

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058787.D
 Acq On : 21 Aug 2023 10:17
 Operator : MA/JU
 Sample : PB154945BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154945BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 01:23:37 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	7.807	152	21713	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	103272	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	75648	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	193761	20.000	ng	0.00
76) Chrysene-d12	21.450	240	161645	20.000	ng	0.00
86) Perylene-d12	24.517	264	176407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	241387	178.904	ng	0.00
7) Phenol-d6	6.984	99	325052	171.710	ng	0.00
23) Nitrobenzene-d5	8.976	82	200693	93.431	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	160555	135.359	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	457003	87.866	ng	0.00
79) Terphenyl-d14	19.822	244	847969	94.194	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.259	88	27394	43.184	ng	95
3) Pyridine	3.659	79	71457	42.628	ng	98
4) n-Nitrosodimethylamine	3.576	42	48973	53.738	ng	# 98
6) Aniline	7.137	93	103386	44.677	ng	99
8) 2-Chlorophenol	7.372	128	88763	65.064	ng	100
9) Benzaldehyde	6.949	77	40235m	37.891	ng	
10) Phenol	7.014	94	120056	65.770	ng	96
11) bis(2-Chloroethyl)ether	7.231	93	83555	58.662	ng	99
12) 1,3-Dichlorobenzene	7.695	146	85428	58.953	ng	99
13) 1,4-Dichlorobenzene	7.842	146	88026	60.071	ng	96
14) 1,2-Dichlorobenzene	8.159	146	85895	60.647	ng	100
15) Benzyl Alcohol	8.054	79	85537	63.198	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.336	45	178870	58.926	ng	99
17) 2-Methylphenol	8.259	107	80939	60.370	ng	98
18) Hexachloroethane	8.888	117	32075	60.077	ng	97
19) n-Nitroso-di-n-propyla...	8.618	70	69616	56.891	ng	99
20) 3+4-Methylphenols	8.588	107	110043	61.050	ng	99
22) Acetophenone	8.635	105	139939	50.058	ng	# 97
24) Nitrobenzene	9.017	77	103712	48.545	ng	97
25) Isophorone	9.534	82	203033	47.530	ng	99
26) 2-Nitrophenol	9.728	139	47154	52.774	ng	93
27) 2,4-Dimethylphenol	9.787	122	78346	51.737	ng	98
28) bis(2-Chloroethoxy)met...	10.022	93	112341	49.649	ng	98
29) 2,4-Dichlorophenol	10.263	162	86268	55.440	ng	98
30) 1,2,4-Trichlorobenzene	10.474	180	94221	50.143	ng	98
31) Naphthalene	10.662	128	262868	48.478	ng	99
32) Benzoic acid	9.963	122	41025	44.659	ng	97
33) 4-Chloroaniline	10.774	127	71362	31.205	ng	97
34) Hexachlorobutadiene	10.938	225	61951	48.850	ng	98
35) Caprolactam	11.555	113	28561m	51.222	ng	
36) 4-Chloro-3-methylphenol	11.908	107	100117	51.737	ng	97
37) 2-Methylnaphthalene	12.272	142	183046	47.001	ng	99
38) 1-Methylnaphthalene	12.495	142	177623	48.047	ng	99
40) 1,2,4,5-Tetrachloroben...	12.648	216	108896	46.694	ng	99
41) Hexachlorocyclopentadiene	12.619	237	100183	105.986	ng	98
43) 2,4,6-Trichlorophenol	12.889	196	75979	51.201	ng	99

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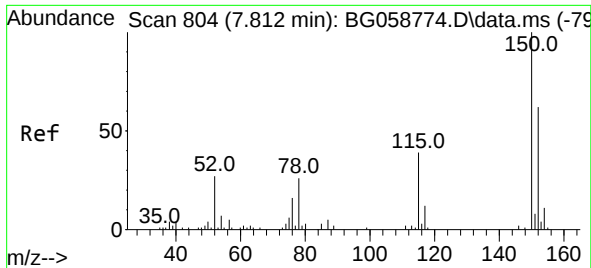
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	82678	46.527	ng	97
46) 1,1'-Biphenyl	13.289	154	246741	47.348	ng	98
47) 2-Chloronaphthalene	13.330	162	198930	48.984	ng	98
48) 2-Nitroaniline	13.547	65	73948	47.944	ng	98
49) Acenaphthylene	14.182	152	323580	48.046	ng	98
50) Dimethylphthalate	13.917	163	269821	46.066	ng	99
51) 2,6-Dinitrotoluene	14.041	165	60656	49.293	ng	98
52) Acenaphthene	14.522	154	183124	46.530	ng	99
53) 3-Nitroaniline	14.376	138	40693	34.287	ng	99
54) 2,4-Dinitrophenol	14.593	184	64216	92.220	ng	98
55) Dibenzofuran	14.857	168	313657	46.202	ng	97
56) 4-Nitrophenol	14.693	139	85070	98.018	ng	99
57) 2,4-Dinitrotoluene	14.834	165	85645	49.900	ng	94
58) Fluorene	15.510	166	254271	47.063	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	73227	50.498	ng	98
60) Diethylphthalate	15.275	149	283310	46.913	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	139677	46.642	ng	97
62) 4-Nitroaniline	15.545	138	60332	50.092	ng	97
63) Azobenzene	15.792	77	259117	46.728	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	50924	46.496	ng	96
66) n-Nitrosodiphenylamine	15.715	169	227632	45.582	ng	99
67) 4-Bromophenyl-phenylether	16.391	248	95311	44.826	ng	98
68) Hexachlorobenzene	16.514	284	109166	47.704	ng	97
69) Atrazine	16.667	200	96378	54.532	ng	99
70) Pentachlorophenol	16.861	266	100859	84.052	ng	97
71) Phenanthrene	17.249	178	426039	45.801	ng	100
72) Anthracene	17.337	178	432084	46.315	ng	100
73) Carbazole	17.613	167	403344	47.212	ng	99
74) Di-n-butylphthalate	18.159	149	501325	46.517	ng	99
75) Fluoranthene	19.264	202	522774	45.319	ng	99
77) Benzidine	19.446	184	205698	71.004	ng	98
78) Pyrene	19.622	202	536564	47.640	ng	99
80) Butylbenzylphthalate	20.510	149	224691	49.189	ng	98
81) Benzo(a)anthracene	21.426	228	545028	48.438	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	152918	39.364	ng	97
83) Chrysene	21.491	228	502729	46.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.332	149	324017	48.364	ng	99
85) Di-n-octyl phthalate	22.478	149	567056	49.210	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	683141	57.238	ng	# 93
88) Benzo(b)fluoranthene	23.547	252	584285	59.694	ng	97
89) Benzo(k)fluoranthene	23.606	252	552594	54.743	ng	100
90) Benzo(a)pyrene	24.376	252	513739	53.305	ng	99
91) Dibenzo(a,h)anthracene	28.071	278	566123	57.725	ng	98
92) Benzo(g,h,i)perylene	29.117	276	552482	56.345	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

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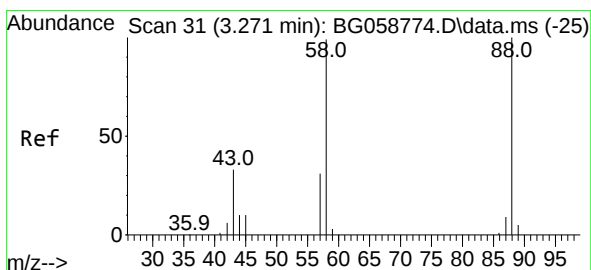
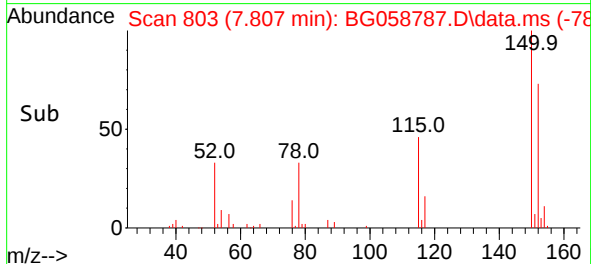
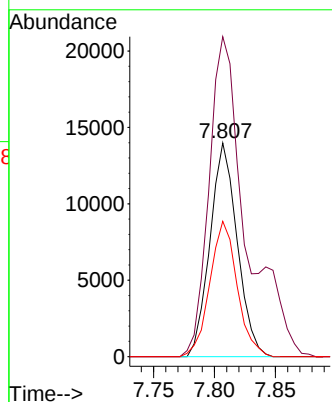
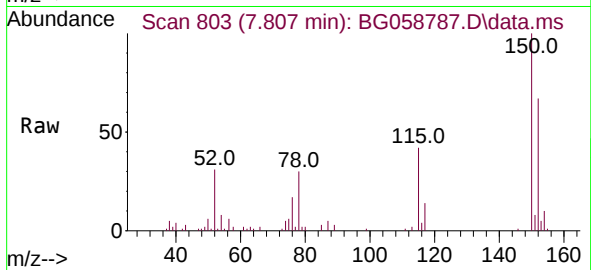
PB154945BS

Tgt Ion:152 Resp: 21713
Ion Ratio Lower Upper
152 100
150 149.7 128.6 192.8
115 63.3 50.4 75.6

Manual Integrations

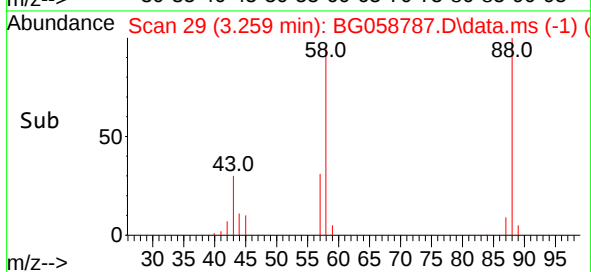
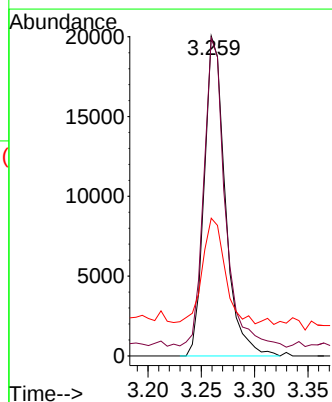
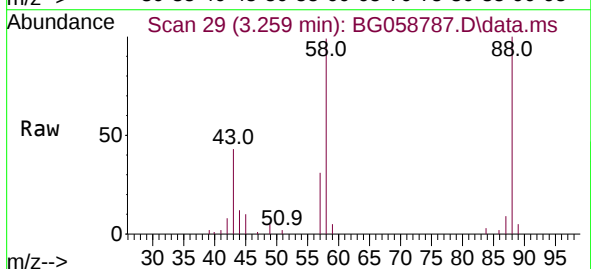
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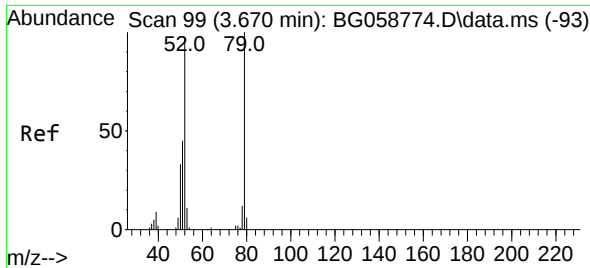
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#2
1,4-Dioxane
Concen: 43.184 ng
RT: 3.259 min Scan# 29
Delta R.T. -0.011 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

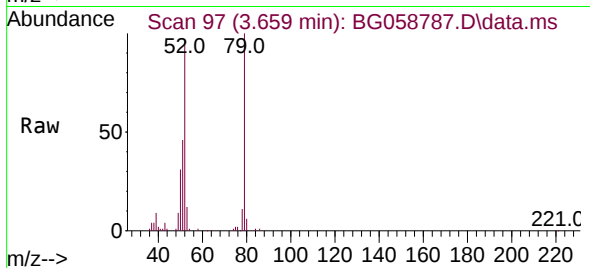
Tgt Ion: 88 Resp: 27394
Ion Ratio Lower Upper
88 100
58 98.3 82.8 124.2
43 34.2 30.1 45.1





#3
Pyridine
Concen: 42.628 ng
RT: 3.659 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

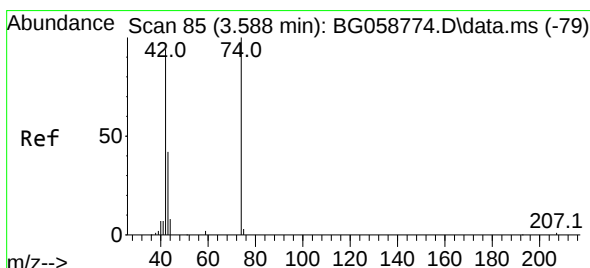
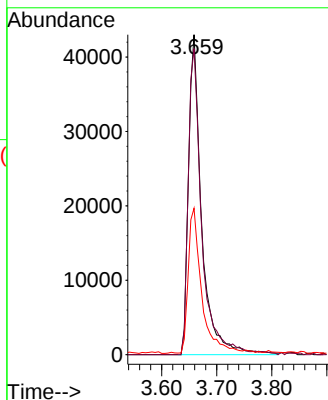
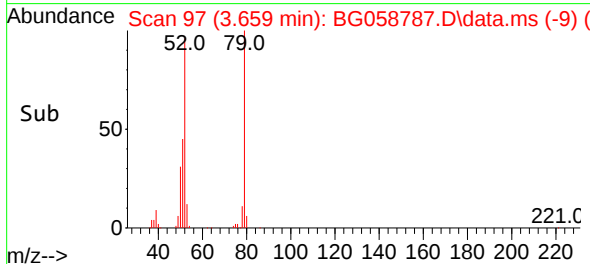
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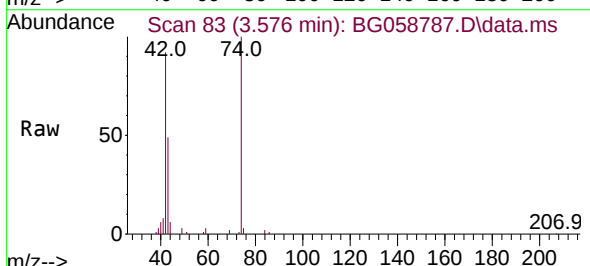
Tgt Ion: 79 Resp: 71452
Ion Ratio Lower Upper
79 100
52 95.6 77.6 116.4
51 45.7 37.5 56.3

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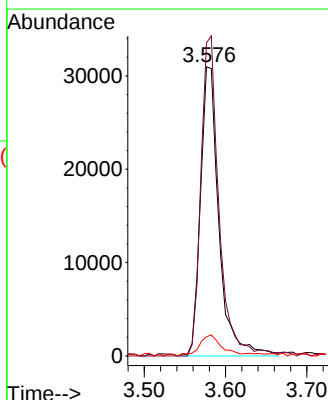
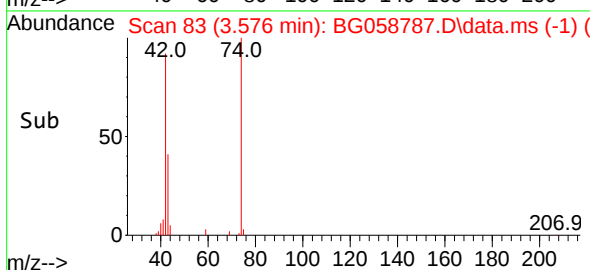
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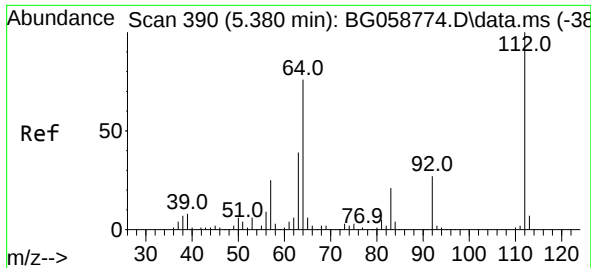


#4
n-Nitrosodimethylamine
Concen: 53.738 ng
RT: 3.576 min Scan# 83
Delta R.T. -0.011 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



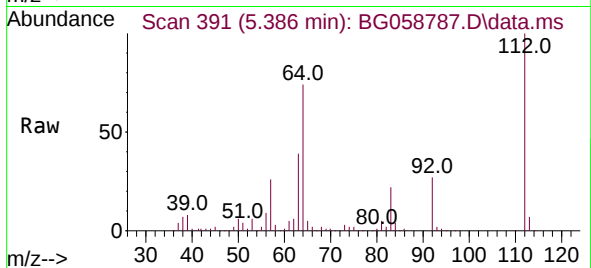
Tgt Ion: 42 Resp: 48973
Ion Ratio Lower Upper
42 100
74 108.3 85.1 127.7
44 6.6 6.9 10.3#





#5
2-Fluorophenol
Concen: 178.904 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

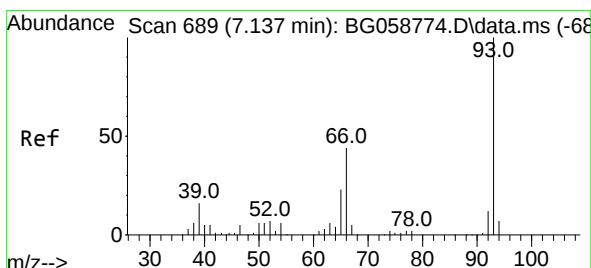
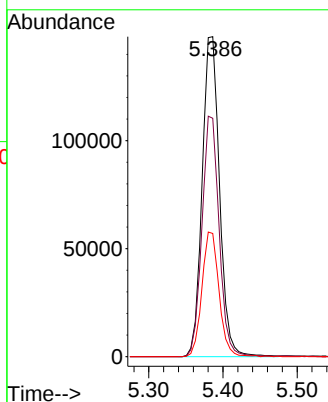
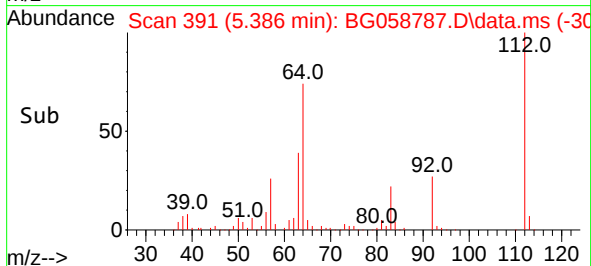
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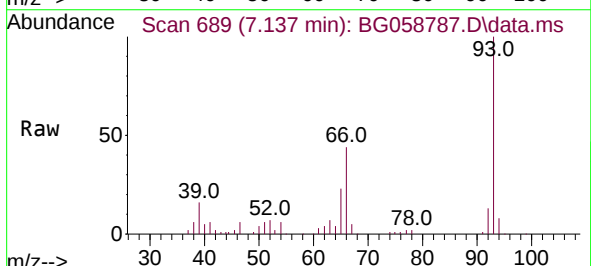
Tgt Ion: 112 Resp: 241387
Ion Ratio Lower Upper
112 100
64 74.5 60.6 90.8
63 38.5 31.0 46.4

Manual Integrations
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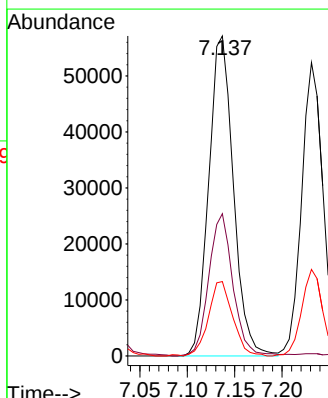
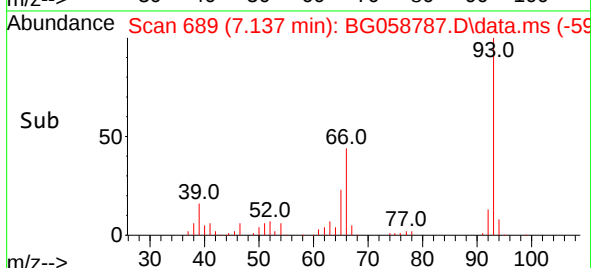
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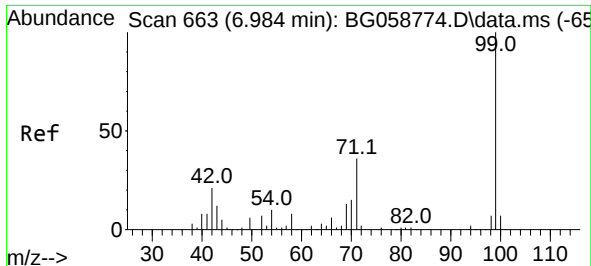


#6
Aniline
Concen: 44.677 ng
RT: 7.137 min Scan# 689
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



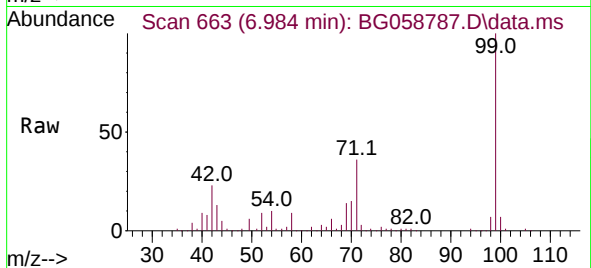
Tgt Ion: 93 Resp: 103386
Ion Ratio Lower Upper
93 100
66 44.4 35.7 53.5
65 23.2 18.2 27.2





#7
Phenol-d6
Concen: 171.710 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

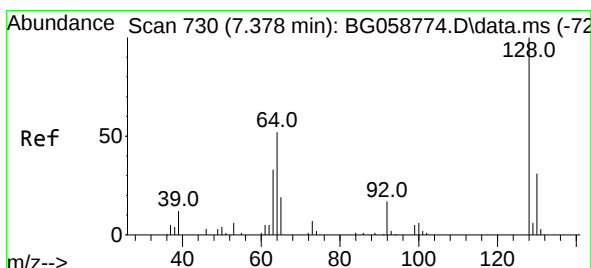
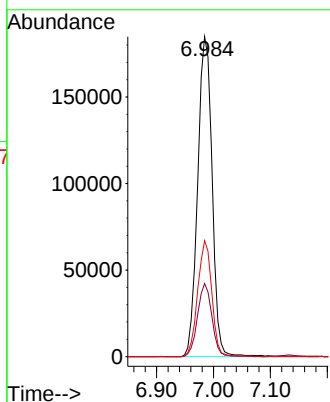
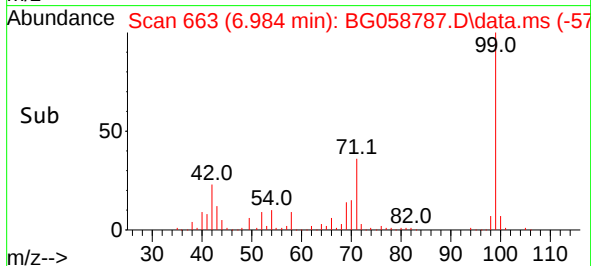
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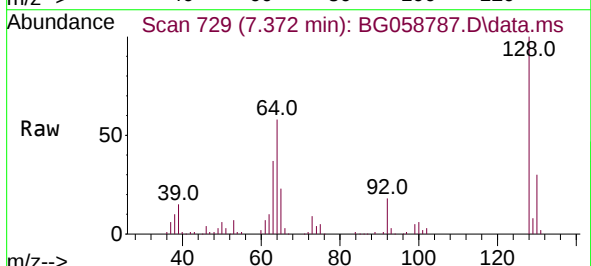
Tgt Ion: 99 Resp: 325052
Ion Ratio Lower Upper
99 100
42 22.8 16.5 24.7
71 36.2 28.4 42.6

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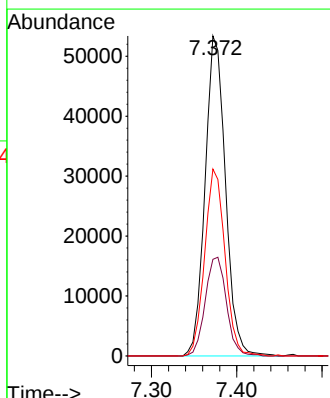
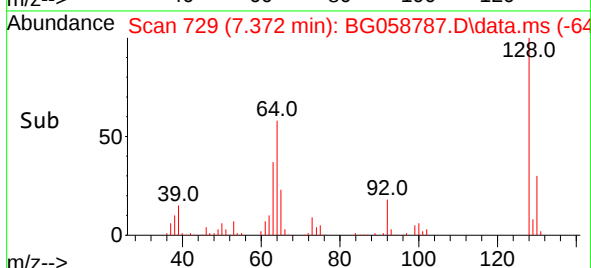
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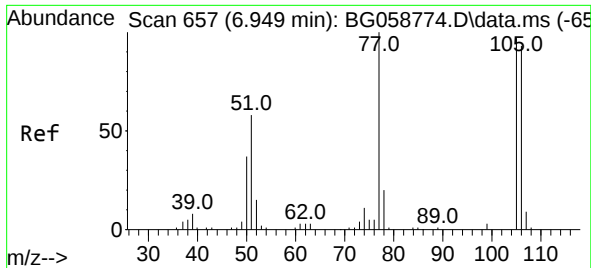


#8
2-Chlorophenol
Concen: 65.064 ng
RT: 7.372 min Scan# 729
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:128 Resp: 88763
Ion Ratio Lower Upper
128 100
130 30.2 10.9 50.9
64 58.4 38.4 78.4





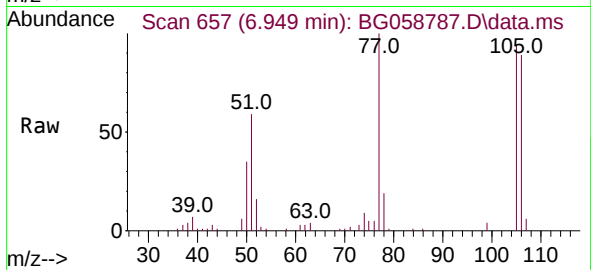
#9
Benzaldehyde
Concen: 37.891 ng m
RT: 6.949 min Scan# 657
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

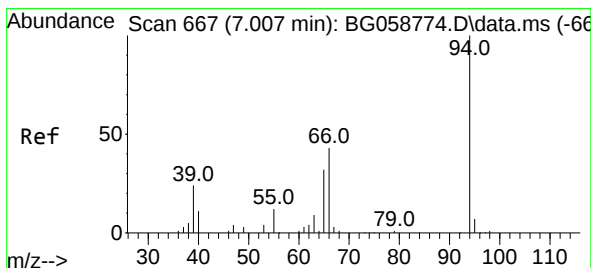
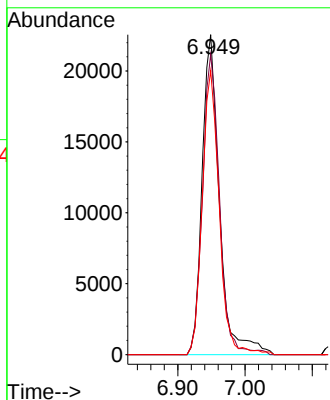
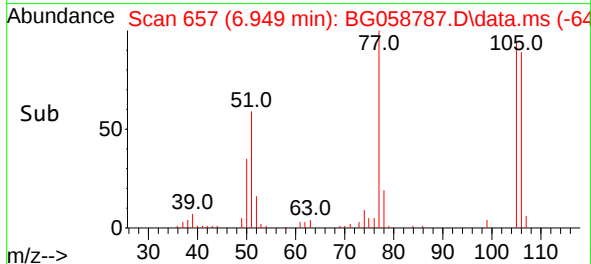


Tgt Ion: 77 Resp: 40235
Ion Ratio Lower Upper
77 100
105 93.8 76.7 116.7
106 88.7 73.4 113.4

Manual Integrations

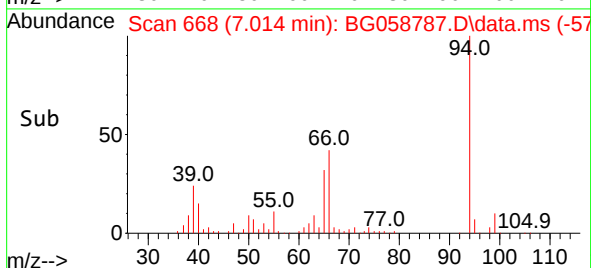
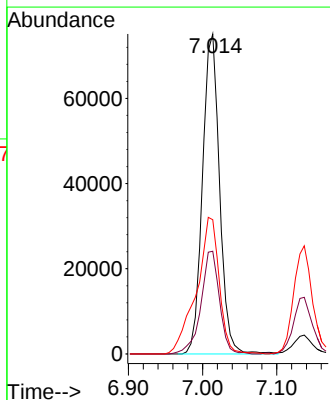
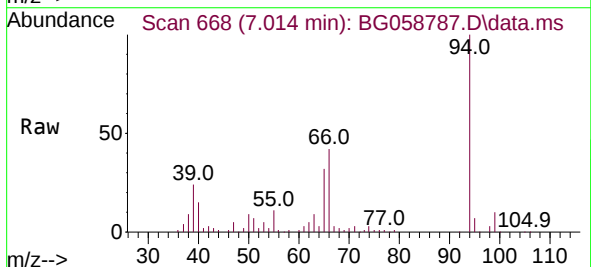
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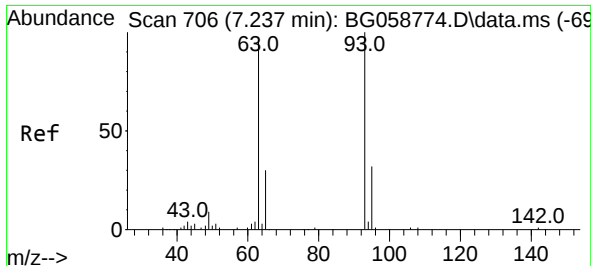
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#10
Phenol
Concen: 65.770 ng
RT: 7.014 min Scan# 668
Delta R.T. 0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion: 94 Resp: 120056
Ion Ratio Lower Upper
94 100
65 32.1 12.6 52.6
66 41.9 26.6 66.6





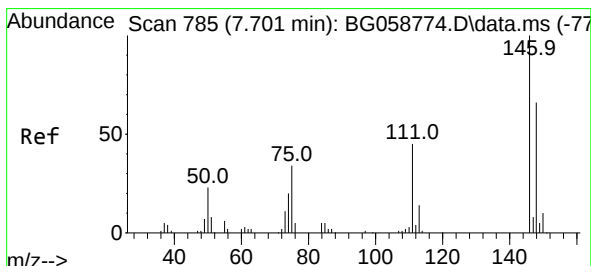
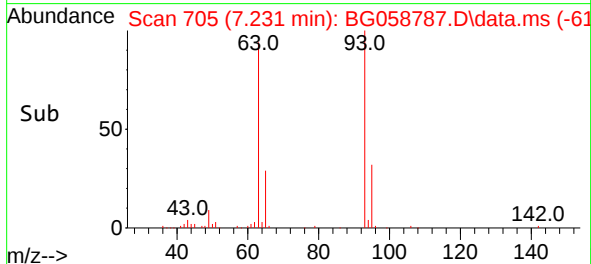
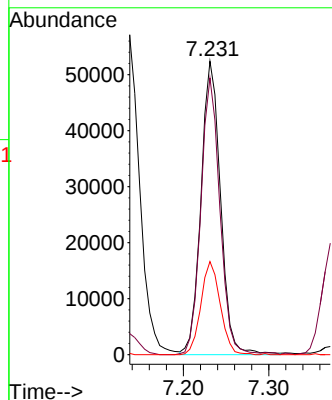
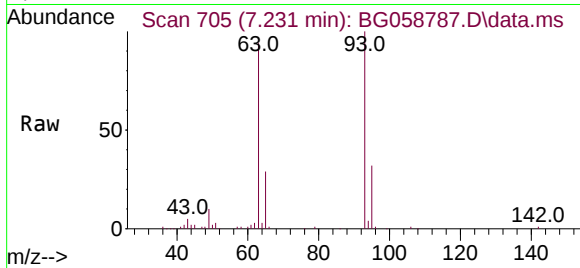
#11
bis(2-Chloroethyl)ether
Concen: 58.662 ng
RT: 7.231 min Scan# 706
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :
BNA_G
ClientSampleId :
PB154945BS

Tgt Ion: 93 Resp: 83558
Ion Ratio Lower Upper
93 100
63 94.4 74.8 114.8
95 31.7 12.1 52.1

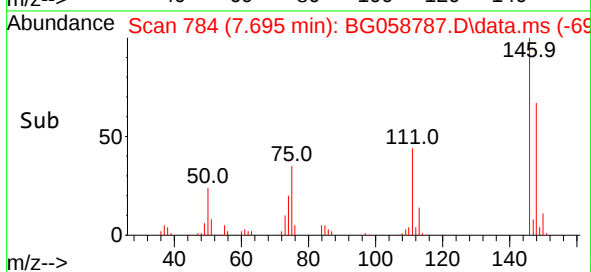
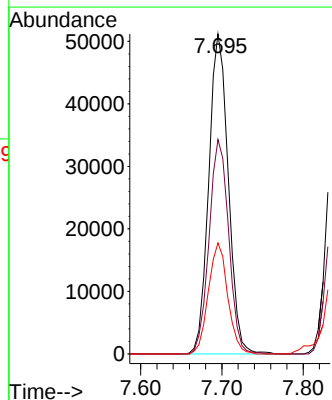
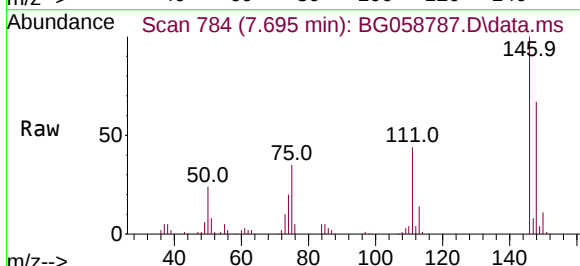
Manual Integrations
APPROVED

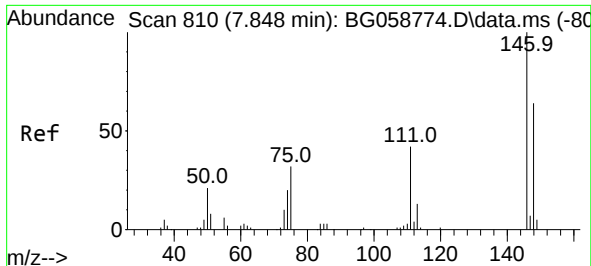
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
1,3-Dichlorobenzene
Concen: 58.953 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:146 Resp: 85428
Ion Ratio Lower Upper
146 100
148 67.0 52.4 78.6
75 34.7 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 60.071 ng

RT: 7.842 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

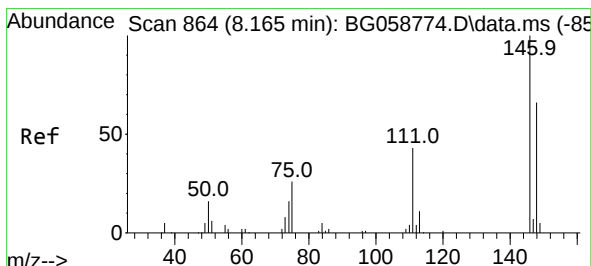
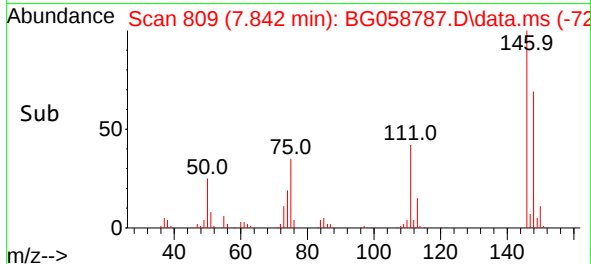
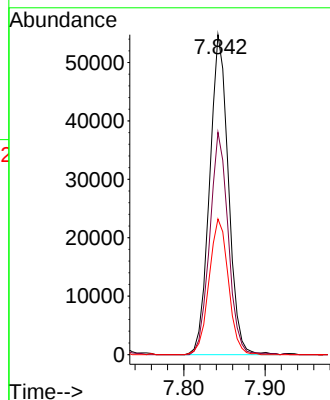
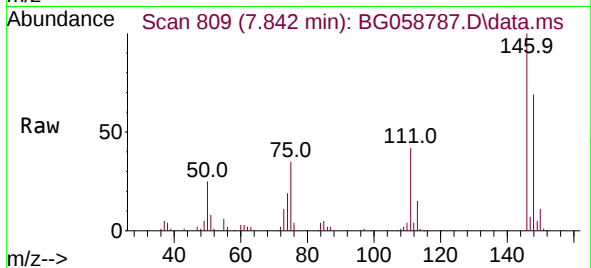
PB154945BS

Tgt Ion:146 Resp: 88026
 Ion Ratio Lower Upper
 146 100
 148 69.5 51.3 76.9
 111 42.4 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: 60.647 ng

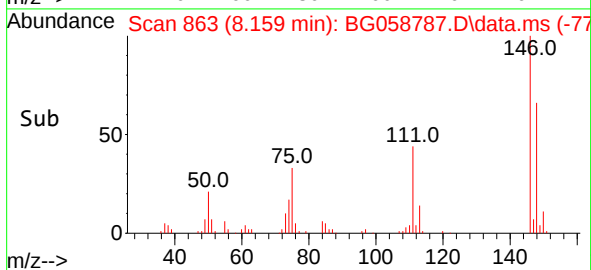
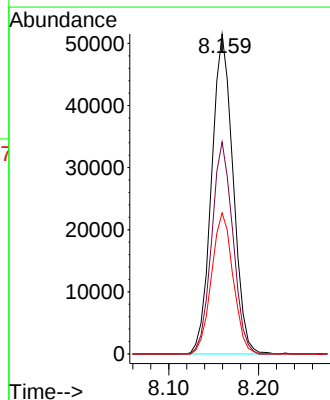
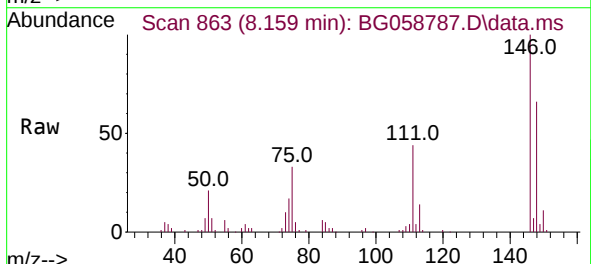
RT: 8.159 min Scan# 863

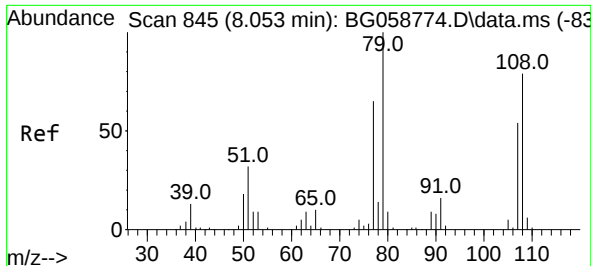
Delta R.T. -0.006 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

Tgt Ion:146 Resp: 85895
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.9 79.3
 111 44.1 35.5 53.3





#15
Benzyl Alcohol
Concen: 63.198 ng
RT: 8.054 min Scan# 845
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

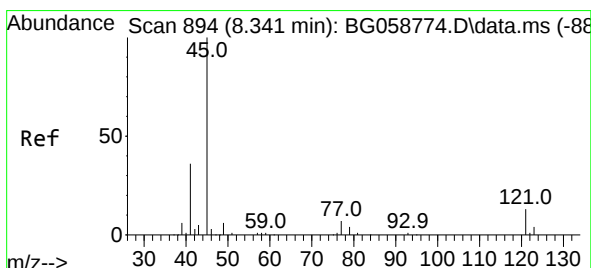
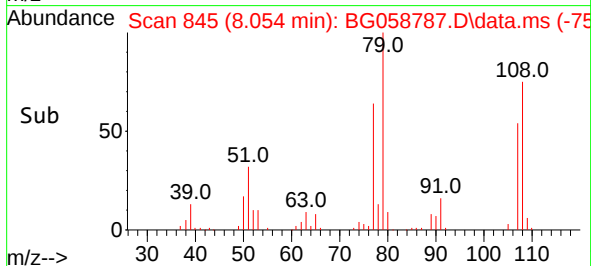
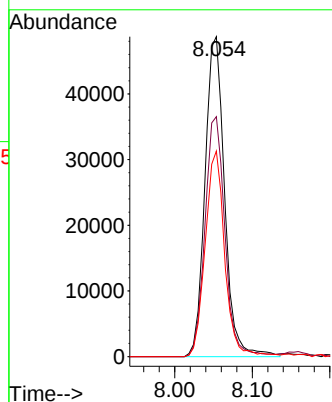
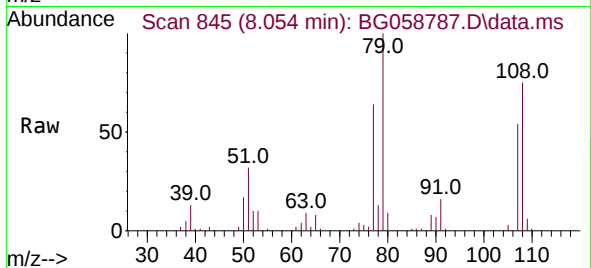
ClientSampleId :

PB154945BS

Tgt Ion: 79 Resp: 8553
Ion Ratio Lower Upper
79 100
108 75.0 63.4 95.0
77 64.2 52.2 78.2

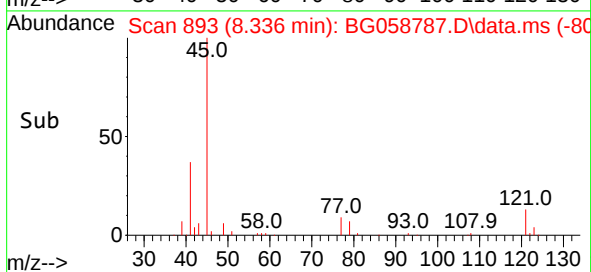
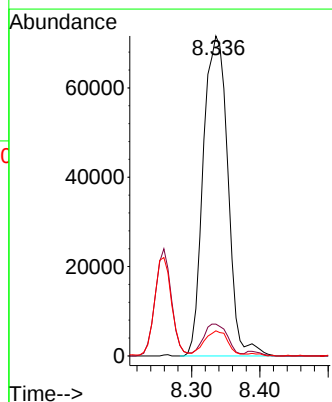
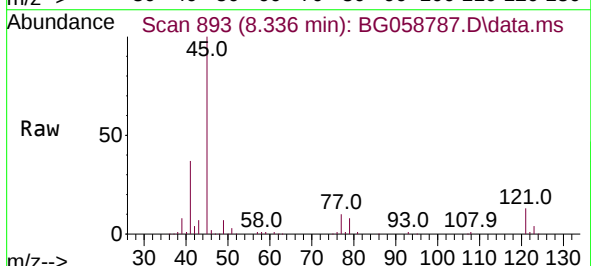
Manual Integrations
APPROVED

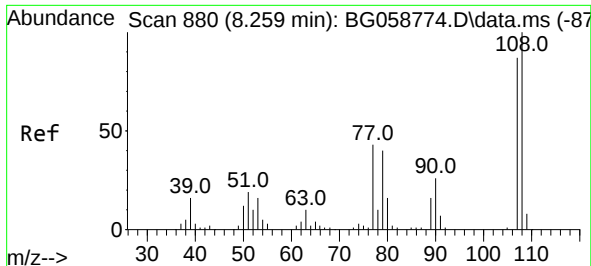
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.926 ng
RT: 8.336 min Scan# 893
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion: 45 Resp: 178870
Ion Ratio Lower Upper
45 100
77 9.9 0.0 30.3
79 7.8 0.0 27.7





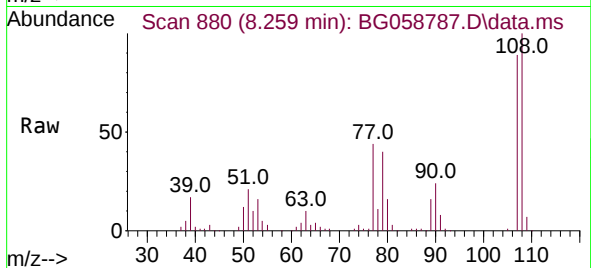
#17
2-Methylphenol
Concen: 60.370 ng
RT: 8.259 min Scan# 880
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

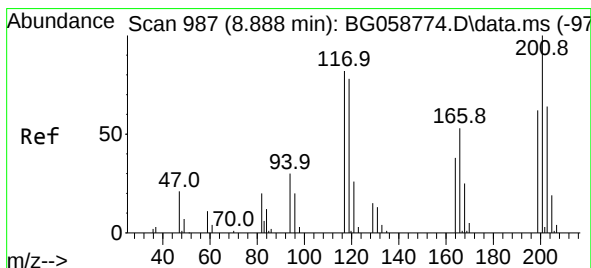
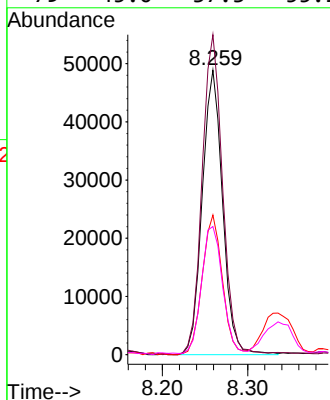
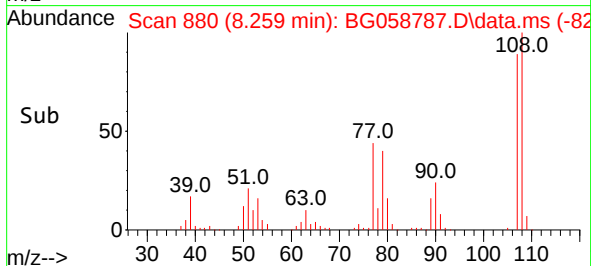


Tgt Ion:107 Resp: 80939
Ion Ratio Lower Upper
107 100
108 112.5 92.2 138.2
77 49.1 40.0 60.0
79 45.0 37.3 55.9

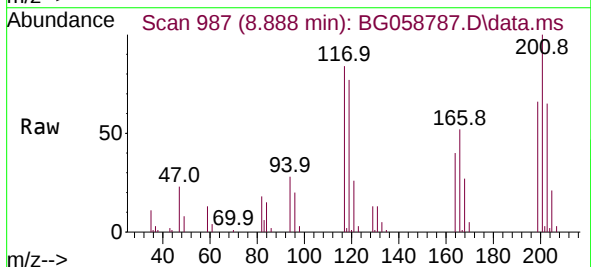
Manual Integrations

APPROVED

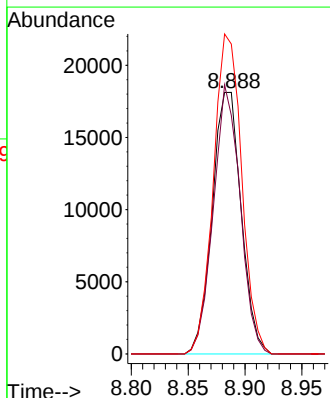
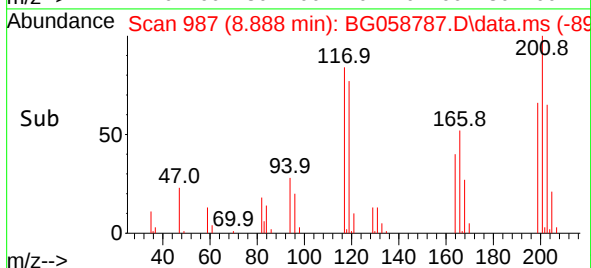
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

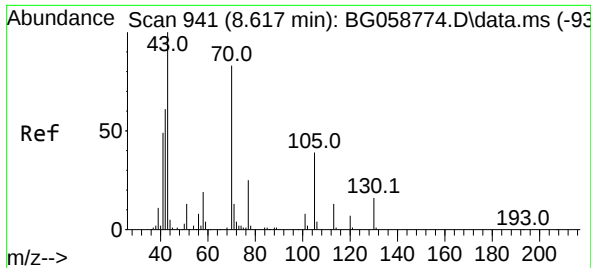


#18
Hexachloroethane
Concen: 60.077 ng
RT: 8.888 min Scan# 987
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:117 Resp: 32075
Ion Ratio Lower Upper
117 100
119 91.2 76.6 115.0
201 118.5 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 56.891 ng
RT: 8.618 min Scan# 941
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

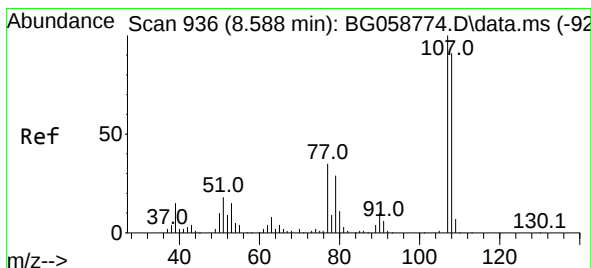
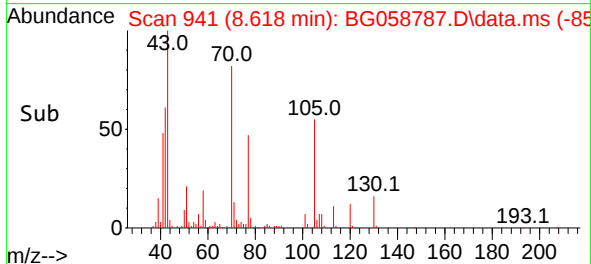
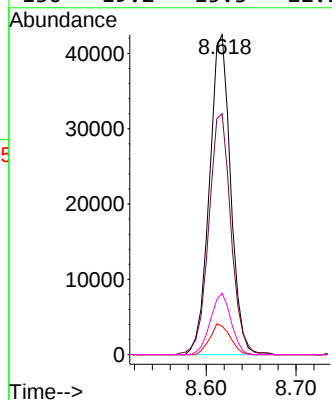
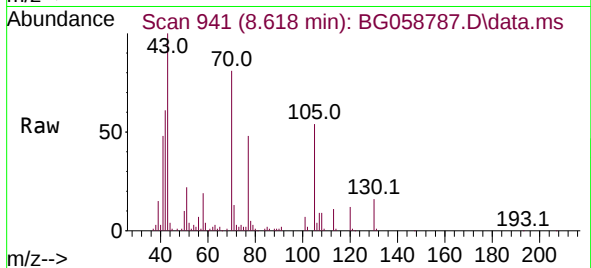
PB154945BS

Tgt Ion: 70 Resp: 69616
Ion Ratio Lower Upper
70 100
42 75.3 59.2 88.8
101 8.9 8.2 12.2
130 19.2 15.3 22.9

Manual Integrations

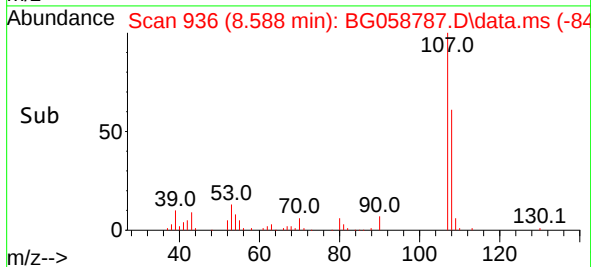
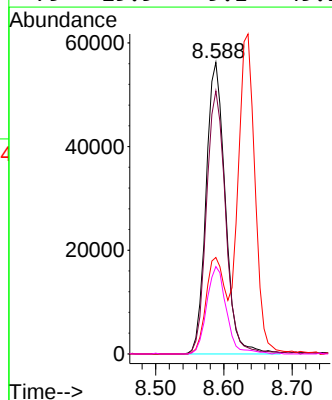
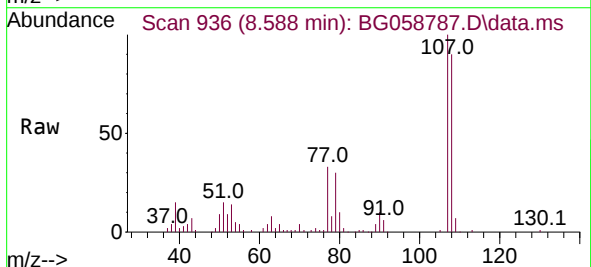
APPROVED

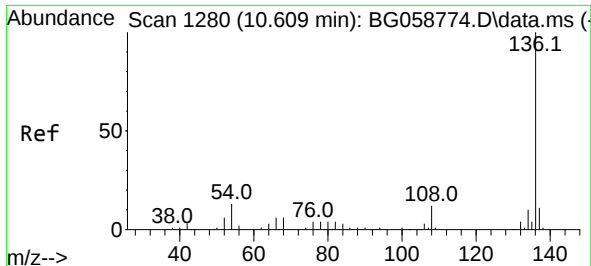
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#20
3+4-Methylphenols
Concen: 61.050 ng
RT: 8.588 min Scan# 936
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:107 Resp: 110043
Ion Ratio Lower Upper
107 100
108 90.2 70.6 110.6
77 33.1 14.8 54.8
79 29.9 9.1 49.1





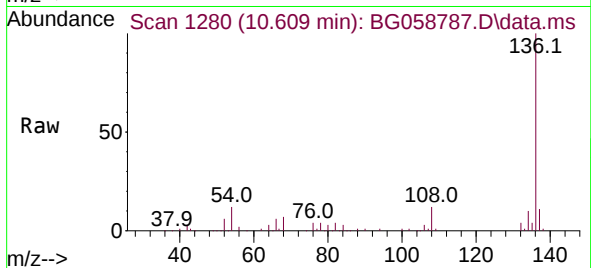
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

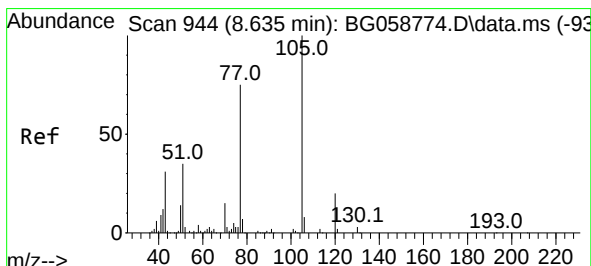
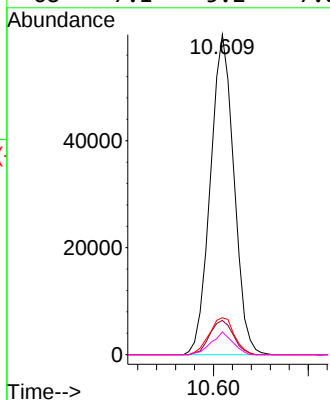
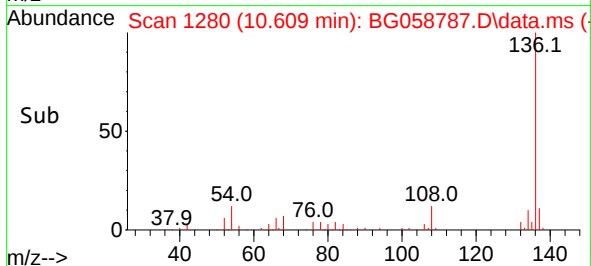


Tgt Ion:136 Resp: 103272
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 11.6 10.1 15.1
68 7.1 5.2 7.8

Manual Integrations

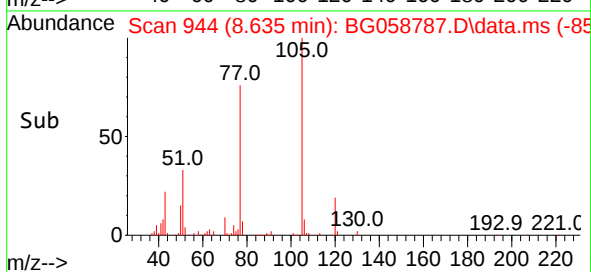
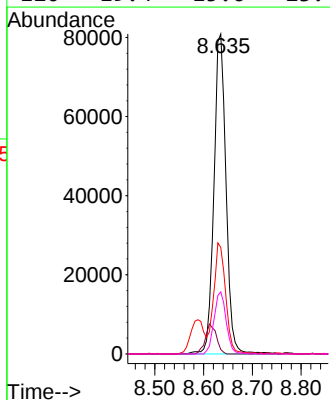
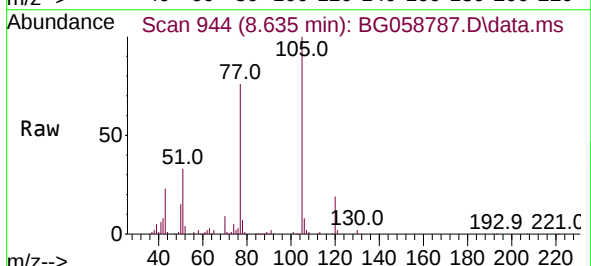
APPROVED

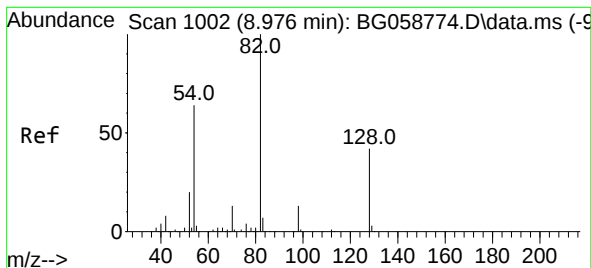
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#22
Acetophenone
Concen: 50.058 ng
RT: 8.635 min Scan# 944
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:105 Resp: 139939
Ion Ratio Lower Upper
105 100
71 1.4 2.2 3.2#
51 33.3 28.5 42.7
120 19.4 15.6 23.4





#23

Nitrobenzene-d5

Concen: 93.431 ng

RT: 8.976 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BG058787.D

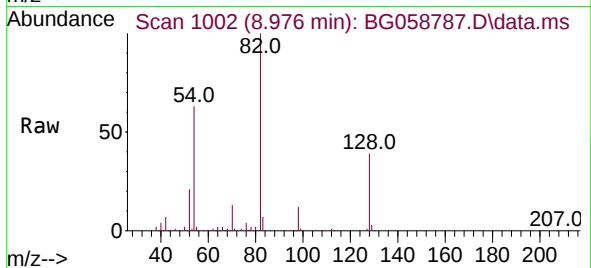
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS



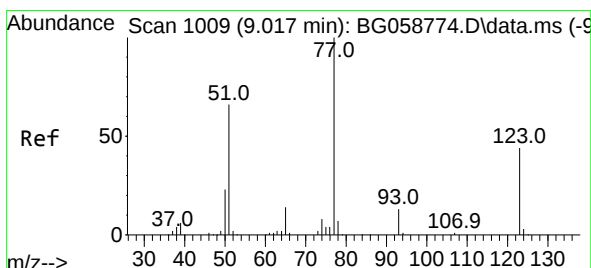
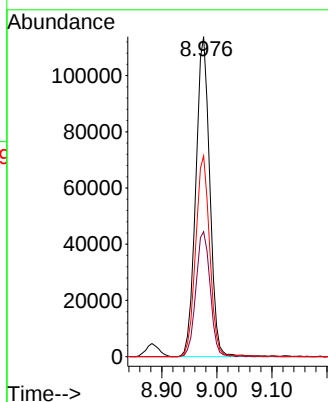
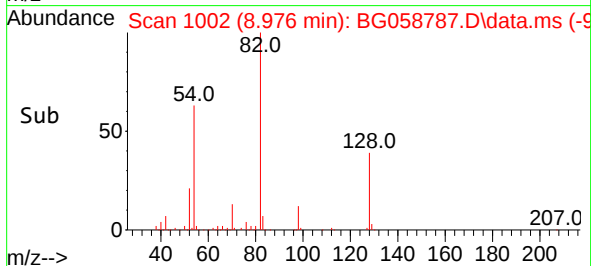
Tgt Ion:	82	Resp:	200693
Ion Ratio	Lower	Upper	
82	100		
128	39.0	33.2	49.8
54	62.7	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#24

Nitrobenzene

Concen: 48.545 ng

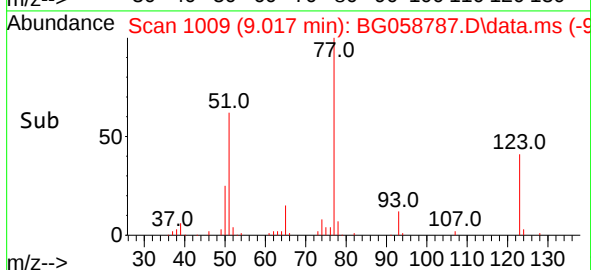
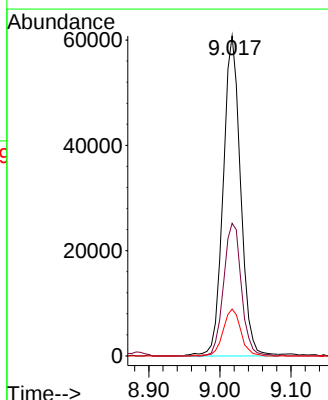
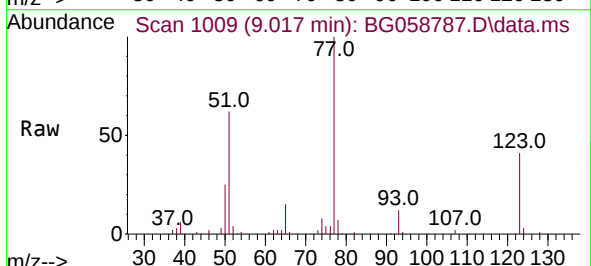
RT: 9.017 min Scan# 1009

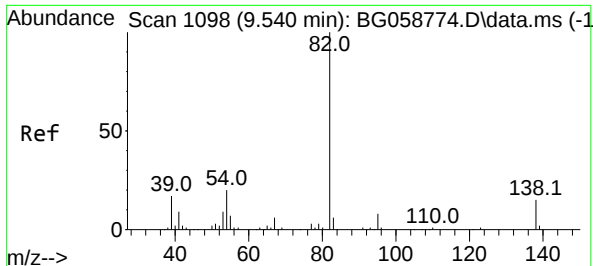
Delta R.T. 0.000 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

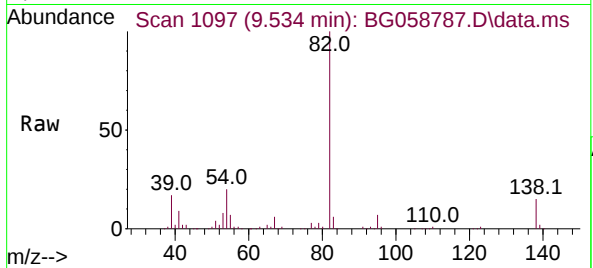
Tgt Ion:	77	Resp:	103712
Ion Ratio	Lower	Upper	
77	100		
123	41.4	34.9	52.3
65	14.6	10.9	16.3





#25
Isophorone
Concen: 47.530 ng
RT: 9.534 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

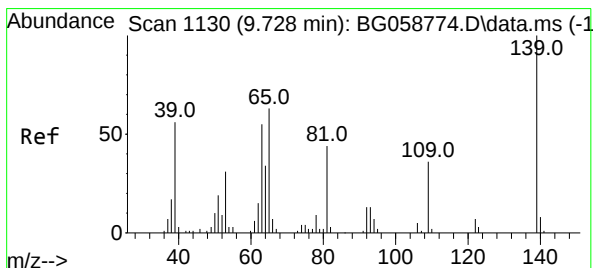
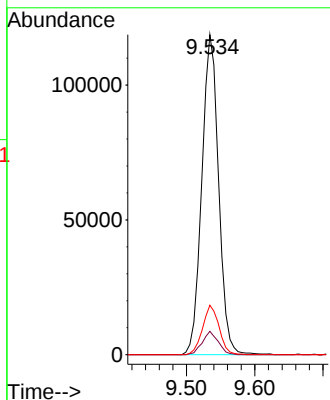
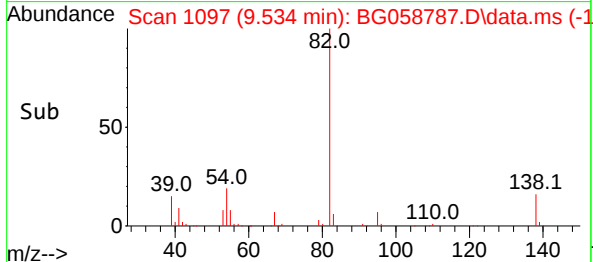
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion: 82 Resp: 203033
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 15.4 12.2 18.4

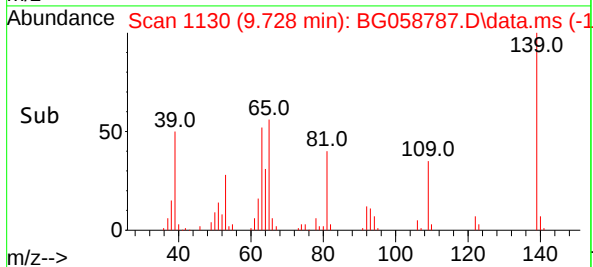
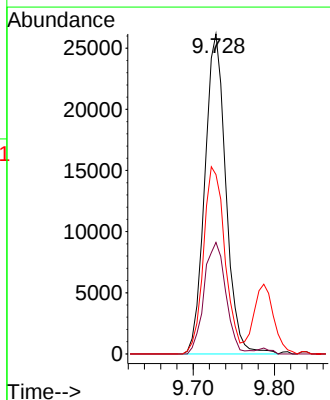
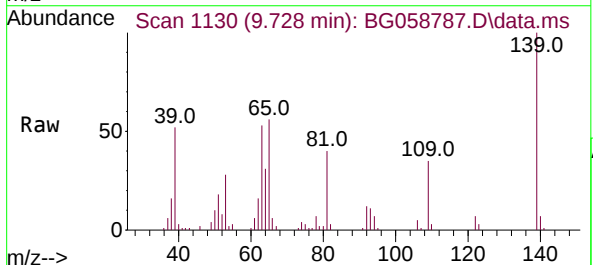
Manual Integrations
APPROVED

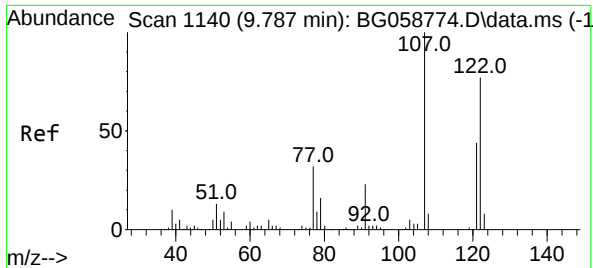
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#26
2-Nitrophenol
Concen: 52.774 ng
RT: 9.728 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:139 Resp: 47154
Ion Ratio Lower Upper
139 100
109 34.8 28.7 43.1
65 56.0 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 51.737 ng
RT: 9.787 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

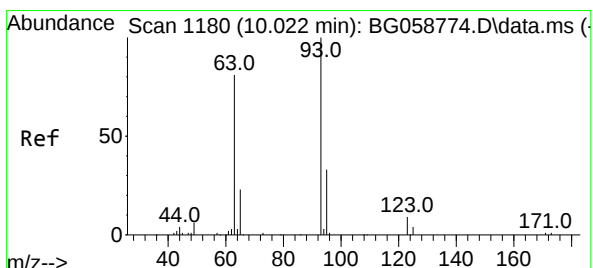
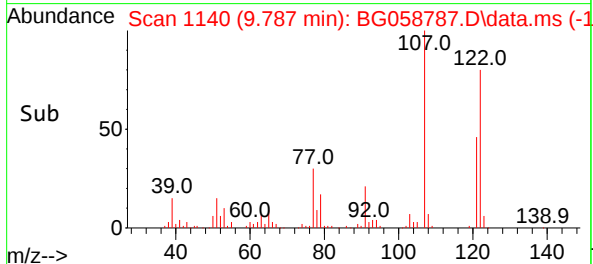
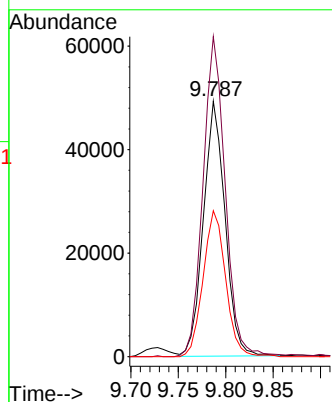
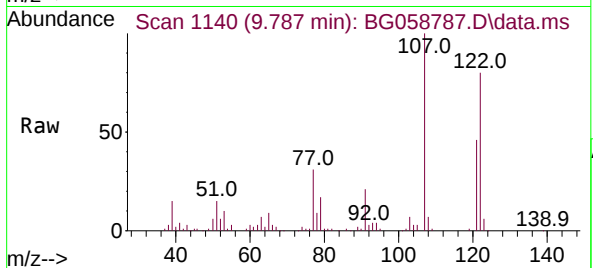
PB154945BS

Tgt Ion:122 Resp: 78346
Ion Ratio Lower Upper
122 100
107 125.3 102.6 154.0
121 57.1 45.0 67.4

Manual Integrations

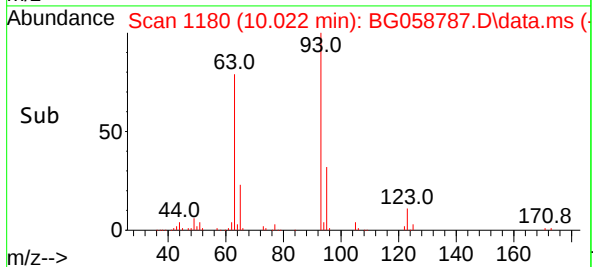
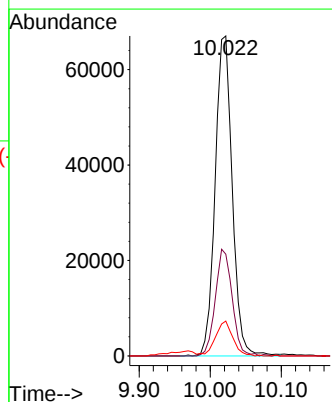
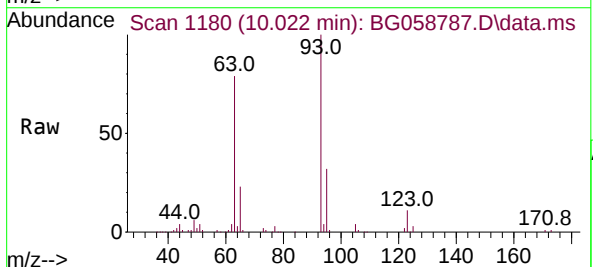
APPROVED

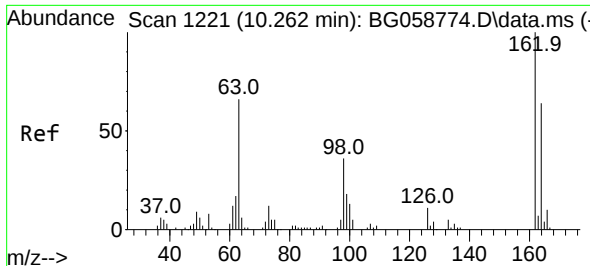
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.649 ng
RT: 10.022 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion: 93 Resp: 112341
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.4
123 10.9 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 55.440 ng

RT: 10.263 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BG058787.D

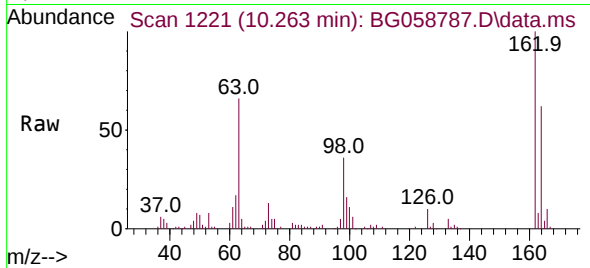
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS



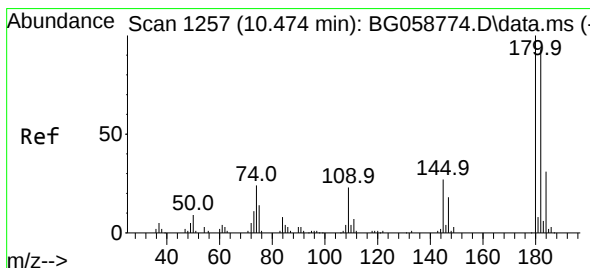
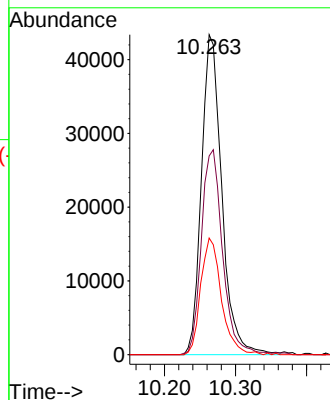
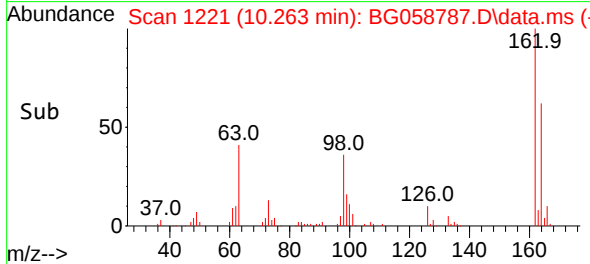
Tgt Ion:	162	Resp:	86268
Ion Ratio	Lower	Upper	
162	100		
164	62.1	44.4	84.4
98	36.4	16.1	56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.143 ng

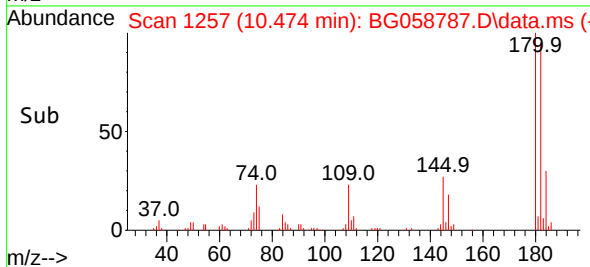
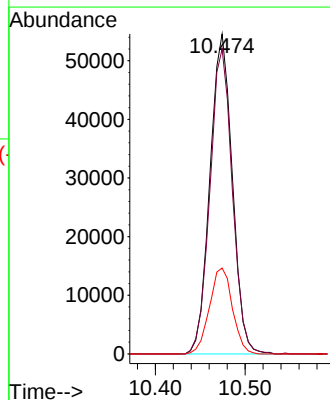
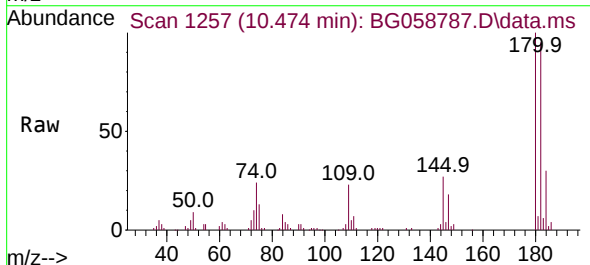
RT: 10.474 min Scan# 1257

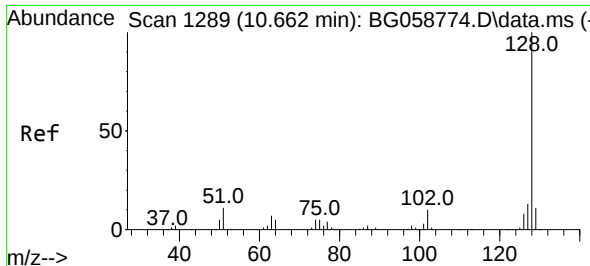
Delta R.T. 0.000 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

Tgt Ion:	180	Resp:	94221
Ion Ratio	Lower	Upper	
180	100		
182	95.2	74.6	112.0
145	26.8	21.4	32.0





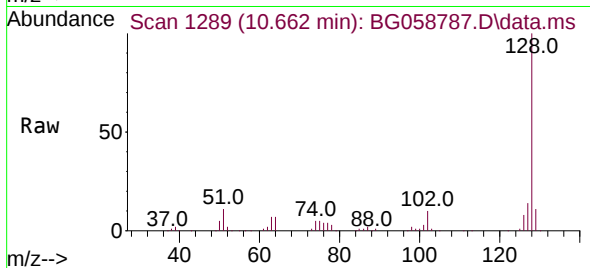
#31
Naphthalene
Concen: 48.478 ng
RT: 10.662 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

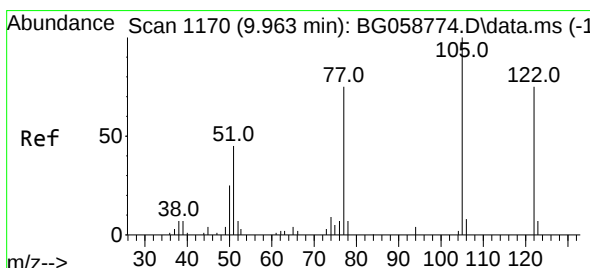
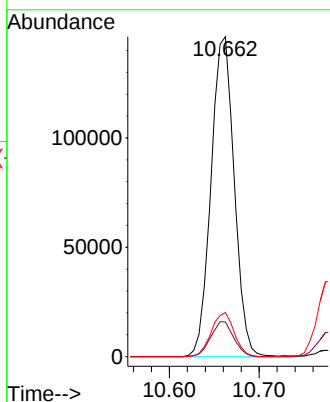
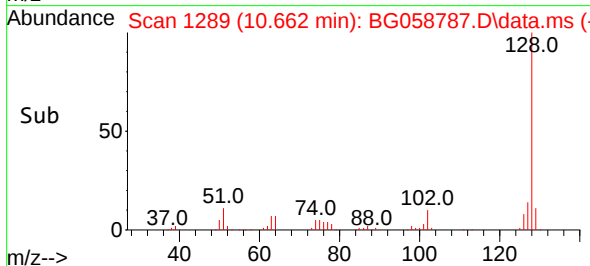


Tgt Ion:128 Resp: 262868
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.8 10.6 15.8

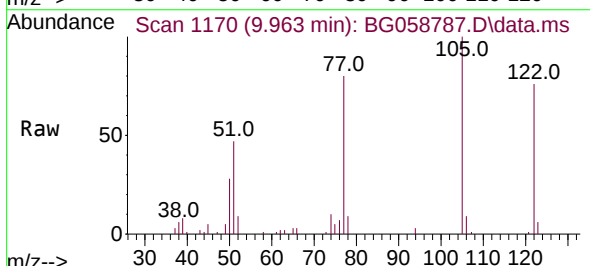
Manual Integrations

APPROVED

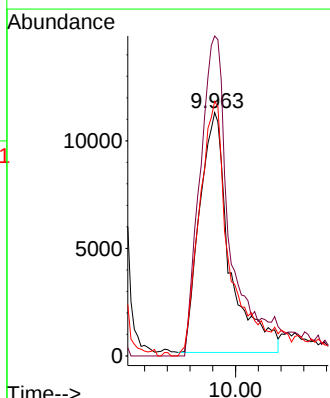
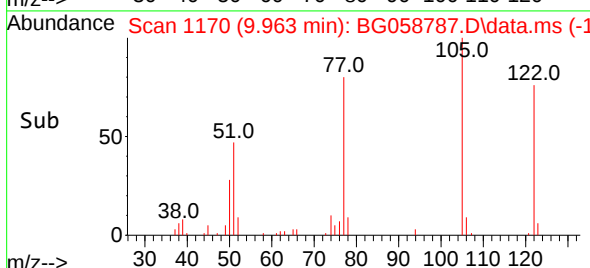
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

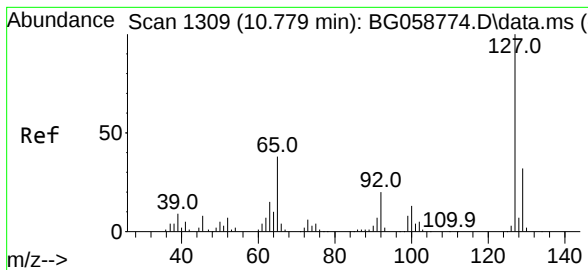


#32
Benzoic acid
Concen: 44.659 ng
RT: 9.963 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:122 Resp: 41025
Ion Ratio Lower Upper
122 100
105 131.5 113.6 153.6
77 104.6 79.7 119.7





#33
4-Chloroaniline
Concen: 31.205 ng
RT: 10.774 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

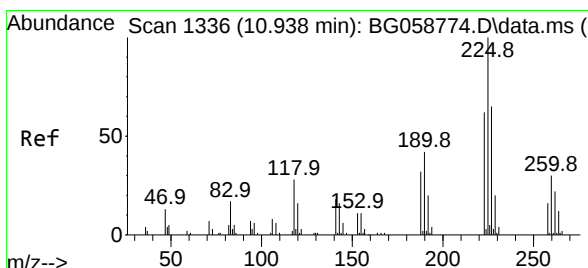
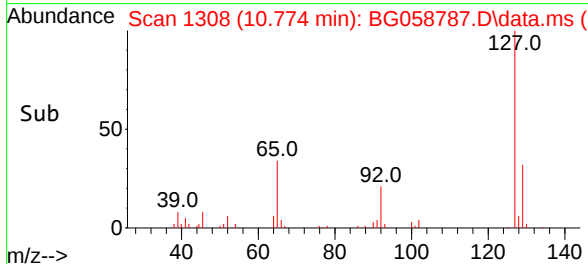
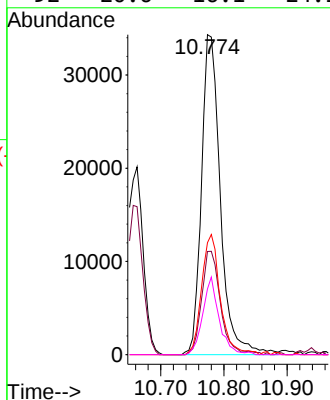
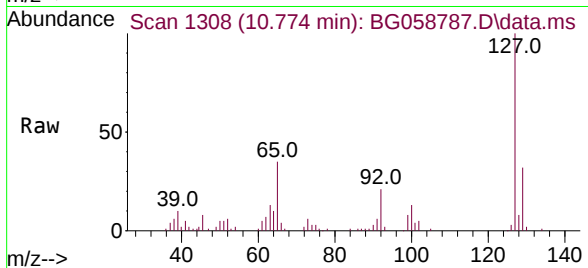
PB154945BS

Tgt Ion:127 Resp: 71362
Ion Ratio Lower Upper
127 100
129 32.2 25.2 37.8
65 35.0 30.5 45.7
92 20.6 16.1 24.1

Manual Integrations

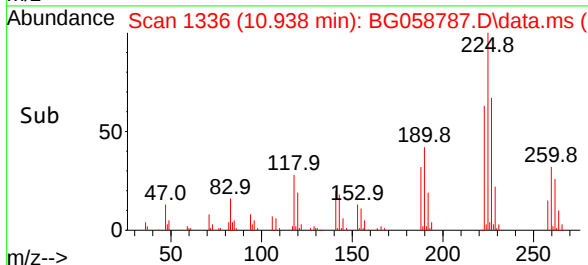
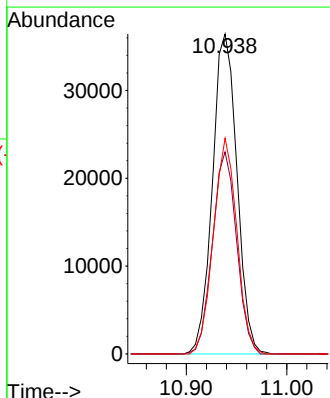
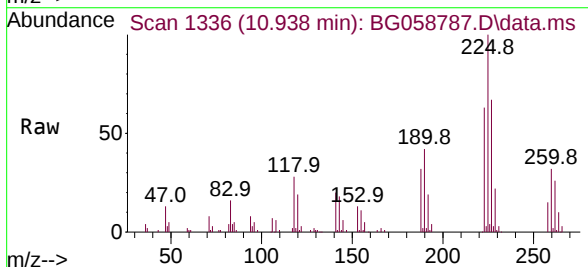
APPROVED

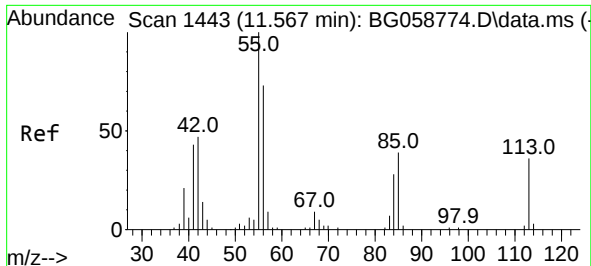
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#34
Hexachlorobutadiene
Concen: 48.850 ng
RT: 10.938 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:225 Resp: 61951
Ion Ratio Lower Upper
225 100
223 63.1 49.9 74.9
227 67.4 51.6 77.4





#35
Caprolactam
Concen: 51.222 ng m
RT: 11.555 min Scan# 14
Delta R.T. -0.011 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

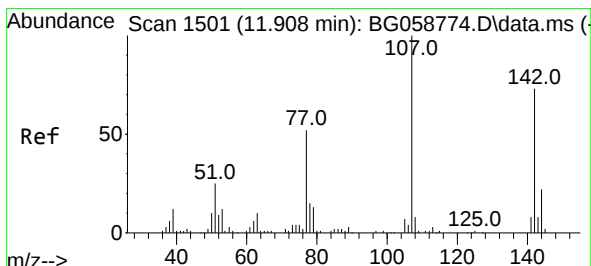
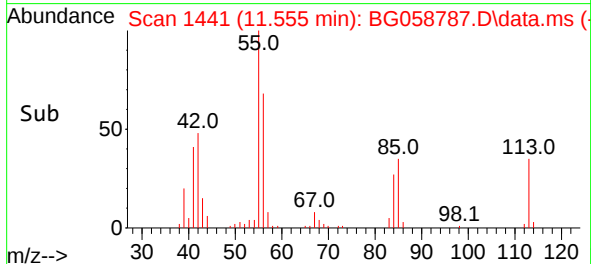
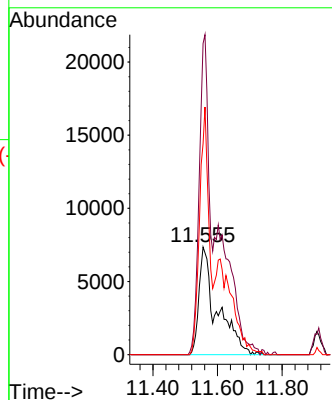
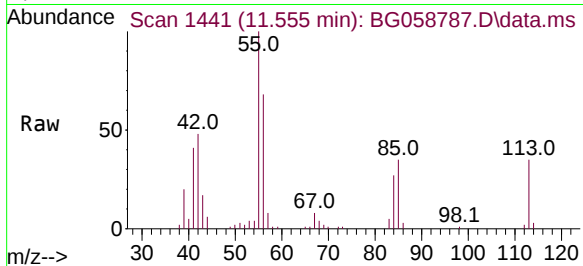
PB154945BS

Tgt Ion:113 Resp: 2856
Ion Ratio Lower Upper
113 100
55 289.1 256.3 296.3
56 196.1 180.4 220.4

Manual Integrations

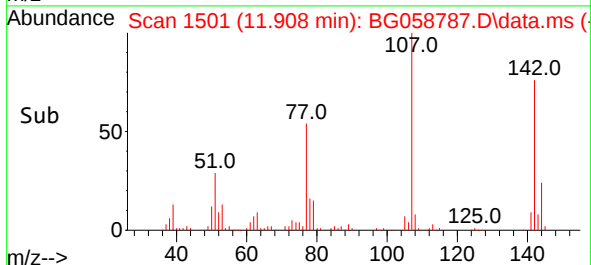
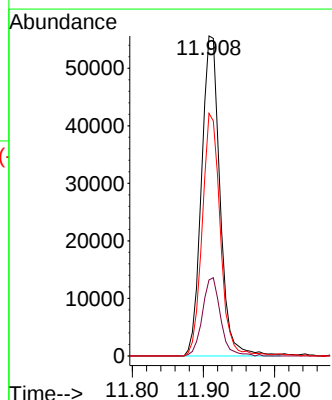
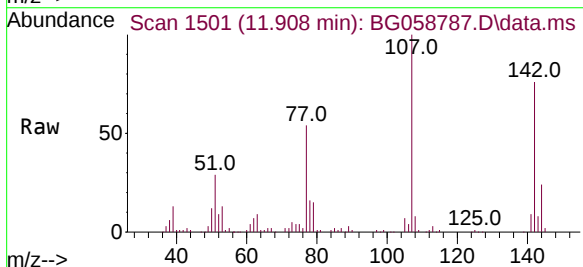
APPROVED

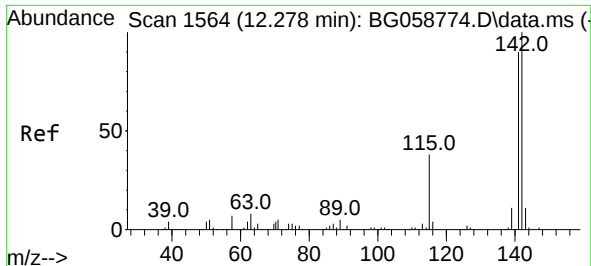
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#36
4-Chloro-3-methylphenol
Concen: 51.737 ng
RT: 11.908 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:107 Resp: 100117
Ion Ratio Lower Upper
107 100
144 23.8 17.9 26.9
142 75.8 58.5 87.7





#37

2-Methylnaphthalene

Concen: 47.001 ng

RT: 12.272 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

Tgt Ion:142 Resp: 183046

Ion Ratio Lower Upper

142 100

141 90.1 71.8 107.8

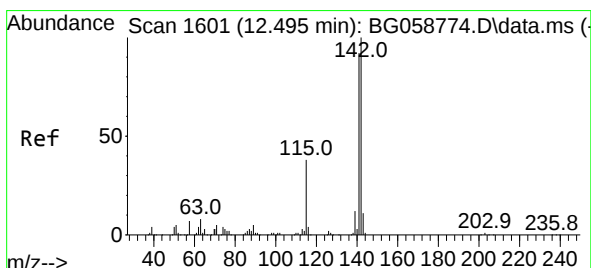
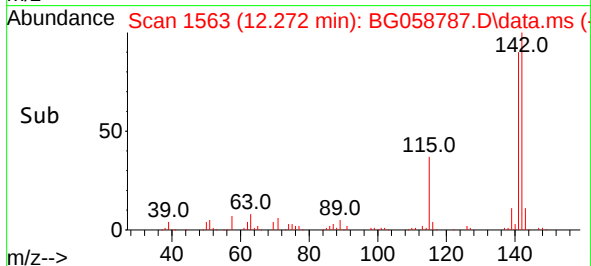
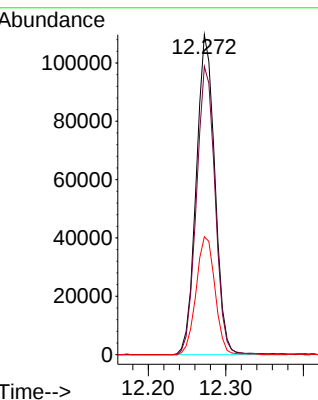
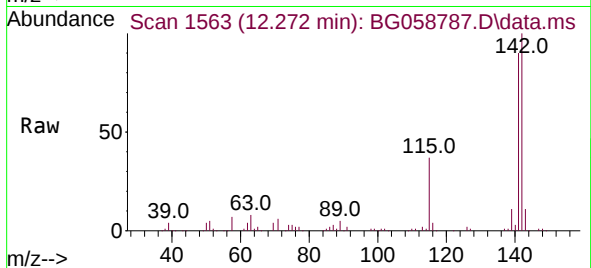
115 36.8 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#38

1-Methylnaphthalene

Concen: 48.047 ng

RT: 12.495 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

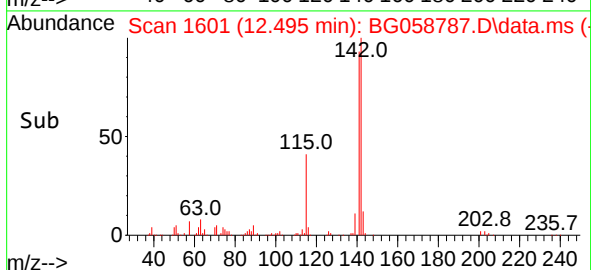
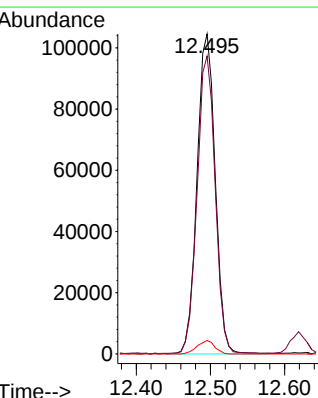
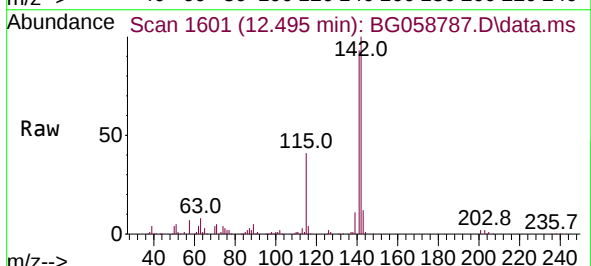
Tgt Ion:142 Resp: 177623

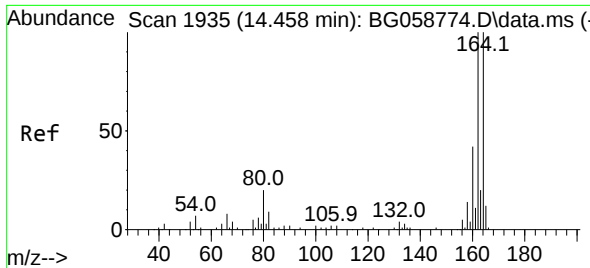
Ion Ratio Lower Upper

142 100

141 93.1 73.9 110.9

116 4.2 3.2 4.8





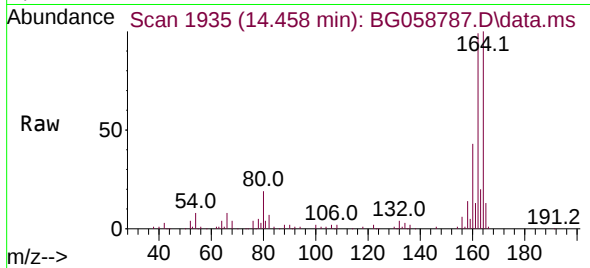
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

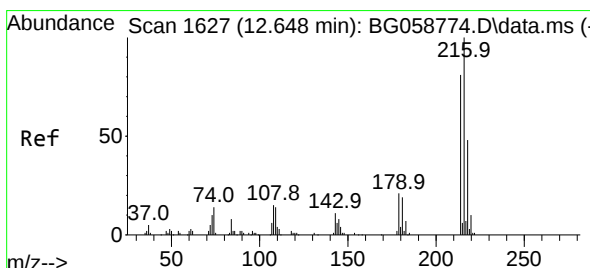
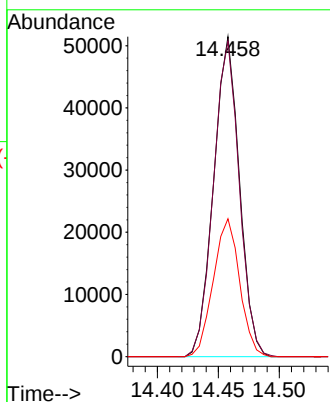
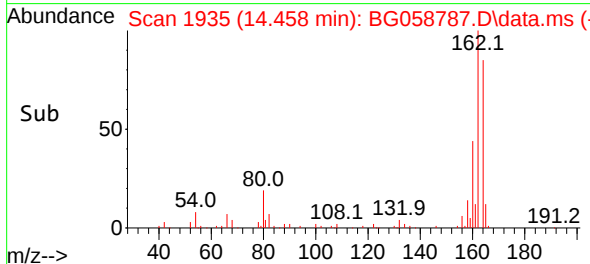


Tgt Ion:164 Resp: 75648
Ion Ratio Lower Upper
164 100
162 98.5 79.6 119.4
160 43.1 34.0 51.0

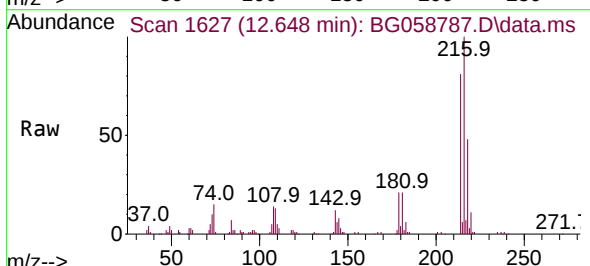
Manual Integrations

APPROVED

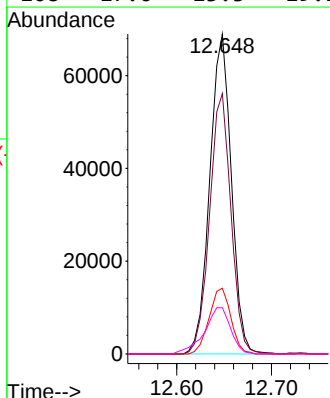
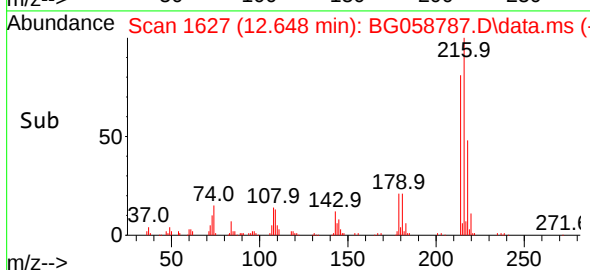
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

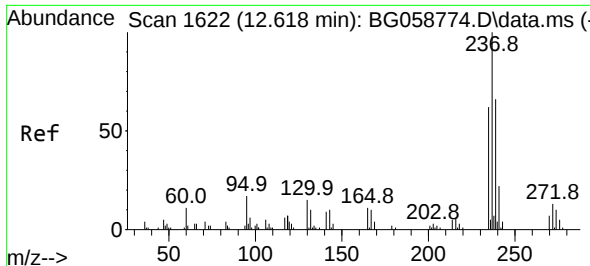


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.694 ng
RT: 12.648 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



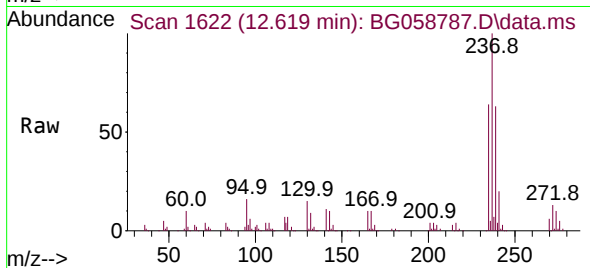
Tgt Ion:216 Resp: 108896
Ion Ratio Lower Upper
216 100
214 80.6 64.0 96.0
179 20.7 16.2 24.4
108 17.6 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 105.986 ng
RT: 12.619 min Scan# 1622
Delta R.T. 0.001 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

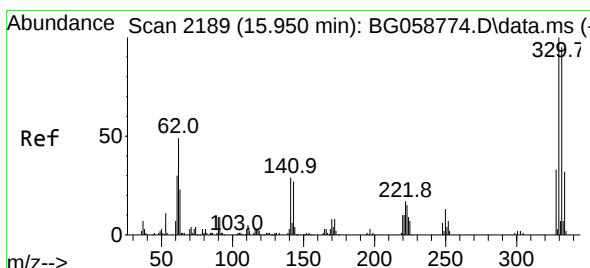
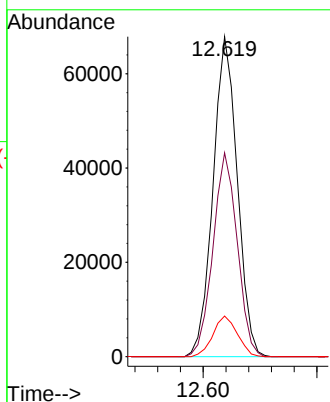
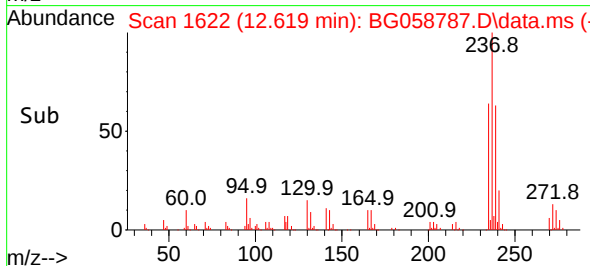
Instrument :
BNA_G
ClientSampleId :
PB154945BS



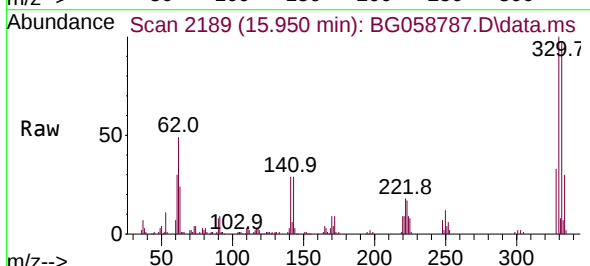
Tgt Ion:237 Resp: 100183
Ion Ratio Lower Upper
237 100
235 63.7 41.5 81.5
272 12.7 0.0 32.5

Manual Integrations
APPROVED

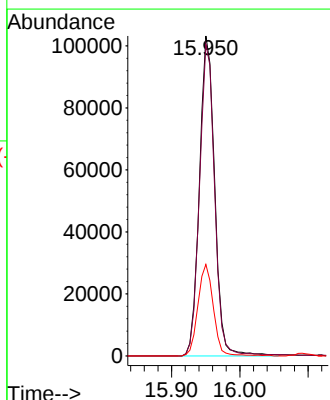
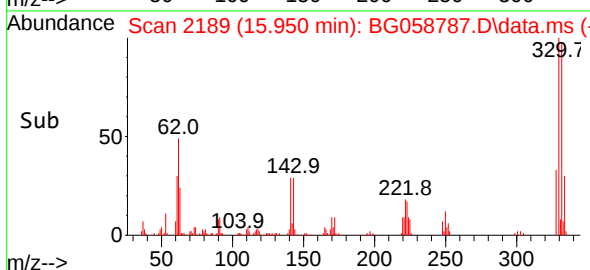
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

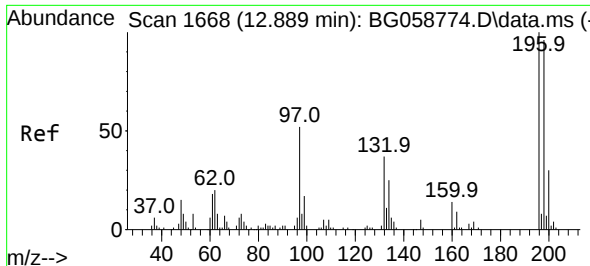


#42
2,4,6-Tribromophenol
Concen: 135.359 ng
RT: 15.950 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:330 Resp: 160555
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 28.6 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 51.201 ng
RT: 12.889 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

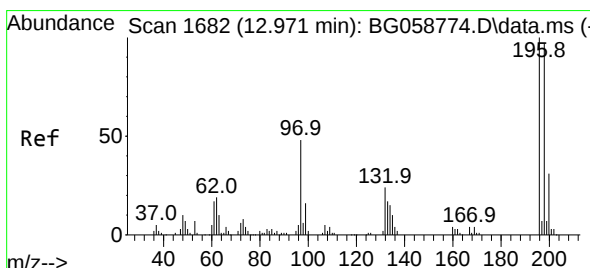
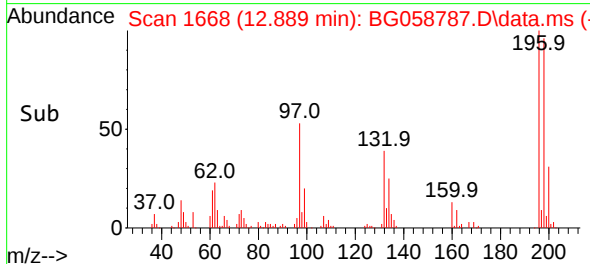
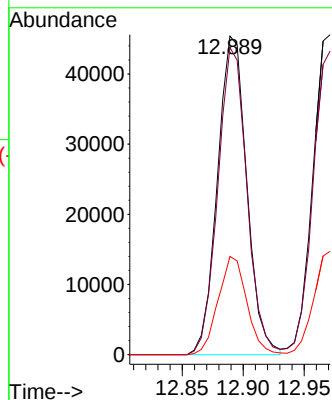
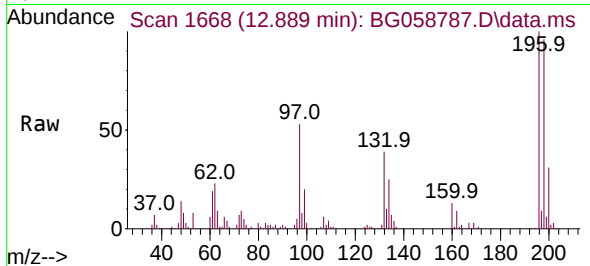
PB154945BS

Tgt Ion:196 Resp: 75979
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.4
200 30.9 23.8 35.6

Manual Integrations

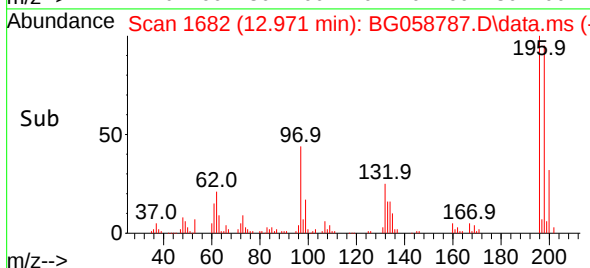
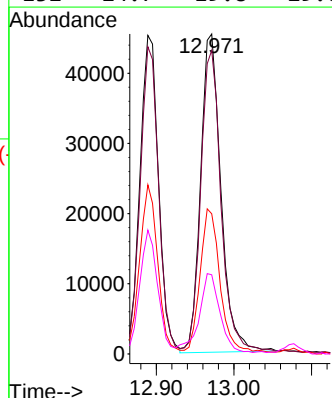
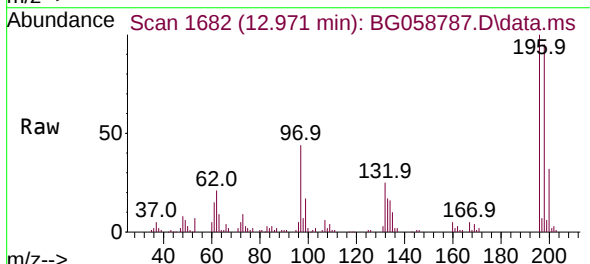
APPROVED

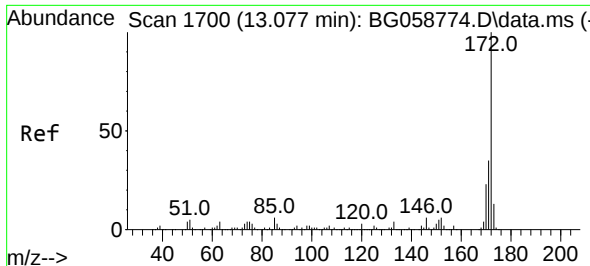
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#44
2,4,5-Trichlorophenol
Concen: 46.527 ng
RT: 12.971 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:196 Resp: 82678
Ion Ratio Lower Upper
196 100
198 94.9 78.0 117.0
97 43.8 38.7 58.1
132 24.7 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 87.866 ng
RT: 13.077 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

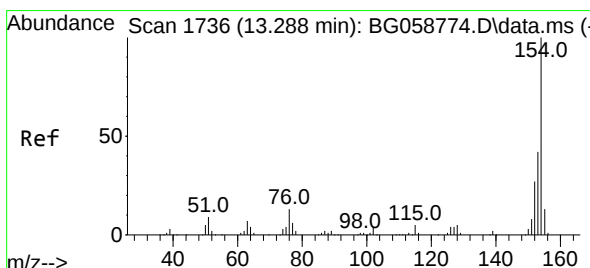
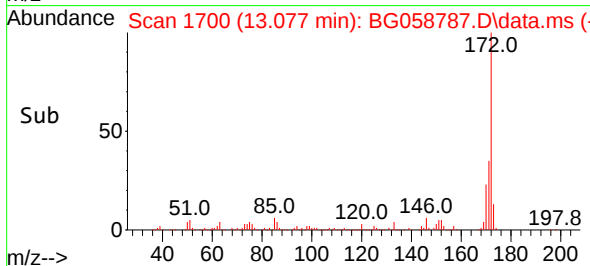
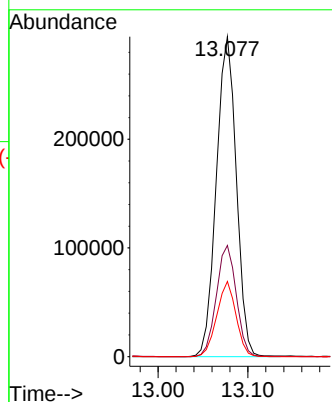
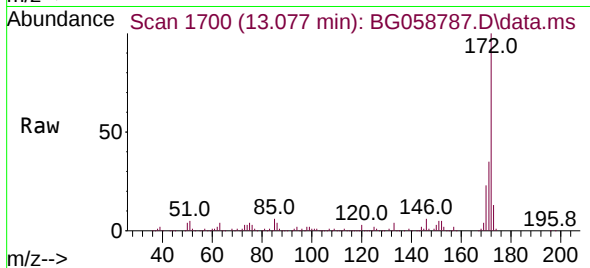
PB154945BS

Tgt Ion:172 Resp: 457003
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.6 27.8

Manual Integrations

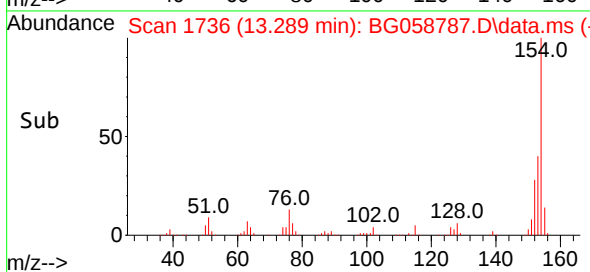
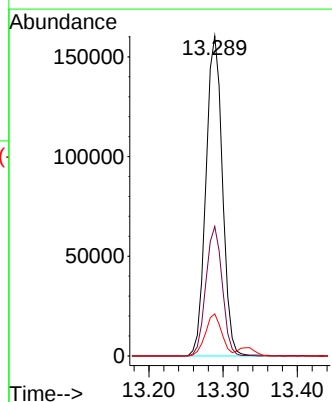
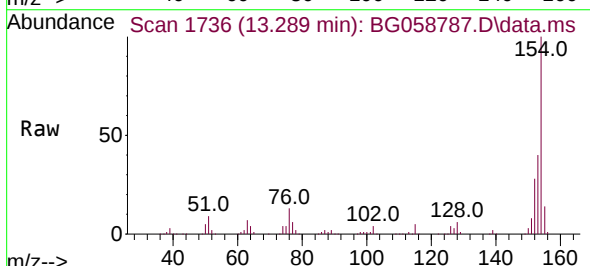
APPROVED

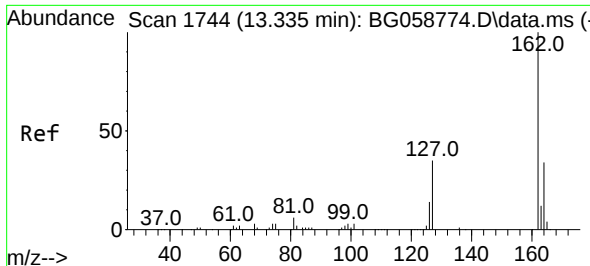
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#46
1,1'-Biphenyl
Concen: 47.348 ng
RT: 13.289 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

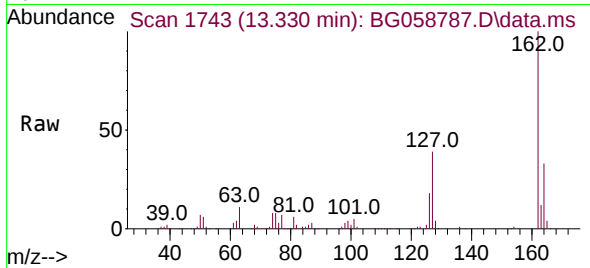
Tgt Ion:154 Resp: 246741
Ion Ratio Lower Upper
154 100
153 40.4 21.7 61.7
76 13.1 0.0 33.2





#47
2-Chloronaphthalene
Concen: 48.984 ng
RT: 13.330 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

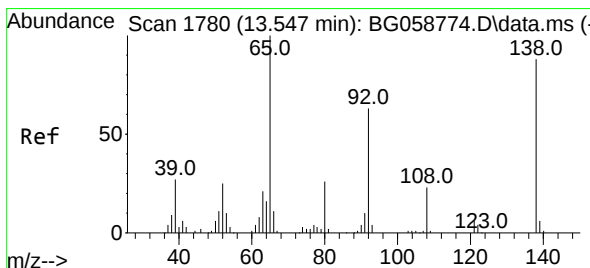
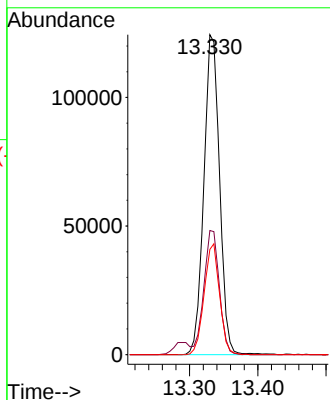
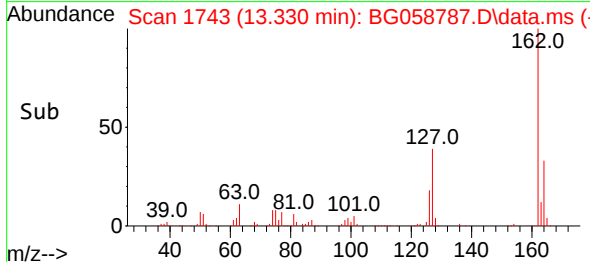
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:162 Resp: 198930
Ion Ratio Lower Upper
162 100
127 38.8 31.5 47.3
164 32.9 27.3 40.9

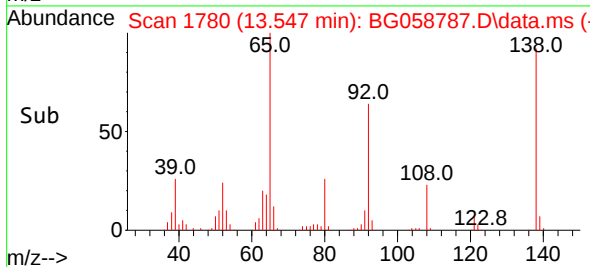
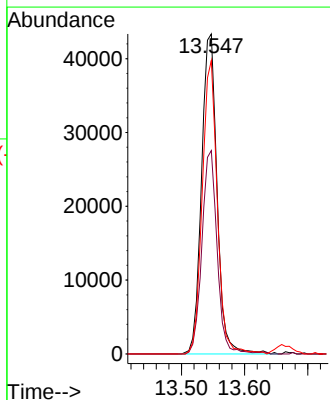
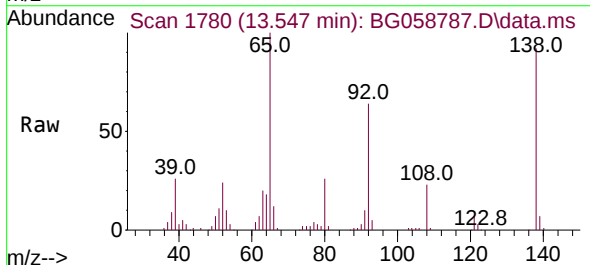
Manual Integrations
APPROVED

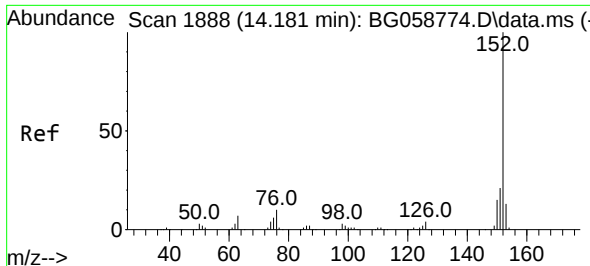
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#48
2-Nitroaniline
Concen: 47.944 ng
RT: 13.547 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion: 65 Resp: 73948
Ion Ratio Lower Upper
65 100
92 63.5 50.7 76.1
138 91.7 70.7 106.1





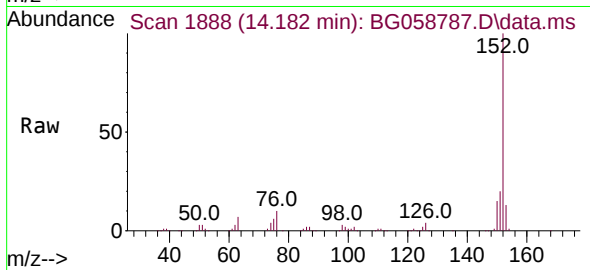
#49
Acenaphthylene
Concen: 48.046 ng
RT: 14.182 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

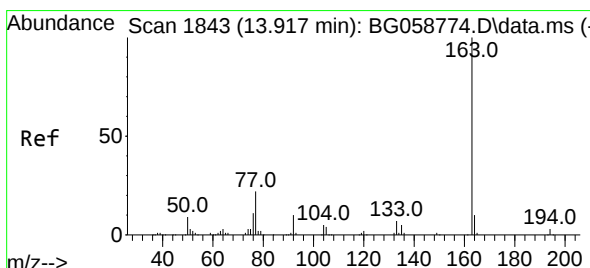
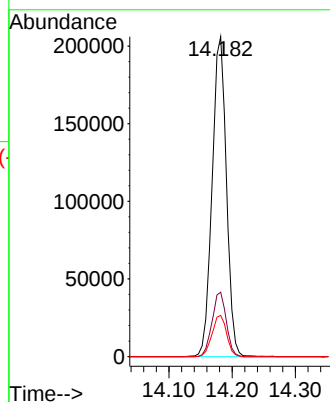
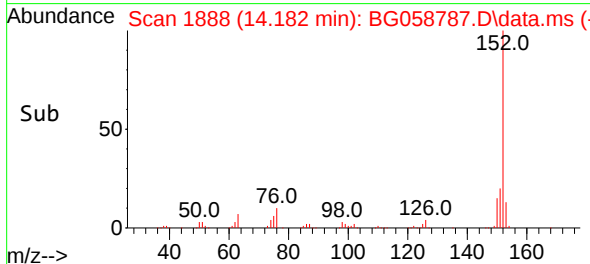


Tgt Ion:152 Resp: 323580
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 12.9 10.7 16.1

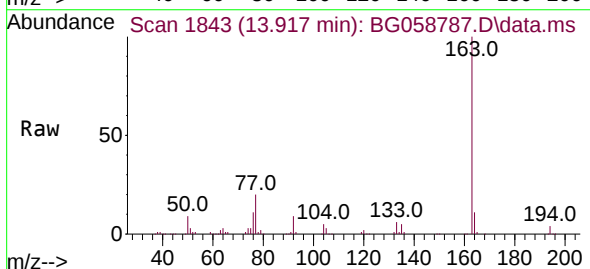
Manual Integrations

APPROVED

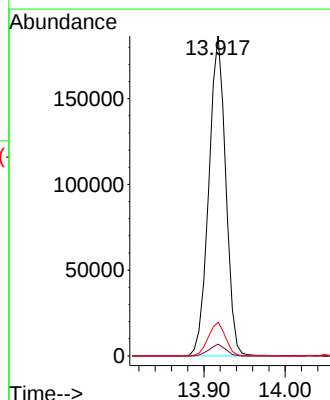
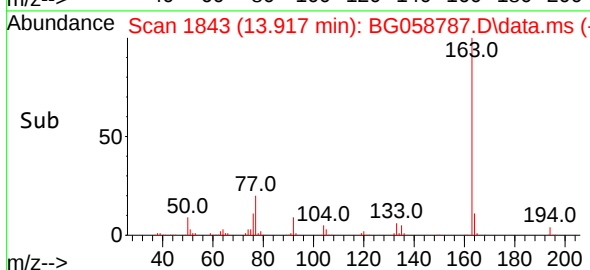
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

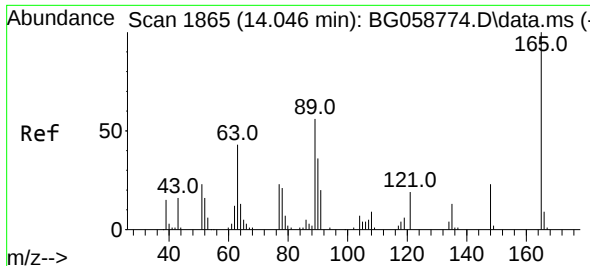


#50
Dimethylphthalate
Concen: 46.066 ng
RT: 13.917 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:163 Resp: 269821
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.293 ng
RT: 14.041 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

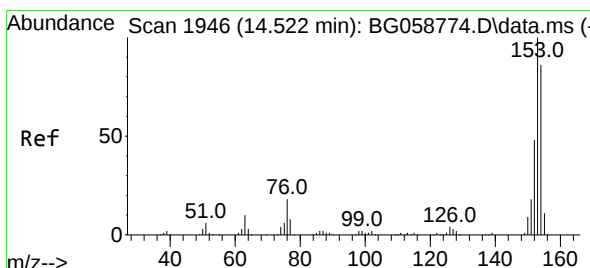
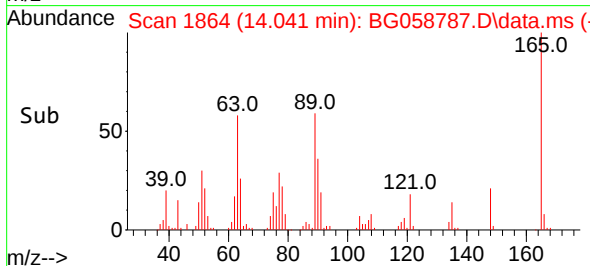
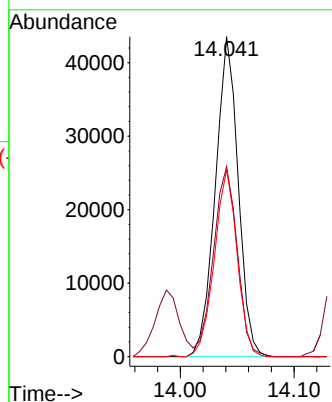
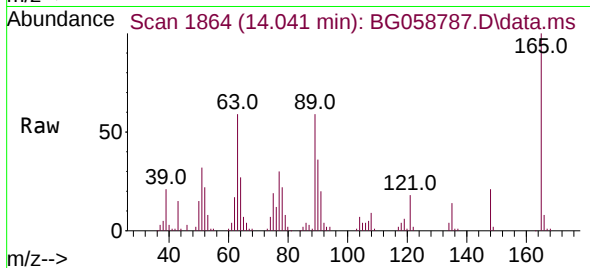
PB154945BS

Tgt Ion:165 Resp: 60656
Ion Ratio Lower Upper
165 100
63 59.4 47.2 70.8
89 58.5 45.0 67.4

Manual Integrations

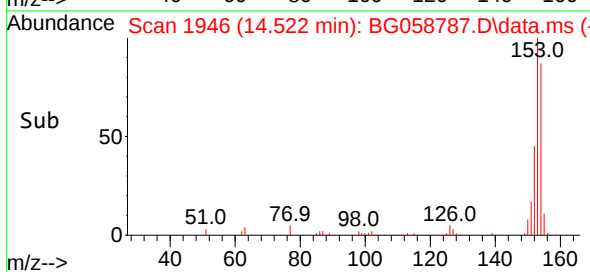
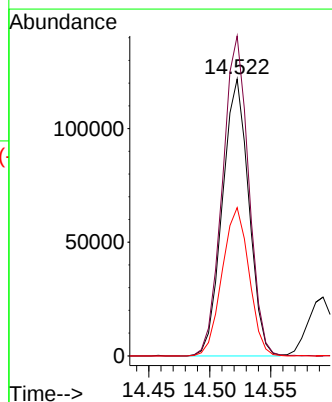
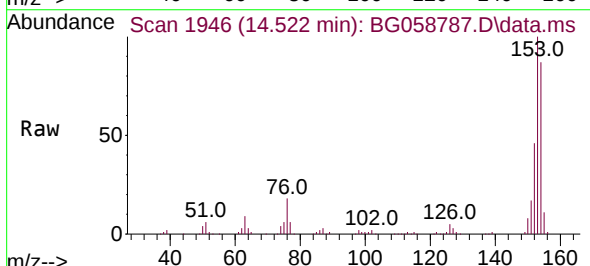
APPROVED

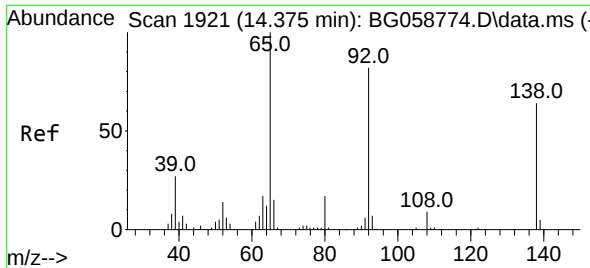
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#52
Acenaphthene
Concen: 46.530 ng
RT: 14.522 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

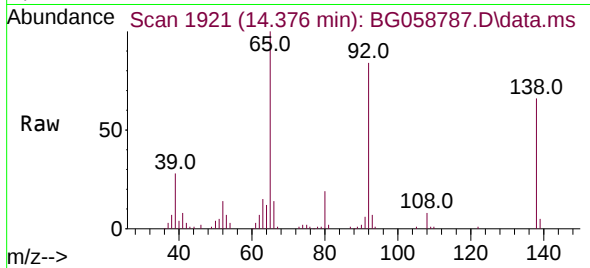
Tgt Ion:154 Resp: 183124
Ion Ratio Lower Upper
154 100
153 115.5 92.7 139.1
152 53.5 44.2 66.2





#53
3-Nitroaniline
Concen: 34.287 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

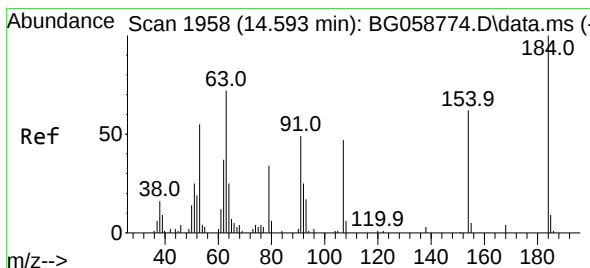
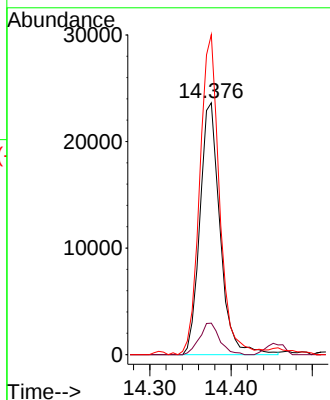
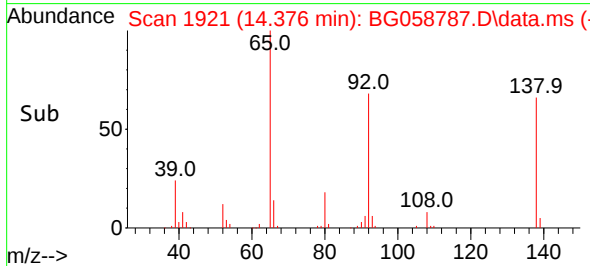
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:138 Resp: 40693
Ion Ratio Lower Upper
138 100
108 12.5 11.8 17.8
92 127.1 102.5 153.7

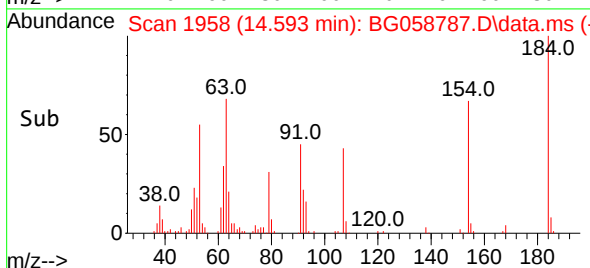
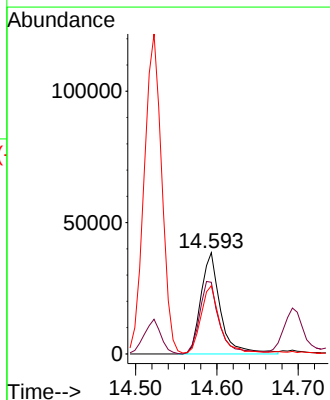
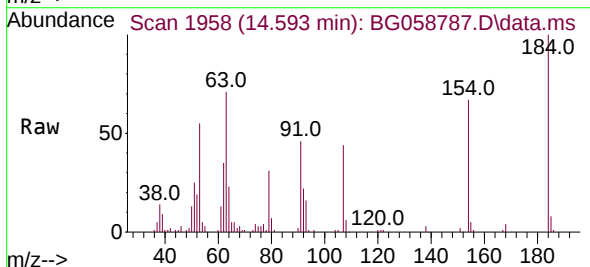
Manual Integrations
APPROVED

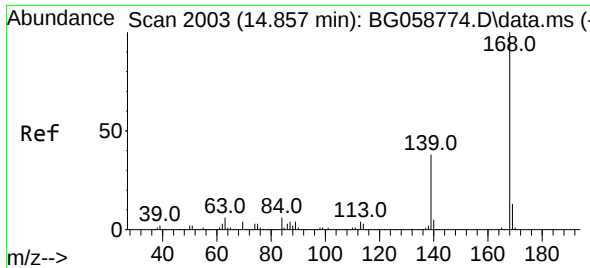
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#54
2,4-Dinitrophenol
Concen: 92.220 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

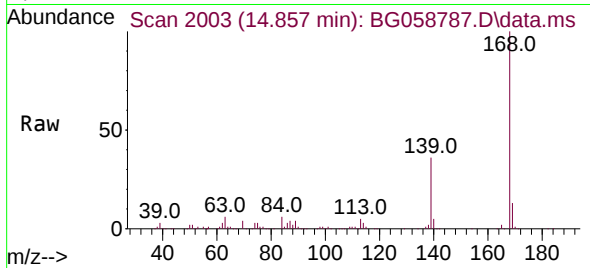
Tgt Ion:184 Resp: 64216
Ion Ratio Lower Upper
184 100
63 70.7 57.7 86.5
154 67.2 51.8 77.6





#55
Dibenzofuran
Concen: 46.202 ng
RT: 14.857 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

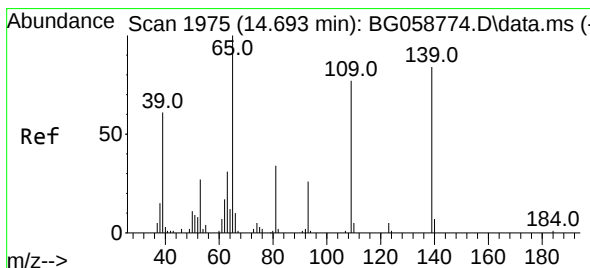
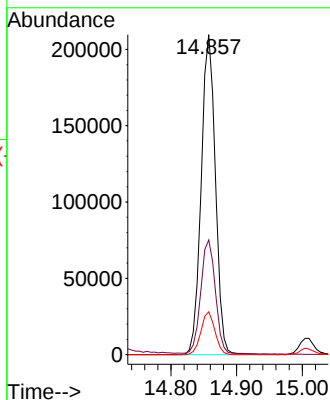
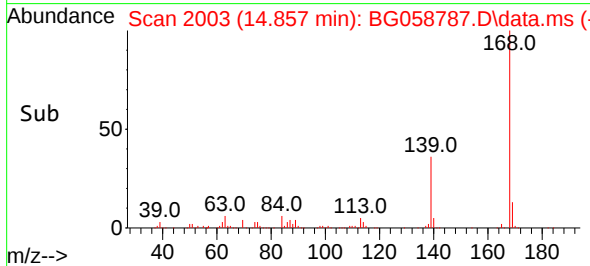
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:168 Resp: 313652
Ion Ratio Lower Upper
168 100
139 35.8 30.4 45.6
169 13.4 10.7 16.1

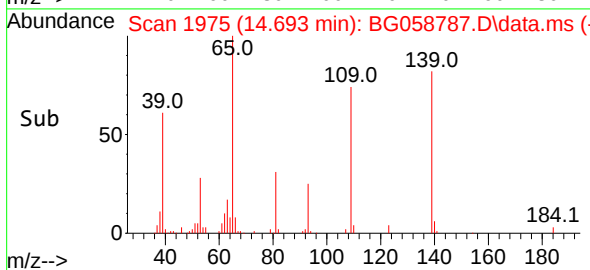
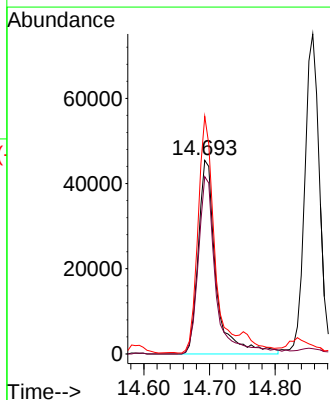
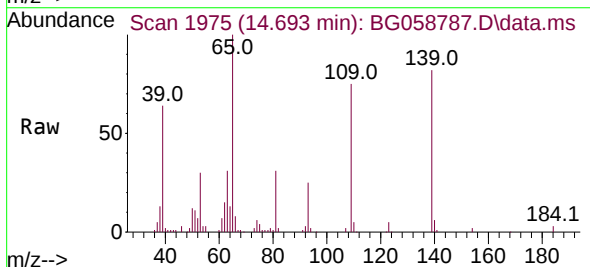
Manual Integrations
APPROVED

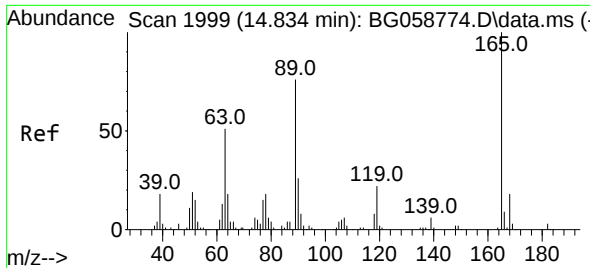
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#56
4-Nitrophenol
Concen: 98.018 ng
RT: 14.693 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:139 Resp: 85070
Ion Ratio Lower Upper
139 100
109 91.5 71.9 111.9
65 122.7 100.7 140.7





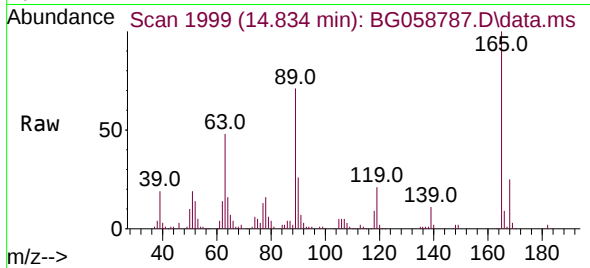
#57
2,4-Dinitrotoluene
Concen: 49.900 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

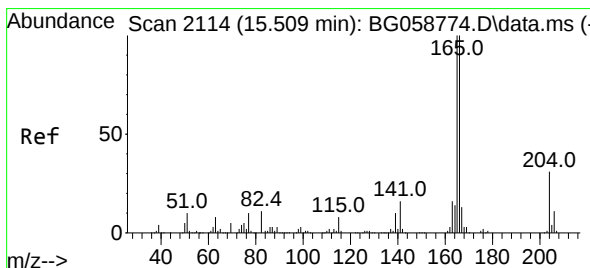
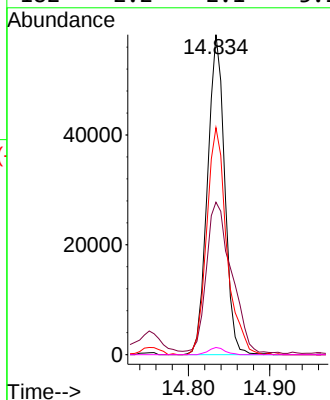
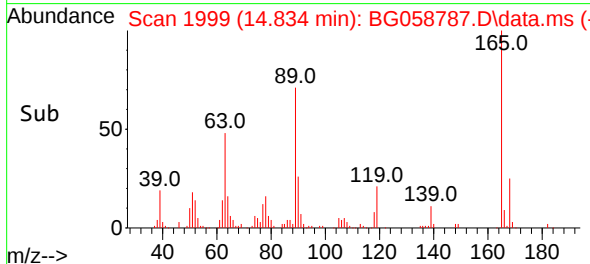


Tgt Ion:165 Resp: 85645
Ion Ratio Lower Upper
165 100
63 47.6 41.8 62.6
89 70.9 60.7 91.1
182 2.2 2.1 3.1

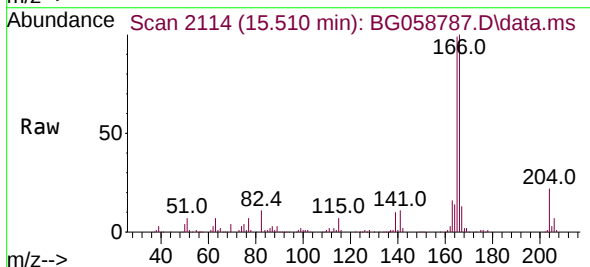
Manual Integrations

APPROVED

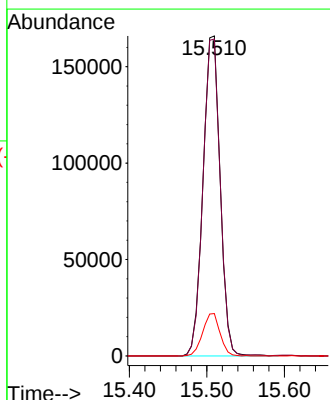
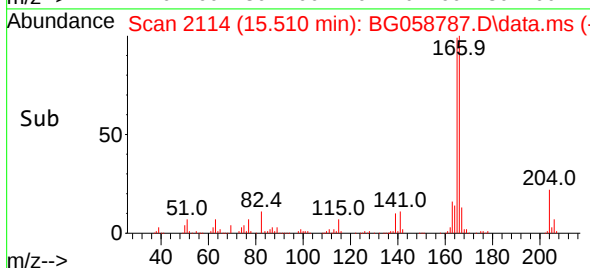
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

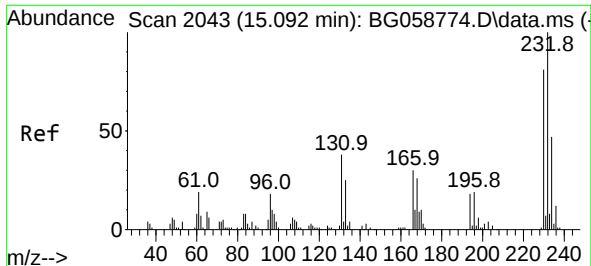


#58
Fluorene
Concen: 47.063 ng
RT: 15.510 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:166 Resp: 254271
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.498 ng
RT: 15.086 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

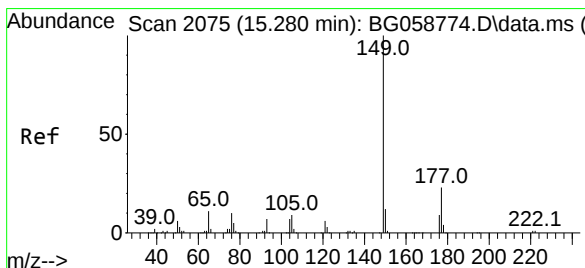
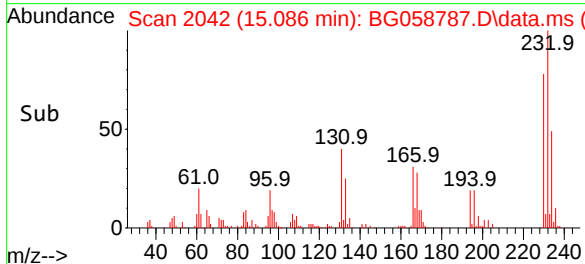
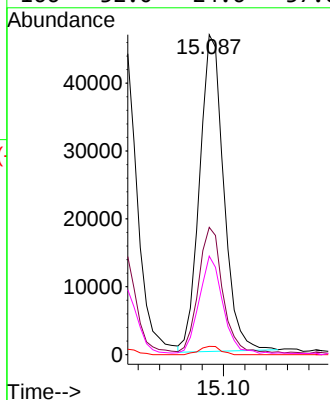
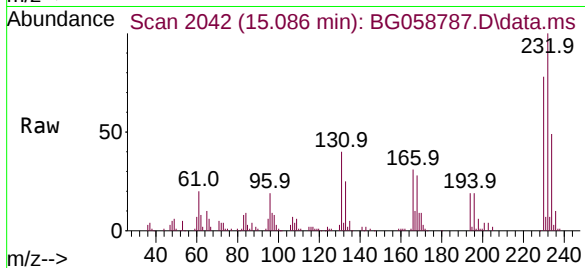
PB154945BS

Tgt Ion:232 Resp: 73221
Ion Ratio Lower Upper
232 100
131 41.0 33.9 50.9
130 2.3 1.8 2.6
166 32.0 24.6 37.0

Manual Integrations

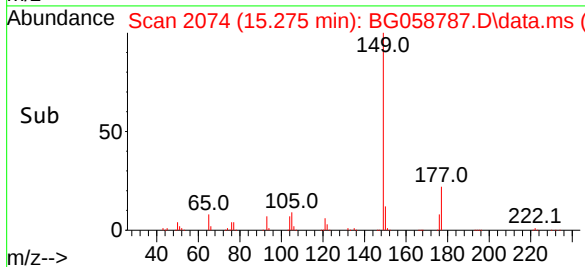
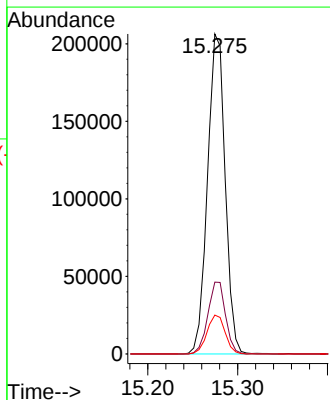
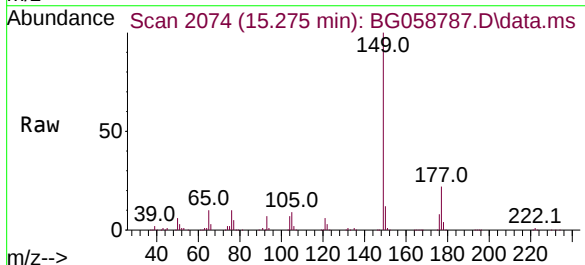
APPROVED

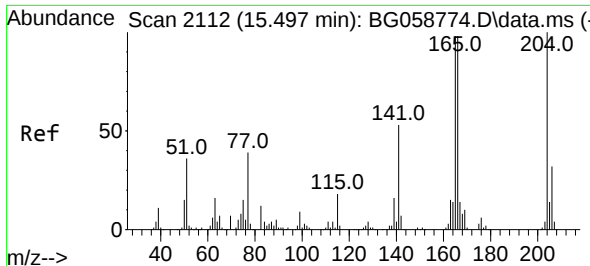
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#60
Diethylphthalate
Concen: 46.913 ng
RT: 15.275 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

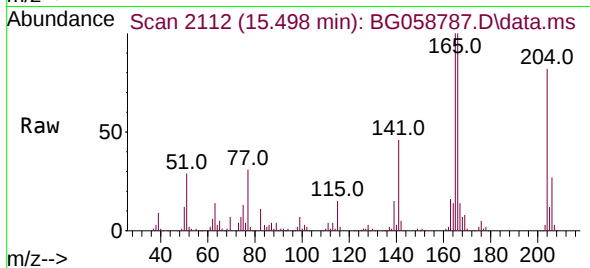
Tgt Ion:149 Resp: 283310
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.642 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

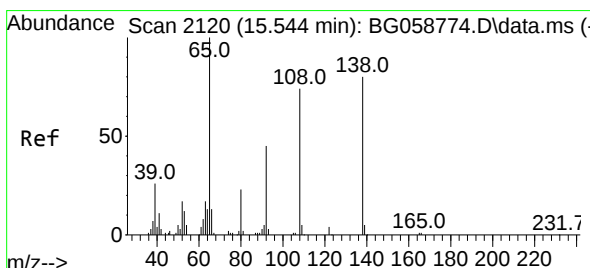
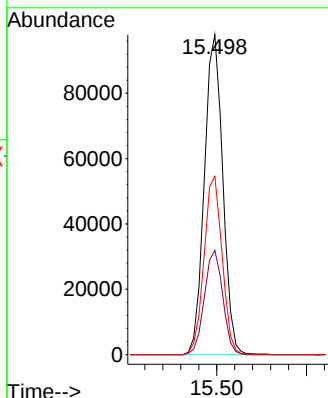
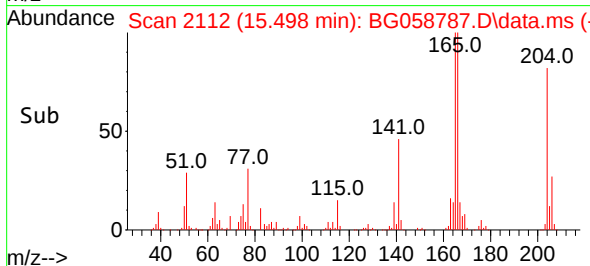
Instrument :
BNA_G
ClientSampleId :
PB154945BS



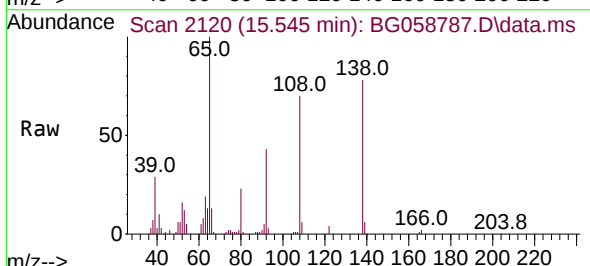
Tgt Ion:204 Resp: 139672
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 55.7 42.3 63.5

Manual Integrations
APPROVED

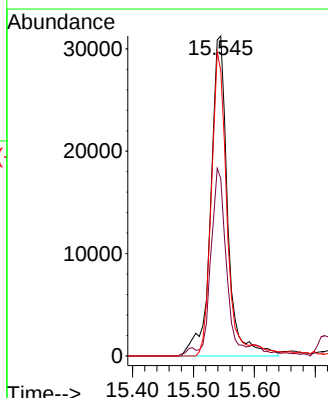
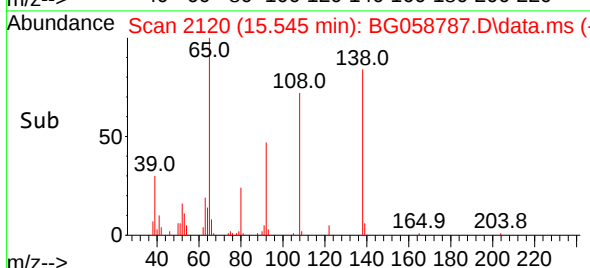
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

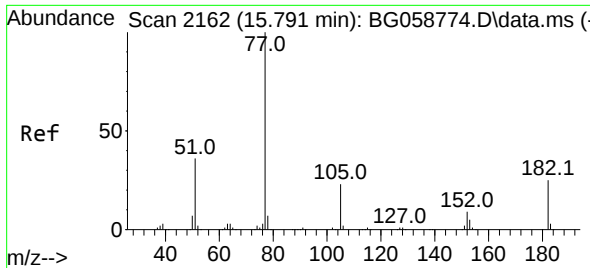


#62
4-Nitroaniline
Concen: 50.092 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.001 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



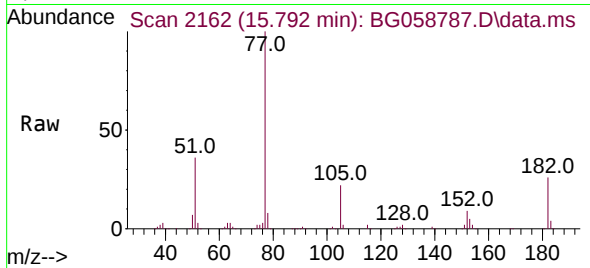
Tgt Ion:138 Resp: 60332
Ion Ratio Lower Upper
138 100
92 55.4 36.4 76.4
108 89.1 72.2 112.2





#63
Azobenzene
Concen: 46.728 ng
RT: 15.792 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

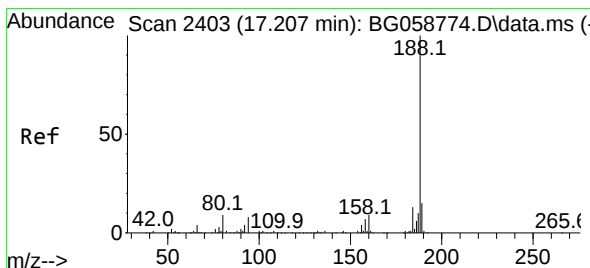
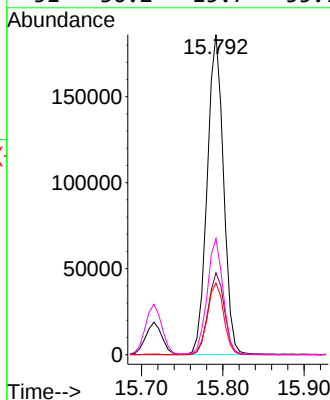
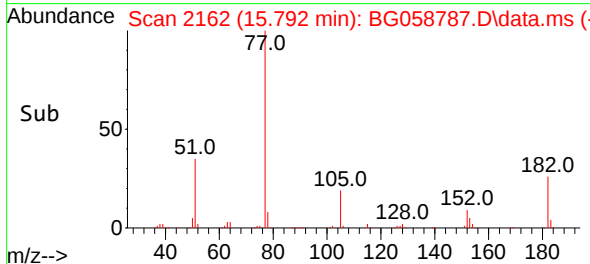
Instrument :
BNA_G
ClientSampleId :
PB154945BS



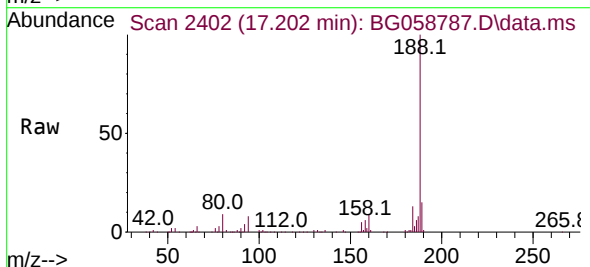
Tgt Ion: 77 Resp: 259117
Ion Ratio Lower Upper
77 100
182 25.6 4.9 44.9
105 22.4 2.8 42.8
51 36.2 15.7 55.7

Manual Integrations
APPROVED

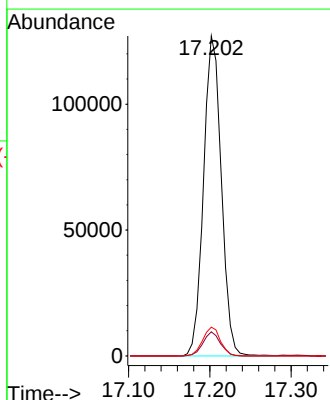
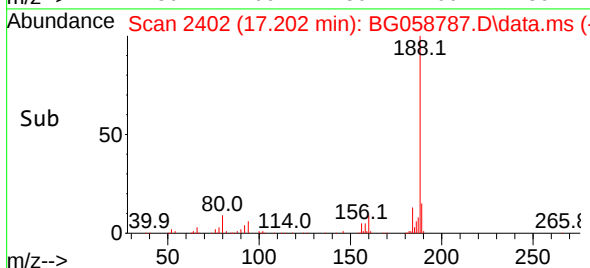
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

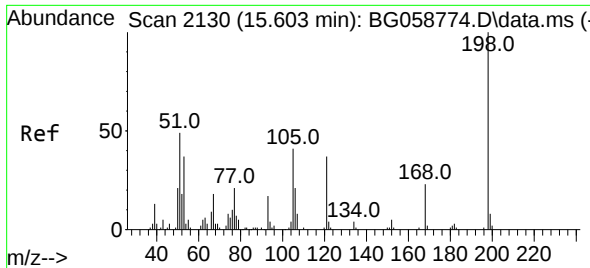


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:188 Resp: 193761
Ion Ratio Lower Upper
188 100
94 7.5 6.1 9.1
80 9.0 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 46.496 ng
RT: 15.598 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

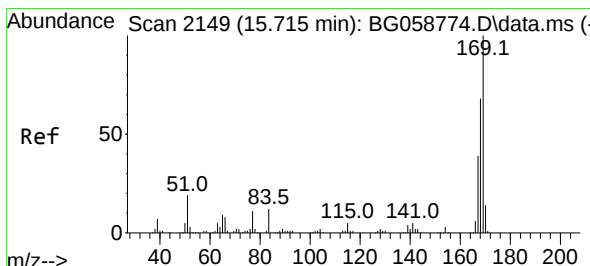
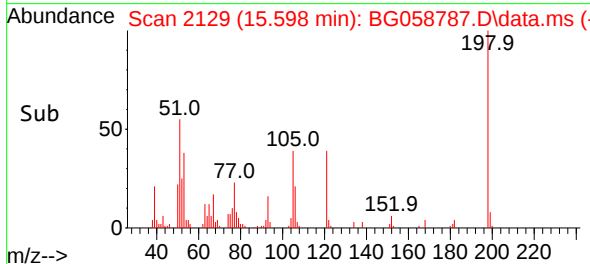
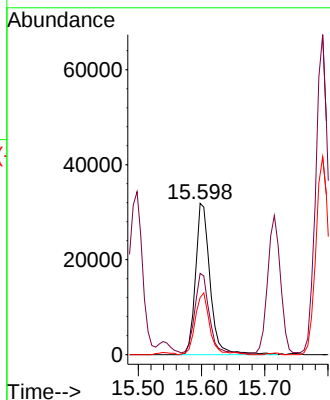
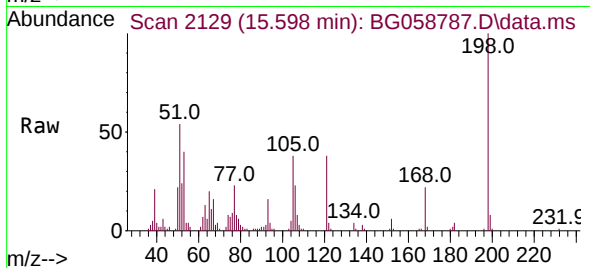
ClientSampleId :

PB154945BS

Tgt Ion:198 Resp: 50924
Ion Ratio Lower Upper
198 100
51 53.6 31.3 71.3
105 37.7 20.7 60.7

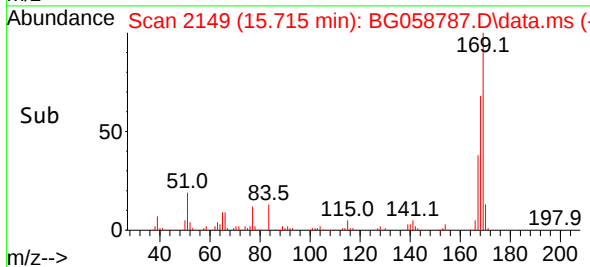
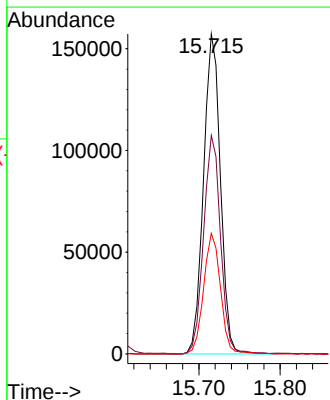
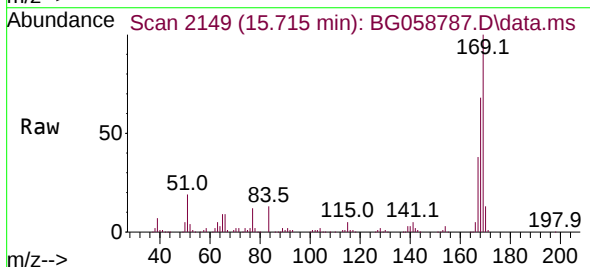
Manual Integrations
APPROVED

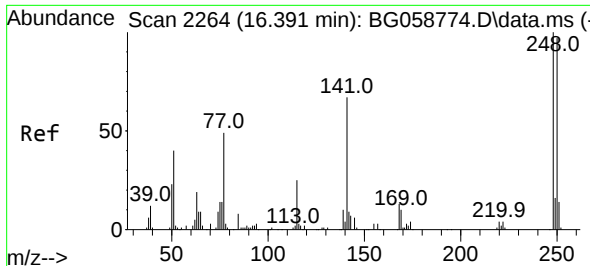
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#66
n-Nitrosodiphenylamine
Concen: 45.582 ng
RT: 15.715 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:169 Resp: 227632
Ion Ratio Lower Upper
169 100
168 68.3 54.4 81.6
167 37.7 31.4 47.0





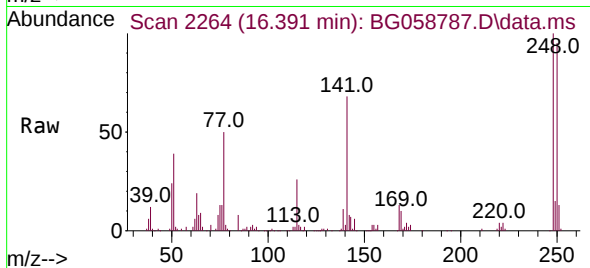
#67
4-Bromophenyl-phenylether
Concen: 44.826 ng
RT: 16.391 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

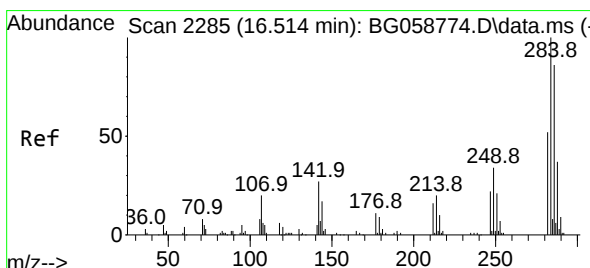
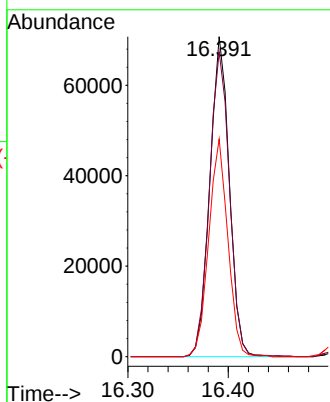
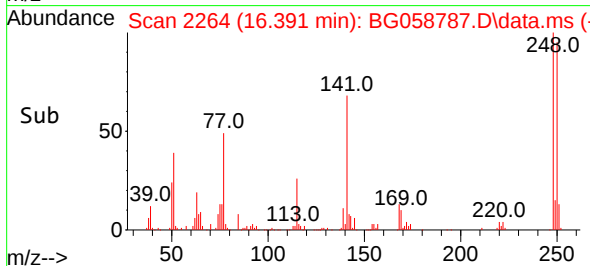


Tgt Ion:248 Resp: 95311
Ion Ratio Lower Upper
248 100
250 95.2 77.7 116.5
141 68.0 53.6 80.4

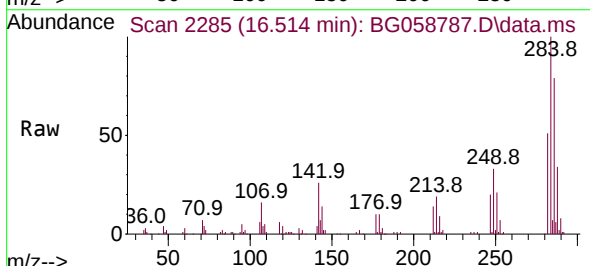
Manual Integrations

APPROVED

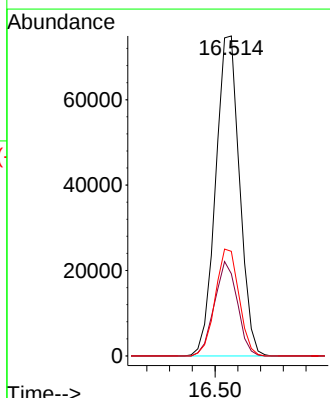
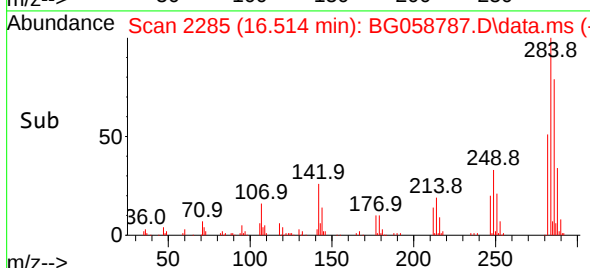
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

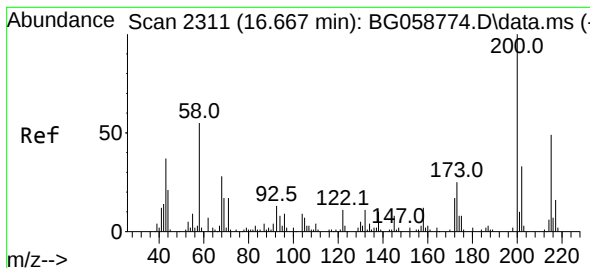


#68
Hexachlorobenzene
Concen: 47.704 ng
RT: 16.514 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:284 Resp: 109166
Ion Ratio Lower Upper
284 100
142 25.7 22.0 33.0
249 32.7 27.2 40.8





#69

Atrazine

Concen: 54.532 ng

RT: 16.667 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

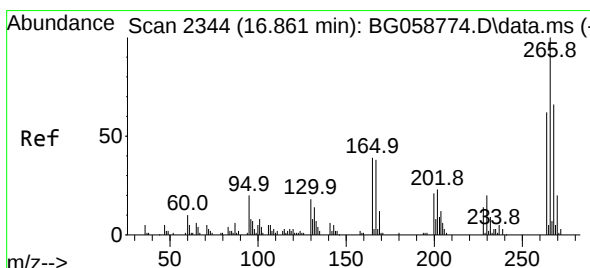
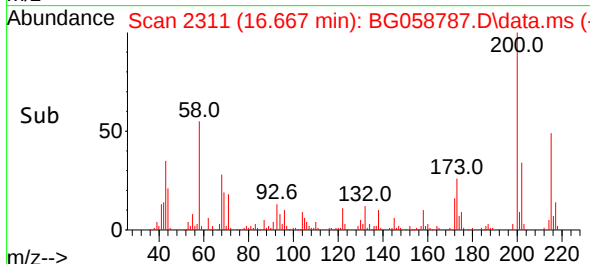
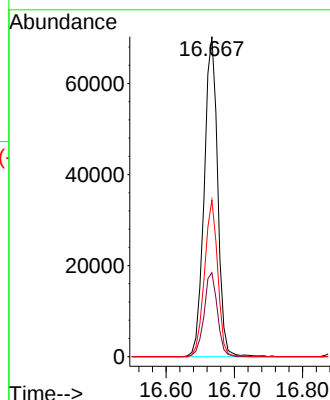
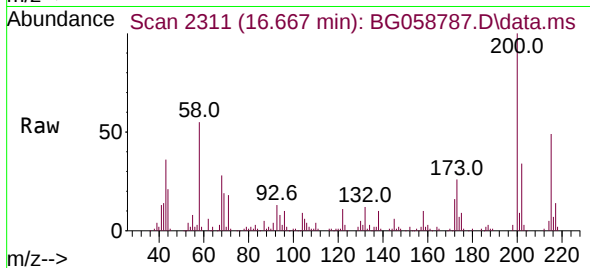
Tgt Ion:200 Resp: 96378
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.3 45.3
 215 48.9 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#70

Pentachlorophenol

Concen: 84.052 ng

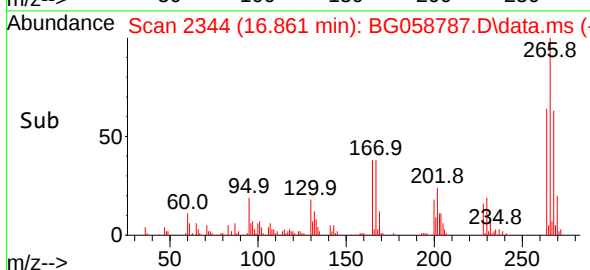
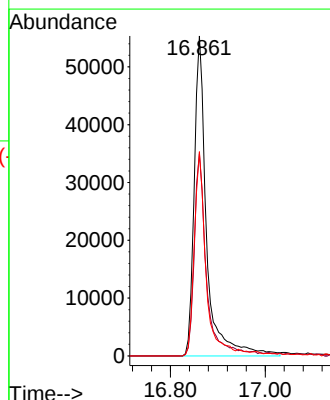
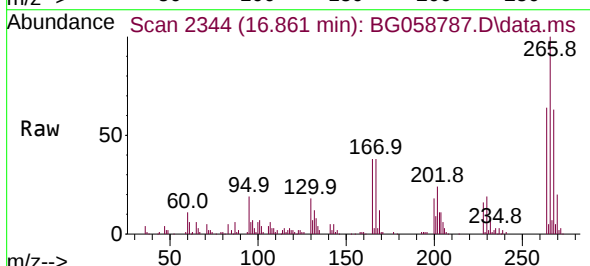
RT: 16.861 min Scan# 2344

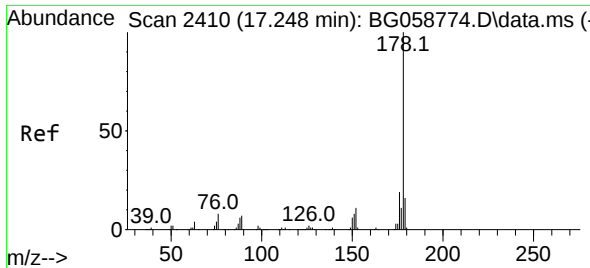
Delta R.T. -0.000 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

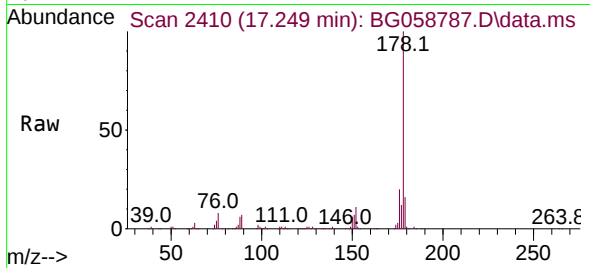
Tgt Ion:266 Resp: 100859
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.7 79.1
 264 63.8 49.5 74.3





#71
Phenanthrene
Concen: 45.801 ng
RT: 17.249 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

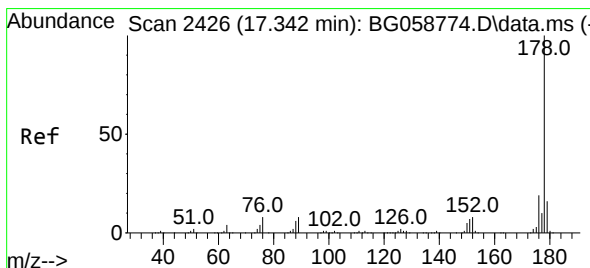
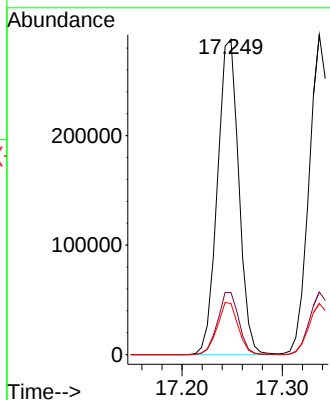
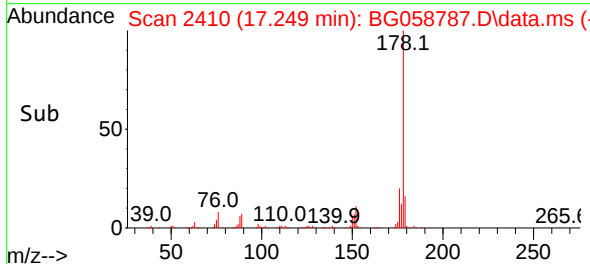
Instrument :
BNA_G
ClientSampleId :
PB154945BS



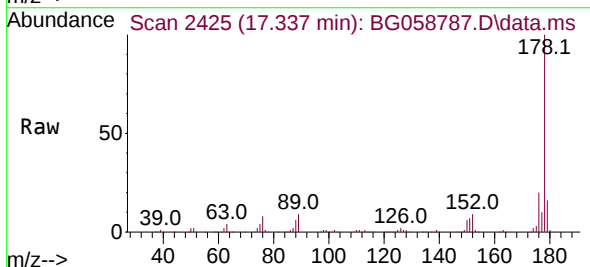
Tgt Ion:178 Resp: 426039
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.2 13.0 19.4

Manual Integrations
APPROVED

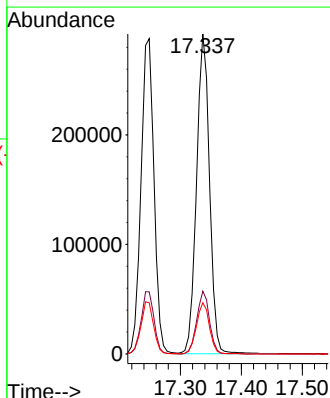
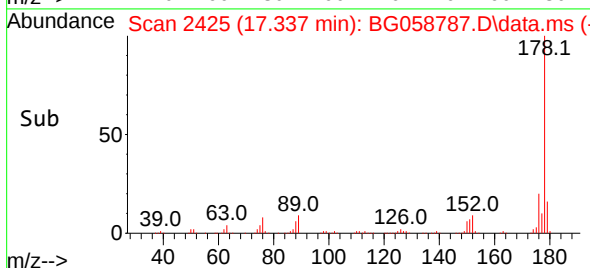
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

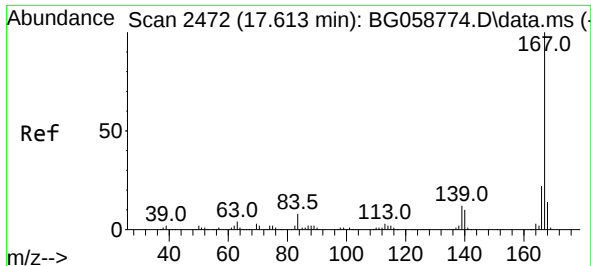


#72
Anthracene
Concen: 46.315 ng
RT: 17.337 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



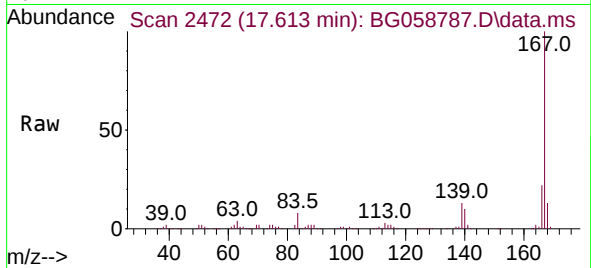
Tgt Ion:178 Resp: 432084
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 47.212 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058787.D
 Acq: 21 Aug 2023 10:17

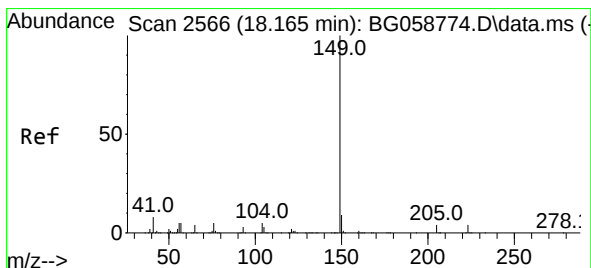
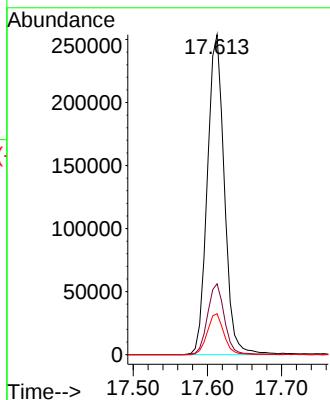
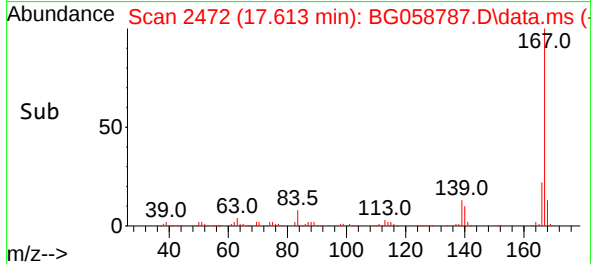
Instrument :
 BNA_G
 ClientSampleId :
 PB154945BS



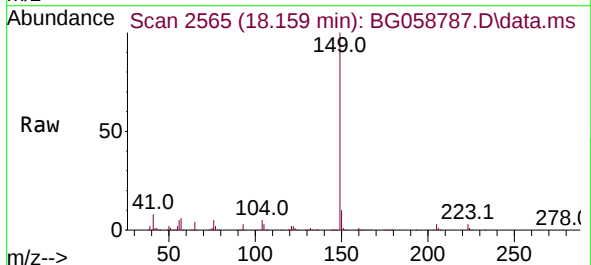
Tgt Ion:167 Resp: 403344
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 12.8 9.7 14.5

Manual Integrations
 APPROVED

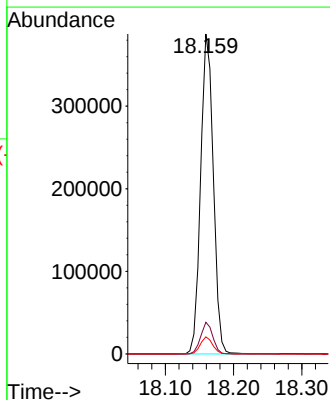
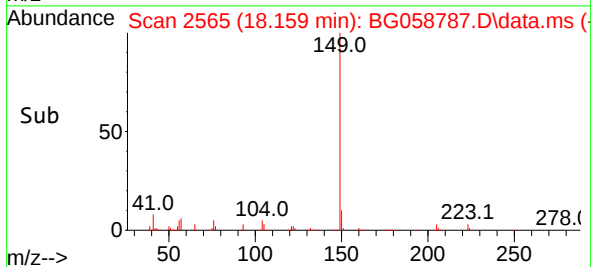
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

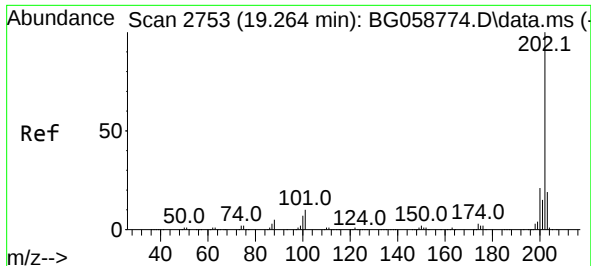


#74
 Di-n-butylphthalate
 Concen: 46.517 ng
 RT: 18.159 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BG058787.D
 Acq: 21 Aug 2023 10:17



Tgt Ion:149 Resp: 501325
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.3 10.9
 104 5.3 4.3 6.5





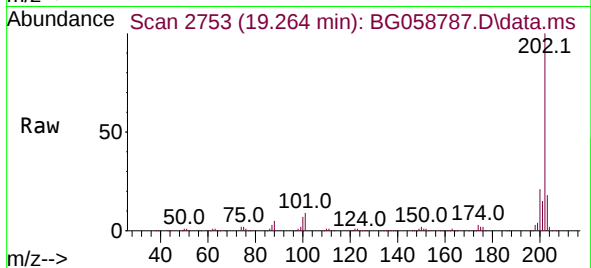
#75
Fluoranthene
Concen: 45.319 ng
RT: 19.264 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS



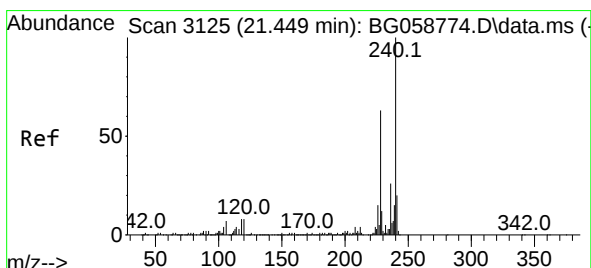
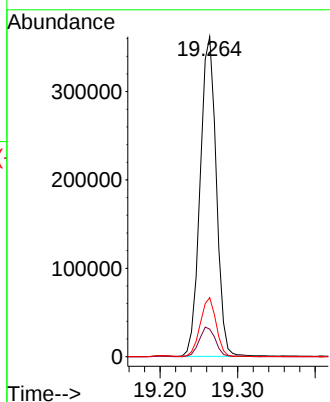
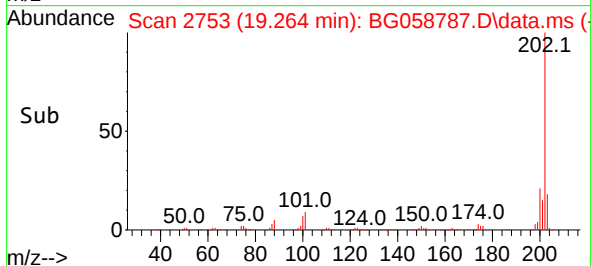
Tgt Ion:202 Resp: 522774
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.7
203 18.4 0.0 38.7

Manual Integrations

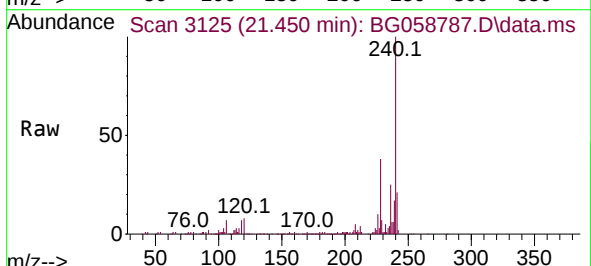
APPROVED

Reviewed By :Yogesh Patel 08/22/2023

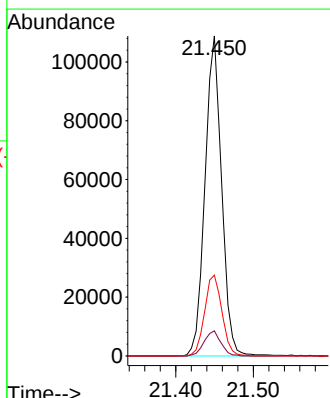
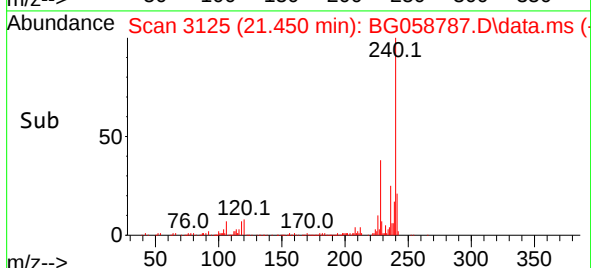
Supervised By :mohammad ahmed 08/22/2023

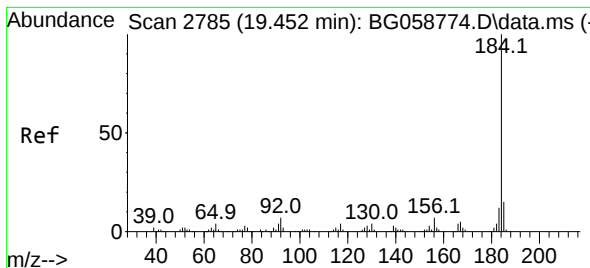


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:240 Resp: 161645
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.2
236 25.2 20.5 30.7





#77

Benzidine

Concen: 71.004 ng

RT: 19.446 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

Tgt Ion:184 Resp: 205698

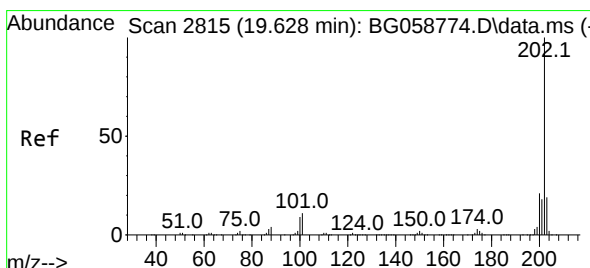
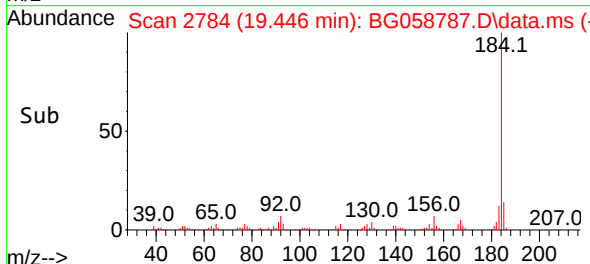
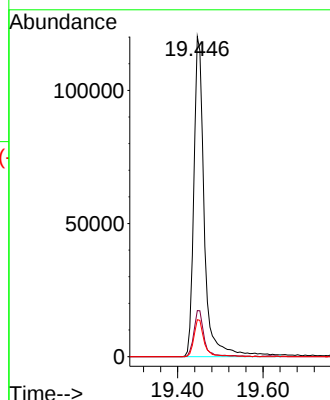
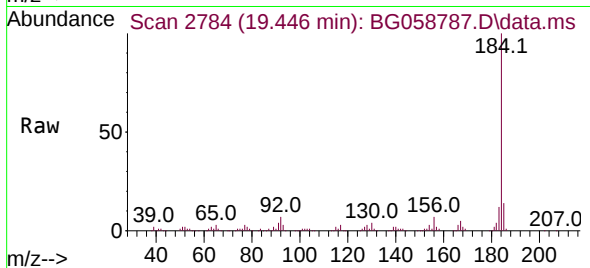
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.9	17.9
183	11.5	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#78

Pyrene

Concen: 47.640 ng

RT: 19.622 min Scan# 2814

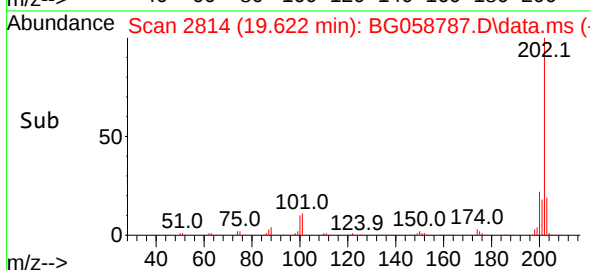
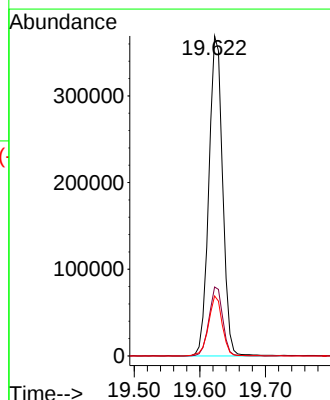
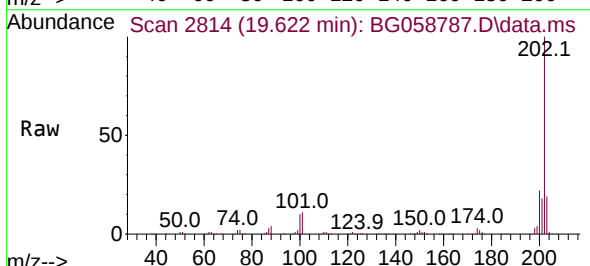
Delta R.T. -0.006 min

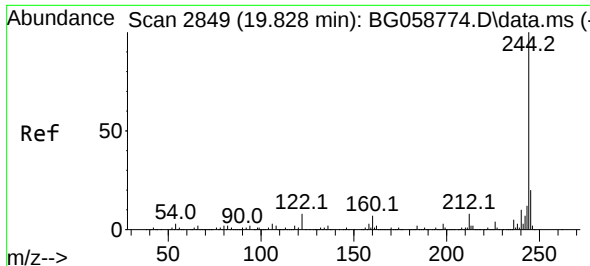
Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

Tgt Ion:202 Resp: 536564

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	18.7	15.3	22.9





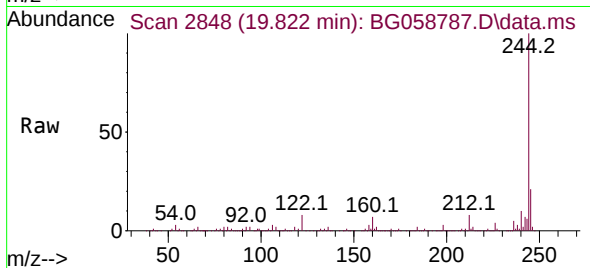
#79
 Terphenyl-d14
 Concen: 94.194 ng
 RT: 19.822 min Scan# 2849
 Delta R.T. -0.006 min
 Lab File: BG058787.D
 Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

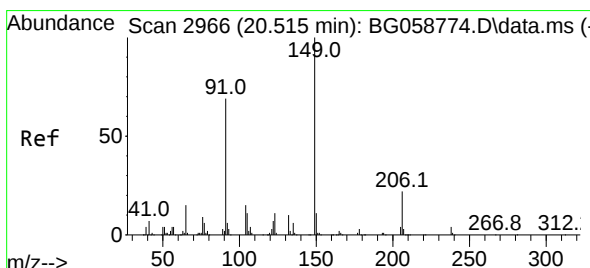
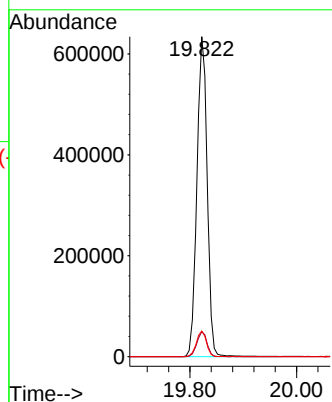
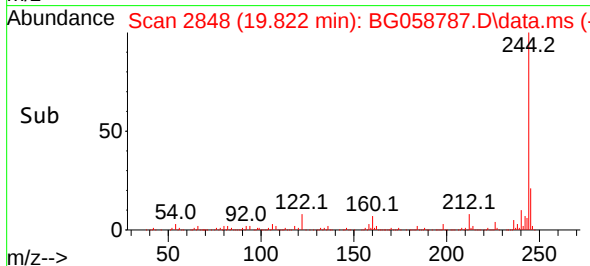


Tgt Ion:244 Resp: 847969
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 8.0 6.3 9.5

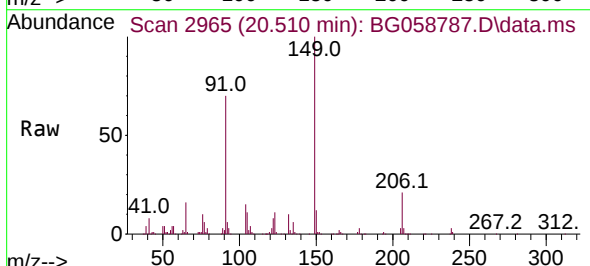
Manual Integrations

APPROVED

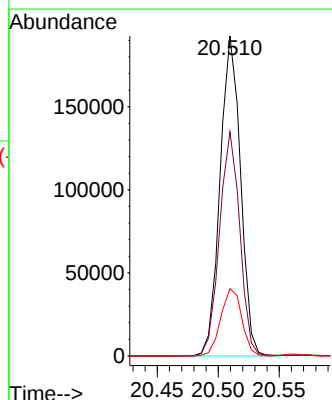
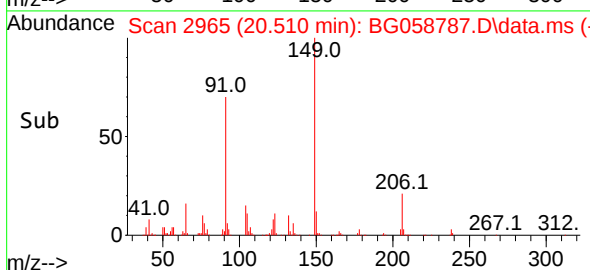
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

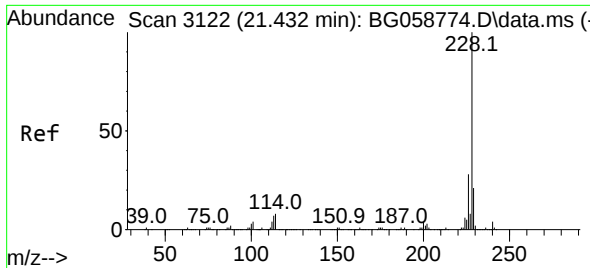


#80
 Butylbenzylphthalate
 Concen: 49.189 ng
 RT: 20.510 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BG058787.D
 Acq: 21 Aug 2023 10:17



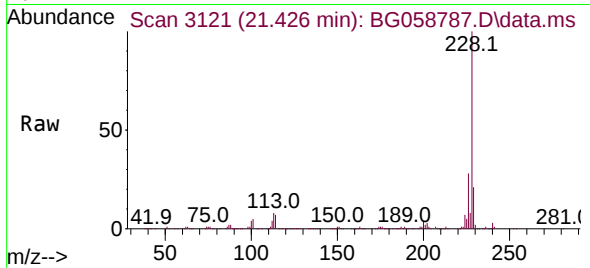
Tgt Ion:149 Resp: 224691
 Ion Ratio Lower Upper
 149 100
 91 70.0 55.0 82.4
 206 21.0 17.6 26.4





#81
Benzo(a)anthracene
Concen: 48.438 ng
RT: 21.426 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

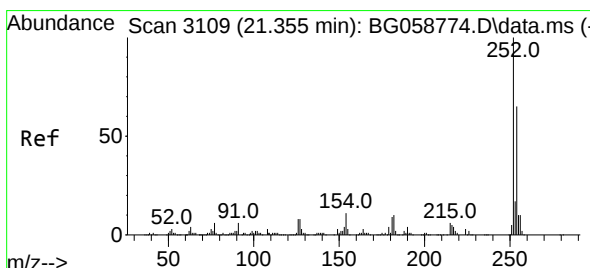
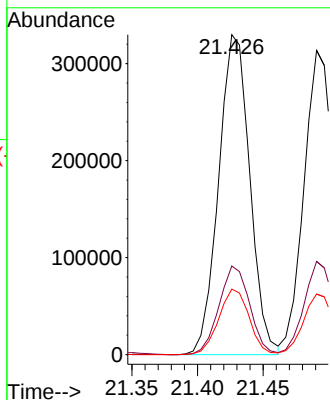
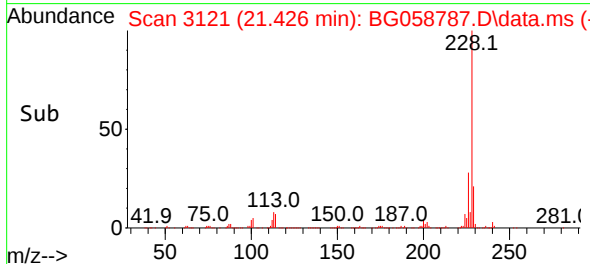
Instrument :
BNA_G
ClientSampleId :
PB154945BS



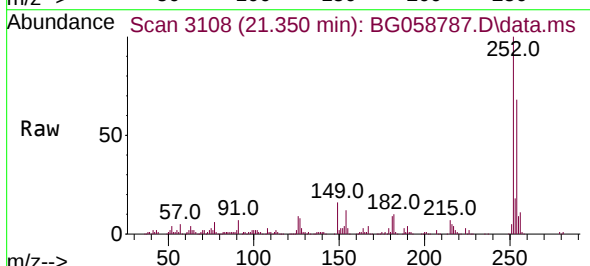
Tgt Ion:228 Resp: 545028
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.5 16.8 25.2

Manual Integrations
APPROVED

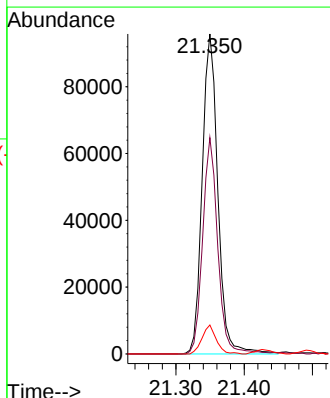
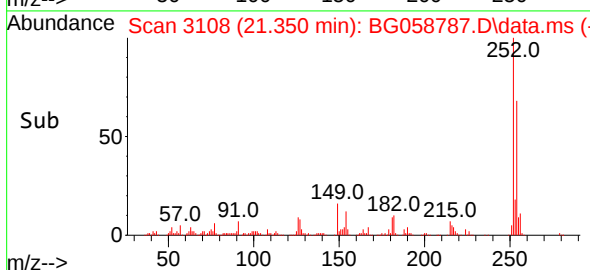
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

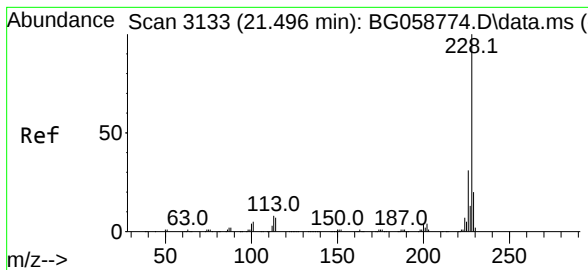


#82
3,3'-Dichlorobenzidine
Concen: 39.364 ng
RT: 21.350 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:252 Resp: 152918
Ion Ratio Lower Upper
252 100
254 67.6 51.8 77.6
126 9.0 6.6 9.8





#83

Chrysene

Concen: 46.353 ng

RT: 21.491 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

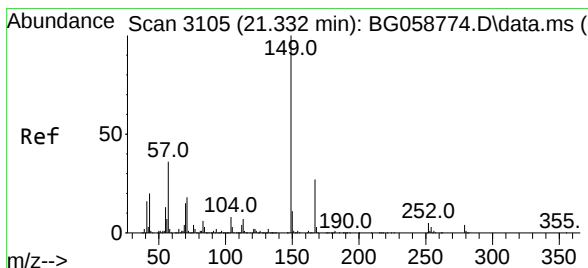
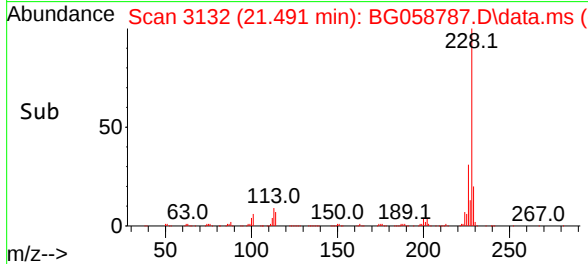
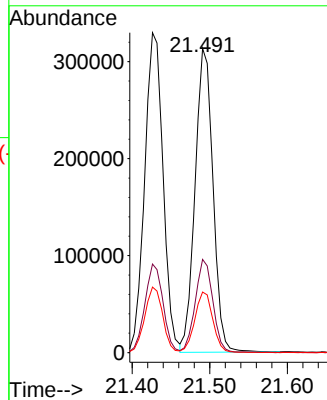
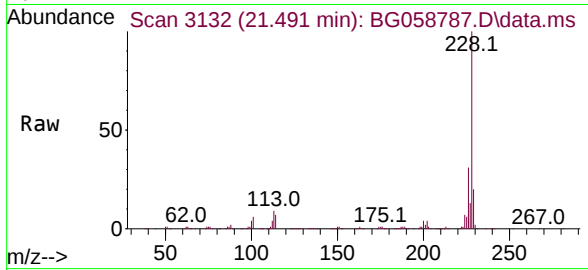
Tgt Ion:	228	Resp:	502729
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.4	36.6
229	19.9	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.364 ng

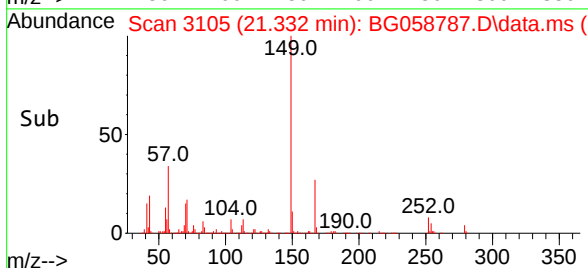
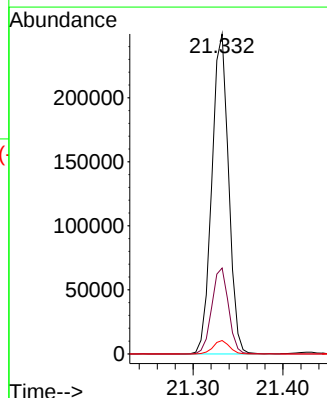
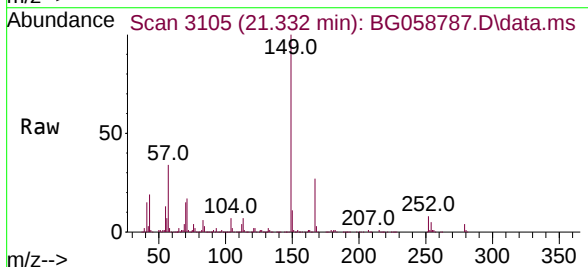
RT: 21.332 min Scan# 3105

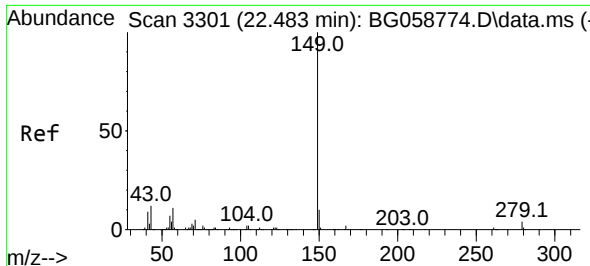
Delta R.T. 0.000 min

Lab File: BG058787.D

Acq: 21 Aug 2023 10:17

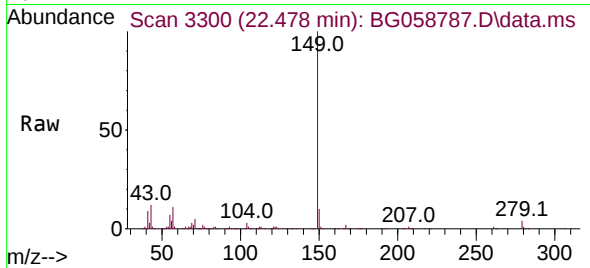
Tgt Ion:	149	Resp:	324017
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.7	32.5
279	4.2	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 49.210 ng
RT: 22.478 min Scan# 3301
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

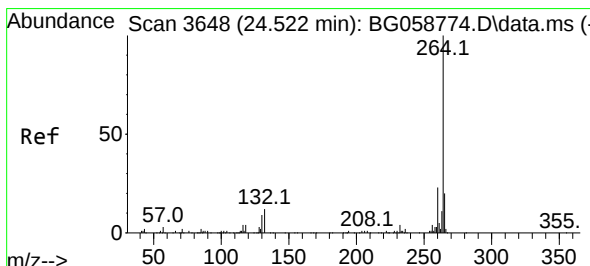
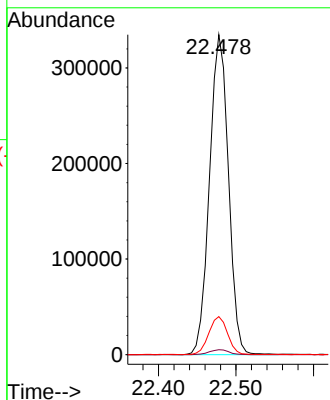
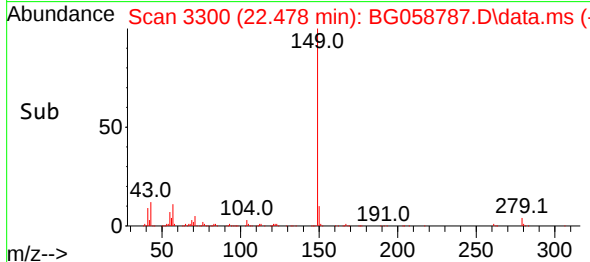
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:149 Resp: 567056
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.7 14.5

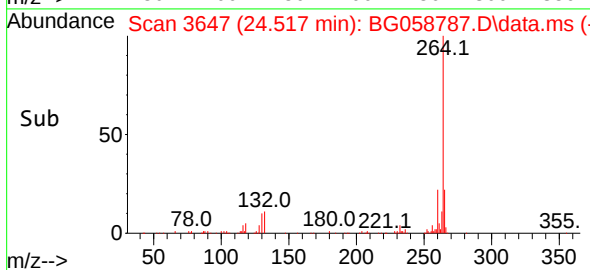
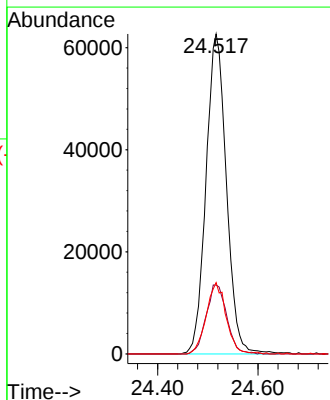
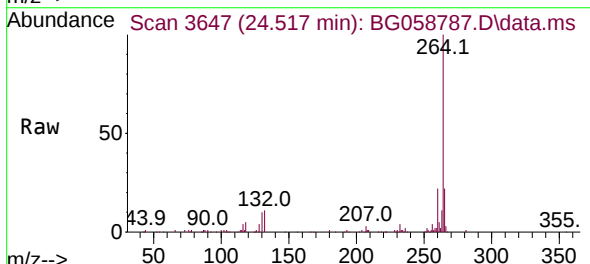
Manual Integrations
APPROVED

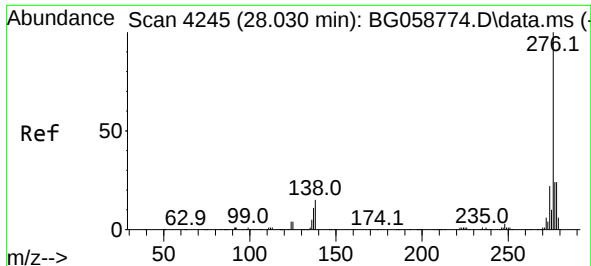
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.517 min Scan# 3647
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

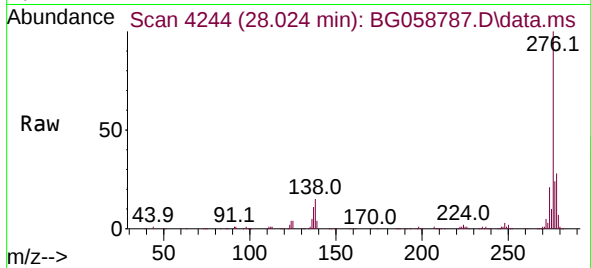
Tgt Ion:264 Resp: 176407
Ion Ratio Lower Upper
264 100
260 21.5 18.2 27.2
265 22.3 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.238 ng
RT: 28.024 min Scan# 4244
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

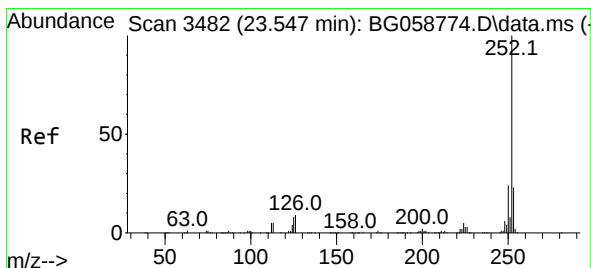
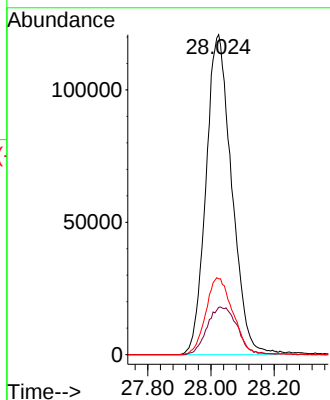
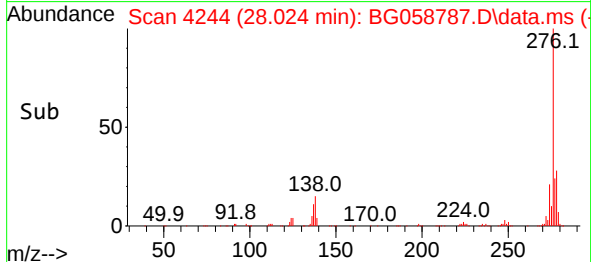
Instrument :
BNA_G
ClientSampleId :
PB154945BS



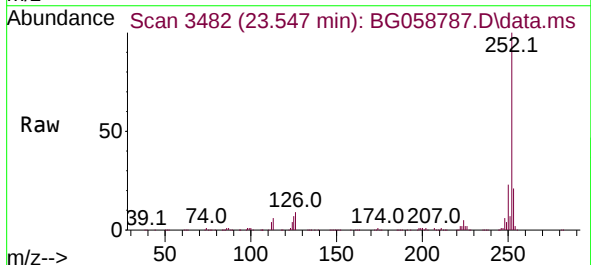
Tgt Ion:276 Resp: 68314
Ion Ratio Lower Upper
276 100
138 17.1 6.2 9.2
277 25.2 20.4 30.6

Manual Integrations
APPROVED

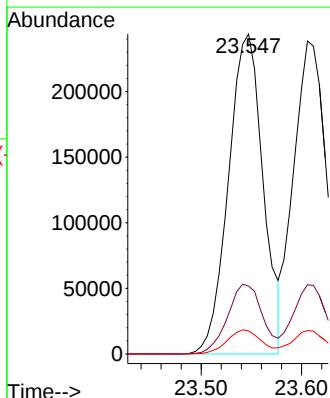
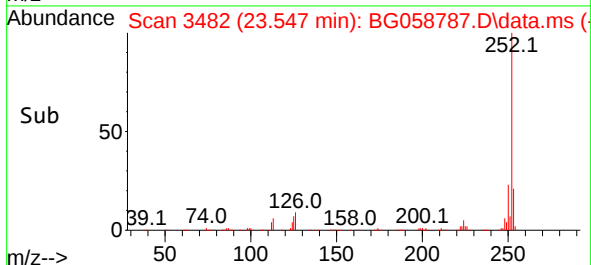
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

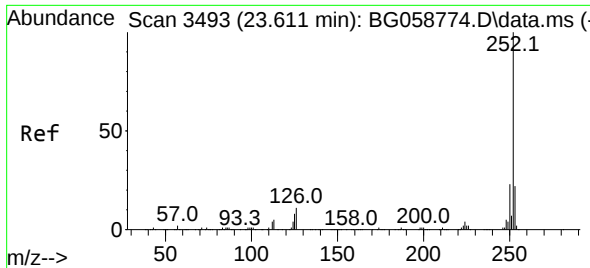


#88
Benzo(b)fluoranthene
Concen: 59.694 ng
RT: 23.547 min Scan# 3482
Delta R.T. 0.000 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



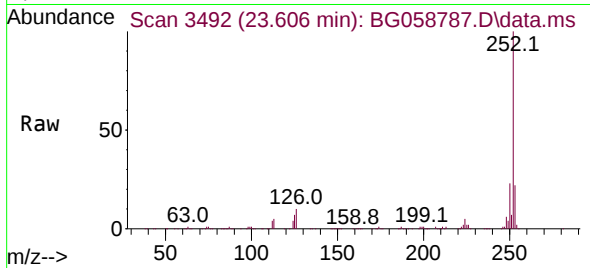
Tgt Ion:252 Resp: 584285
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 7.2 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 54.743 ng
RT: 23.606 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

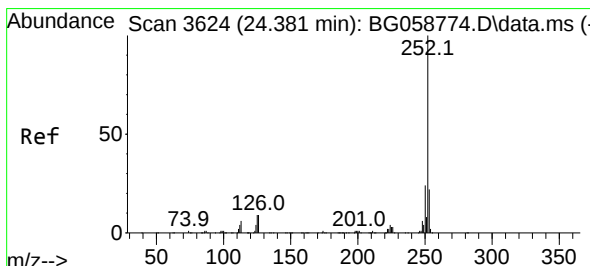
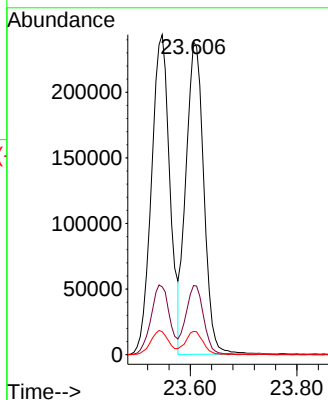
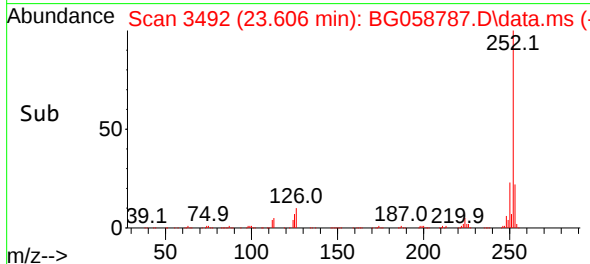
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:252 Resp: 552594
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.4 6.3 9.5

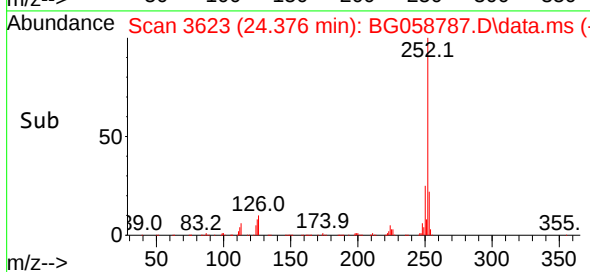
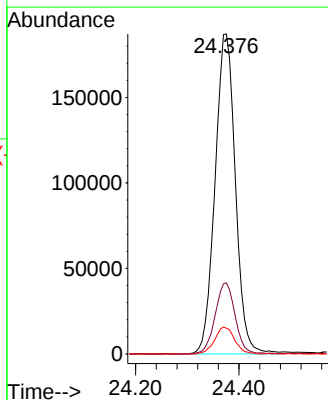
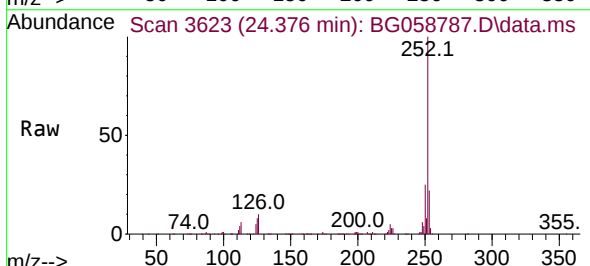
Manual Integrations
APPROVED

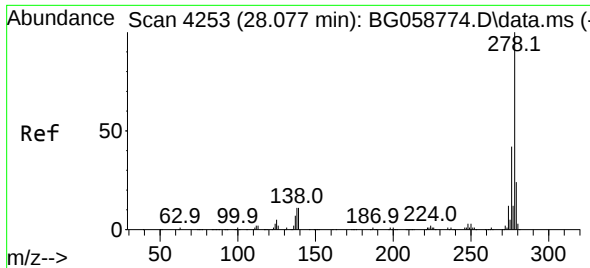
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#90
Benzo(a)pyrene
Concen: 53.305 ng
RT: 24.376 min Scan# 3623
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Tgt Ion:252 Resp: 513739
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.0 6.8 10.2





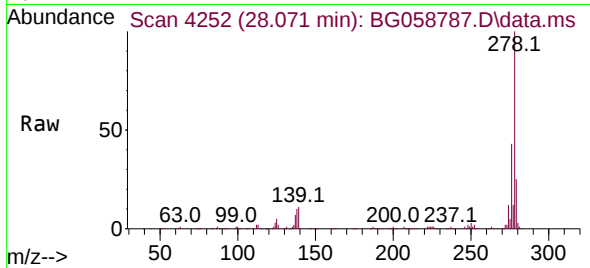
#91
Dibenzo(a,h)anthracene
Concen: 57.725 ng
RT: 28.071 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17

Instrument :

BNA_G

ClientSampleId :

PB154945BS

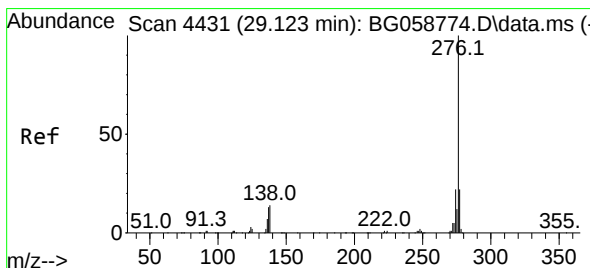
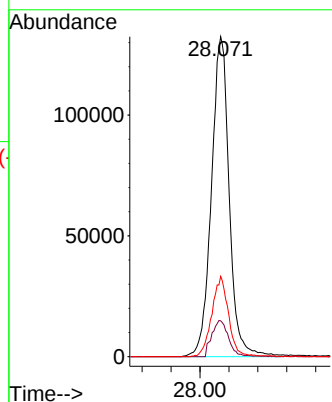
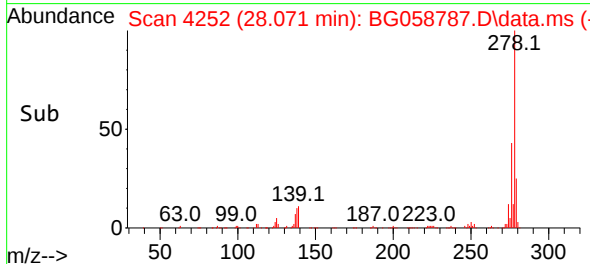


Tgt Ion:278 Resp: 566123
Ion Ratio Lower Upper
278 100
139 11.2 8.9 13.3
279 25.1 19.0 28.6

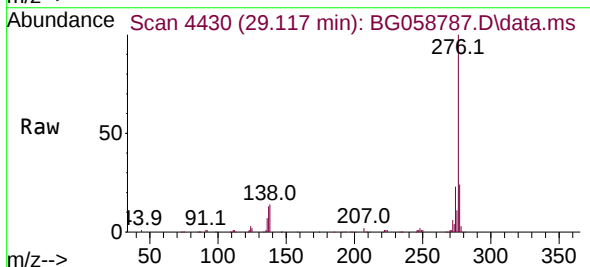
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 56.345 ng
RT: 29.117 min Scan# 4430
Delta R.T. -0.006 min
Lab File: BG058787.D
Acq: 21 Aug 2023 10:17



Tgt Ion:276 Resp: 552482
Ion Ratio Lower Upper
276 100
277 24.2 17.8 26.6
138 14.2 11.1 16.7

