

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
 Data File : BG056003.D
 Acq On : 16 Dec 2022 21:14
 Operator : CG/JU
 Sample : N6038-28MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-42-(3-5)MS

Quant Time: Dec 17 01:25:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 01:18:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	9891	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	37973	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	32860	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	90954	20.000	ng	# 0.00
76) Chrysene-d12	22.030	240	90714	20.000	ng	0.00
86) Perylene-d12	25.526	264	108499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.890	112	37427	88.740	ng	0.00
7) Phenol-d6	7.506	99	47199	87.012	ng	0.00
23) Nitrobenzene-d5	9.545	82	30561	56.242	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	69621	87.866	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	117853	50.300	ng	0.00
79) Terphenyl-d14	20.291	244	284566	55.442	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.722	88	4521	36.834	ng	92
3) Pyridine	4.134	79	12075	29.894	ng	95
4) n-Nitrosodimethylamine	4.045	42	12219	33.651	ng	# 95
6) Aniline	7.682	93	15749	24.250	ng	94
8) 2-Chlorophenol	7.929	128	21677	39.838	ng	95
9) Benzaldehyde	7.494	77	13537	39.737	ng	97
10) Phenol	7.530	94	23631	39.805	ng	99
11) bis(2-Chloroethyl)ether	7.776	93	14317	37.023	ng	99
12) 1,3-Dichlorobenzene	8.264	146	26014	36.958	ng	90
13) 1,4-Dichlorobenzene	8.411	146	25954	36.080	ng	94
14) 1,2-Dichlorobenzene	8.734	146	26174	38.074	ng	90
15) Benzyl Alcohol	8.605	79	20382	36.162	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.893	45	19531m	38.806	ng	
17) 2-Methylphenol	8.799	107	18041	38.624	ng	92
18) Hexachloroethane	9.474	117	8465	38.767	ng	81
19) n-Nitroso-di-n-propyla...	9.175	70	13557	34.867	ng	92
20) 3+4-Methylphenols	9.128	107	24452	36.683	ng	98
22) Acetophenone	9.198	105	32781	34.824	ng	99
24) Nitrobenzene	9.586	77	22133	40.466	ng	97
25) Isophorone	10.115	82	39518	34.682	ng	96
26) 2-Nitrophenol	10.303	139	13759	42.495	ng	94
27) 2,4-Dimethylphenol	10.344	122	22946m	42.198	ng	
28) bis(2-Chloroethoxy)met...	10.585	93	20597	40.901	ng	# 96
29) 2,4-Dichlorophenol	10.837	162	29271	37.925	ng	99
30) 1,2,4-Trichlorobenzene	11.067	180	35497	35.380	ng	97
31) Naphthalene	11.260	128	69638	34.756	ng	99
32) Benzoic acid	10.467	122	17734	39.187	ng	93
33) 4-Chloroaniline	11.349	127	8545	9.948	ng	97
34) Hexachlorobutadiene	11.537	225	31454	33.347	ng	91
35) Caprolactam	12.118	113	6839m	31.804	ng	
36) 4-Chloro-3-methylphenol	12.441	107	26246	36.266	ng	96
37) 2-Methylnaphthalene	12.835	142	59216	33.452	ng	97
38) 1-Methylnaphthalene	13.052	142	54950	31.864	ng	100
40) 1,2,4,5-Tetrachloroben...	13.193	216	54440	39.267	ng	99
41) Hexachlorocyclopentadiene	13.170	237	72090	91.656	ng	99
43) 2,4,6-Trichlorophenol	13.423	196	33994	41.421	ng	95

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Manual Integrations
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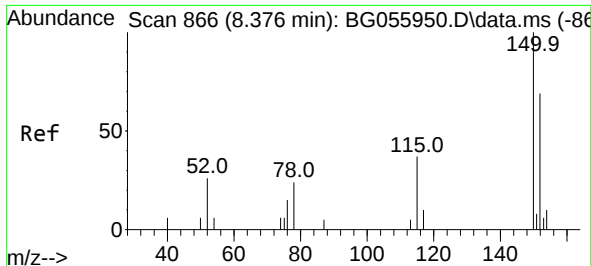
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.493	196	37532	40.569	ng	95
46) 1,1'-Biphenyl	13.822	154	87460	39.267	ng	99
47) 2-Chloronaphthalene	13.869	162	68301	37.740	ng	94
48) 2-Nitroaniline	14.057	65	16166	45.470	ng	91
49) Acenaphthylene	14.709	152	106832	36.982	ng	99
50) Dimethylphthalate	14.421	163	97059	34.164	ng	99
51) 2,6-Dinitrotoluene	14.545	165	20579	46.810	ng	# 88
52) Acenaphthene	15.044	154	81894	42.228	ng	94
53) 3-Nitroaniline	14.874	138	8962	20.041	ng	97
54) 2,4-Dinitrophenol	15.074	184	28186	86.240	ng	# 78
55) Dibenzofuran	15.373	168	118186	36.240	ng	97
56) 4-Nitrophenol	15.156	139	29626	82.675	ng	95
57) 2,4-Dinitrotoluene	15.326	165	28722	43.281	ng	96
58) Fluorene	16.020	166	93313	35.003	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.591	232	41614	39.374	ng	99
60) Diethylphthalate	15.773	149	91908	33.099	ng	98
61) 4-Chlorophenyl-phenyle...	16.002	204	66241	36.474	ng	98
62) 4-Nitroaniline	16.031	138	17600	36.141	ng	95
63) Azobenzene	16.296	77	65303	38.639	ng	95
65) 4,6-Dinitro-2-methylph...	16.084	198	19507	44.896	ng	93
66) n-Nitrosodiphenylamine	16.213	169	86441	36.267	ng	99
67) 4-Bromophenyl-phenylether	16.895	248	49140	36.871	ng	92
68) Hexachlorobenzene	17.024	284	59412	36.191	ng	95
69) Atrazine	17.148	200	42011	38.927	ng	97
70) Pentachlorophenol	17.359	266	75787	80.753	ng	96
71) Phenanthrene	17.759	178	173681	36.438	ng	99
72) Anthracene	17.853	178	168992	35.837	ng	99
73) Carbazole	18.111	167	135594	34.864	ng	99
74) Di-n-butylphthalate	18.646	149	150711	33.322	ng	99
75) Fluoranthene	19.751	202	247054	37.015	ng	99
77) Benzidine	19.909	184	80942	50.808	ng	99
78) Pyrene	20.109	202	240908	43.888	ng	98
80) Butylbenzylphthalate	20.973	149	59935	38.533	ng	99
81) Benzo(a)anthracene	22.007	228	252745	39.594	ng	99
82) 3,3'-Dichlorobenzidine	21.901	252	42845	18.655	ng	99
83) Chrysene	22.077	228	232920	38.933	ng	99
84) Bis(2-ethylhexyl)phtha...	21.883	149	85184	36.862	ng	97
85) Di-n-octyl phthalate	23.194	149	143216	36.535	ng	100
87) Indeno(1,2,3-cd)pyrene	29.563	276	322727	36.990	ng	100
88) Benzo(b)fluoranthene	24.410	252	286133	40.749	ng	98
89) Benzo(k)fluoranthene	24.486	252	256931m	36.674	ng	
90) Benzo(a)pyrene	25.362	252	245073	41.289	ng	99
91) Dibenzo(a,h)anthracene	29.645	278	261373	35.792	ng	98
92) Benzo(g,h,i)perylene	30.832	276	261157	36.988	ng	96

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

Manual Integrations

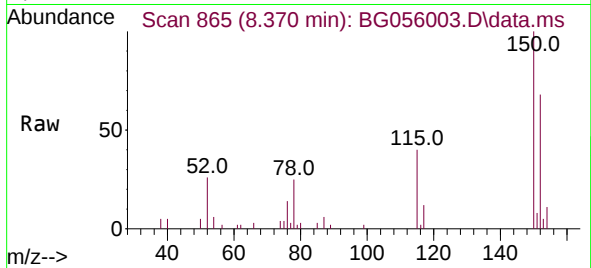
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

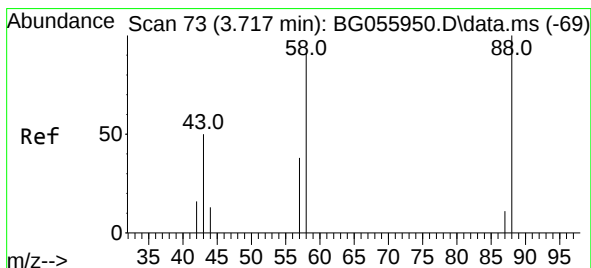
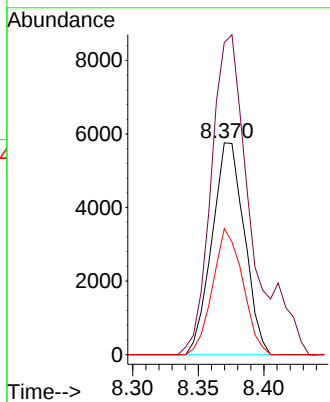
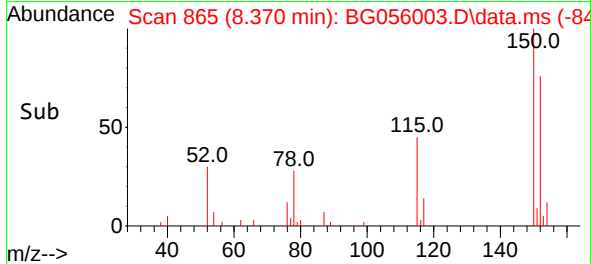
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



Tgt Ion:152 Resp: 989
Ion Ratio Lower Upper
152 100
150 147.3 115.7 173.5
115 59.5 43.0 64.4

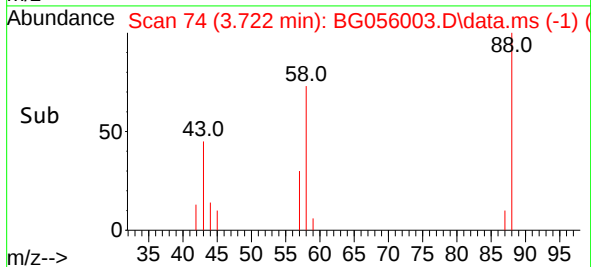
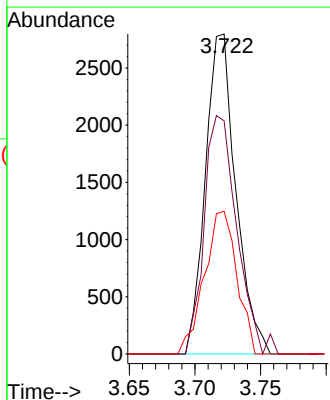
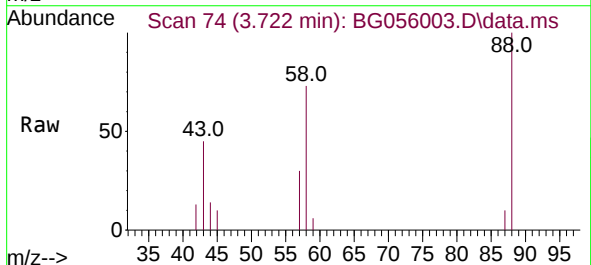
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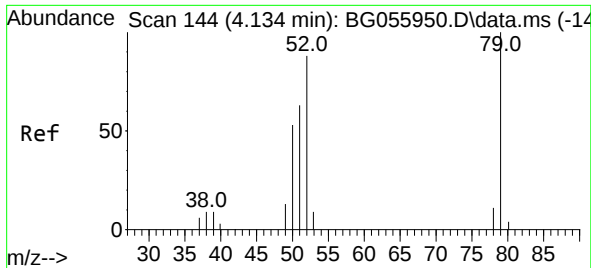
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#2
1,4-Dioxane
Concen: 36.834 ng
RT: 3.722 min Scan# 74
Delta R.T. 0.005 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

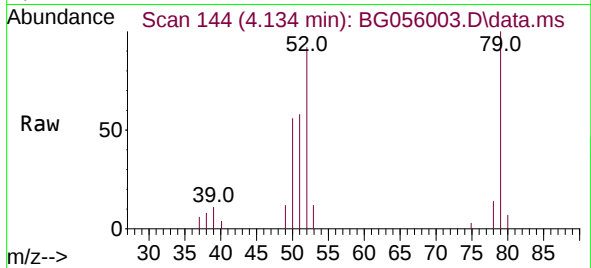
Tgt Ion: 88 Resp: 4521
Ion Ratio Lower Upper
88 100
58 80.0 67.0 100.4
43 47.5 45.7 68.5





#3
Pyridine
Concen: 29.894 ng
RT: 4.134 min Scan# 144
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

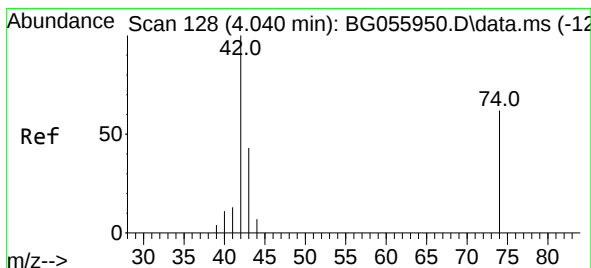
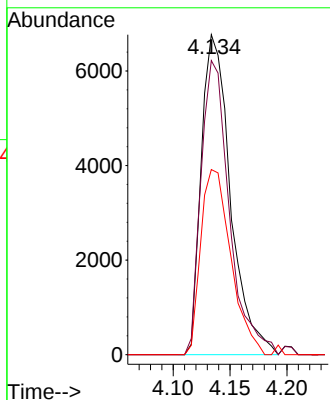
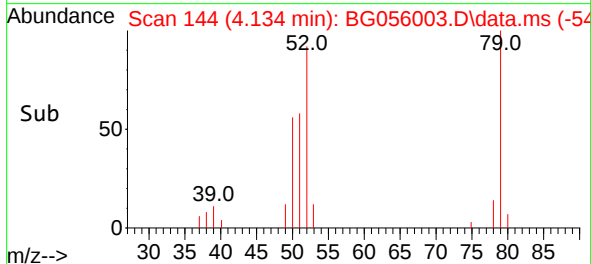
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



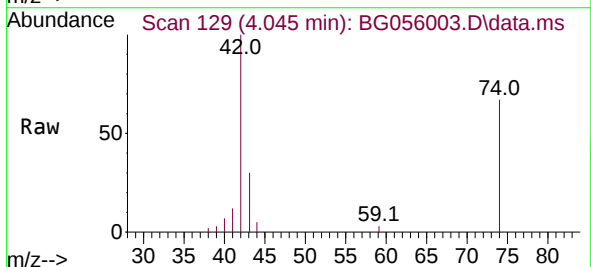
Tgt Ion: 79 Resp: 12075
Ion Ratio Lower Upper
79 100
52 91.9 70.3 105.5
51 57.9 50.6 76.0

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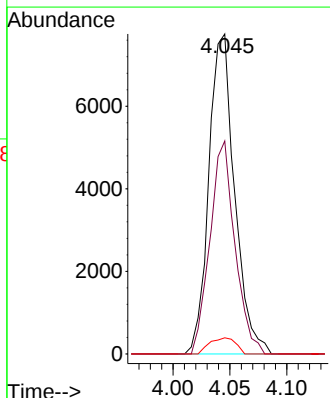
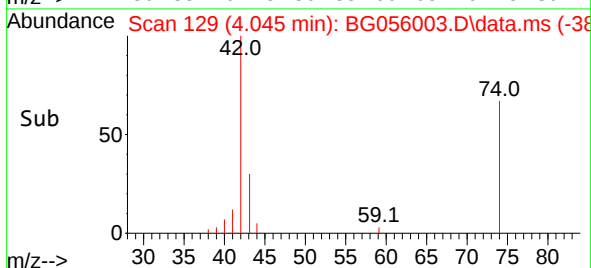
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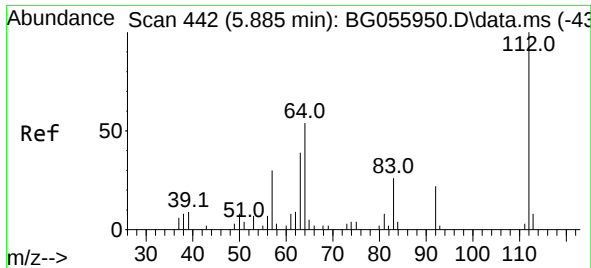


#4
n-Nitrosodimethylamine
Concen: 33.651 ng
RT: 4.045 min Scan# 129
Delta R.T. 0.005 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



Tgt Ion: 42 Resp: 12219
Ion Ratio Lower Upper
42 100
74 66.5 49.8 74.6
44 5.1 5.2 7.8#





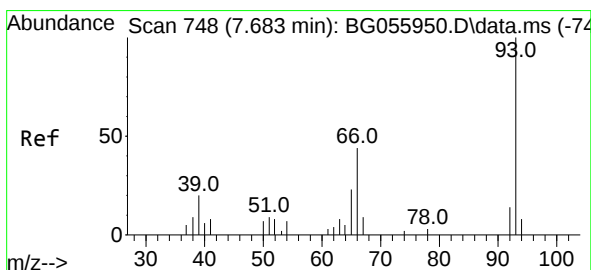
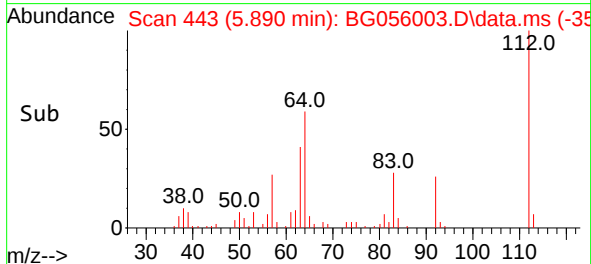
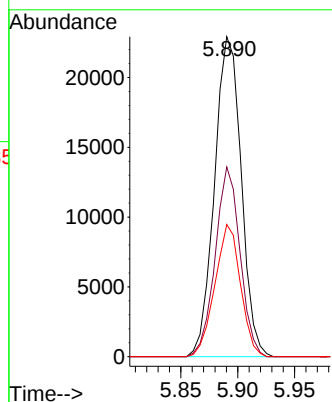
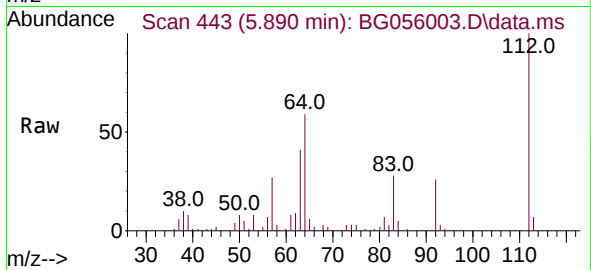
#5
2-Fluorophenol
Concen: 88.740 ng
RT: 5.890 min Scan# 442
Delta R.T. 0.005 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Tgt Ion:112 Resp: 3742
Ion Ratio Lower Upper
112 100
64 59.3 43.0 64.4
63 41.3 31.4 47.2

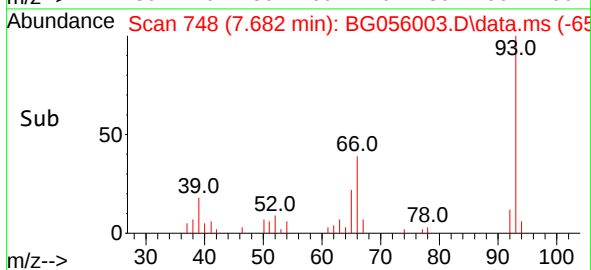
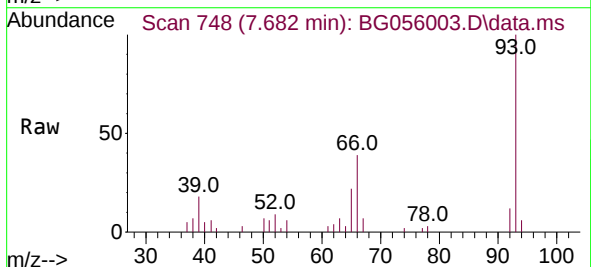
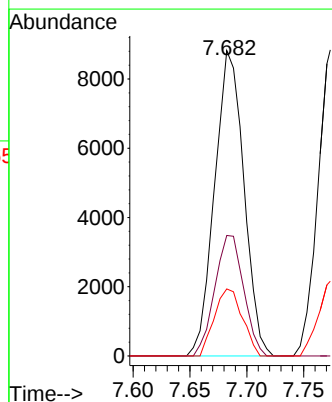
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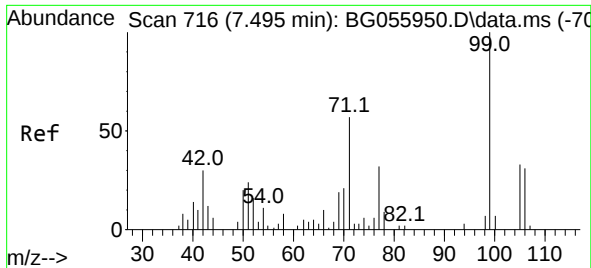
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#6
Aniline
Concen: 24.250 ng
RT: 7.682 min Scan# 748
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion: 93 Resp: 15749
Ion Ratio Lower Upper
93 100
66 39.5 35.5 53.3
65 22.0 18.2 27.2





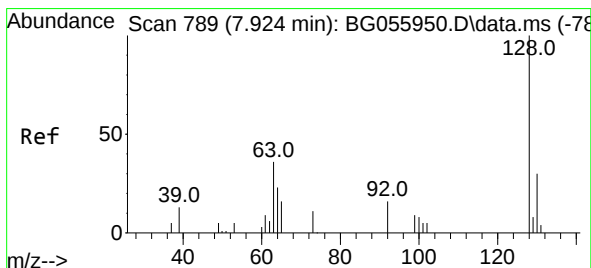
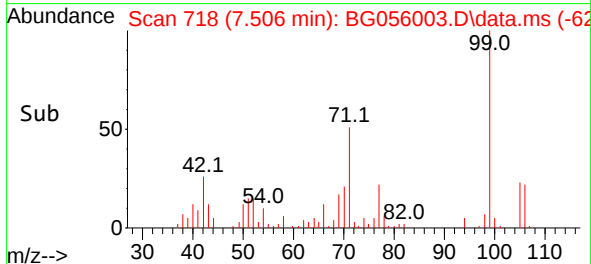
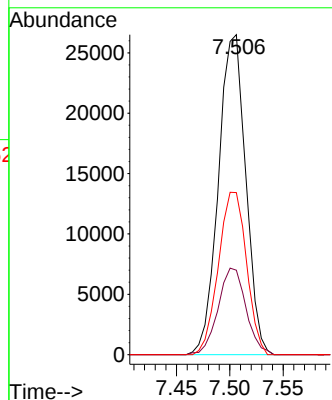
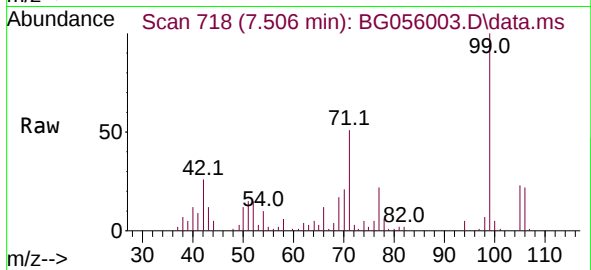
#7
Phenol-d6
Concen: 87.012 ng
RT: 7.506 min Scan# 716
Delta R.T. 0.005 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

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Tgt Ion: 99 Resp: 47199
Ion Ratio Lower Upper
99 100
42 26.4 24.3 36.5
71 50.7 45.6 68.4

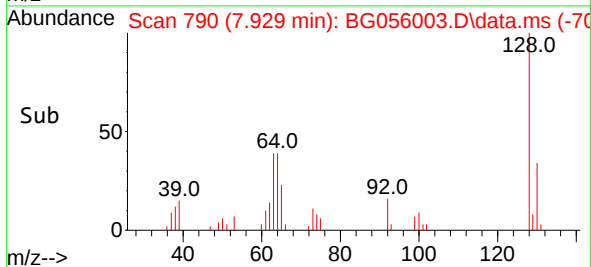
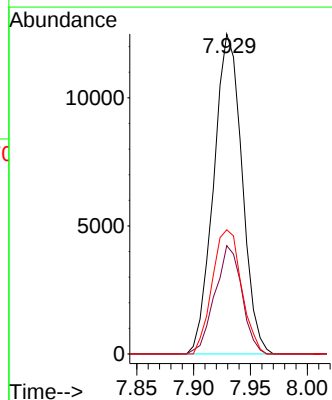
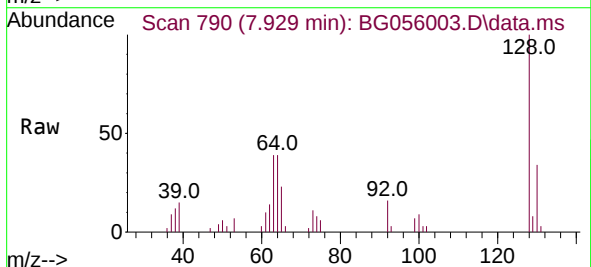
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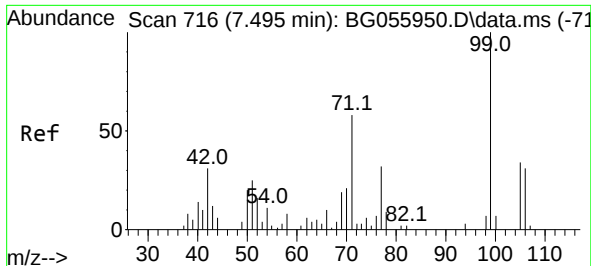
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#8
2-Chlorophenol
Concen: 39.838 ng
RT: 7.929 min Scan# 790
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:128 Resp: 21677
Ion Ratio Lower Upper
128 100
130 33.9 9.9 49.9
64 38.8 16.7 56.7





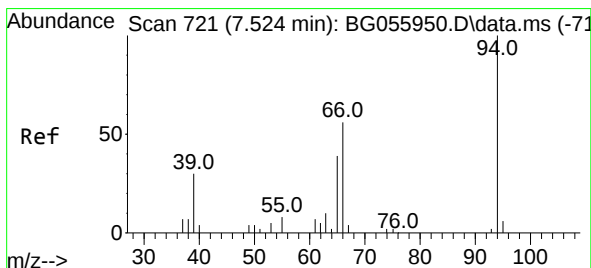
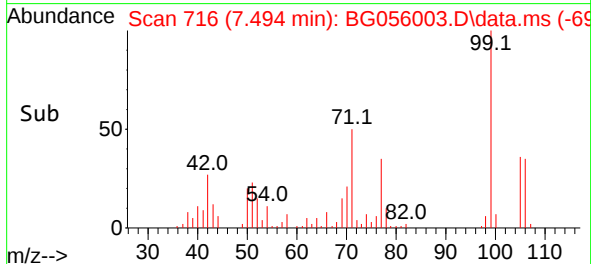
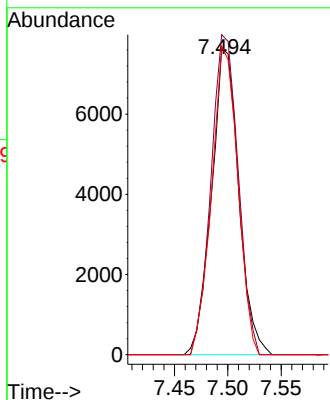
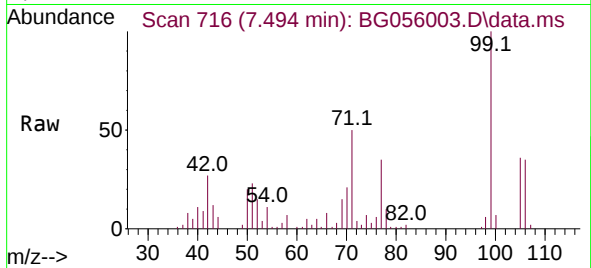
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Benzaldehyde
Concen: 39.737 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 1353
Ion Ratio Lower Upper
77 100
105 104.3 83.1 123.1
106 100.5 76.3 116.3

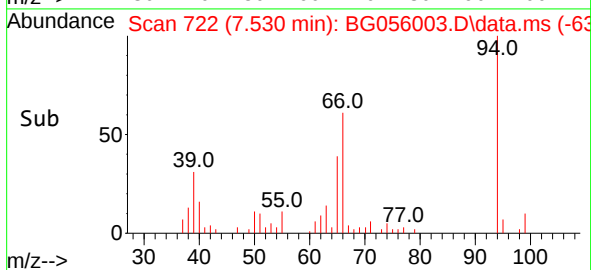
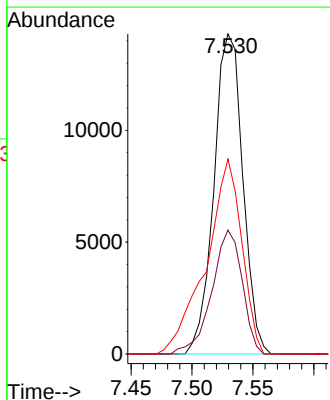
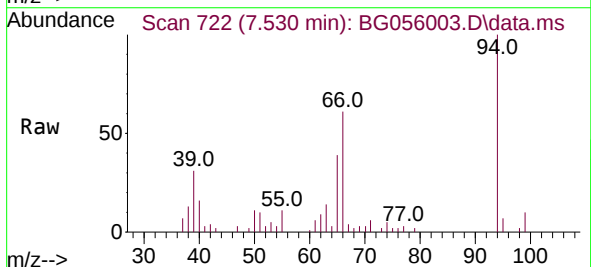
Manual Integrations
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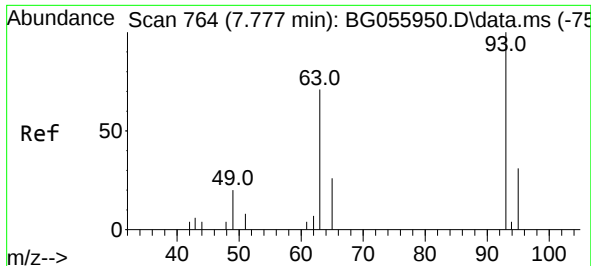
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#10
Phenol
Concen: 39.805 ng
RT: 7.530 min Scan# 722
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

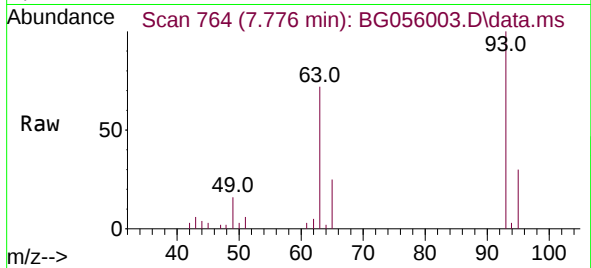
Tgt Ion: 94 Resp: 23631
Ion Ratio Lower Upper
94 100
65 38.7 18.9 58.9
66 60.9 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 37.023 ng
RT: 7.776 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

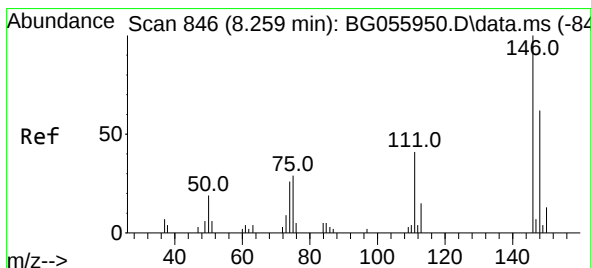
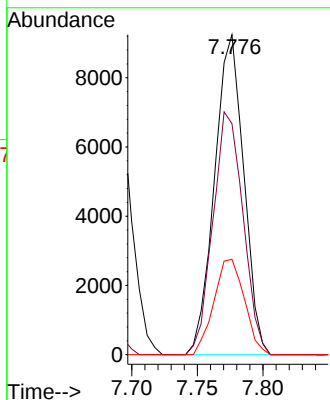
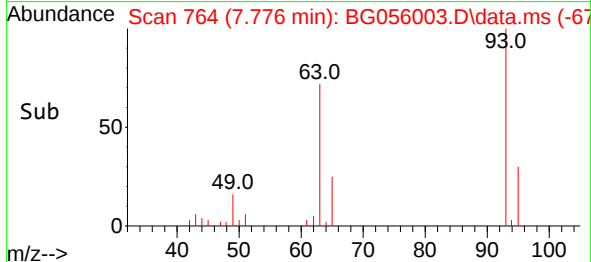
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



Tgt Ion: 93 Resp: 1431
Ion Ratio Lower Upper
93 100
63 72.2 51.4 91.4
95 29.8 11.3 51.3

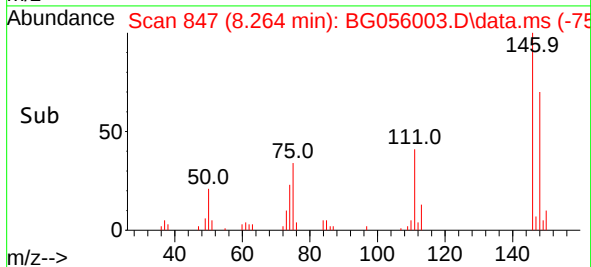
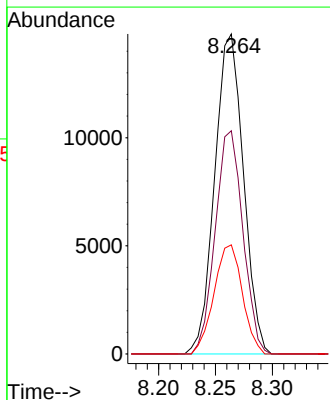
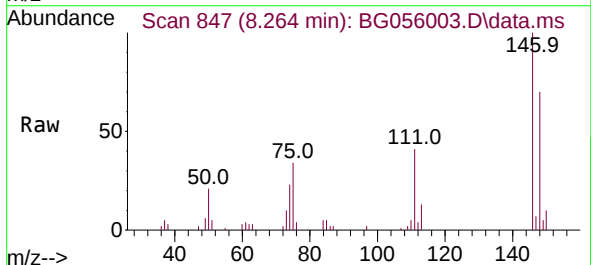
Manual Integrations
APPROVED

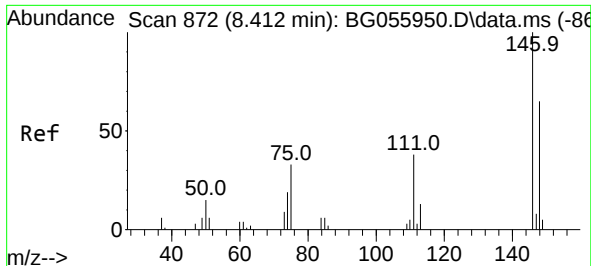
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#12
1,3-Dichlorobenzene
Concen: 36.958 ng
RT: 8.264 min Scan# 847
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:146 Resp: 26014
Ion Ratio Lower Upper
146 100
148 69.8 49.7 74.5
75 34.1 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 36.080 ng

RT: 8.411 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG056003.D

Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MS

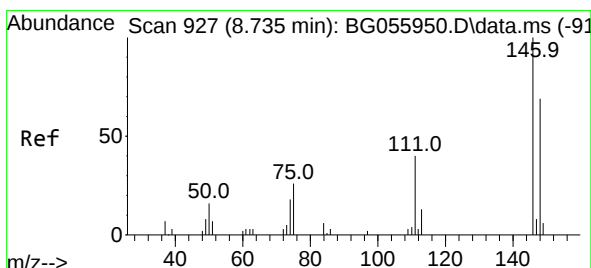
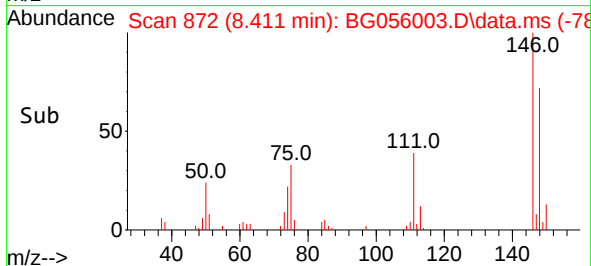
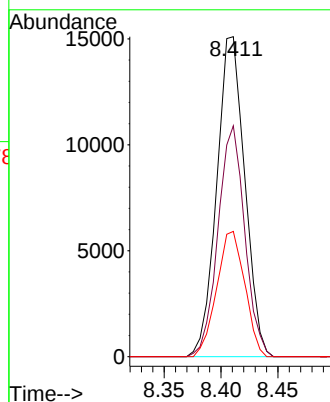
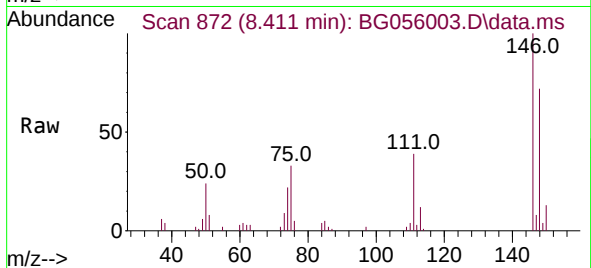
Tgt Ion:146 Resp: 25954
 Ion Ratio Lower Upper
 146 100
 148 72.2 52.4 78.6
 111 39.2 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#14

1,2-Dichlorobenzene

Concen: 38.074 ng

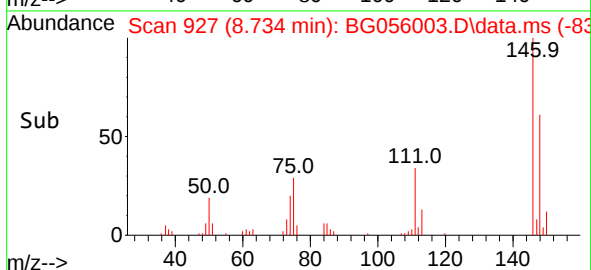
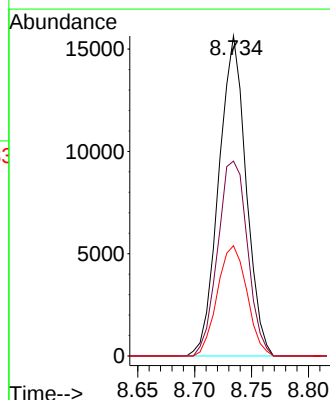
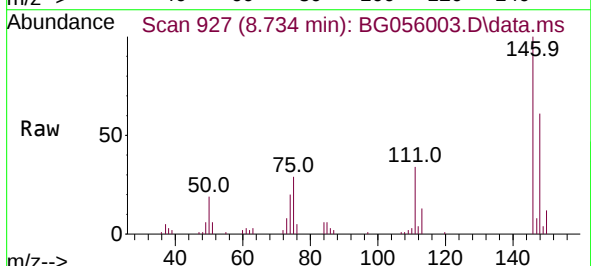
RT: 8.734 min Scan# 927

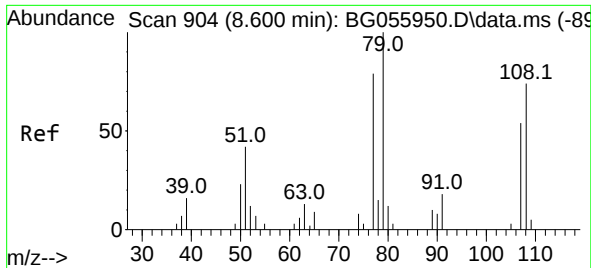
Delta R.T. -0.001 min

Lab File: BG056003.D

Acq: 16 Dec 2022 21:14

Tgt Ion:146 Resp: 26174
 Ion Ratio Lower Upper
 146 100
 148 60.9 55.1 82.7
 111 34.5 32.4 48.6





#15
Benzyl Alcohol
Concen: 36.162 ng
RT: 8.605 min Scan# 904
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

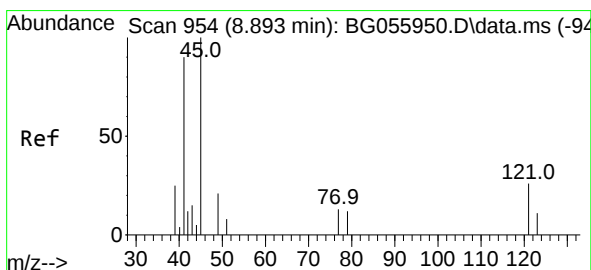
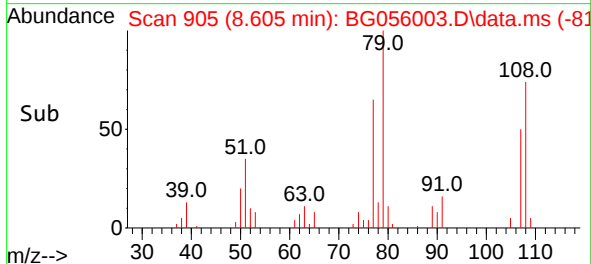
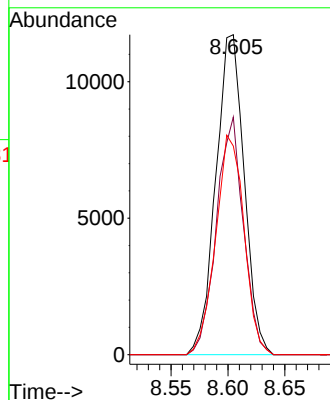
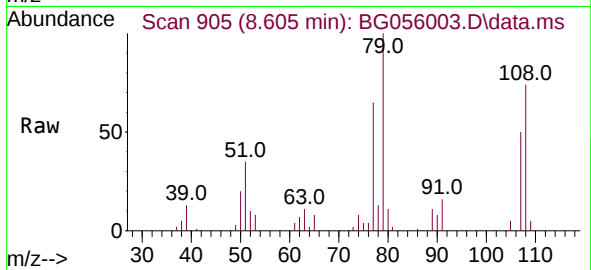
ClientSampleId :

RB-42-(3-5)MS

Tgt Ion: 79 Resp: 2038
Ion Ratio Lower Upper
79 100
108 74.2 59.5 89.3
77 65.2 63.0 94.6

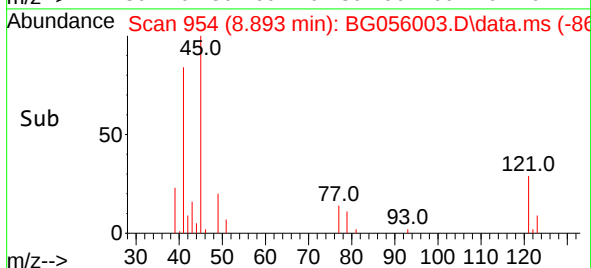
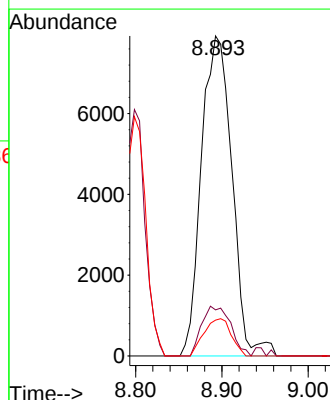
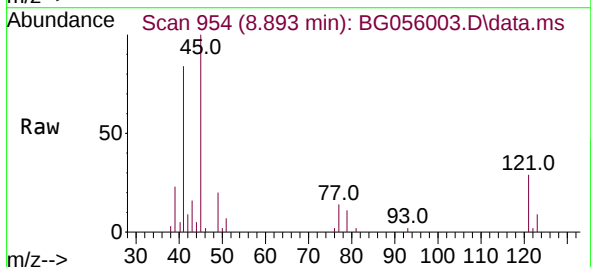
Manual Integrations
APPROVED

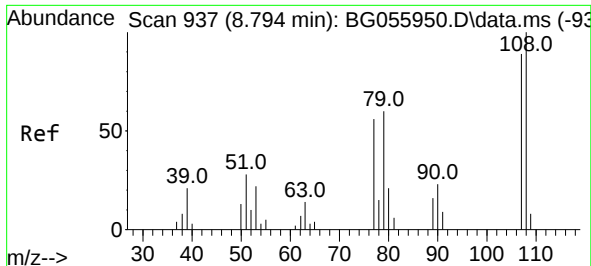
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.806 ng m
RT: 8.893 min Scan# 954
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion: 45 Resp: 19531
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.4
79 11.2 0.0 31.8





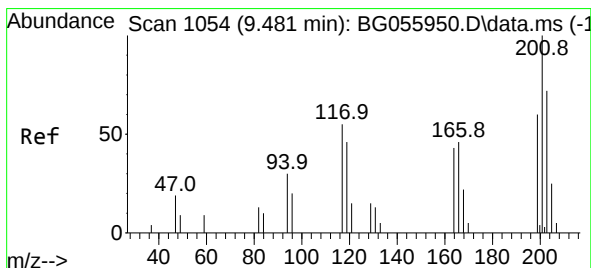
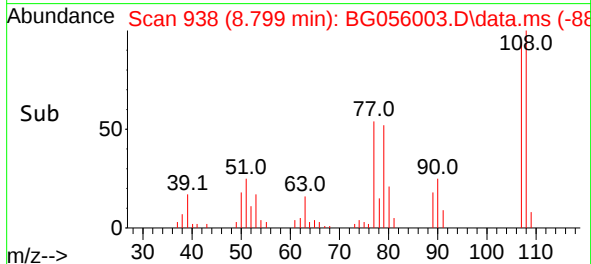
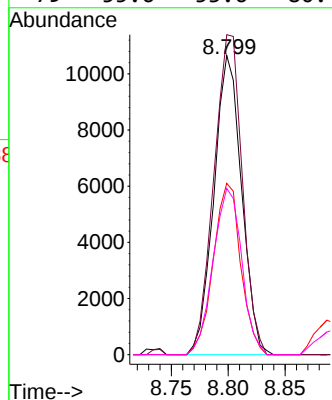
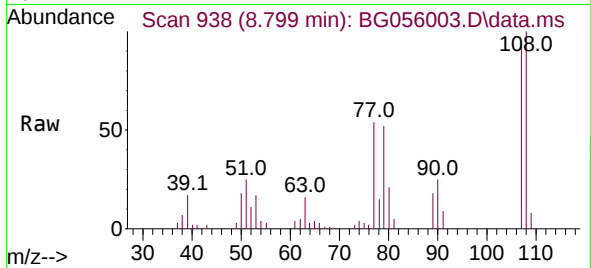
#17
2-Methylphenol
Concen: 38.624 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Tgt Ion:	107	Resp:	1804
Ion Ratio	Lower	Upper	
107	100		
108	106.9	89.8	134.8
77	57.2	50.2	75.2
79	55.6	53.6	80.4

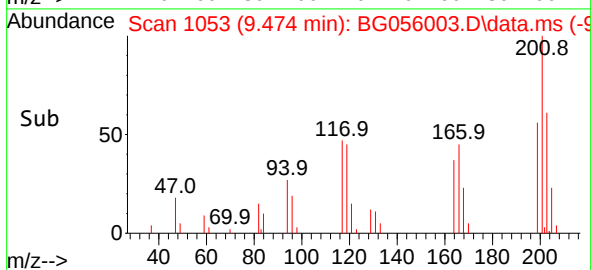
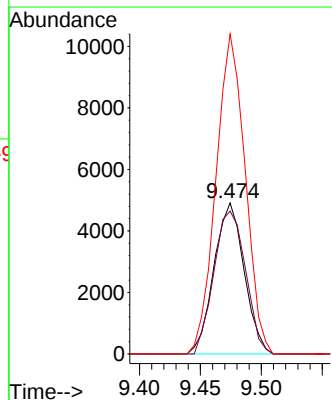
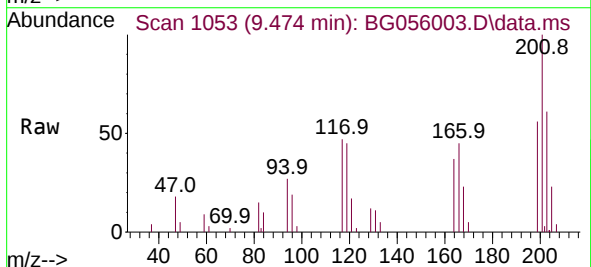
Manual Integrations
APPROVED

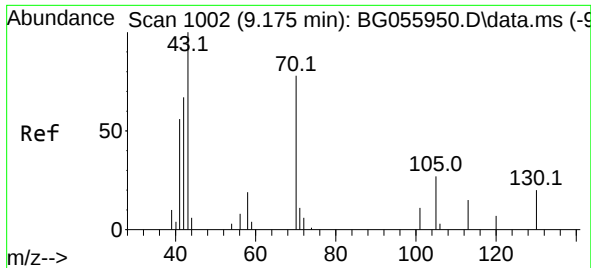
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#18
Hexachloroethane
Concen: 38.767 ng
RT: 9.474 min Scan# 1053
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

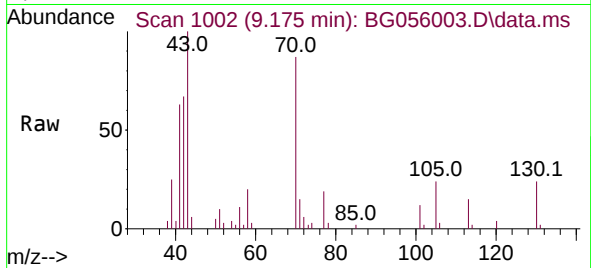
Tgt Ion:	117	Resp:	8465
Ion Ratio	Lower	Upper	
117	100		
119	94.6	66.8	100.2
201	211.8	144.6	217.0





#19
n-Nitroso-di-n-propylamine
Concen: 34.867 ng
RT: 9.175 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

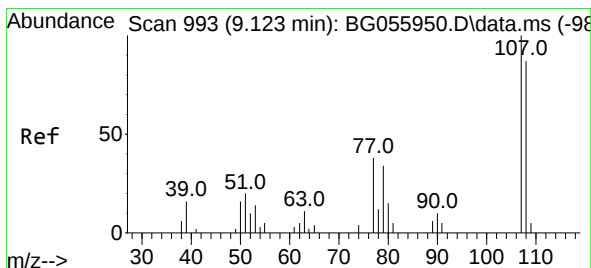
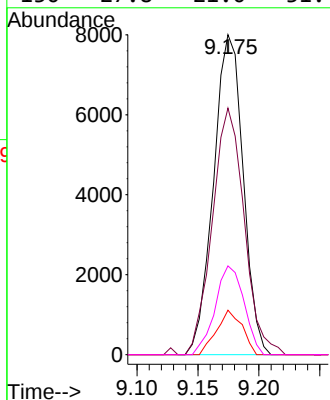
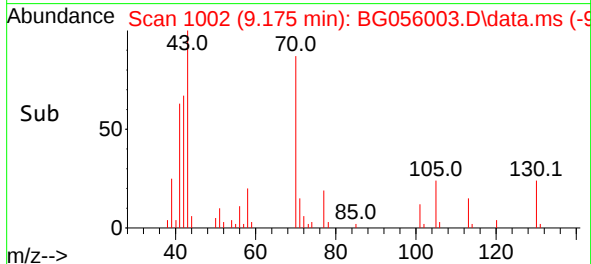
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



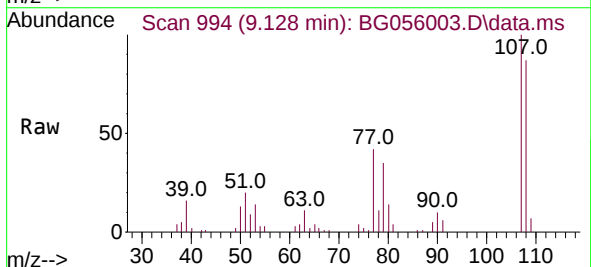
Tgt Ion: 70 Resp: 1355
Ion Ratio Lower Upper
70 100
42 77.1 69.0 103.4
101 13.9 11.8 17.8
130 27.8 21.0 31.4

Manual Integrations
APPROVED

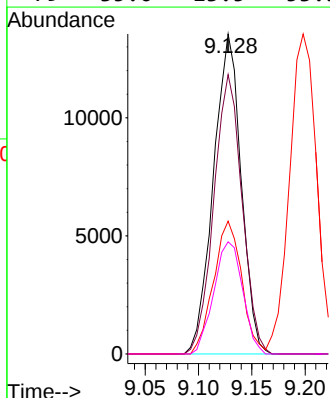
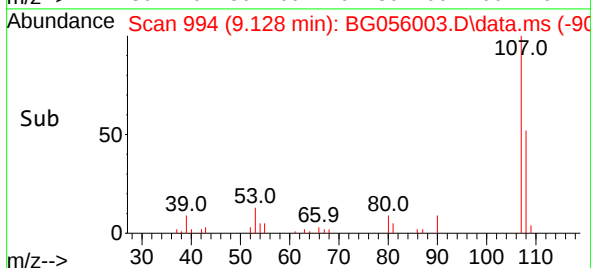
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

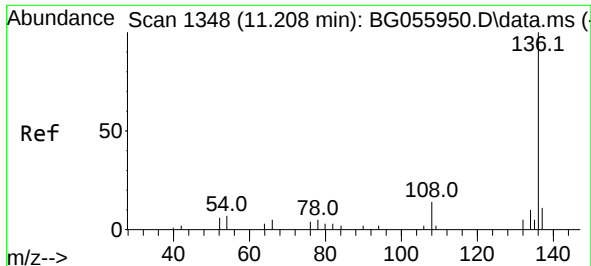


#20
3+4-Methylphenols
Concen: 36.683 ng
RT: 9.128 min Scan# 994
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



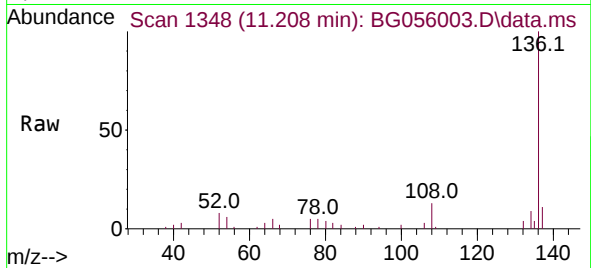
Tgt Ion:107 Resp: 24452
Ion Ratio Lower Upper
107 100
108 87.3 67.0 107.0
77 41.5 18.3 58.3
79 35.0 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.208 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

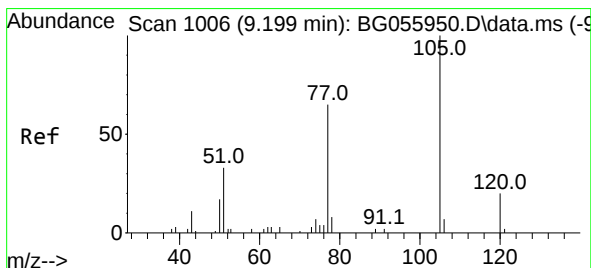
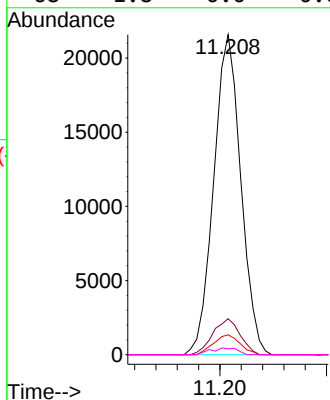
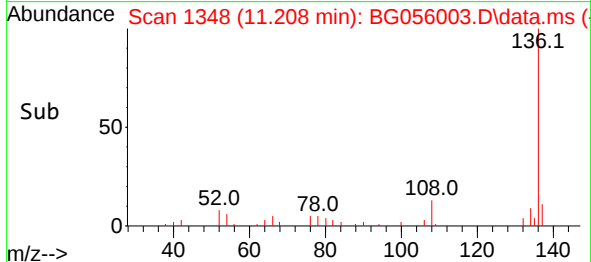
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



Tgt Ion:136 Resp: 3797
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.2 5.6 8.4
68 1.8 0.0 0.0#

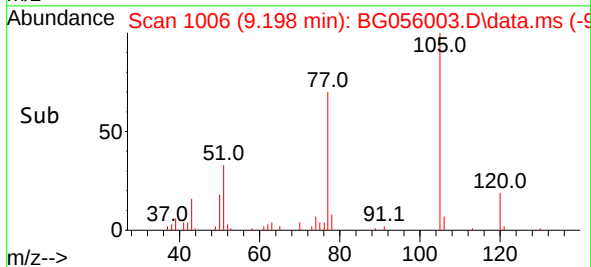
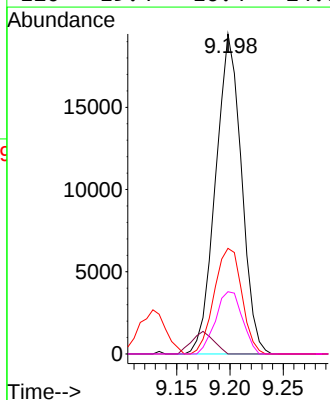
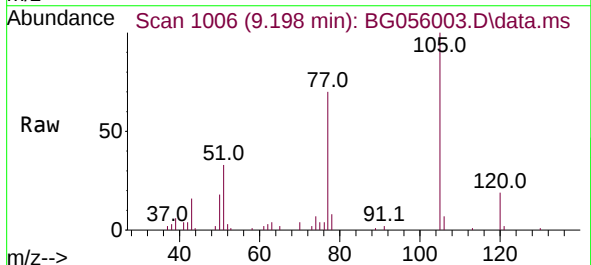
Manual Integrations
APPROVED

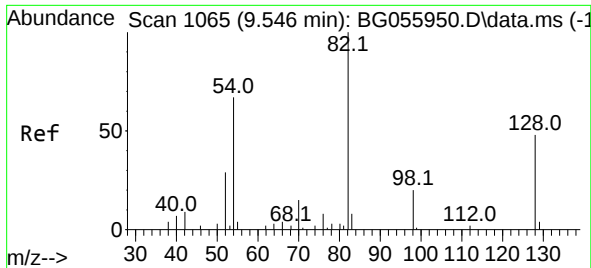
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#22
Acetophenone
Concen: 34.824 ng
RT: 9.198 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:105 Resp: 32781
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 33.0 26.7 40.1
120 19.4 16.4 24.6





#23
Nitrobenzene-d5
Concen: 56.242 ng
RT: 9.545 min Scan# 1065
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

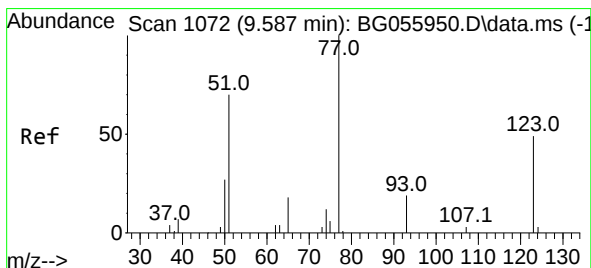
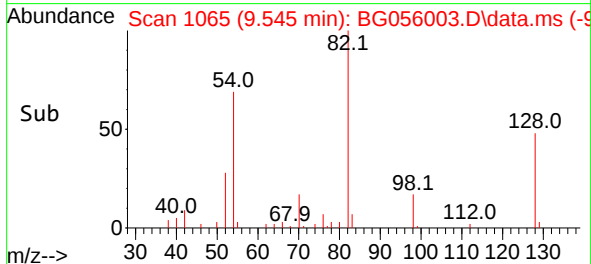
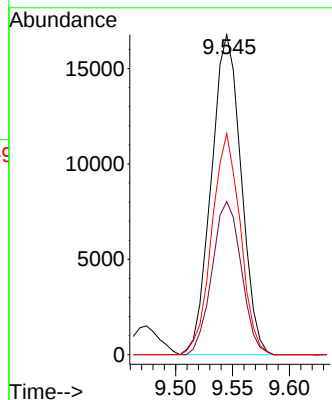
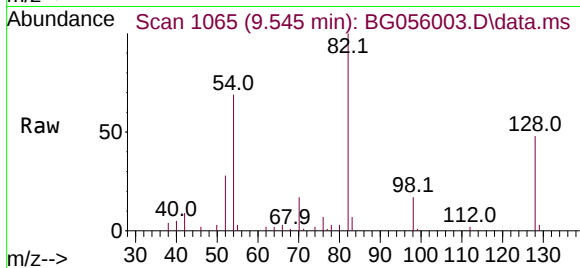
ClientSampleId :

RB-42-(3-5)MS

Tgt Ion: 82 Resp: 3056
Ion Ratio Lower Upper
82 100
128 47.8 38.4 57.6
54 69.1 53.3 79.9

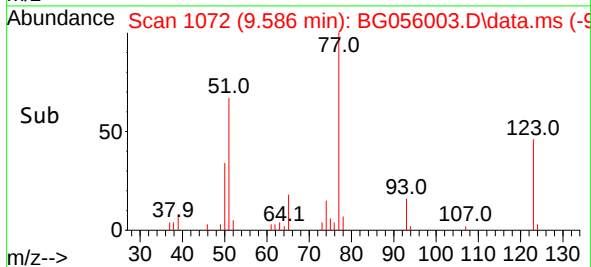
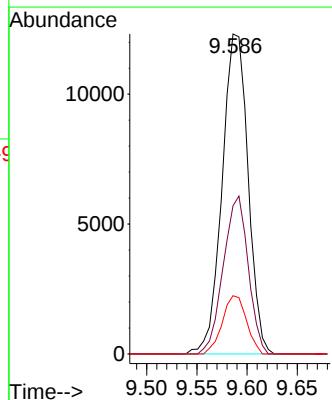
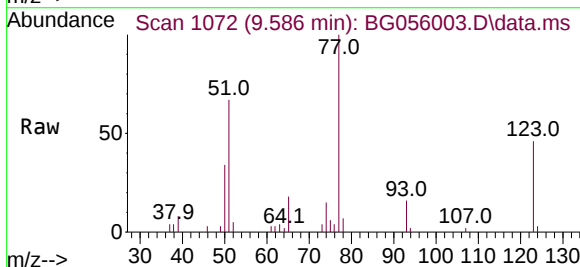
Manual Integrations
APPROVED

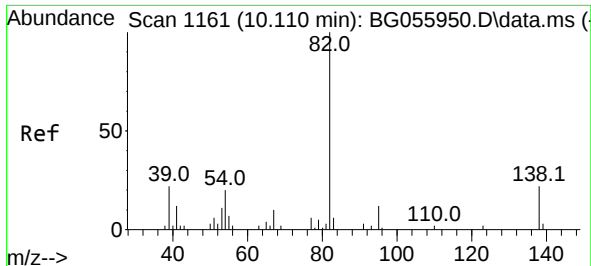
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#24
Nitrobenzene
Concen: 40.466 ng
RT: 9.586 min Scan# 1072
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion: 77 Resp: 22133
Ion Ratio Lower Upper
77 100
123 46.3 38.9 58.3
65 18.2 14.7 22.1





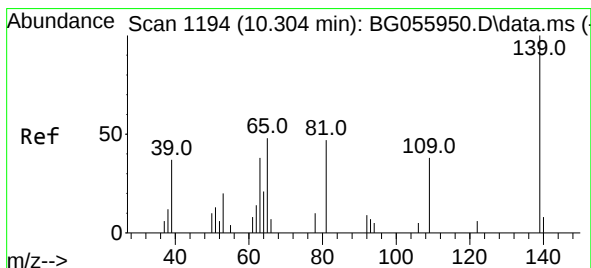
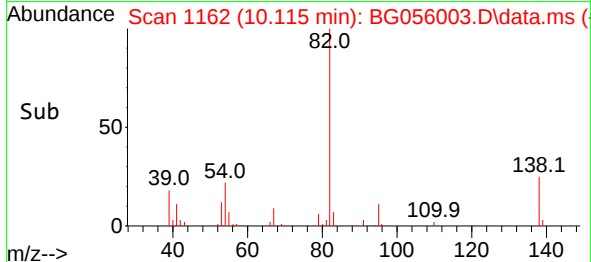
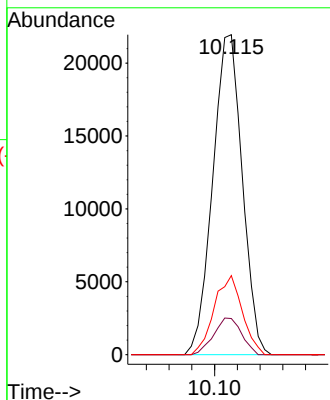
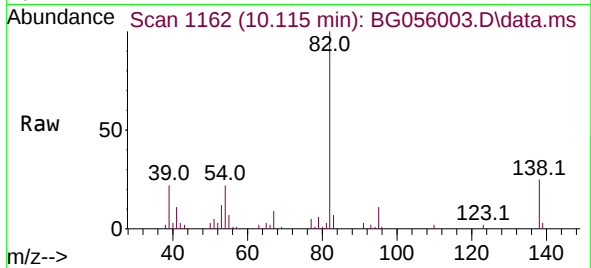
#25
Isophorone
Concen: 34.682 ng
RT: 10.115 min Scan# 1161
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Tgt Ion: 82 Resp: 39518
Ion Ratio Lower Upper
82 100
95 11.3 9.4 14.0
138 24.7 17.7 26.5

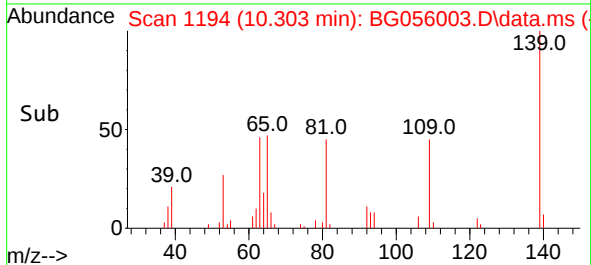
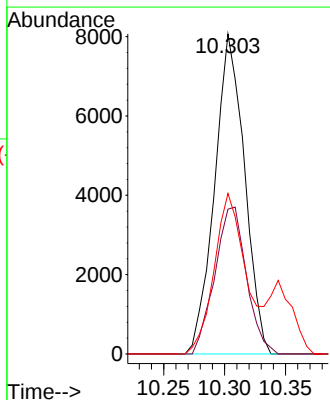
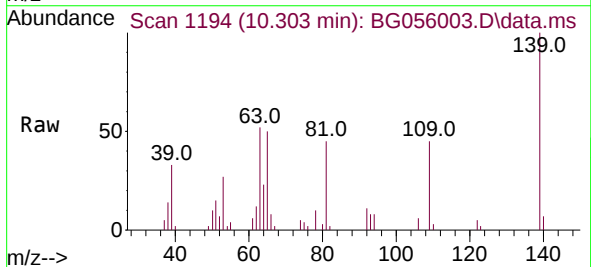
Manual Integrations
APPROVED

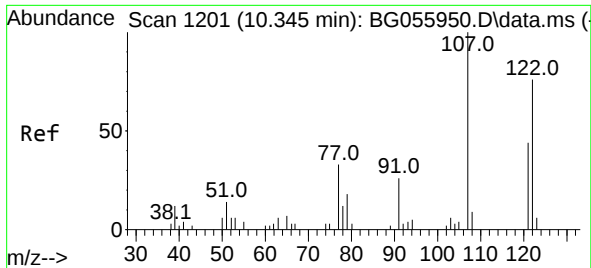
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#26
2-Nitrophenol
Concen: 42.495 ng
RT: 10.303 min Scan# 1194
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:139 Resp: 13759
Ion Ratio Lower Upper
139 100
109 45.2 30.7 46.1
65 50.2 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 42.198 ng m
RT: 10.344 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

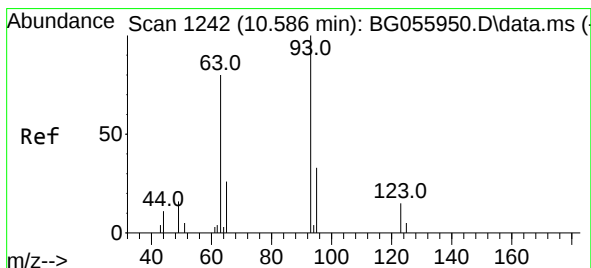
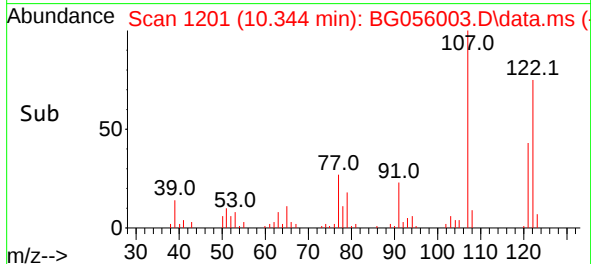
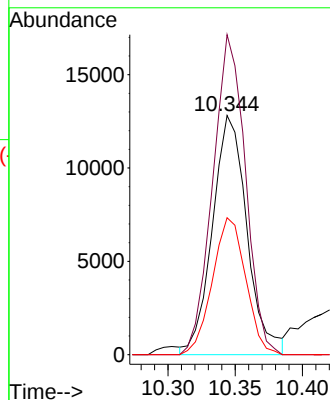
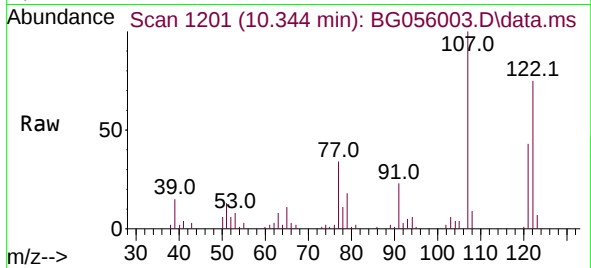
RB-42-(3-5)MS

Tgt Ion:122 Resp: 22940
Ion Ratio Lower Upper
122 100
107 133.8 105.9 158.9
121 57.3 46.1 69.1

Manual Integrations

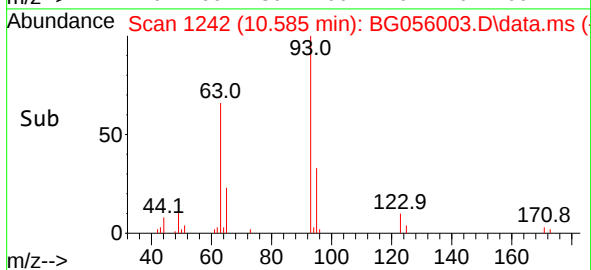
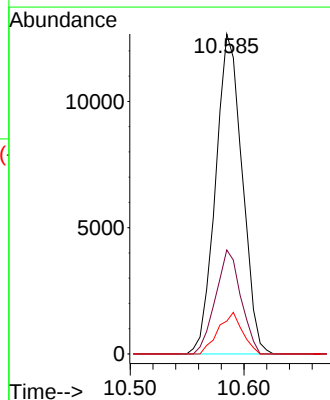
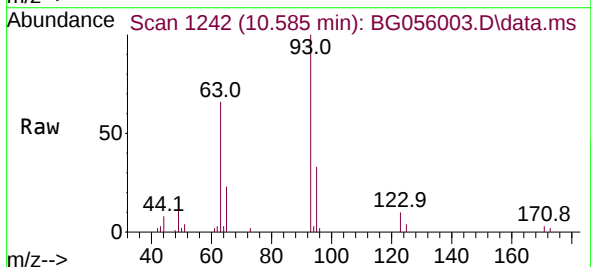
APPROVED

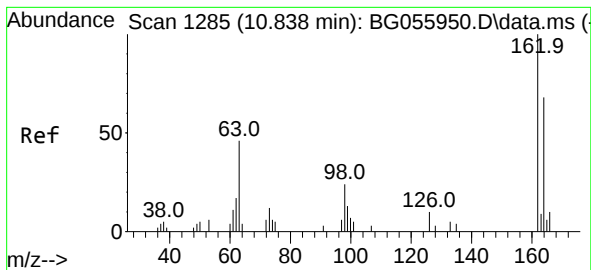
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 40.901 ng
RT: 10.585 min Scan# 1242
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

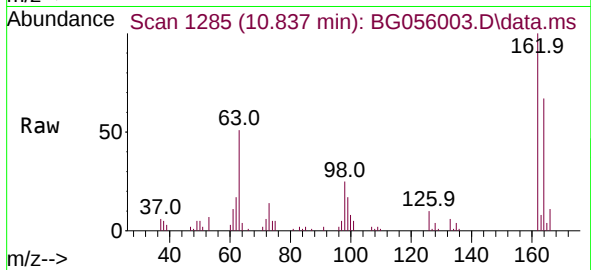
Tgt Ion: 93 Resp: 20597
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 10.3 12.2 18.2#





#29
2,4-Dichlorophenol
Concen: 37.925 ng
RT: 10.837 min Scan# 1285
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

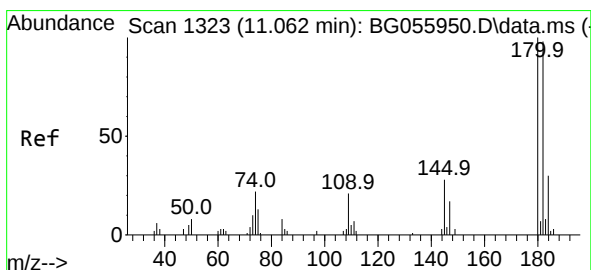
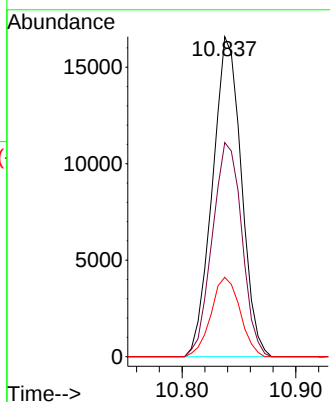
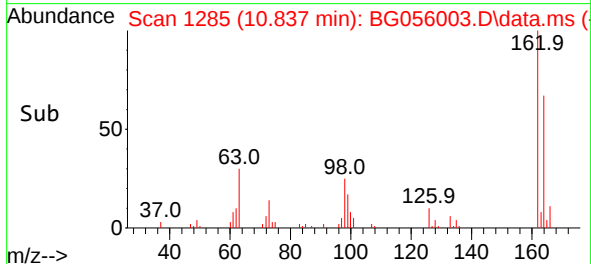
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



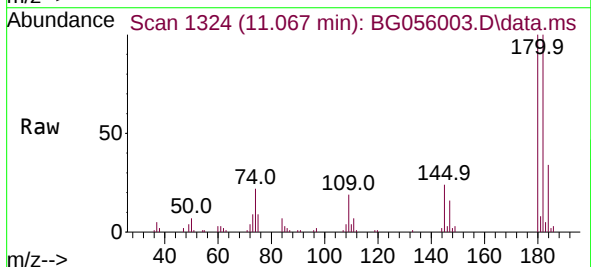
Tgt Ion:162 Resp: 2927
Ion Ratio Lower Upper
162 100
164 66.9 47.5 87.5
98 24.8 4.3 44.3

Manual Integrations
APPROVED

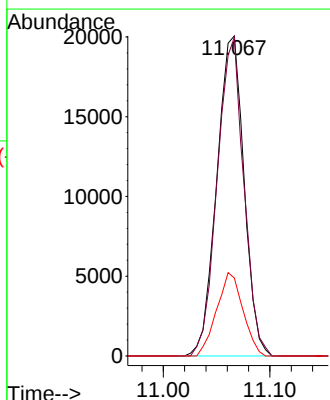
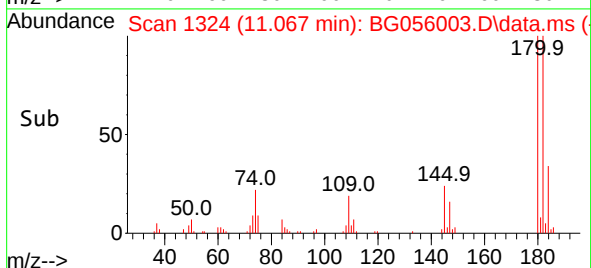
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

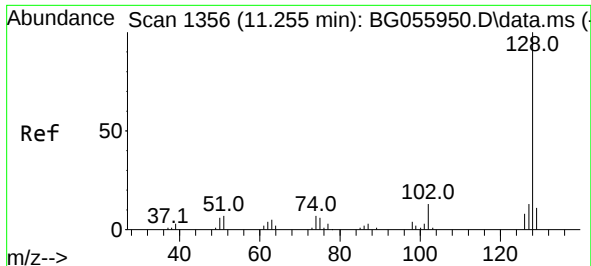


#30
1,2,4-Trichlorobenzene
Concen: 35.380 ng
RT: 11.067 min Scan# 1324
Delta R.T. 0.005 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



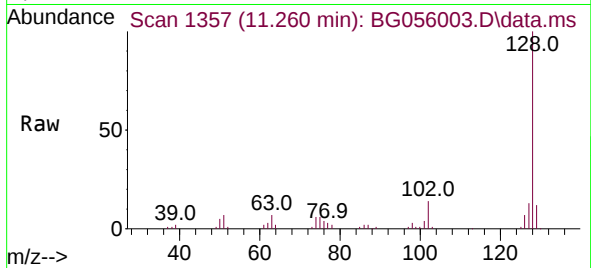
Tgt Ion:180 Resp: 35497
Ion Ratio Lower Upper
180 100
182 99.6 78.1 117.1
145 24.4 22.4 33.6





#31
Naphthalene
Concen: 34.756 ng
RT: 11.260 min Scan# 1122
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

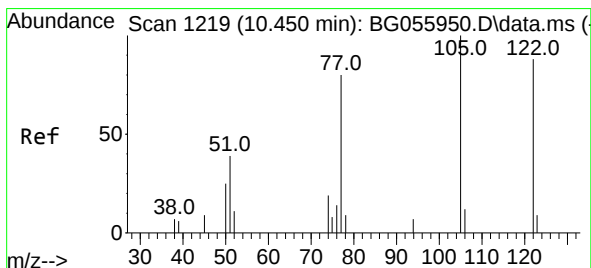
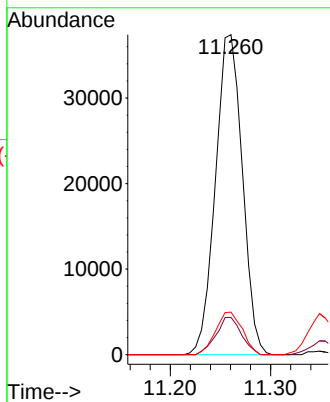
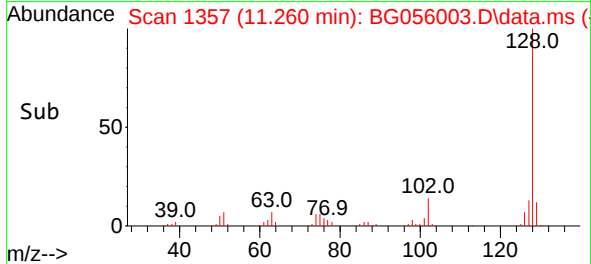
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



Tgt Ion:128 Resp: 69638
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.3 10.3 15.5

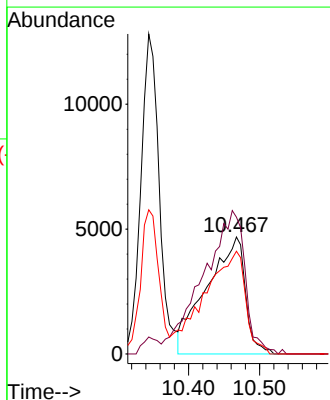
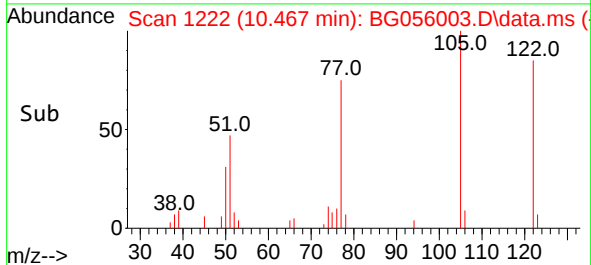
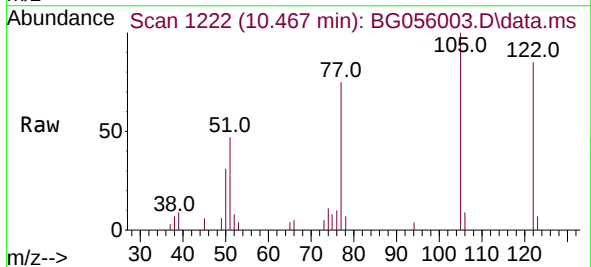
Manual Integrations
APPROVED

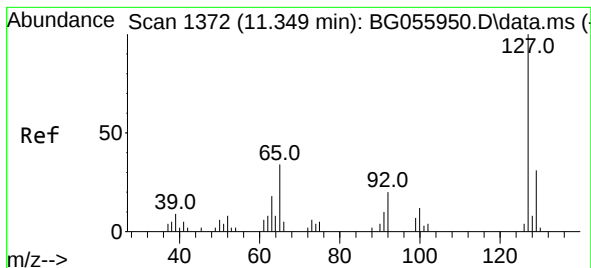
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#32
Benzoic acid
Concen: 39.187 ng
RT: 10.467 min Scan# 1222
Delta R.T. 0.011 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:122 Resp: 17734
Ion Ratio Lower Upper
122 100
105 117.0 90.6 130.6
77 87.8 61.0 101.0





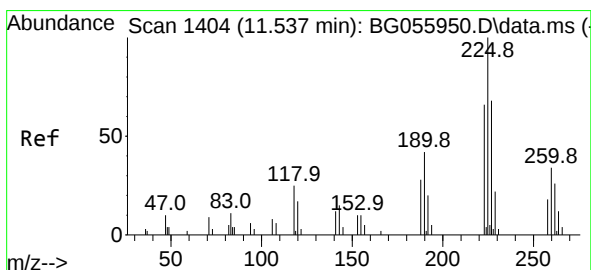
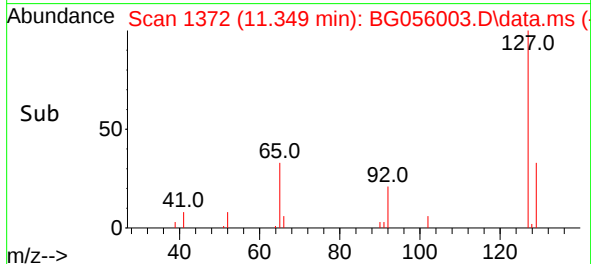
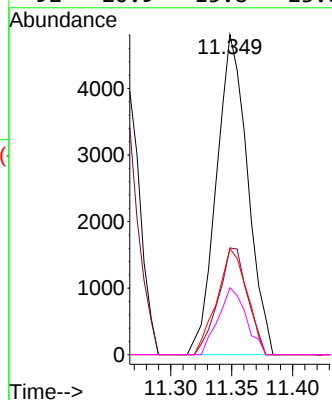
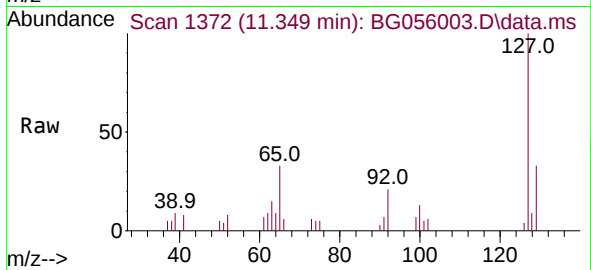
#33
4-Chloroaniline
Concen: 9.948 ng
RT: 11.349 min Scan# 1137
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Tgt Ion:127	Resp:	8549
Ion Ratio	Lower	Upper
127	100	
129	33.3	24.5 36.7
65	33.1	27.1 40.7
92	20.9	15.8 23.8

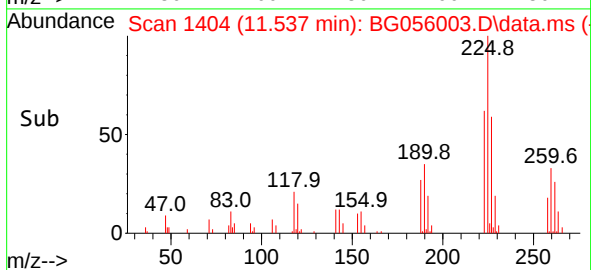
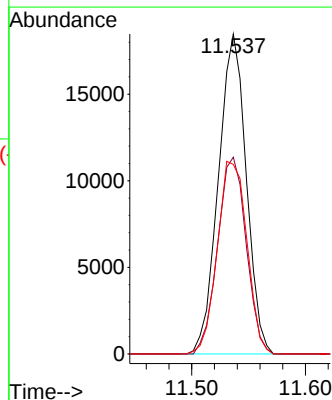
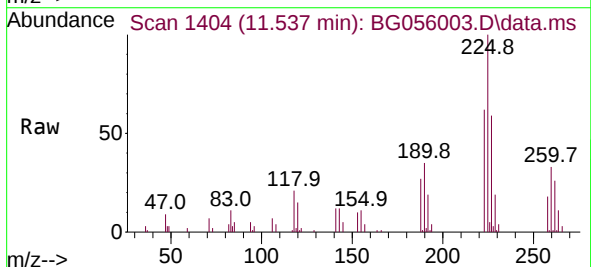
Manual Integrations
APPROVED

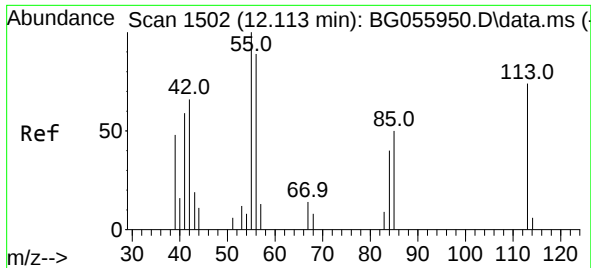
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#34
Hexachlorobutadiene
Concen: 33.347 ng
RT: 11.537 min Scan# 1404
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:225	Resp:	31454
Ion Ratio	Lower	Upper
225	100	
223	61.5	53.2 79.8
227	59.3	54.7 82.1





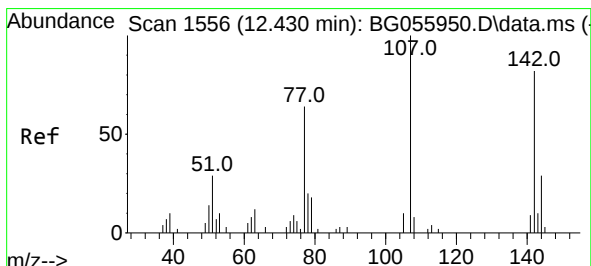
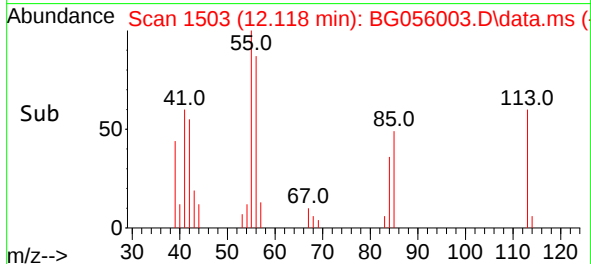
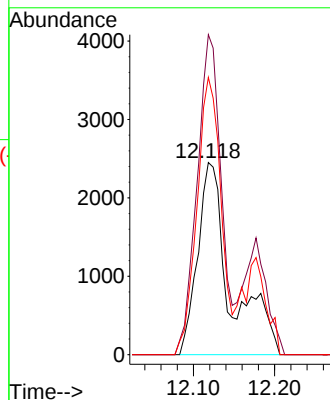
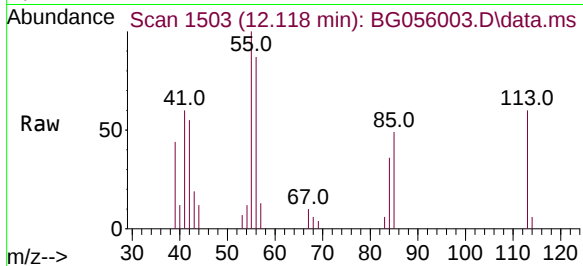
#35
Caprolactam
Concen: 31.804 ng m
RT: 12.118 min Scan# 1502
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Tgt Ion:113 Resp: 6839
Ion Ratio Lower Upper
113 100
55 166.5 114.8 154.8
56 144.3 99.8 139.8

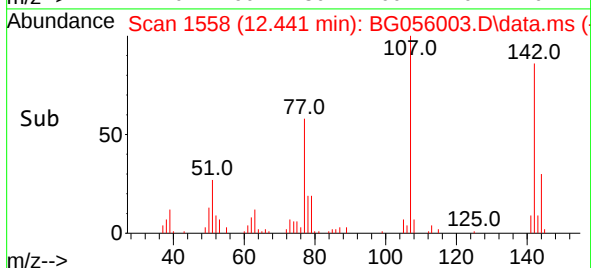
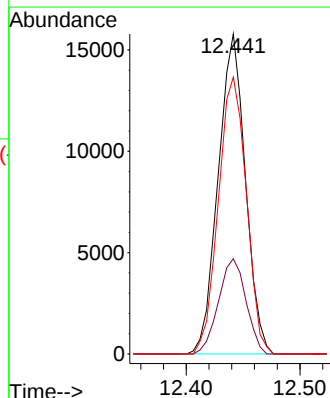
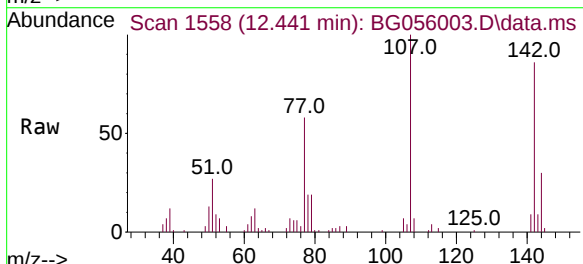
Manual Integrations
APPROVED

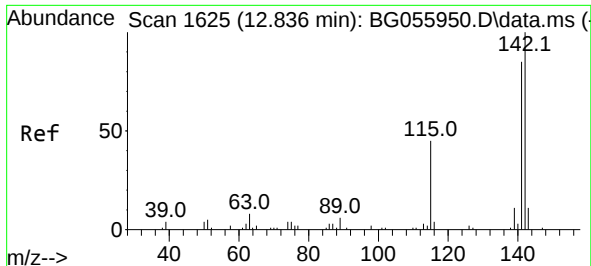
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#36
4-Chloro-3-methylphenol
Concen: 36.266 ng
RT: 12.441 min Scan# 1558
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:107 Resp: 26246
Ion Ratio Lower Upper
107 100
144 29.7 23.3 34.9
142 86.5 65.6 98.4





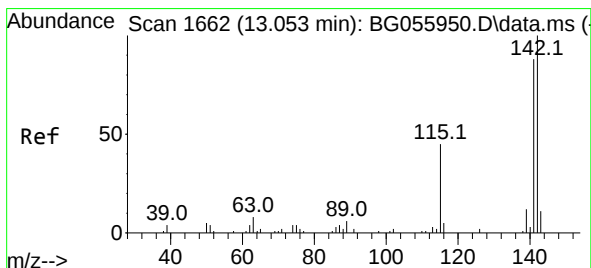
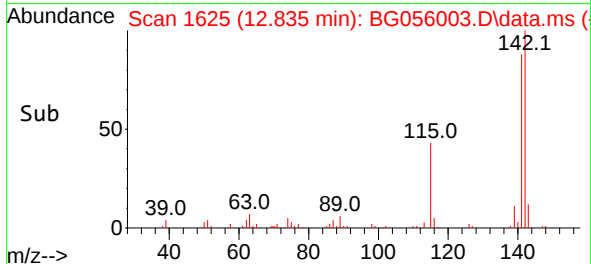
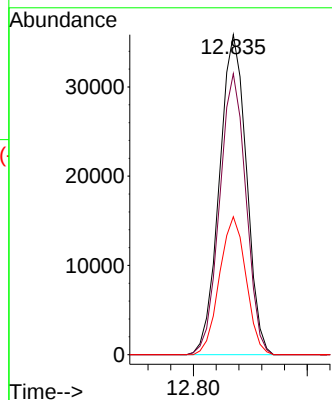
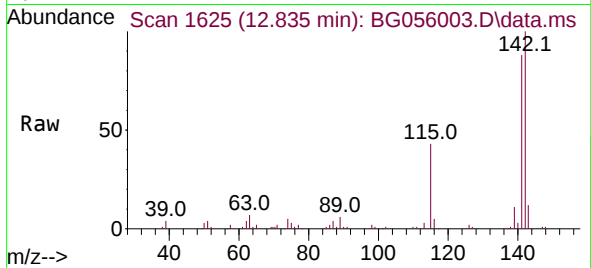
#37
2-Methylnaphthalene
Concen: 33.452 ng
RT: 12.835 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Tgt Ion:142 Resp: 59210
Ion Ratio Lower Upper
142 100
141 87.8 67.8 101.6
115 43.1 35.7 53.5

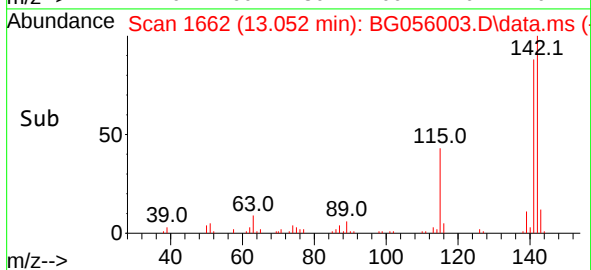
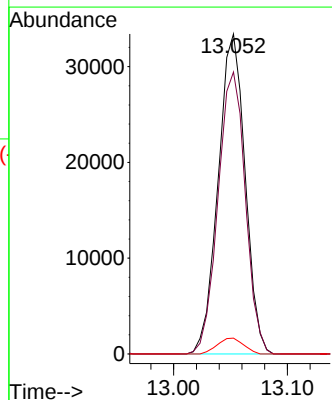
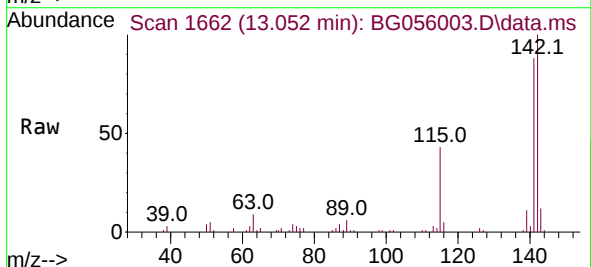
Manual Integrations
APPROVED

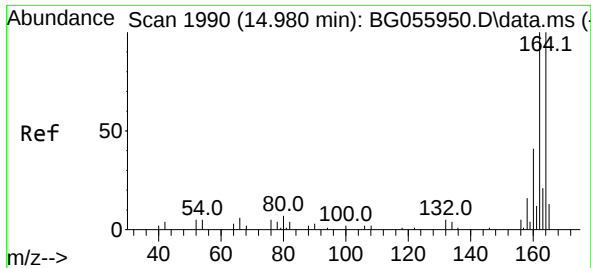
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#38
1-Methylnaphthalene
Concen: 31.864 ng
RT: 13.052 min Scan# 1662
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

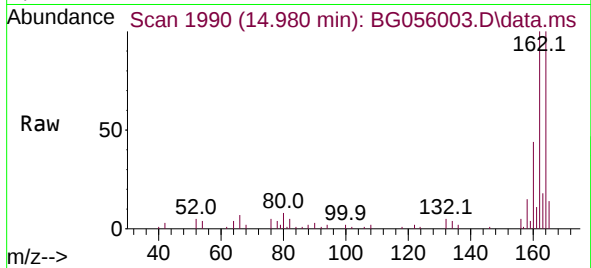
Tgt Ion:142 Resp: 54950
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.2
116 5.0 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.980 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

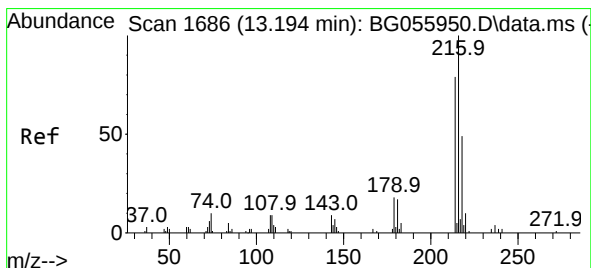
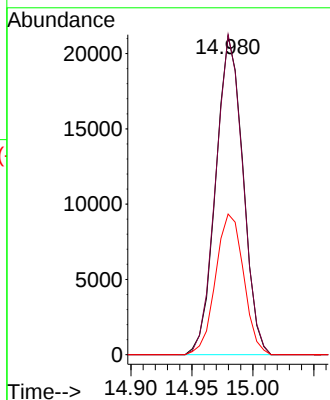
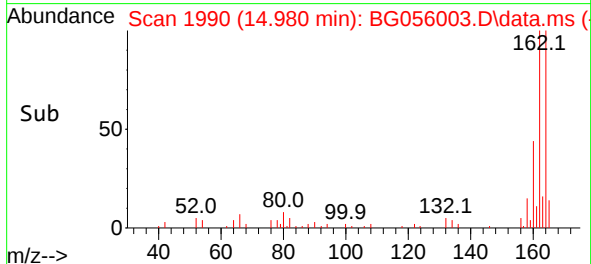
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



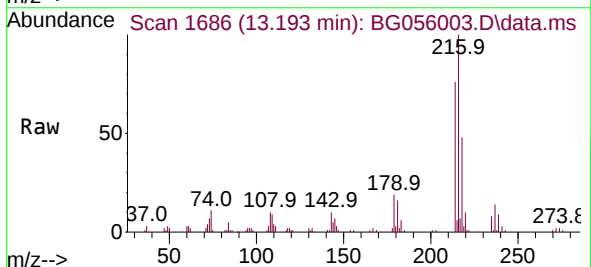
Tgt Ion:164 Resp: 32860
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.1 33.0 49.4

Manual Integrations
APPROVED

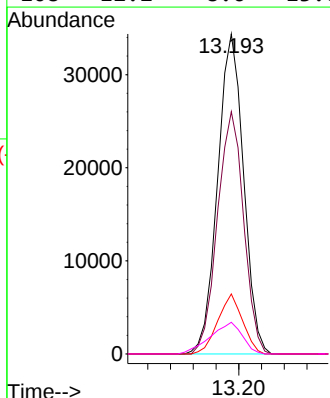
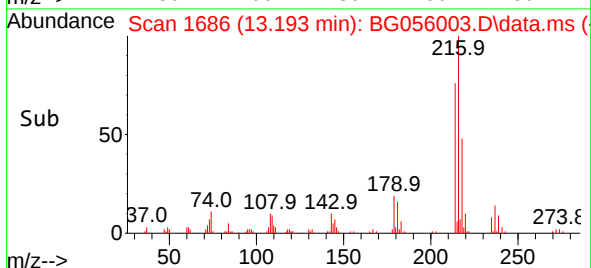
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

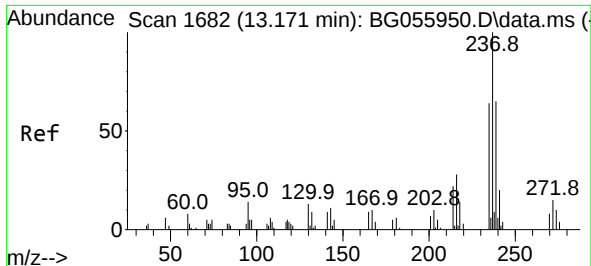


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.267 ng
RT: 13.193 min Scan# 1686
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



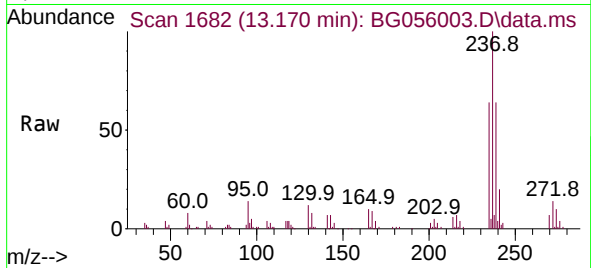
Tgt Ion:216 Resp: 54440
Ion Ratio Lower Upper
216 100
214 76.3 61.5 92.3
179 17.9 14.6 21.8
108 12.2 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 91.656 ng
RT: 13.170 min Scan# 1682
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

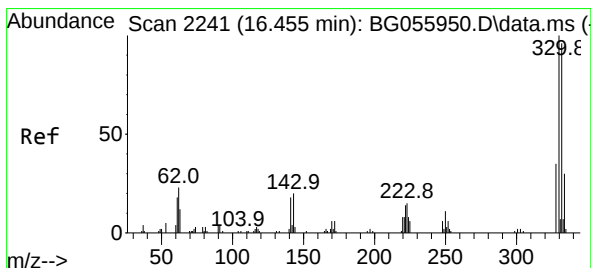
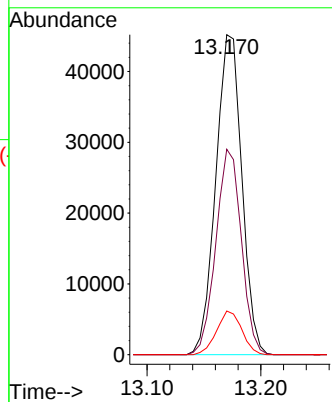
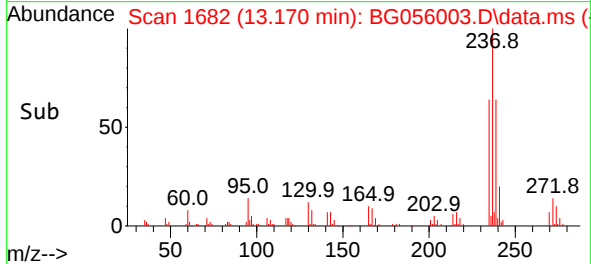
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



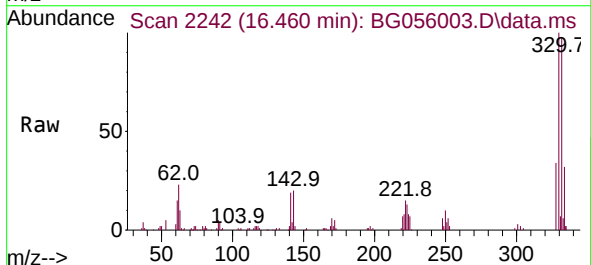
Tgt Ion:237 Resp: 72090
Ion Ratio Lower Upper
237 100
235 64.2 43.7 83.7
272 13.6 0.0 35.1

Manual Integrations
APPROVED

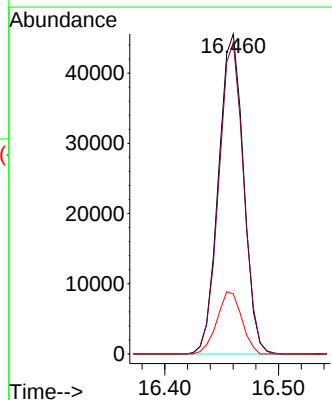
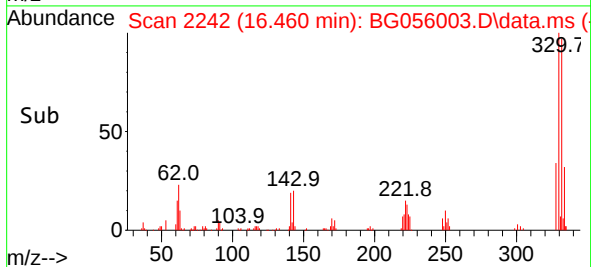
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

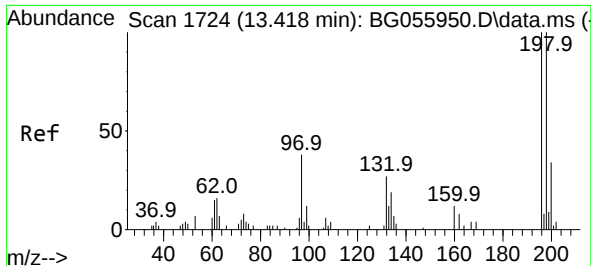


#42
2,4,6-Tribromophenol
Concen: 87.866 ng
RT: 16.460 min Scan# 2242
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



Tgt Ion:330 Resp: 69621
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 19.2 15.0 22.4





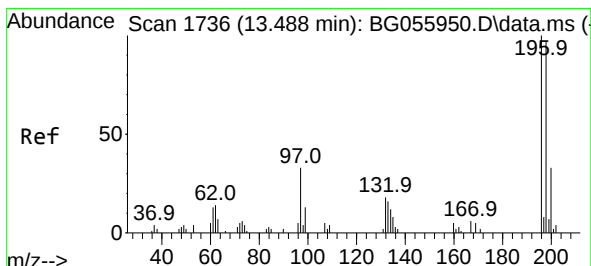
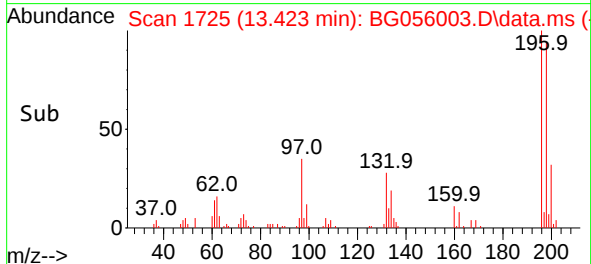
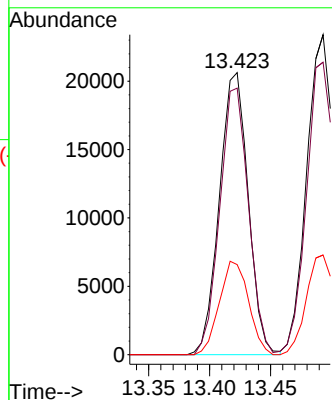
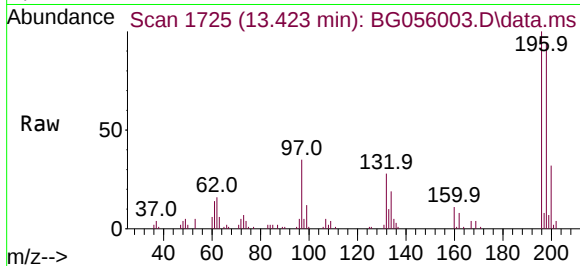
#43
2,4,6-Trichlorophenol
Concen: 41.421 ng
RT: 13.423 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Tgt Ion:196 Resp: 33994
Ion Ratio Lower Upper
196 100
198 94.5 80.2 120.4
200 31.9 27.6 41.4

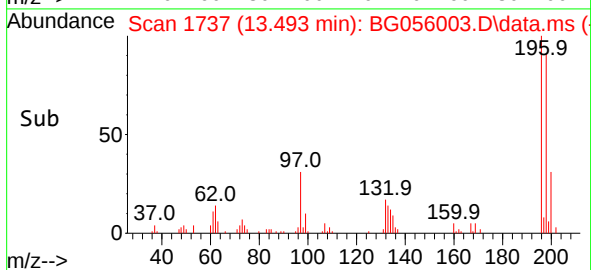
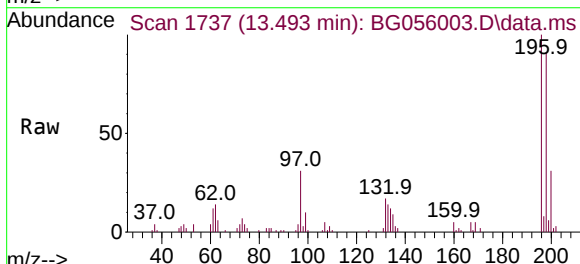
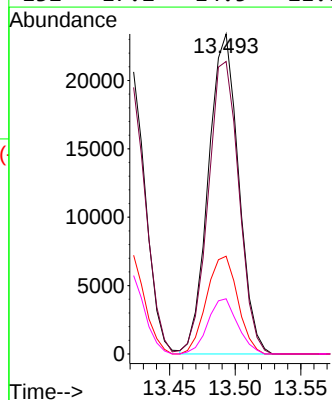
Manual Integrations
APPROVED

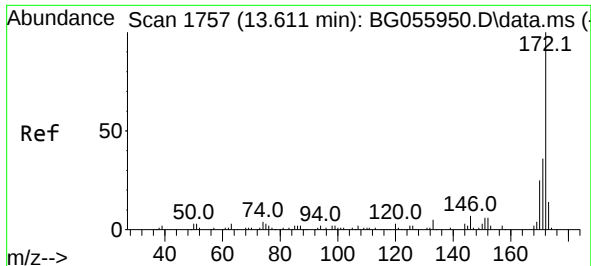
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#44
2,4,5-Trichlorophenol
Concen: 40.569 ng
RT: 13.493 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

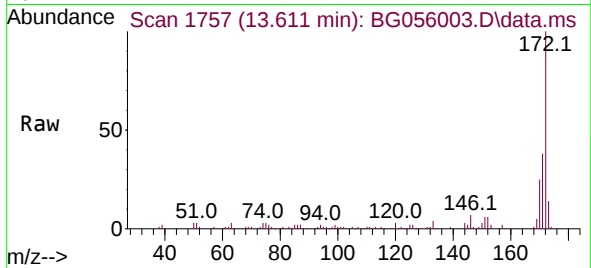
Tgt Ion:196 Resp: 37532
Ion Ratio Lower Upper
196 100
198 91.4 78.0 117.0
97 30.5 26.0 39.0
132 17.2 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 50.300 ng
RT: 13.611 min Scan# 1757
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

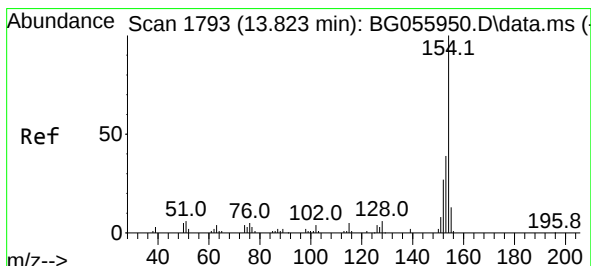
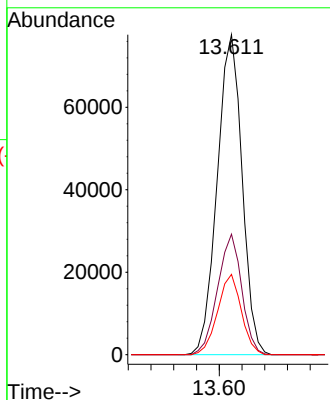
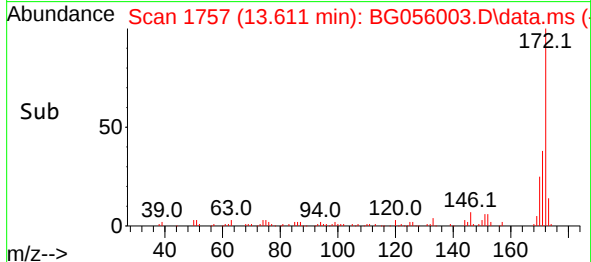
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



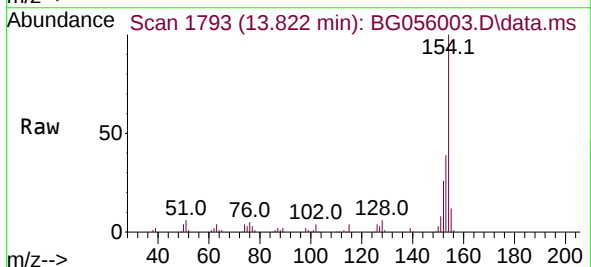
Tgt Ion:172 Resp: 11785
Ion Ratio Lower Upper
172 100
171 37.6 28.6 42.8
170 25.1 19.9 29.9

Manual Integrations
APPROVED

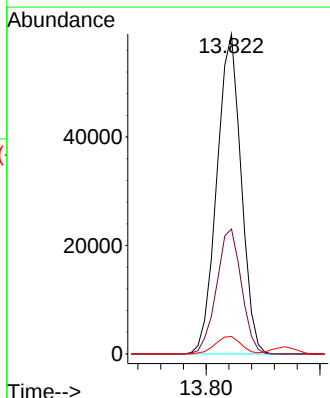
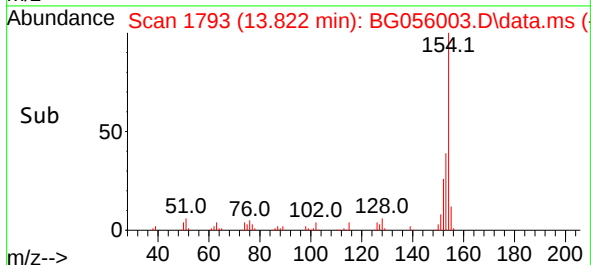
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

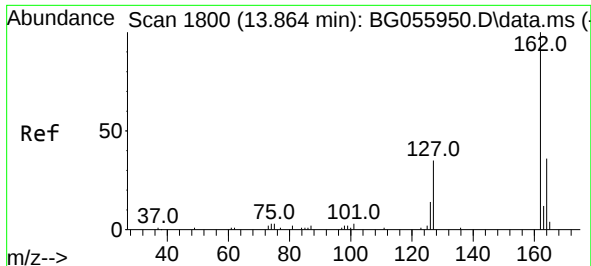


#46
1,1'-Biphenyl
Concen: 39.267 ng
RT: 13.822 min Scan# 1793
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



Tgt Ion:154 Resp: 87460
Ion Ratio Lower Upper
154 100
153 39.1 19.5 59.5
76 5.5 0.0 25.5





#47
2-Chloronaphthalene
Concen: 37.740 ng
RT: 13.869 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

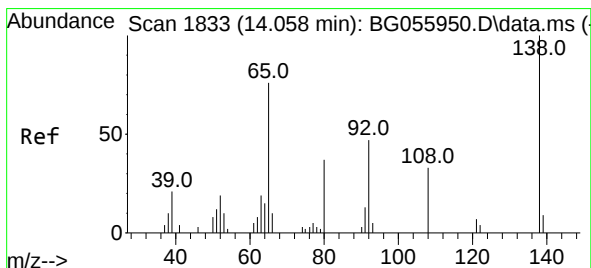
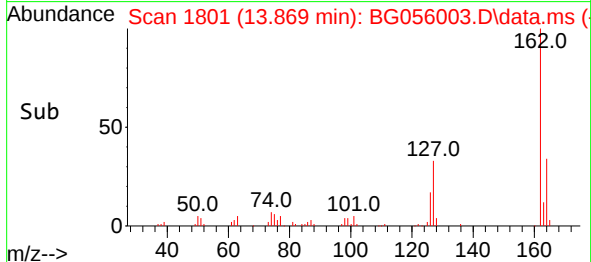
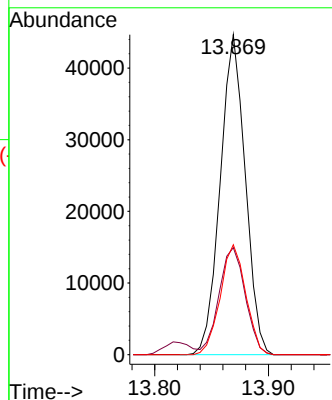
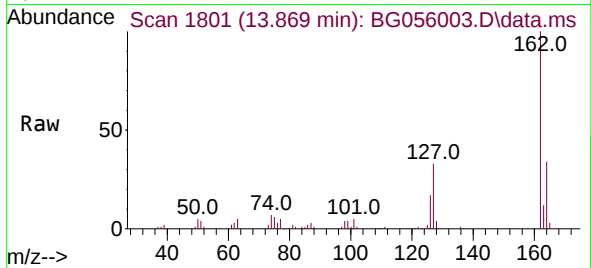
ClientSampleId :

RB-42-(3-5)MS

Tgt Ion:162 Resp: 6830
Ion Ratio Lower Upper
162 100
127 33.5 31.0 46.4
164 34.4 28.6 42.8

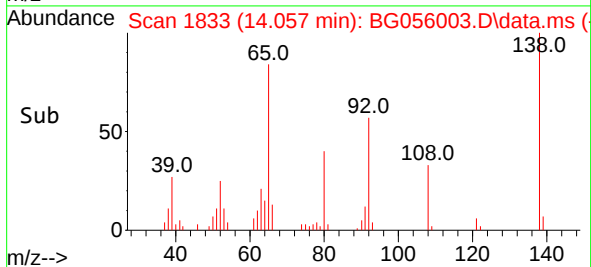
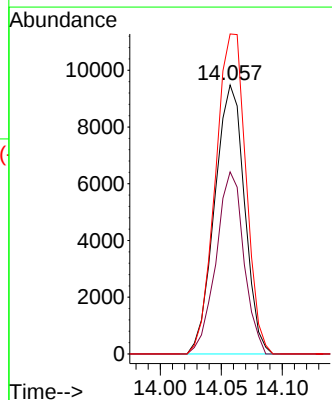
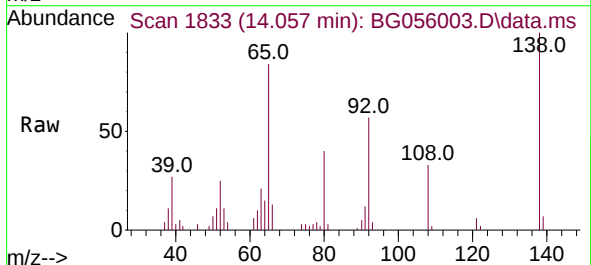
Manual Integrations
APPROVED

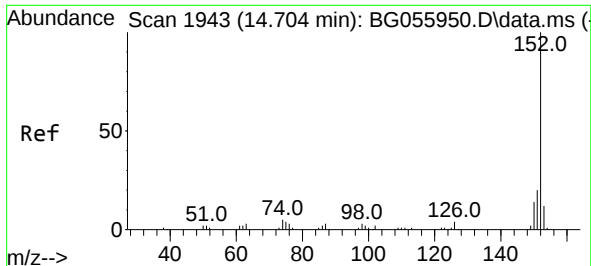
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#48
2-Nitroaniline
Concen: 45.470 ng
RT: 14.057 min Scan# 1833
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

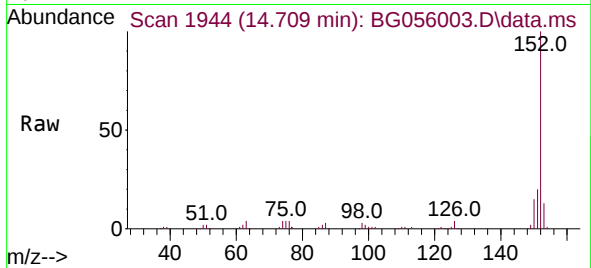
Tgt Ion: 65 Resp: 16166
Ion Ratio Lower Upper
65 100
92 67.7 49.7 74.5
138 119.0 105.0 157.6





#49
Acenaphthylene
Concen: 36.982 ng
RT: 14.709 min Scan# 1944
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

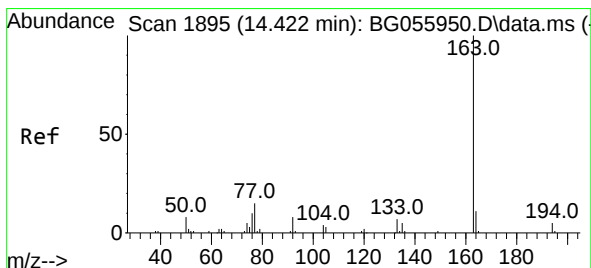
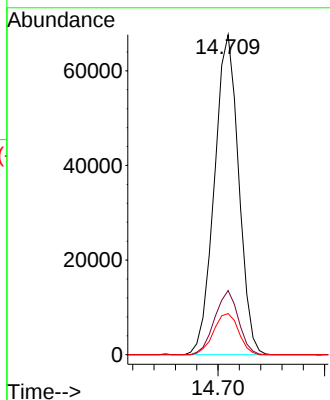
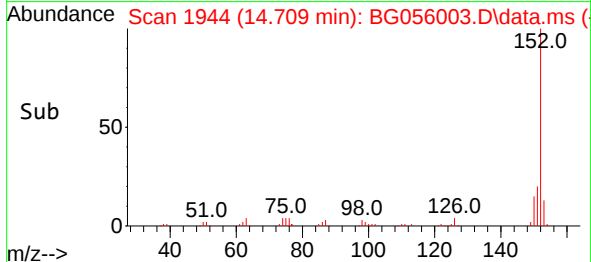
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



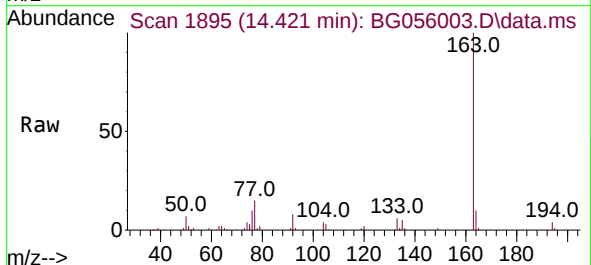
Tgt Ion:152 Resp: 106832
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.9 10.0 15.0

Manual Integrations
APPROVED

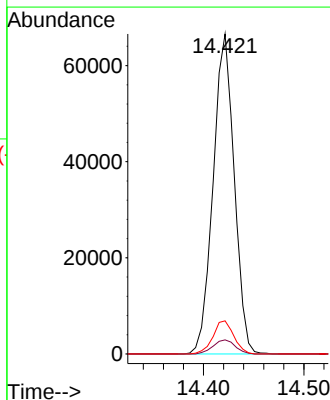
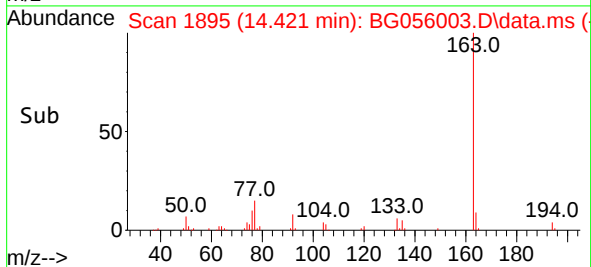
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

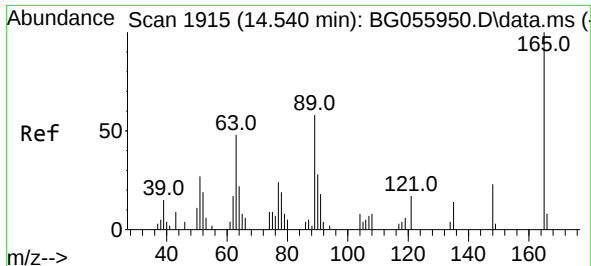


#50
Dimethylphthalate
Concen: 34.164 ng
RT: 14.421 min Scan# 1895
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



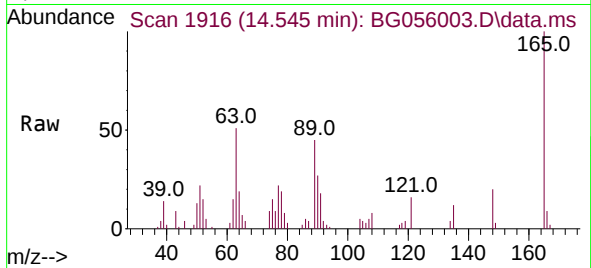
Tgt Ion:163 Resp: 97059
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.3 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 46.810 ng
RT: 14.545 min Scan# 1915
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

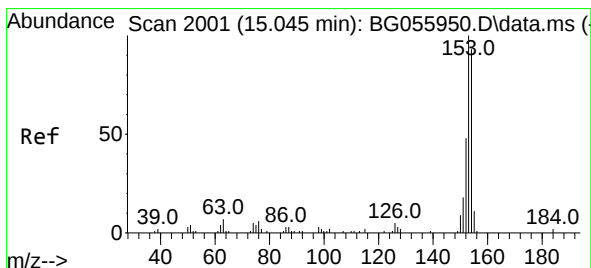
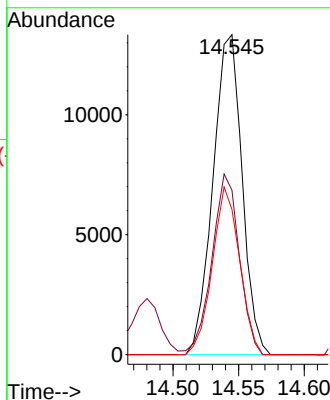
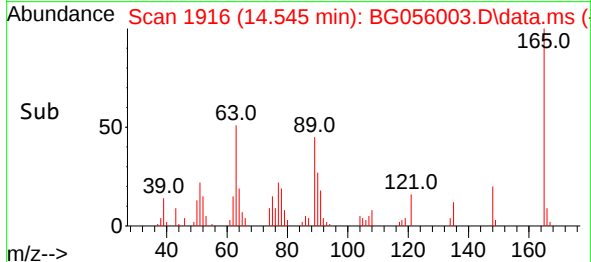
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



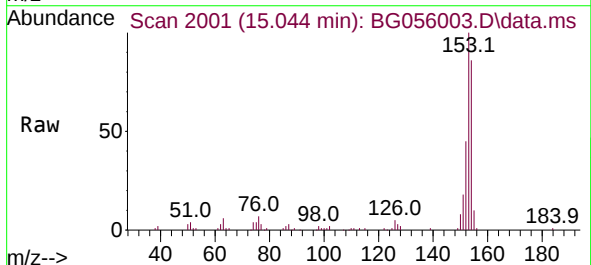
Tgt Ion:165 Resp: 20579
Ion Ratio Lower Upper
165 100
63 51.4 38.3 57.5
89 45.3 46.3 69.5

Manual Integrations
APPROVED

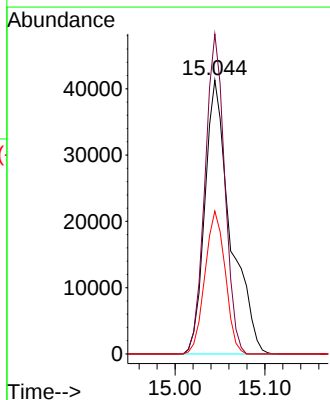
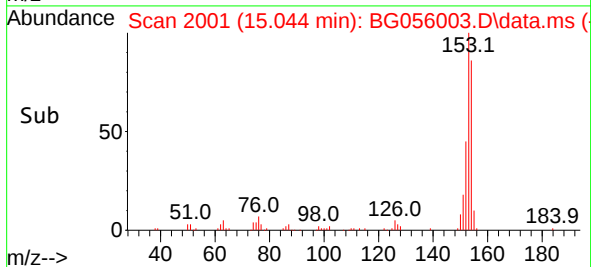
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

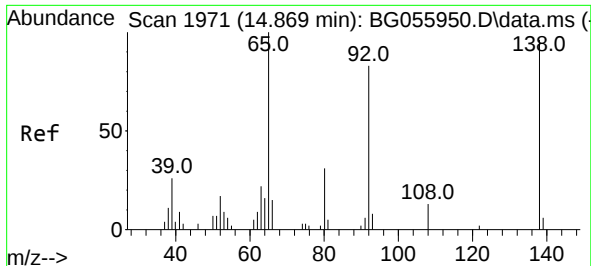


#52
Acenaphthene
Concen: 42.228 ng
RT: 15.044 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



Tgt Ion:154 Resp: 81894
Ion Ratio Lower Upper
154 100
153 116.8 86.2 129.2
152 52.1 41.4 62.0





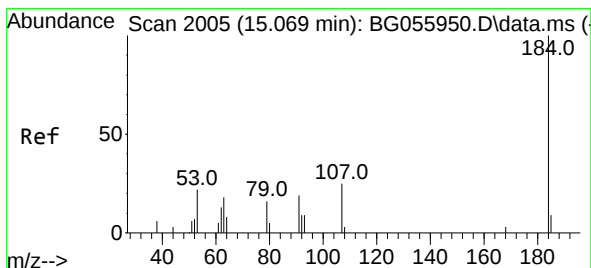
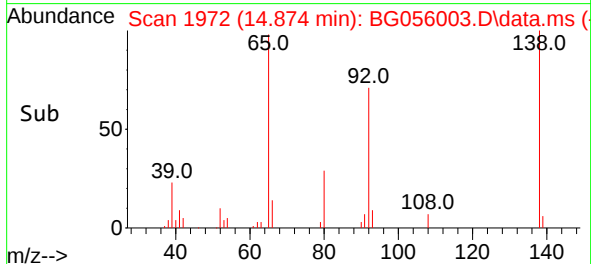
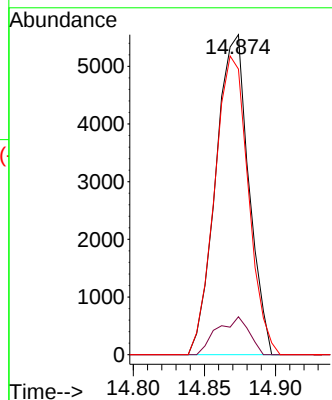
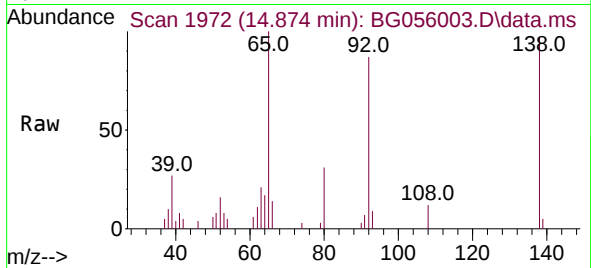
#53
3-Nitroaniline
Concen: 20.041 ng
RT: 14.874 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Tgt Ion:138 Resp: 896
Ion Ratio Lower Upper
138 100
108 11.9 10.9 16.3
92 89.3 69.4 104.0

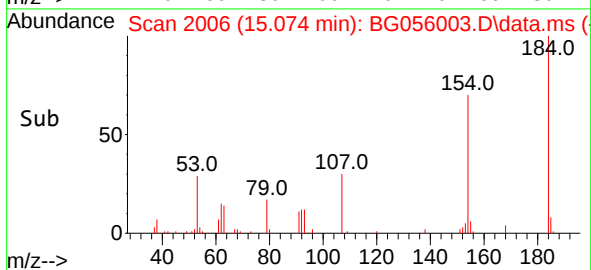
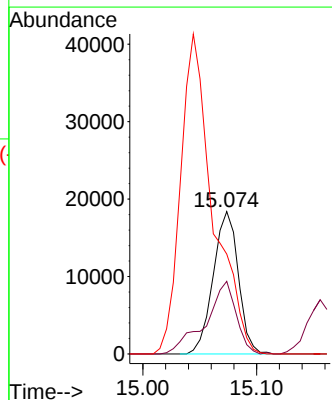
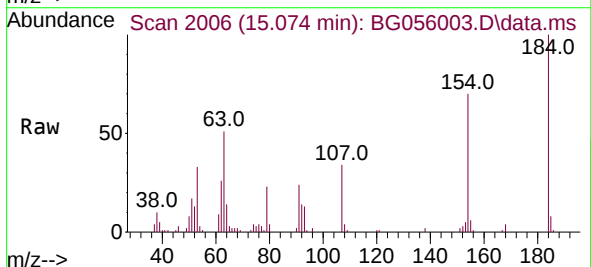
Manual Integrations
APPROVED

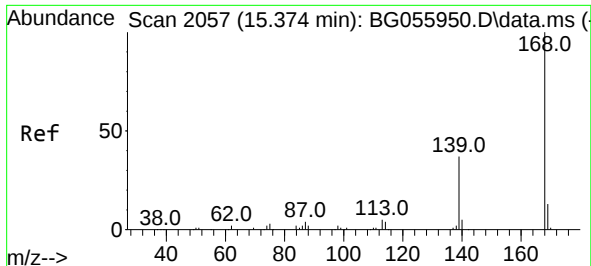
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#54
2,4-Dinitrophenol
Concen: 86.240 ng
RT: 15.074 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

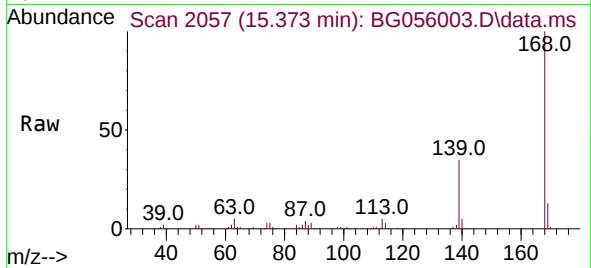
Tgt Ion:184 Resp: 28186
Ion Ratio Lower Upper
184 100
63 51.0 23.0 34.4#
154 70.1 67.0 100.4





#55
Dibenzofuran
Concen: 36.240 ng
RT: 15.373 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

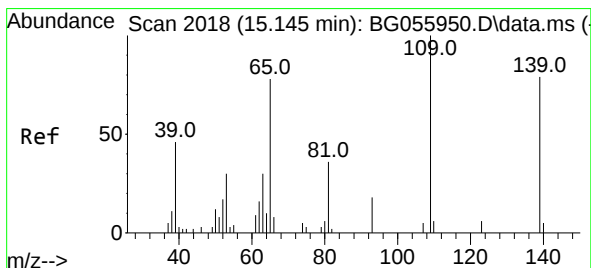
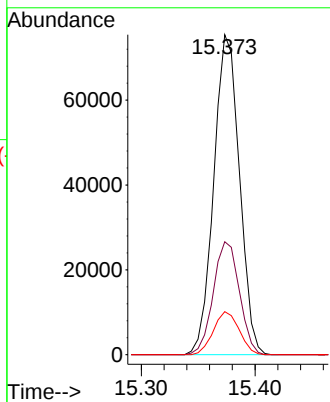
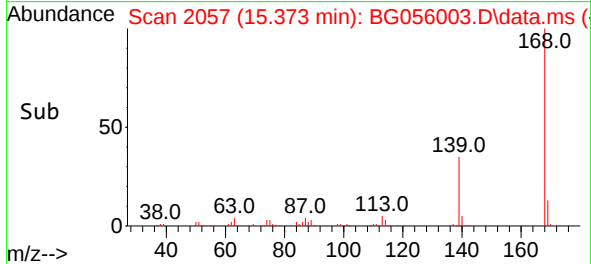
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



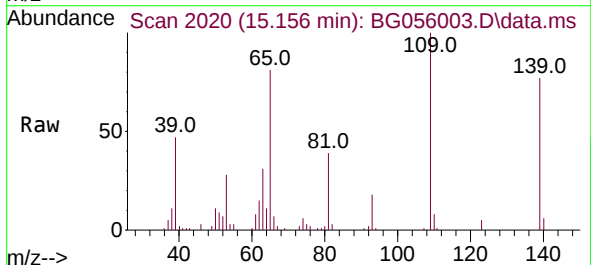
Tgt Ion:168 Resp: 118180
Ion Ratio Lower Upper
168 100
139 35.3 29.8 44.8
169 13.5 10.6 16.0

Manual Integrations
APPROVED

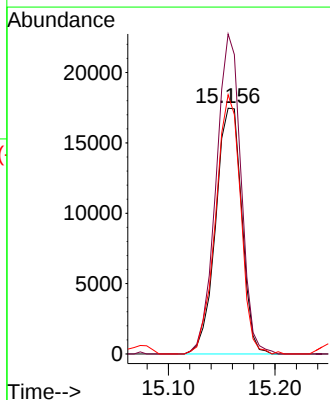
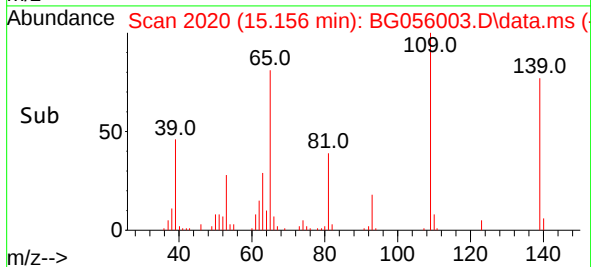
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

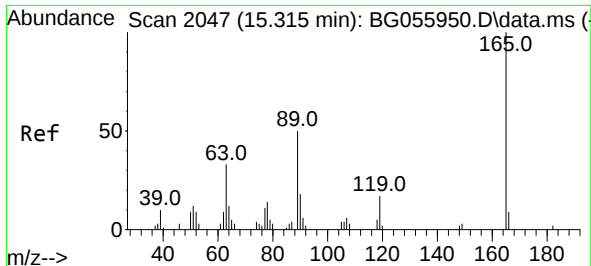


#56
4-Nitrophenol
Concen: 82.675 ng
RT: 15.156 min Scan# 2020
Delta R.T. 0.005 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



Tgt Ion:139 Resp: 29626
Ion Ratio Lower Upper
139 100
109 130.2 106.7 146.7
65 105.5 79.2 119.2





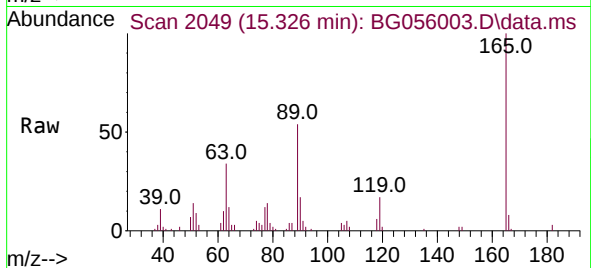
#57
2,4-Dinitrotoluene
Concen: 43.281 ng
RT: 15.326 min Scan# 2049
Delta R.T. 0.005 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MS

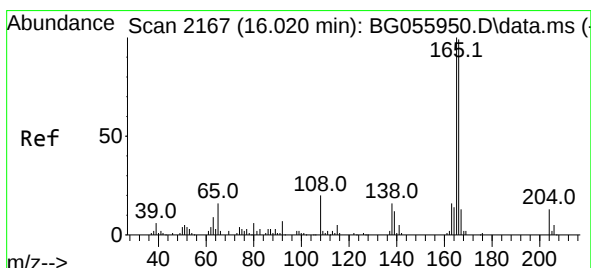
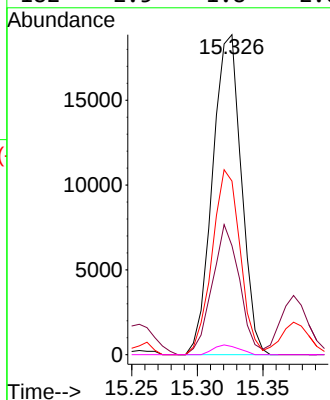
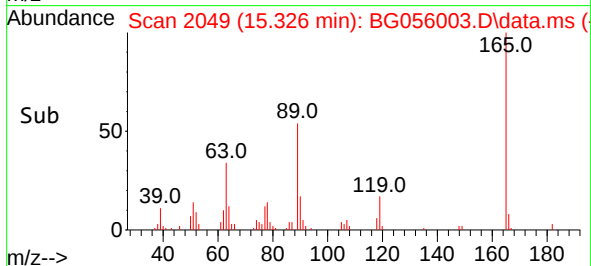


Tgt Ion:165 Resp: 2872
Ion Ratio Lower Upper
165 100
63 34.0 26.6 39.8
89 54.2 40.1 60.1
182 2.5 1.8 2.6

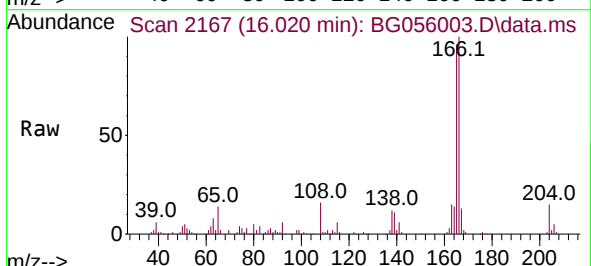
Manual Integrations

APPROVED

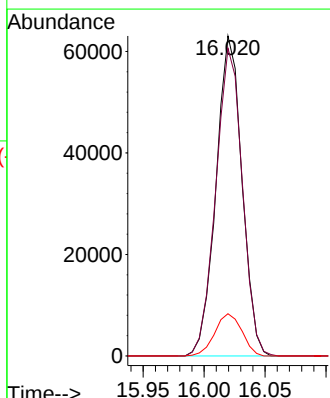
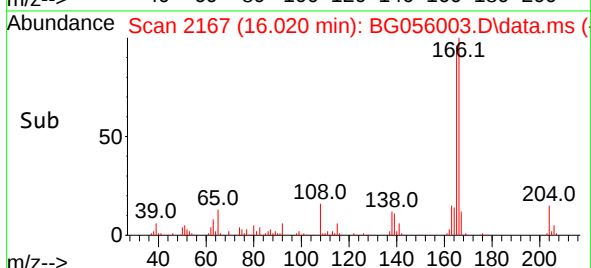
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

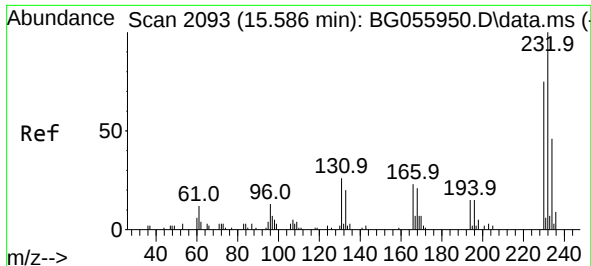


#58
Fluorene
Concen: 35.003 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



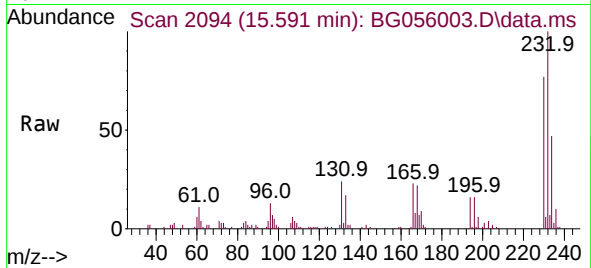
Tgt Ion:166 Resp: 93313
Ion Ratio Lower Upper
166 100
165 96.2 81.1 121.7
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.374 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

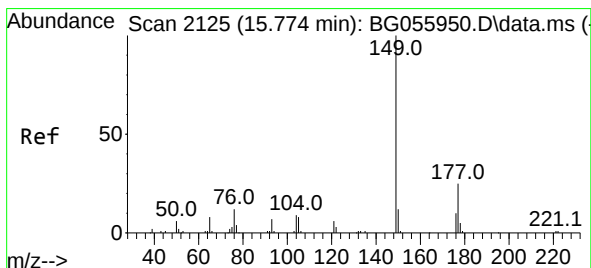
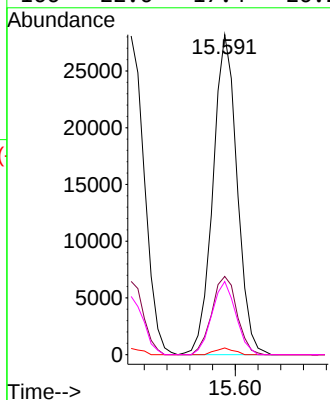
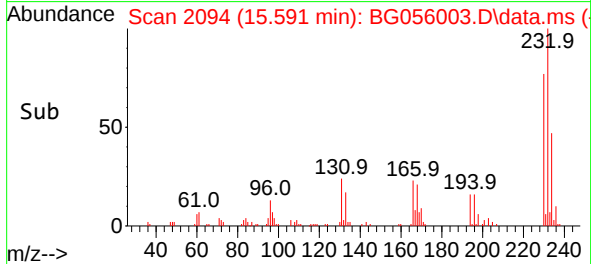
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



Tgt Ion:232 Resp: 41614
Ion Ratio Lower Upper
232 100
131 25.5 20.7 31.1
130 1.6 1.2 1.8
166 22.6 17.4 26.2

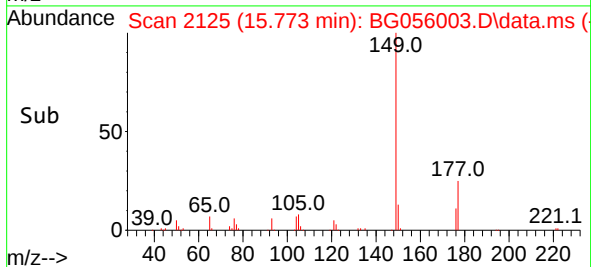
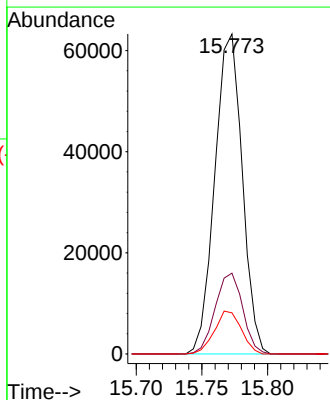
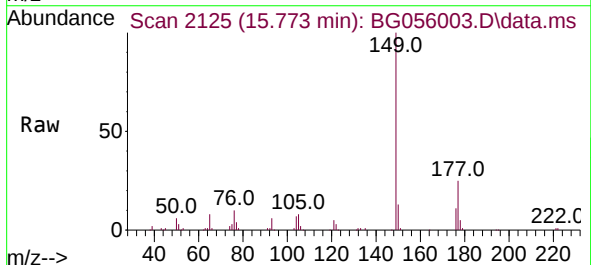
Manual Integrations
APPROVED

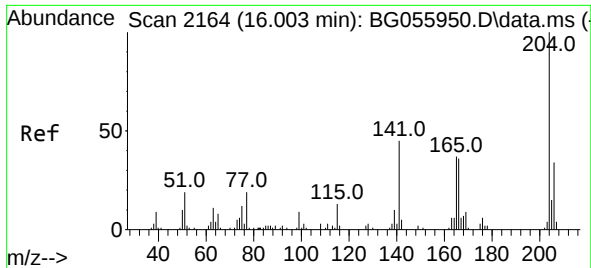
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#60
Diethylphthalate
Concen: 33.099 ng
RT: 15.773 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:149 Resp: 91908
Ion Ratio Lower Upper
149 100
177 25.2 19.7 29.5
150 12.8 9.5 14.3





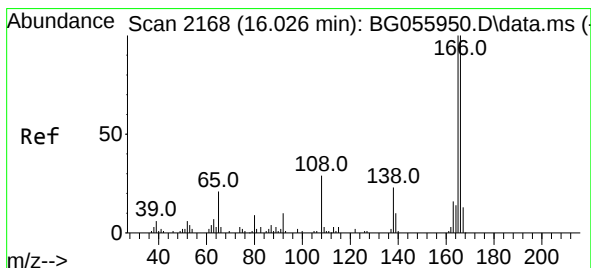
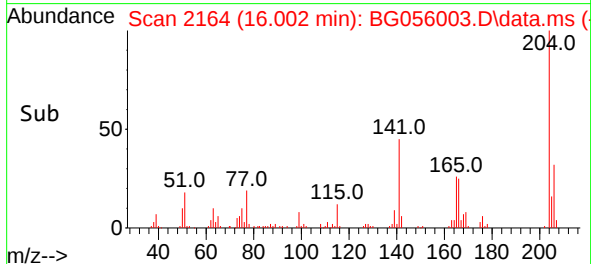
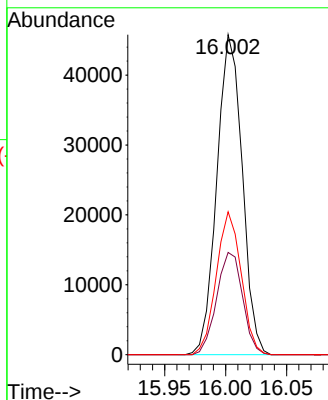
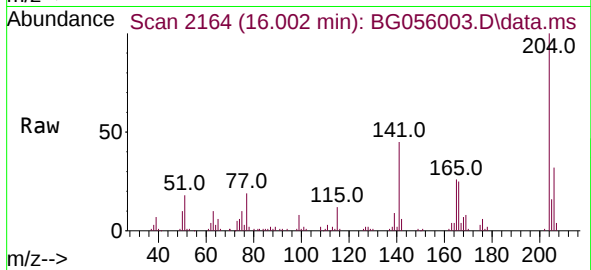
#61
4-Chlorophenyl-phenylether
Concen: 36.474 ng
RT: 16.002 min Scan# 2164
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS

Tgt Ion:204 Resp: 6624
Ion Ratio Lower Upper
204 100
206 31.9 27.0 40.4
141 44.6 36.3 54.5

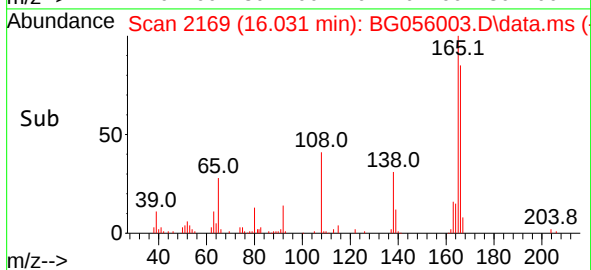
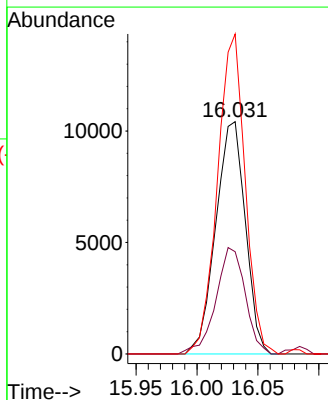
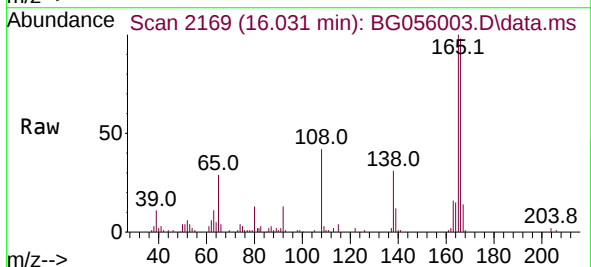
Manual Integrations
APPROVED

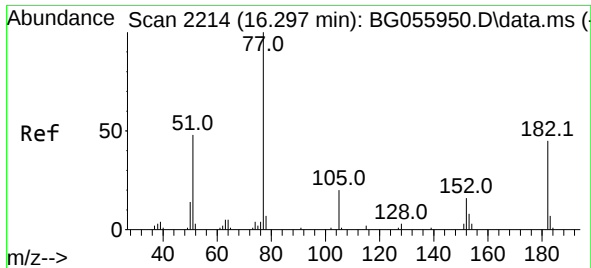
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#62
4-Nitroaniline
Concen: 36.141 ng
RT: 16.031 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:138 Resp: 17600
Ion Ratio Lower Upper
138 100
92 44.0 24.4 64.4
108 137.7 110.1 150.1





#63
Azobenzene
Concen: 38.639 ng
RT: 16.296 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

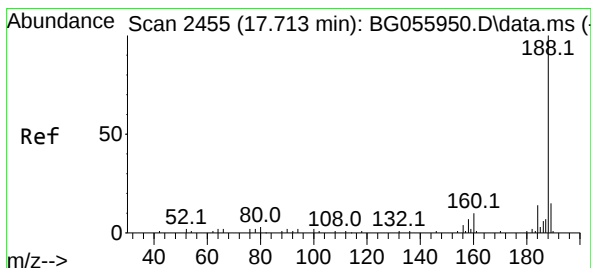
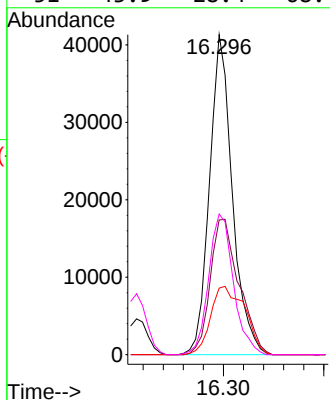
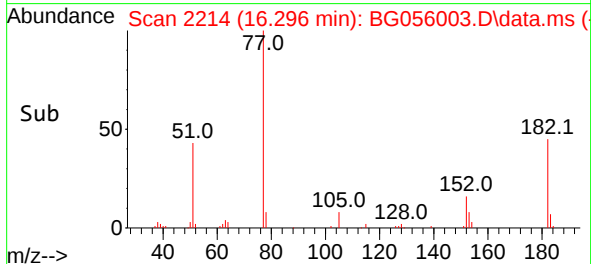
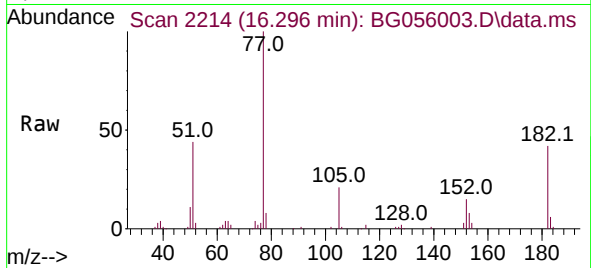
RB-42-(3-5)MS

Tgt Ion: 77 Resp: 6530
Ion Ratio Lower Upper
77 100
182 42.1 24.7 64.7
105 20.8 0.3 40.3
51 43.9 28.4 68.4

Manual Integrations

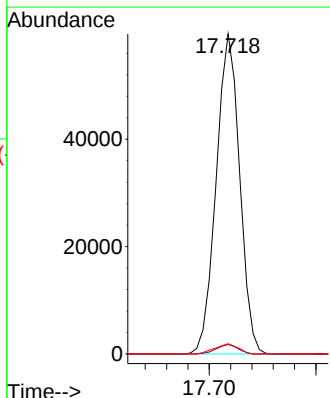
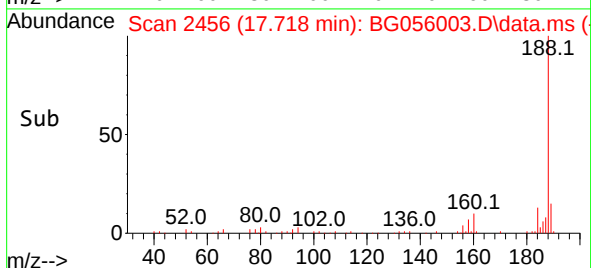
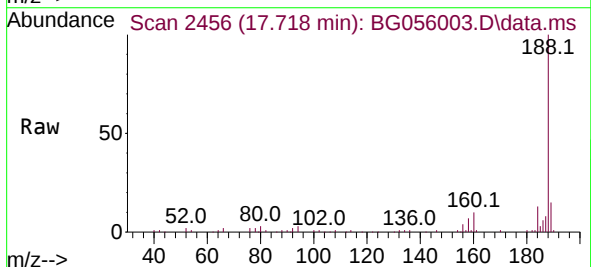
APPROVED

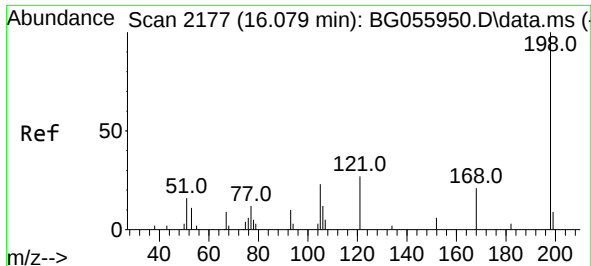
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2456
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

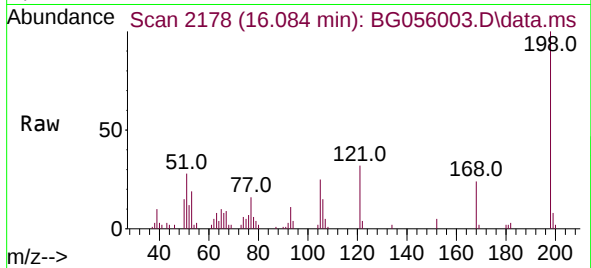
Tgt Ion:188 Resp: 90954
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.8#
80 3.2 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 44.896 ng
RT: 16.084 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

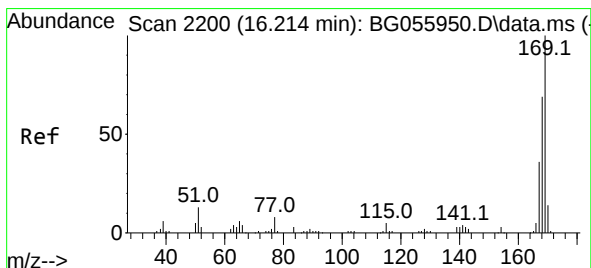
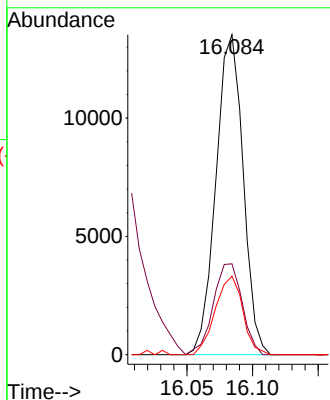
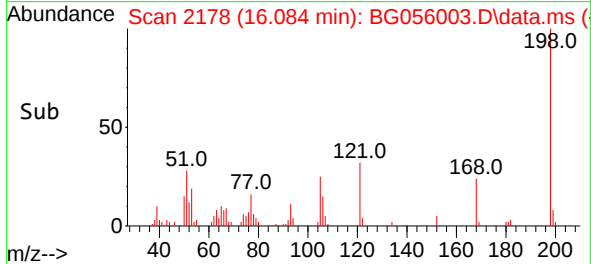
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



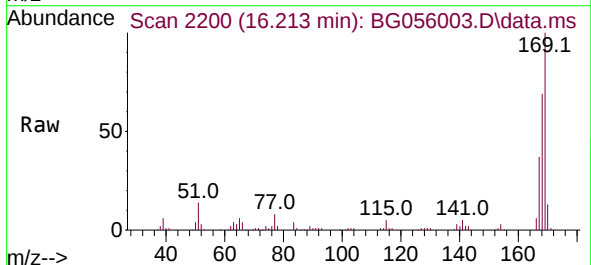
Tgt Ion:198 Resp: 1950
Ion Ratio Lower Upper
198 100
51 28.4 3.0 43.0
105 24.5 3.3 43.3

Manual Integrations
APPROVED

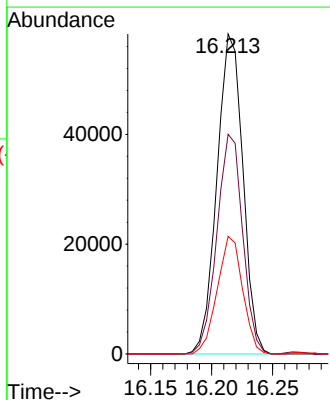
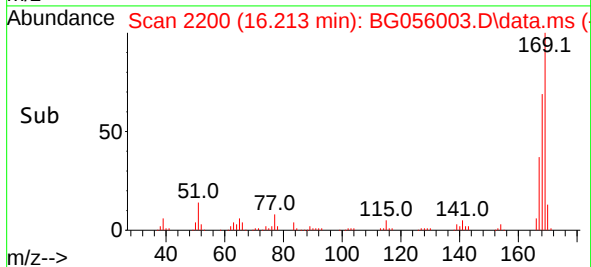
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

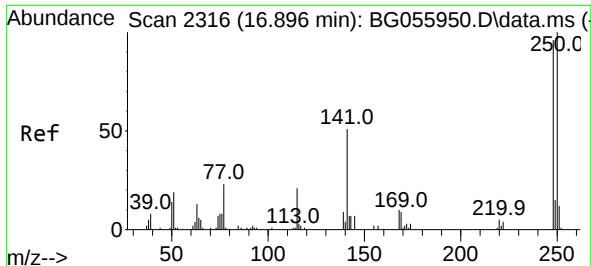


#66
n-Nitrosodiphenylamine
Concen: 36.267 ng
RT: 16.213 min Scan# 2200
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



Tgt Ion:169 Resp: 86441
Ion Ratio Lower Upper
169 100
168 68.7 55.3 82.9
167 36.8 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 36.871 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

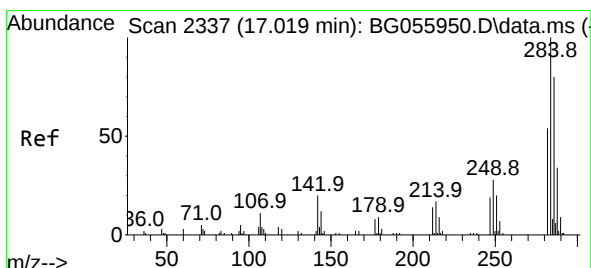
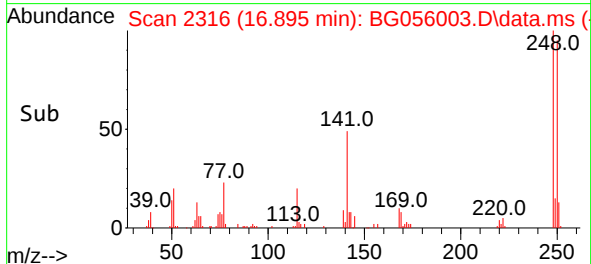
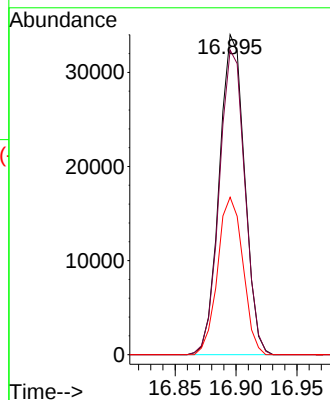
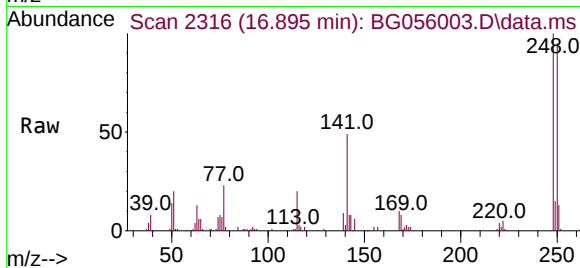
RB-42-(3-5)MS

Tgt Ion:248 Resp: 49140
Ion Ratio Lower Upper
248 100
250 95.2 83.0 124.6
141 49.2 42.6 64.0

Manual Integrations

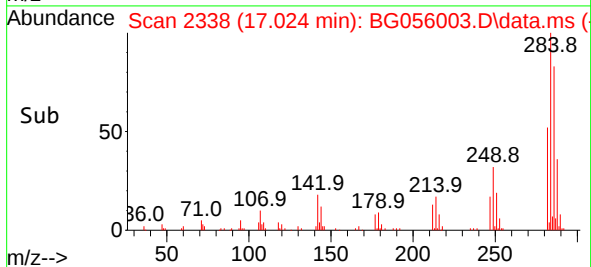
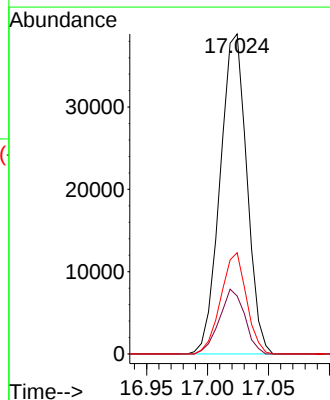
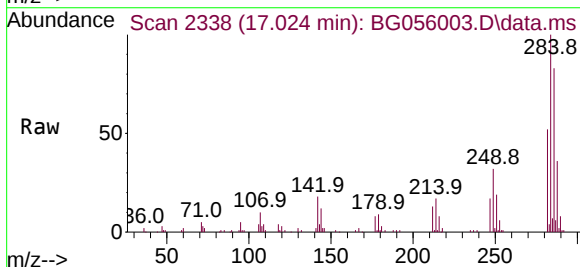
APPROVED

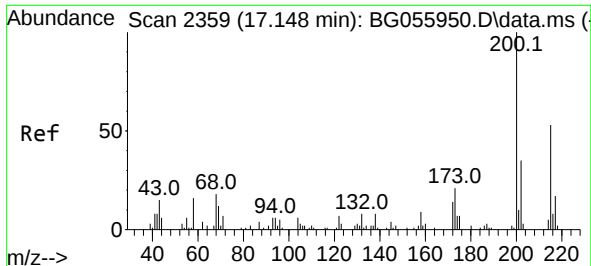
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#68
Hexachlorobenzene
Concen: 36.191 ng
RT: 17.024 min Scan# 2338
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

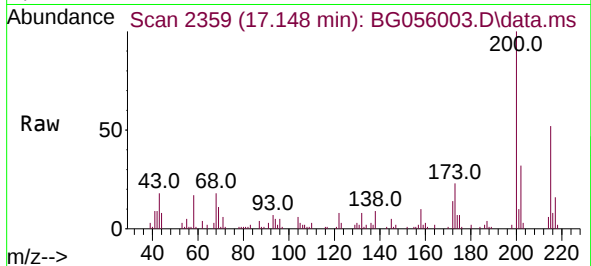
Tgt Ion:284 Resp: 59412
Ion Ratio Lower Upper
284 100
142 18.1 16.2 24.2
249 31.6 22.8 34.2





#69
 Atrazine
 Concen: 38.927 ng
 RT: 17.148 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056003.D
 Acq: 16 Dec 2022 21:14

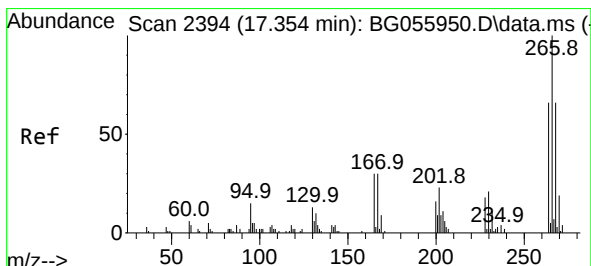
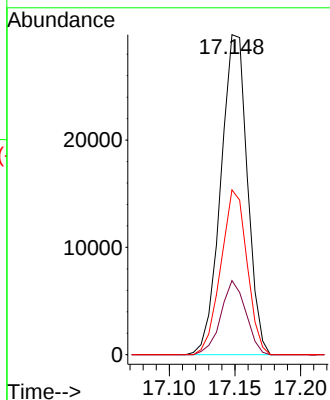
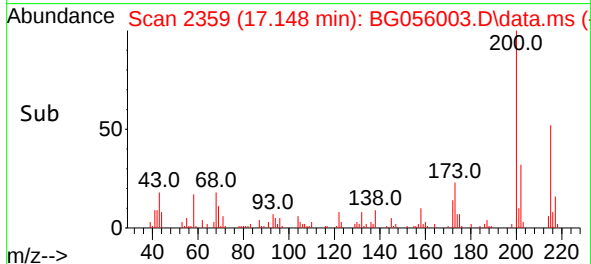
Instrument :
 BNA_G
 ClientSampleId :
 RB-42-(3-5)MS



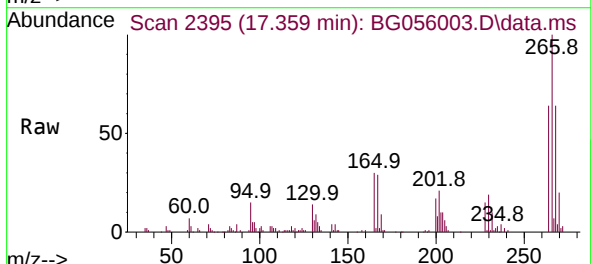
Tgt Ion:200 Resp: 4201
 Ion Ratio Lower Upper
 200 100
 173 23.2 1.4 41.4
 215 51.5 33.3 73.3

Manual Integrations
 APPROVED

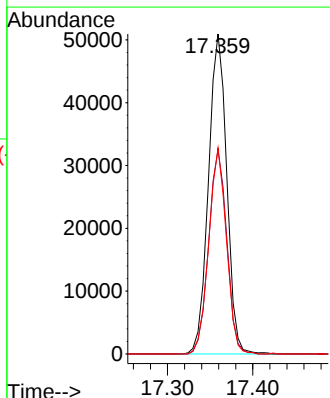
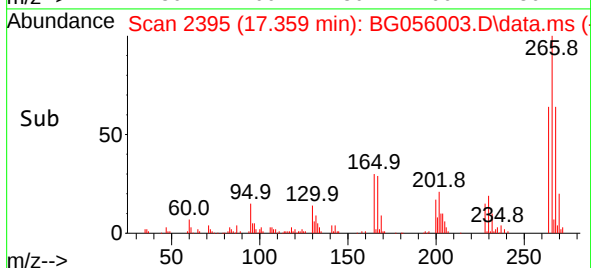
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

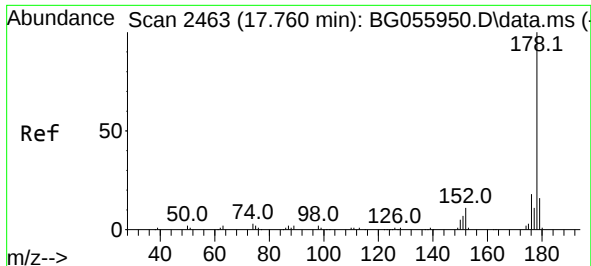


#70
 Pentachlorophenol
 Concen: 80.753 ng
 RT: 17.359 min Scan# 2395
 Delta R.T. -0.001 min
 Lab File: BG056003.D
 Acq: 16 Dec 2022 21:14



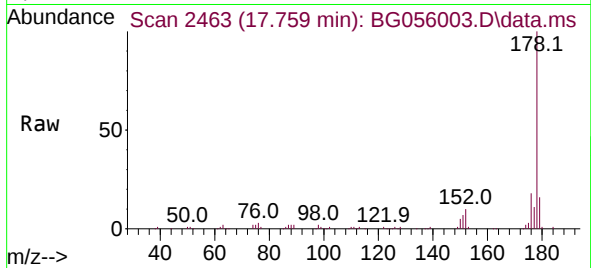
Tgt Ion:266 Resp: 75787
 Ion Ratio Lower Upper
 266 100
 268 63.9 55.5 83.3
 264 64.4 52.6 78.8





#71
Phenanthrene
Concen: 36.438 ng
RT: 17.759 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

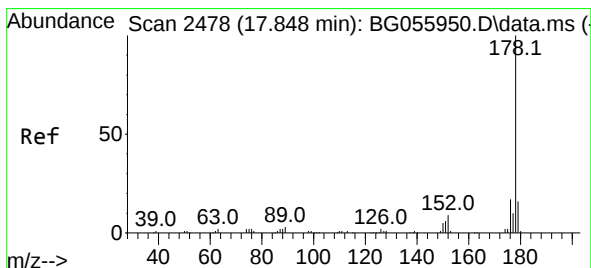
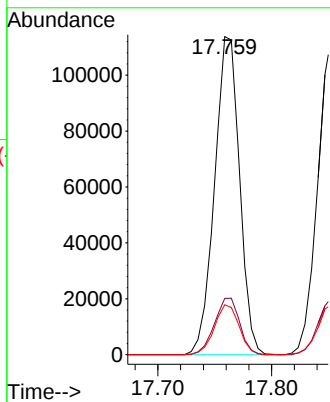
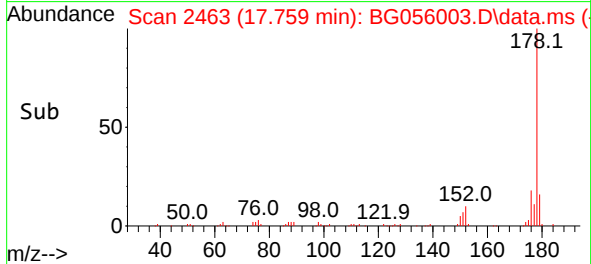
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



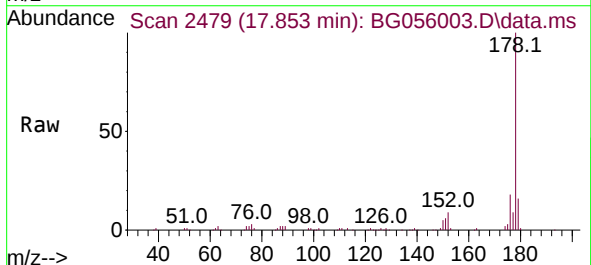
Tgt Ion:178 Resp: 17368
Ion Ratio Lower Upper
178 100
176 17.7 14.4 21.6
179 15.7 12.7 19.1

Manual Integrations
APPROVED

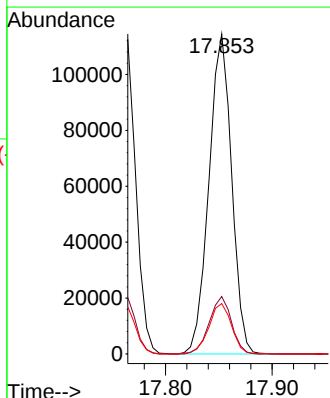
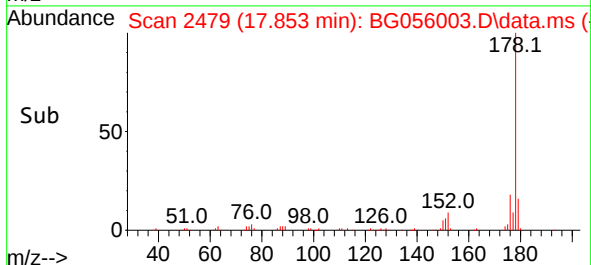
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

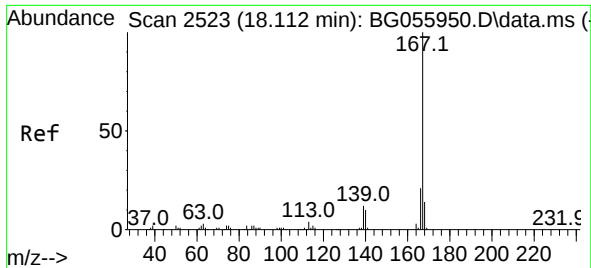


#72
Anthracene
Concen: 35.837 ng
RT: 17.853 min Scan# 2479
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



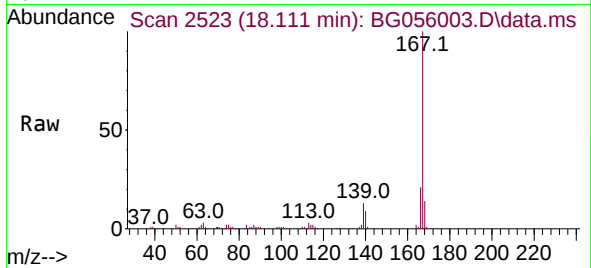
Tgt Ion:178 Resp: 168992
Ion Ratio Lower Upper
178 100
176 17.9 13.9 20.9
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 34.864 ng
 RT: 18.111 min Scan# 2523
 Delta R.T. -0.001 min
 Lab File: BG056003.D
 Acq: 16 Dec 2022 21:14

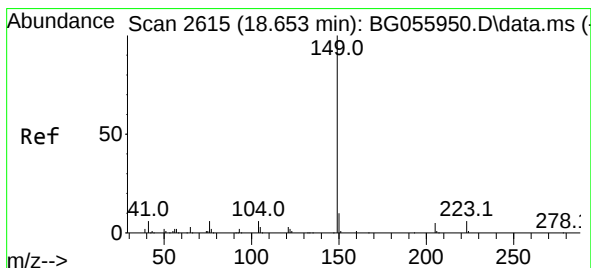
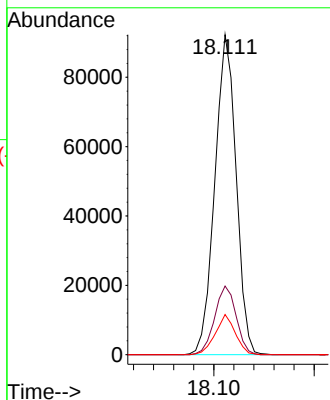
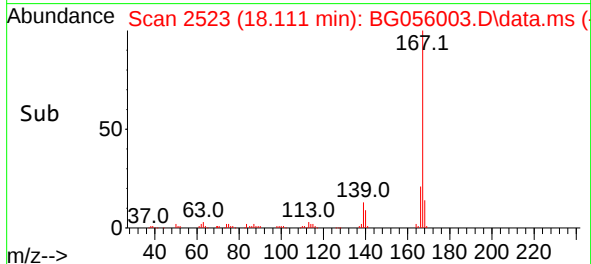
Instrument :
 BNA_G
 ClientSampleId :
 RB-42-(3-5)MS



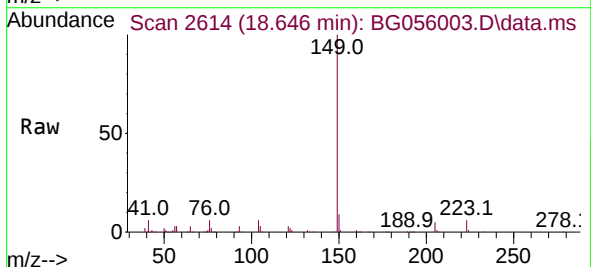
Tgt Ion:167 Resp: 135594
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.6 25.0
 139 12.6 9.7 14.5

Manual Integrations
 APPROVED

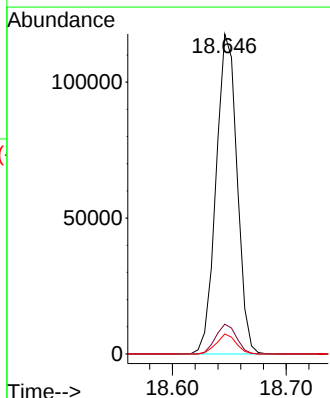
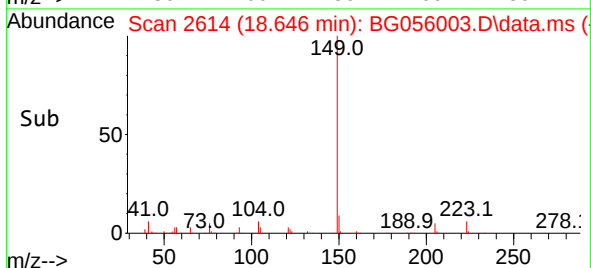
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

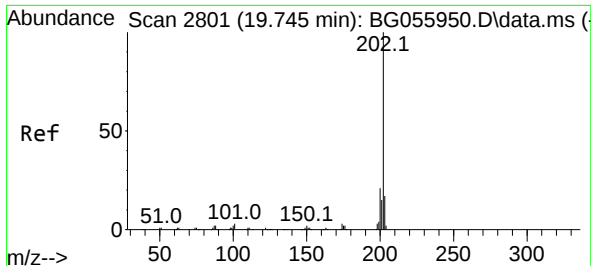


#74
 Di-n-butylphthalate
 Concen: 33.322 ng
 RT: 18.646 min Scan# 2614
 Delta R.T. -0.007 min
 Lab File: BG056003.D
 Acq: 16 Dec 2022 21:14



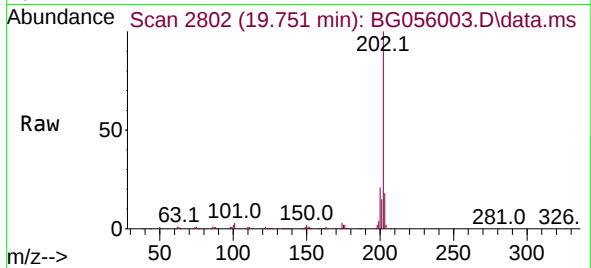
Tgt Ion:149 Resp: 150711
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 6.2 4.8 7.2





#75
Fluoranthene
Concen: 37.015 ng
RT: 19.751 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

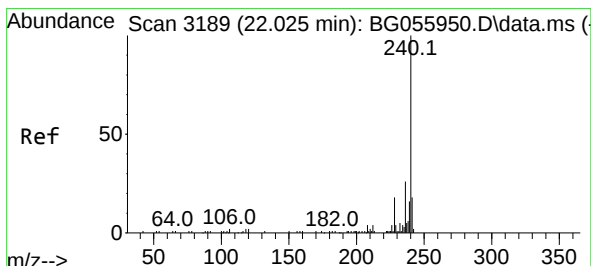
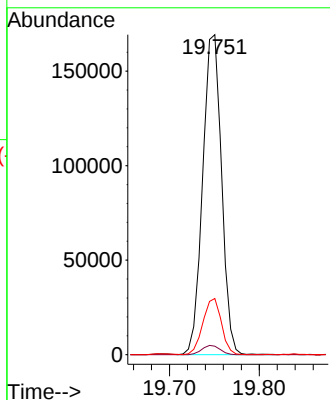
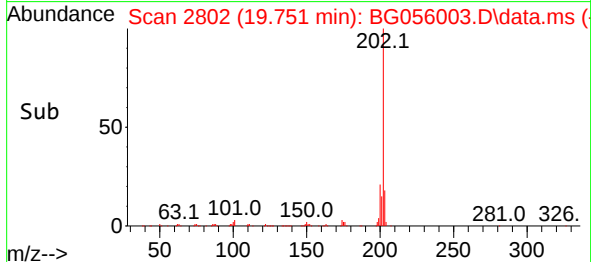
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



Tgt Ion:202 Resp: 247054
Ion Ratio Lower Upper
202 100
101 2.6 0.0 22.6
203 17.6 0.0 37.1

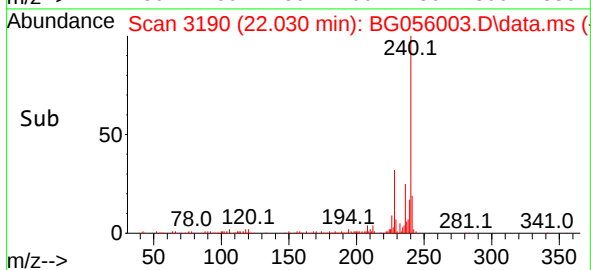
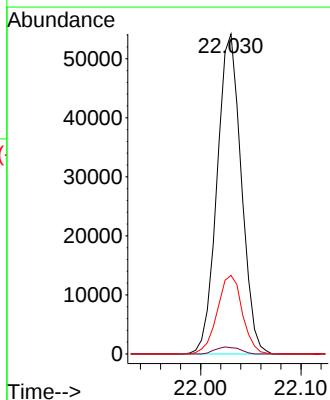
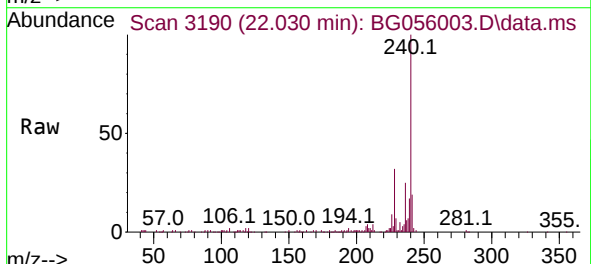
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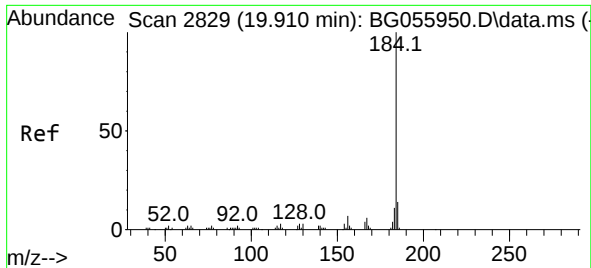
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.030 min Scan# 3190
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

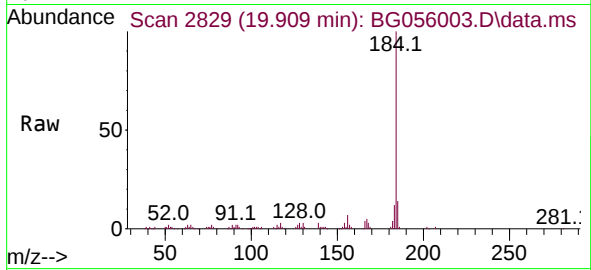
Tgt Ion:240 Resp: 90714
Ion Ratio Lower Upper
240 100
120 1.9 1.7 2.5
236 24.6 21.1 31.7





#77
Benzidine
Concen: 50.808 ng
RT: 19.909 min Scan# 2829
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

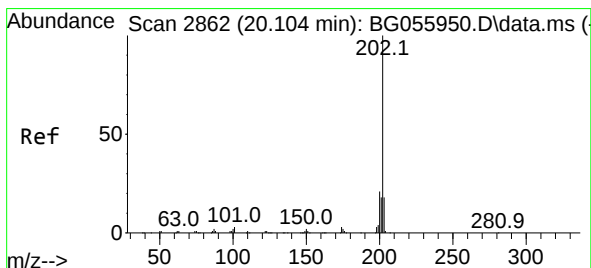
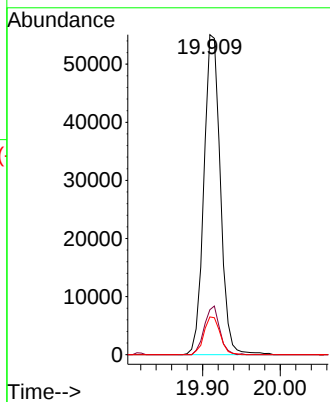
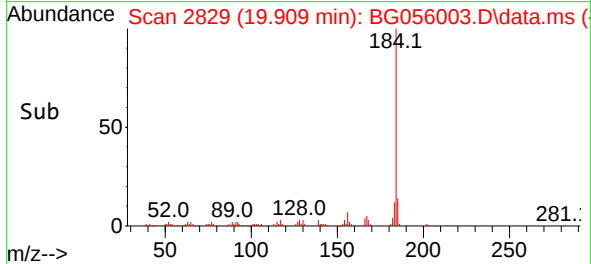
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



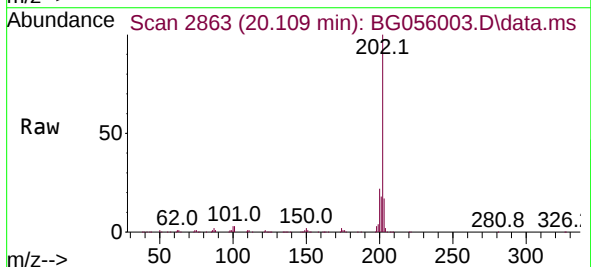
Tgt Ion:184 Resp: 8094
Ion Ratio Lower Upper
184 100
185 14.1 10.9 16.3
183 11.8 9.2 13.8

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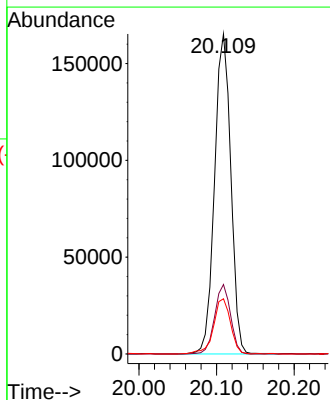
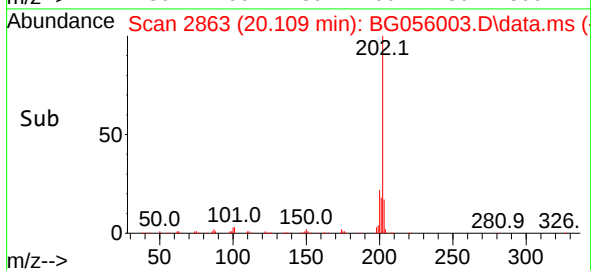
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

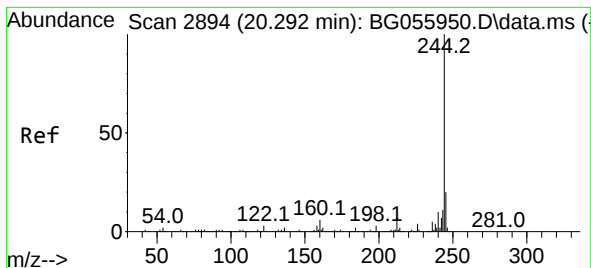


#78
Pyrene
Concen: 43.888 ng
RT: 20.109 min Scan# 2863
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



Tgt Ion:202 Resp: 240908
Ion Ratio Lower Upper
202 100
200 21.7 16.7 25.1
203 17.3 14.6 21.8





#79

Terphenyl-d14

Concen: 55.442 ng

RT: 20.291 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056003.D

Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MS

Tgt Ion:244 Resp: 28456

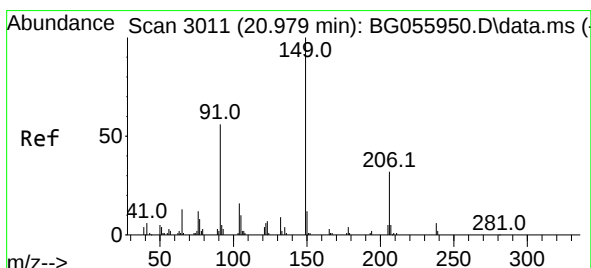
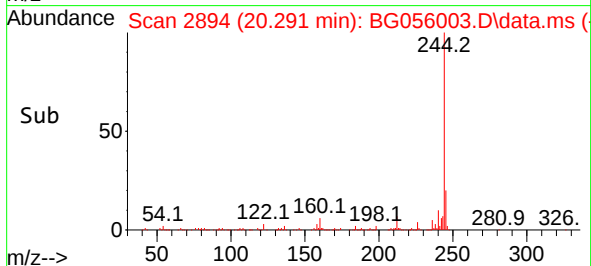
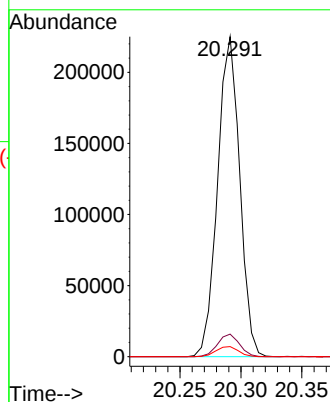
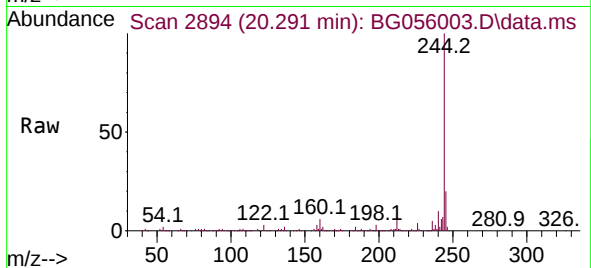
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	3.1	2.5	3.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#80

Butylbenzylphthalate

Concen: 38.533 ng

RT: 20.973 min Scan# 3010

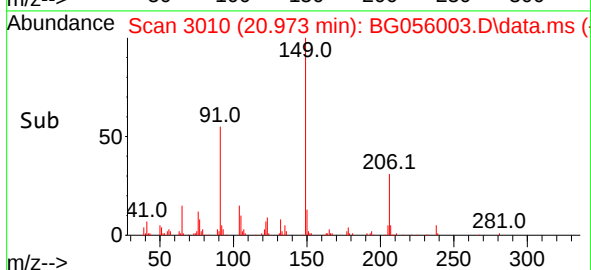
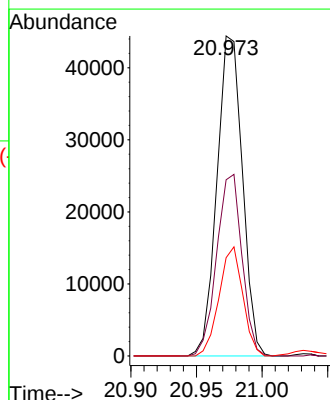
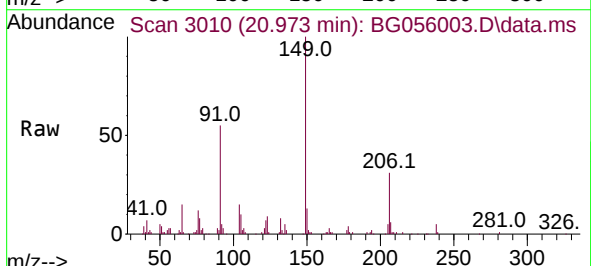
Delta R.T. -0.007 min

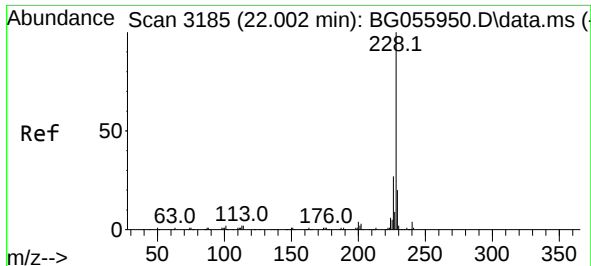
Lab File: BG056003.D

Acq: 16 Dec 2022 21:14

Tgt Ion:149 Resp: 59935

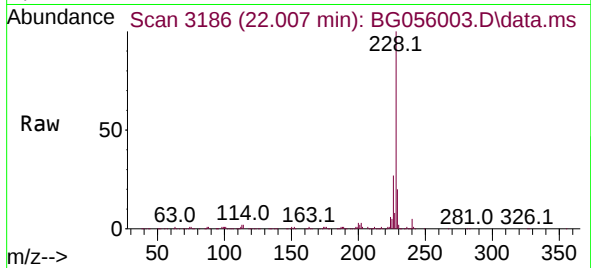
Ion	Ratio	Lower	Upper
149	100		
91	55.1	44.5	66.7
206	30.7	25.8	38.6





#81
Benzo(a)anthracene
Concen: 39.594 ng
RT: 22.007 min Scan# 3185
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

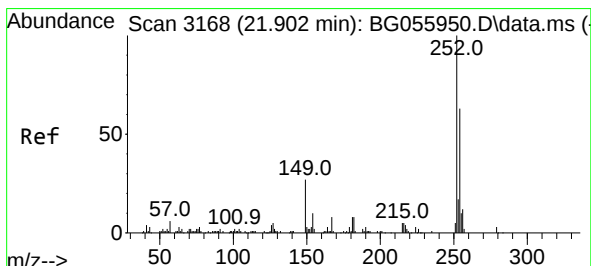
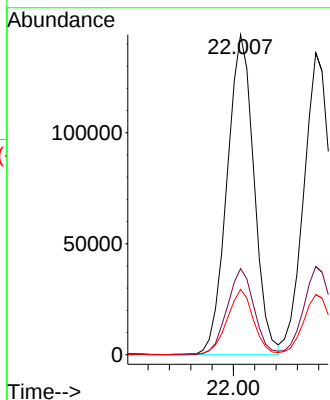
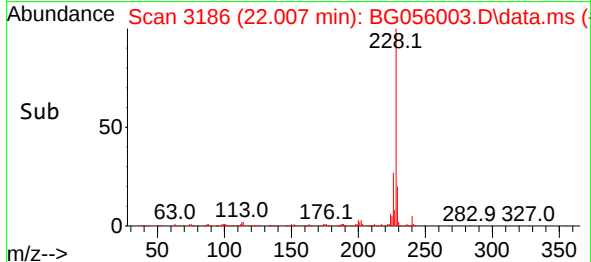
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



Tgt Ion:228 Resp: 252745
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.6
229 20.4 15.9 23.9

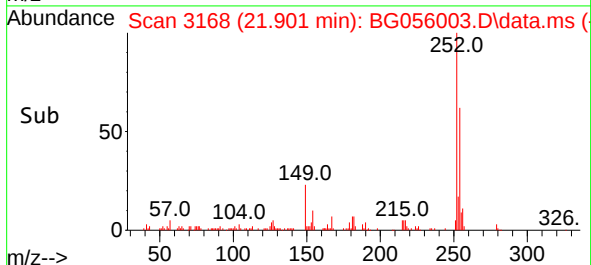
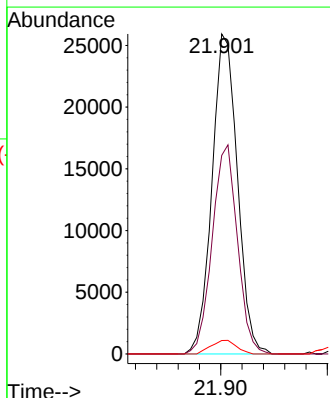
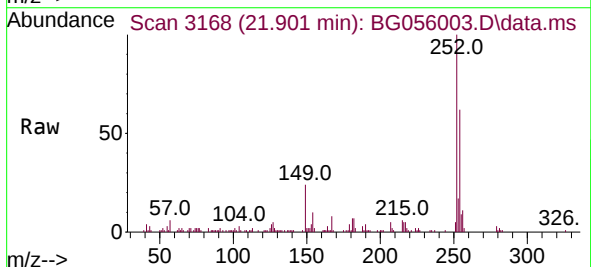
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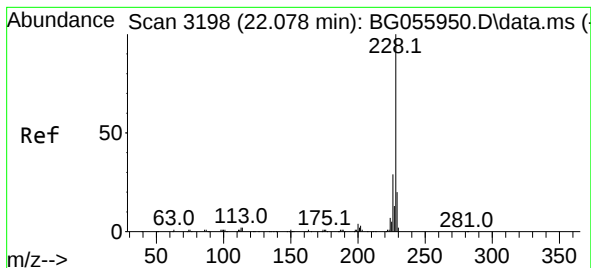
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 18.655 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

Tgt Ion:252 Resp: 42845
Ion Ratio Lower Upper
252 100
254 62.0 50.2 75.2
126 4.2 3.1 4.7





#83

Chrysene

Concen: 38.933 ng

RT: 22.077 min Scan# 3198

Delta R.T. -0.007 min

Lab File: BG056003.D

Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MS

Tgt Ion:228 Resp: 232920

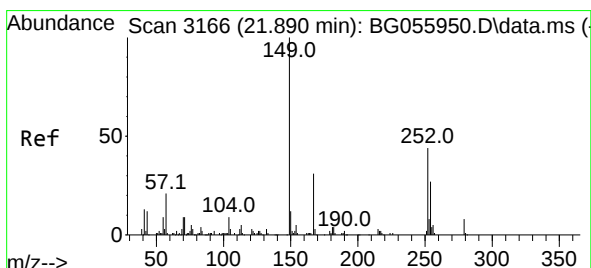
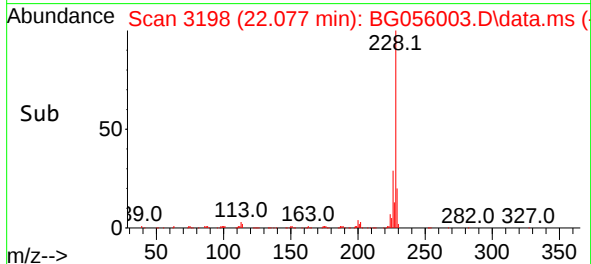
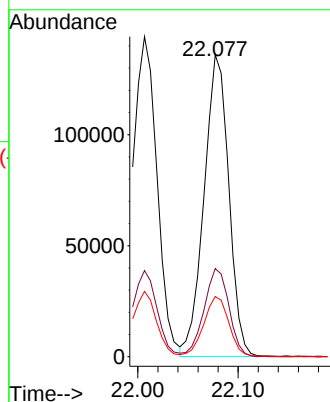
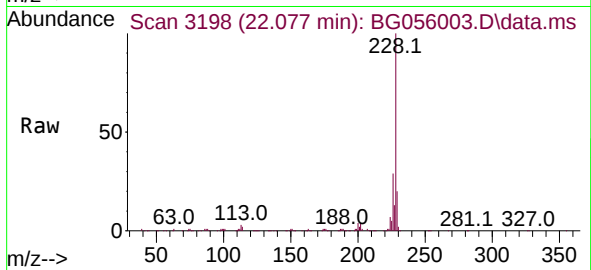
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.9	15.7	23.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.862 ng

RT: 21.883 min Scan# 3165

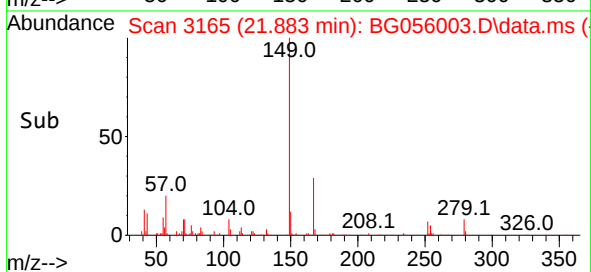
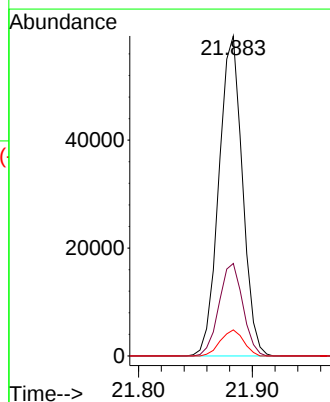
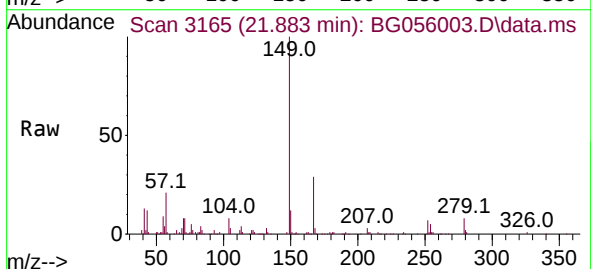
Delta R.T. -0.001 min

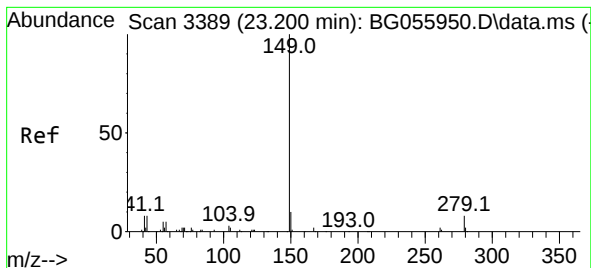
Lab File: BG056003.D

Acq: 16 Dec 2022 21:14

Tgt Ion:149 Resp: 85184

Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.6	36.8
279	8.2	6.3	9.5





#85

Di-n-octyl phthalate

Concen: 36.535 ng

RT: 23.194 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG056003.D

Acq: 16 Dec 2022 21:14

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MS

Tgt Ion:149 Resp: 143210

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

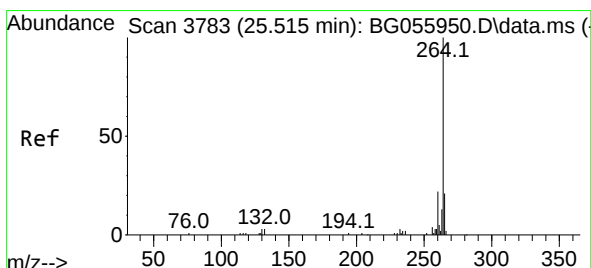
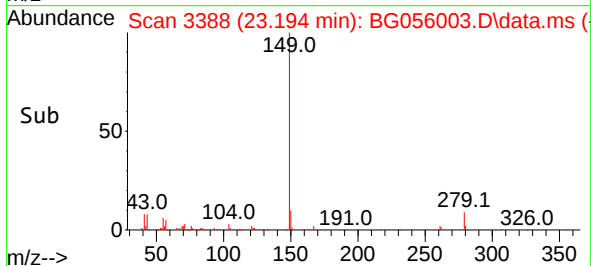
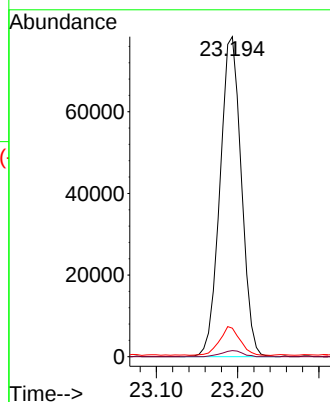
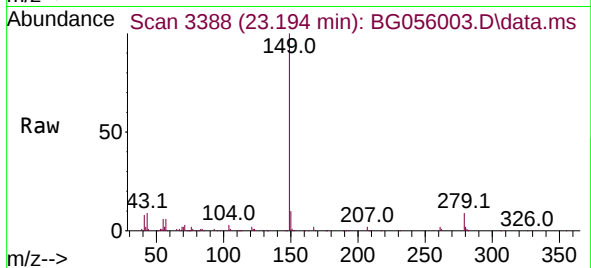
43 8.6 6.9 10.3

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.526 min Scan# 3785

Delta R.T. -0.007 min

Lab File: BG056003.D

Acq: 16 Dec 2022 21:14

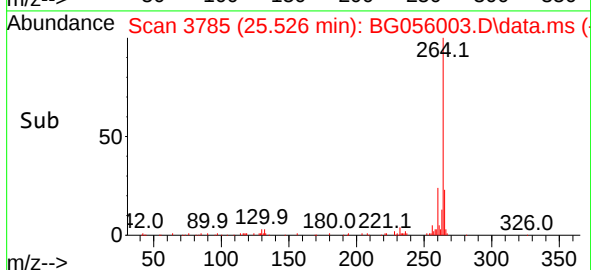
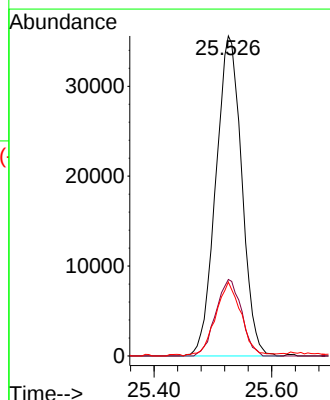
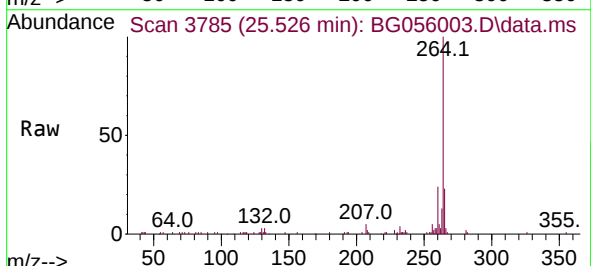
Tgt Ion:264 Resp: 108499

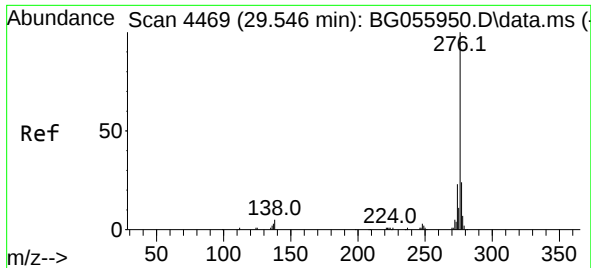
Ion Ratio Lower Upper

264 100

260 23.9 17.8 26.8

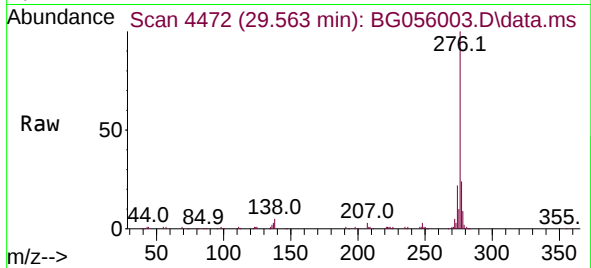
265 23.1 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.990 ng
 RT: 29.563 min Scan# 4469
 Delta R.T. -0.007 min
 Lab File: BG056003.D
 Acq: 16 Dec 2022 21:14

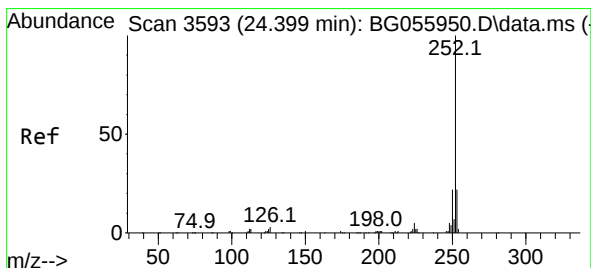
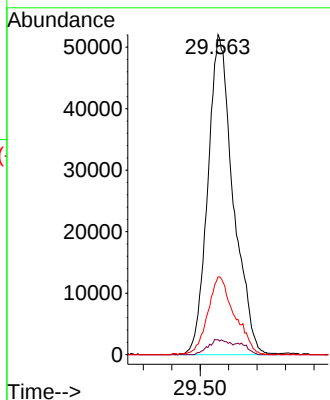
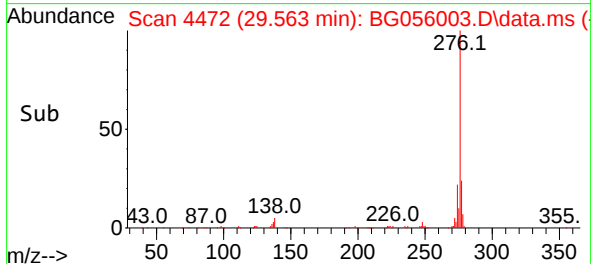
Instrument :
 BNA_G
 ClientSampleId :
 RB-42-(3-5)MS



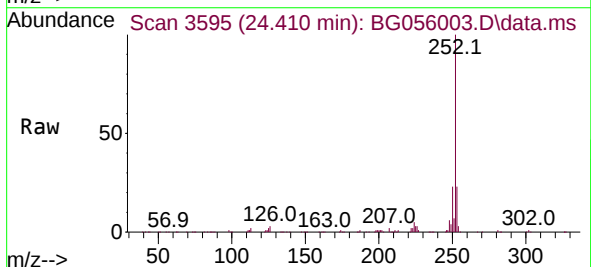
Tgt Ion:276 Resp: 32272
 Ion Ratio Lower Upper
 276 100
 138 4.0 3.0 4.4
 277 25.7 20.4 30.6

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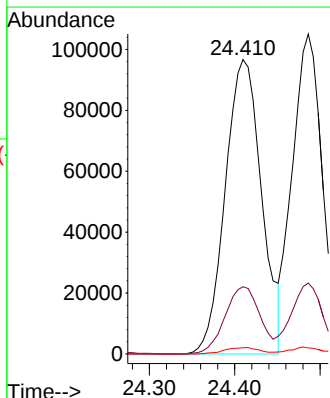
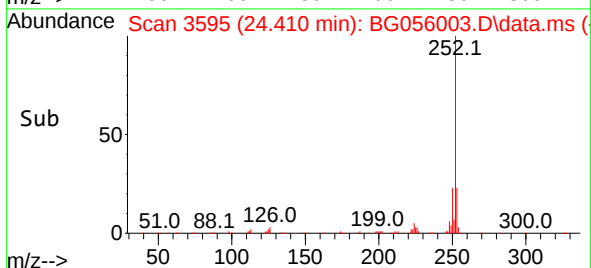
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

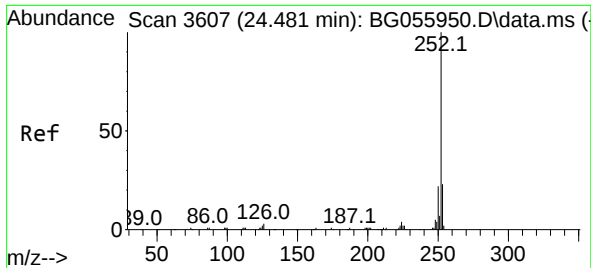


#88
 Benzo(b)fluoranthene
 Concen: 40.749 ng
 RT: 24.410 min Scan# 3595
 Delta R.T. -0.007 min
 Lab File: BG056003.D
 Acq: 16 Dec 2022 21:14



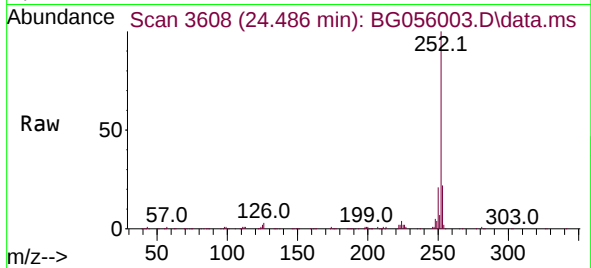
Tgt Ion:252 Resp: 286133
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.0
 125 2.1 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 36.674 ng m
RT: 24.486 min Scan# 3607
Delta R.T. -0.001 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

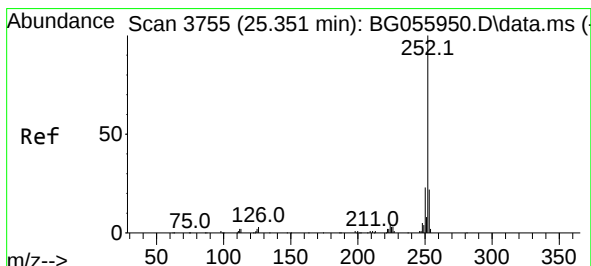
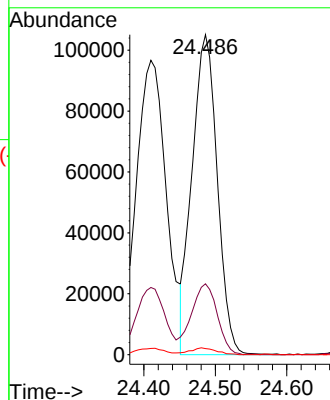
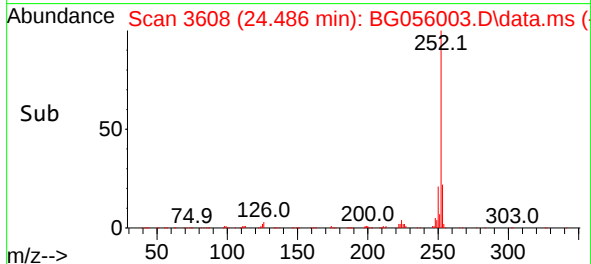
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



Tgt Ion:252 Resp: 25693
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 1.9 2.0 3.0

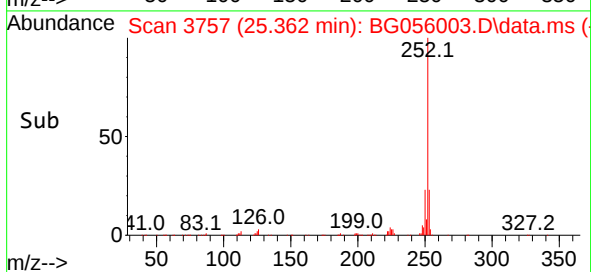
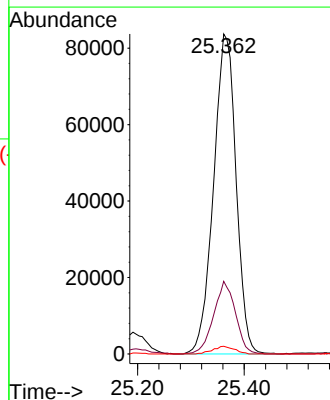
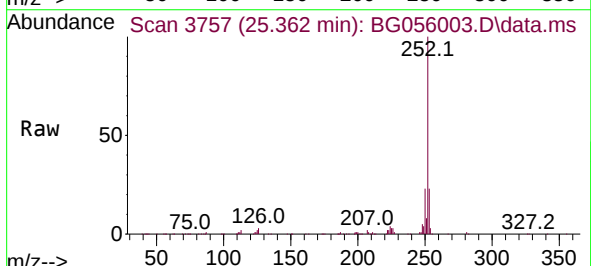
Manual Integrations
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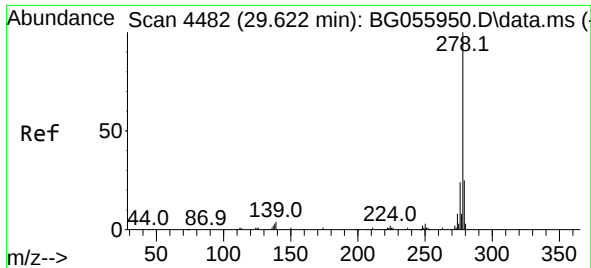
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#90
Benzo(a)pyrene
Concen: 41.289 ng
RT: 25.362 min Scan# 3757
Delta R.T. -0.012 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

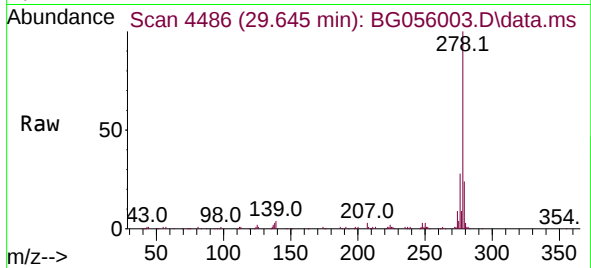
Tgt Ion:252 Resp: 245073
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 2.4 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 35.792 ng
RT: 29.645 min Scan# 4486
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14

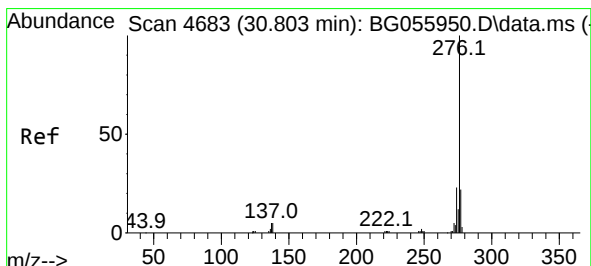
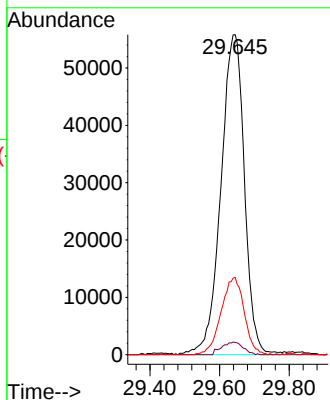
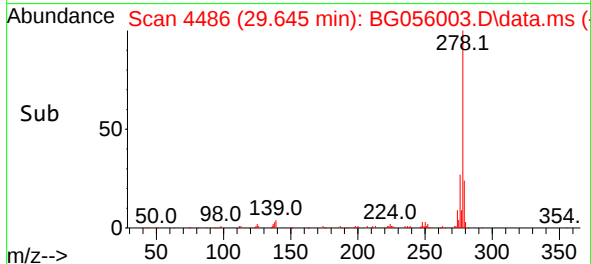
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MS



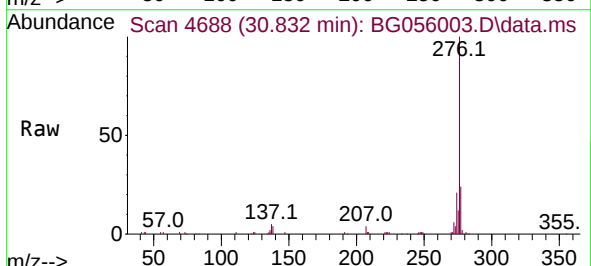
Tgt Ion:278 Resp: 26137
Ion Ratio Lower Upper
278 100
139 3.8 2.9 4.3
279 24.2 20.0 30.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#92
Benzo(g,h,i)perylene
Concen: 36.988 ng
RT: 30.832 min Scan# 4688
Delta R.T. -0.007 min
Lab File: BG056003.D
Acq: 16 Dec 2022 21:14



Tgt Ion:276 Resp: 261157
Ion Ratio Lower Upper
276 100
277 24.3 17.8 26.6
138 4.3 3.8 5.6

