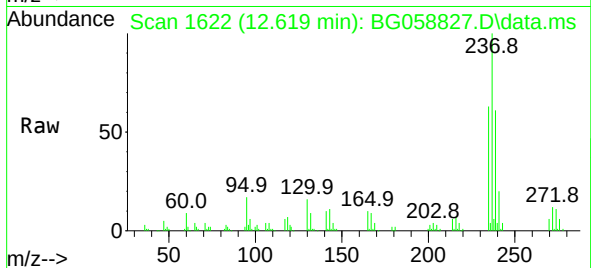
Tgt Ion:216 Resp: 90101
Ion Ratio Lower Upper
216 100
214 79.0 64.0 96.0
179 20.4 16.2 24.4
108 17.2 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 83.608 ng
RT: 12.619 min Scan# 10
Delta R.T. 0.001 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

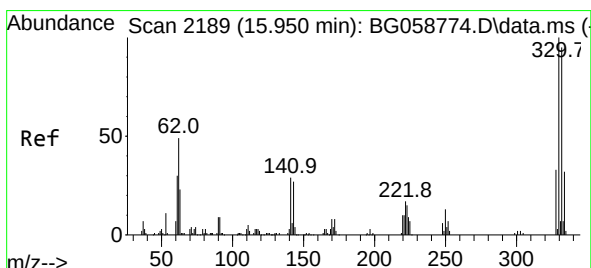
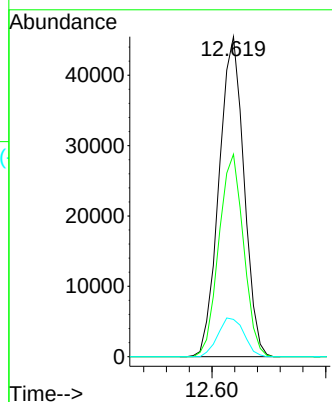
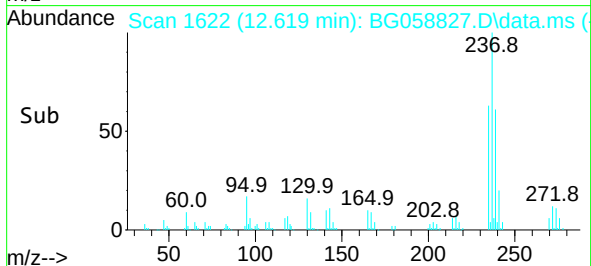
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



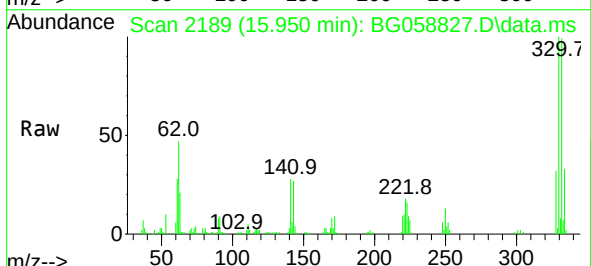
Tgt Ion:237 Resp: 69180
Ion Ratio Lower Upper
237 100
235 63.2 41.5 81.5
272 11.7 0.0 32.5

Manual Integrations
APPROVED

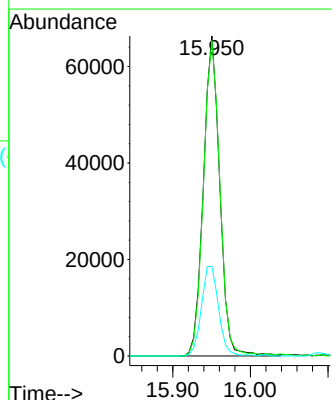
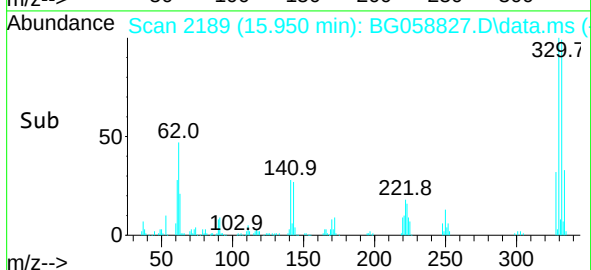
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

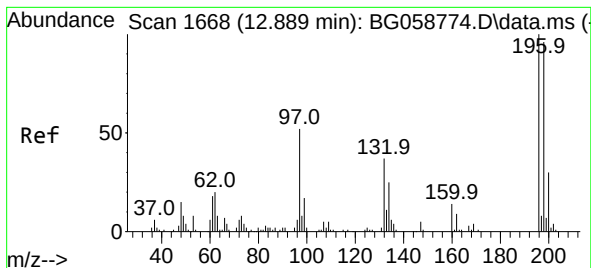


#42
2,4,6-Tribromophenol
Concen: 91.239 ng
RT: 15.950 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



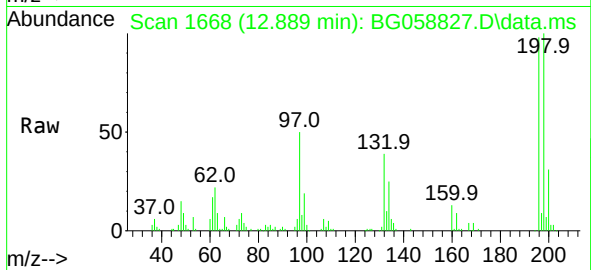
Tgt Ion:330 Resp: 97096
Ion Ratio Lower Upper
330 100
332 98.9 78.5 117.7
141 29.4 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 50.926 ng
RT: 12.889 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

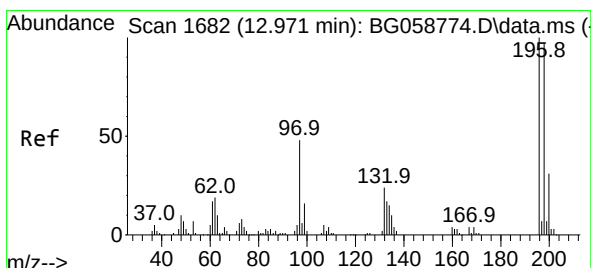
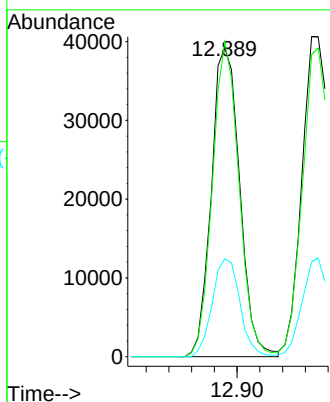
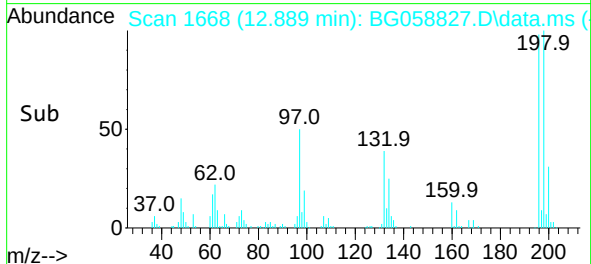
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



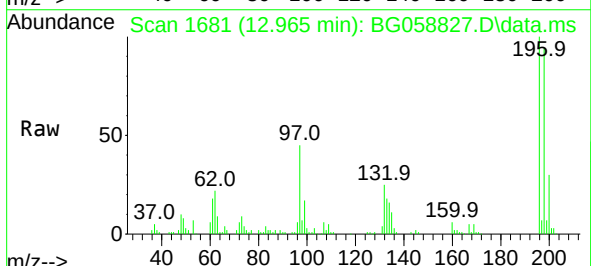
Tgt Ion:196 Resp: 6780
Ion Ratio Lower Upper
196 100
198 102.0 77.0 115.4
200 31.7 23.8 35.6

Manual Integrations
APPROVED

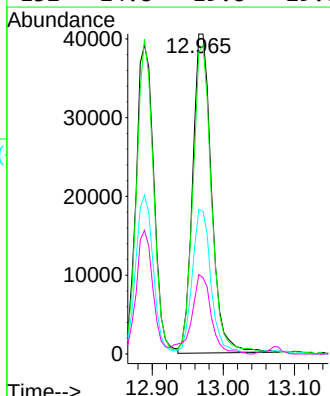
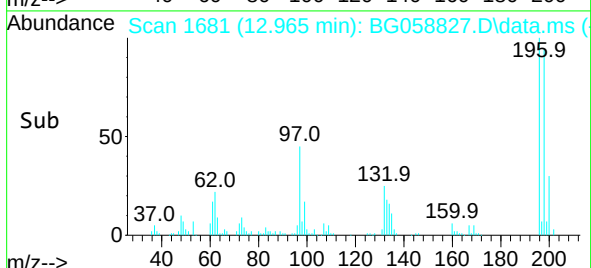
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

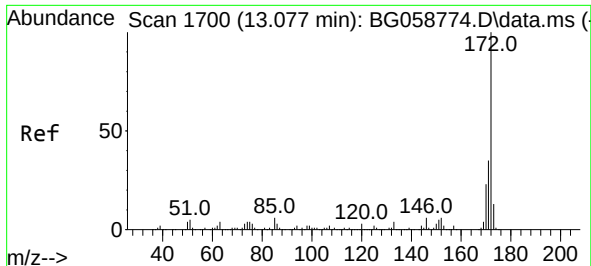


#44
2,4,5-Trichlorophenol
Concen: 46.913 ng
RT: 12.965 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



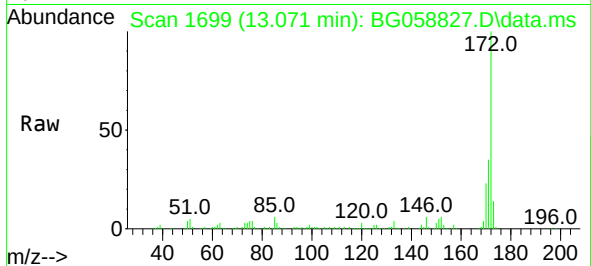
Tgt Ion:196 Resp: 74793
Ion Ratio Lower Upper
196 100
198 94.4 78.0 117.0
97 45.2 38.7 58.1
132 24.8 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 52.613 ng
RT: 13.071 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

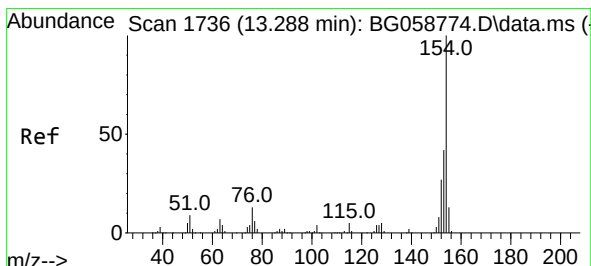
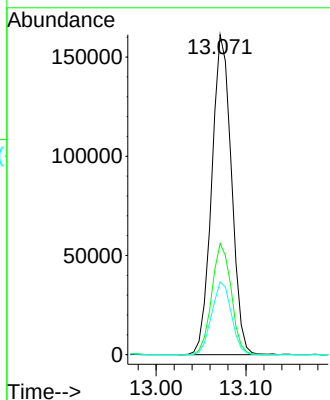
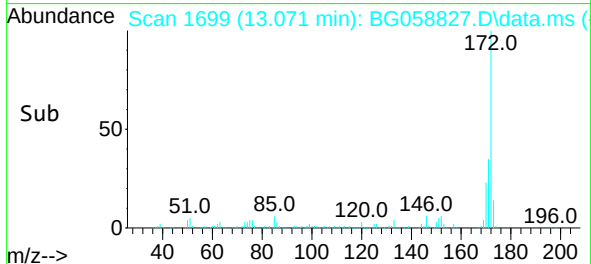
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



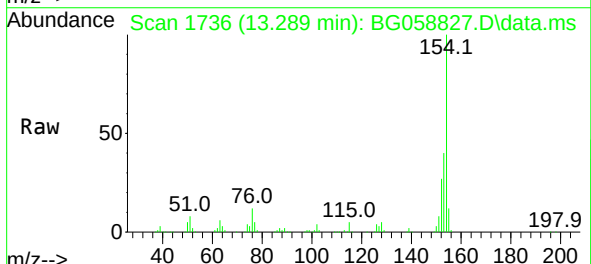
Tgt Ion:172 Resp: 245510
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.7 18.6 27.8

Manual Integrations
APPROVED

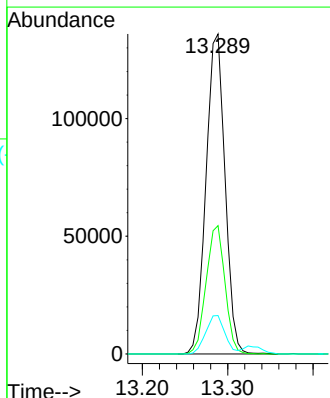
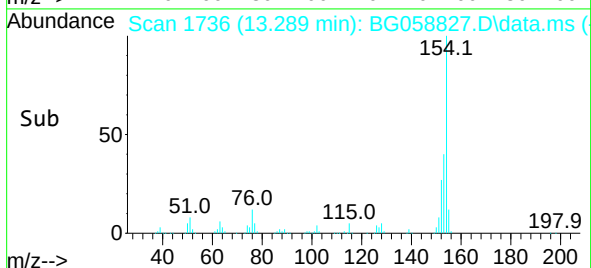
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

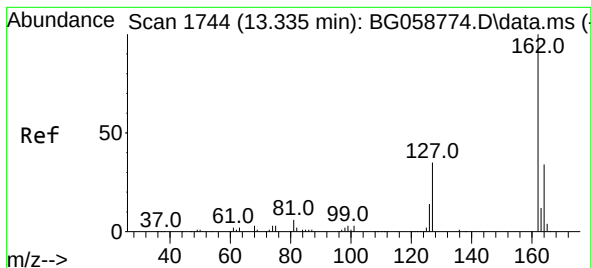


#46
1,1'-Biphenyl
Concen: 44.762 ng
RT: 13.289 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



Tgt Ion:154 Resp: 209284
Ion Ratio Lower Upper
154 100
153 40.1 21.7 61.7
76 12.0 0.0 33.2





#47

2-Chloronaphthalene

Concen: 45.765 ng

RT: 13.330 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG058827.D

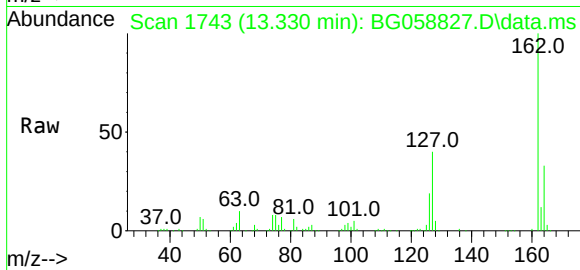
Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD



Tgt Ion:162 Resp: 166740

Ion Ratio Lower Upper

162 100

127 40.5 31.5 47.3

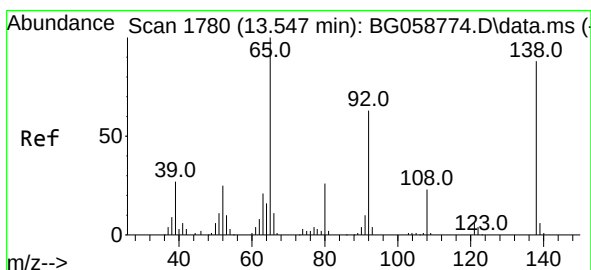
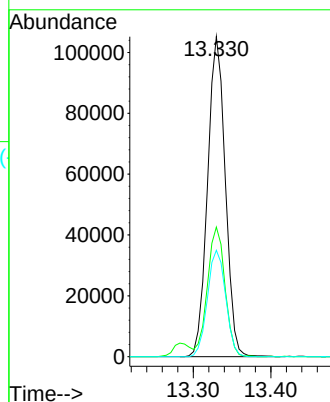
164 33.2 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#48

2-Nitroaniline

Concen: 47.407 ng

RT: 13.541 min Scan# 1779

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

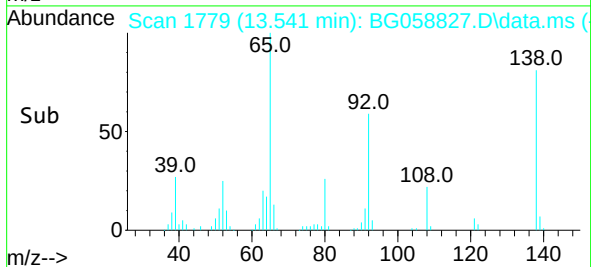
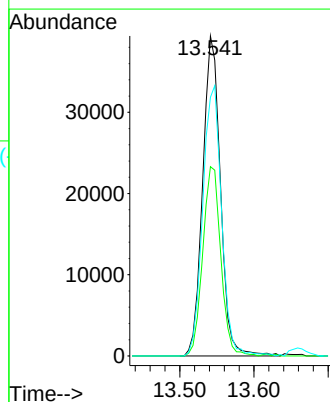
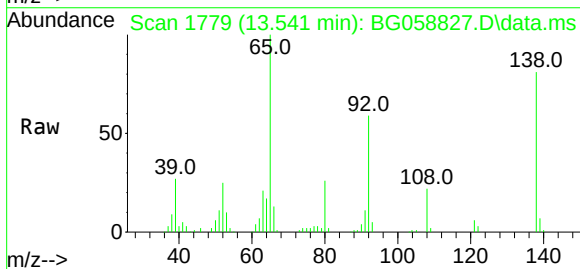
Tgt Ion: 65 Resp: 65602

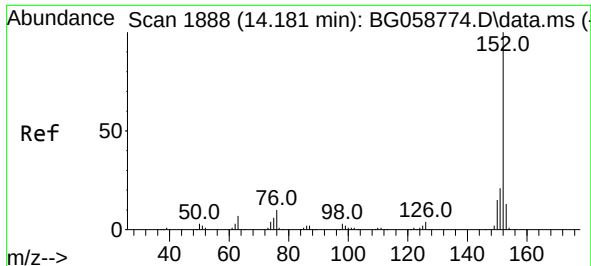
Ion Ratio Lower Upper

65 100

92 59.1 50.7 76.1

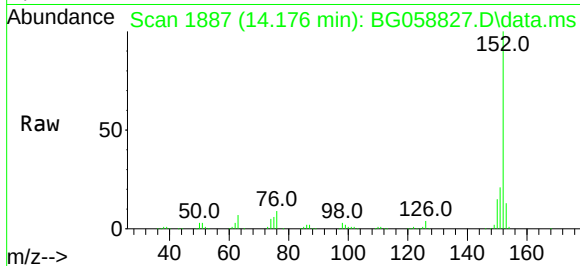
138 80.8 70.7 106.1





#49
Acenaphthylene
Concen: 46.807 ng
RT: 14.176 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

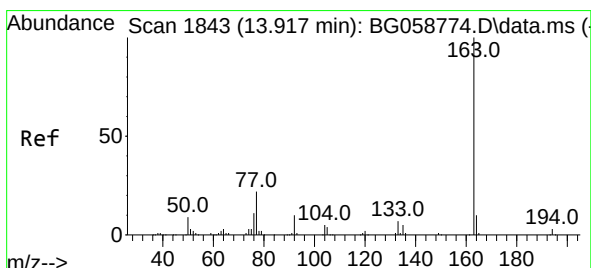
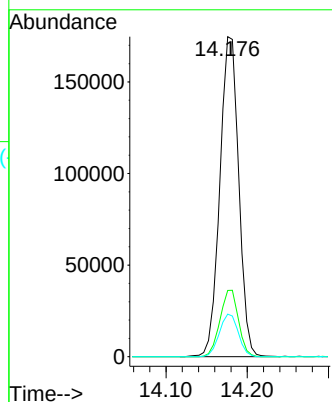
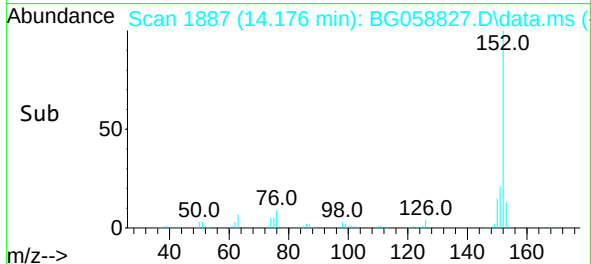
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



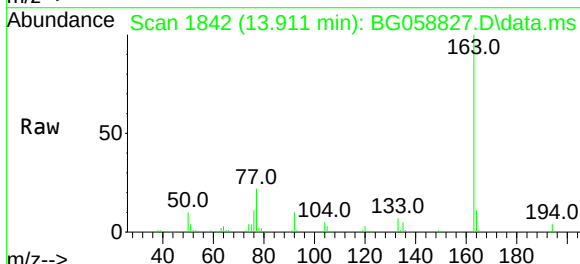
Tgt Ion:152 Resp: 282819
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.3 10.7 16.1

Manual Integrations
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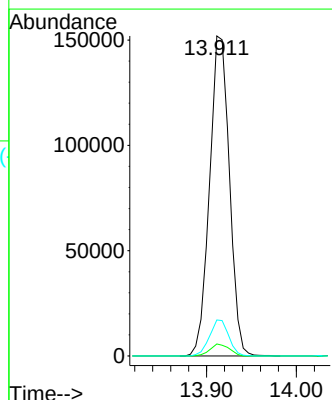
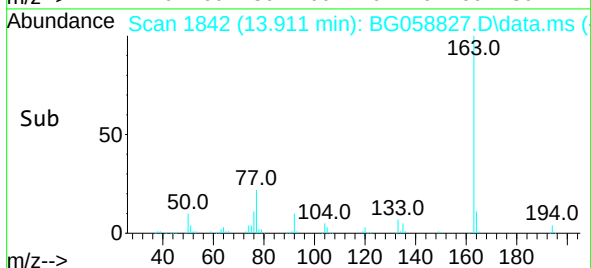
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

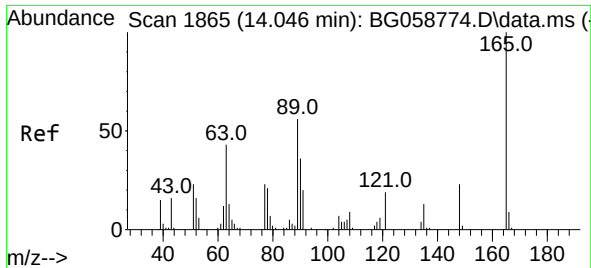


#50
Dimethylphthalate
Concen: 44.436 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



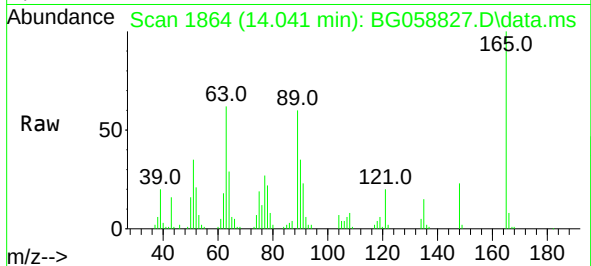
Tgt Ion:163 Resp: 233513
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 47.656 ng
RT: 14.041 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

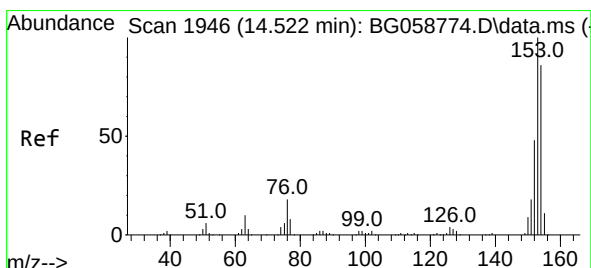
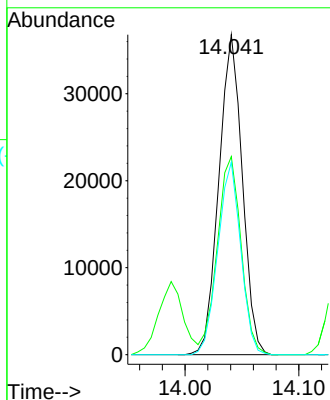
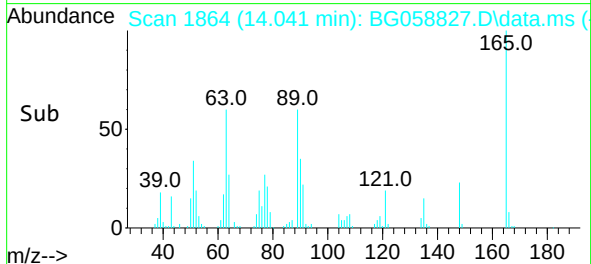
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



Tgt Ion:165 Resp: 5261
Ion Ratio Lower Upper
165 100
63 61.9 47.2 70.8
89 60.1 45.0 67.4

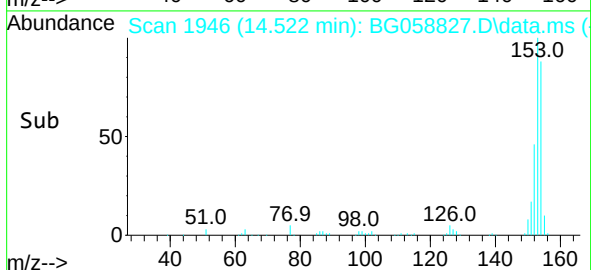
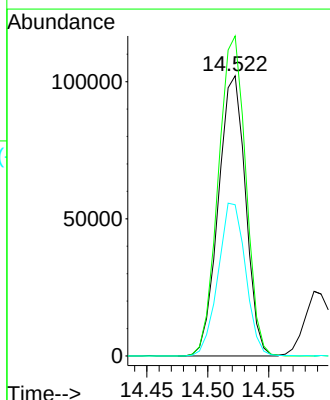
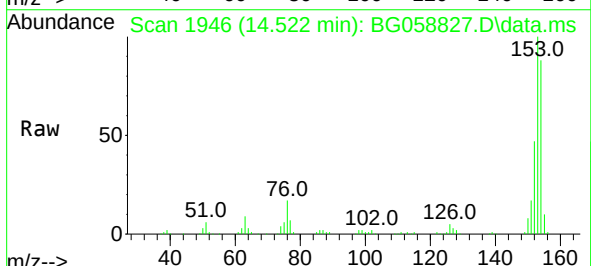
Manual Integrations
APPROVED

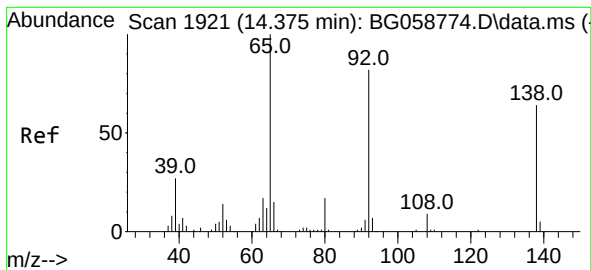
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#52
Acenaphthene
Concen: 45.014 ng
RT: 14.522 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:154 Resp: 158942
Ion Ratio Lower Upper
154 100
153 114.2 92.7 139.1
152 54.0 44.2 66.2





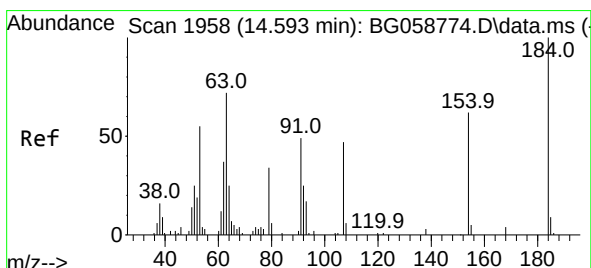
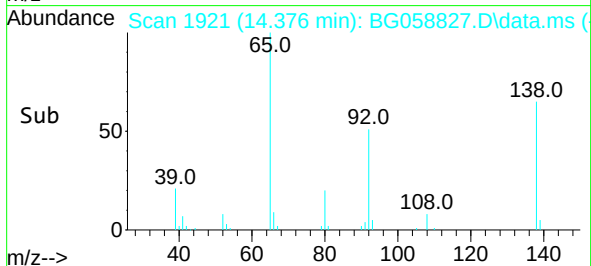
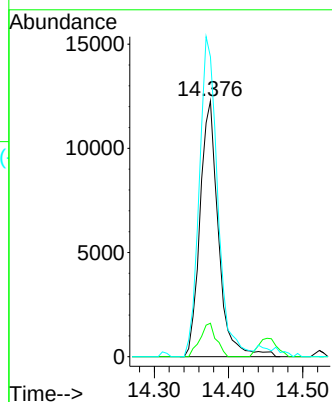
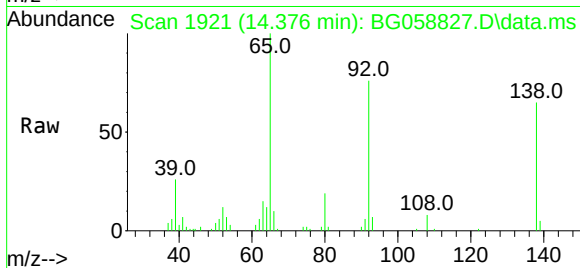
#53
3-Nitroaniline
Concen: 19.828 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

Tgt Ion:138 Resp: 2111
Ion Ratio Lower Upper
138 100
108 13.1 11.8 17.8
92 117.3 102.5 153.7

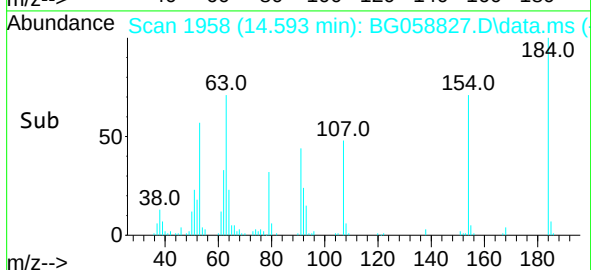
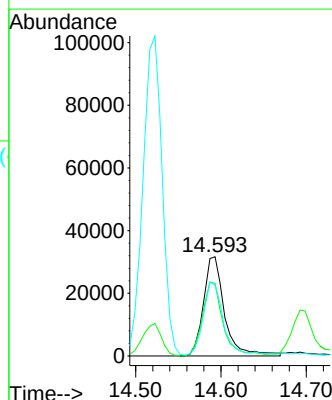
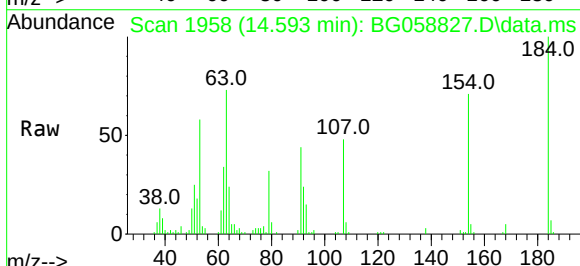
Manual Integrations
APPROVED

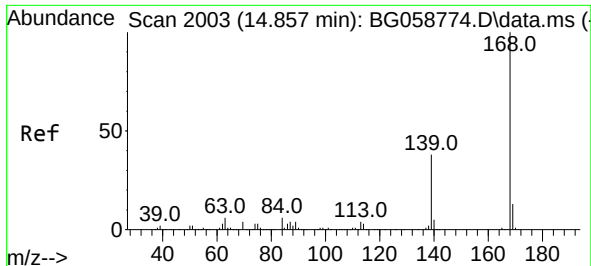
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#54
2,4-Dinitrophenol
Concen: 87.441 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

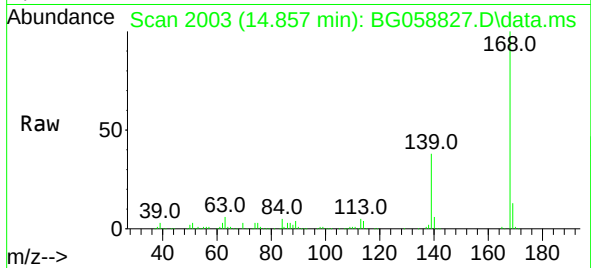
Tgt Ion:184 Resp: 54387
Ion Ratio Lower Upper
184 100
63 73.3 57.7 86.5
154 71.3 51.8 77.6





#55
Dibenzenofuran
Concen: 45.416 ng
RT: 14.857 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

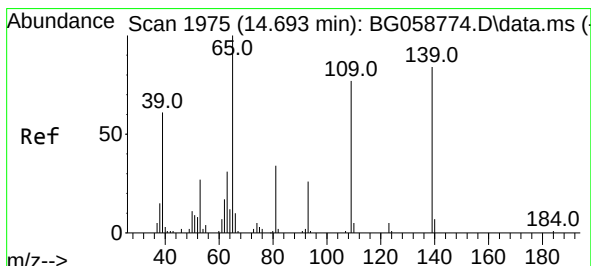
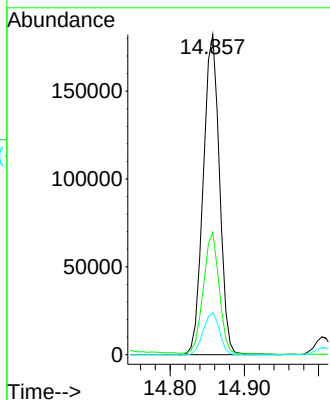
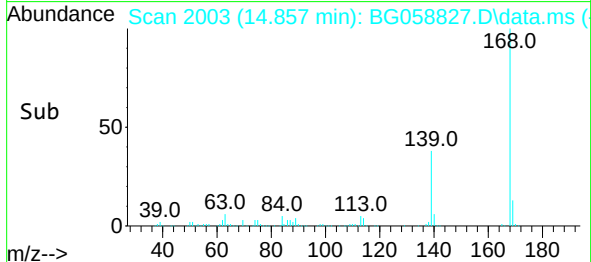
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



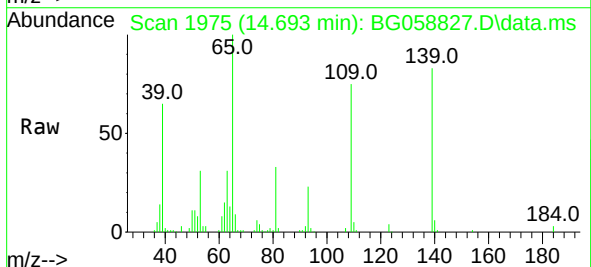
Tgt Ion:168 Resp: 276629
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.1 10.7 16.1

Manual Integrations
APPROVED

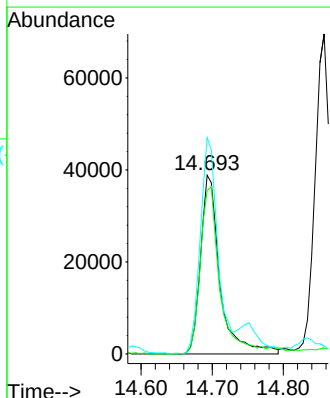
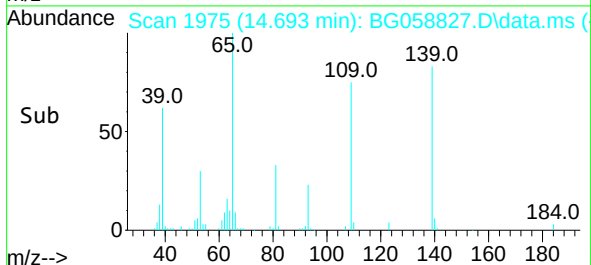
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

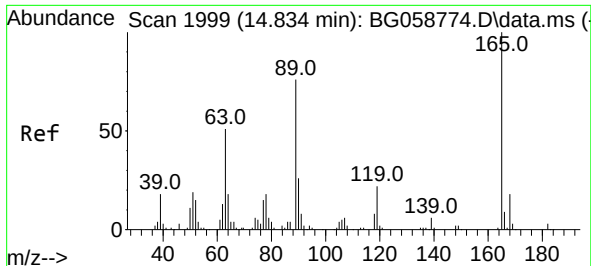


#56
4-Nitrophenol
Concen: 95.529 ng
RT: 14.693 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



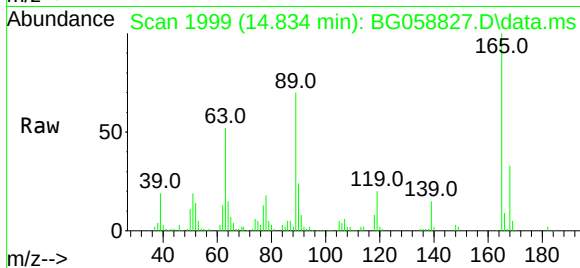
Tgt Ion:139 Resp: 74293
Ion Ratio Lower Upper
139 100
109 91.3 71.9 111.9
65 121.0 100.7 140.7





#57
2,4-Dinitrotoluene
Concen: 48.527 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

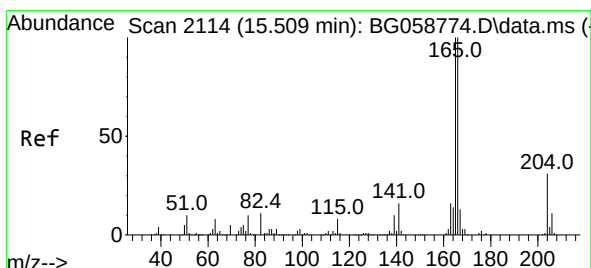
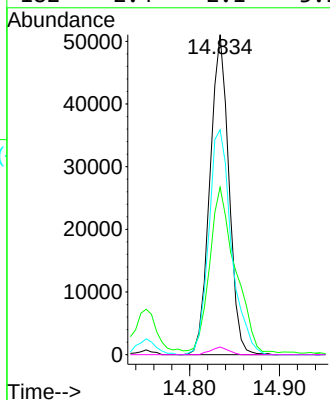
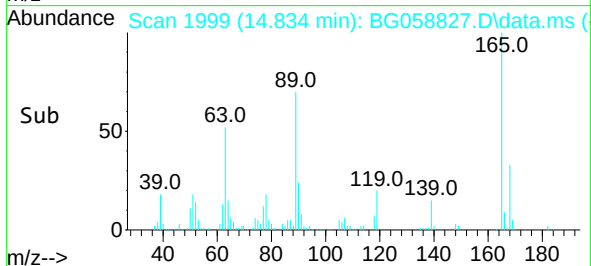
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



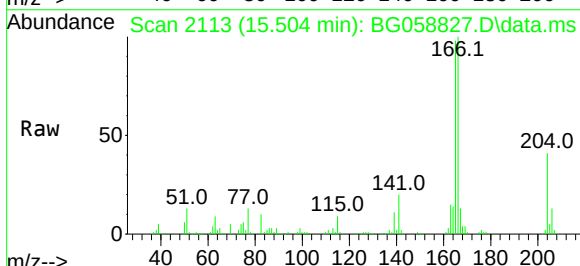
Tgt Ion:165 Resp: 74729
Ion Ratio Lower Upper
165 100
63 52.3 41.8 62.6
89 70.3 60.7 91.1
182 2.4 2.1 3.1

Manual Integrations
APPROVED

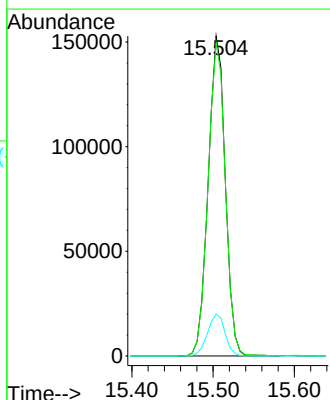
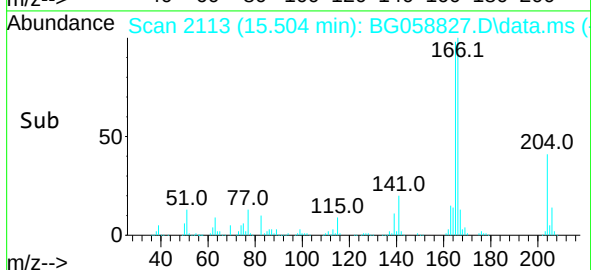
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

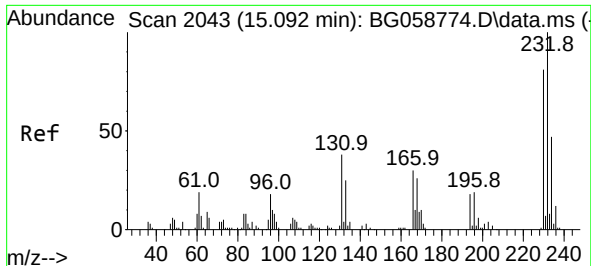


#58
Fluorene
Concen: 46.033 ng
RT: 15.504 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



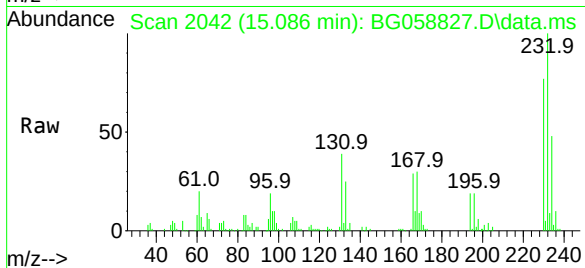
Tgt Ion:166 Resp: 223139
Ion Ratio Lower Upper
166 100
165 97.8 79.9 119.9
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.132 ng
RT: 15.086 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

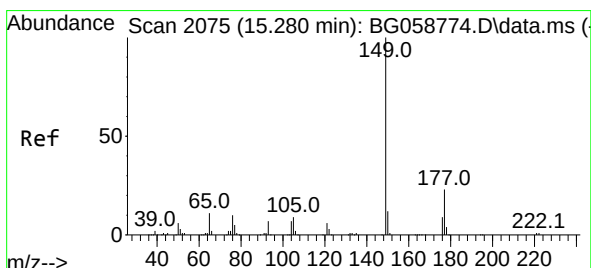
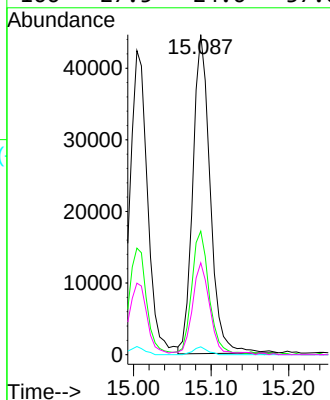
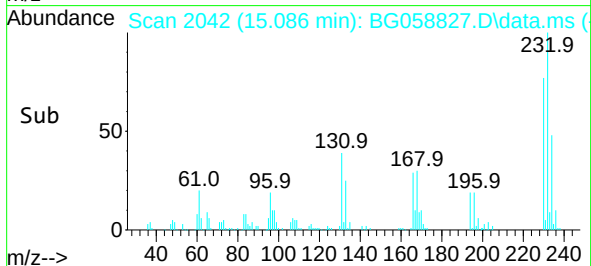
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



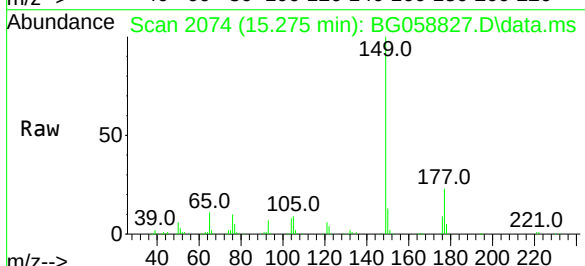
Tgt Ion:232 Resp: 69124
Ion Ratio Lower Upper
232 100
131 38.3 33.9 50.9
130 2.0 1.8 2.6
166 27.5 24.6 37.0

Manual Integrations
APPROVED

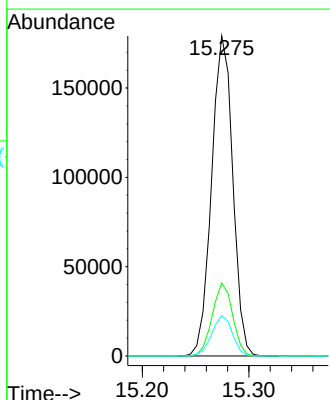
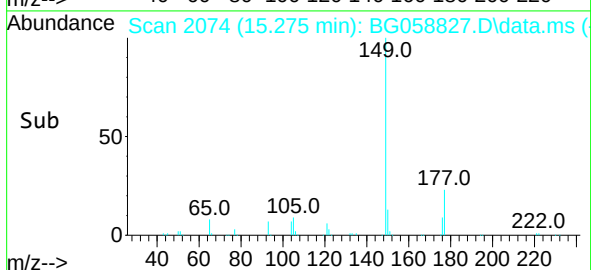
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

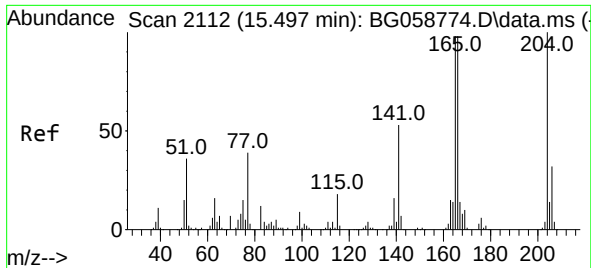


#60
Diethylphthalate
Concen: 45.504 ng
RT: 15.275 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



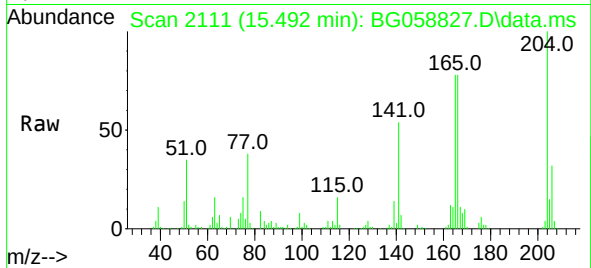
Tgt Ion:149 Resp: 246547
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.779 ng
RT: 15.492 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

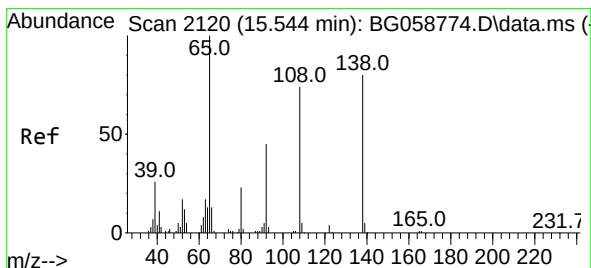
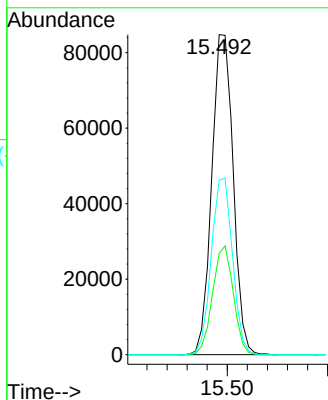
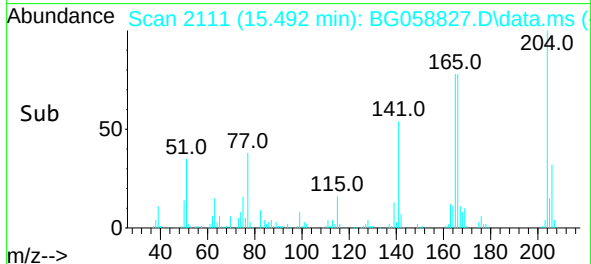
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



Tgt Ion:204 Resp: 12568
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 54.5 42.3 63.5

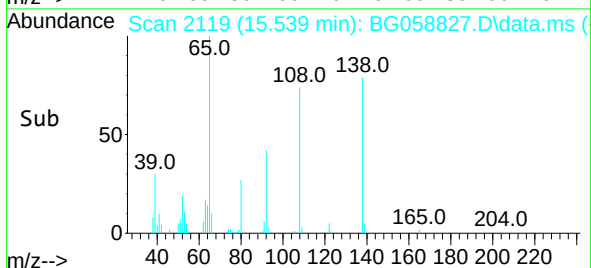
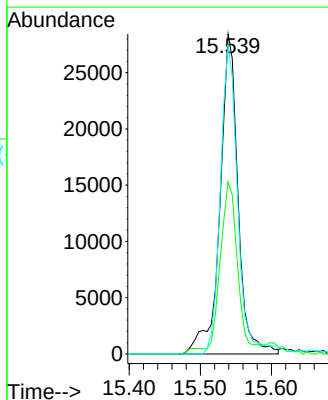
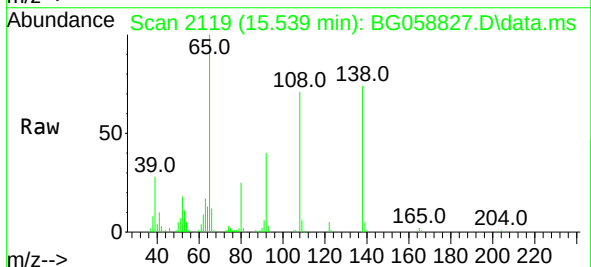
Manual Integrations
APPROVED

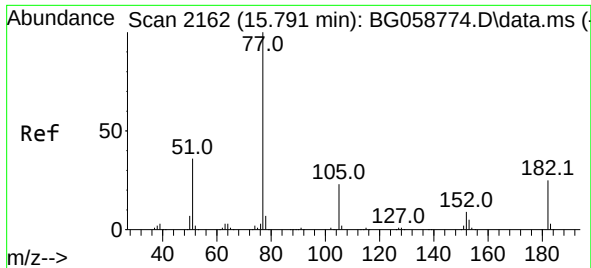
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#62
4-Nitroaniline
Concen: 46.319 ng
RT: 15.539 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:138 Resp: 50052
Ion Ratio Lower Upper
138 100
92 53.7 36.4 76.4
108 96.6 72.2 112.2





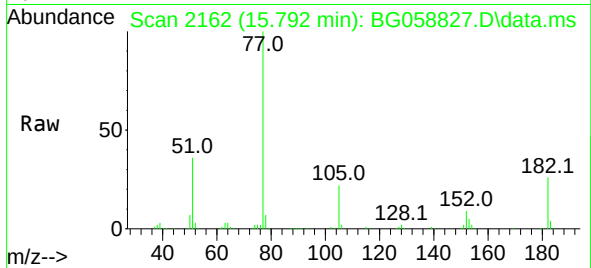
#63
Azobenzene
Concen: 45.555 ng
RT: 15.792 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Instrument :

BNL_G

ClientSampleId :

TP-04(1-2)MSD

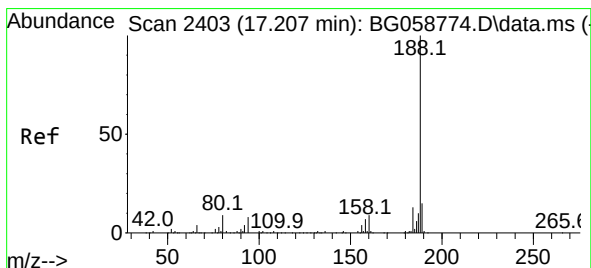
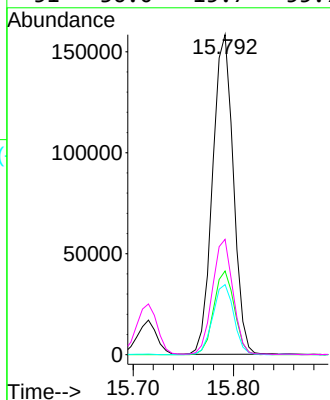
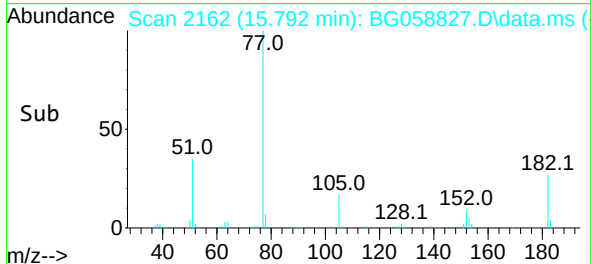


Tgt Ion: 77 Resp: 22663
Ion Ratio Lower Upper
77 100
182 26.1 4.9 44.9
105 21.9 2.8 42.8
51 36.0 15.7 55.7

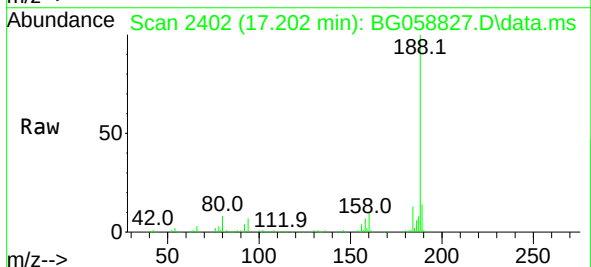
Manual Integrations

APPROVED

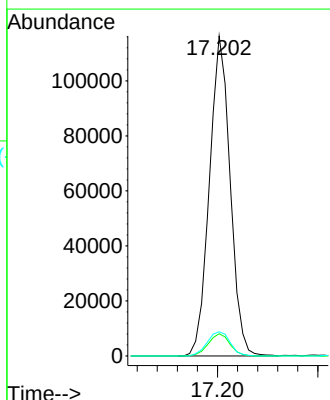
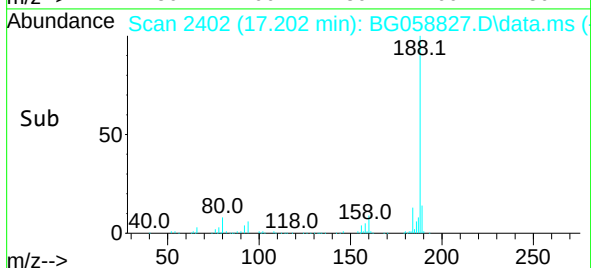
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

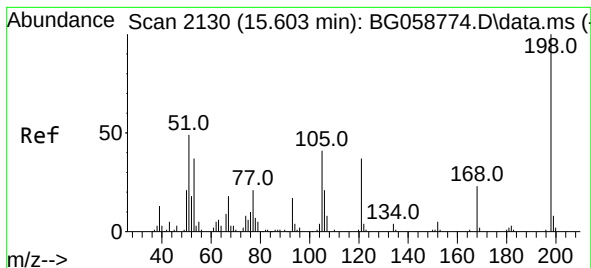


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



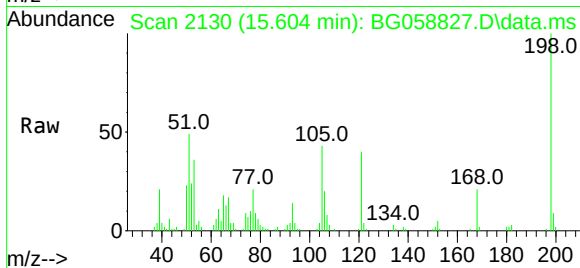
Tgt Ion:188 Resp: 166761
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 7.6 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 47.567 ng
RT: 15.604 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

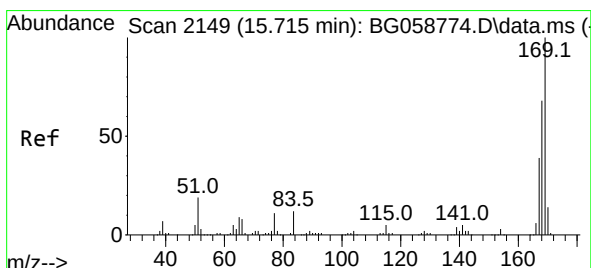
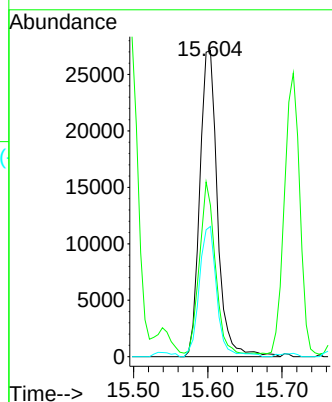
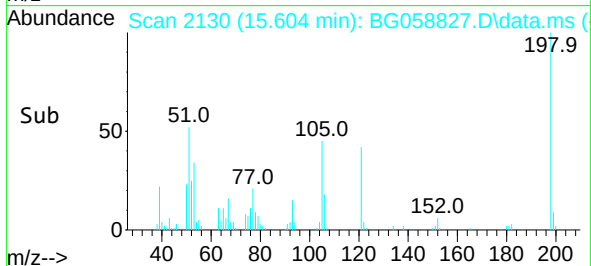
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



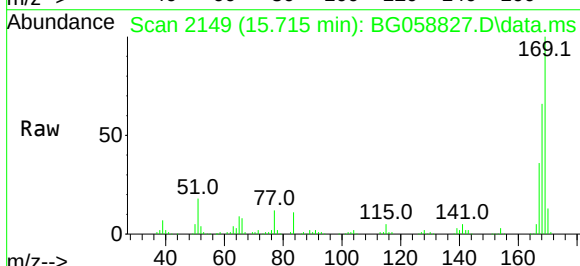
Tgt Ion:198 Resp: 4483
Ion Ratio Lower Upper
198 100
51 49.5 31.3 71.3
105 42.5 20.7 60.7

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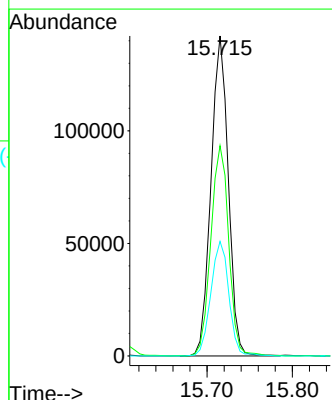
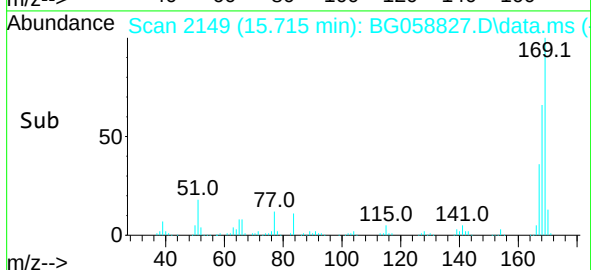
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

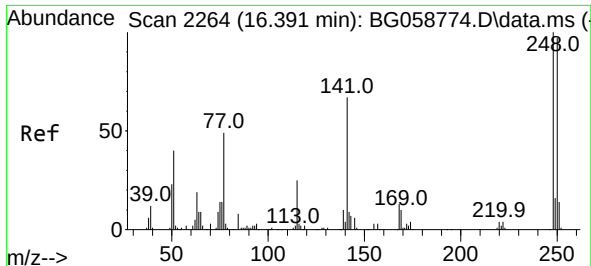


#66
n-Nitrosodiphenylamine
Concen: 46.531 ng
RT: 15.715 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



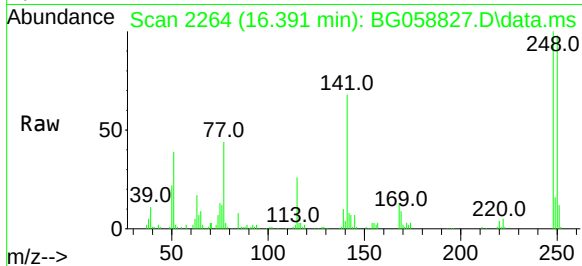
Tgt Ion:169 Resp: 199994
Ion Ratio Lower Upper
169 100
168 65.7 54.4 81.6
167 35.8 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 46.622 ng
RT: 16.391 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

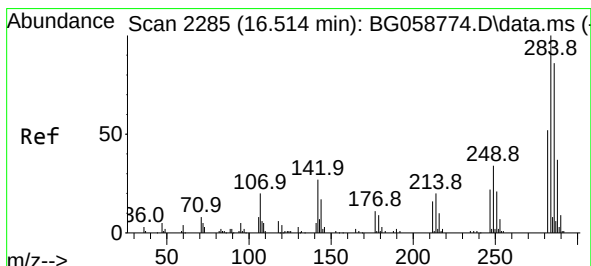
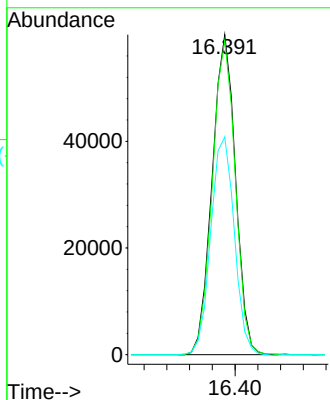
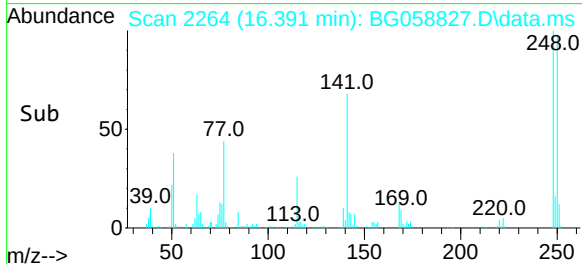
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



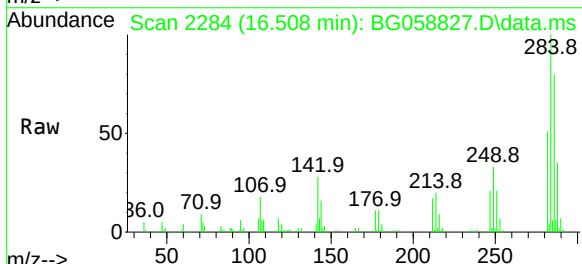
Tgt Ion:248 Resp: 8531
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 68.1 53.6 80.4

Manual Integrations
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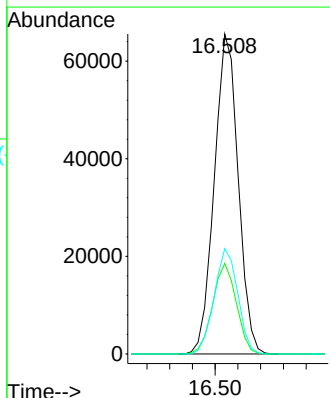
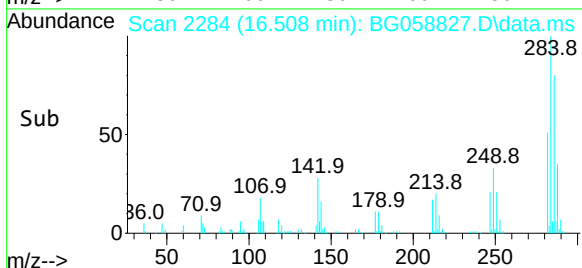
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

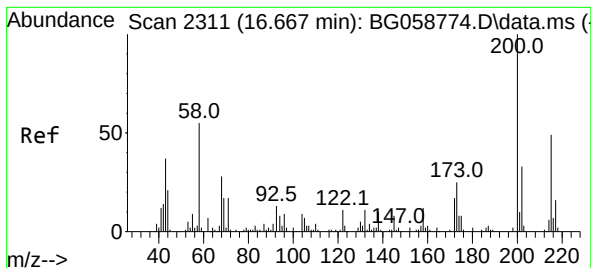


#68
Hexachlorobenzene
Concen: 48.526 ng
RT: 16.508 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



Tgt Ion:284 Resp: 95572
Ion Ratio Lower Upper
284 100
142 28.3 22.0 33.0
249 32.9 27.2 40.8





#69

Atrazine

Concen: 54.408 ng

RT: 16.667 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

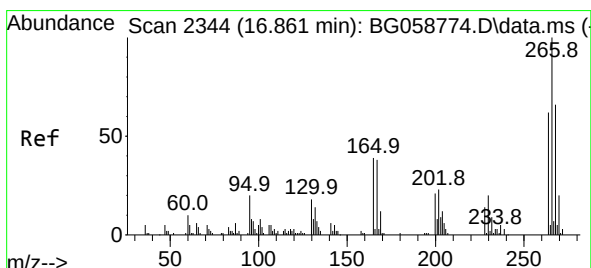
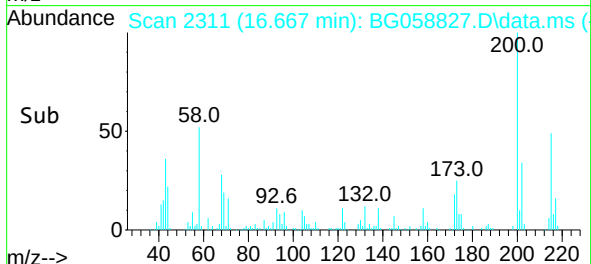
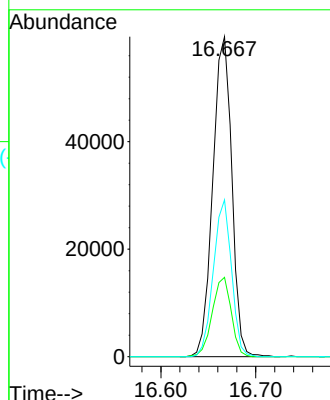
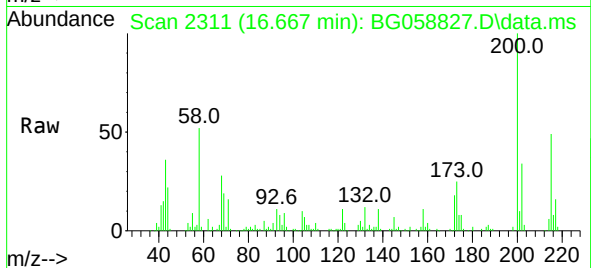
Tgt Ion:200 Resp: 82759
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.3 45.3
 215 49.0 29.4 69.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#70

Pentachlorophenol

Concen: 83.360 ng

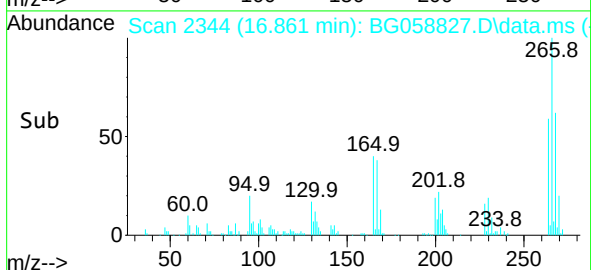
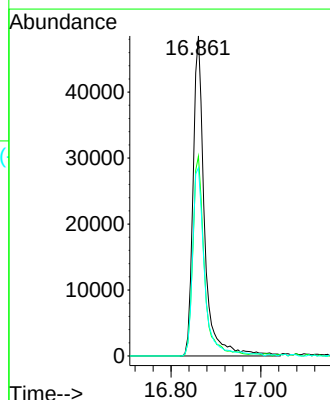
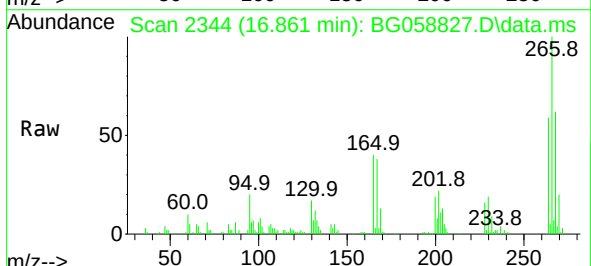
RT: 16.861 min Scan# 2344

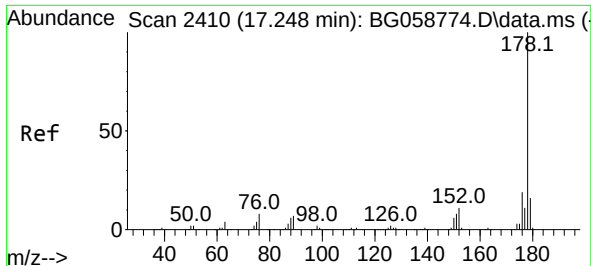
Delta R.T. -0.000 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

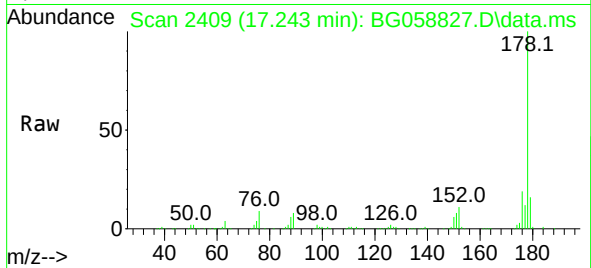
Tgt Ion:266 Resp: 86090
 Ion Ratio Lower Upper
 266 100
 268 62.4 52.7 79.1
 264 58.8 49.5 74.3





#71
Phenanthrene
Concen: 45.365 ng
RT: 17.243 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

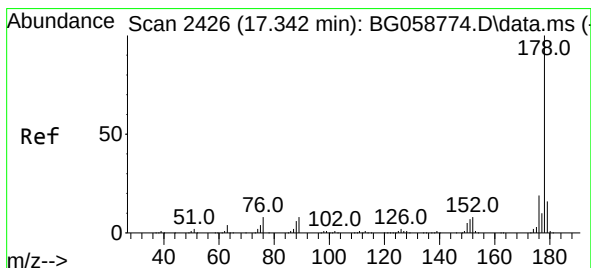
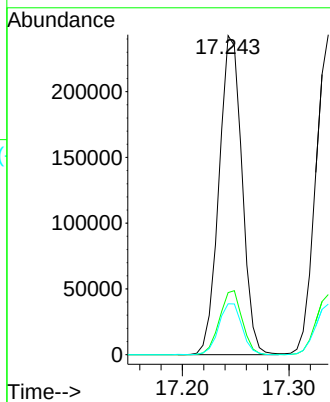
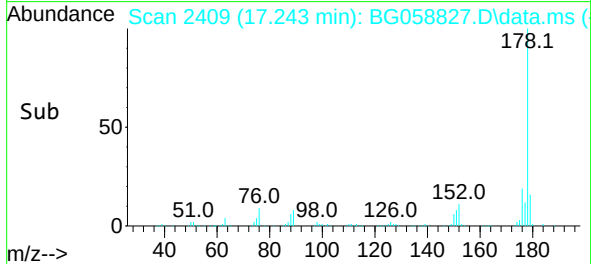
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



Tgt Ion:178 Resp: 363179
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.9 13.0 19.4

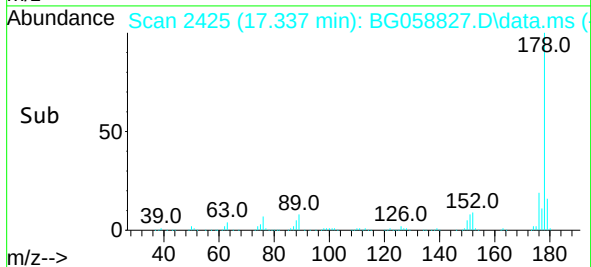
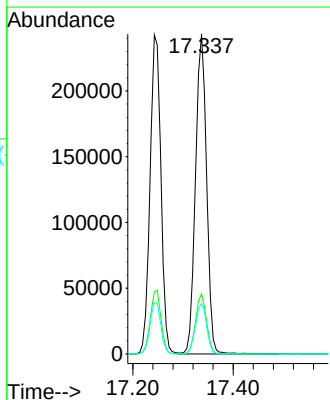
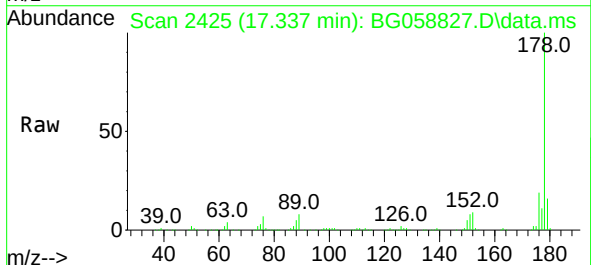
Manual Integrations
APPROVED

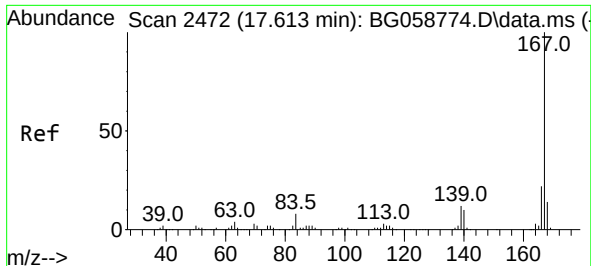
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#72
Anthracene
Concen: 46.415 ng
RT: 17.337 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

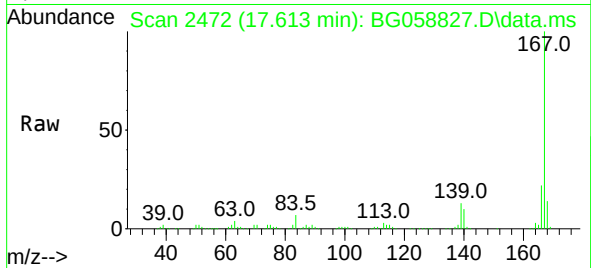
Tgt Ion:178 Resp: 372684
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.8 12.9 19.3





#73
 Carbazole
 Concen: 45.898 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

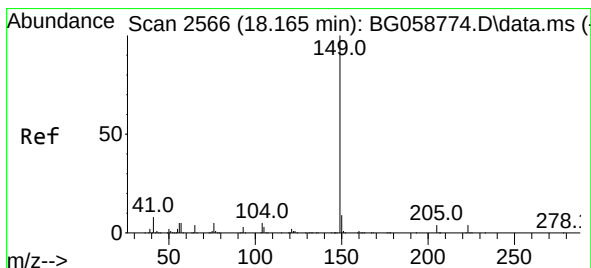
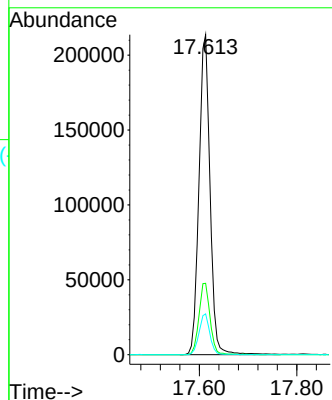
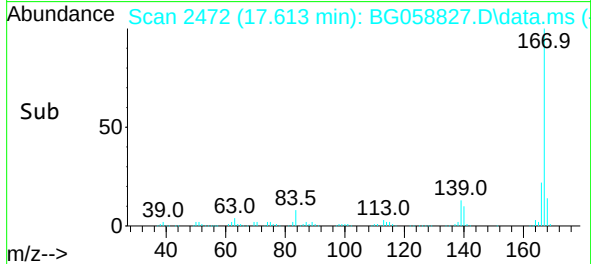
Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD



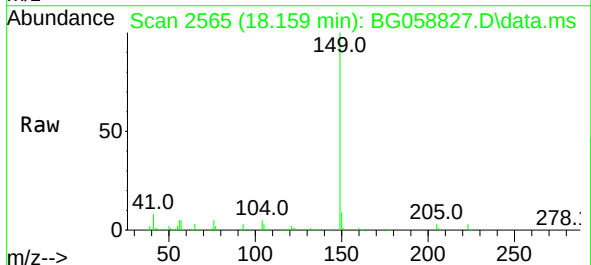
Tgt Ion:167 Resp: 337470
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 12.7 9.7 14.5

Manual Integrations
 APPROVED

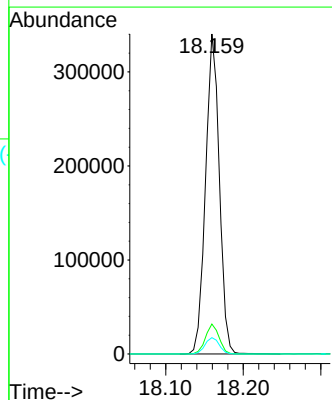
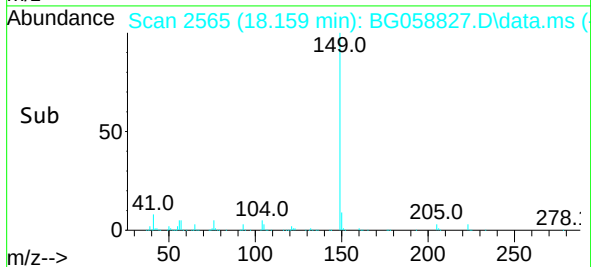
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

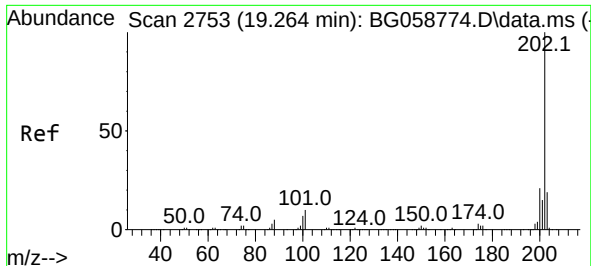


#74
 Di-n-butylphthalate
 Concen: 45.234 ng
 RT: 18.159 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19



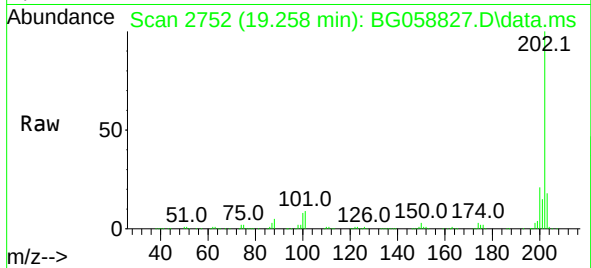
Tgt Ion:149 Resp: 419569
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 43.718 ng
RT: 19.258 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

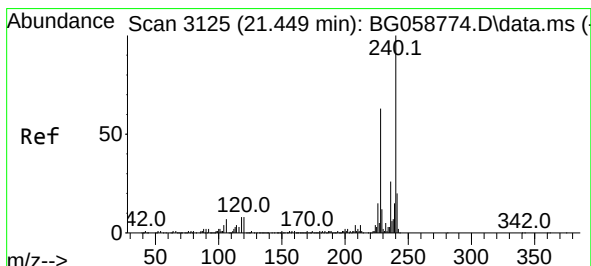
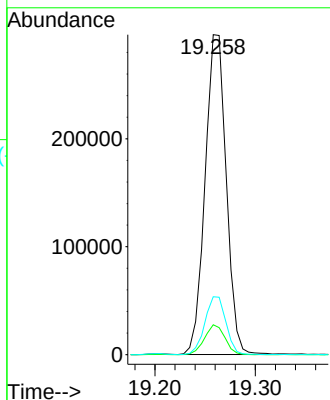
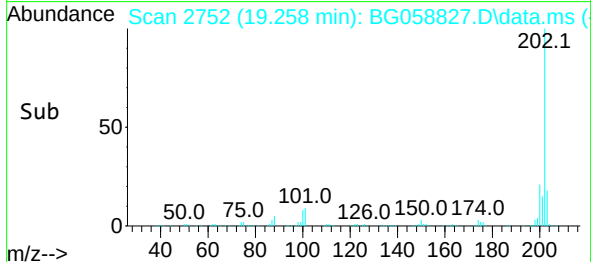
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



Tgt Ion:202 Resp: 434029
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.7
203 18.1 0.0 38.7

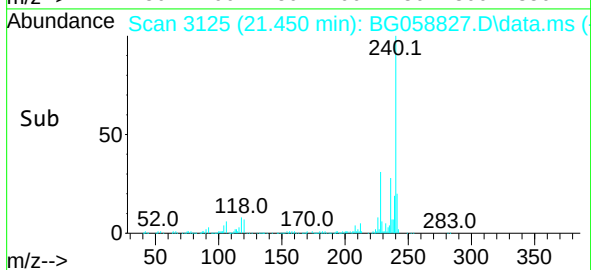
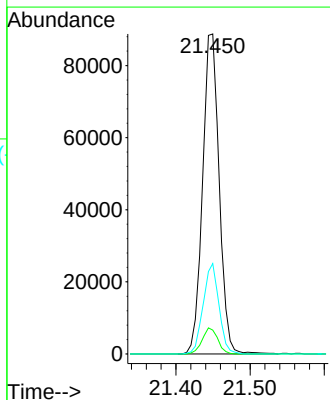
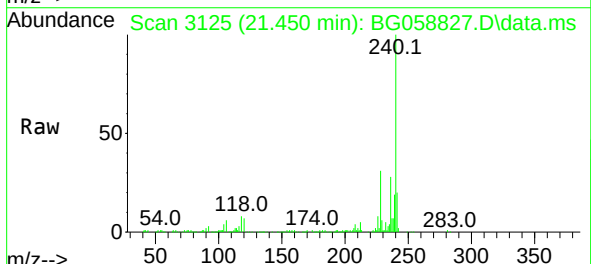
Manual Integrations
APPROVED

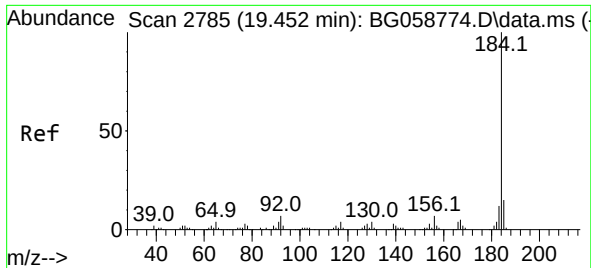
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

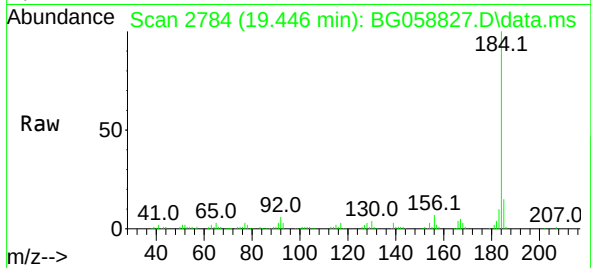
Tgt Ion:240 Resp: 138076
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.2
236 28.2 20.5 30.7





#77
Benzidine
Concen: 46.452 ng
RT: 19.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

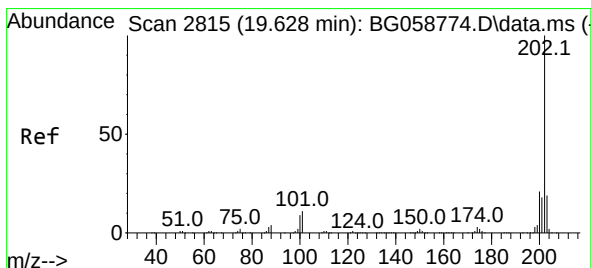
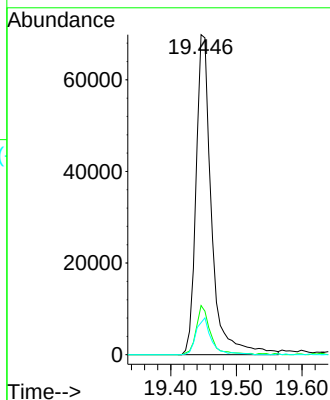
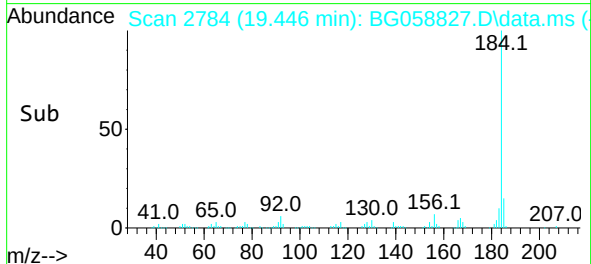
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



Tgt Ion:184 Resp: 114950
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 10.0 10.0 15.0

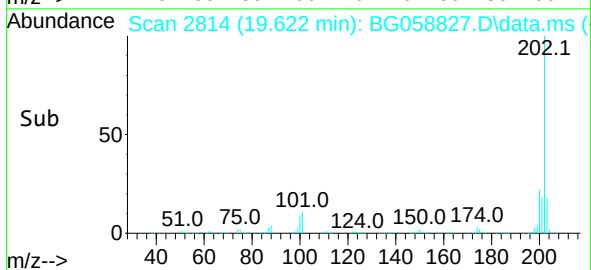
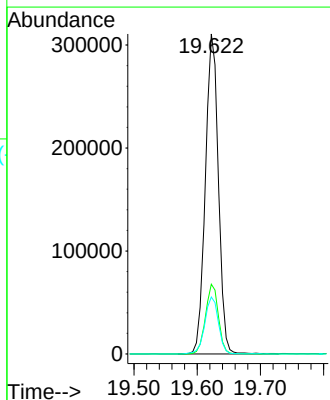
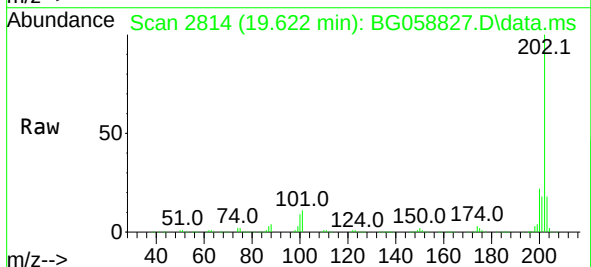
Manual Integrations
APPROVED

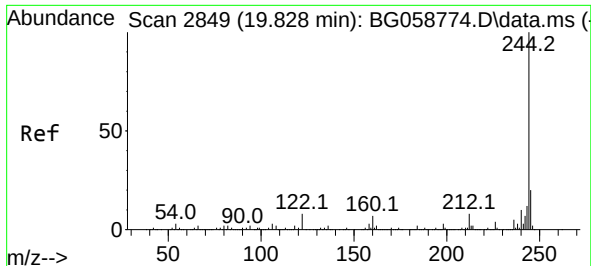
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#78
Pyrene
Concen: 46.169 ng
RT: 19.622 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

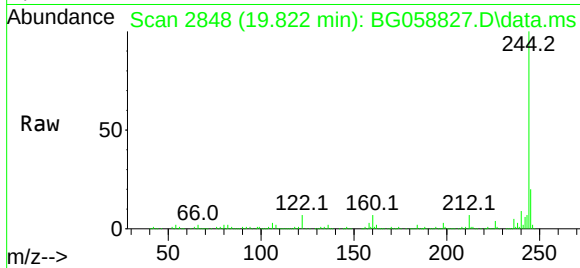
Tgt Ion:202 Resp: 444180
Ion Ratio Lower Upper
202 100
200 21.8 16.7 25.1
203 17.8 15.3 22.9





#79
 Terphenyl-d14
 Concen: 59.515 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19

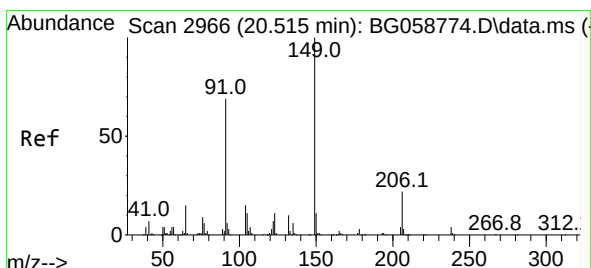
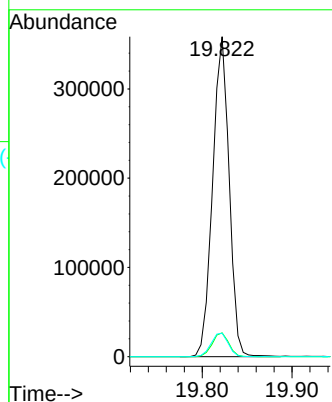
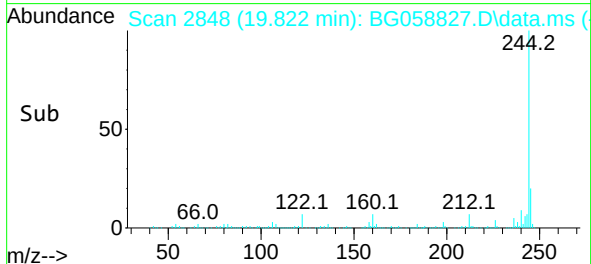
Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)MSD



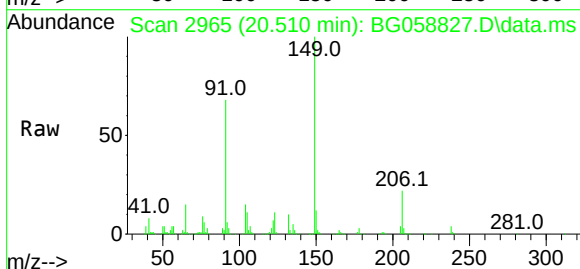
Tgt Ion:244 Resp: 45765
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 7.4 6.3 9.5

Manual Integrations
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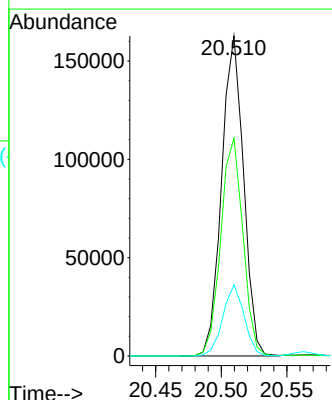
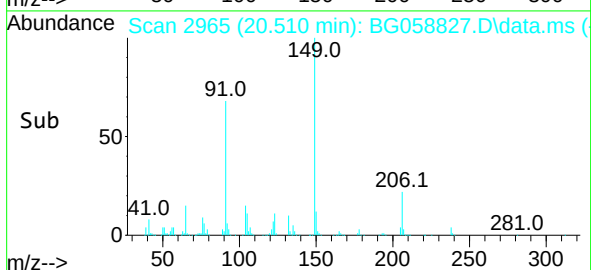
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

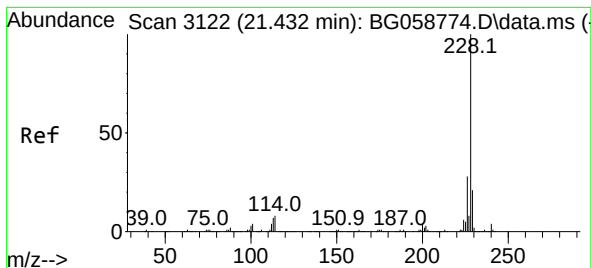


#80
 Butylbenzylphthalate
 Concen: 48.384 ng
 RT: 20.510 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BG058827.D
 Acq: 23 Aug 2023 18:19



Tgt Ion:149 Resp: 188785
 Ion Ratio Lower Upper
 149 100
 91 68.1 55.0 82.4
 206 22.2 17.6 26.4





#81

Benzo(a)anthracene

Concen: 47.023 ng

RT: 21.426 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

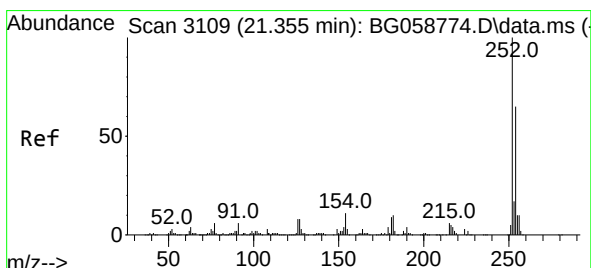
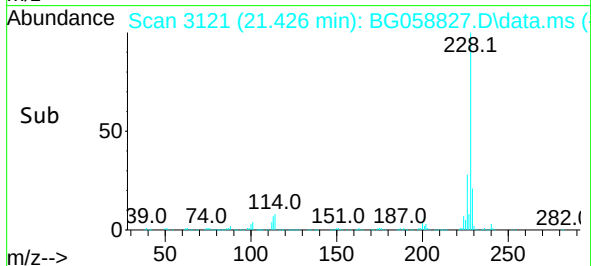
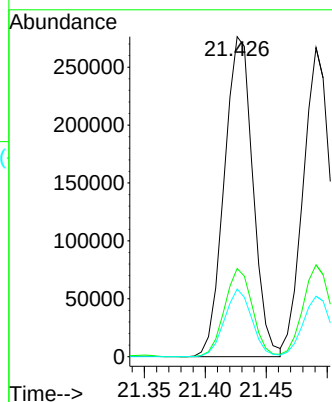
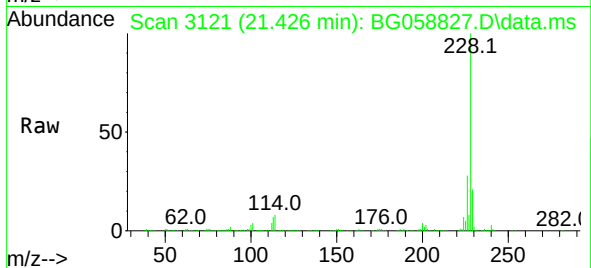
Tgt Ion:228 Resp: 451954
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.6 33.8
 229 21.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#82

3,3'-Dichlorobenzidine

Concen: 28.312 ng

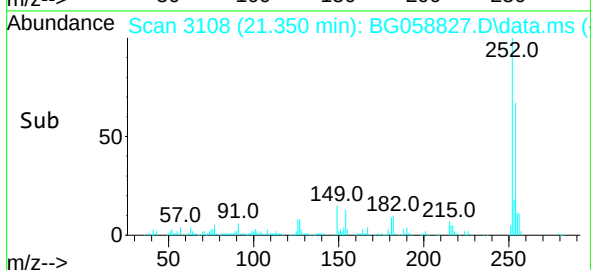
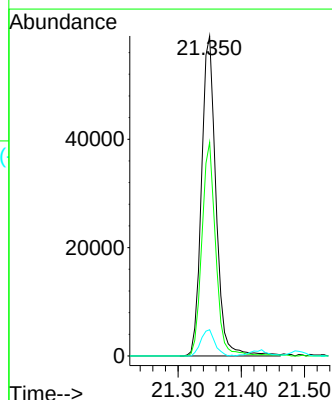
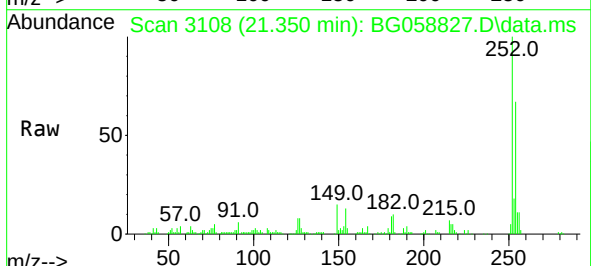
RT: 21.350 min Scan# 3108

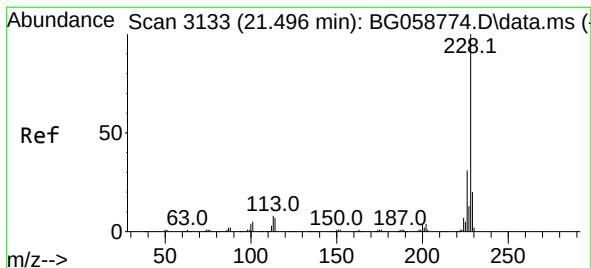
Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Tgt Ion:252 Resp: 93946
 Ion Ratio Lower Upper
 252 100
 254 66.8 51.8 77.6
 126 8.2 6.6 9.8





#83

Chrysene

Concen: 44.814 ng

RT: 21.491 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MSD

Tgt Ion:228 Resp: 415169

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

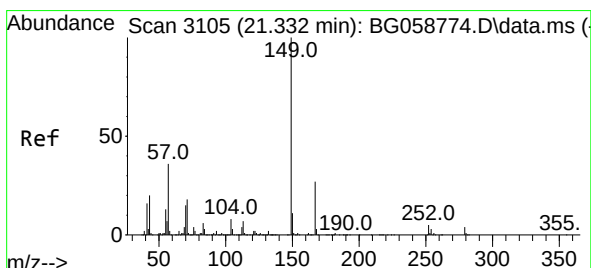
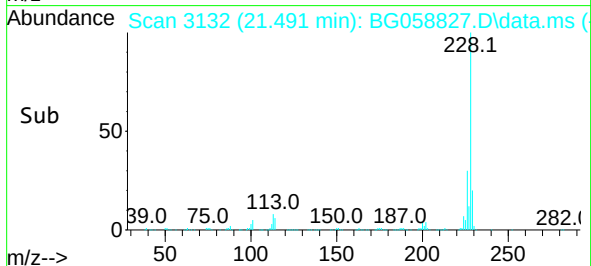
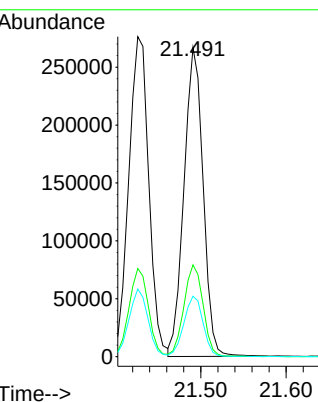
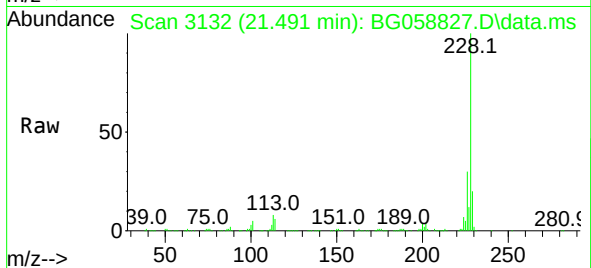
229 19.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.391 ng

RT: 21.326 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BG058827.D

Acq: 23 Aug 2023 18:19

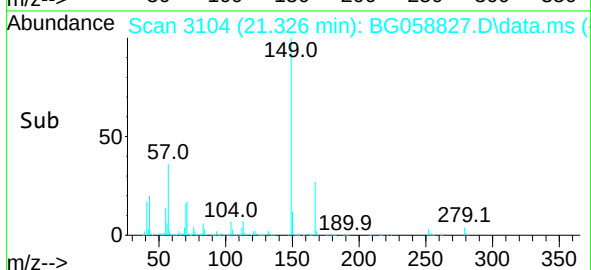
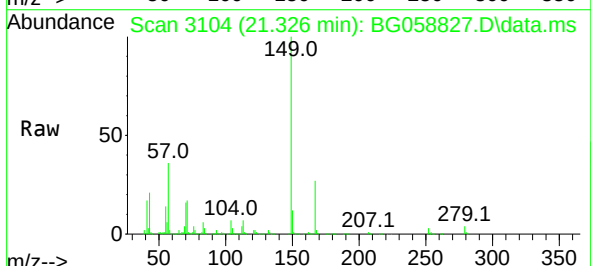
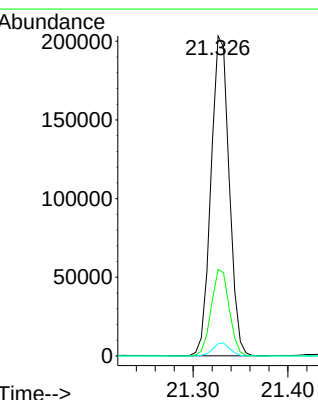
Tgt Ion:149 Resp: 271206

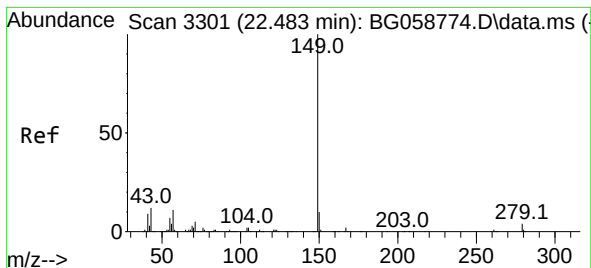
Ion Ratio Lower Upper

149 100

167 27.0 21.7 32.5

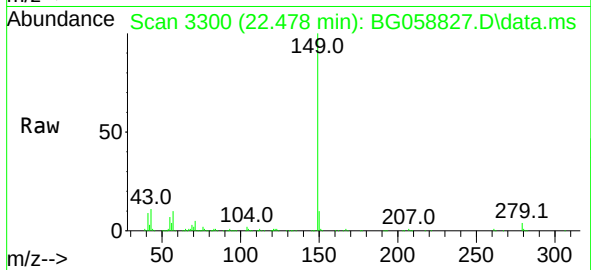
279 3.8 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.178 ng
RT: 22.478 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

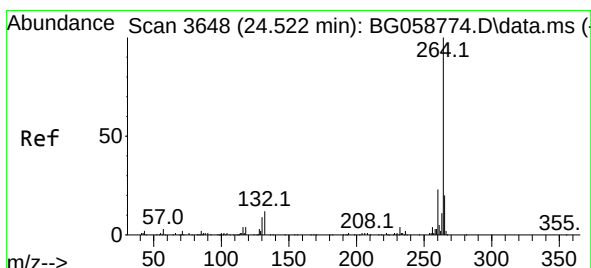
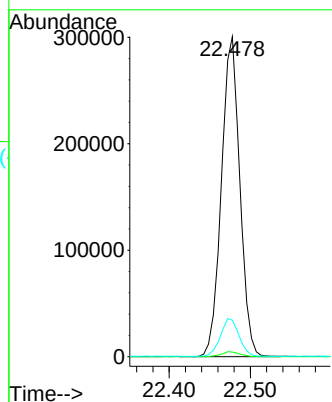
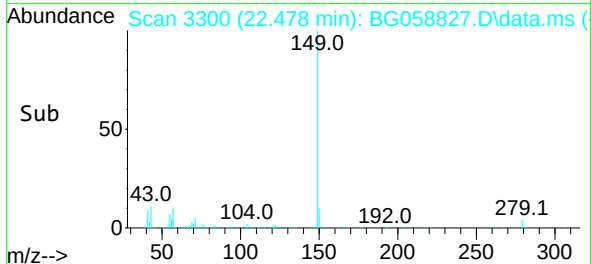
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



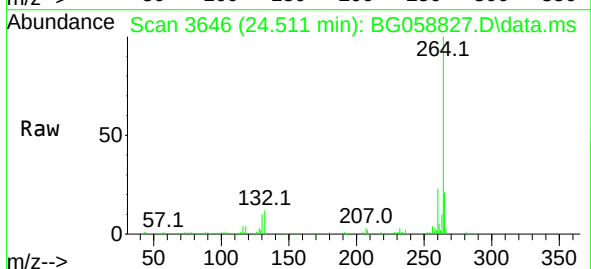
Tgt Ion:149 Resp: 474210
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.7 14.5

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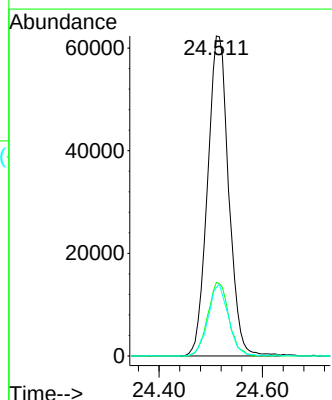
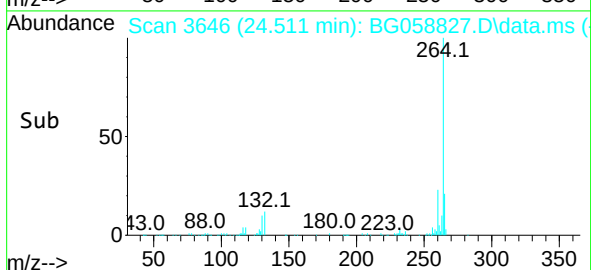
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

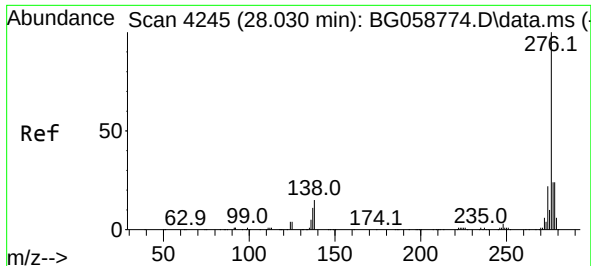


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.511 min Scan# 3646
Delta R.T. -0.011 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



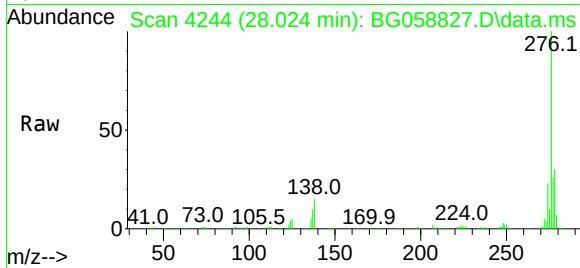
Tgt Ion:264 Resp: 176708
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.2
265 21.4 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.624 ng
RT: 28.024 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

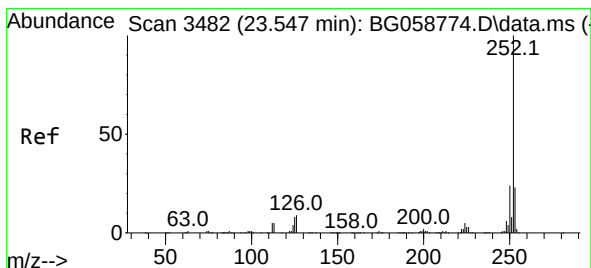
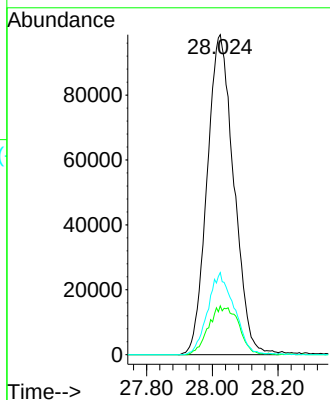
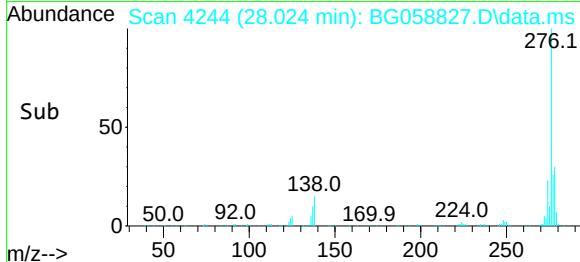
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



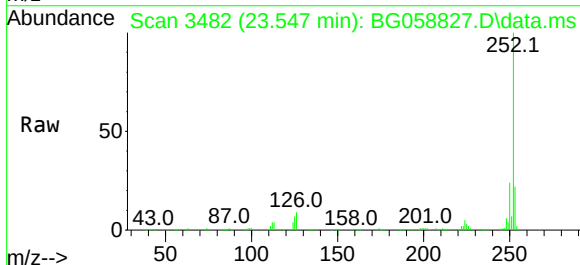
Tgt Ion:276 Resp: 557408
Ion Ratio Lower Upper
276 100
138 8.2 6.2 9.2
277 25.4 20.4 30.6

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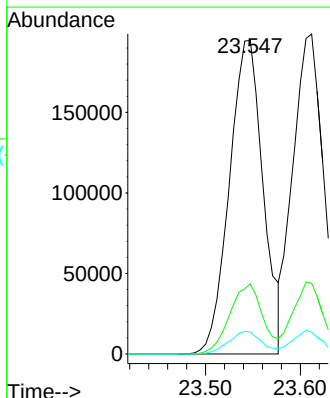
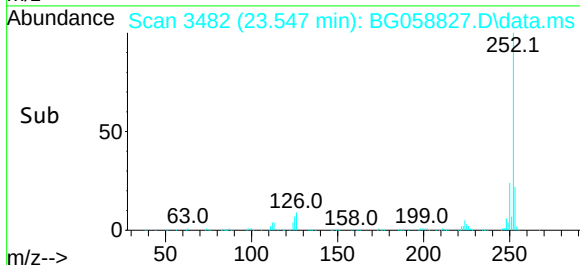
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

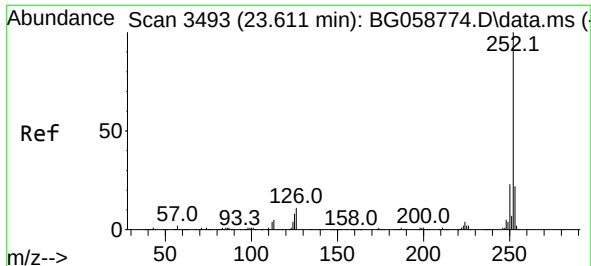


#88
Benzo(b)fluoranthene
Concen: 49.090 ng
RT: 23.547 min Scan# 3482
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19



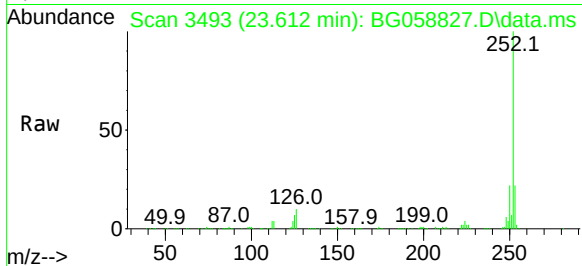
Tgt Ion:252 Resp: 481307
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 7.1 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 44.524 ng
RT: 23.612 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

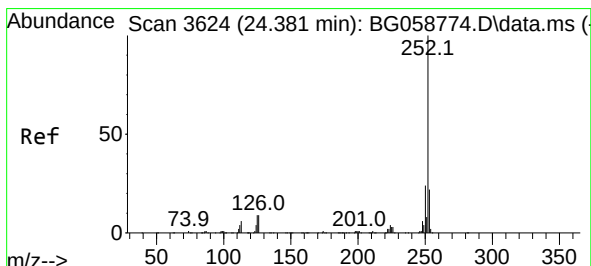
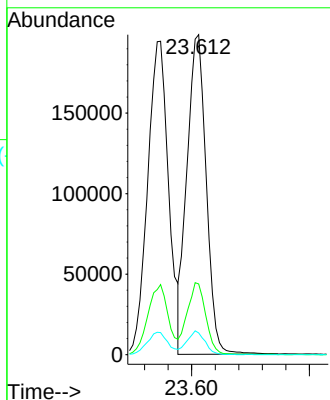
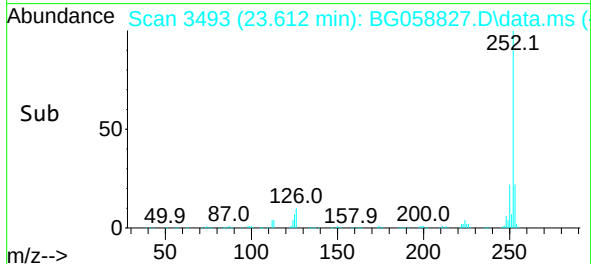
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



Tgt Ion:252 Resp: 450209
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 6.8 6.3 9.5

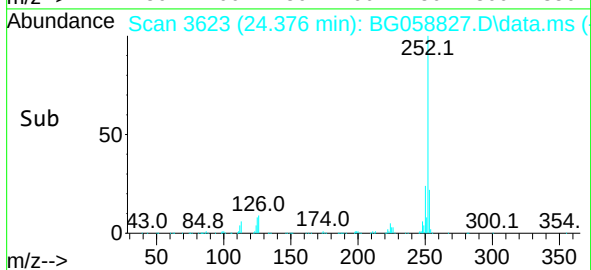
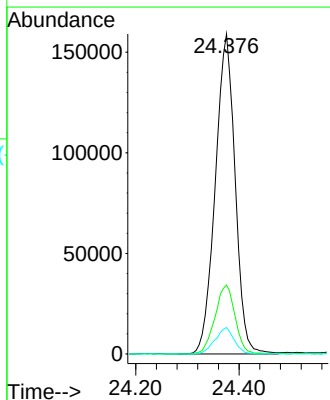
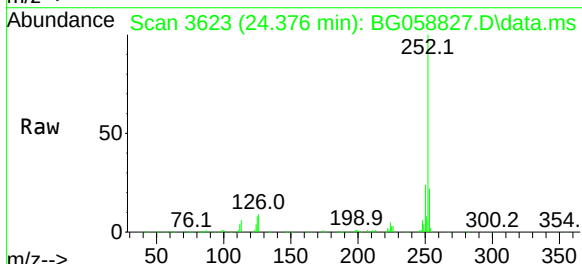
Manual Integrations
APPROVED

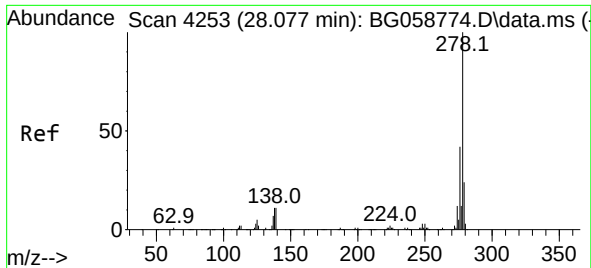
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#90
Benzo(a)pyrene
Concen: 43.846 ng
RT: 24.376 min Scan# 3623
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

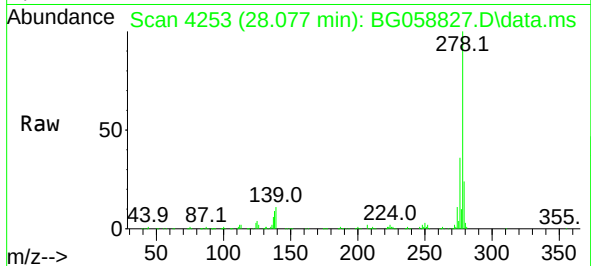
Tgt Ion:252 Resp: 423298
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.2 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 47.015 ng
RT: 28.077 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

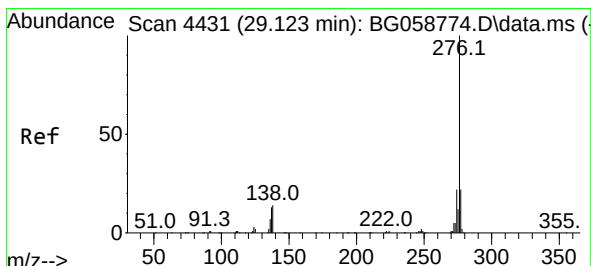
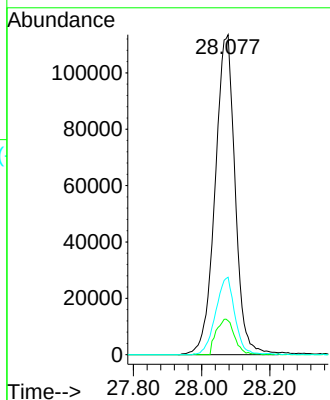
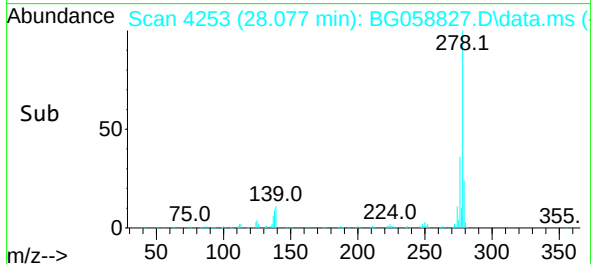
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD



Tgt Ion:278 Resp: 461874
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 24.2 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#92
Benzo(g,h,i)perylene
Concen: 46.193 ng
RT: 29.117 min Scan# 4430
Delta R.T. -0.006 min
Lab File: BG058827.D
Acq: 23 Aug 2023 18:19

Tgt Ion:276 Resp: 453719
Ion Ratio Lower Upper
276 100
277 24.0 17.8 26.6
138 14.2 11.1 16.7

