

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
 Data File : BG058780.D
 Acq On : 18 Aug 2023 17:30
 Operator : MA/JU
 Sample : PB154909BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154909BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 21 02:12:59 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	22032	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	94652	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	67555	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	173755	20.000	ng	0.00
76) Chrysene-d12	21.449	240	147296	20.000	ng	0.00
86) Perylene-d12	24.522	264	186163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	219201	160.108	ng	0.00
7) Phenol-d6	6.984	99	297567	154.915	ng	0.00
23) Nitrobenzene-d5	8.976	82	181953	92.421	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	158148	149.302	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	419908	90.406	ng	0.00
79) Terphenyl-d14	19.828	244	831821	101.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.265	88	26207	40.715	ng	95
3) Pyridine	3.658	79	65137	38.295	ng	95
4) n-Nitrosodimethylamine	3.582	42	46558	50.348	ng	# 99
6) Aniline	7.137	93	96221	40.979	ng	99
8) 2-Chlorophenol	7.377	128	80438	58.108	ng	99
9) Benzaldehyde	6.949	77	37111m	34.443	ng	
10) Phenol	7.013	94	109710	59.232	ng	95
11) bis(2-Chloroethyl)ether	7.231	93	76588	52.992	ng	99
12) 1,3-Dichlorobenzene	7.695	146	77758	52.883	ng	99
13) 1,4-Dichlorobenzene	7.842	146	80410	54.079	ng	98
14) 1,2-Dichlorobenzene	8.159	146	77531	53.949	ng	99
15) Benzyl Alcohol	8.053	79	81179	59.110	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.341	45	160001m	51.947	ng	
17) 2-Methylphenol	8.259	107	73240	53.837	ng	98
18) Hexachloroethane	8.887	117	29663	54.754	ng	97
19) n-Nitroso-di-n-propyla...	8.617	70	62633	50.444	ng	98
20) 3+4-Methylphenols	8.588	107	100640	55.025	ng	95
22) Acetophenone	8.635	105	126478	49.363	ng	# 98
24) Nitrobenzene	9.017	77	95106	48.571	ng	97
25) Isophorone	9.534	82	186952	47.751	ng	97
26) 2-Nitrophenol	9.728	139	43213	52.768	ng	97
27) 2,4-Dimethylphenol	9.792	122	73183	52.729	ng	94
28) bis(2-Chloroethoxy)met...	10.021	93	103882	50.092	ng	100
29) 2,4-Dichlorophenol	10.268	162	79933	56.047	ng	97
30) 1,2,4-Trichlorobenzene	10.474	180	86323	50.123	ng	99
31) Naphthalene	10.662	128	241663	48.626	ng	99
32) Benzoic acid	9.969	122	42918m	50.164	ng	
33) 4-Chloroaniline	10.779	127	73732	35.178	ng	99
34) Hexachlorobutadiene	10.938	225	55947	48.133	ng	97
35) Caprolactam	11.561	113	29273m	57.280	ng	
36) 4-Chloro-3-methylphenol	11.907	107	95478	53.833	ng	100
37) 2-Methylnaphthalene	12.278	142	168967	47.337	ng	99
38) 1-Methylnaphthalene	12.495	142	163868	48.363	ng	100
40) 1,2,4,5-Tetrachloroben...	12.648	216	101184	48.585	ng	98
41) Hexachlorocyclopentadiene	12.618	237	90402	107.004	ng	96
43) 2,4,6-Trichlorophenol	12.895	196	71259	53.773	ng	99

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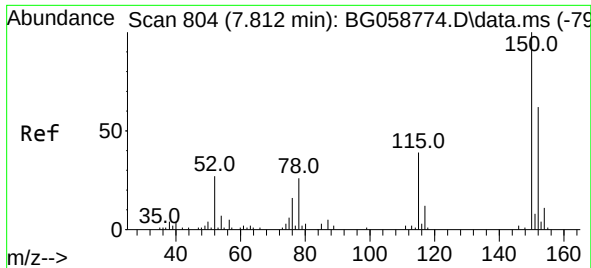
Manual Integrations
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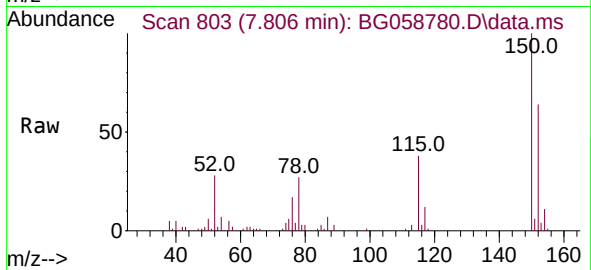
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	78513	49.476	ng	98
46) 1,1'-Biphenyl	13.288	154	228779	49.160	ng	97
47) 2-Chloronaphthalene	13.335	162	182226	50.246	ng	99
48) 2-Nitroaniline	13.547	65	72483	52.624	ng	95
49) Acenaphthylene	14.181	152	305529	50.801	ng	99
50) Dimethylphthalate	13.917	163	263531	50.382	ng	99
51) 2,6-Dinitrotoluene	14.040	165	57103	51.964	ng	95
52) Acenaphthene	14.522	154	170838	48.609	ng	99
53) 3-Nitroaniline	14.375	138	43235	40.793	ng	94
54) 2,4-Dinitrophenol	14.593	184	63560	101.467	ng	97
55) Dibenzofuran	14.857	168	300319	49.536	ng	99
56) 4-Nitrophenol	14.698	139	86652	111.174	ng	97
57) 2,4-Dinitrotoluene	14.833	165	84925	55.409	ng	93
58) Fluorene	15.509	166	245612	50.906	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.086	232	75855	58.577	ng	94
60) Diethylphthalate	15.280	149	276007	51.179	ng	99
61) 4-Chlorophenyl-phenyle...	15.497	204	133112	49.775	ng	97
62) 4-Nitroaniline	15.544	138	58796	54.665	ng	99
63) Azobenzene	15.791	77	248577	50.198	ng	98
65) 4,6-Dinitro-2-methylph...	15.603	198	50142	51.054	ng	96
66) n-Nitrosodiphenylamine	15.721	169	221313	49.419	ng	97
67) 4-Bromophenyl-phenylether	16.390	248	92761	48.650	ng	99
68) Hexachlorobenzene	16.514	284	104124	50.740	ng	98
69) Atrazine	16.667	200	96491	60.882	ng	97
70) Pentachlorophenol	16.860	266	93590	86.975	ng	100
71) Phenanthrene	17.248	178	416991	49.990	ng	99
72) Anthracene	17.336	178	419099	50.095	ng	100
73) Carbazole	17.613	167	399437	52.138	ng	100
74) Di-n-butylphthalate	18.165	149	488947	50.592	ng	100
75) Fluoranthene	19.264	202	516960	49.975	ng	99
77) Benzidine	19.452	184	198191	75.077	ng	98
78) Pyrene	19.628	202	527983	51.445	ng	99
80) Butylbenzylphthalate	20.509	149	218073	52.391	ng	96
81) Benzo(a)anthracene	21.432	228	532653	51.950	ng	97
82) 3,3'-Dichlorobenzidine	21.349	252	153683	43.415	ng	98
83) Chrysene	21.496	228	493636	49.949	ng	99
84) Bis(2-ethylhexyl)phtha...	21.332	149	314141	51.458	ng	98
85) Di-n-octyl phthalate	22.483	149	548918	52.277	ng	100
87) Indeno(1,2,3-cd)pyrene	28.030	276	665328	52.824	ng	# 93
88) Benzo(b)fluoranthene	23.547	252	565160	54.714	ng	99
89) Benzo(k)fluoranthene	23.617	252	530893	49.837	ng	99
90) Benzo(a)pyrene	24.381	252	497355	48.901	ng	99
91) Dibenzo(a,h)anthracene	28.077	278	548659	53.012	ng	100
92) Benzo(g,h,i)perylene	29.123	276	535199	51.722	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

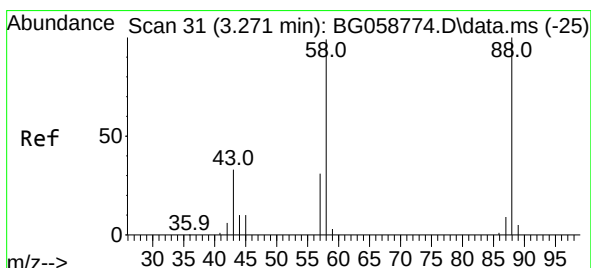
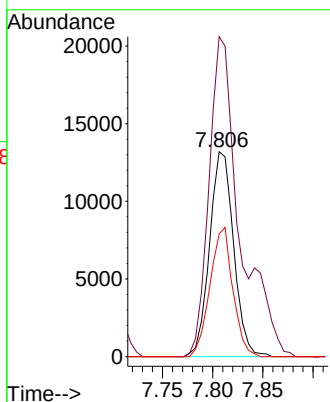
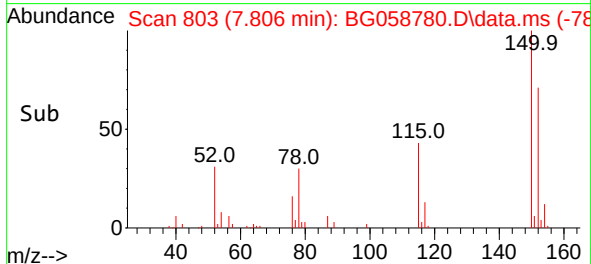
Instrument :
BNA_G
ClientSampleId :
PB154909BS



Tgt Ion:152 Resp: 22032
Ion Ratio Lower Upper
152 100
150 156.2 128.6 192.8
115 59.8 50.4 75.6

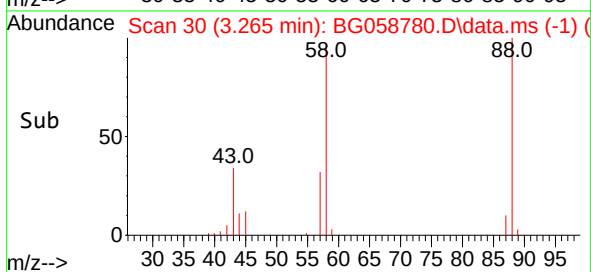
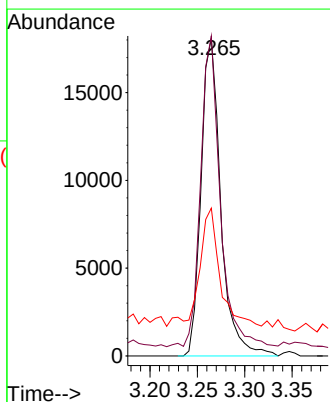
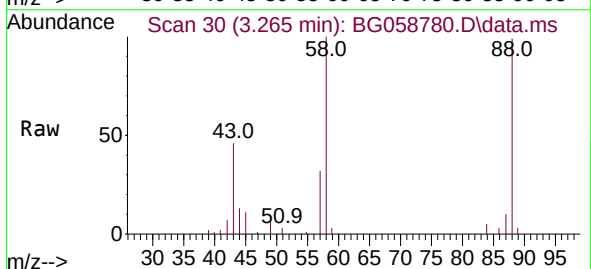
Manual Integrations
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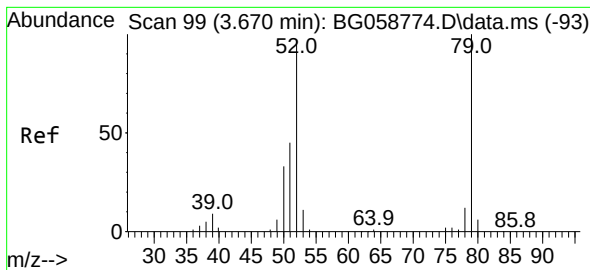
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#2
1,4-Dioxane
Concen: 40.715 ng
RT: 3.265 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion: 88 Resp: 26207
Ion Ratio Lower Upper
88 100
58 97.3 82.8 124.2
43 36.3 30.1 45.1





#3

Pyridine

Concen: 38.295 ng

RT: 3.658 min Scan# 91

Delta R.T. -0.012 min

Lab File: BG058780.D

Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

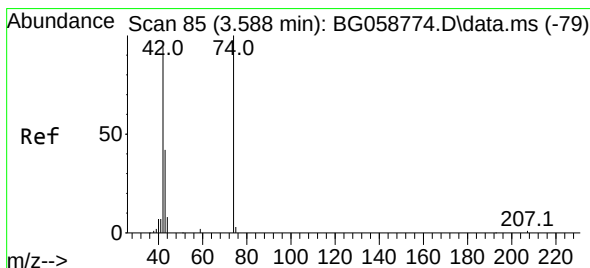
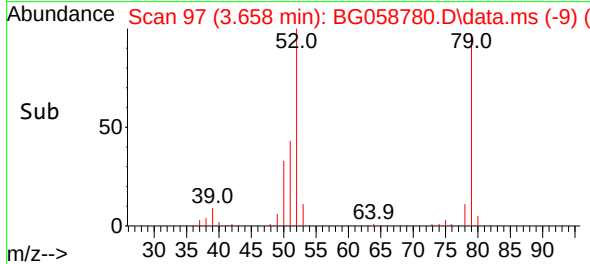
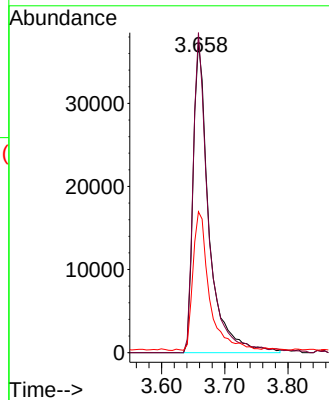
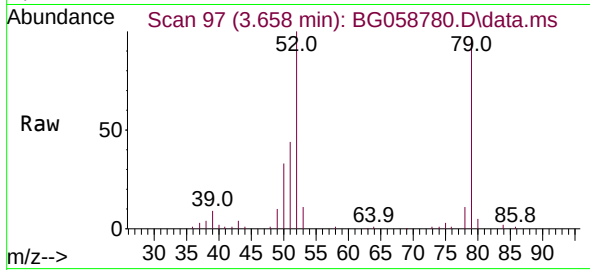
Tgt Ion:	79	Resp:	6513
Ion Ratio	Lower	Upper	
79	100		
52	103.3	77.6	116.4
51	45.5	37.5	56.3

Manual Integrations

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Supervised By :mohammad ahmed 08/22/2023



#4

n-Nitrosodimethylamine

Concen: 50.348 ng

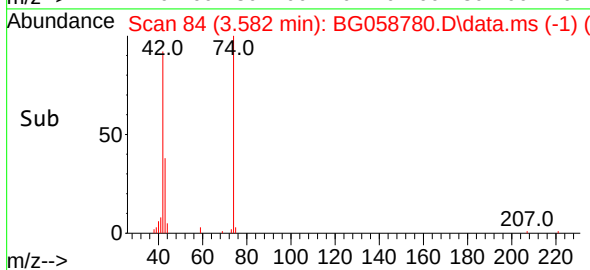
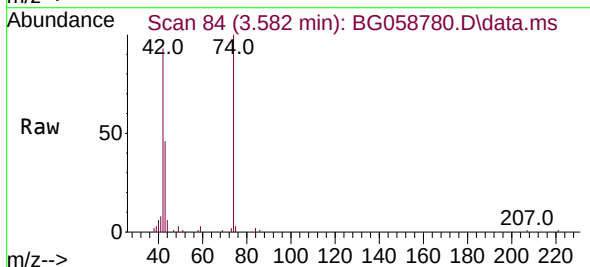
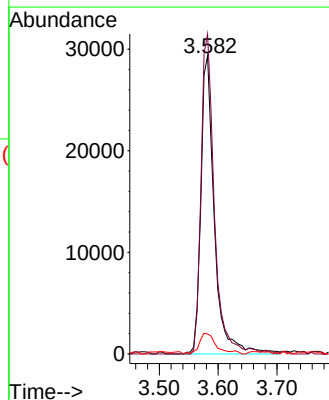
RT: 3.582 min Scan# 84

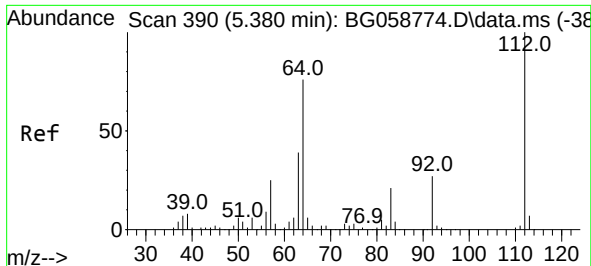
Delta R.T. -0.006 min

Lab File: BG058780.D

Acq: 18 Aug 2023 17:30

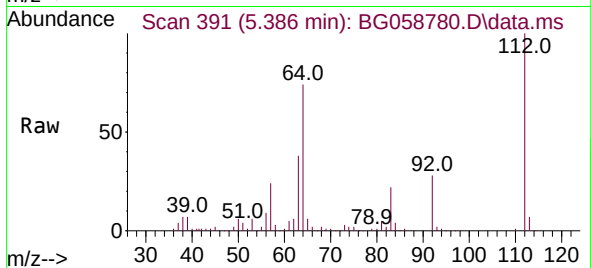
Tgt Ion:	42	Resp:	46558
Ion Ratio	Lower	Upper	
42	100		
74	107.3	85.1	127.7
44	6.7	6.9	10.3





#5
2-Fluorophenol
Concen: 160.108 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

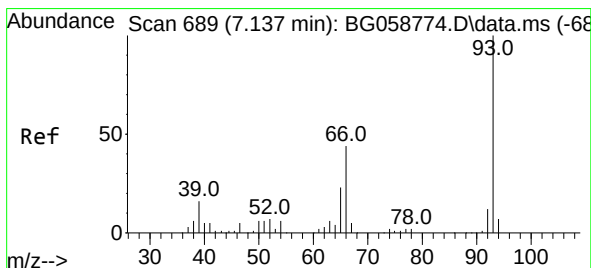
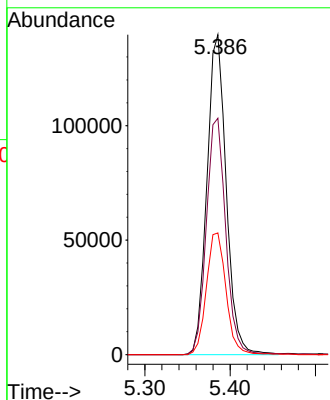
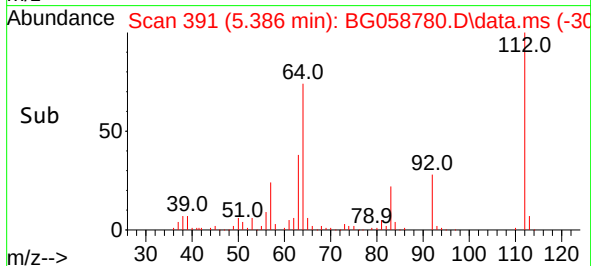
Instrument :
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Tgt Ion: 112 Resp: 219201
Ion Ratio Lower Upper
112 100
64 73.9 60.6 90.8
63 38.0 31.0 46.4

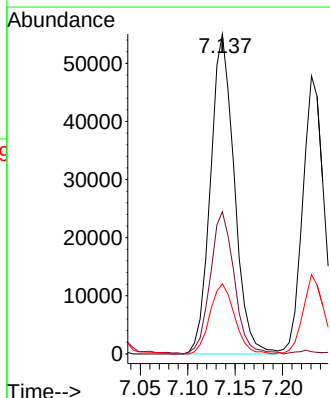
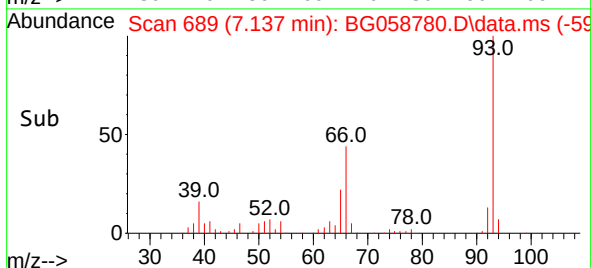
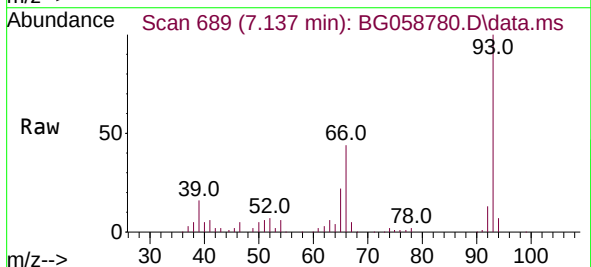
Manual Integrations
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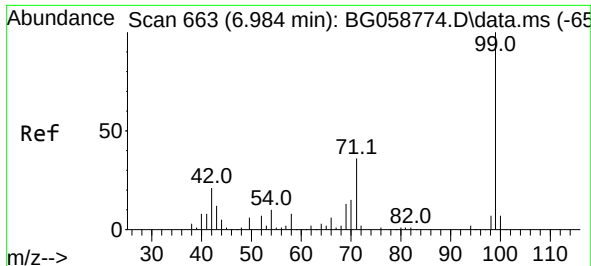
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#6
Aniline
Concen: 40.979 ng
RT: 7.137 min Scan# 689
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

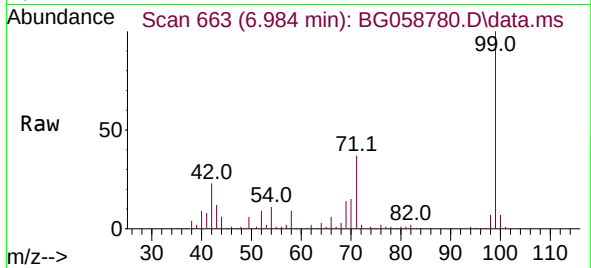
Tgt Ion: 93 Resp: 96221
Ion Ratio Lower Upper
93 100
66 44.4 35.7 53.5
65 21.9 18.2 27.2





#7
Phenol-d6
Concen: 154.915 ng
RT: 6.984 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

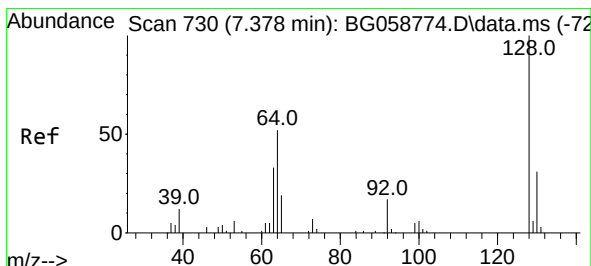
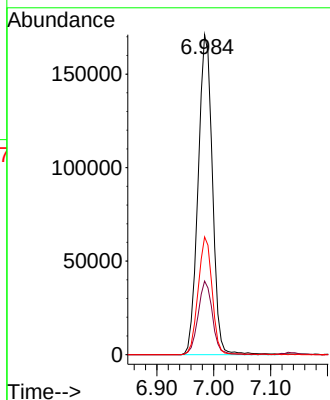
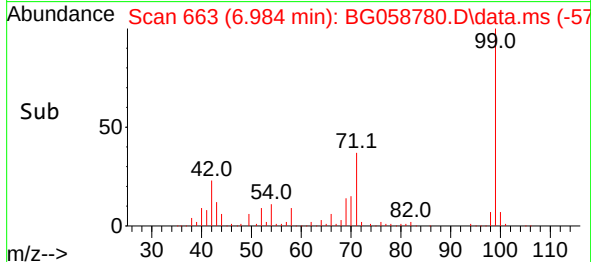
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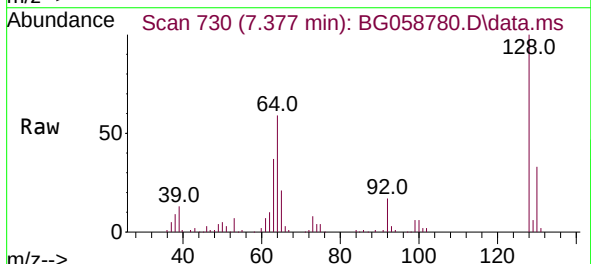
Tgt Ion: 99 Resp: 297562
Ion Ratio Lower Upper
99 100
42 23.0 16.5 24.7
71 36.8 28.4 42.6

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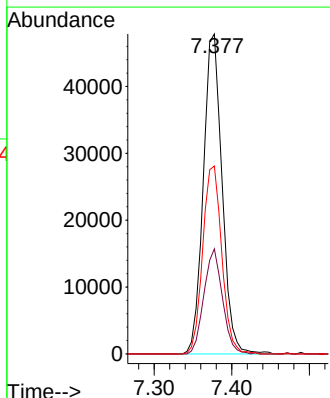
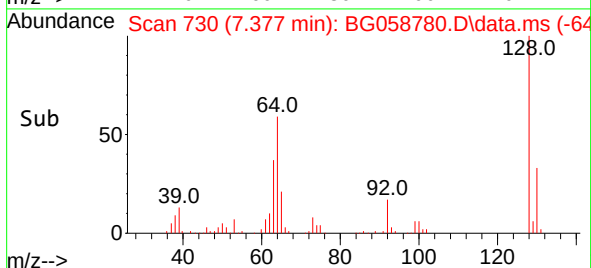
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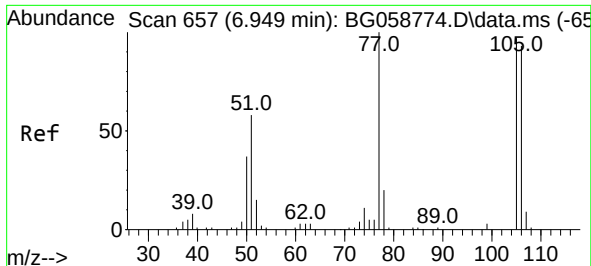


#8
2-Chlorophenol
Concen: 58.108 ng
RT: 7.377 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:128 Resp: 80438
Ion Ratio Lower Upper
128 100
130 32.8 10.9 50.9
64 58.7 38.4 78.4





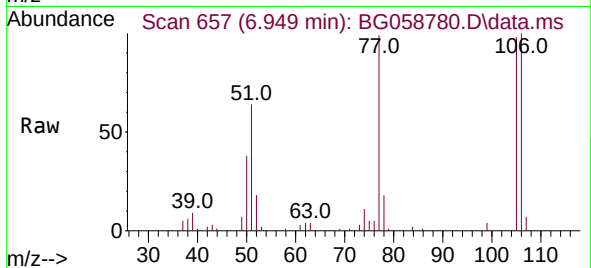
#9
Benzaldehyde
Concen: 34.443 ng m
RT: 6.949 min Scan# 657
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

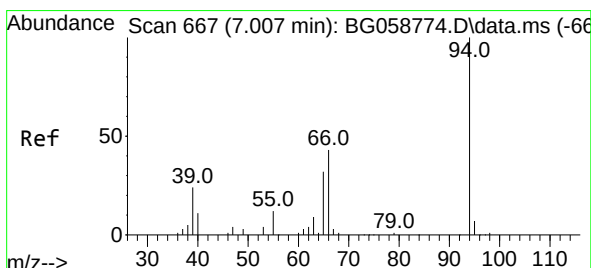
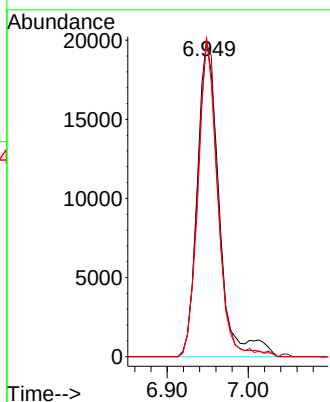
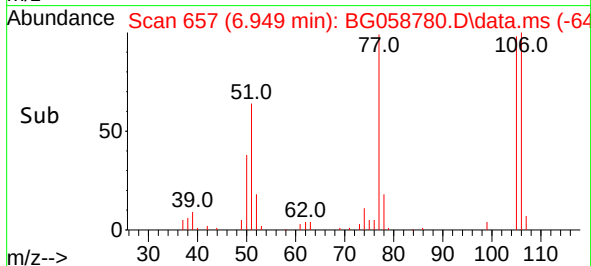


Tgt Ion: 77 Resp: 3711
Ion Ratio Lower Upper
77 100
105 98.6 76.7 116.7
106 101.0 73.4 113.4

Manual Integrations

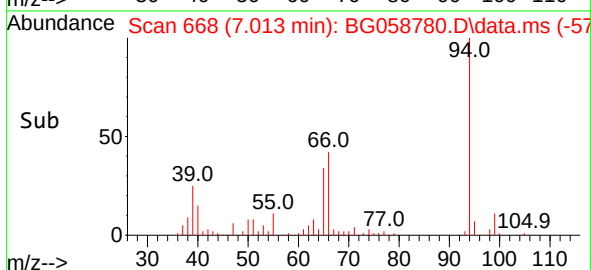
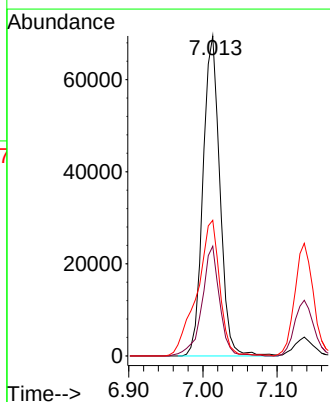
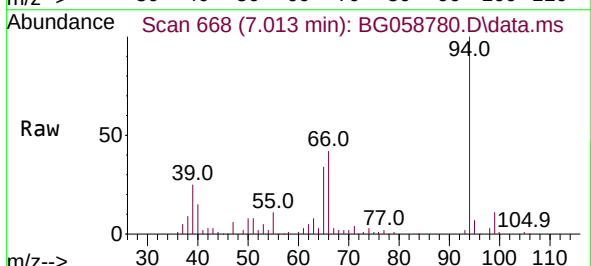
APPROVED

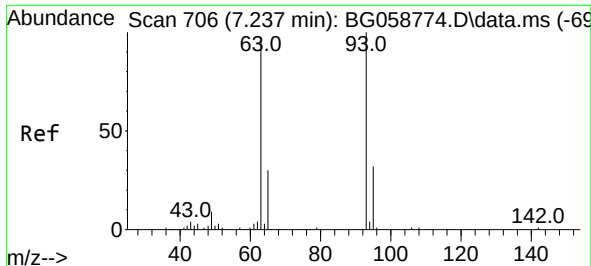
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#10
Phenol
Concen: 59.232 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion: 94 Resp: 109710
Ion Ratio Lower Upper
94 100
65 34.3 12.6 52.6
66 42.4 26.6 66.6





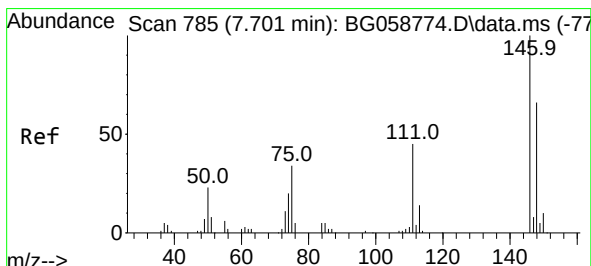
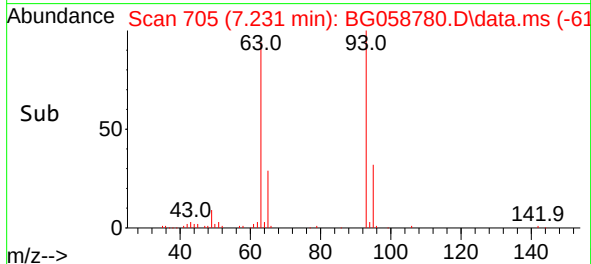
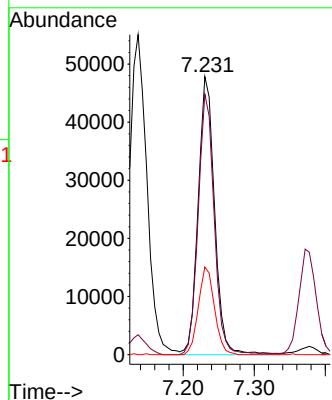
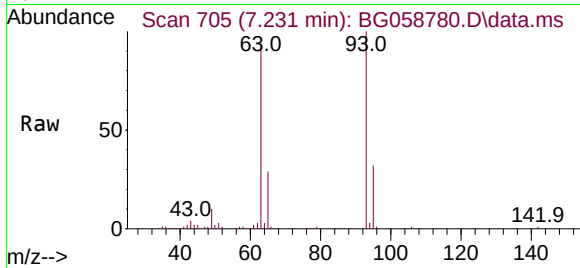
#11
bis(2-Chloroethyl)ether
Concen: 52.992 ng
RT: 7.231 min Scan# 706
Delta R.T. -0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :
BNA_G
ClientSampleId :
PB154909BS

Tgt Ion: 93 Resp: 76588
Ion Ratio Lower Upper
93 100
63 93.7 74.8 114.8
95 31.5 12.1 52.1

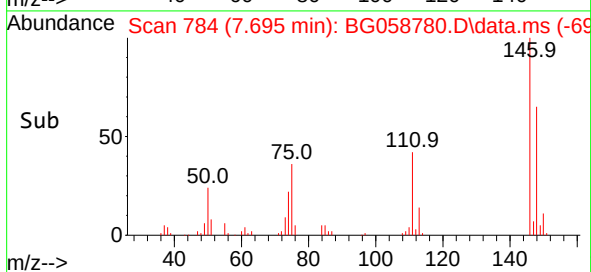
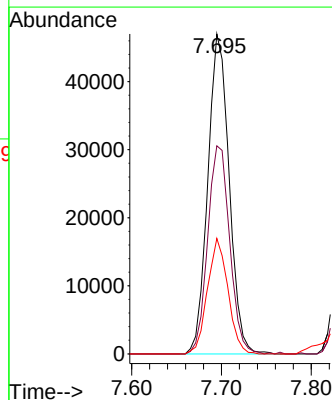
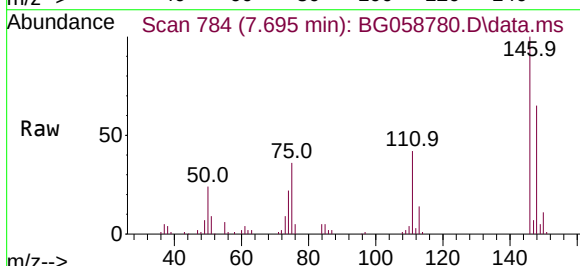
Manual Integrations
APPROVED

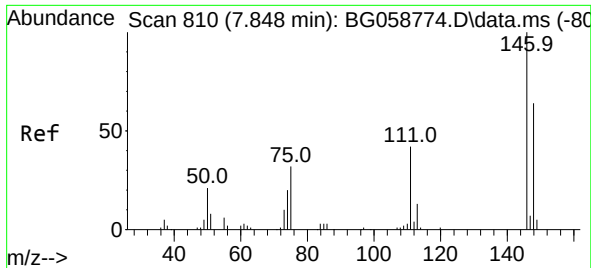
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
1,3-Dichlorobenzene
Concen: 52.883 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:146 Resp: 77758
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
75 36.1 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 54.079 ng

RT: 7.842 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG058780.D

Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

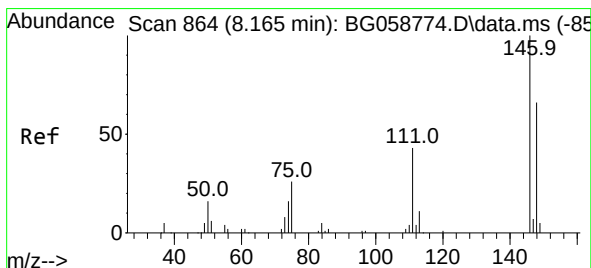
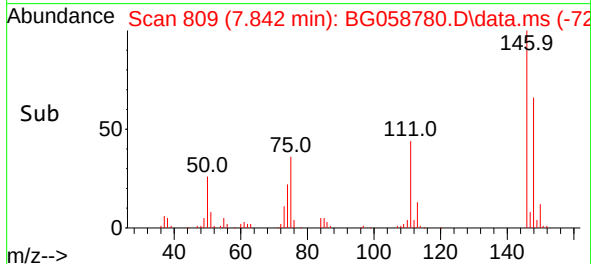
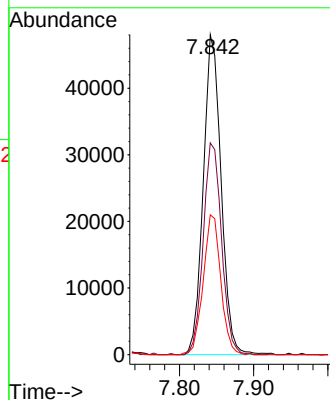
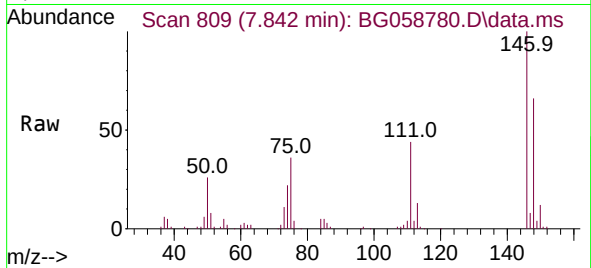
PB154909BS

Tgt Ion:146 Resp: 80410
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.3 76.9
 111 43.7 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#14

1,2-Dichlorobenzene

Concen: 53.949 ng

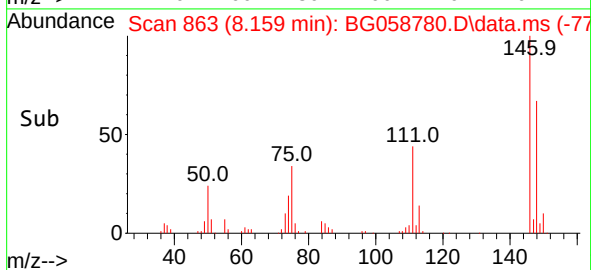
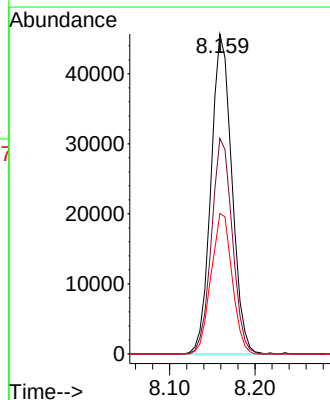
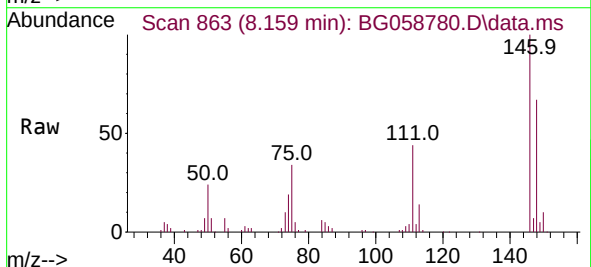
RT: 8.159 min Scan# 863

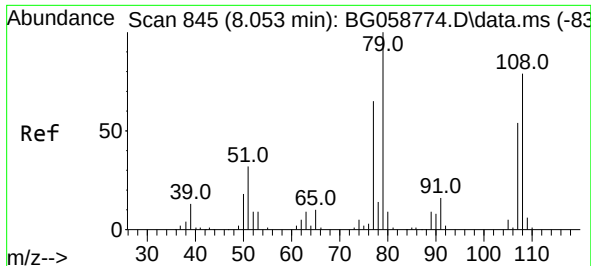
Delta R.T. -0.006 min

Lab File: BG058780.D

Acq: 18 Aug 2023 17:30

Tgt Ion:146 Resp: 77531
 Ion Ratio Lower Upper
 146 100
 148 67.3 52.9 79.3
 111 43.9 35.5 53.3





#15
Benzyl Alcohol
Concen: 59.110 ng
RT: 8.053 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

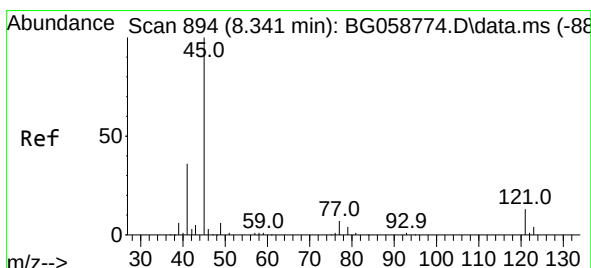
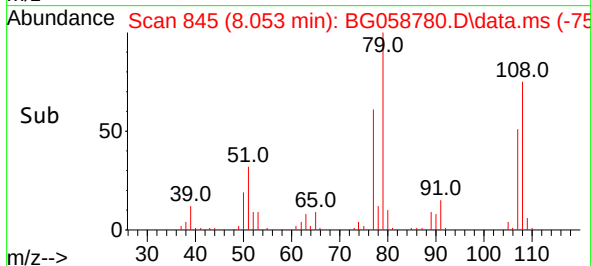
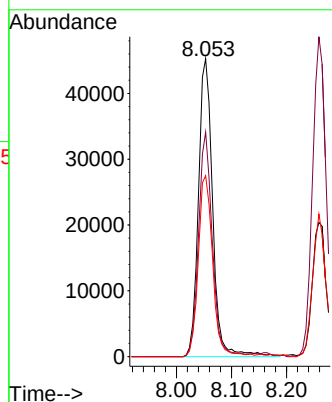
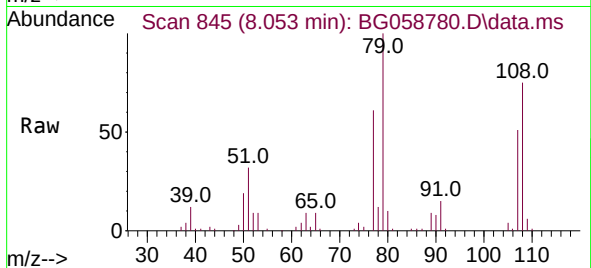
PB154909BS

Tgt Ion: 79 Resp: 81179
Ion Ratio Lower Upper
79 100
108 75.4 63.4 95.0
77 60.7 52.2 78.2

Manual Integrations

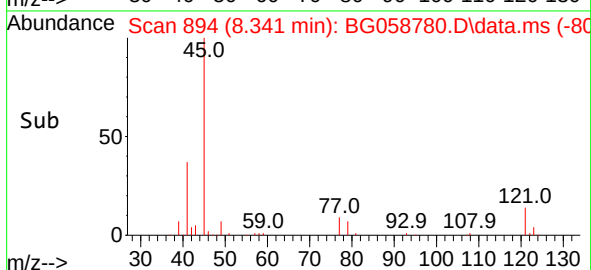
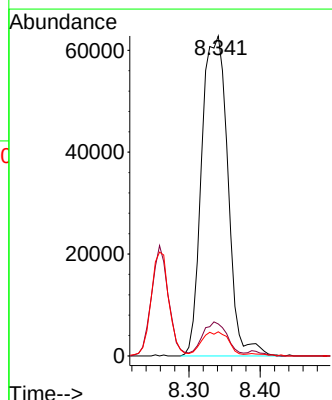
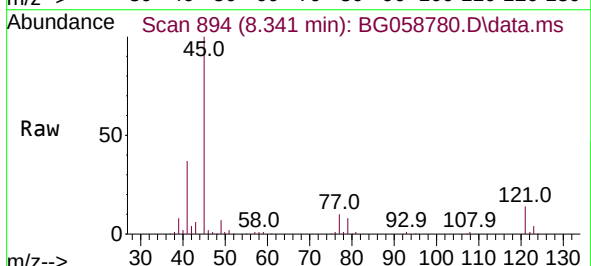
APPROVED

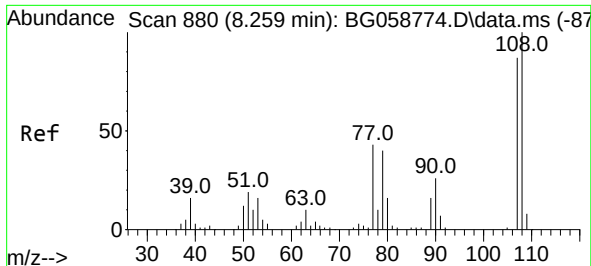
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.947 ng m
RT: 8.341 min Scan# 894
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion: 45 Resp: 160001
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.3
79 7.5 0.0 27.7





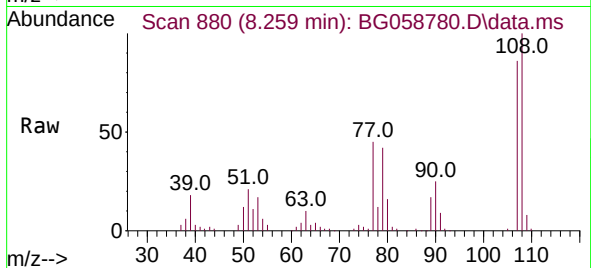
#17
2-Methylphenol
Concen: 53.837 ng
RT: 8.259 min Scan# 880
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

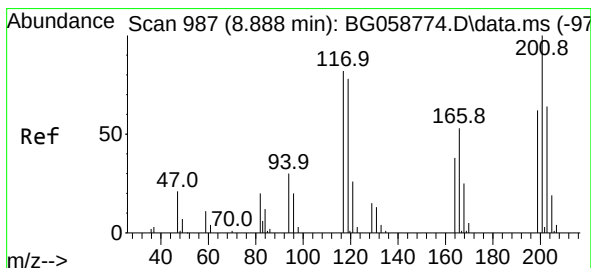
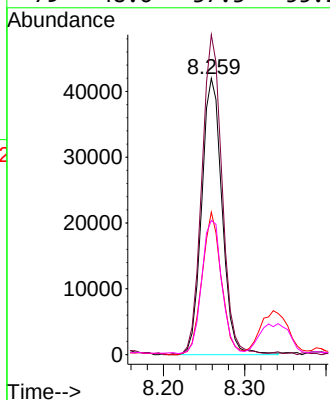
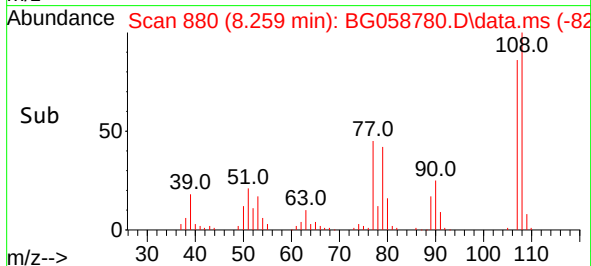


Tgt Ion:107 Resp: 73240
Ion Ratio Lower Upper
107 100
108 115.9 92.2 138.2
77 51.6 40.0 60.0
79 48.6 37.3 55.9

Manual Integrations

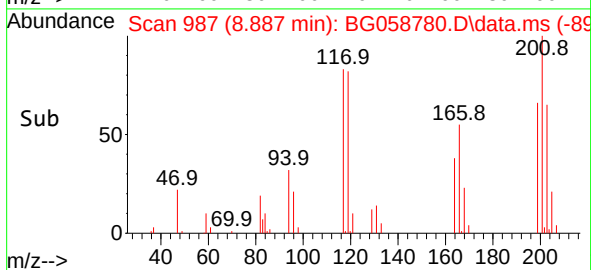
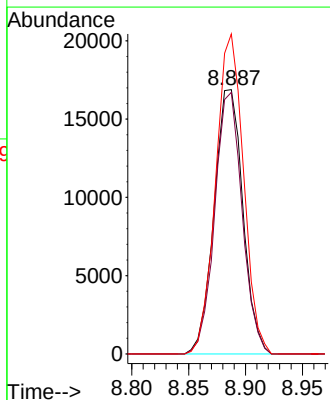
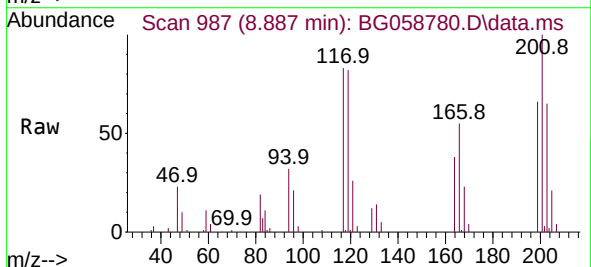
APPROVED

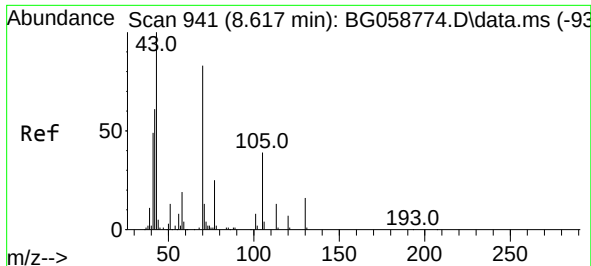
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#18
Hexachloroethane
Concen: 54.754 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:117 Resp: 29663
Ion Ratio Lower Upper
117 100
119 99.0 76.6 115.0
201 124.2 97.0 145.6





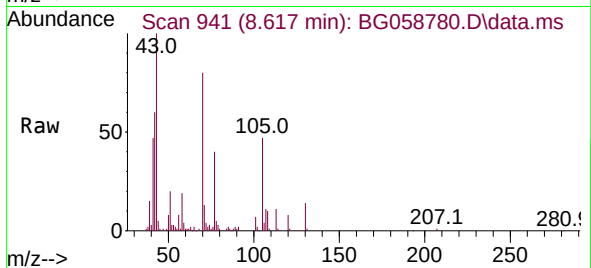
#19
n-Nitroso-di-n-propylamine
Concen: 50.444 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

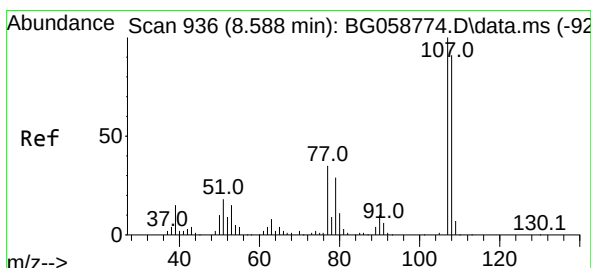
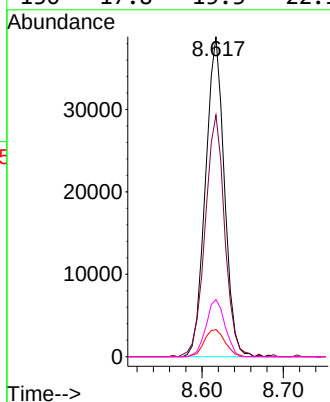
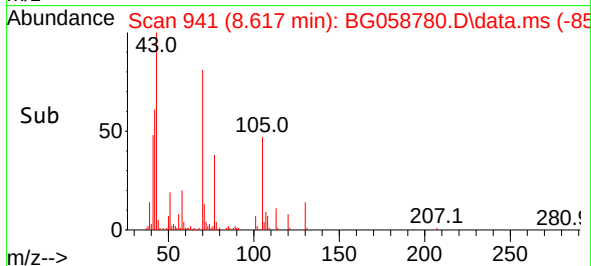


Tgt Ion: 70 Resp: 62633
Ion Ratio Lower Upper
70 100
42 75.5 59.2 88.8
101 8.4 8.2 12.2
130 17.8 15.3 22.9

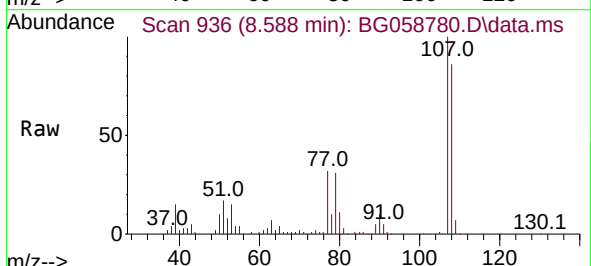
Manual Integrations

APPROVED

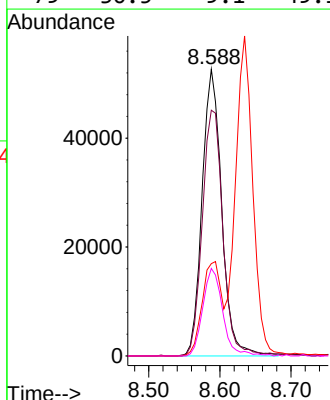
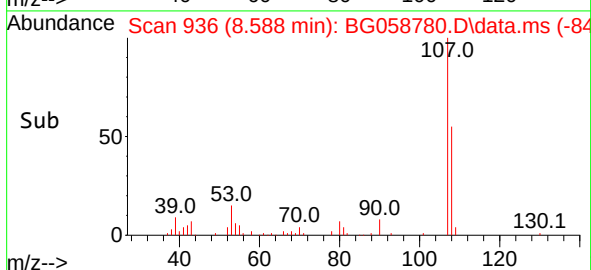
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

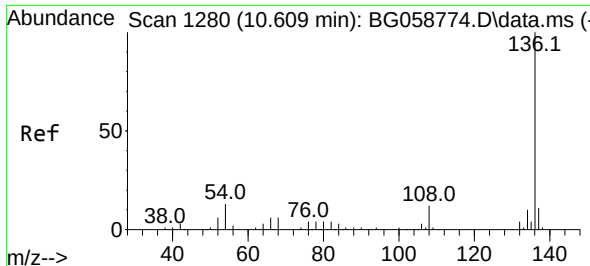


#20
3+4-Methylphenols
Concen: 55.025 ng
RT: 8.588 min Scan# 936
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:107 Resp: 100640
Ion Ratio Lower Upper
107 100
108 85.8 70.6 110.6
77 32.2 14.8 54.8
79 30.5 9.1 49.1





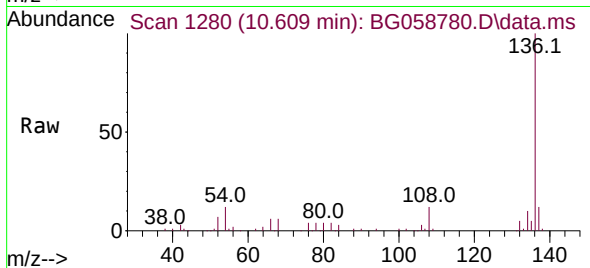
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

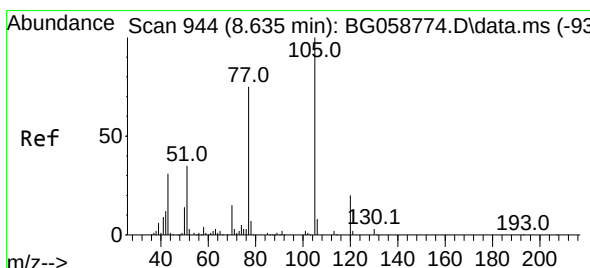
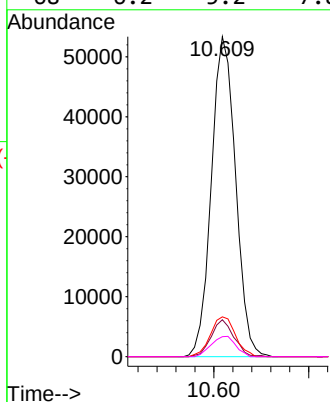
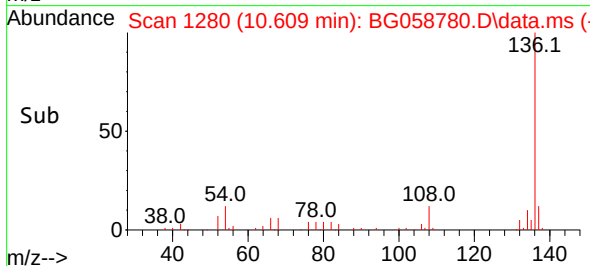


Tgt Ion:136 Resp: 94652
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 12.4 10.1 15.1
68 6.2 5.2 7.8

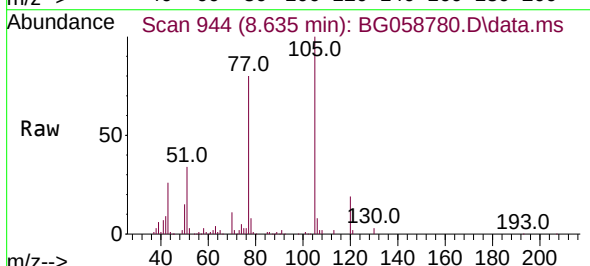
Manual Integrations

APPROVED

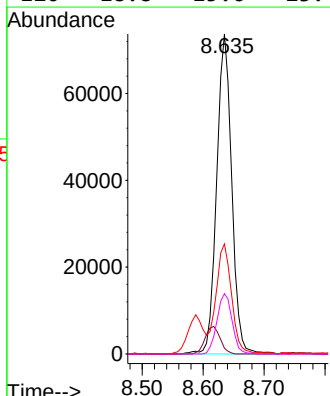
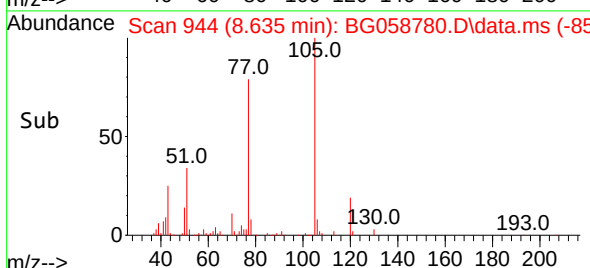
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

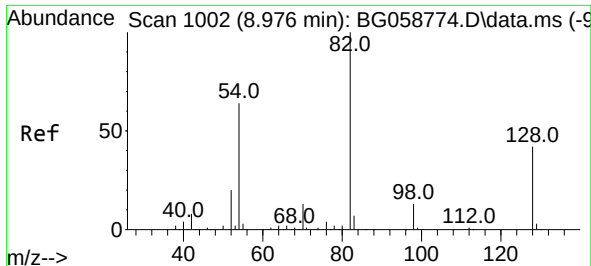


#22
Acetophenone
Concen: 49.363 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:105 Resp: 126478
Ion Ratio Lower Upper
105 100
71 1.8 2.2 3.2#
51 34.4 28.5 42.7
120 18.8 15.6 23.4





#23
Nitrobenzene-d5
Concen: 92.421 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

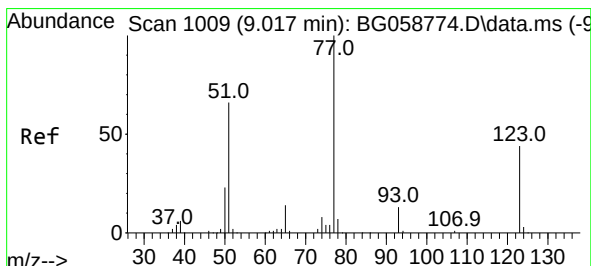
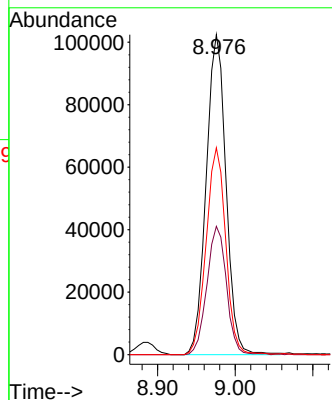
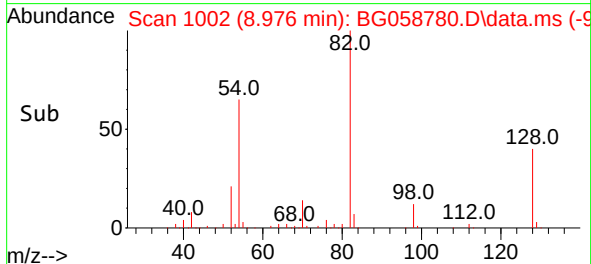
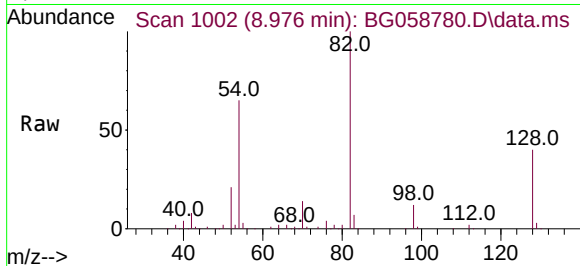
ClientSampleId :

PB154909BS

Tgt Ion: 82 Resp: 181953
Ion Ratio Lower Upper
82 100
128 40.1 33.2 49.8
54 64.6 51.2 76.8

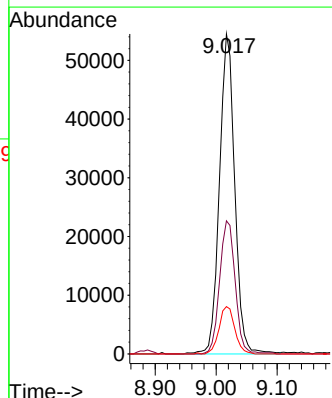
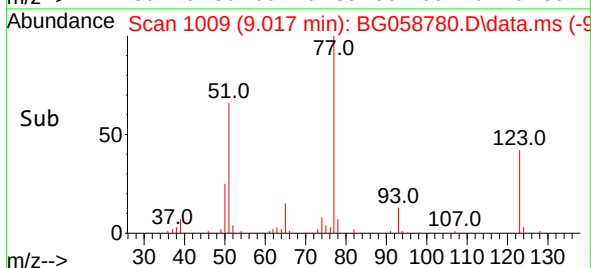
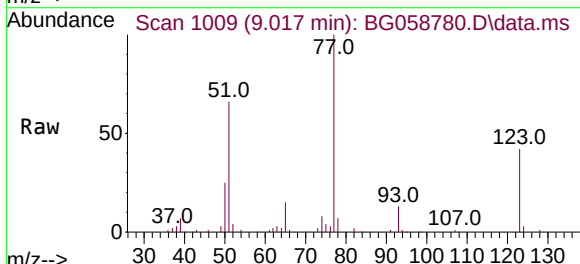
Manual Integrations
APPROVED

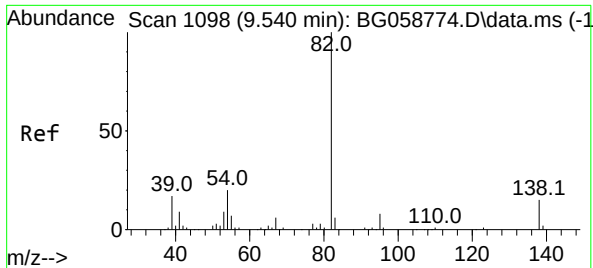
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#24
Nitrobenzene
Concen: 48.571 ng
RT: 9.017 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion: 77 Resp: 95106
Ion Ratio Lower Upper
77 100
123 41.6 34.9 52.3
65 14.8 10.9 16.3





#25
Isophorone
Concen: 47.751 ng
RT: 9.534 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

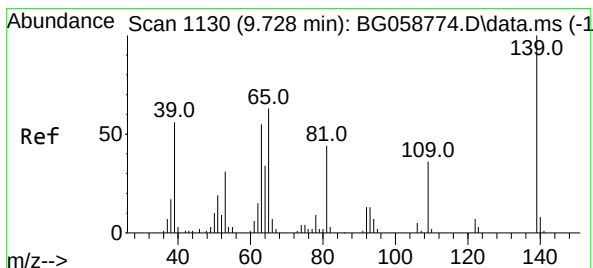
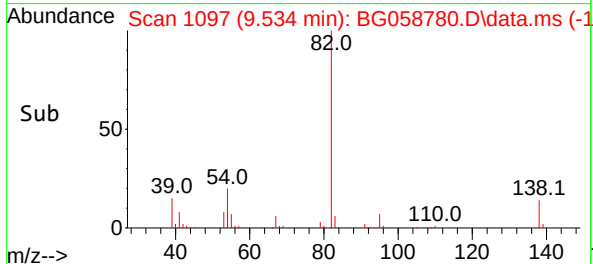
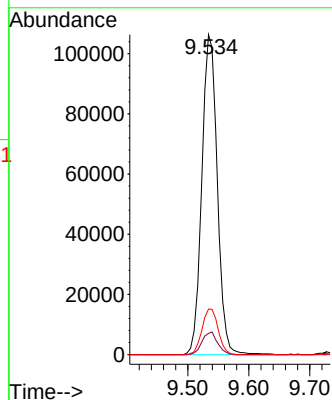
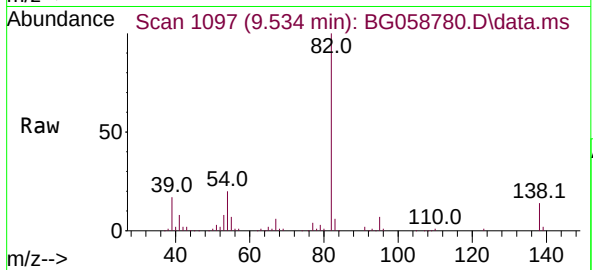
PB154909BS

Tgt Ion: 82 Resp: 186952
Ion Ratio Lower Upper
82 100
95 6.6 6.1 9.1
138 14.2 12.2 18.4

Manual Integrations

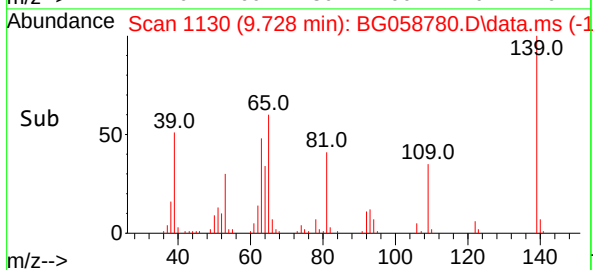
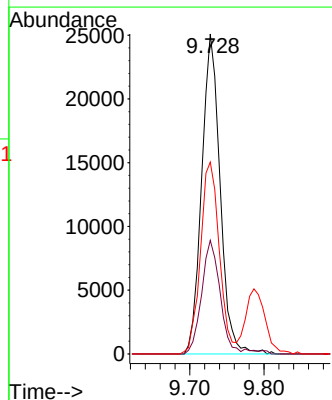
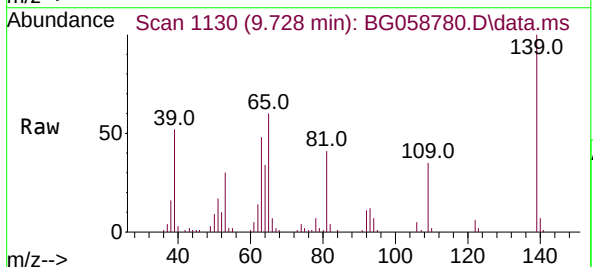
APPROVED

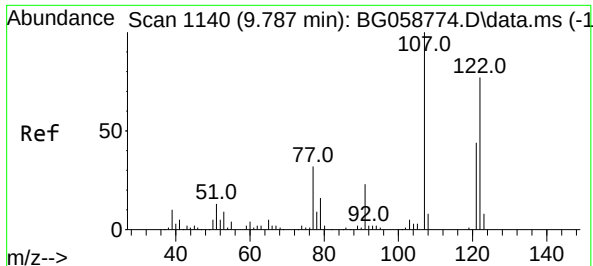
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#26
2-Nitrophenol
Concen: 52.768 ng
RT: 9.728 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:139 Resp: 43213
Ion Ratio Lower Upper
139 100
109 35.5 28.7 43.1
65 59.9 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 52.729 ng
RT: 9.792 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

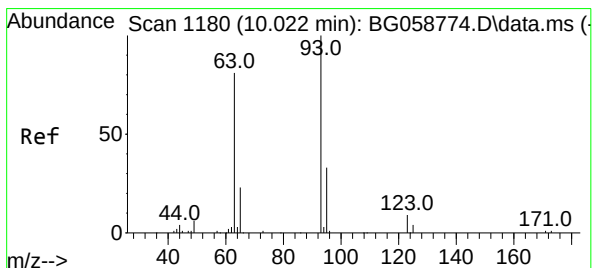
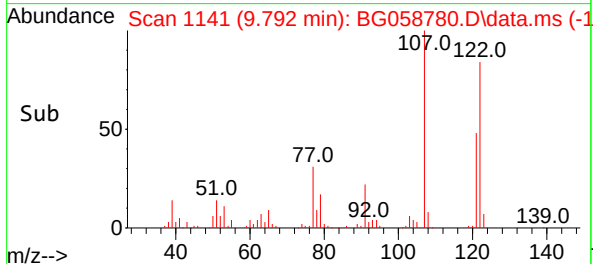
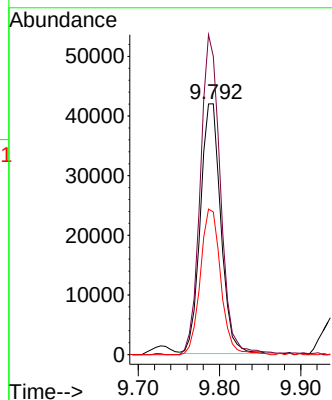
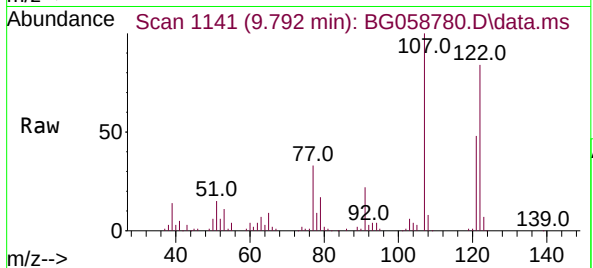
PB154909BS

Tgt Ion:122 Resp: 73183
Ion Ratio Lower Upper
122 100
107 118.9 102.6 154.0
121 56.9 45.0 67.4

Manual Integrations

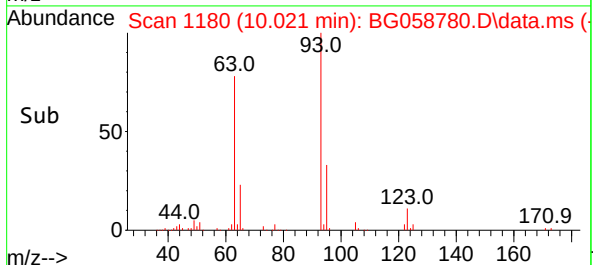
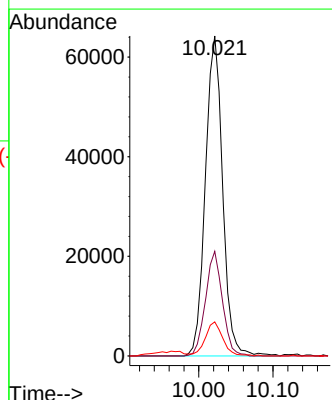
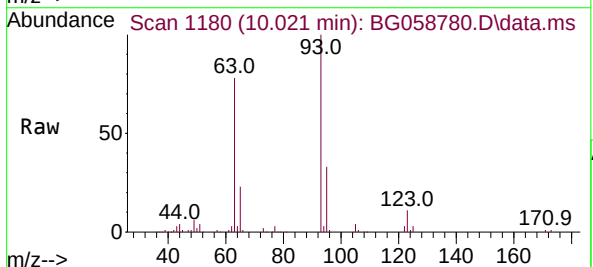
APPROVED

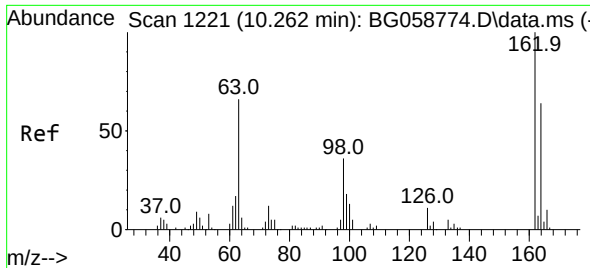
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 50.092 ng
RT: 10.021 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion: 93 Resp: 103882
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 10.6 8.1 12.1





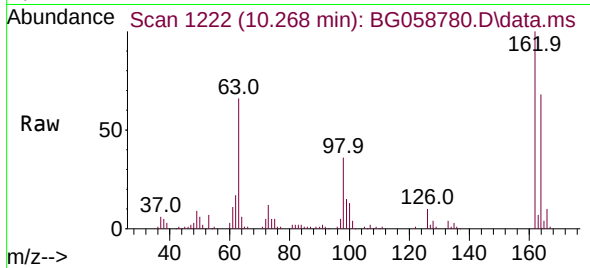
#29
2,4-Dichlorophenol
Concen: 56.047 ng
RT: 10.268 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

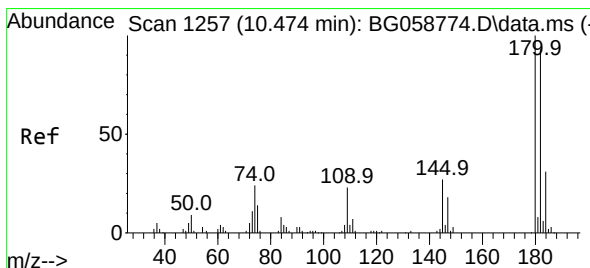
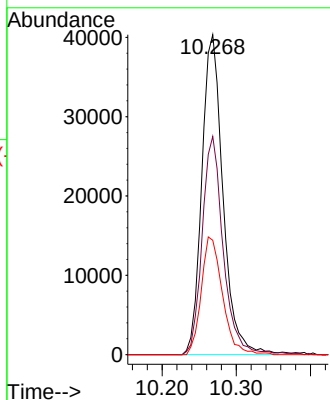
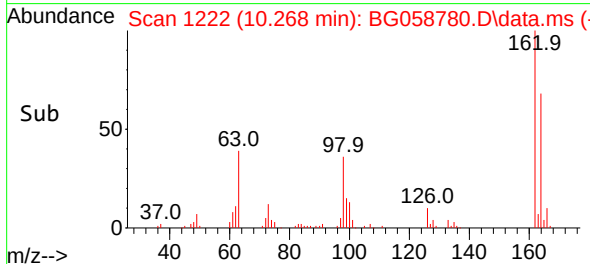


Tgt Ion:162 Resp: 79933
Ion Ratio Lower Upper
162 100
164 68.2 44.4 84.4
98 35.7 16.1 56.1

Manual Integrations

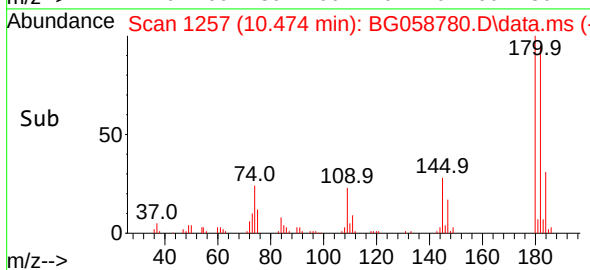
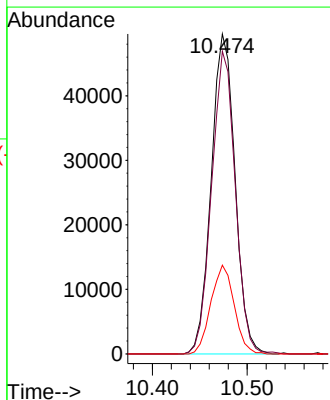
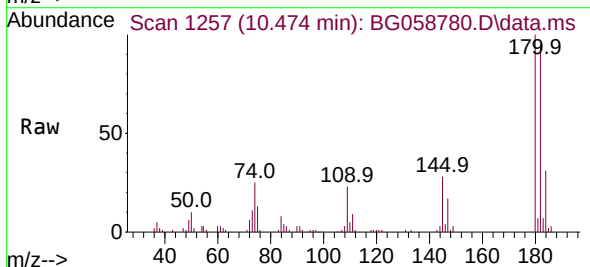
APPROVED

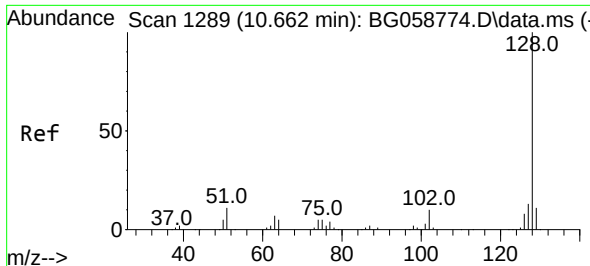
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#30
1,2,4-Trichlorobenzene
Concen: 50.123 ng
RT: 10.474 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

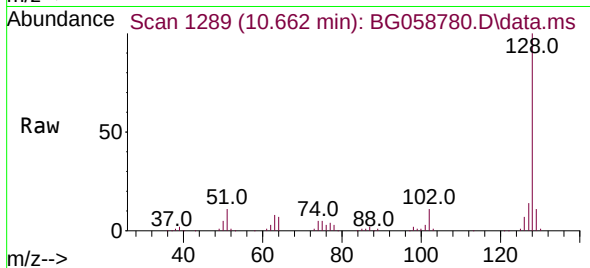
Tgt Ion:180 Resp: 86323
Ion Ratio Lower Upper
180 100
182 94.6 74.6 112.0
145 27.7 21.4 32.0





#31
Naphthalene
Concen: 48.626 ng
RT: 10.662 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

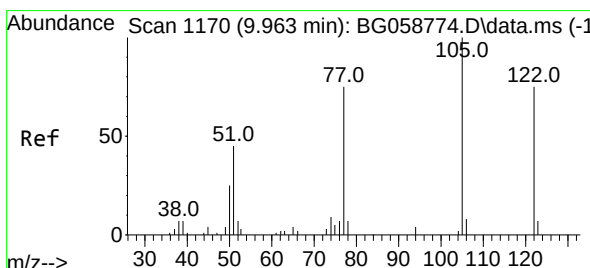
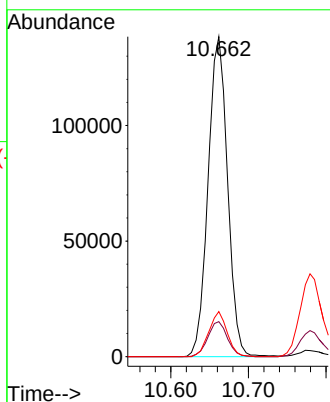
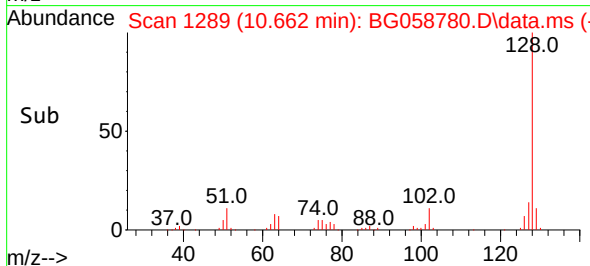
Instrument :
BNA_G
ClientSampleId :
PB154909BS



Tgt Ion:128 Resp: 241663
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 14.1 10.6 15.8

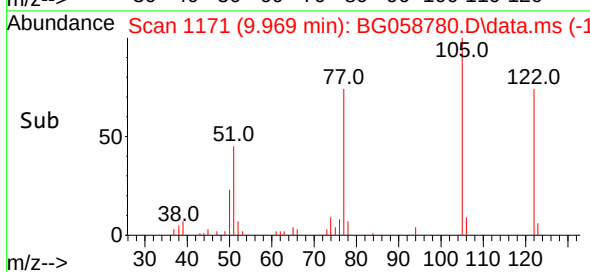
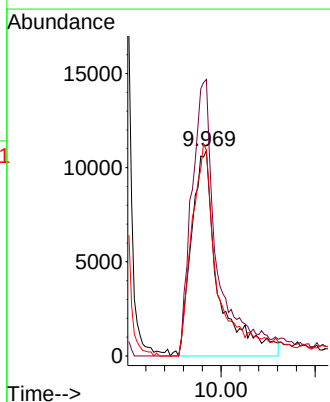
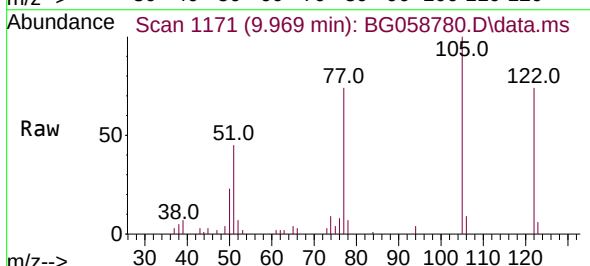
Manual Integrations
APPROVED

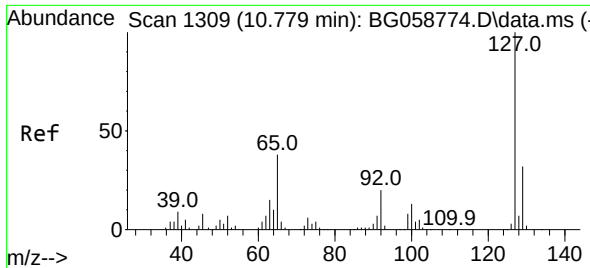
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#32
Benzoic acid
Concen: 50.164 ng m
RT: 9.969 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:122 Resp: 42918
Ion Ratio Lower Upper
122 100
105 134.7 113.6 153.6
77 100.3 79.7 119.7





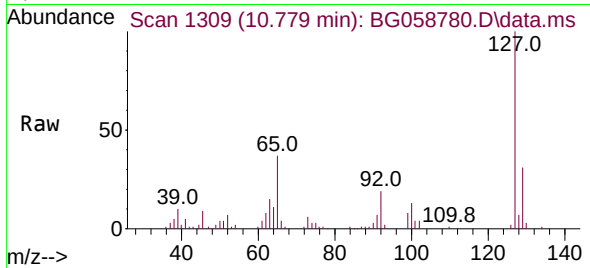
#33
4-Chloroaniline
Concen: 35.178 ng
RT: 10.779 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

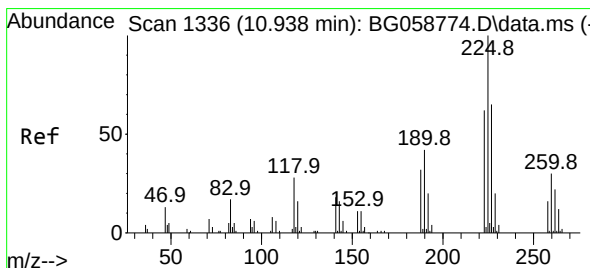
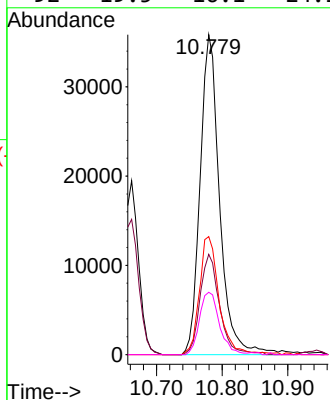
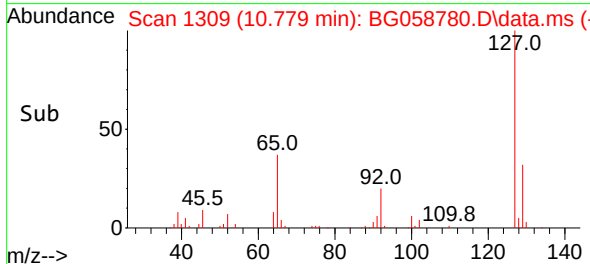


Tgt Ion:127 Resp: 73732
Ion Ratio Lower Upper
127 100
129 31.3 25.2 37.8
65 36.9 30.5 45.7
92 19.5 16.1 24.1

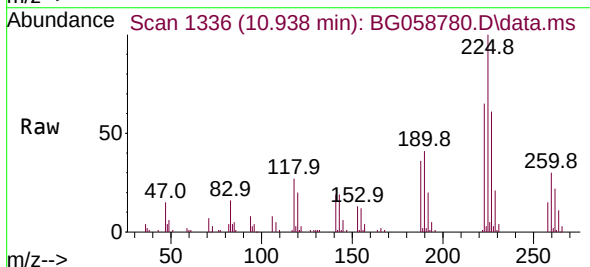
Manual Integrations

APPROVED

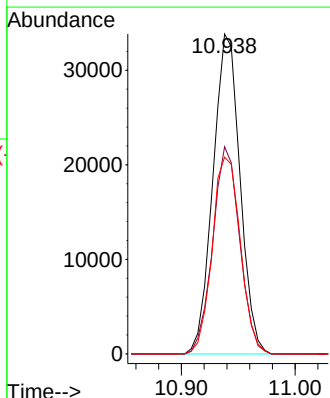
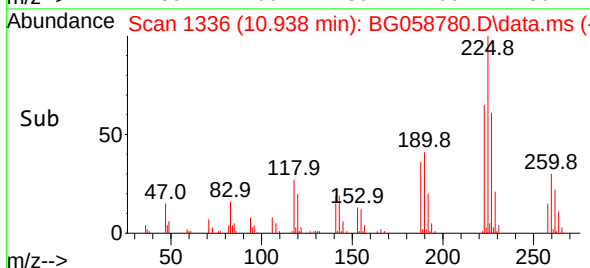
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

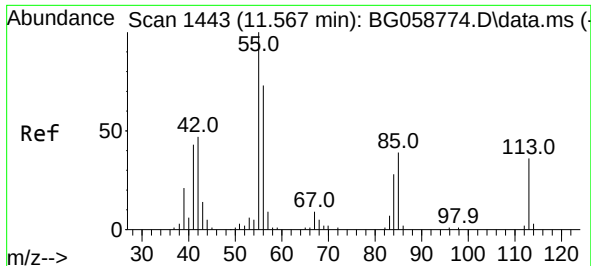


#34
Hexachlorobutadiene
Concen: 48.133 ng
RT: 10.938 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:225 Resp: 55947
Ion Ratio Lower Upper
225 100
223 64.7 49.9 74.9
227 61.5 51.6 77.4





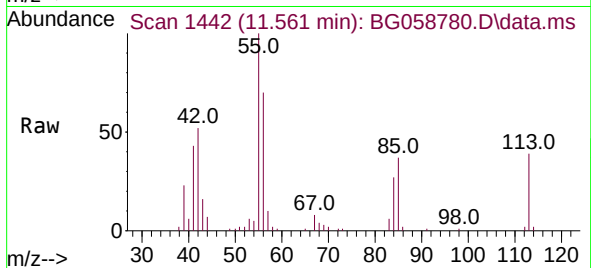
#35
 Caprolactam
 Concen: 57.280 ng m
 RT: 11.561 min Scan# 1443
 Delta R.T. -0.006 min
 Lab File: BG058780.D
 Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

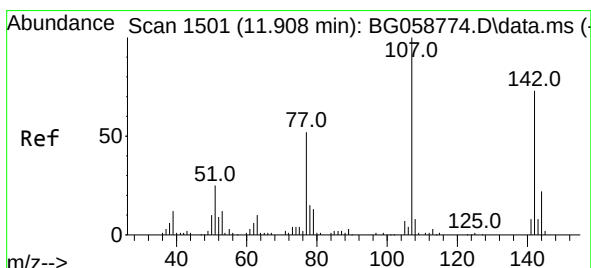
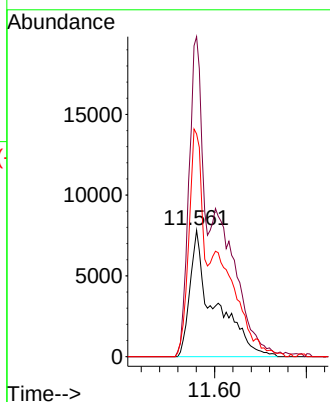
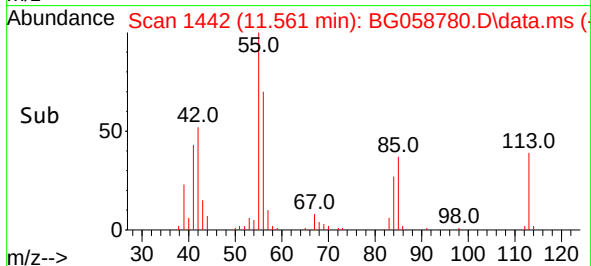


Tgt Ion:113 Resp: 29273
 Ion Ratio Lower Upper
 113 100
 55 253.2 256.3 296.3
 56 176.1 180.4 220.4

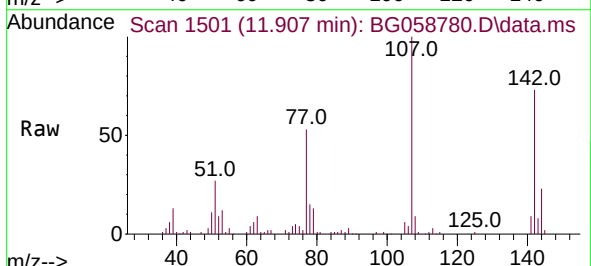
Manual Integrations

APPROVED

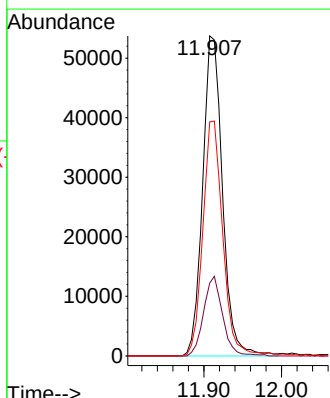
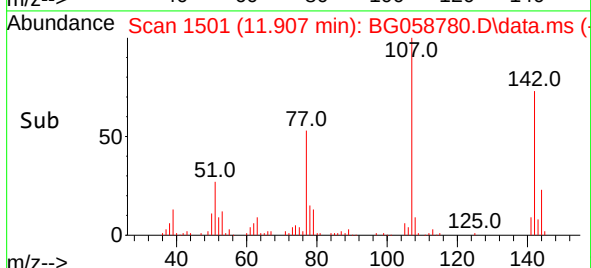
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

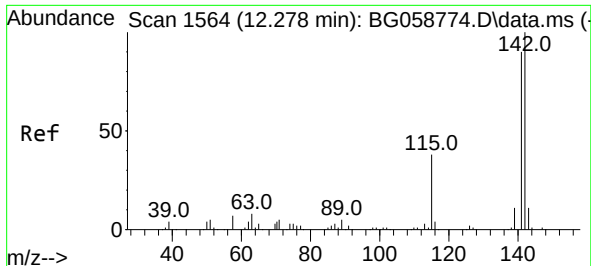


#36
 4-Chloro-3-methylphenol
 Concen: 53.833 ng
 RT: 11.907 min Scan# 1501
 Delta R.T. -0.000 min
 Lab File: BG058780.D
 Acq: 18 Aug 2023 17:30



Tgt Ion:107 Resp: 95478
 Ion Ratio Lower Upper
 107 100
 144 22.7 17.9 26.9
 142 73.1 58.5 87.7





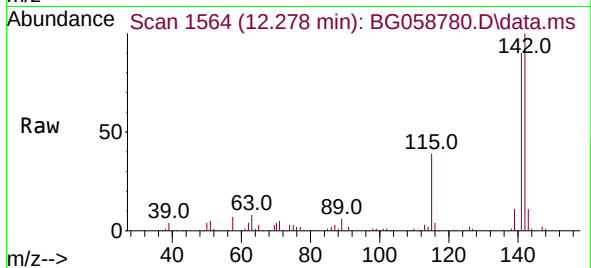
#37
2-Methylnaphthalene
Concen: 47.337 ng
RT: 12.278 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS



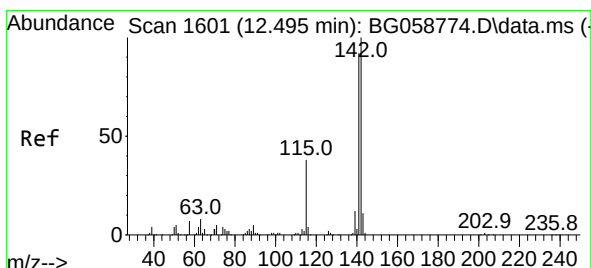
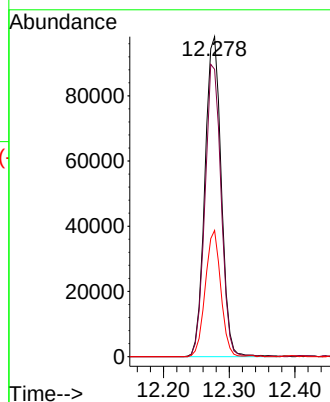
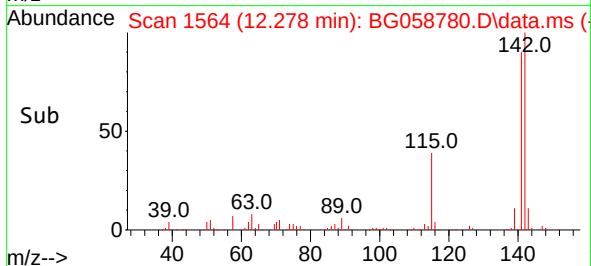
Tgt Ion:142 Resp: 16896
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8
115 39.4 30.6 45.8

Manual Integrations

APPROVED

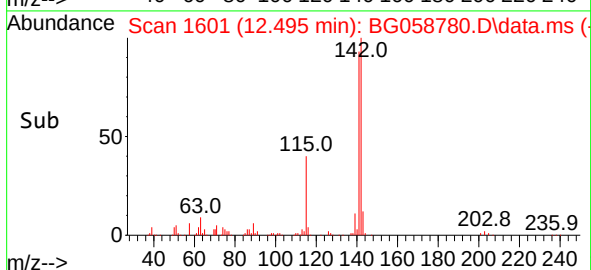
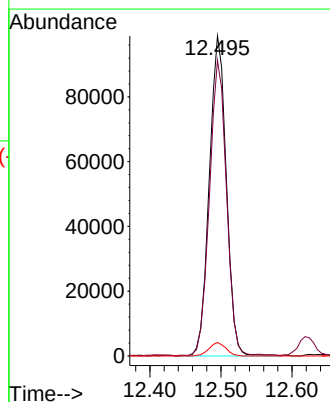
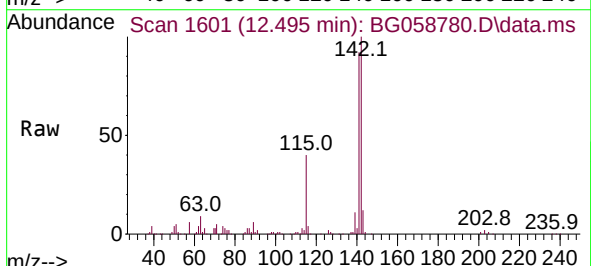
Reviewed By :Yogesh Patel 08/22/2023

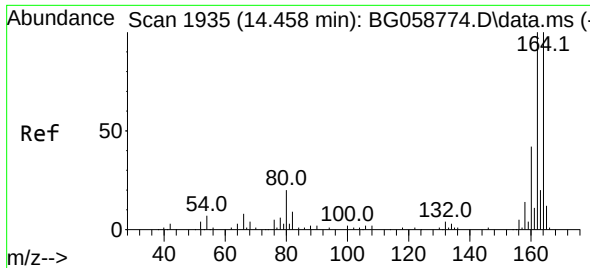
Supervised By :mohammad ahmed 08/22/2023



#38
1-Methylnaphthalene
Concen: 48.363 ng
RT: 12.495 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

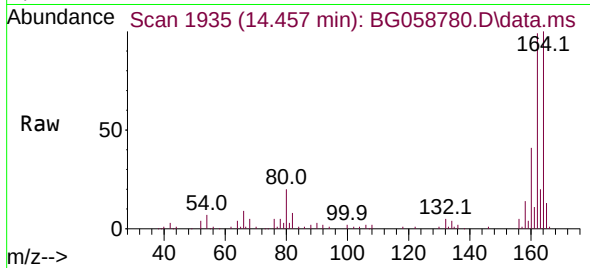
Tgt Ion:142 Resp: 163868
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9
116 4.2 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

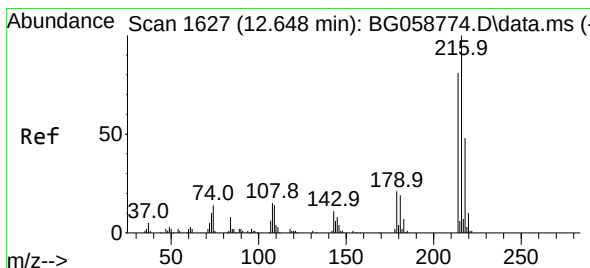
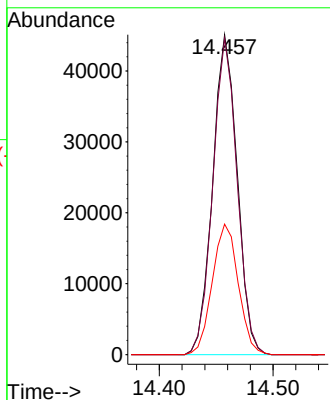
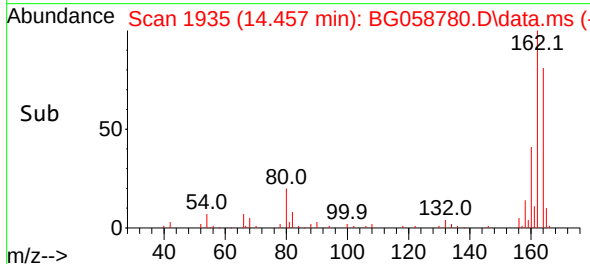
Instrument :
BNA_G
ClientSampleId :
PB154909BS



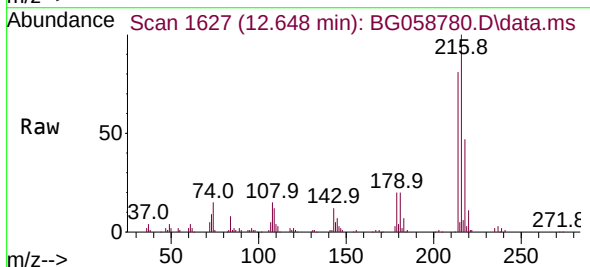
Tgt Ion:164 Resp: 67558
Ion Ratio Lower Upper
164 100
162 98.9 79.6 119.4
160 40.8 34.0 51.0

Manual Integrations
APPROVED

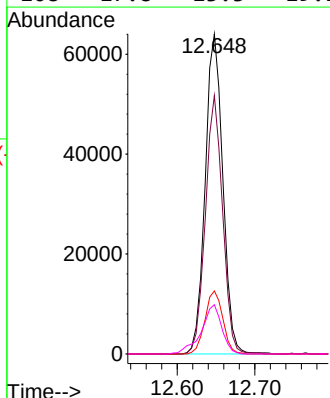
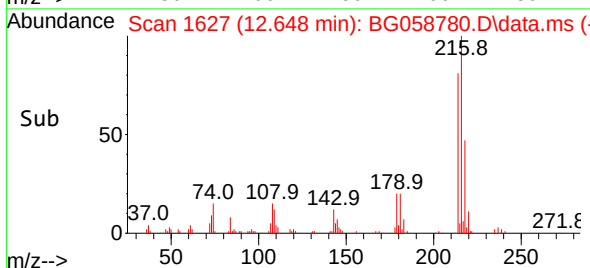
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

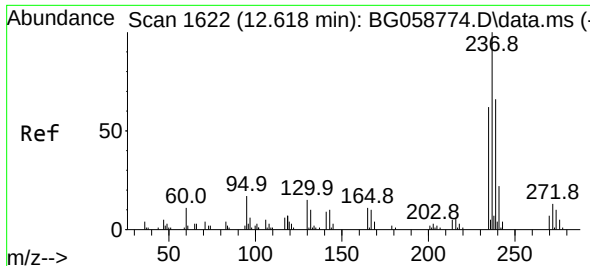


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.585 ng
RT: 12.648 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



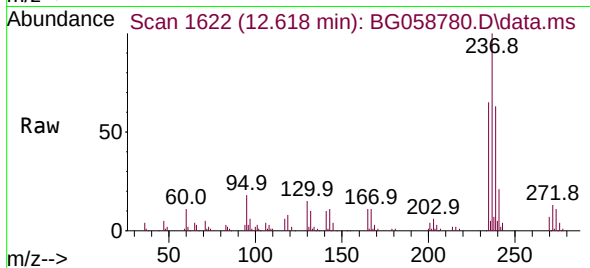
Tgt Ion:216 Resp: 101184
Ion Ratio Lower Upper
216 100
214 78.8 64.0 96.0
179 19.8 16.2 24.4
108 17.8 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 107.004 ng
RT: 12.618 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

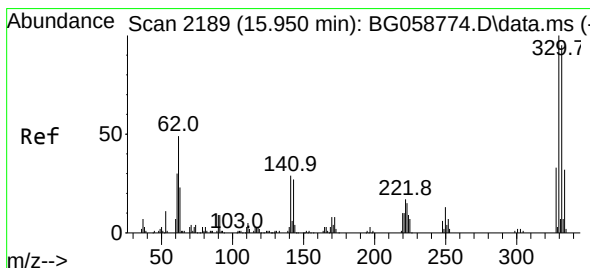
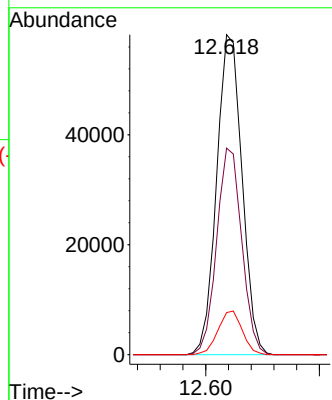
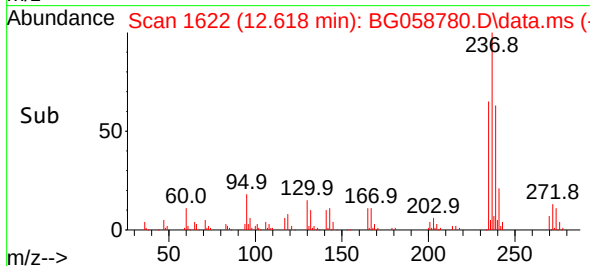
Instrument :
BNA_G
ClientSampleId :
PB154909BS



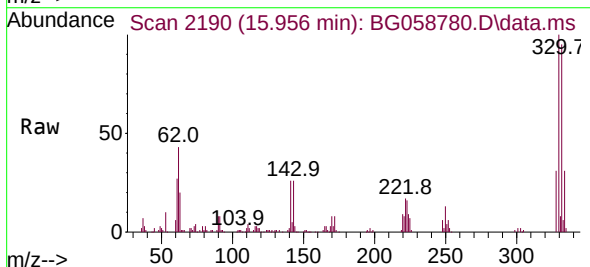
Tgt Ion:237 Resp: 90402
Ion Ratio Lower Upper
237 100
235 64.5 41.5 81.5
272 13.1 0.0 32.5

Manual Integrations
APPROVED

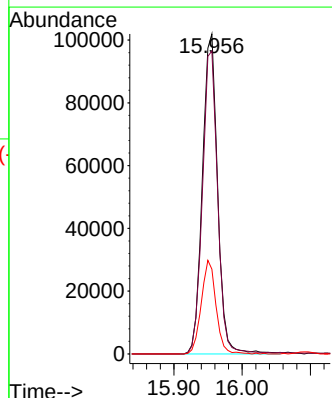
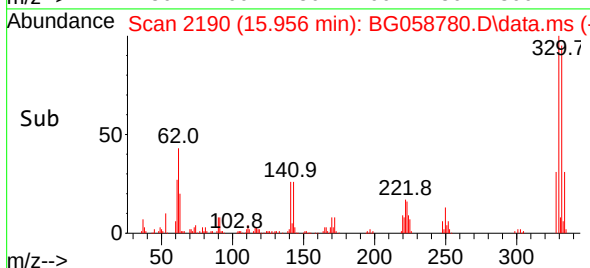
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

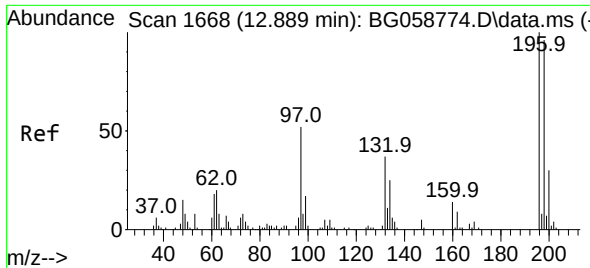


#42
2,4,6-Tribromophenol
Concen: 149.302 ng
RT: 15.956 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:330 Resp: 158148
Ion Ratio Lower Upper
330 100
332 95.0 78.5 117.7
141 28.3 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 53.773 ng
RT: 12.895 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

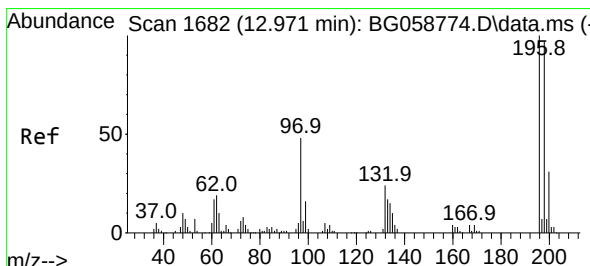
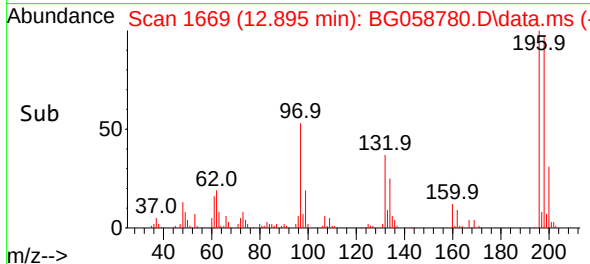
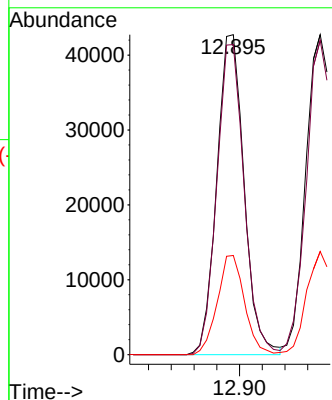
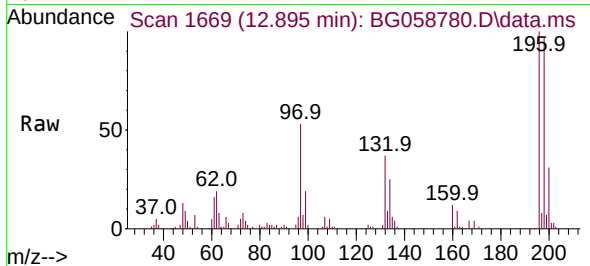
PB154909BS

Tgt Ion:196 Resp: 71259
Ion Ratio Lower Upper
196 100
198 96.9 77.0 115.4
200 31.0 23.8 35.6

Manual Integrations

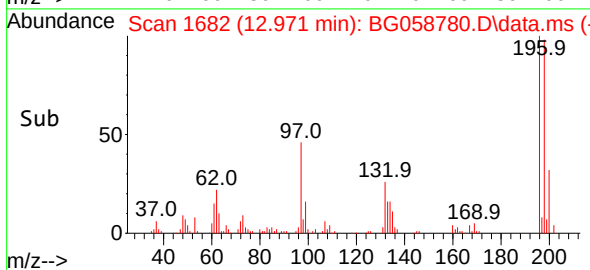
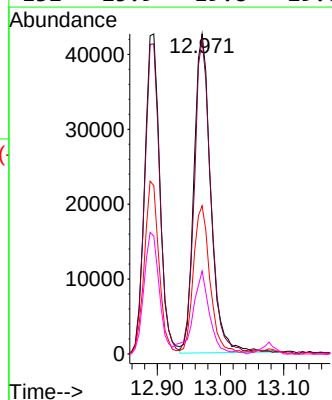
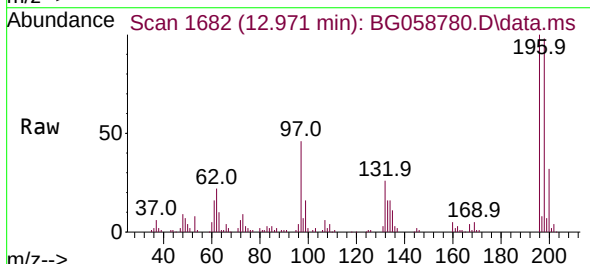
APPROVED

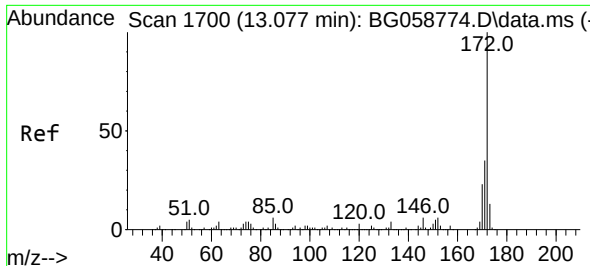
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#44
2,4,5-Trichlorophenol
Concen: 49.476 ng
RT: 12.971 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:196 Resp: 78513
Ion Ratio Lower Upper
196 100
198 98.3 78.0 117.0
97 46.3 38.7 58.1
132 25.9 19.8 29.6





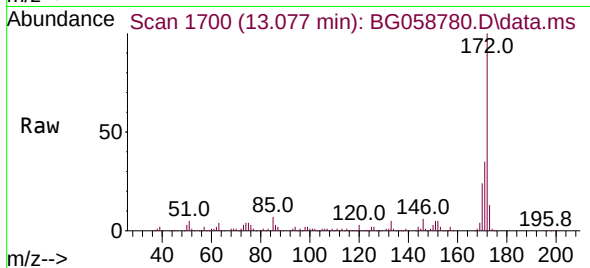
#45
2-Fluorobiphenyl
Concen: 90.406 ng
RT: 13.077 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

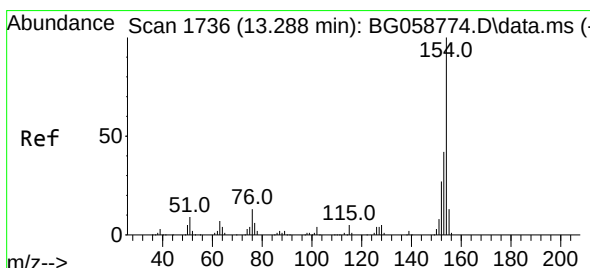
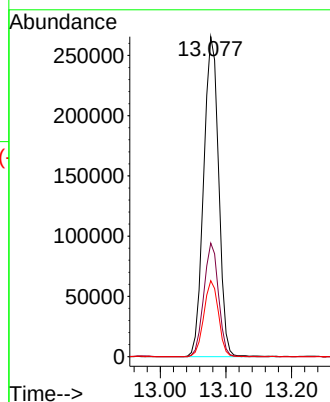
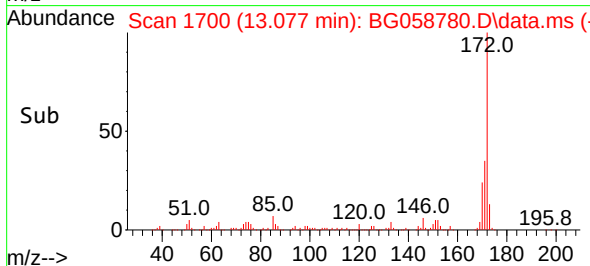


Tgt Ion:172 Resp: 419908
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.7 18.6 27.8

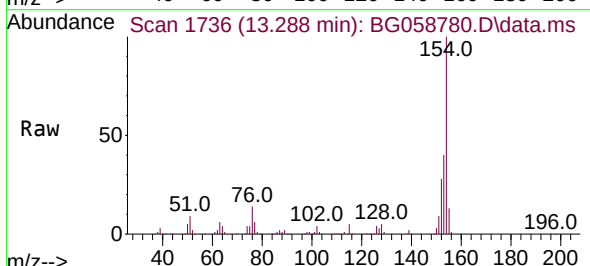
Manual Integrations

APPROVED

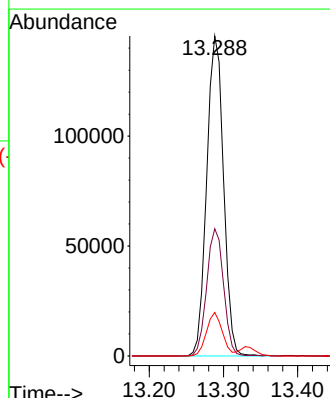
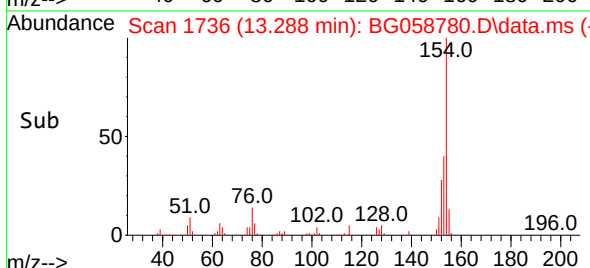
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

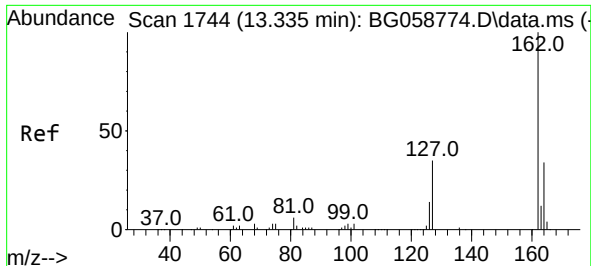


#46
1,1'-Biphenyl
Concen: 49.160 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



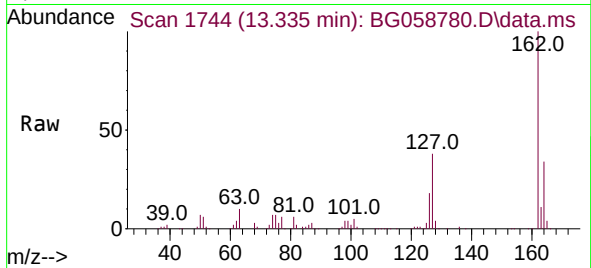
Tgt Ion:154 Resp: 228779
Ion Ratio Lower Upper
154 100
153 39.7 21.7 61.7
76 13.6 0.0 33.2





#47
2-Chloronaphthalene
Concen: 50.246 ng
RT: 13.335 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

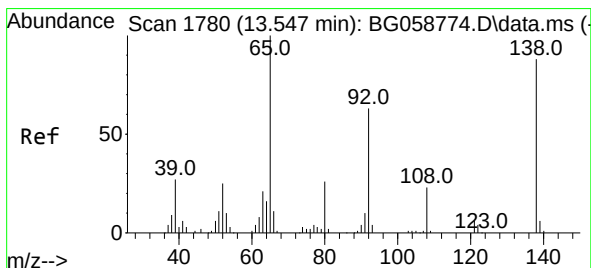
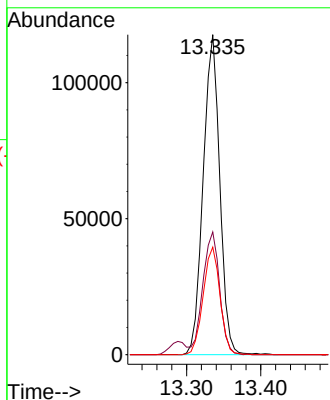
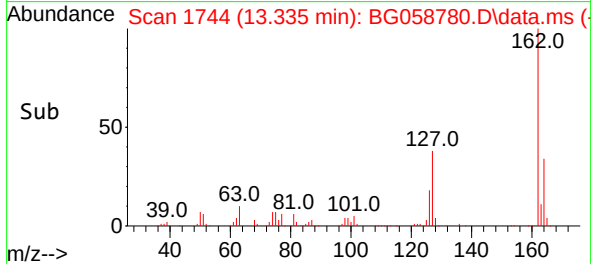
Instrument :
BNA_G
ClientSampleId :
PB154909BS



Tgt Ion:162 Resp: 182226
Ion Ratio Lower Upper
162 100
127 38.3 31.5 47.3
164 33.6 27.3 40.9

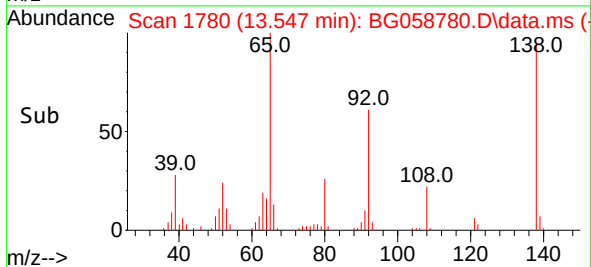
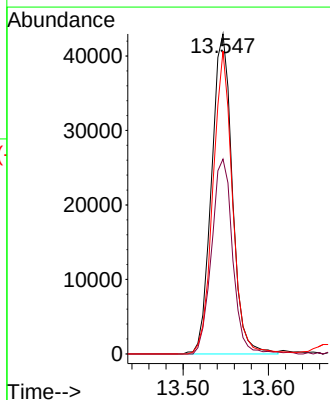
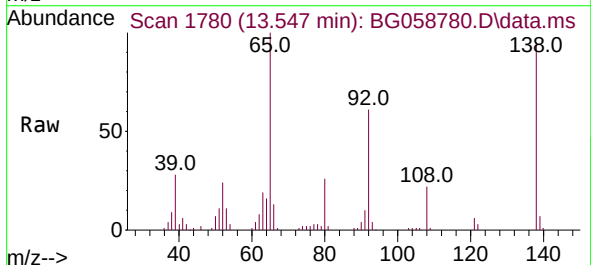
Manual Integrations
APPROVED

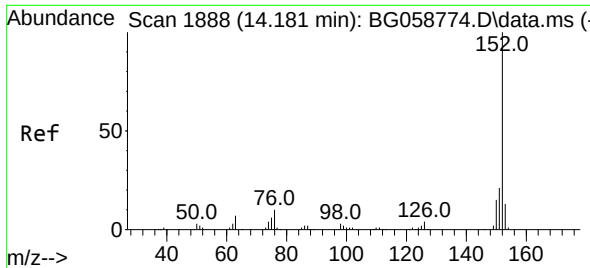
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#48
2-Nitroaniline
Concen: 52.624 ng
RT: 13.547 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion: 65 Resp: 72483
Ion Ratio Lower Upper
65 100
92 60.9 50.7 76.1
138 94.6 70.7 106.1





#49
Acenaphthylene
Concen: 50.801 ng
RT: 14.181 min Scan# 1888
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

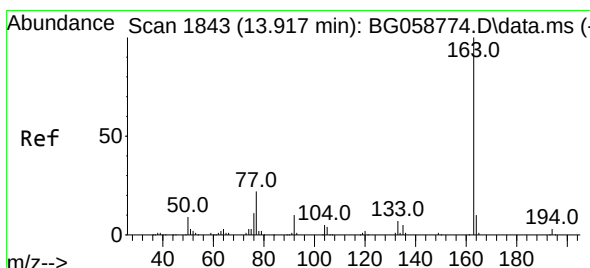
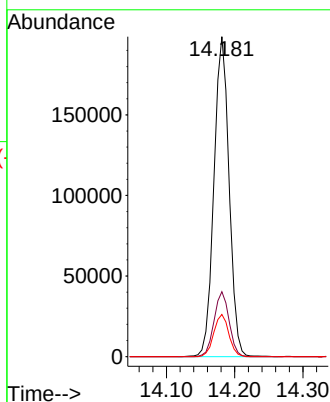
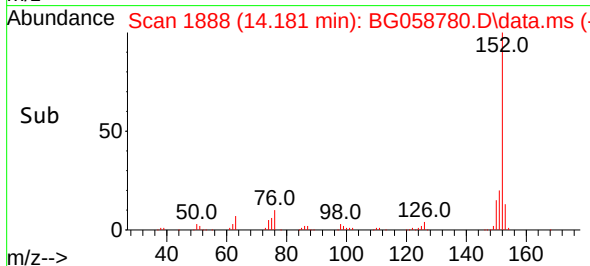
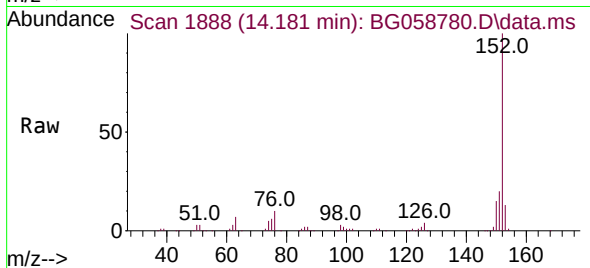
ClientSampleId :

PB154909BS

Tgt Ion:152 Resp: 305529
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.2 10.7 16.1

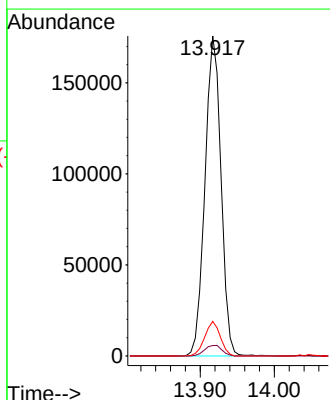
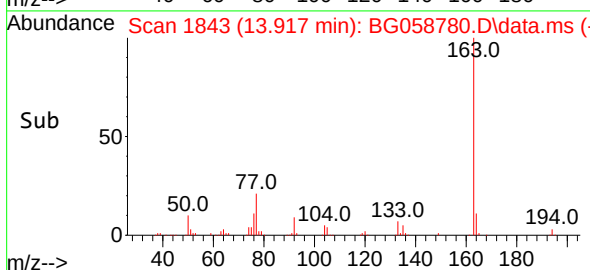
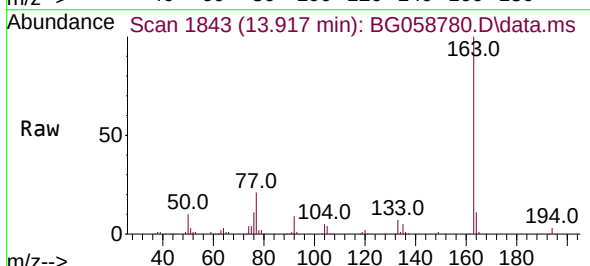
Manual Integrations
APPROVED

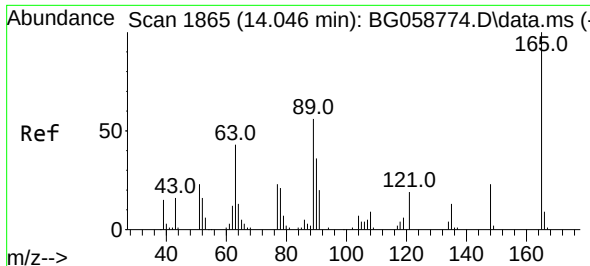
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#50
Dimethylphthalate
Concen: 50.382 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:163 Resp: 263531
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.8 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 51.964 ng
RT: 14.040 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

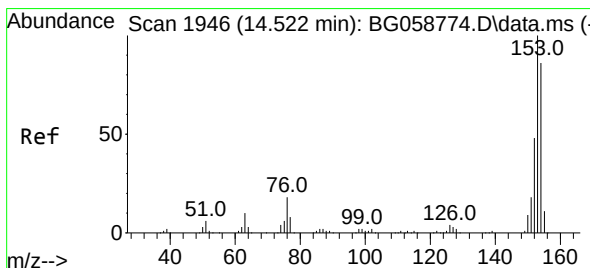
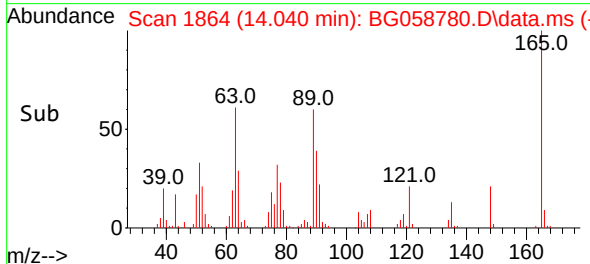
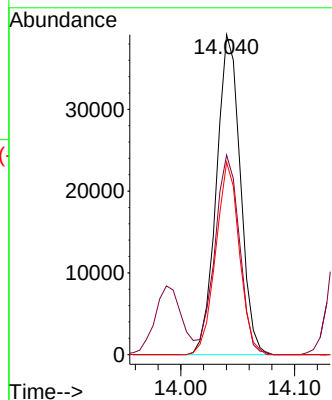
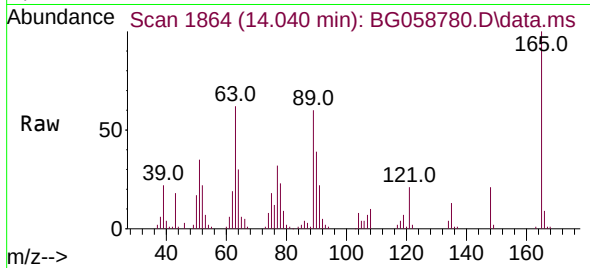
PB154909BS

Tgt Ion:165 Resp: 57103
Ion Ratio Lower Upper
165 100
63 62.4 47.2 70.8
89 60.1 45.0 67.4

Manual Integrations

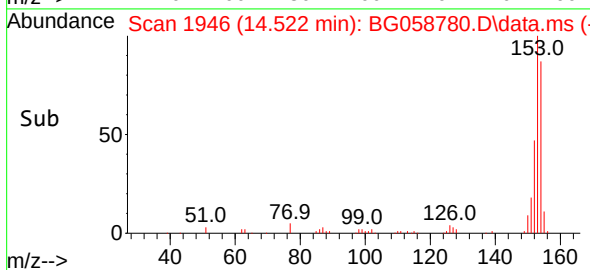
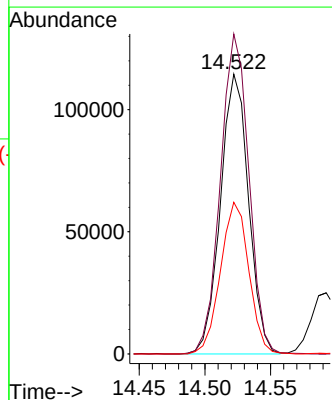
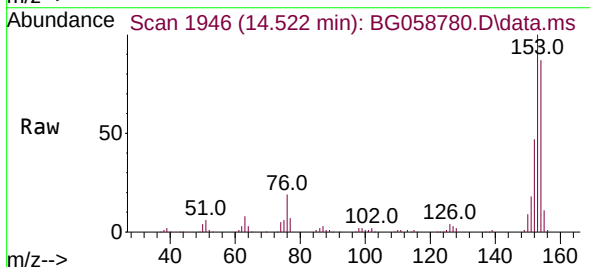
APPROVED

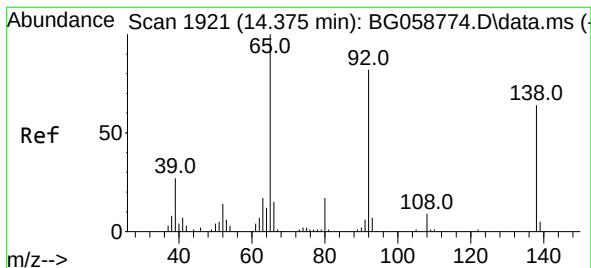
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#52
Acenaphthene
Concen: 48.609 ng
RT: 14.522 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

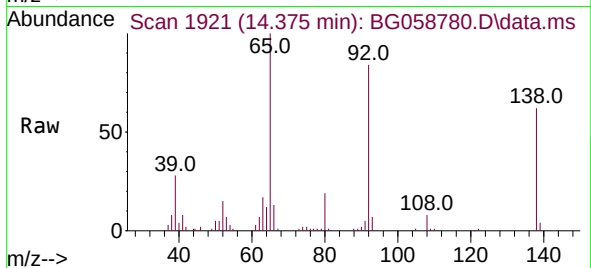
Tgt Ion:154 Resp: 170838
Ion Ratio Lower Upper
154 100
153 114.4 92.7 139.1
152 54.2 44.2 66.2





#53
3-Nitroaniline
Concen: 40.793 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

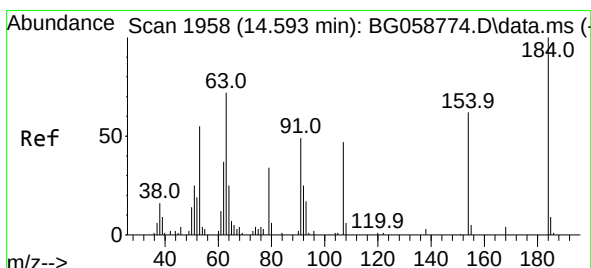
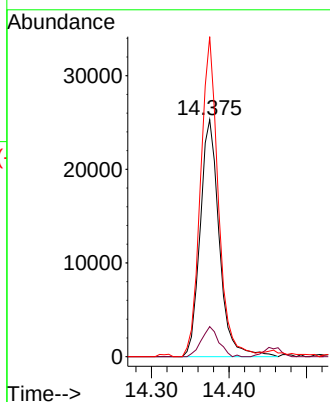
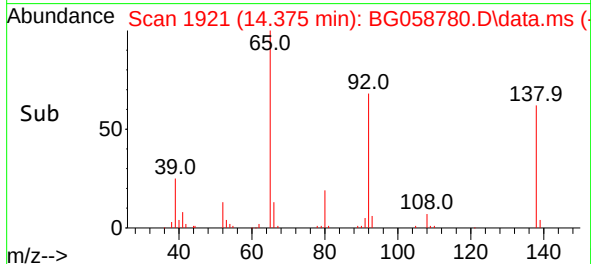
Instrument :
BNA_G
ClientSampleId :
PB154909BS



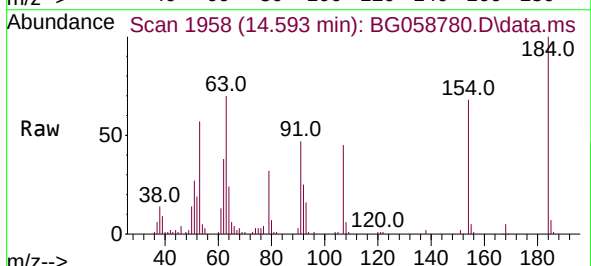
Tgt Ion:138 Resp: 43235
Ion Ratio Lower Upper
138 100
108 12.7 11.8 17.8
92 135.1 102.5 153.7

Manual Integrations
APPROVED

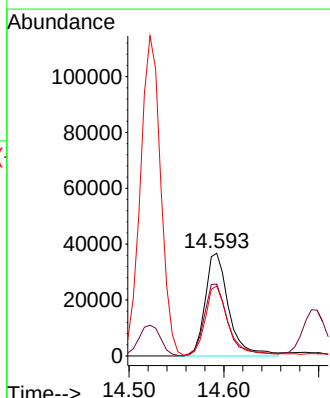
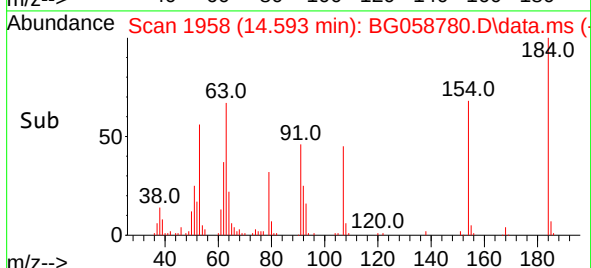
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

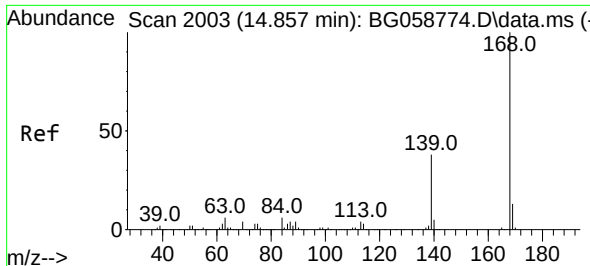


#54
2,4-Dinitrophenol
Concen: 101.467 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:184 Resp: 63560
Ion Ratio Lower Upper
184 100
63 69.9 57.7 86.5
154 68.1 51.8 77.6





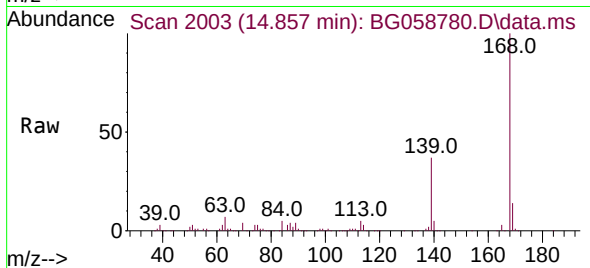
#55
Dibenzofuran
Concen: 49.536 ng
RT: 14.857 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

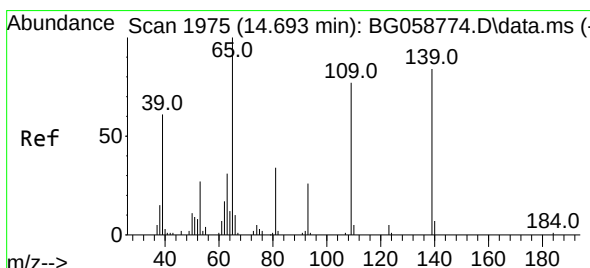
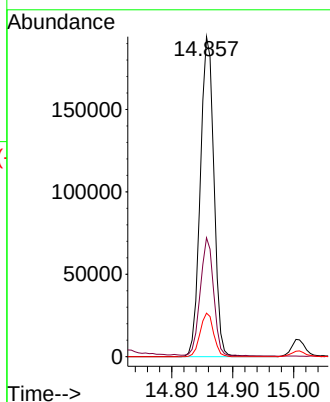
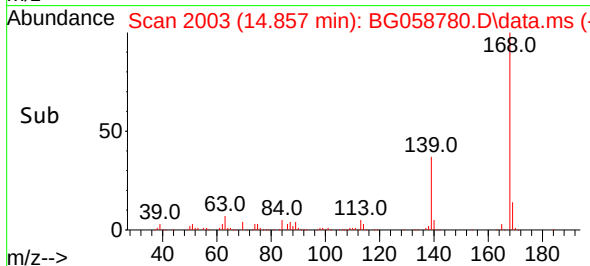


Tgt Ion:168 Resp: 300319
Ion Ratio Lower Upper
168 100
139 37.1 30.4 45.6
169 13.6 10.7 16.1

Manual Integrations

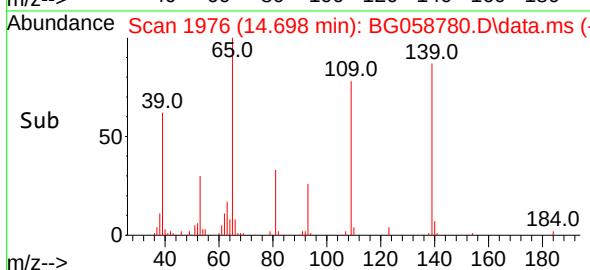
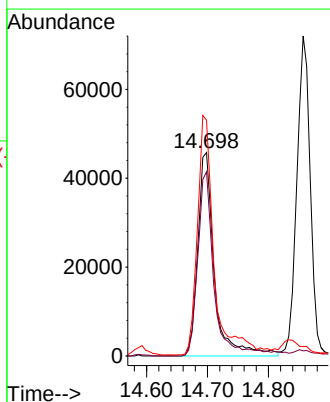
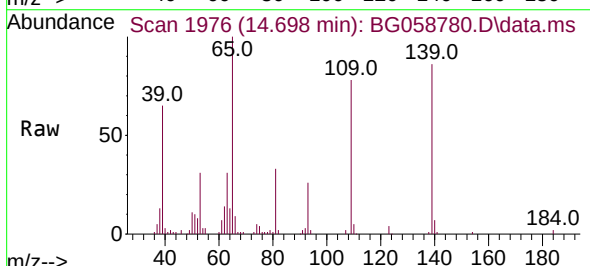
APPROVED

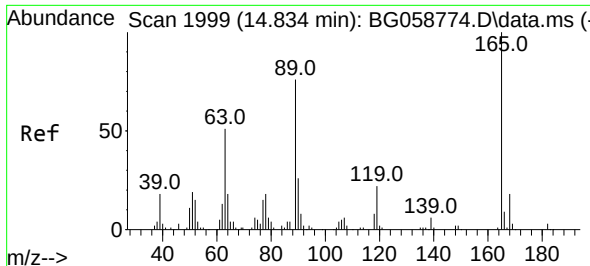
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#56
4-Nitrophenol
Concen: 111.174 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:139 Resp: 86652
Ion Ratio Lower Upper
139 100
109 90.6 71.9 111.9
65 116.0 100.7 140.7





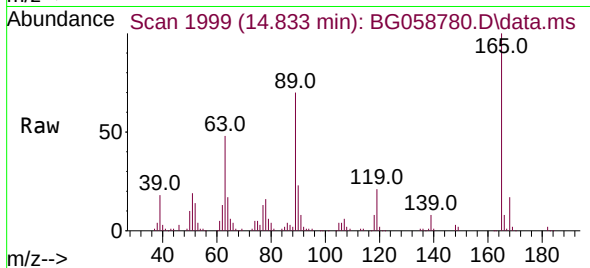
#57
2,4-Dinitrotoluene
Concen: 55.409 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

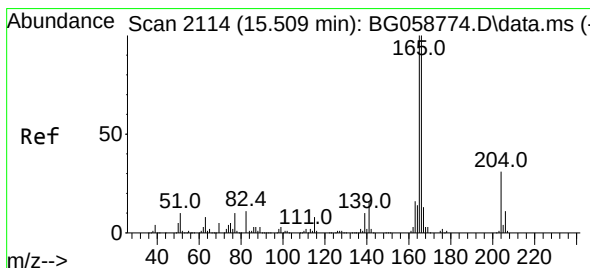
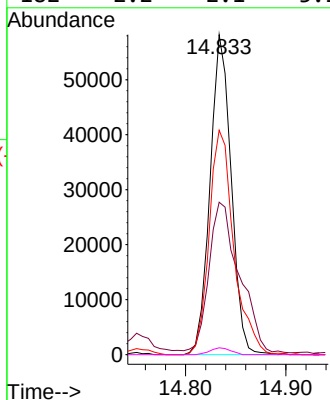
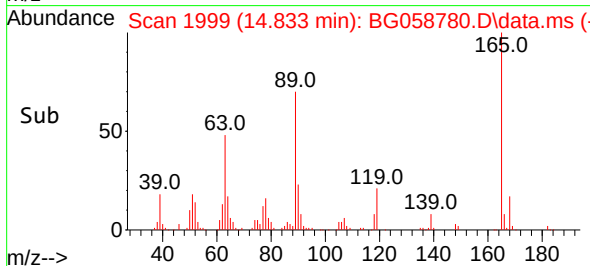


Tgt Ion:165 Resp: 84925
Ion Ratio Lower Upper
165 100
63 47.6 41.8 62.6
89 70.1 60.7 91.1
182 2.2 2.1 3.1

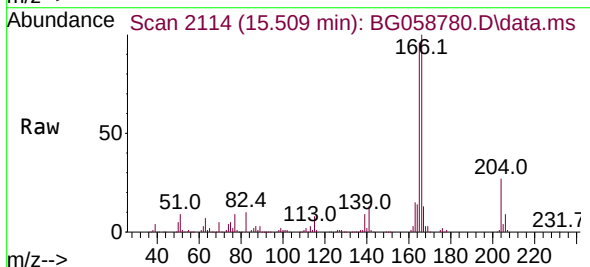
Manual Integrations

APPROVED

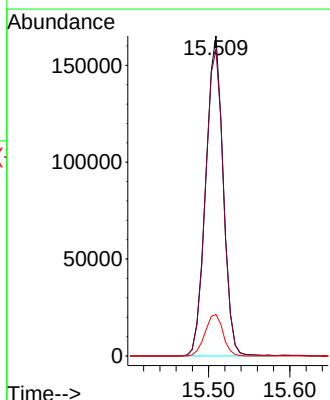
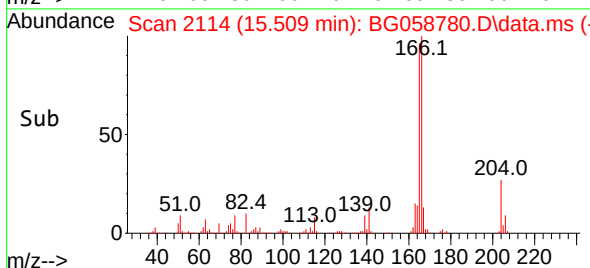
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

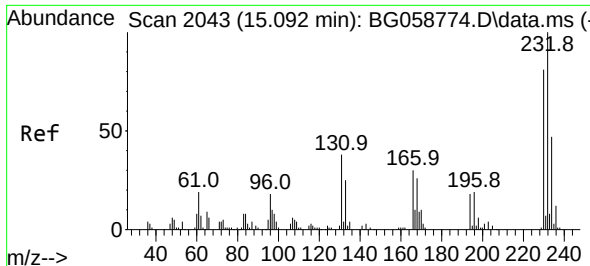


#58
Fluorene
Concen: 50.906 ng
RT: 15.509 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:166 Resp: 245612
Ion Ratio Lower Upper
166 100
165 95.7 79.9 119.9
167 12.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.577 ng
RT: 15.086 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

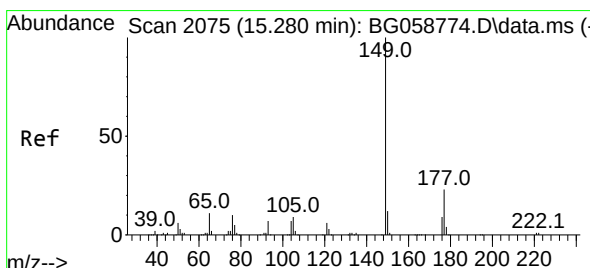
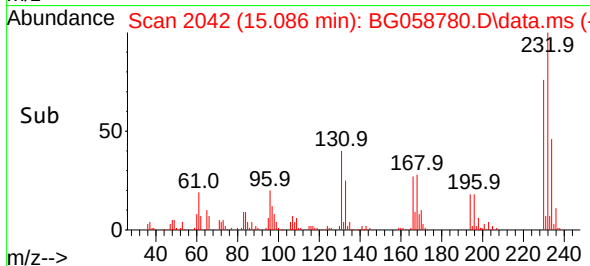
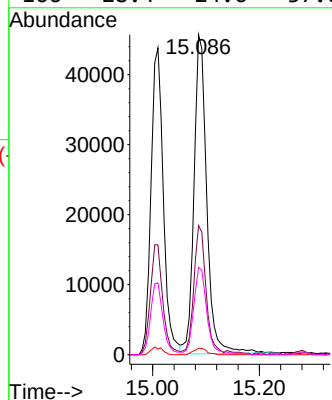
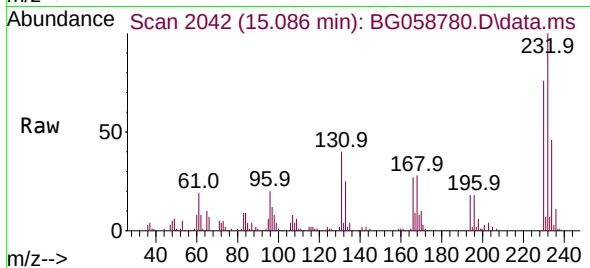
PB154909BS

Tgt Ion:232 Resp: 7585
Ion Ratio Lower Upper
232 100
131 37.5 33.9 50.9
130 2.0 1.8 2.6
166 28.4 24.6 37.0

Manual Integrations

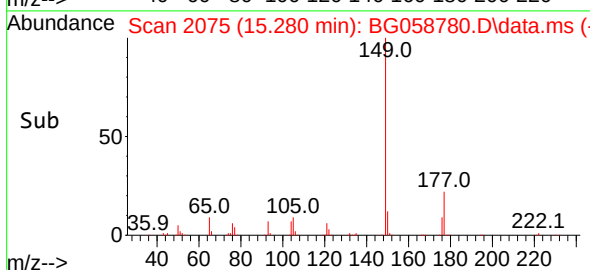
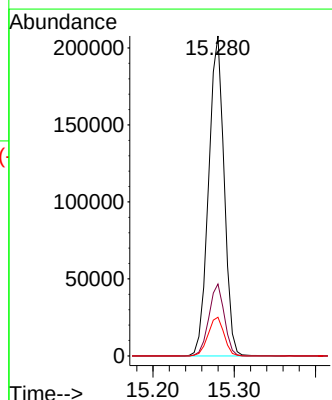
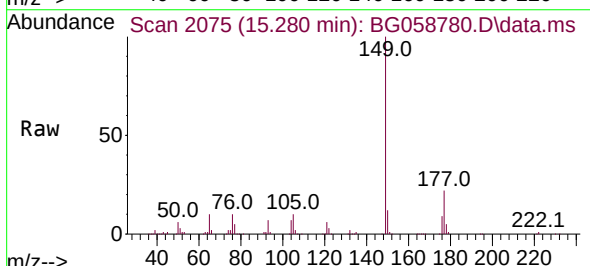
APPROVED

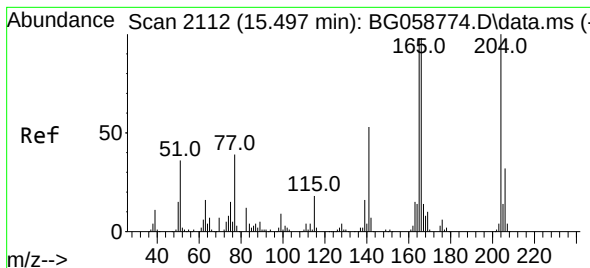
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#60
Diethylphthalate
Concen: 51.179 ng
RT: 15.280 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:149 Resp: 276007
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.2
150 12.1 10.0 15.0





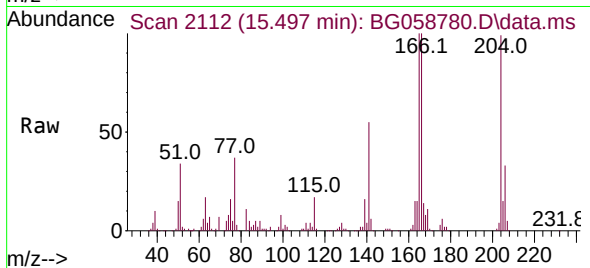
#61
4-Chlorophenyl-phenylether
Concen: 49.775 ng
RT: 15.497 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

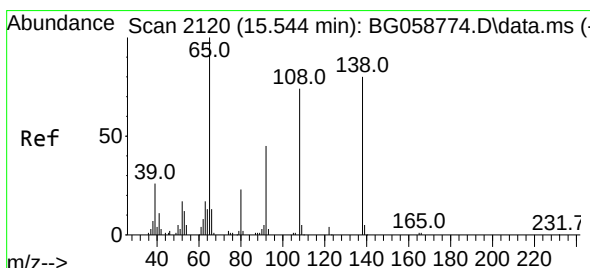
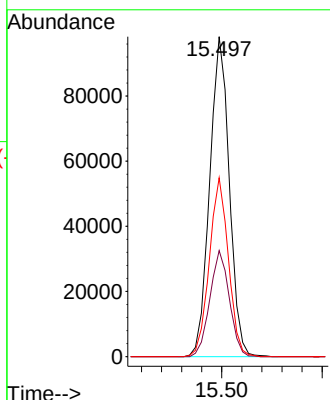
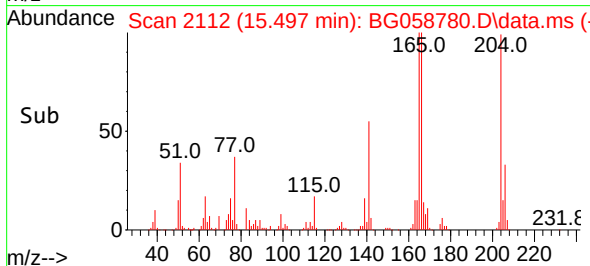


Tgt Ion:204 Resp: 133112
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 55.9 42.3 63.5

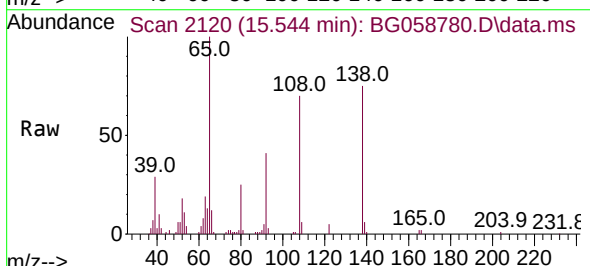
Manual Integrations

APPROVED

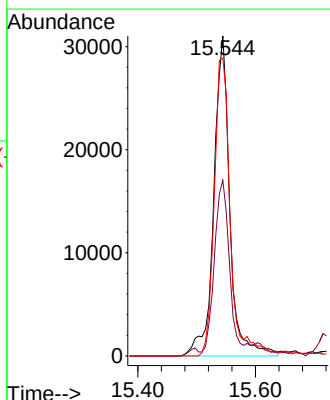
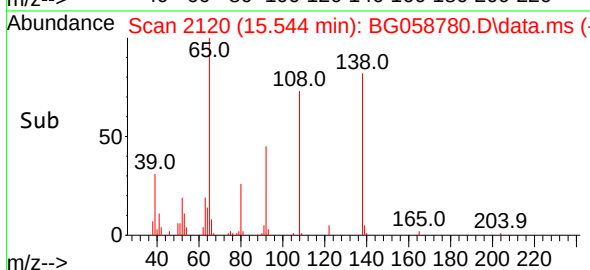
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

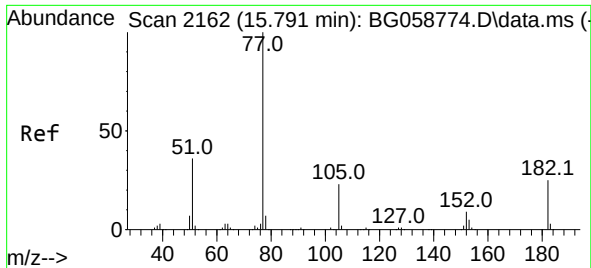


#62
4-Nitroaniline
Concen: 54.665 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:138 Resp: 58796
Ion Ratio Lower Upper
138 100
92 54.8 36.4 76.4
108 93.1 72.2 112.2





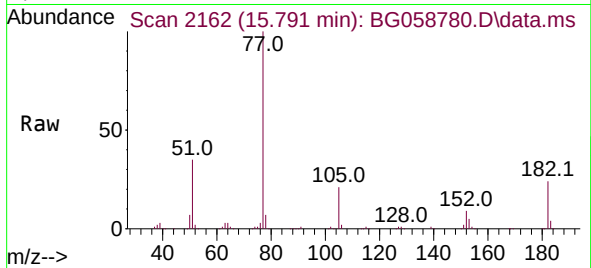
#63
Azobenzene
Concen: 50.198 ng
RT: 15.791 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

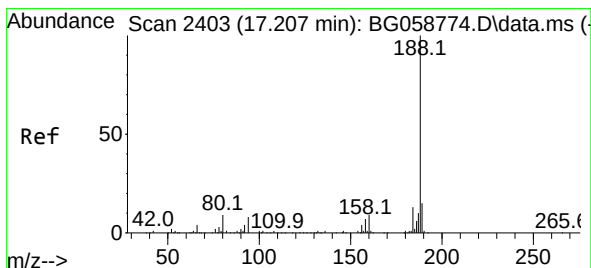
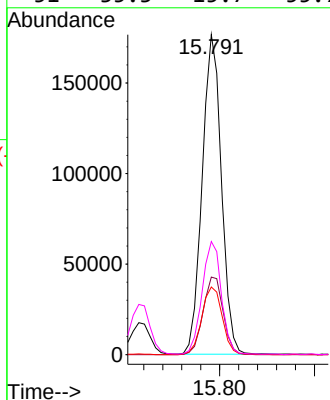
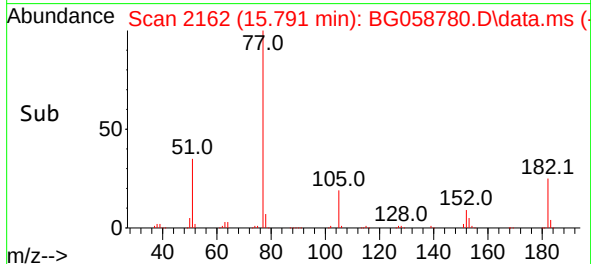


Tgt Ion: 77 Resp: 248572
Ion Ratio Lower Upper
77 100
182 24.2 4.9 44.9
105 21.1 2.8 42.8
51 35.3 15.7 55.7

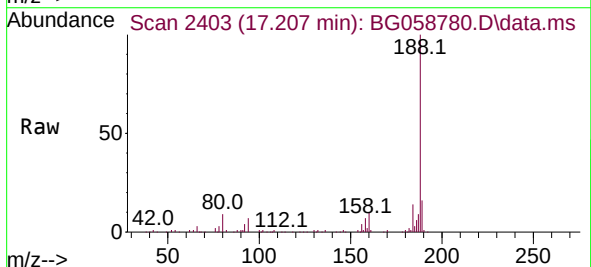
Manual Integrations

APPROVED

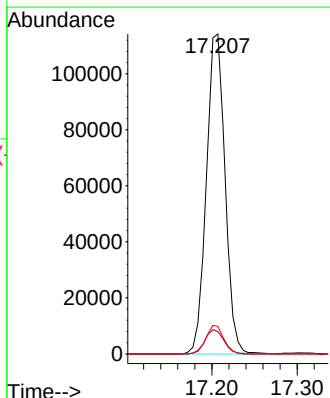
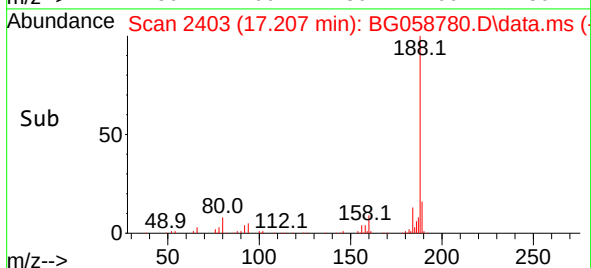
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

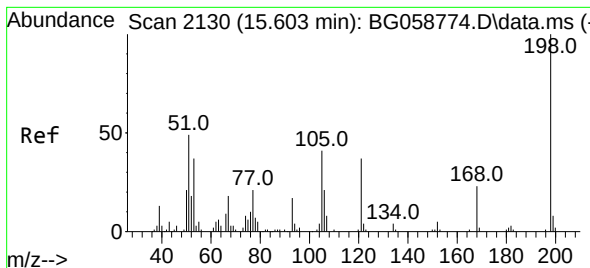


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:188 Resp: 173755
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 8.6 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 51.054 ng
RT: 15.603 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

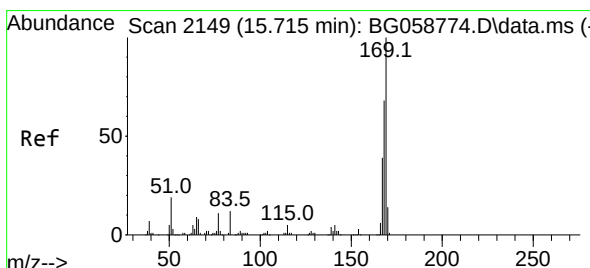
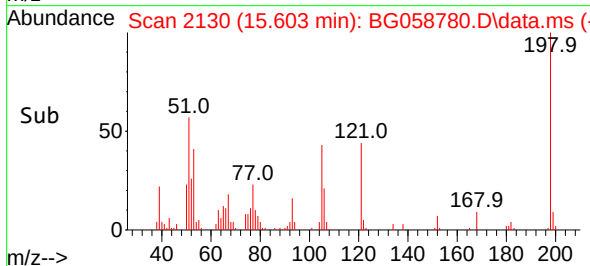
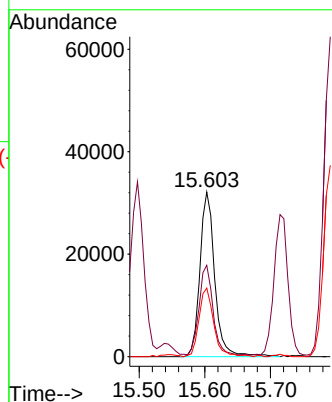
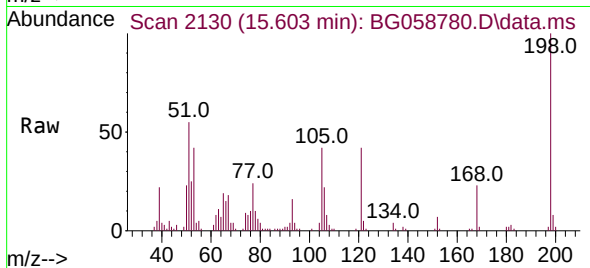
PB154909BS

Tgt Ion:198 Resp: 50142
Ion Ratio Lower Upper
198 100
51 55.4 31.3 71.3
105 41.7 20.7 60.7

Manual Integrations

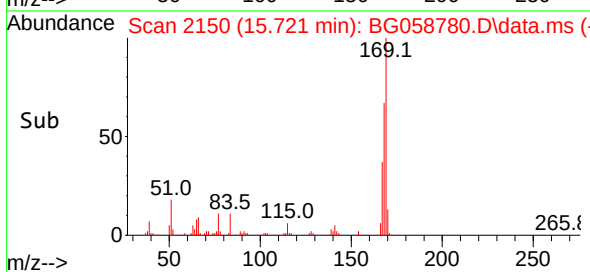
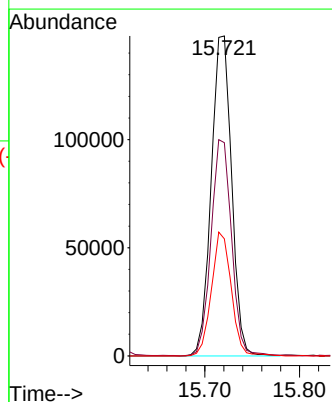
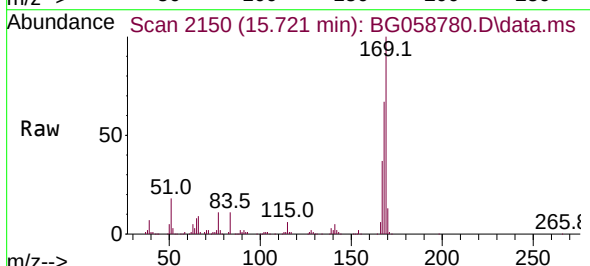
APPROVED

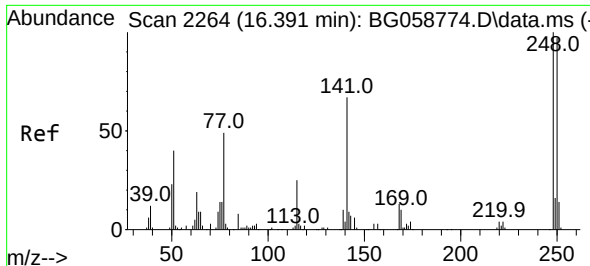
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#66
n-Nitrosodiphenylamine
Concen: 49.419 ng
RT: 15.721 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

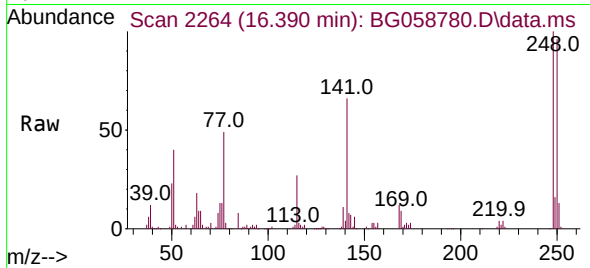
Tgt Ion:169 Resp: 221313
Ion Ratio Lower Upper
169 100
168 66.6 54.4 81.6
167 36.6 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 48.650 ng
RT: 16.390 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

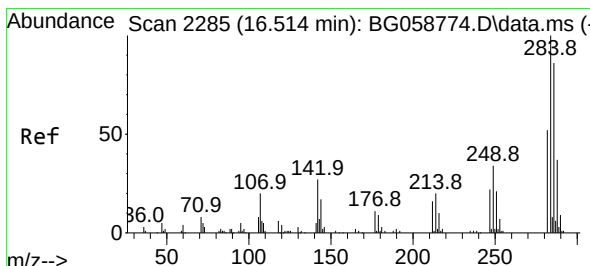
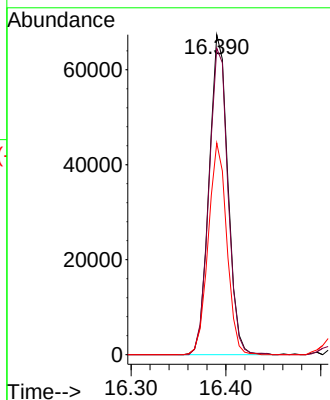
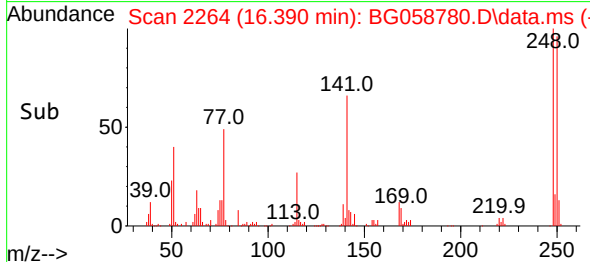
Instrument :
BNA_G
ClientSampleId :
PB154909BS



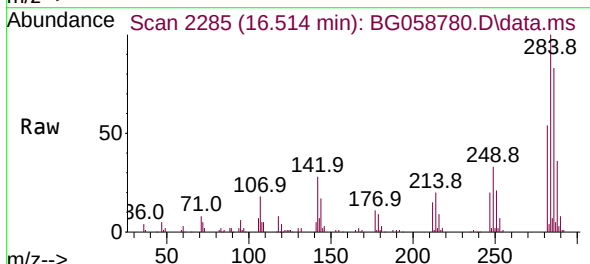
Tgt Ion:248 Resp: 92763
Ion Ratio Lower Upper
248 100
250 95.7 77.7 116.5
141 66.1 53.6 80.4

Manual Integrations
APPROVED

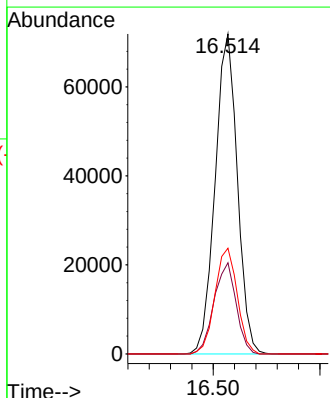
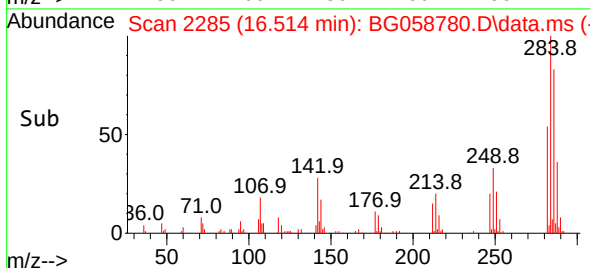
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

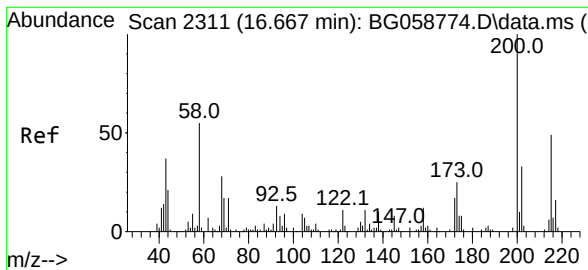


#68
Hexachlorobenzene
Concen: 50.740 ng
RT: 16.514 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:284 Resp: 104124
Ion Ratio Lower Upper
284 100
142 28.5 22.0 33.0
249 33.0 27.2 40.8





#69
 Atrazine
 Concen: 60.882 ng
 RT: 16.667 min Scan# 2311
 Delta R.T. -0.000 min
 Lab File: BG058780.D
 Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

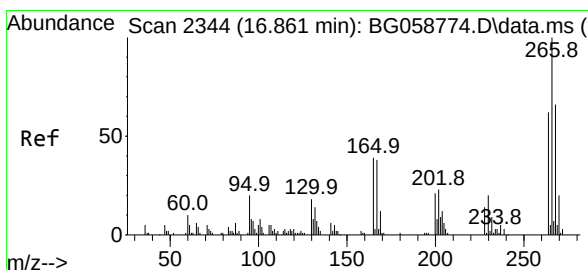
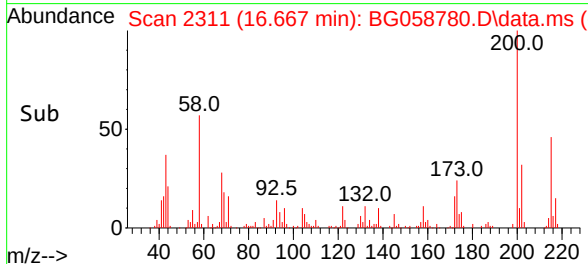
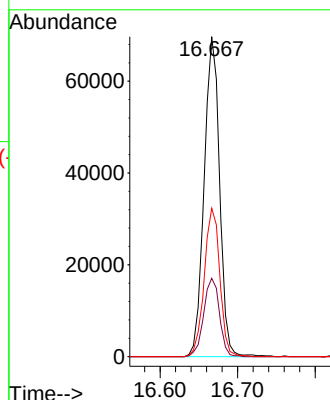
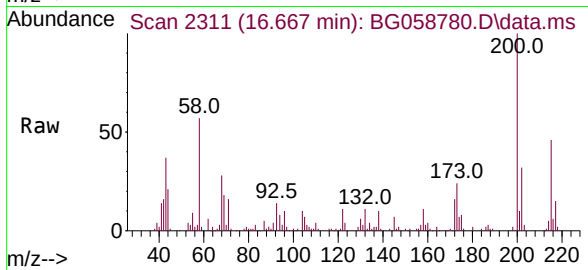
PB154909BS

Tgt Ion:200 Resp: 96491
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.3 45.3
 215 46.4 29.4 69.4

Manual Integrations

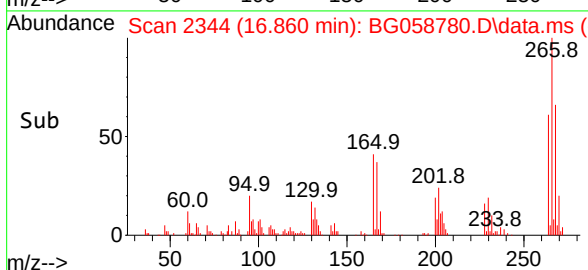
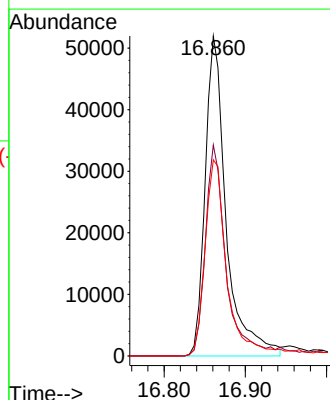
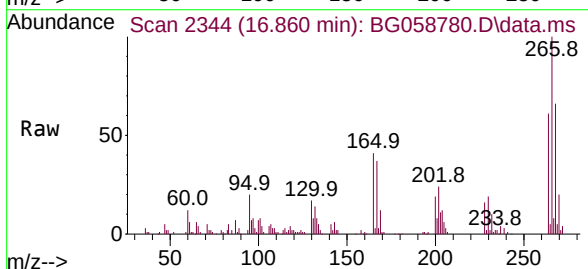
APPROVED

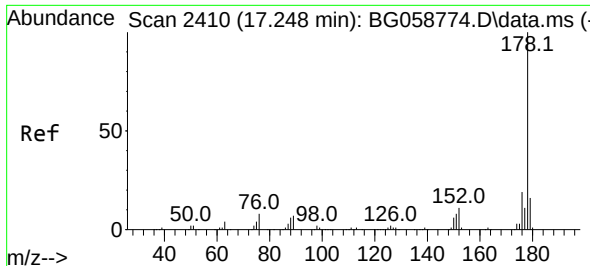
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#70
 Pentachlorophenol
 Concen: 86.975 ng
 RT: 16.860 min Scan# 2344
 Delta R.T. -0.001 min
 Lab File: BG058780.D
 Acq: 18 Aug 2023 17:30

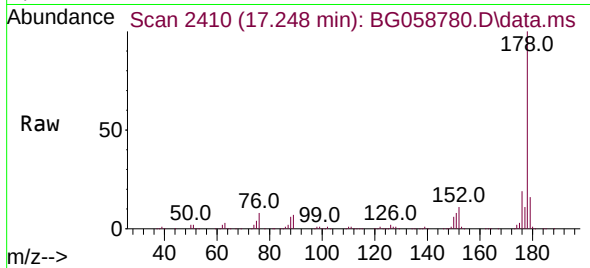
Tgt Ion:266 Resp: 93590
 Ion Ratio Lower Upper
 266 100
 268 65.9 52.7 79.1
 264 61.3 49.5 74.3





#71
Phenanthrene
Concen: 49.990 ng
RT: 17.248 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

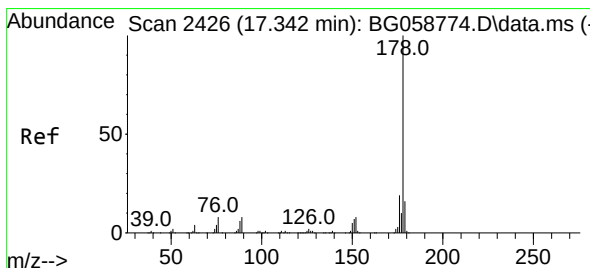
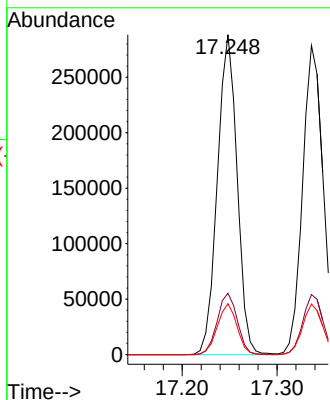
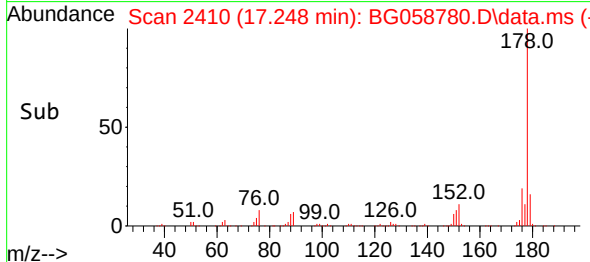
Instrument :
BNA_G
ClientSampleId :
PB154909BS



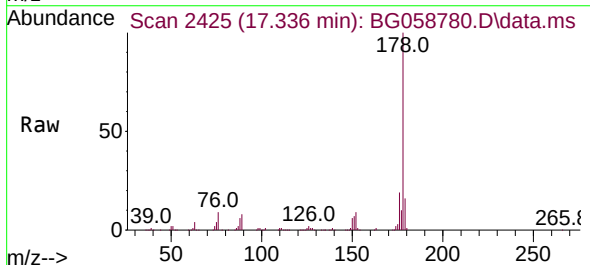
Tgt Ion:178 Resp: 416991
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.9 13.0 19.4

Manual Integrations
APPROVED

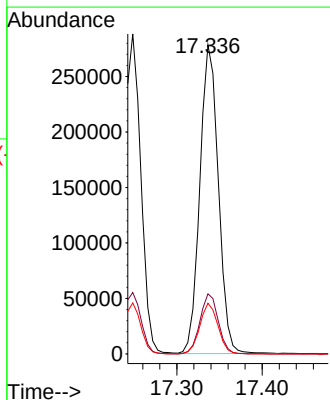
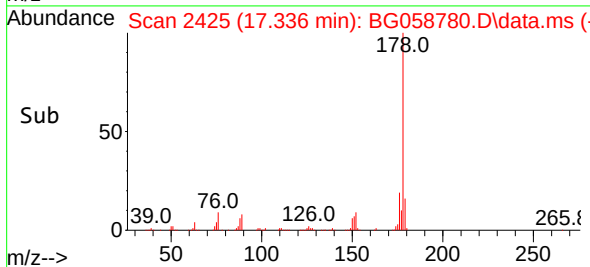
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

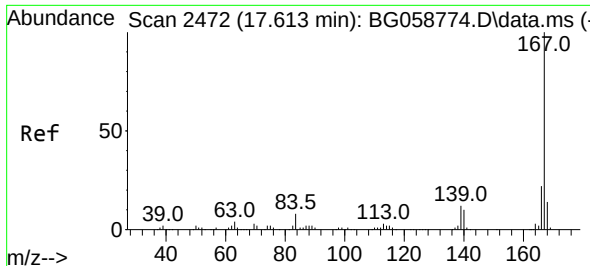


#72
Anthracene
Concen: 50.095 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



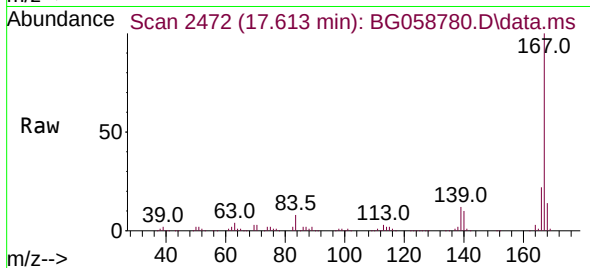
Tgt Ion:178 Resp: 419099
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.4 12.9 19.3





#73
 Carbazole
 Concen: 52.138 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG058780.D
 Acq: 18 Aug 2023 17:30

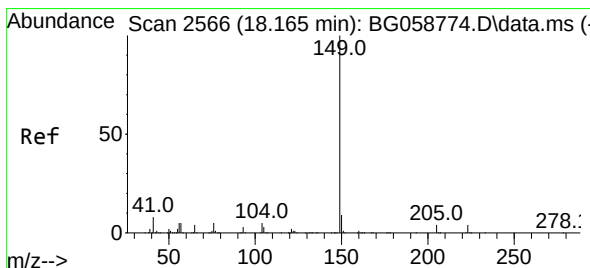
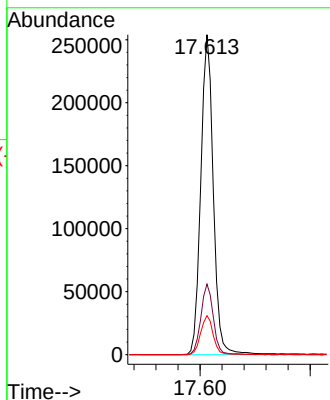
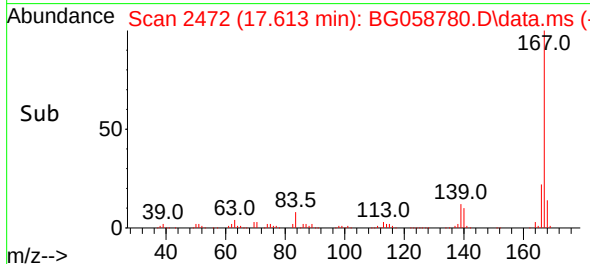
Instrument :
 BNA_G
 ClientSampleId :
 PB154909BS



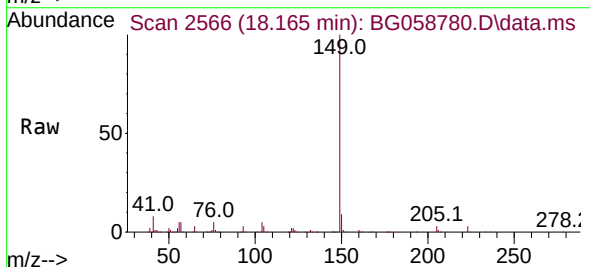
Tgt Ion:167 Resp: 399437
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 12.2 9.7 14.5

Manual Integrations
 APPROVED

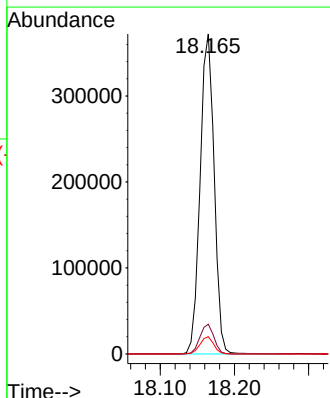
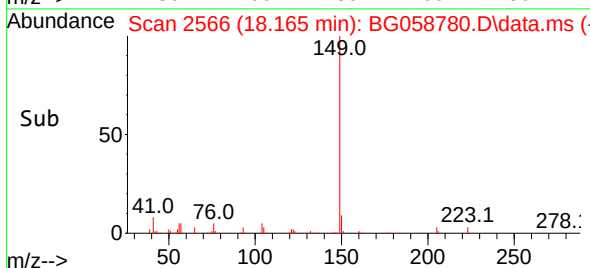
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

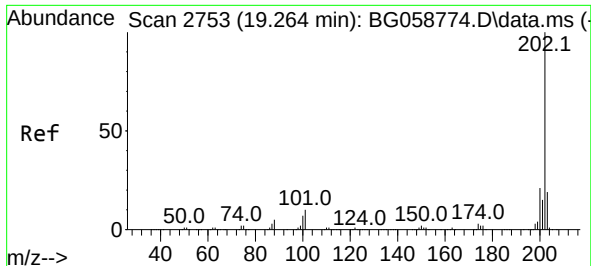


#74
 Di-n-butylphthalate
 Concen: 50.592 ng
 RT: 18.165 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BG058780.D
 Acq: 18 Aug 2023 17:30



Tgt Ion:149 Resp: 488947
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.4 4.3 6.5





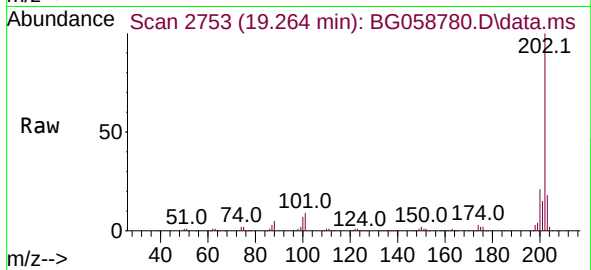
#75
Fluoranthene
Concen: 49.975 ng
RT: 19.264 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS



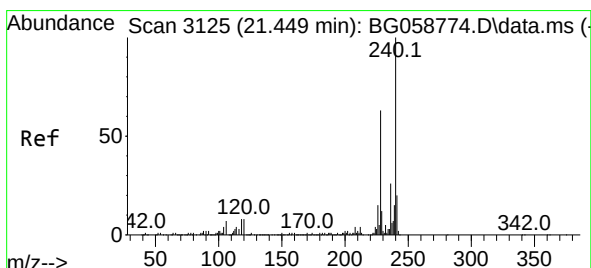
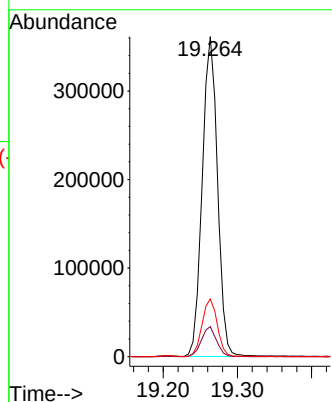
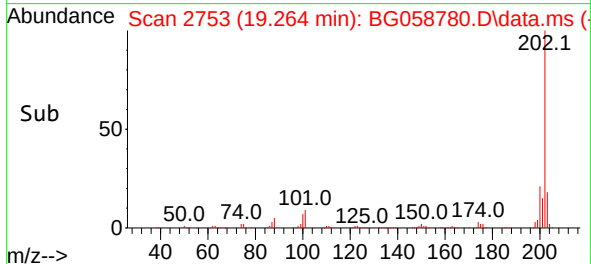
Tgt Ion:202 Resp: 516960
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 18.0 0.0 38.7

Manual Integrations

APPROVED

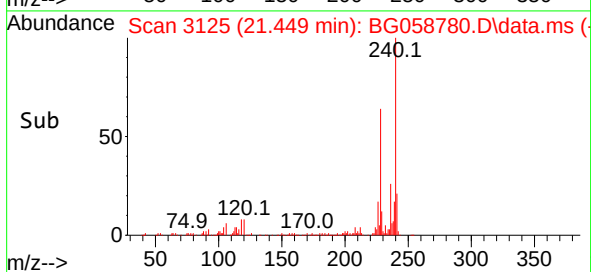
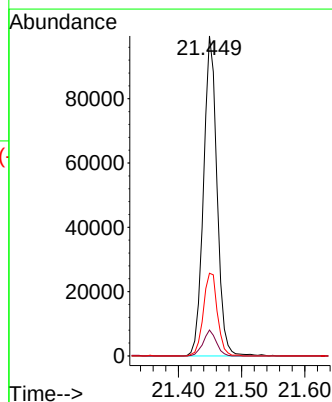
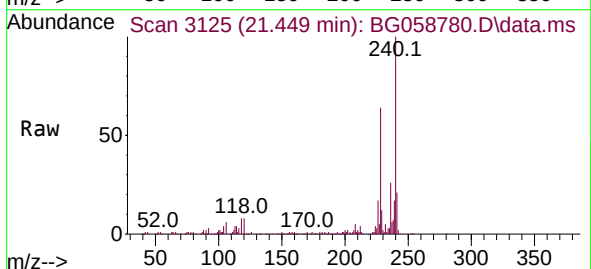
Reviewed By :Yogesh Patel 08/22/2023

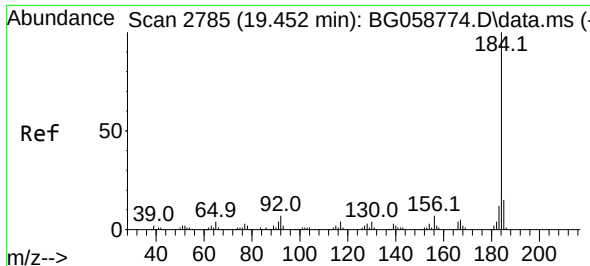
Supervised By :mohammad ahmed 08/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:240 Resp: 147296
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 25.8 20.5 30.7





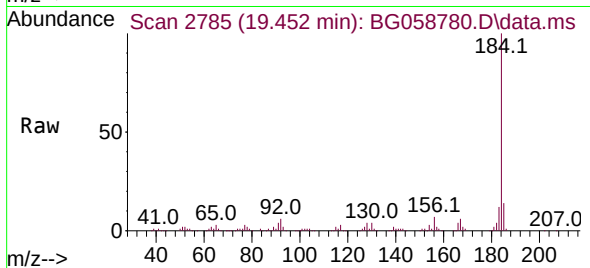
#77
Benzidine
Concen: 75.077 ng
RT: 19.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

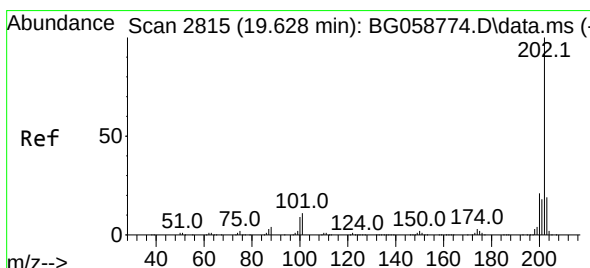
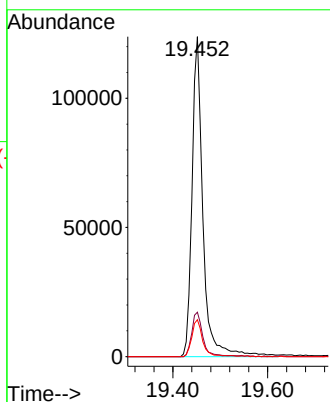
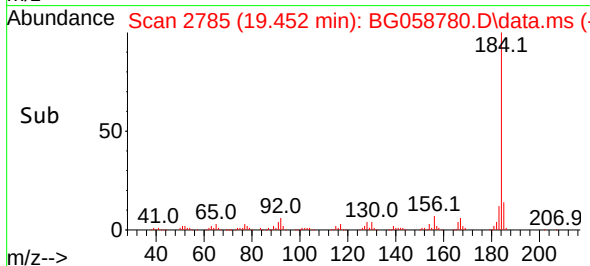


Tgt Ion:184 Resp: 19819
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 11.5 10.0 15.0

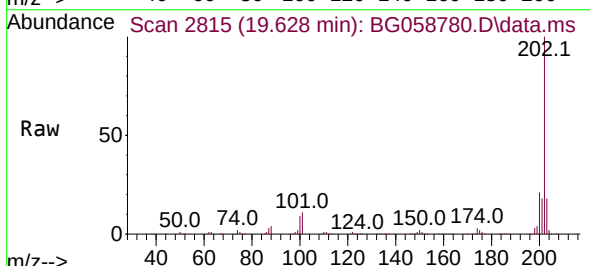
Manual Integrations

APPROVED

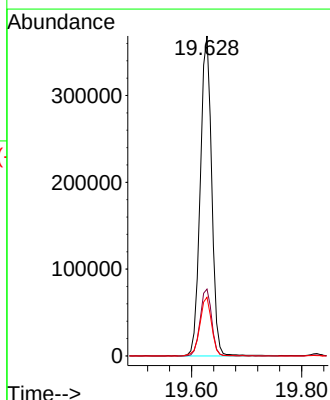
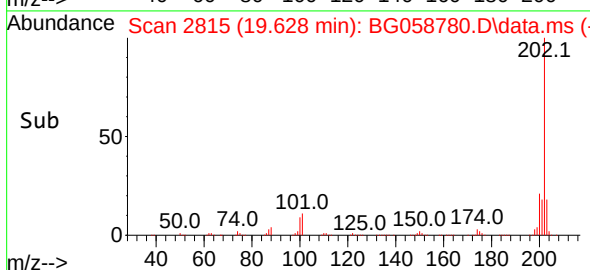
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

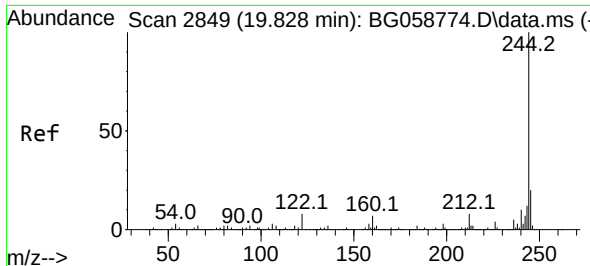


#78
Pyrene
Concen: 51.445 ng
RT: 19.628 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:202 Resp: 527983
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 18.3 15.3 22.9





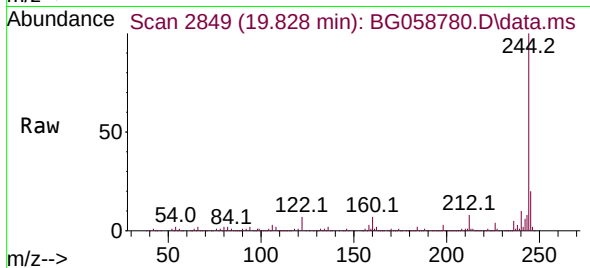
#79
 Terphenyl-d14
 Concen: 101.402 ng
 RT: 19.828 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BG058780.D
 Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS

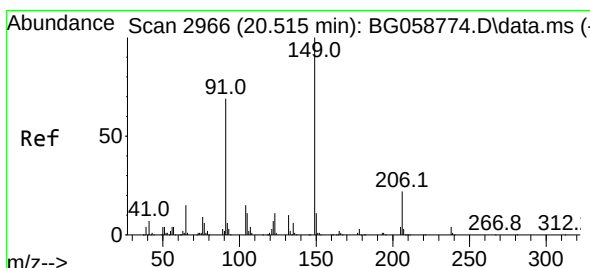
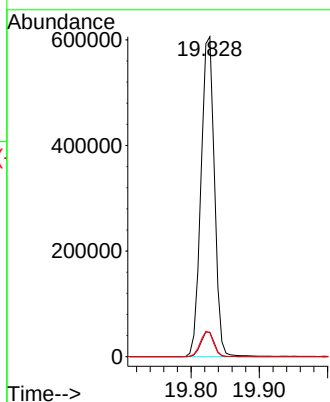
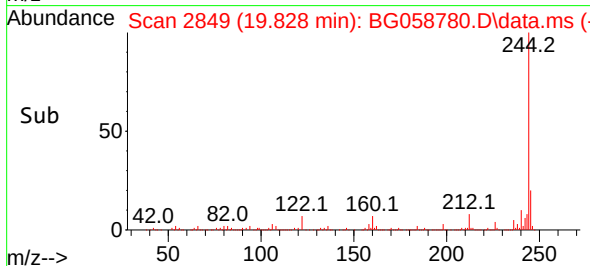


Tgt Ion:244 Resp: 831821
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.4 6.3 9.5

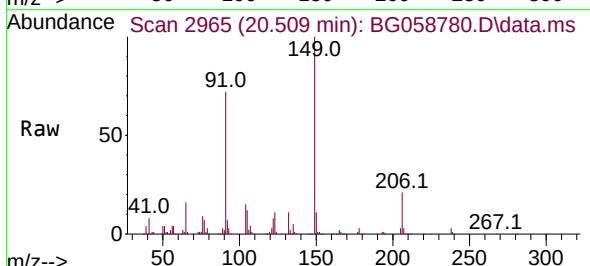
Manual Integrations

APPROVED

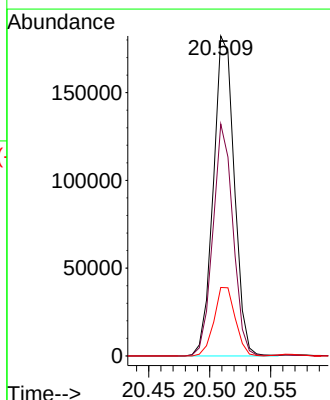
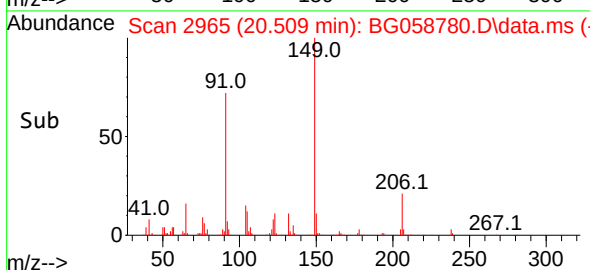
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

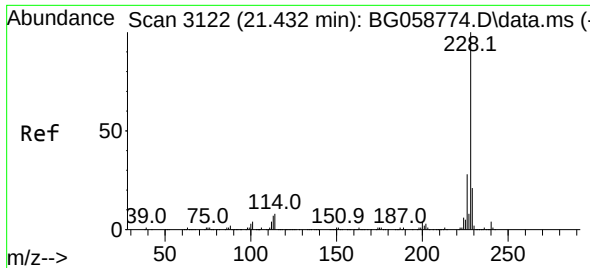


#80
 Butylbenzylphthalate
 Concen: 52.391 ng
 RT: 20.509 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BG058780.D
 Acq: 18 Aug 2023 17:30



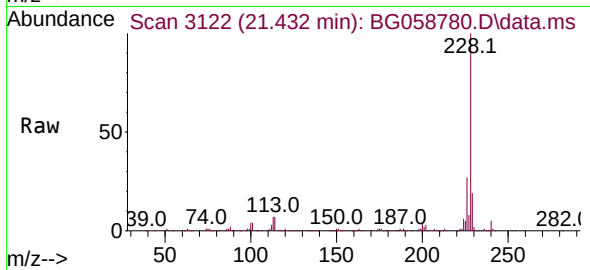
Tgt Ion:149 Resp: 218073
 Ion Ratio Lower Upper
 149 100
 91 72.5 55.0 82.4
 206 21.4 17.6 26.4





#81
Benzo(a)anthracene
Concen: 51.950 ng
RT: 21.432 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

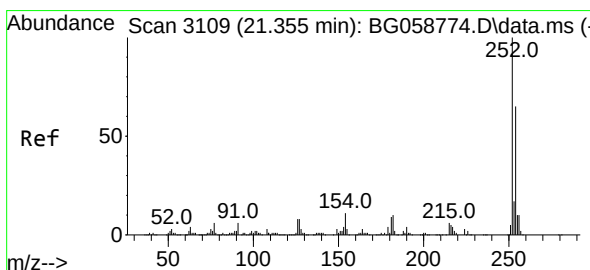
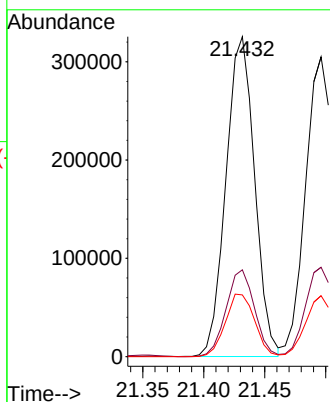
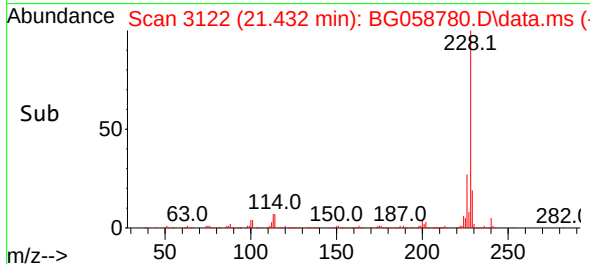
Instrument :
BNA_G
ClientSampleId :
PB154909BS



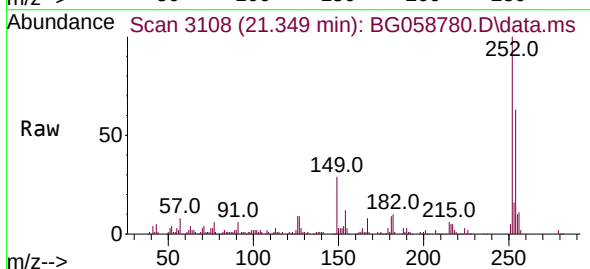
Tgt Ion:228 Resp: 532653
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.3 16.8 25.2

Manual Integrations
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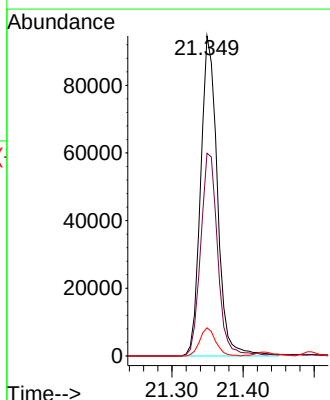
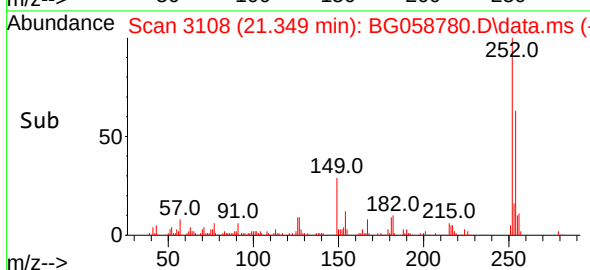
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

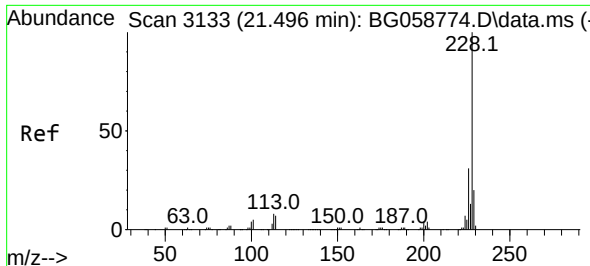


#82
3,3'-Dichlorobenzidine
Concen: 43.415 ng
RT: 21.349 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



Tgt Ion:252 Resp: 153683
Ion Ratio Lower Upper
252 100
254 63.3 51.8 77.6
126 8.8 6.6 9.8





#83

Chrysene

Concen: 49.949 ng

RT: 21.496 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BG058780.D

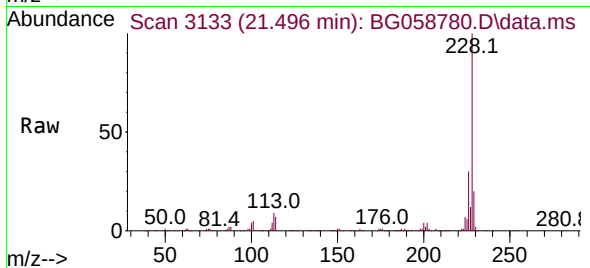
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

ClientSampleId :

PB154909BS



Tgt Ion:228 Resp: 493636

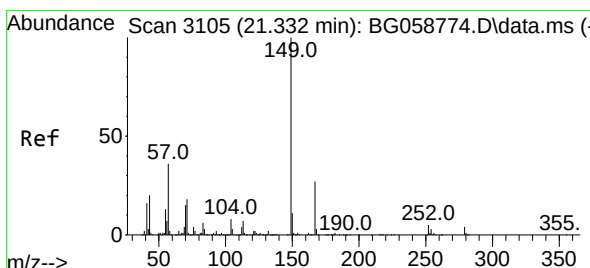
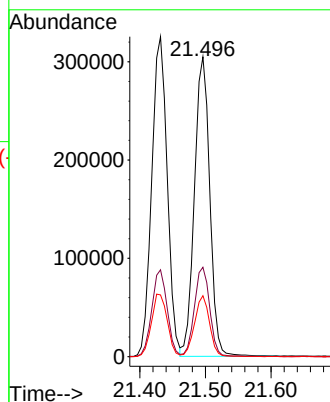
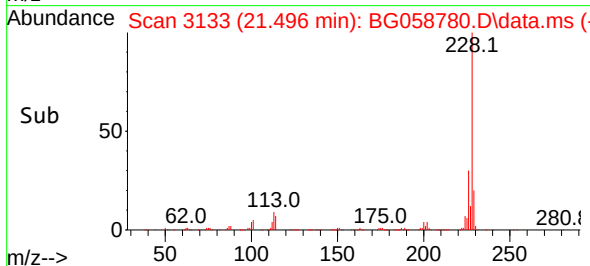
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	20.3	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.458 ng

RT: 21.332 min Scan# 3105

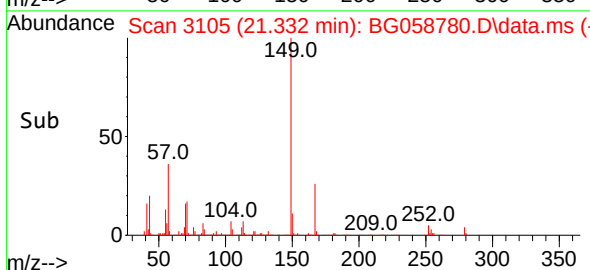
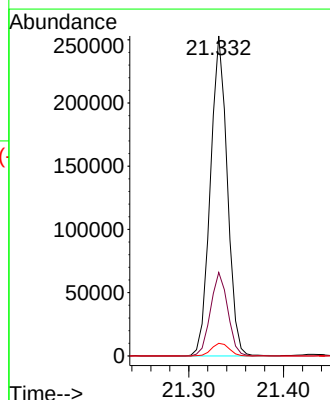
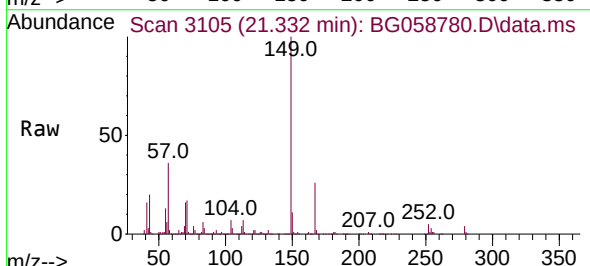
Delta R.T. -0.000 min

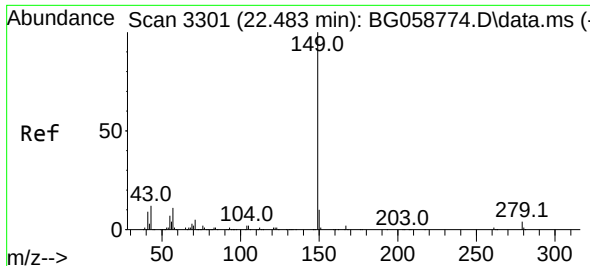
Lab File: BG058780.D

Acq: 18 Aug 2023 17:30

Tgt Ion:149 Resp: 314141

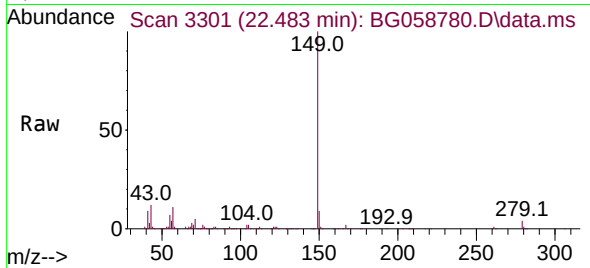
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.7	32.5
279	3.9	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 52.277 ng
RT: 22.483 min Scan# 3301
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

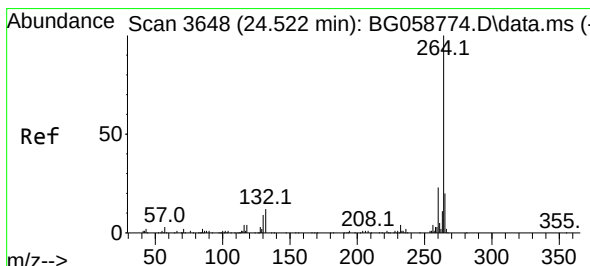
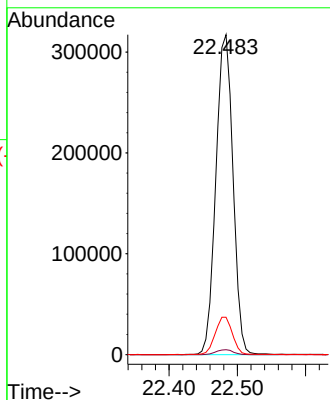
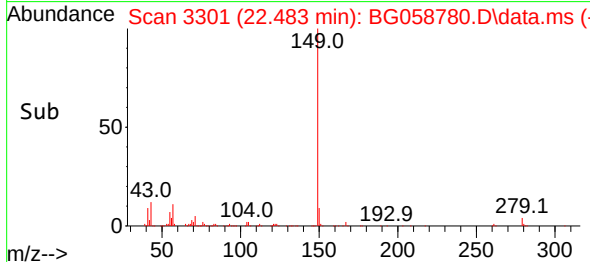
Instrument :
BNA_G
ClientSampleId :
PB154909BS



Tgt Ion:149 Resp: 548918
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.9 9.7 14.5

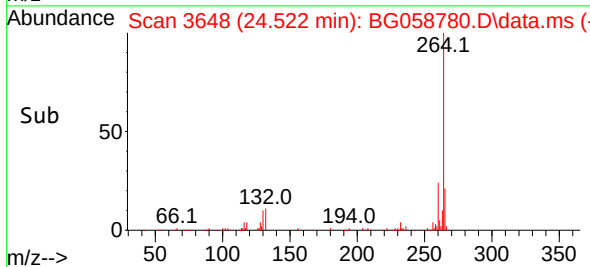
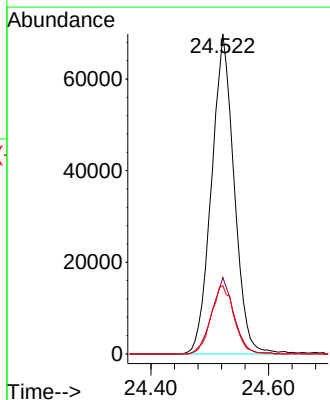
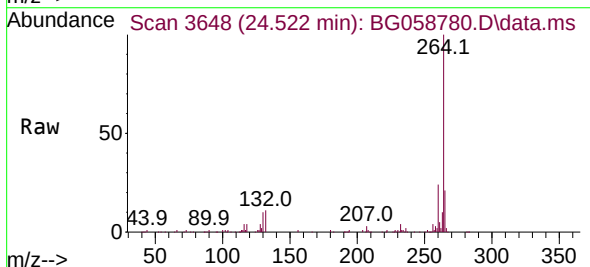
Manual Integrations
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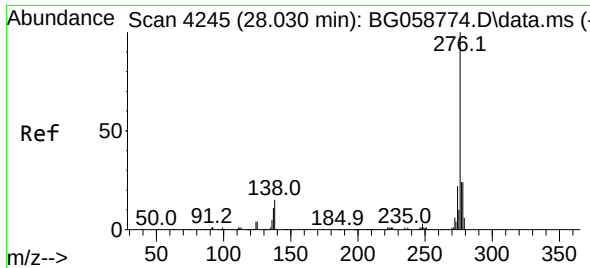
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:264 Resp: 186163
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.2
265 21.3 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.824 ng
RT: 28.030 min Scan# 4245
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Instrument :

BNA_G

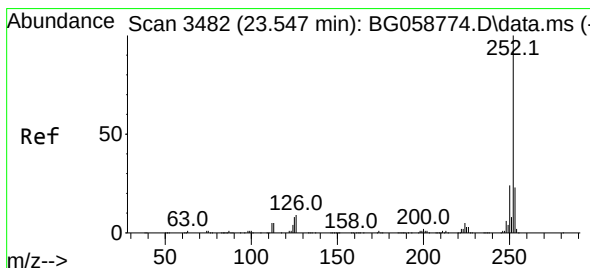
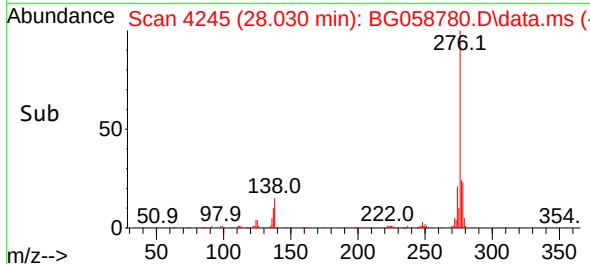
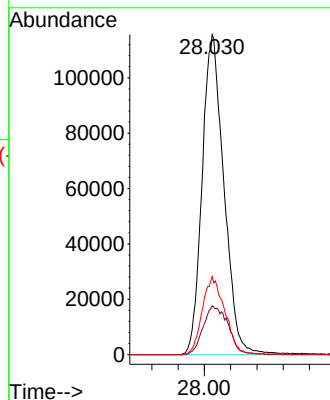
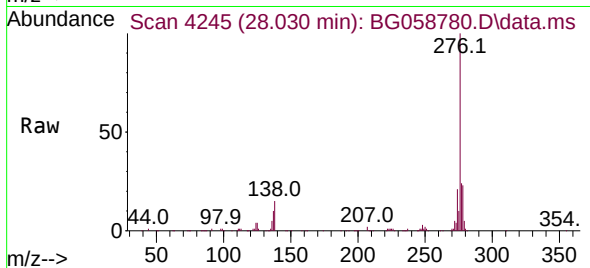
ClientSampleId :

PB154909BS

Tgt Ion:276 Resp: 665328
Ion Ratio Lower Upper
276 100
138 17.4 6.2 9.2
277 25.1 20.4 30.6

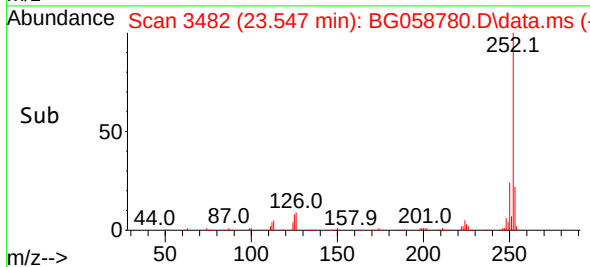
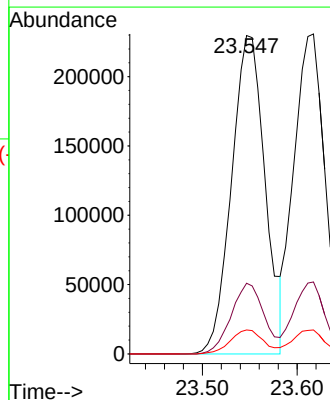
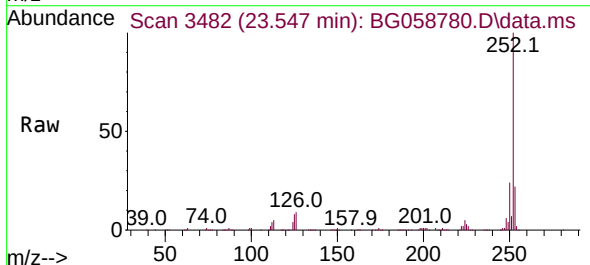
Manual Integrations
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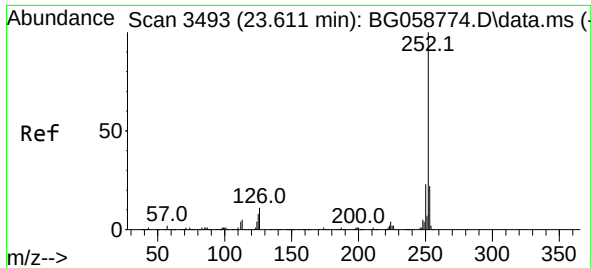
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#88
Benzo(b)fluoranthene
Concen: 54.714 ng
RT: 23.547 min Scan# 3482
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

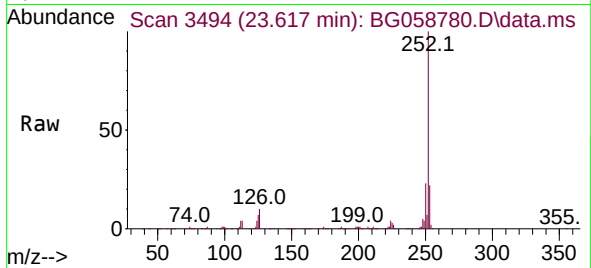
Tgt Ion:252 Resp: 565160
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 7.5 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 49.837 ng
RT: 23.617 min Scan# 3494
Delta R.T. 0.006 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

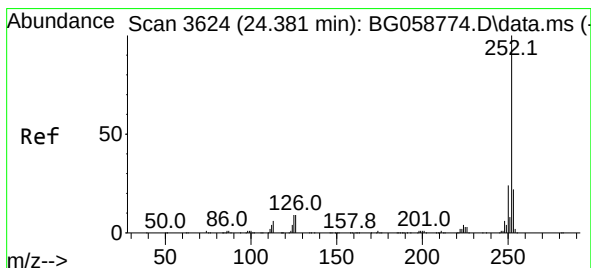
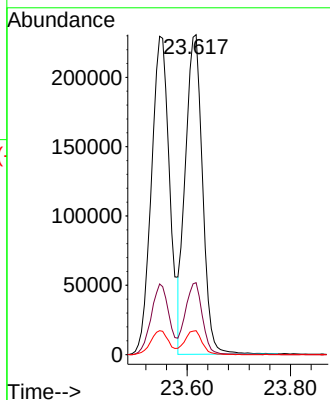
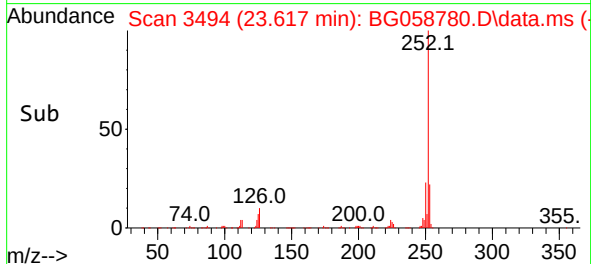
Instrument :
BNA_G
ClientSampleId :
PB154909BS



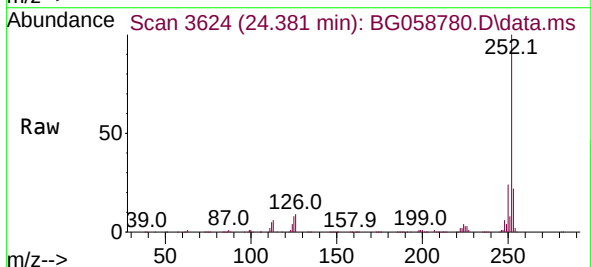
Tgt Ion:252 Resp: 530893
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 7.5 6.3 9.5

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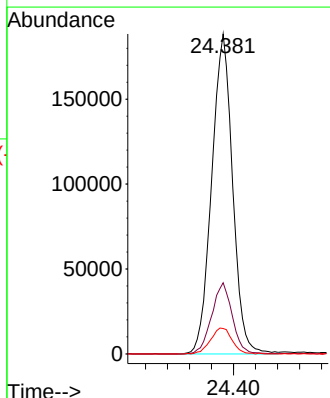
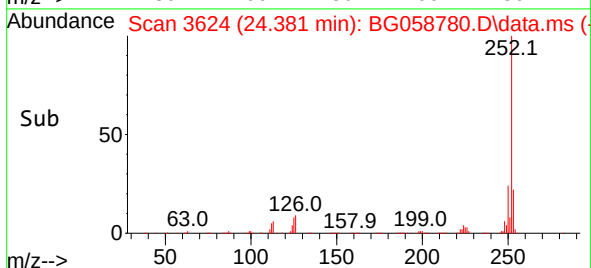
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

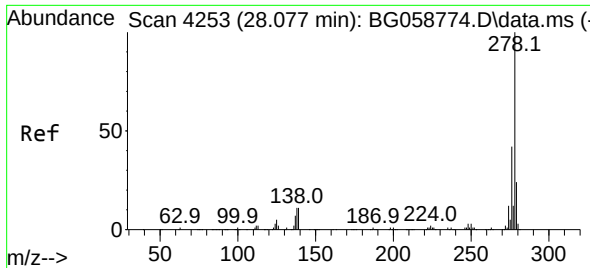


#90
Benzo(a)pyrene
Concen: 48.901 ng
RT: 24.381 min Scan# 3624
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30



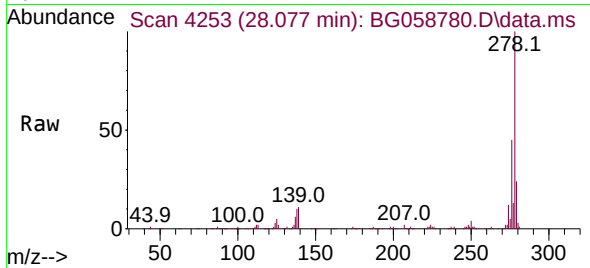
Tgt Ion:252 Resp: 497355
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 7.9 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 53.012 ng
RT: 28.077 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

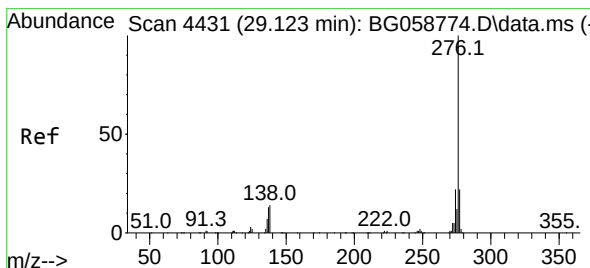
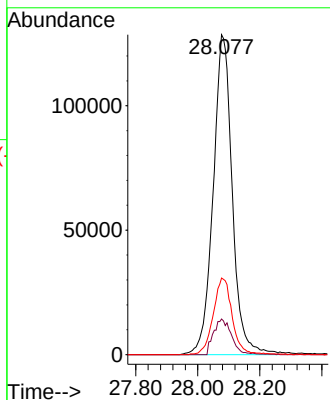
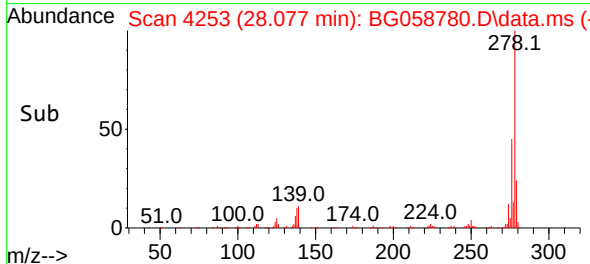
Instrument :
BNA_G
ClientSampleId :
PB154909BS



Tgt Ion:278 Resp: 548659
Ion Ratio Lower Upper
278 100
139 11.1 8.9 13.3
279 23.9 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#92
Benzo(g,h,i)perylene
Concen: 51.722 ng
RT: 29.123 min Scan# 4431
Delta R.T. -0.000 min
Lab File: BG058780.D
Acq: 18 Aug 2023 17:30

Tgt Ion:276 Resp: 535199
Ion Ratio Lower Upper
276 100
277 24.0 17.8 26.6
138 14.3 11.1 16.7

