

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059956.D
 Acq On : 5 Dec 2023 19:29
 Operator : MA/JU
 Sample : 05323-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 22:40:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	91632	20.000	ng	# 0.00
21) Naphthalene-d8	10.764	136	306527	20.000	ng	# 0.00
39) Acenaphthene-d10	14.601	164	312615	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1064821	20.000	ng	# 0.00
76) Chrysene-d12	21.622	240	1517378	20.000	ng	0.00
86) Perylene-d12	24.812	264	1674125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	722445	158.412	ng	0.00
7) Phenol-d6	7.115	99	958275	133.316	ng	0.00
23) Nitrobenzene-d5	9.119	82	759085	88.524	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	1340976	133.323	ng	0.00
45) 2-Fluorobiphenyl	13.226	172	2512496	87.659	ng	0.00
79) Terphenyl-d14	19.971	244	6012349	68.306	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.449	88	87486	56.738	ng	# 59
3) Pyridine	3.843	79	207054	44.996	ng	94
4) n-Nitrosodimethylamine	3.749	42	145778	60.262	ng	# 89
6) Aniline	7.286	93	156750	19.759	ng	96
8) 2-Chlorophenol	7.521	128	256015	57.550	ng	96
9) Benzaldehyde	7.098	77	19902m	3.727	ng	
10) Phenol	7.145	94	338604	47.095	ng	99
11) bis(2-Chloroethyl)ether	7.380	93	250083	49.982	ng	91
12) 1,3-Dichlorobenzene	7.850	146	287800	44.952	ng	97
13) 1,4-Dichlorobenzene	7.997	146	299687	45.218	ng	94
14) 1,2-Dichlorobenzene	8.314	146	278361	42.841	ng	95
15) Benzyl Alcohol	8.197	79	343746	48.393	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.490	45	118793m	45.208	ng	
17) 2-Methylphenol	8.396	107	224058	46.246	ng	92
18) Hexachloroethane	9.043	117	105270	40.937	ng	85
19) n-Nitroso-di-n-propyla...	8.767	70	232762	43.210	ng	# 91
20) 3+4-Methylphenols	8.725	107	306737	44.617	ng	95
22) Acetophenone	8.778	105	475856	48.581	ng	97
24) Nitrobenzene	9.166	77	387785	45.195	ng	95
25) Isophorone	9.683	82	654989	44.428	ng	# 94
26) 2-Nitrophenol	9.877	139	136884	50.166	ng	92
27) 2,4-Dimethylphenol	9.930	122	205083	54.755	ng	92
28) bis(2-Chloroethoxy)met...	10.171	93	318959	46.049	ng	96
29) 2,4-Dichlorophenol	10.406	162	392186	52.589	ng	98
30) 1,2,4-Trichlorobenzene	10.629	180	506869	46.610	ng	# 94
31) Naphthalene	10.817	128	749543	47.570	ng	# 95
32) Benzoic acid	10.053	122	176479m	49.412	ng	
33) 4-Chloroaniline	10.917	127	33969	5.528	ng	93
34) Hexachlorobutadiene	11.105	225	550788	45.174	ng	98
35) Caprolactam	11.698	113	68466m	43.652	ng	
36) 4-Chloro-3-methylphenol	12.039	107	322814	52.565	ng	92
37) 2-Methylnaphthalene	12.427	142	633447	47.364	ng	99
38) 1-Methylnaphthalene	12.644	142	618830	47.380	ng	97
40) 1,2,4,5-Tetrachloroben...	12.791	216	1078043	48.306	ng	98
41) Hexachlorocyclopentadiene	12.774	237	1137229	100.567	ng	95
43) 2,4,6-Trichlorophenol	13.026	196	560729	49.068	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.097	196	623782	49.639	ng	97
46) 1,1'-Biphenyl	13.432	154	1126837	49.323	ng	100
47) 2-Chloronaphthalene	13.479	162	941180	46.045	ng	97
48) 2-Nitroaniline	13.673	65	202914	52.372	ng	98
49) Acenaphthylene	14.319	152	1364512	49.879	ng	100
50) Dimethylphthalate	14.054	163	1297454	48.754	ng	98
51) 2,6-Dinitrotoluene	14.172	165	277635	47.618	ng	91
52) Acenaphthene	14.660	154	1114697m	56.456	ng	
53) 3-Nitroaniline	14.501	138	89658	24.787	ng	# 75
54) 2,4-Dinitrophenol	14.701	184	512919	100.860	ng	96
55) Dibenzofuran	15.000	168	1617129	48.557	ng	97
56) 4-Nitrophenol	14.801	139	281579	89.699	ng	# 85
57) 2,4-Dinitrotoluene	14.959	165	377820	46.592	ng	# 96
58) Fluorene	15.647	166	1386490	48.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.218	232	744400	49.796	ng	99
60) Diethylphthalate	15.423	149	1121654	47.322	ng	96
61) 4-Chlorophenyl-phenyle...	15.641	204	1219750	47.444	ng	96
62) 4-Nitroaniline	15.664	138	172298	41.383	ng	94
63) Azobenzene	15.935	77	1066996	43.392	ng	95
65) 4,6-Dinitro-2-methylph...	15.717	198	372508	45.757	ng	91
66) n-Nitrosodiphenylamine	15.858	169	1253887	51.407	ng	98
67) 4-Bromophenyl-phenylether	16.540	248	897722	49.209	ng	97
68) Hexachlorobenzene	16.651	284	1015614	50.104	ng	98
69) Atrazine	16.804	200	710870	59.067	ng	98
70) Pentachlorophenol	16.992	266	1396774	95.093	ng	98
71) Phenanthrene	17.392	178	2517693	50.073	ng	98
72) Anthracene	17.480	178	2523546	49.102	ng	99
73) Carbazole	17.750	167	1915365	49.035	ng	99
74) Di-n-butylphthalate	18.320	149	1747722	51.730	ng	99
75) Fluoranthene	19.407	202	3732860	45.174	ng	99
77) Benzidine	19.583	184	209809	16.406	ng	95
78) Pyrene	19.765	202	3790145	46.936	ng	93
80) Butylbenzylphthalate	20.664	149	621087	54.219	ng	94
81) Benzo(a)anthracene	21.604	228	4751959	46.937	ng	94
82) 3,3'-Dichlorobenzidine	21.516	252	1004814	30.220	ng	95
83) Chrysene	21.669	228	4440263	46.780	ng	93
84) Bis(2-ethylhexyl)phtha...	21.522	149	975777	55.669	ng	98
85) Di-n-octyl phthalate	22.732	149	1726887	57.008	ng	98
87) Indeno(1,2,3-cd)pyrene	28.467	276	6612111	53.486	ng	# 99
88) Benzo(b)fluoranthene	23.802	252	5357392	51.773	ng	# 96
89) Benzo(k)fluoranthene	23.872	252	5022090	49.807	ng	# 94
90) Benzo(a)pyrene	24.666	252	4685197	50.698	ng	98
91) Dibenzo(a,h)anthracene	28.526	278	5667667	53.998	ng	98
92) Benzo(g,h,i)perylene	29.601	276	5119390	50.431	ng	# 96

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

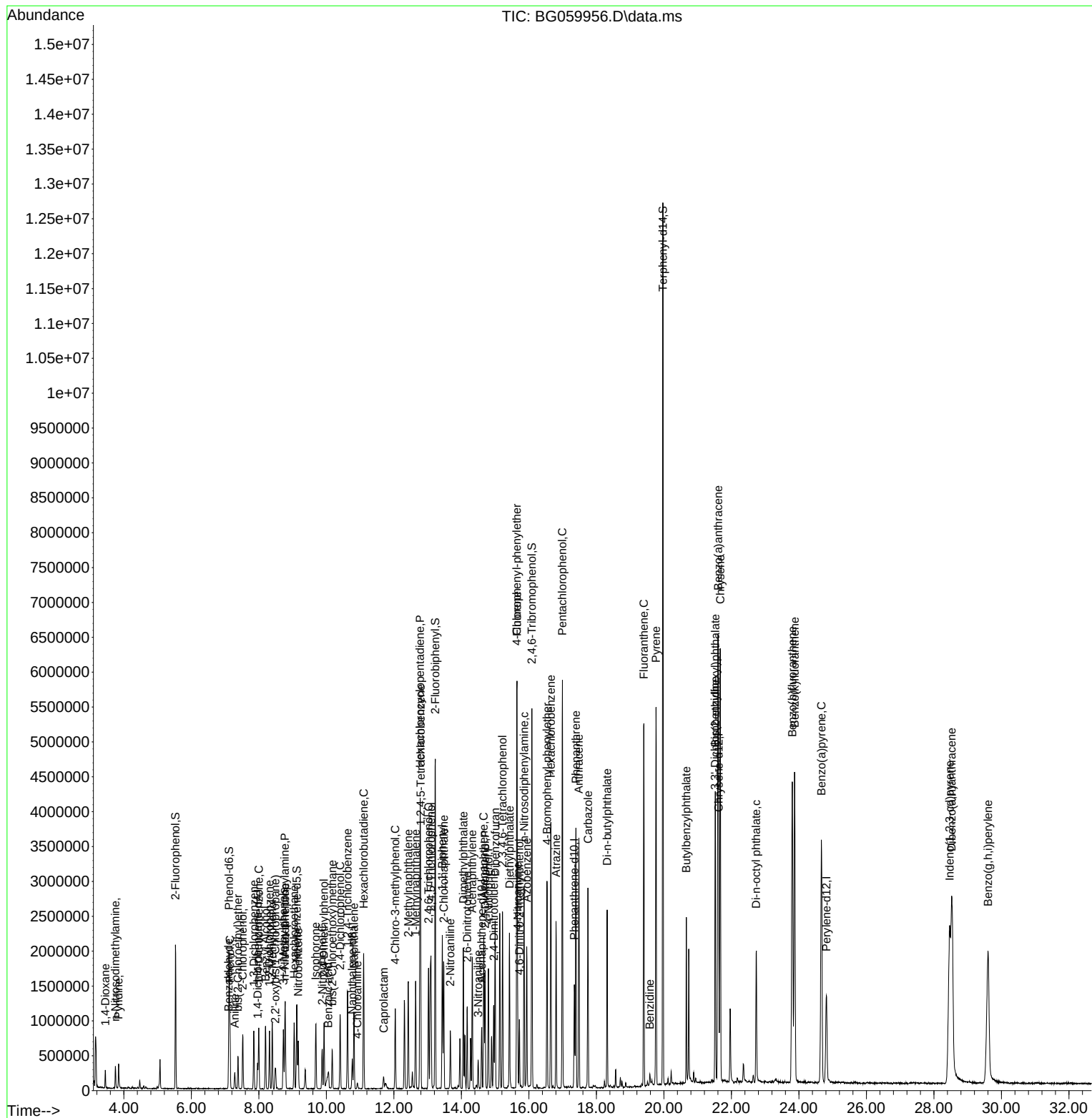
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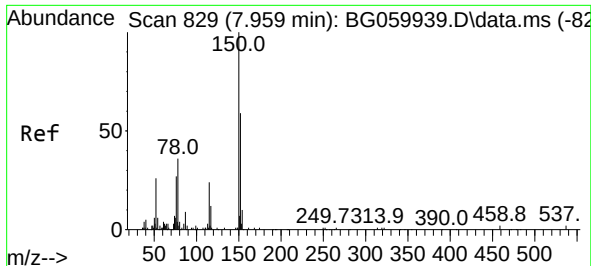
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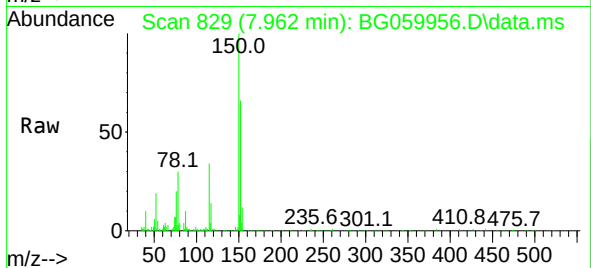
Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/06/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.962 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

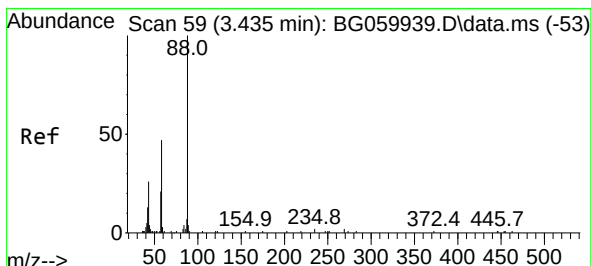
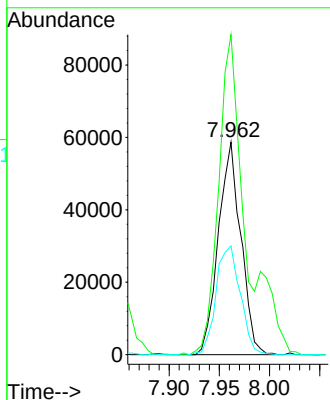
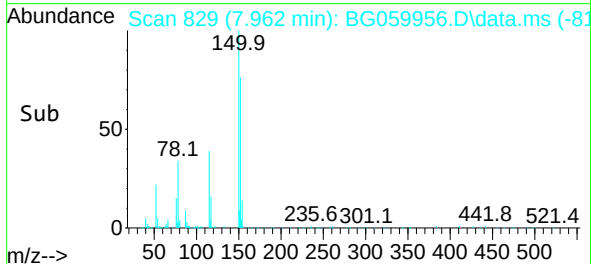
Instrument :
BNA_G
ClientSampleId :
TP-1MS



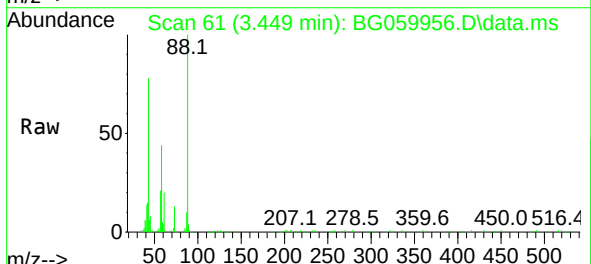
Tgt Ion:152 Resp: 9163
Ion Ratio Lower Upper
152 100
150 150.6 136.9 205.3
115 51.3 32.9 49.3

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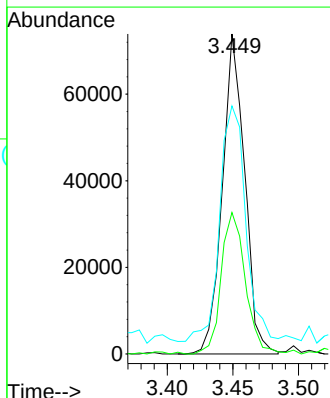
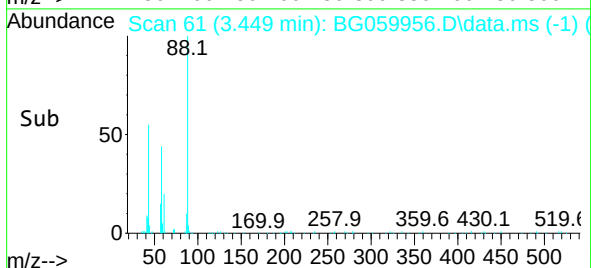
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

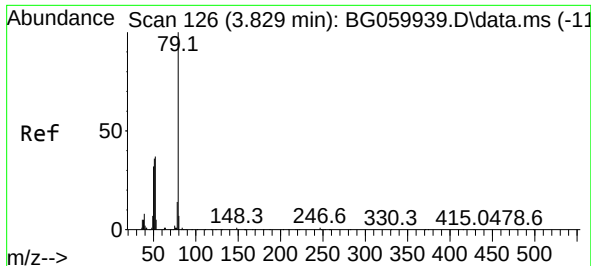


#2
1,4-Dioxane
Concen: 56.738 ng
RT: 3.449 min Scan# 61
Delta R.T. 0.014 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion: 88 Resp: 87486
Ion Ratio Lower Upper
88 100
58 47.7 38.2 57.2
43 85.2 21.0 31.4





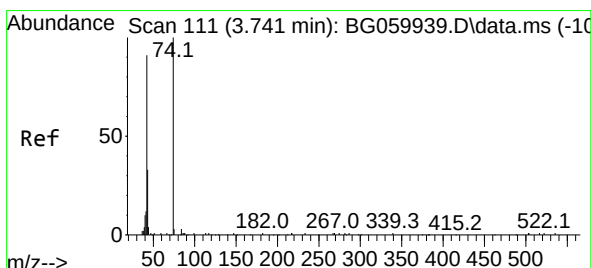
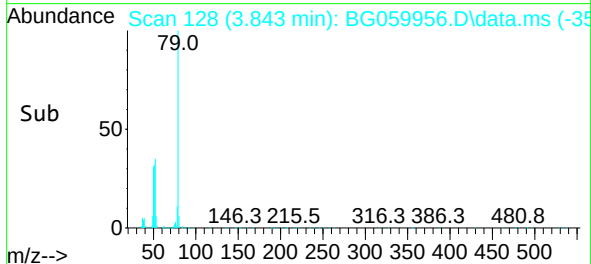
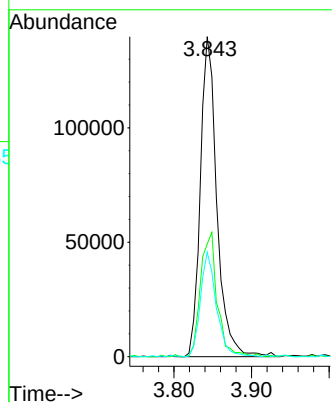
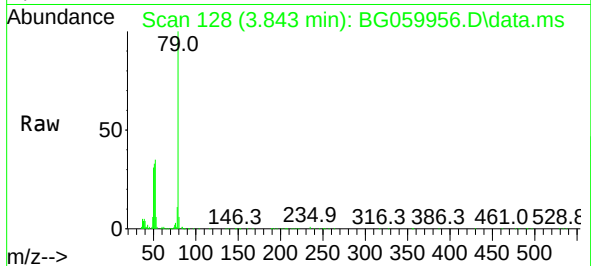
#3
Pyridine
Concen: 44.996 ng
RT: 3.843 min Scan# 11
Delta R.T. 0.014 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion: 79 Resp: 207054
Ion Ratio Lower Upper
79 100
52 35.2 29.8 44.8
51 32.7 30.3 45.5

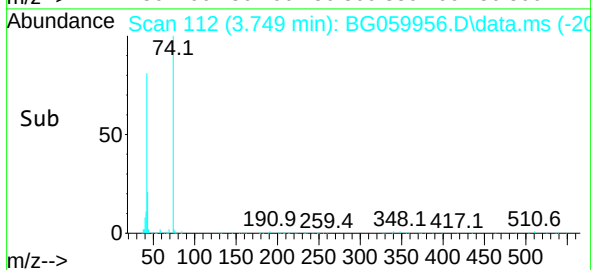
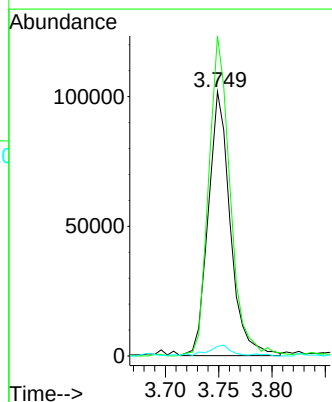
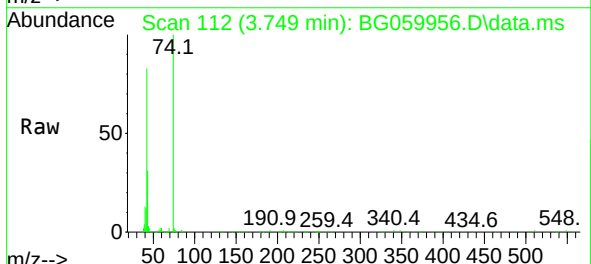
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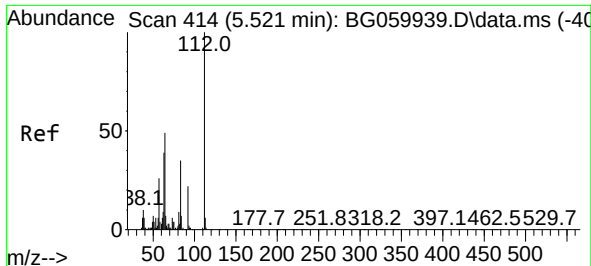
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#4
n-Nitrosodimethylamine
Concen: 60.262 ng
RT: 3.749 min Scan# 112
Delta R.T. 0.008 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Tgt Ion: 42 Resp: 145778
Ion Ratio Lower Upper
42 100
74 121.0 87.4 131.2
44 3.6 3.7 5.5#





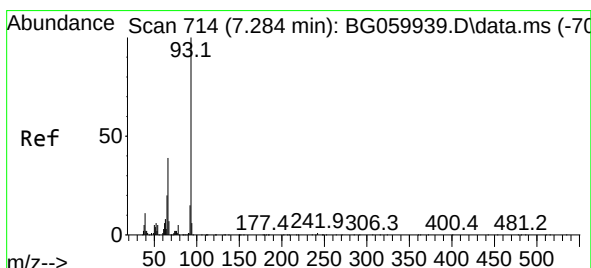
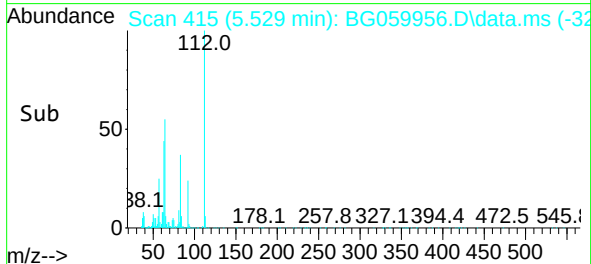
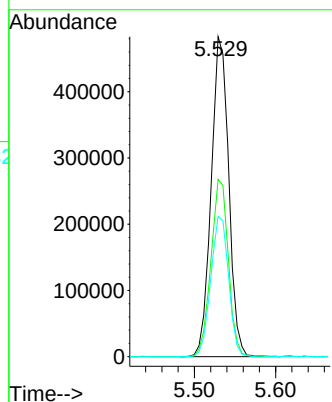
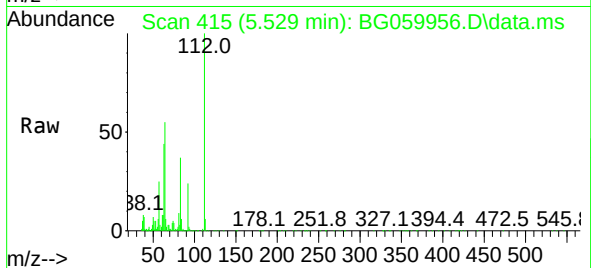
#5
2-Fluorophenol
Concen: 158.412 ng
RT: 5.529 min Scan# 414
Delta R.T. 0.008 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 722445
Ion Ratio Lower Upper
112 100
64 55.4 39.4 59.0
63 43.9 31.2 46.8

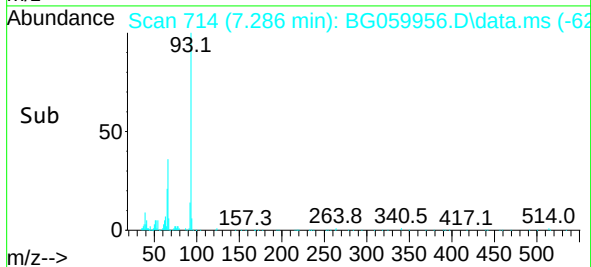
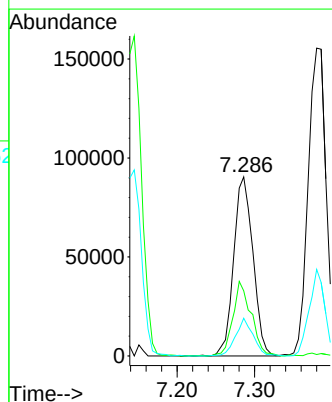
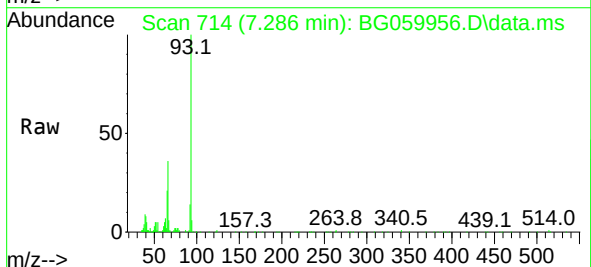
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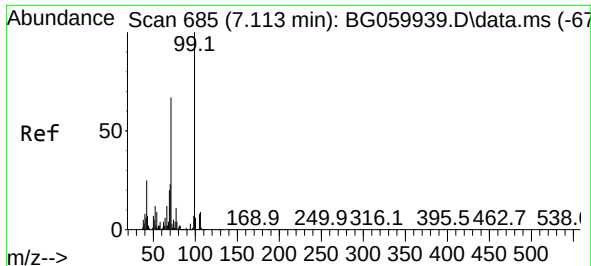
Reviewed By :Yogesh Patel 12/06/2023
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#6
Aniline
Concen: 19.759 ng
RT: 7.286 min Scan# 714
Delta R.T. 0.002 min
Lab File: BG059956.D
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Tgt Ion: 93 Resp: 156750
Ion Ratio Lower Upper
93 100
66 36.4 31.4 47.0
65 21.1 16.2 24.2





#7

Phenol-d6

Concen: 133.316 ng

RT: 7.115 min Scan# 685

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

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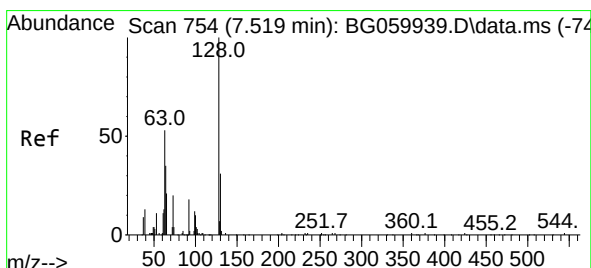
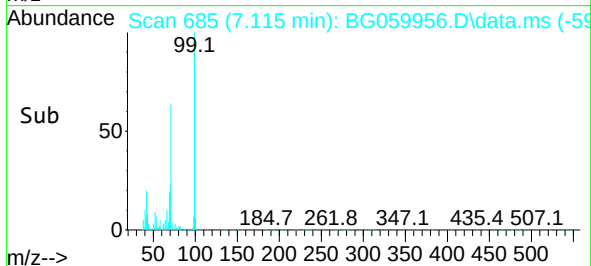
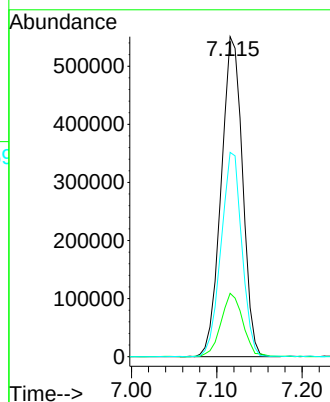
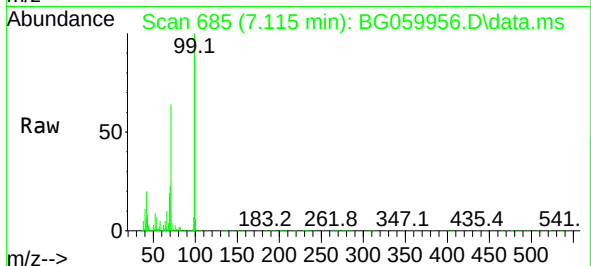
Tgt Ion: 99	Resp: 95827
Ion Ratio	Lower Upper
99 100	
42 19.8	20.1 30.1
71 63.8	53.8 80.6

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#8

2-Chlorophenol

Concen: 57.550 ng

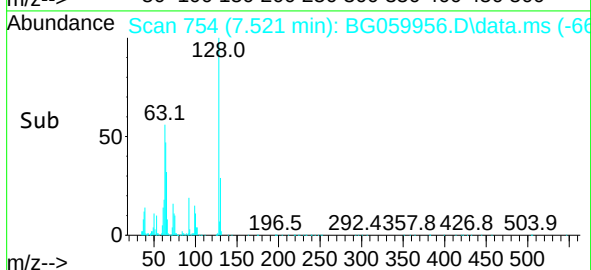
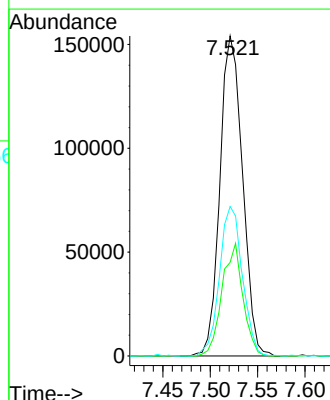
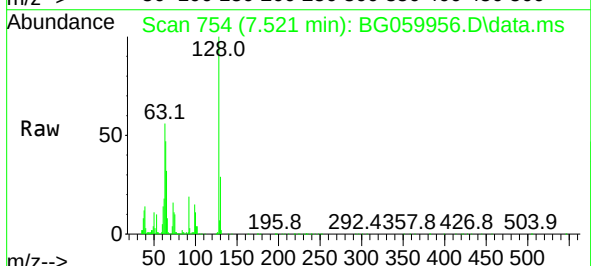
RT: 7.521 min Scan# 754

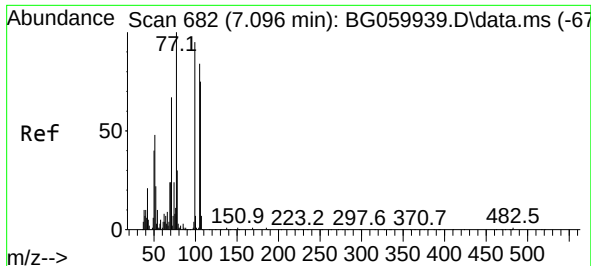
Delta R.T. 0.002 min

Lab File: BG059956.D

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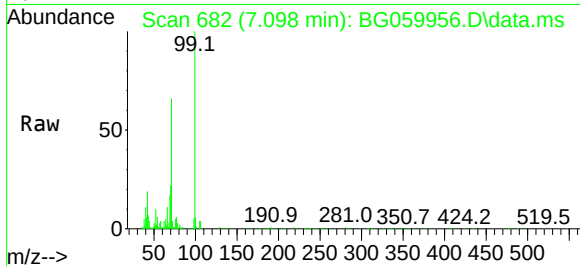
Tgt Ion:128	Resp: 256015
Ion Ratio	Lower Upper
128 100	
130 29.3	10.9 50.9
64 46.7	30.3 70.3





#9
Benzaldehyde
Concen: 3.727 ng m
RT: 7.098 min Scan# 61
Delta R.T. 0.002 min
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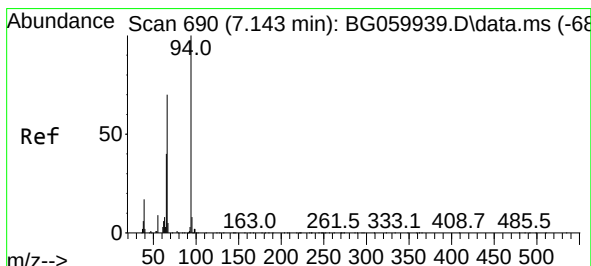
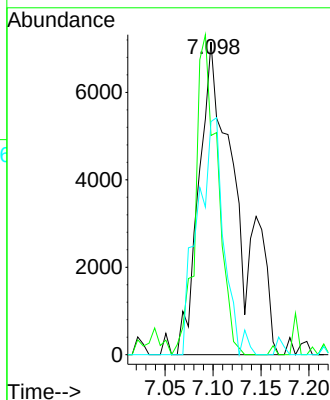
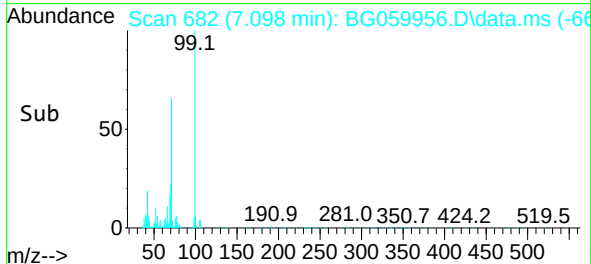
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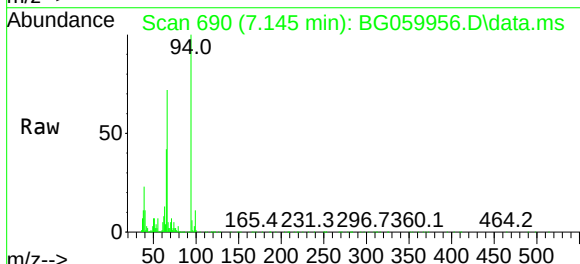
Tgt Ion: 77 Resp: 1990
Ion Ratio Lower Upper
77 100
105 70.1 64.2 104.2
106 74.6 55.6 95.6

Manual Integrations
APPROVED

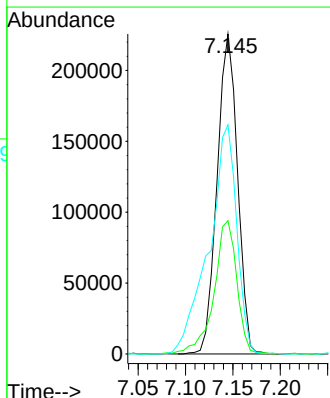
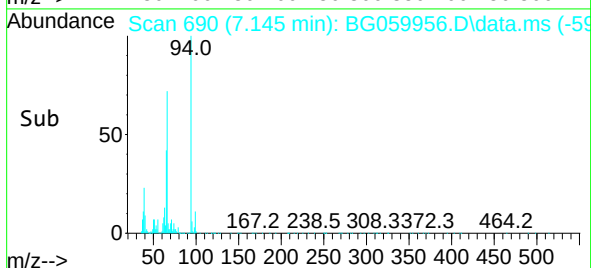
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

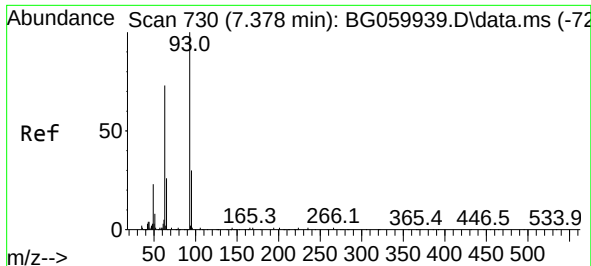


#10
Phenol
Concen: 47.095 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



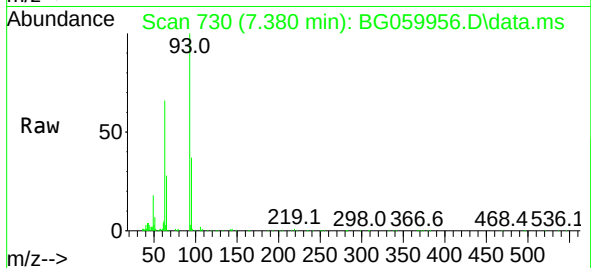
Tgt Ion: 94 Resp: 338604
Ion Ratio Lower Upper
94 100
65 41.6 20.6 60.6
66 71.6 52.1 92.1





#11
bis(2-Chloroethyl)ether
Concen: 49.982 ng
RT: 7.380 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

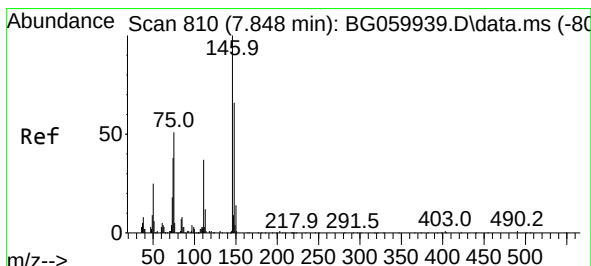
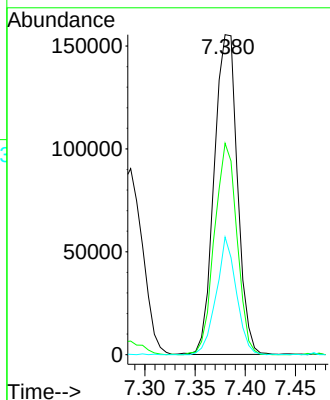
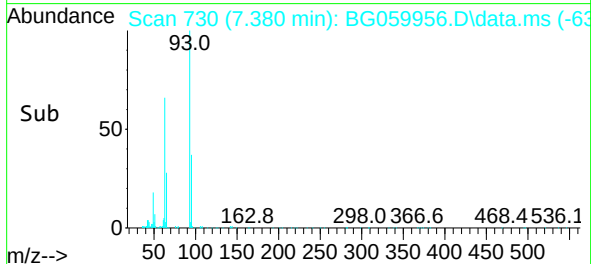
Instrument :
BNA_G
ClientSampleId :
TP-1MS



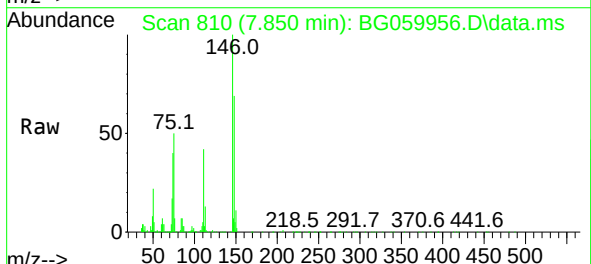
Tgt Ion: 93 Resp: 25008
Ion Ratio Lower Upper
93 100
63 66.0 52.9 92.9
95 36.8 9.9 49.9

Manual Integrations
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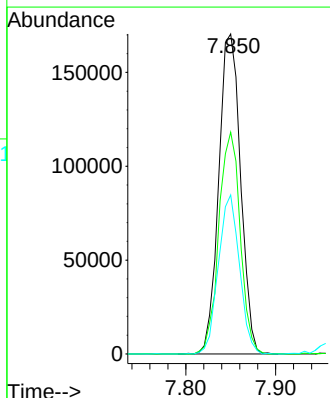
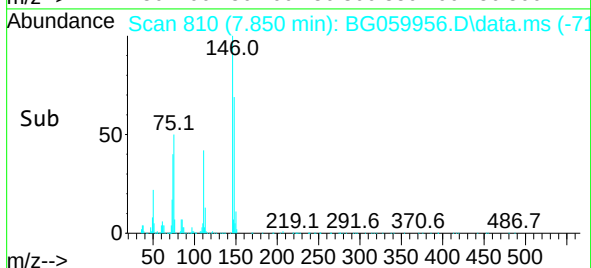
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

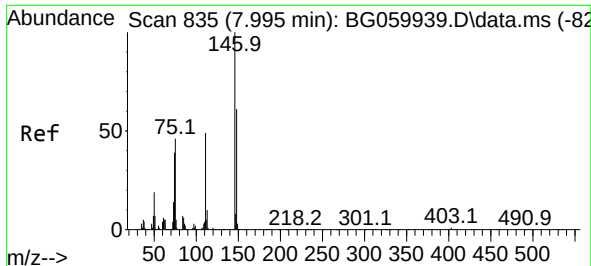


#12
1,3-Dichlorobenzene
Concen: 44.952 ng
RT: 7.850 min Scan# 810
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:146 Resp: 287800
Ion Ratio Lower Upper
146 100
148 69.3 52.9 79.3
75 49.7 40.7 61.1





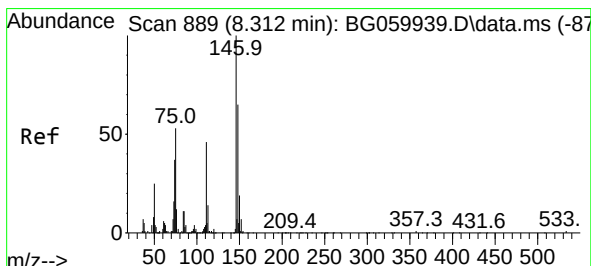
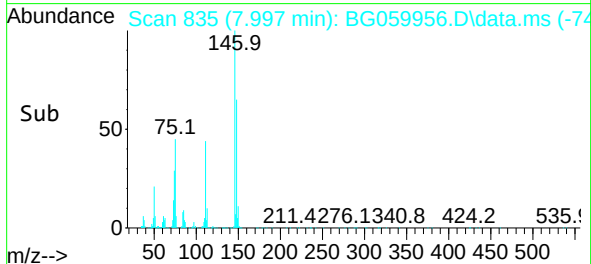
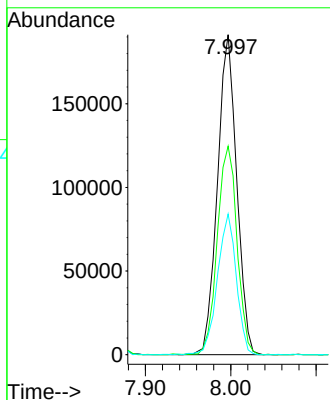
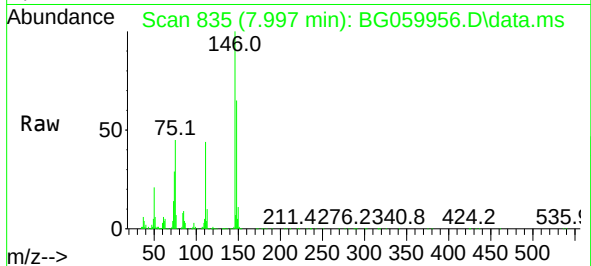
#13
1,4-Dichlorobenzene
Concen: 45.218 ng
RT: 7.997 min Scan# 811
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:146 Resp: 29968
Ion Ratio Lower Upper
146 100
148 65.2 48.8 73.2
111 43.9 39.1 58.7

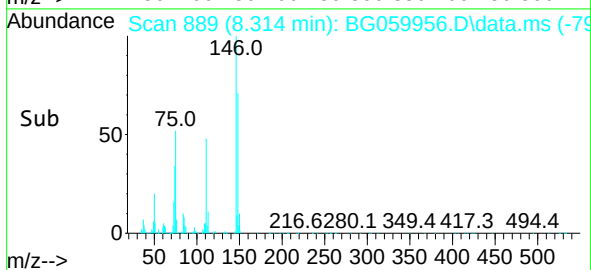
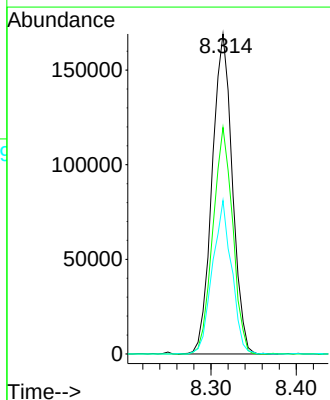
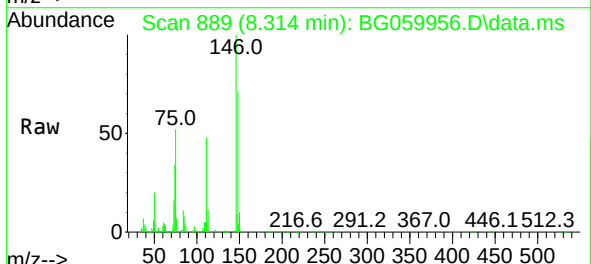
Manual Integrations
APPROVED

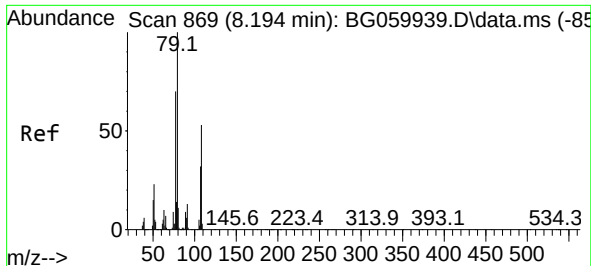
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#14
1,2-Dichlorobenzene
Concen: 42.841 ng
RT: 8.314 min Scan# 889
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

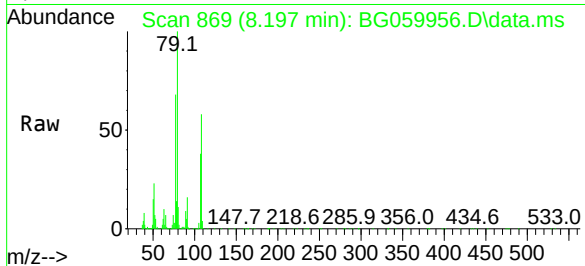
Tgt Ion:146 Resp: 278361
Ion Ratio Lower Upper
146 100
148 70.8 52.4 78.6
111 48.0 36.7 55.1





#15
Benzyl Alcohol
Concen: 48.393 ng
RT: 8.197 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

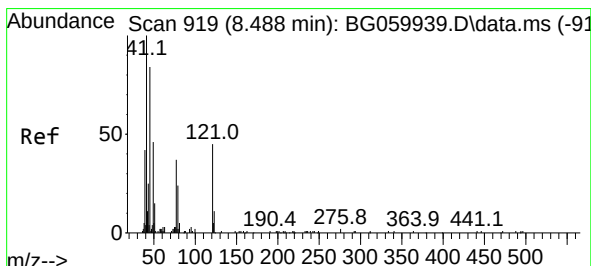
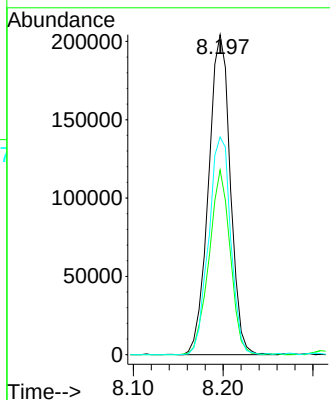
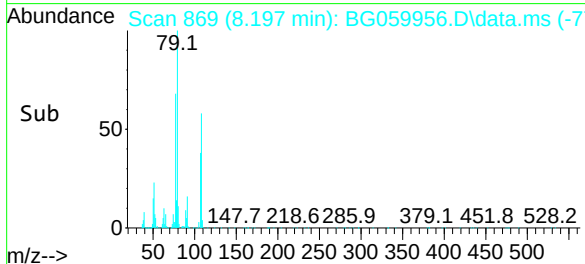
Instrument :
BNA_G
ClientSampleId :
TP-1MS



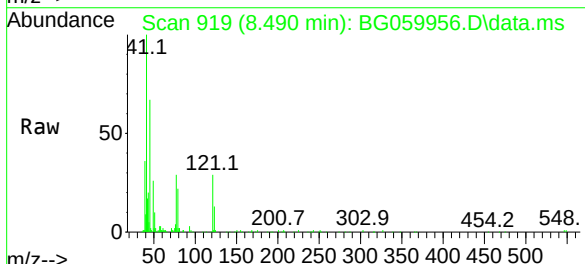
Tgt Ion: 79 Resp: 343740
Ion Ratio Lower Upper
79 100
108 57.8 42.7 64.1
77 68.0 56.3 84.5

Manual Integrations
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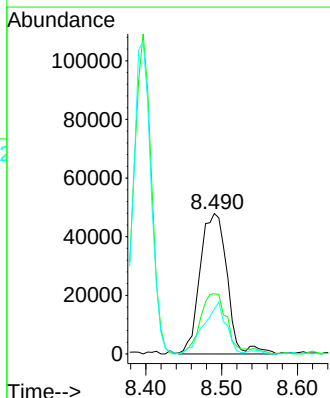
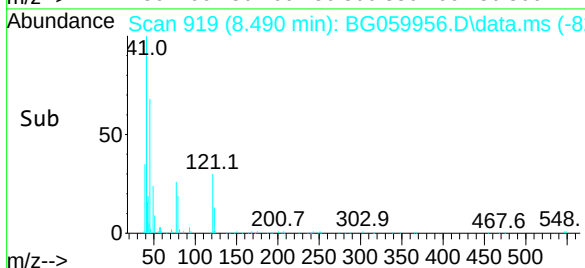
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

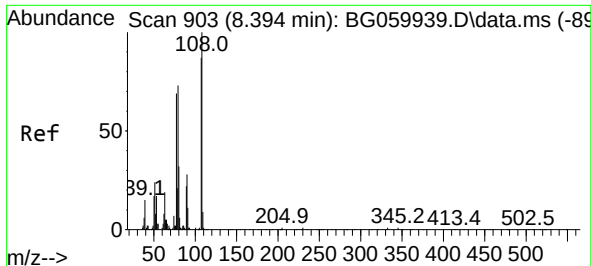


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.208 ng m
RT: 8.490 min Scan# 919
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



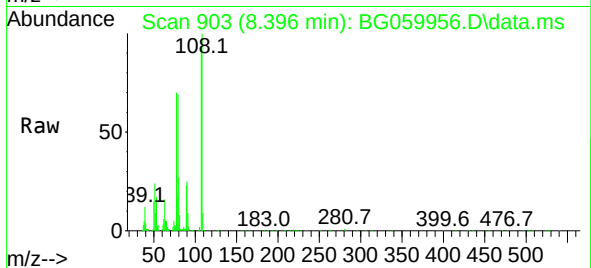
Tgt Ion: 45 Resp: 118793
Ion Ratio Lower Upper
45 100
77 42.9 26.2 66.2
79 32.0 11.2 51.2





#17
2-Methylphenol
Concen: 46.246 ng
RT: 8.396 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

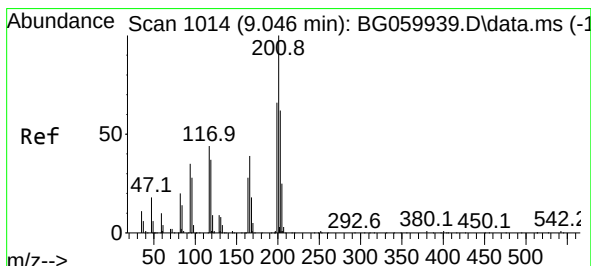
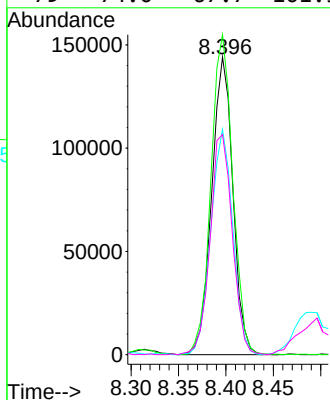
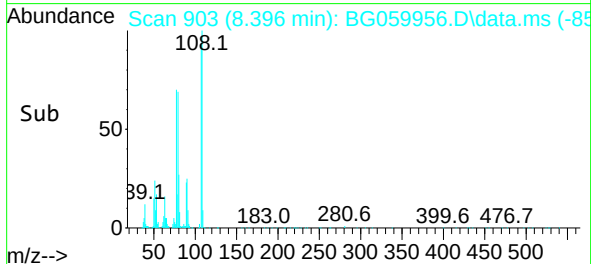


Tgt Ion:107 Resp: 224058

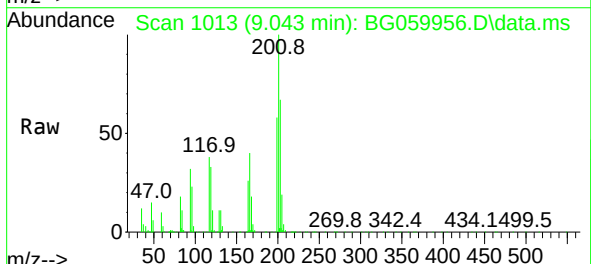
Ion	Ratio	Lower	Upper
107	100		
108	107.6	92.2	138.4
77	75.8	63.7	95.5
79	74.0	67.7	101.5

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Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

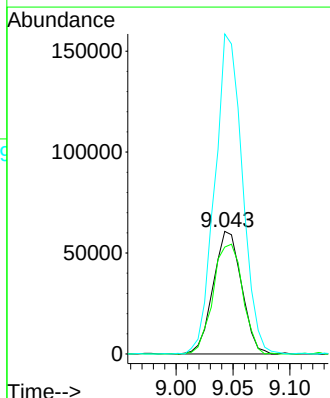
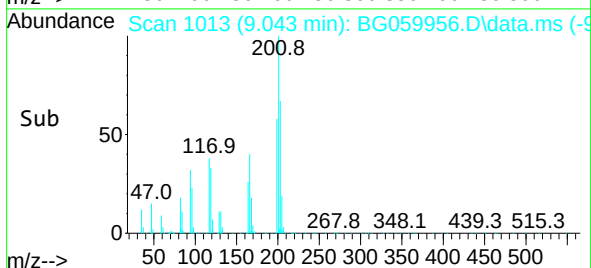


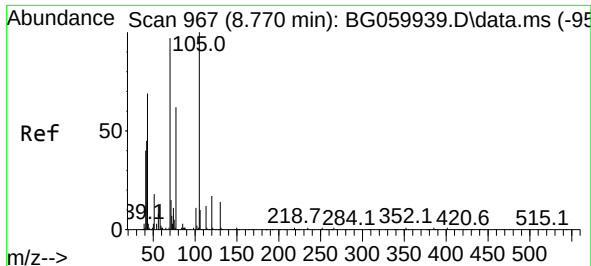
#18
Hexachloroethane
Concen: 40.937 ng
RT: 9.043 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:117 Resp: 105270

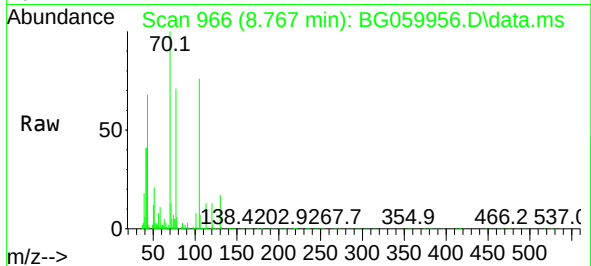
Ion	Ratio	Lower	Upper
117	100		
119	87.3	67.5	101.3
201	261.1	183.0	274.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.210 ng
RT: 8.767 min Scan# 967
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

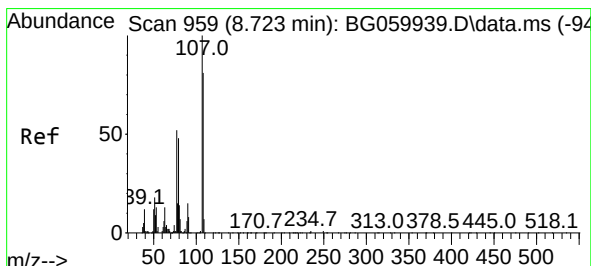
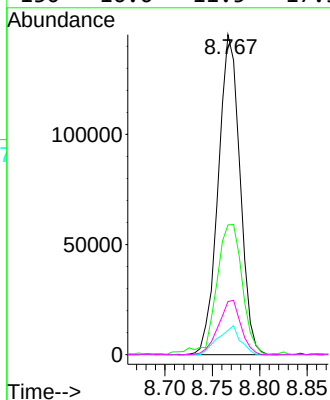
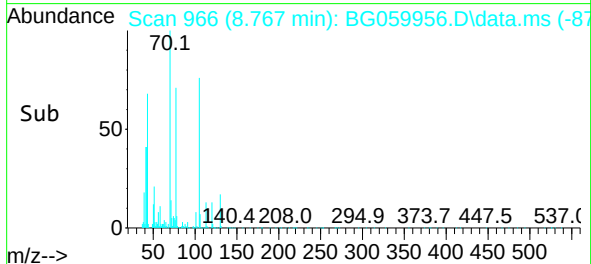
Instrument :
BNA_G
Client SampleId :
TP-1MS



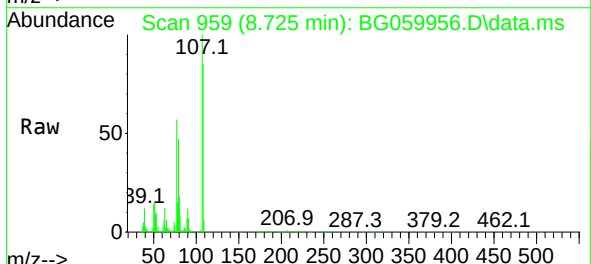
Tgt Ion: 70 Resp: 232762
Ion Ratio Lower Upper
70 100
42 40.6 38.1 57.1
101 7.6 8.6 13.0
130 16.6 11.5 17.3

Manual Integrations
APPROVED

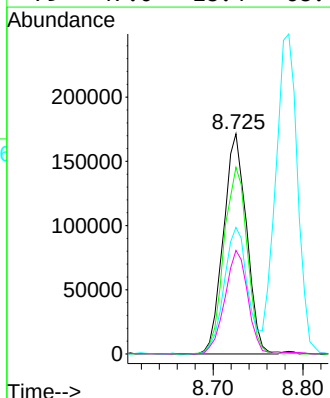
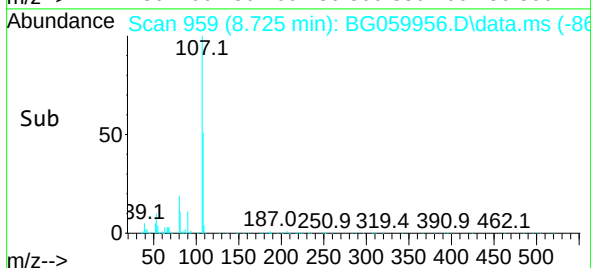
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

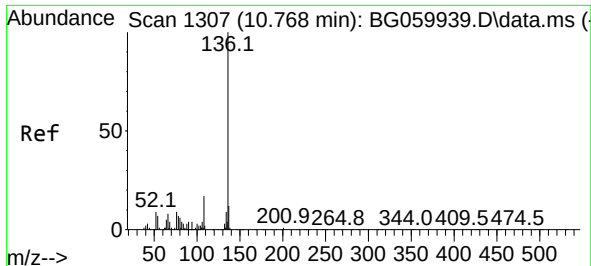


#20
3+4-Methylphenols
Concen: 44.617 ng
RT: 8.725 min Scan# 959
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:107 Resp: 306737
Ion Ratio Lower Upper
107 100
108 84.8 60.7 100.7
77 57.4 32.2 72.2
79 47.0 28.4 68.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.764 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

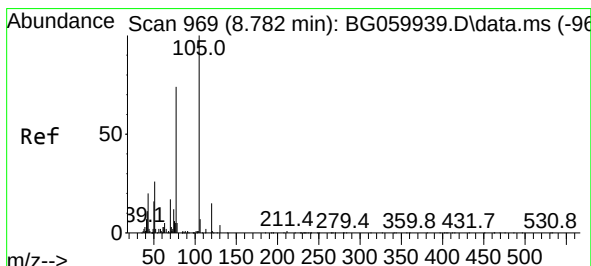
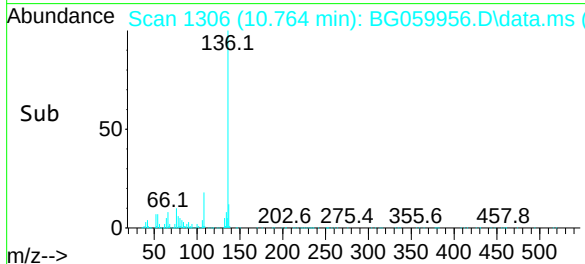
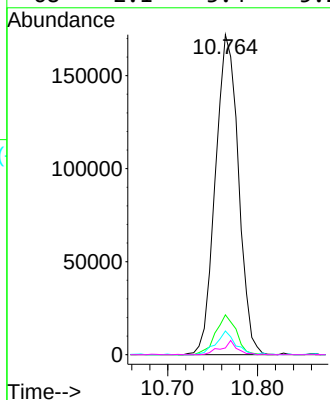
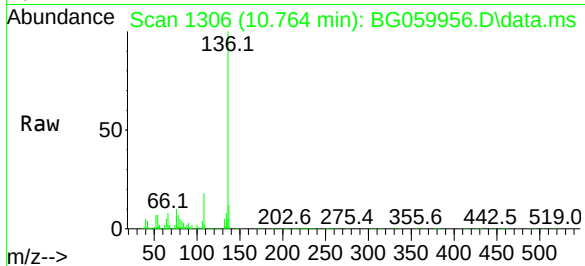
ClientSampleId :

TP-IMS

Tgt Ion:136 Resp: 30652
Ion Ratio Lower Upper
136 100
137 12.5 9.8 14.6
54 7.4 5.8 8.6
68 2.1 3.4 5.2#

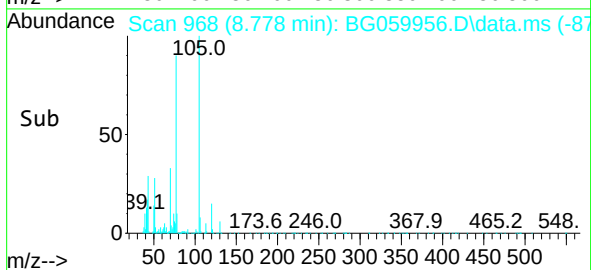
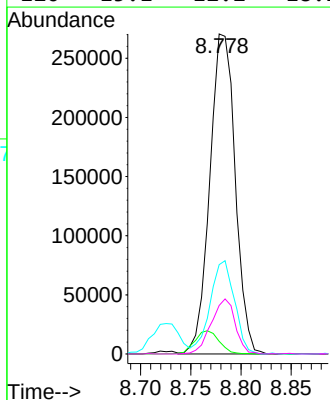
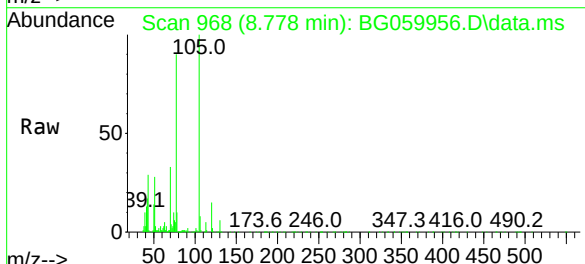
Manual Integrations
APPROVED

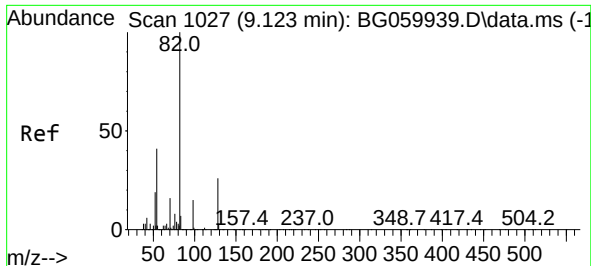
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#22
Acetophenone
Concen: 48.581 ng
RT: 8.778 min Scan# 968
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Tgt Ion:105 Resp: 475856
Ion Ratio Lower Upper
105 100
71 4.0 3.0 4.4
51 27.9 24.4 36.6
120 15.1 12.2 18.2





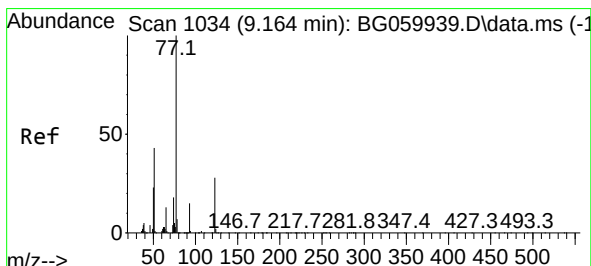
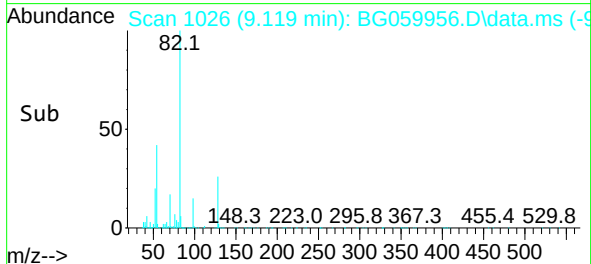
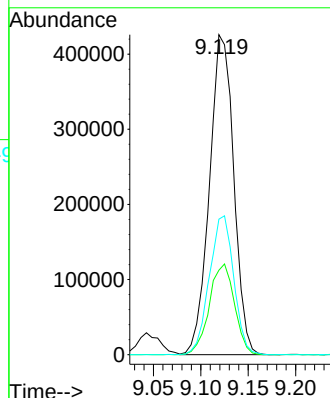
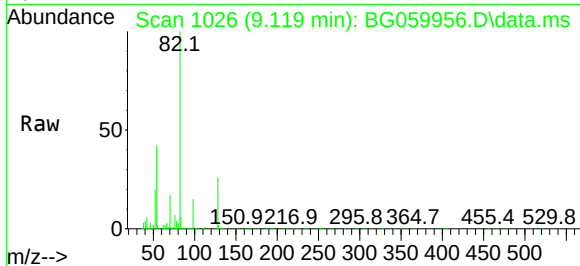
#23
Nitrobenzene-d5
Concen: 88.524 ng
RT: 9.119 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion: 82 Resp: 759085
Ion Ratio Lower Upper
82 100
128 26.4 21.0 31.6
54 42.4 32.6 48.8

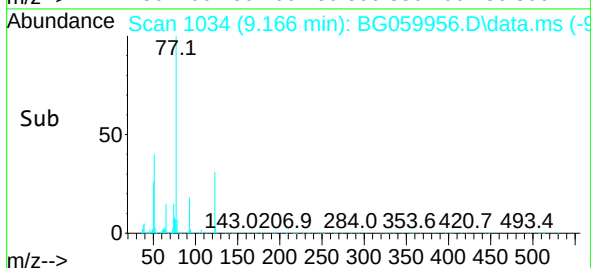
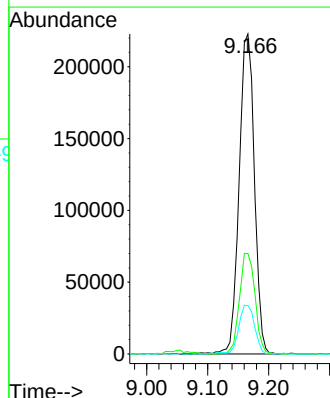
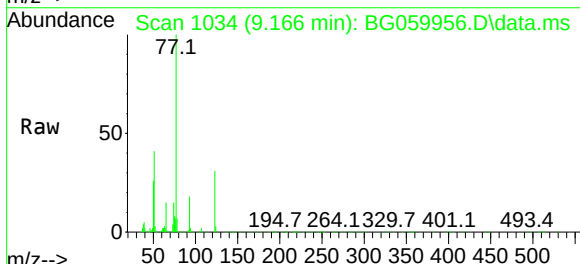
Manual Integrations
APPROVED

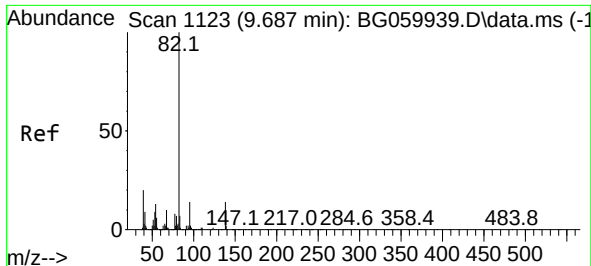
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#24
Nitrobenzene
Concen: 45.195 ng
RT: 9.166 min Scan# 1034
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Tgt Ion: 77 Resp: 387785
Ion Ratio Lower Upper
77 100
123 31.4 22.7 34.1
65 15.2 10.6 16.0





#25
Isophorone
Concen: 44.428 ng
RT: 9.683 min Scan# 1122
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

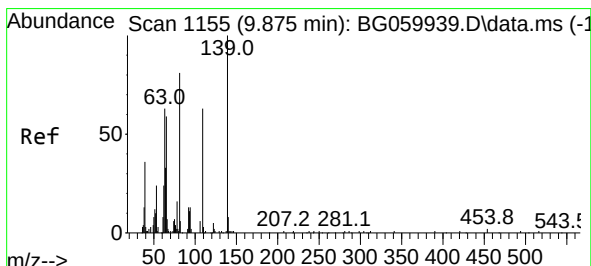
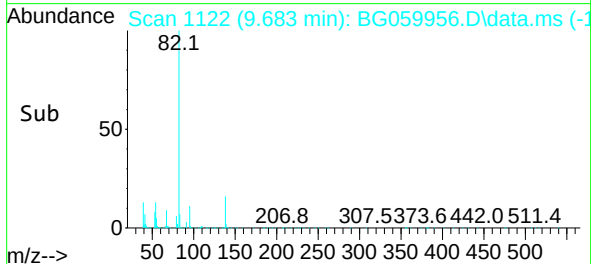
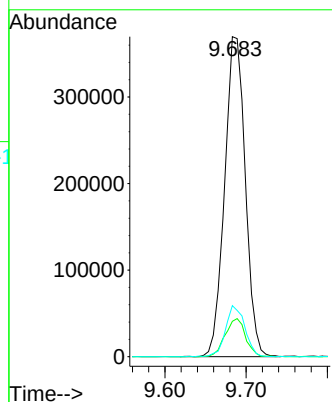
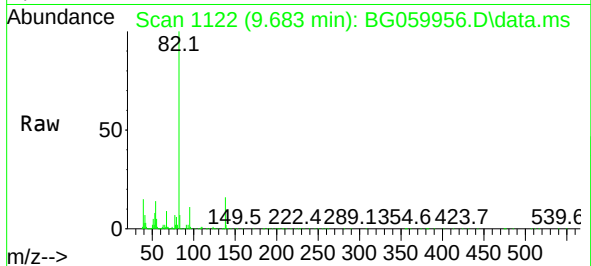
TP-IMS

Tgt Ion: 82 Resp: 654989
Ion Ratio Lower Upper
82 100
95 11.0 11.2 16.8
138 16.0 11.0 16.4

Manual Integrations

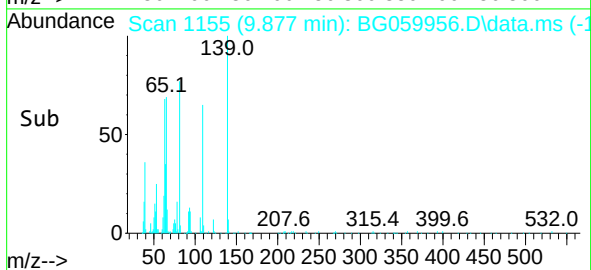
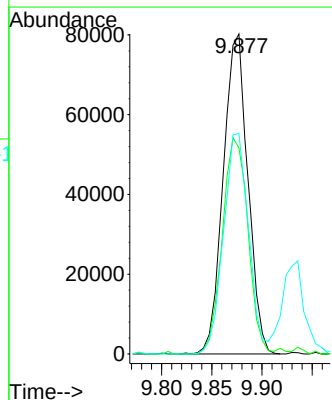
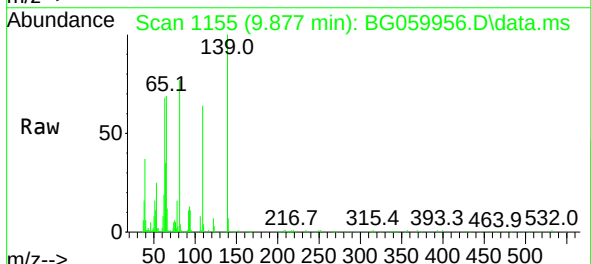
APPROVED

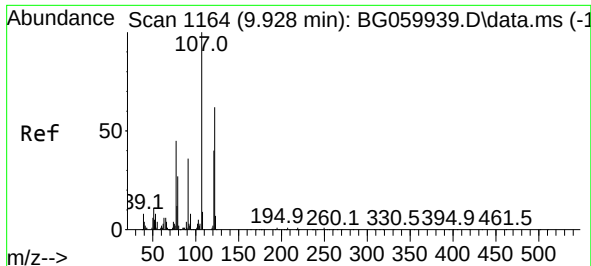
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#26
2-Nitrophenol
Concen: 50.166 ng
RT: 9.877 min Scan# 1155
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

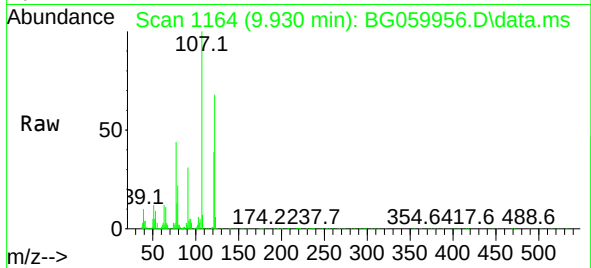
Tgt Ion:139 Resp: 136884
Ion Ratio Lower Upper
139 100
109 64.4 50.2 75.2
65 68.9 46.8 70.2





#27
2,4-Dimethylphenol
Concen: 54.755 ng
RT: 9.930 min Scan# 1164
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

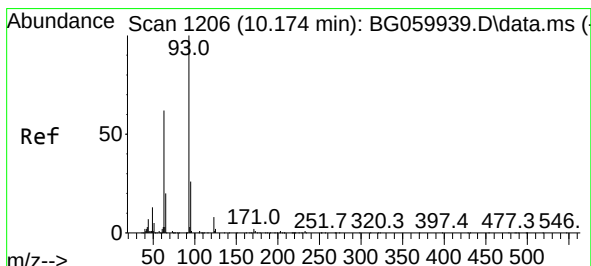
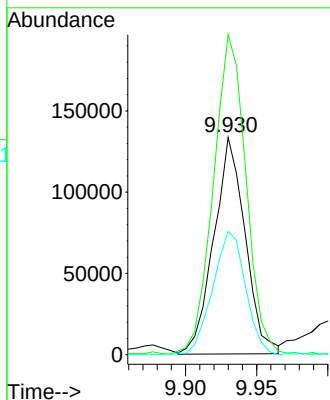
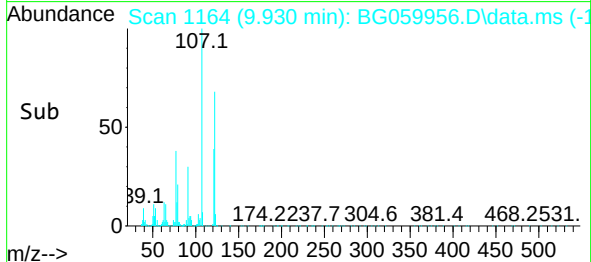
Instrument :
BNA_G
ClientSampleId :
TP-1MS



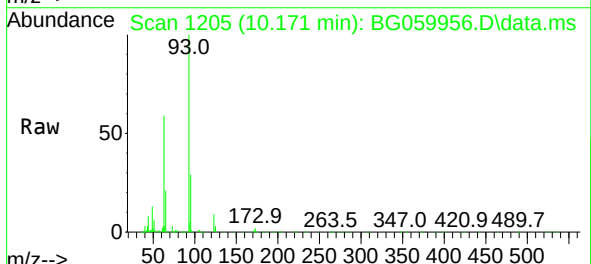
Tgt Ion:122 Resp: 20508
Ion Ratio Lower Upper
122 100
107 147.2 126.1 189.1
121 56.7 50.3 75.5

Manual Integrations
APPROVED

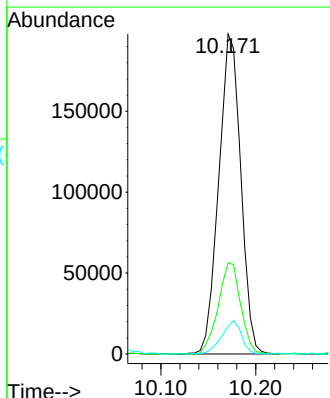
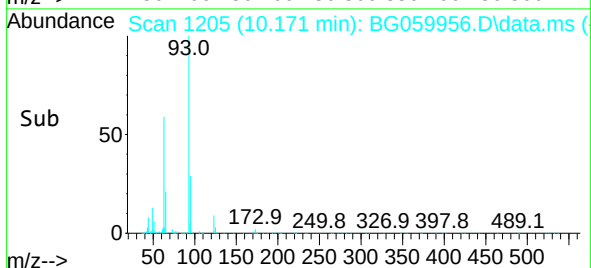
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

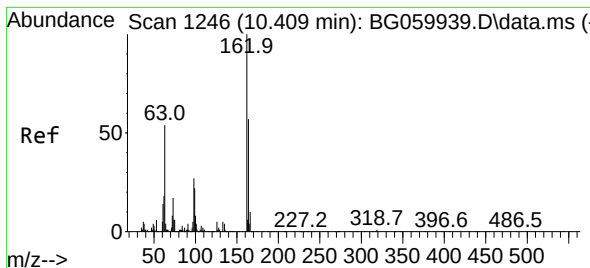


#28
bis(2-Chloroethoxy)methane
Concen: 46.049 ng
RT: 10.171 min Scan# 1205
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



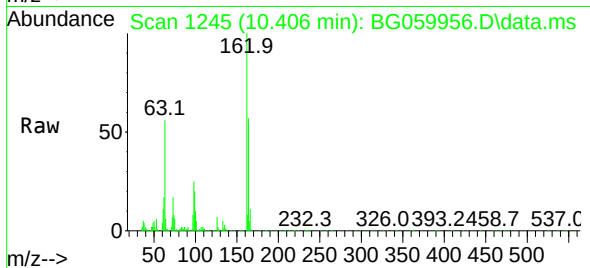
Tgt Ion: 93 Resp: 318959
Ion Ratio Lower Upper
93 100
95 28.5 21.0 31.4
123 8.6 6.7 10.1





#29
2,4-Dichlorophenol
Concen: 52.589 ng
RT: 10.406 min Scan# 1245
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

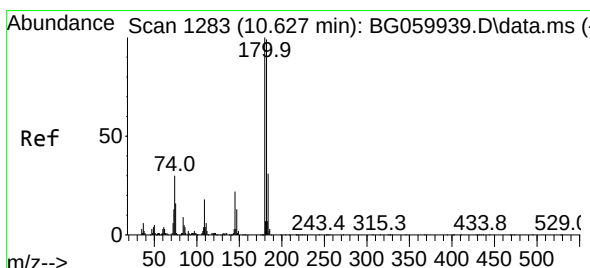
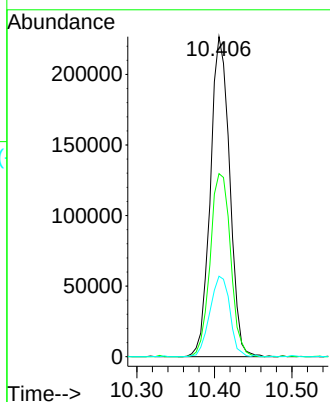
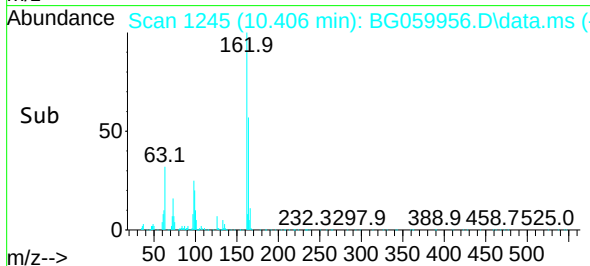
Instrument :
BNA_G
ClientSampleId :
TP-1MS



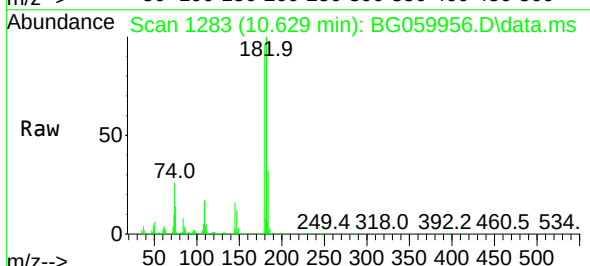
Tgt Ion:162 Resp: 392180
Ion Ratio Lower Upper
162 100
164 57.2 36.7 76.7
98 25.1 7.4 47.4

Manual Integrations
APPROVED

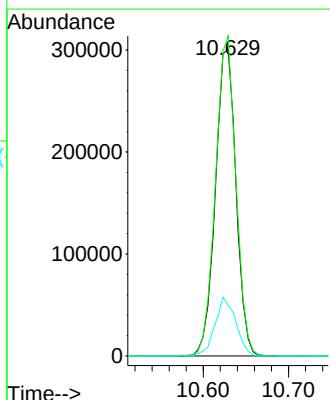
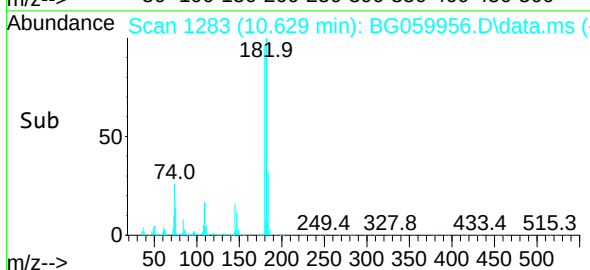
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

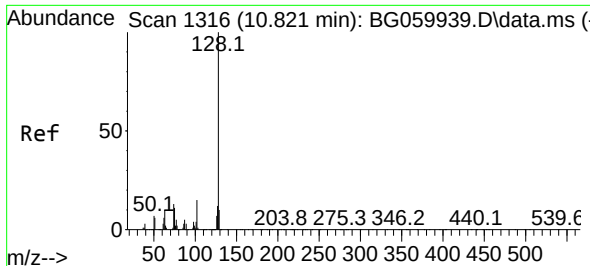


#30
1,2,4-Trichlorobenzene
Concen: 46.610 ng
RT: 10.629 min Scan# 1283
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:180 Resp: 506869
Ion Ratio Lower Upper
180 100
182 104.2 79.0 118.6
145 16.5 17.4 26.0#





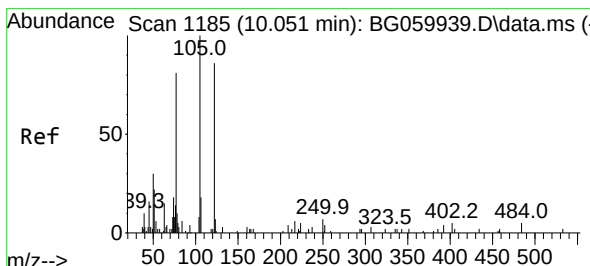
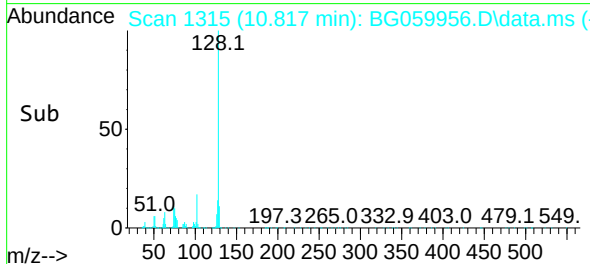
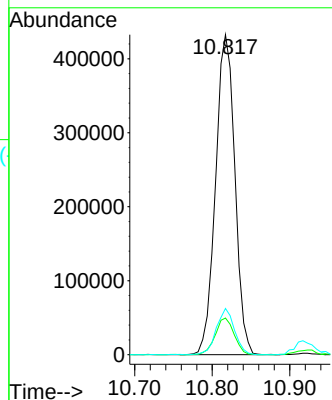
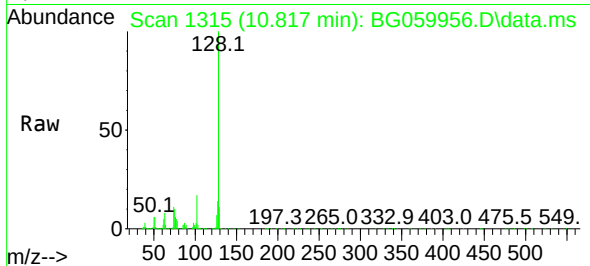
#31
Naphthalene
Concen: 47.570 ng
RT: 10.817 min Scan# 1115
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:128 Resp: 74954
Ion Ratio Lower Upper
128 100
129 11.5 7.6 11.4
127 14.4 9.9 14.9

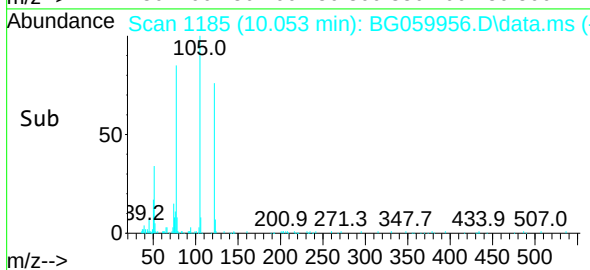
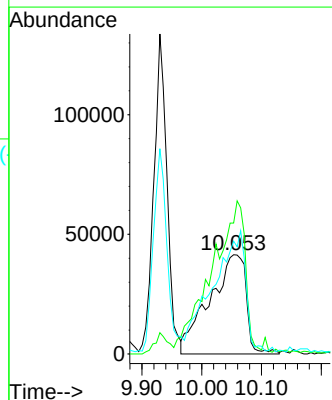
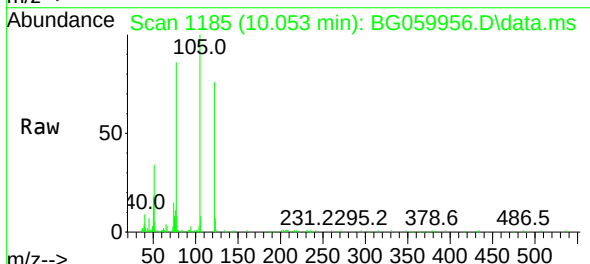
Manual Integrations
APPROVED

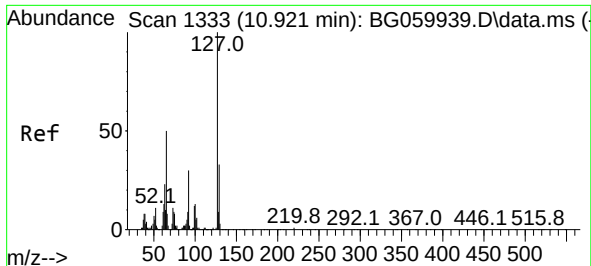
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#32
Benzoic acid
Concen: 49.412 ng m
RT: 10.053 min Scan# 1185
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Tgt Ion:122 Resp: 176479
Ion Ratio Lower Upper
122 100
105 132.0 123.9 163.9
77 113.9 94.6 134.6





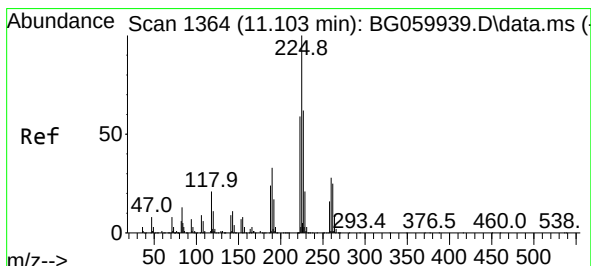
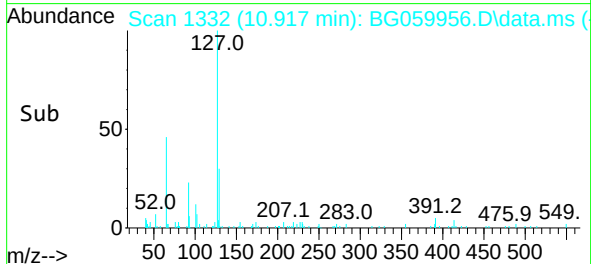
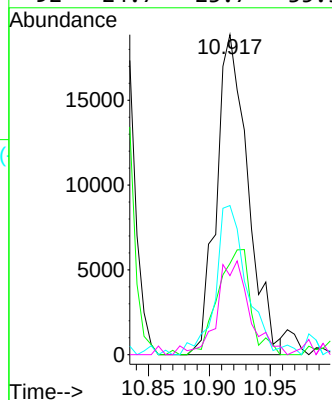
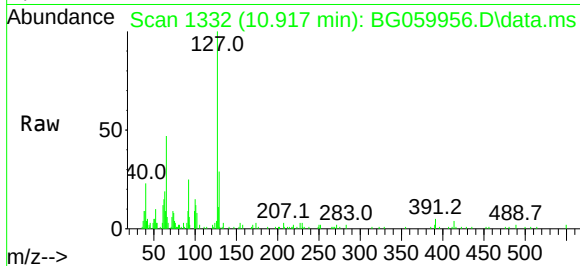
#33
4-Chloroaniline
Concen: 5.528 ng
RT: 10.917 min Scan# 1333
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:127	Resp:	33969
Ion Ratio	Lower	Upper
127	100	
129	28.5	26.6 40.0
65	46.6	40.4 60.6
92	24.7	23.7 35.5

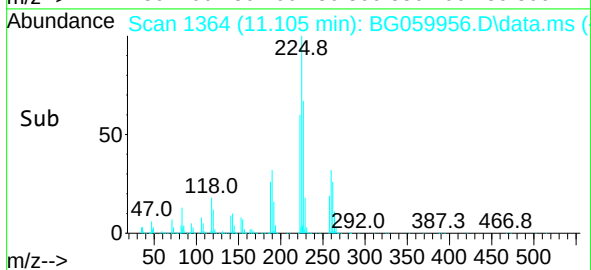
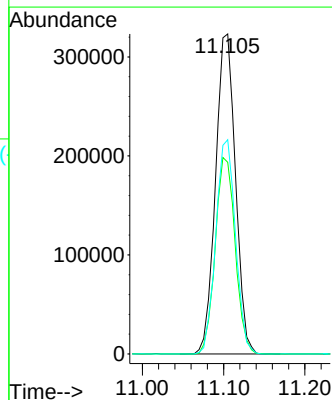
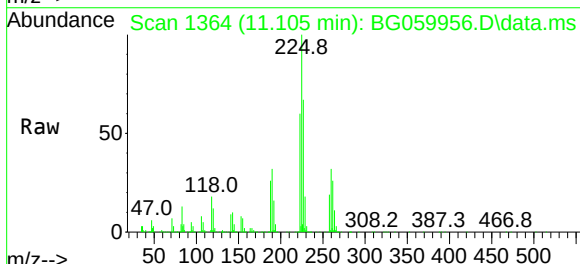
Manual Integrations
APPROVED

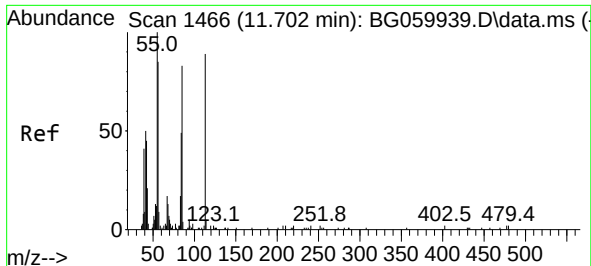
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#34
Hexachlorobutadiene
Concen: 45.174 ng
RT: 11.105 min Scan# 1364
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

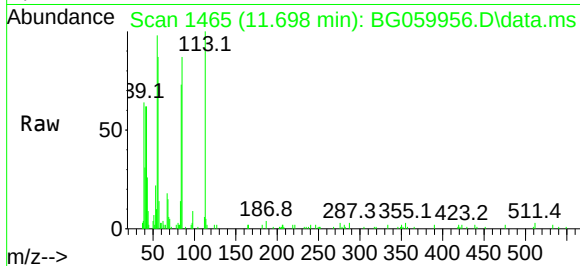
Tgt Ion:225	Resp:	550788
Ion Ratio	Lower	Upper
225	100	
223	57.4	47.0 70.6
227	64.1	50.2 75.4





#35
Caprolactam
Concen: 43.652 ng m
RT: 11.698 min Scan# 1465
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

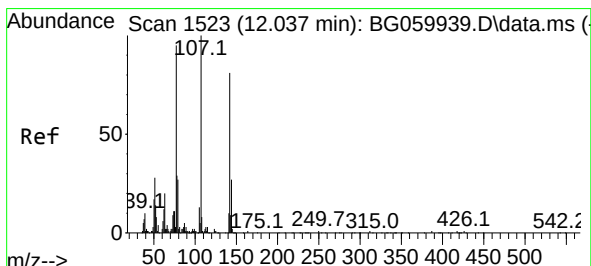
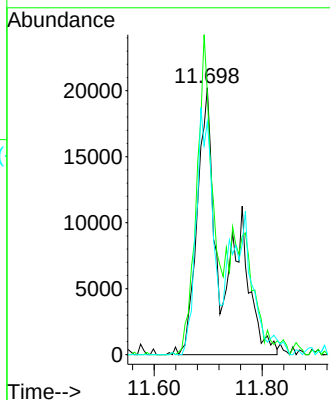
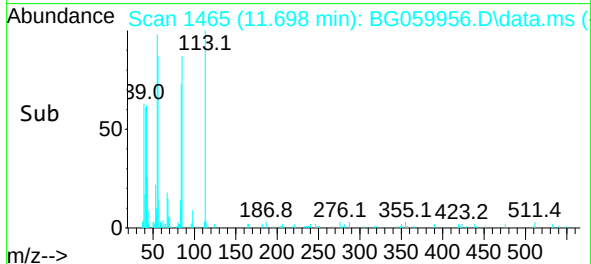
Instrument :
BNA_G
ClientSampleId :
TP-1MS



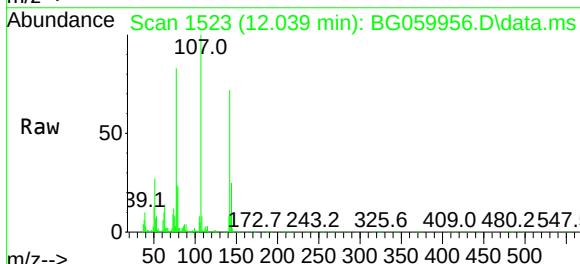
Tgt Ion:113 Resp: 68460
Ion Ratio Lower Upper
113 100
55 98.1 93.5 133.5
56 87.3 74.9 114.9

Manual Integrations
APPROVED

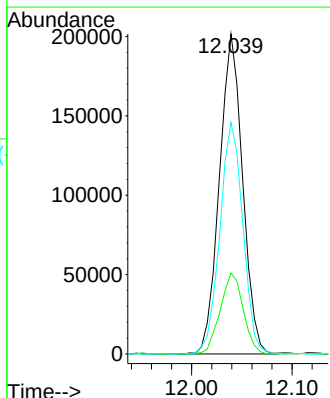
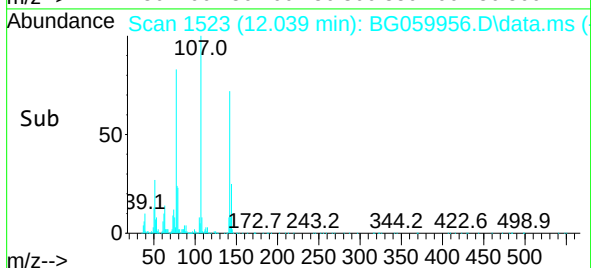
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

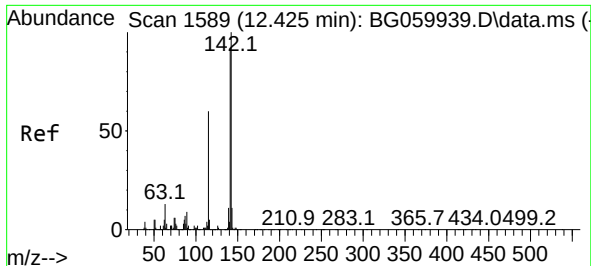


#36
4-Chloro-3-methylphenol
Concen: 52.565 ng
RT: 12.039 min Scan# 1523
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:107 Resp: 322814
Ion Ratio Lower Upper
107 100
144 25.3 21.6 32.4
142 72.3 64.6 97.0





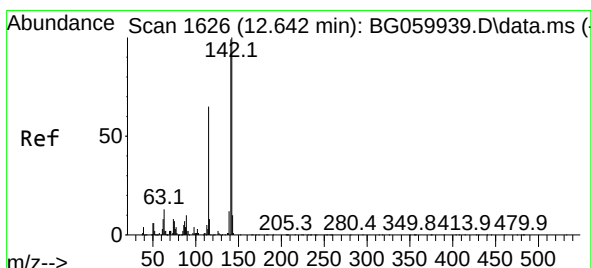
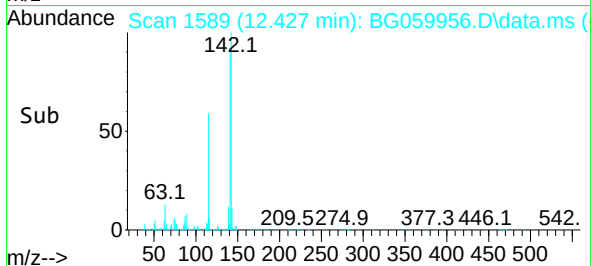
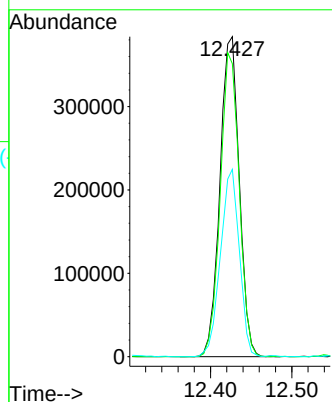
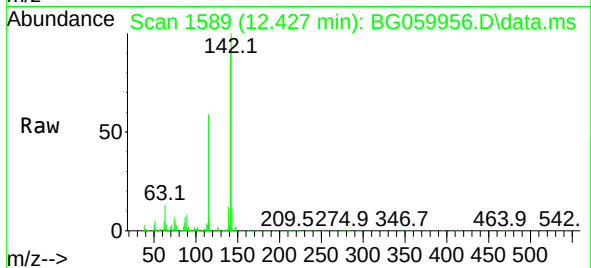
#37
2-Methylnaphthalene
Concen: 47.364 ng
RT: 12.427 min Scan# 1589
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:142 Resp: 63344
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2
115 58.6 48.1 72.1

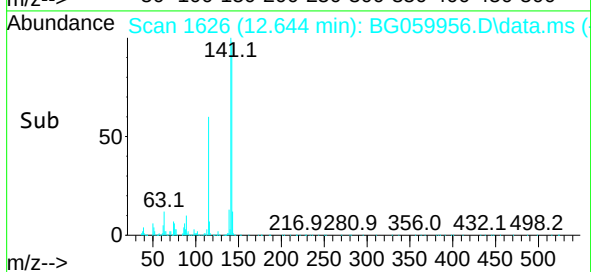
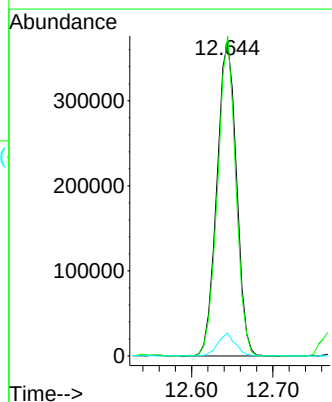
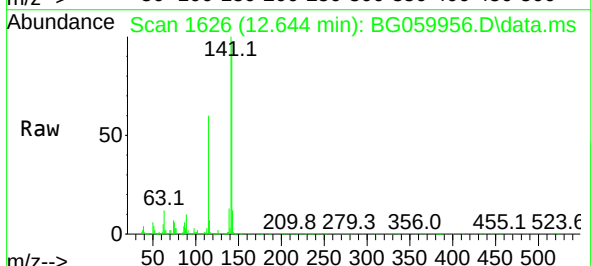
Manual Integrations
APPROVED

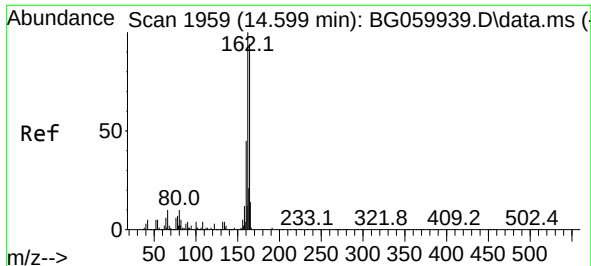
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#38
1-Methylnaphthalene
Concen: 47.380 ng
RT: 12.644 min Scan# 1626
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

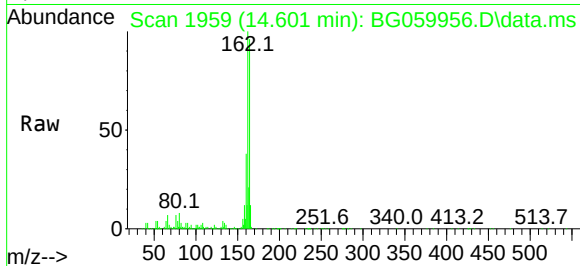
Tgt Ion:142 Resp: 618830
Ion Ratio Lower Upper
142 100
141 102.1 79.4 119.2
116 7.3 6.2 9.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.601 min Scan# 1959
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

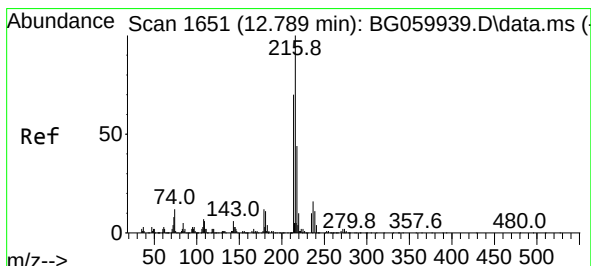
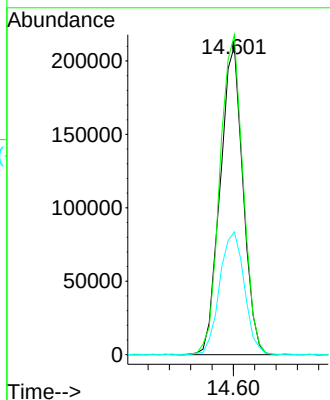
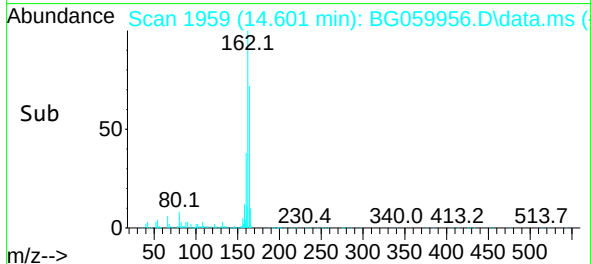
Instrument :
BNA_G
ClientSampleId :
TP-1MS



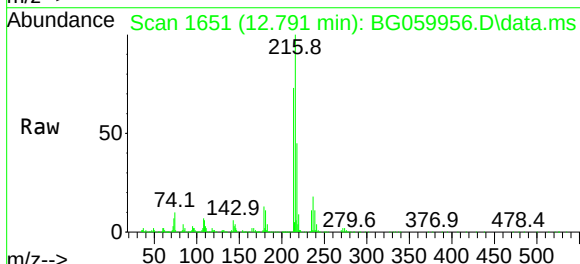
Tgt Ion:164 Resp: 31261
Ion Ratio Lower Upper
164 100
162 103.7 85.0 127.6
160 39.8 38.1 57.1

Manual Integrations
APPROVED

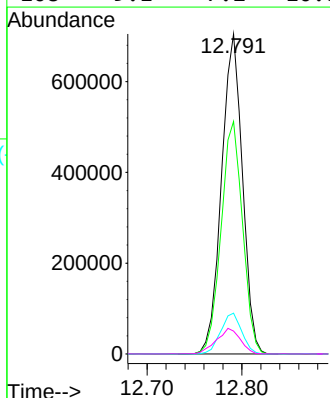
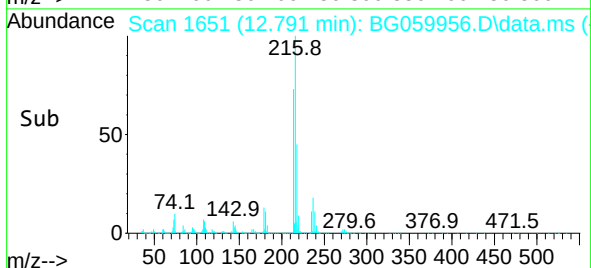
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

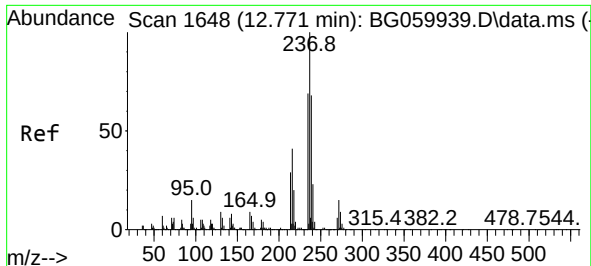


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.306 ng
RT: 12.791 min Scan# 1651
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



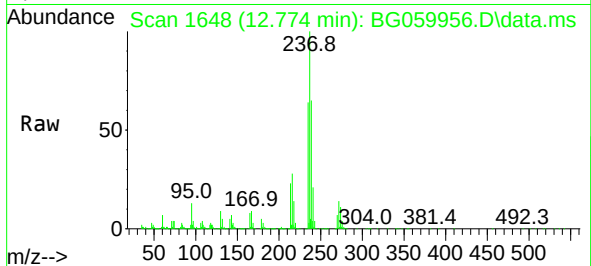
Tgt Ion:216 Resp: 1078043
Ion Ratio Lower Upper
216 100
214 74.6 58.3 87.5
179 12.9 10.2 15.4
108 9.1 7.2 10.8





#41
Hexachlorocyclopentadiene
Concen: 100.567 ng
RT: 12.774 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

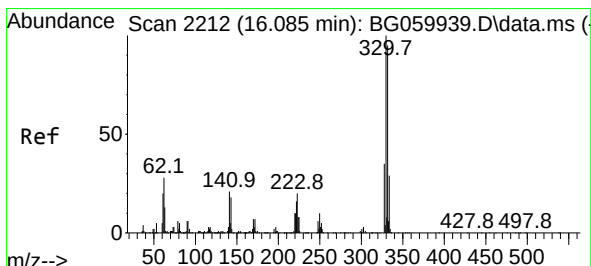
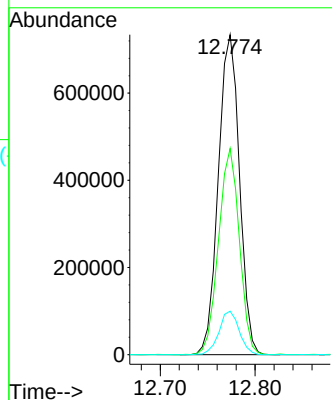
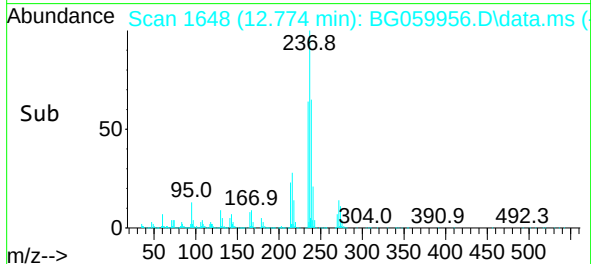
Instrument :
BNA_G
ClientSampleId :
TP-1MS



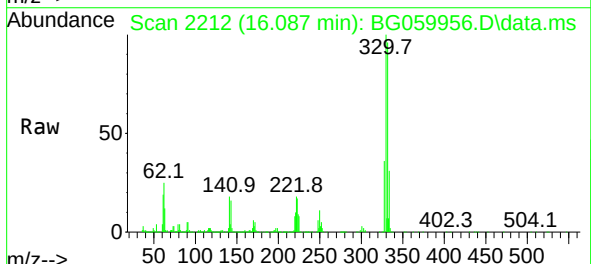
Tgt Ion:237 Resp: 1137229
Ion Ratio Lower Upper
237 100
235 64.5 49.4 89.4
272 13.6 0.0 34.6

Manual Integrations
APPROVED

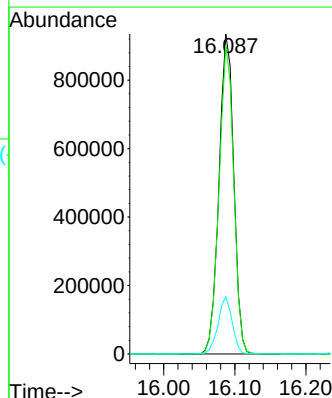
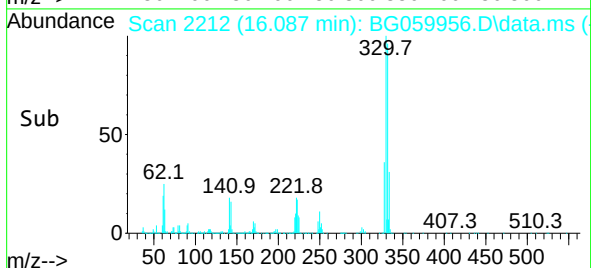
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

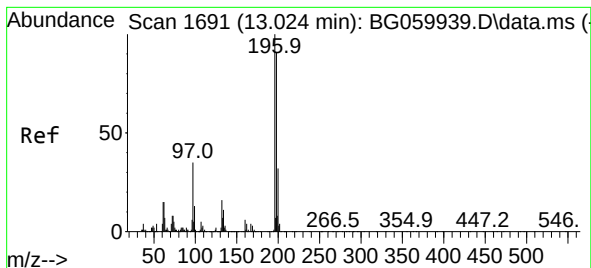


#42
2,4,6-Tribromophenol
Concen: 133.323 ng
RT: 16.087 min Scan# 2212
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:330 Resp: 1340976
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 17.2 15.0 22.6





#43

2,4,6-Trichlorophenol

Concen: 49.068 ng

RT: 13.026 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:196 Resp: 560729

Ion Ratio Lower Upper

196 100

198 90.1 72.6 109.0

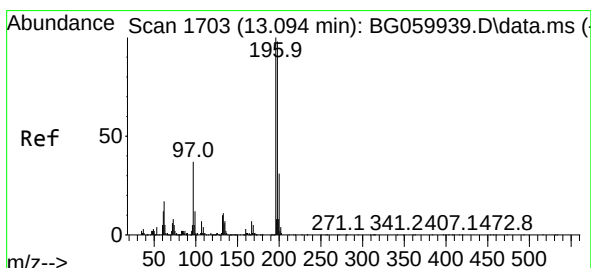
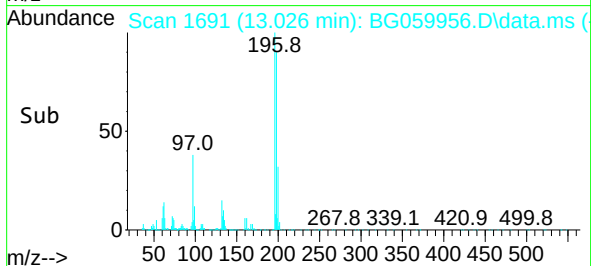
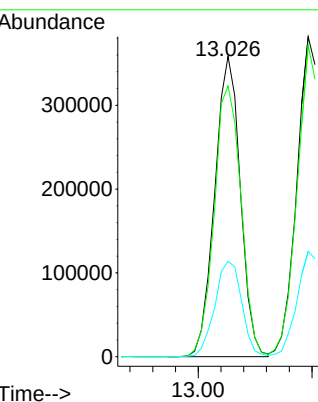
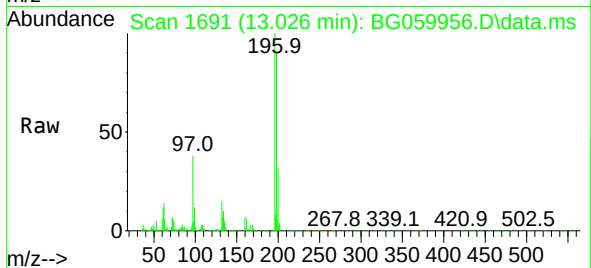
200 31.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#44

2,4,5-Trichlorophenol

Concen: 49.639 ng

RT: 13.097 min Scan# 1703

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Tgt Ion:196 Resp: 623782

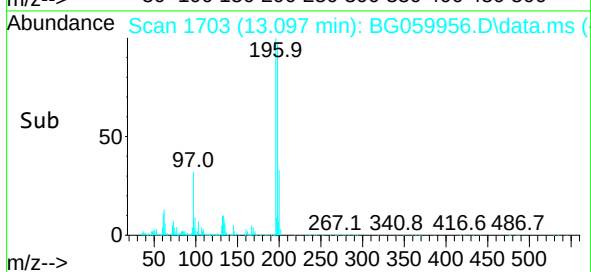
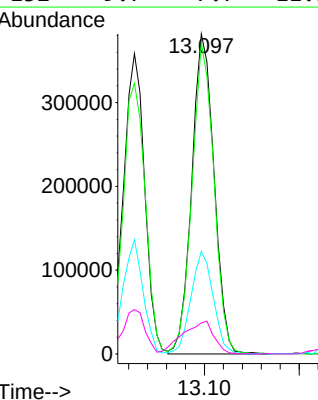
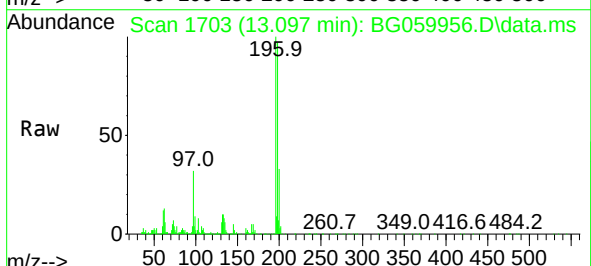
Ion Ratio Lower Upper

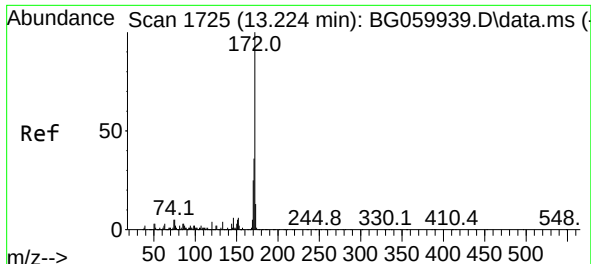
196 100

198 97.4 78.3 117.5

97 32.1 30.2 45.4

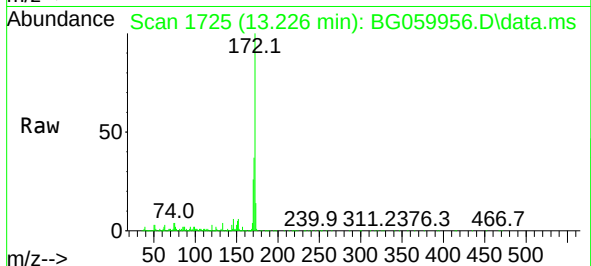
132 9.7 7.7 11.5





#45
2-Fluorobiphenyl
Concen: 87.659 ng
RT: 13.226 min Scan# 1725
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

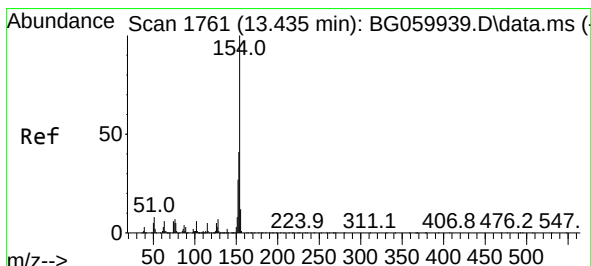
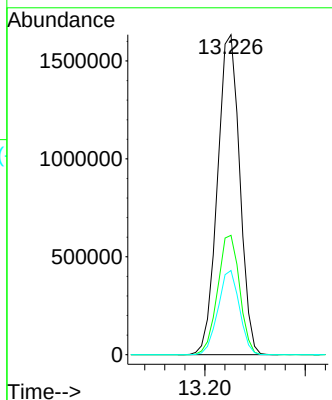
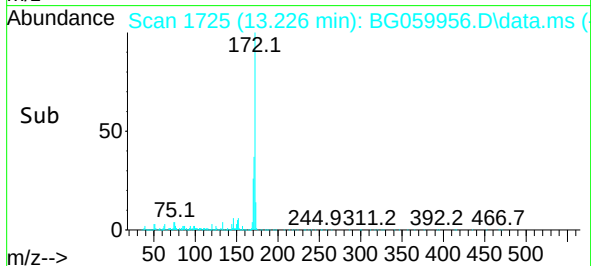
Instrument :
BNA_G
ClientSampleId :
TP-1MS



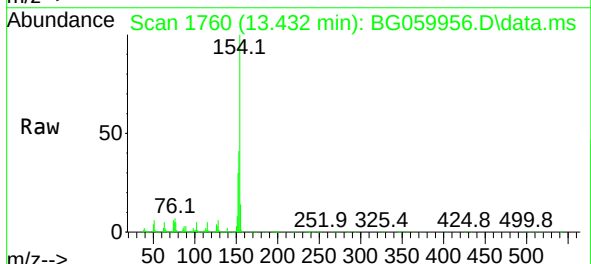
Tgt Ion:172 Resp: 2512490
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 26.3 19.8 29.8

Manual Integrations
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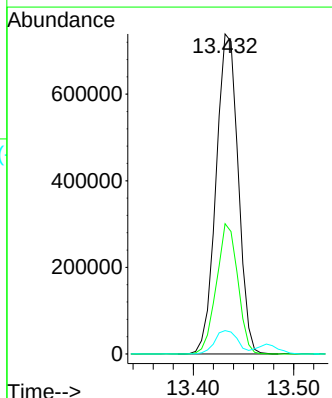
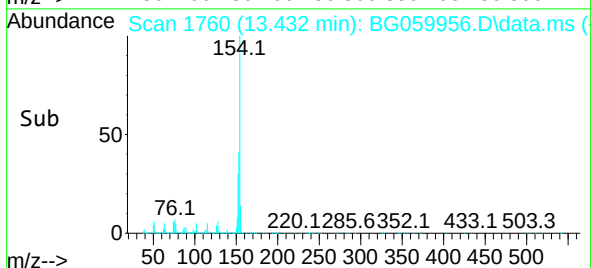
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

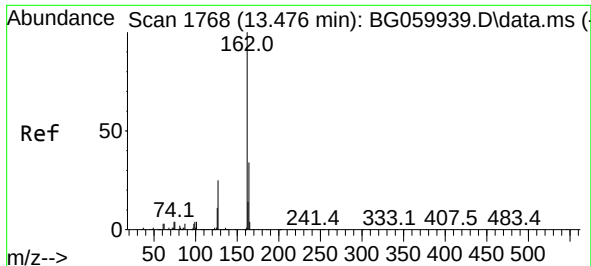


#46
1,1'-Biphenyl
Concen: 49.323 ng
RT: 13.432 min Scan# 1760
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:154 Resp: 1126837
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 7.3 0.0 27.4





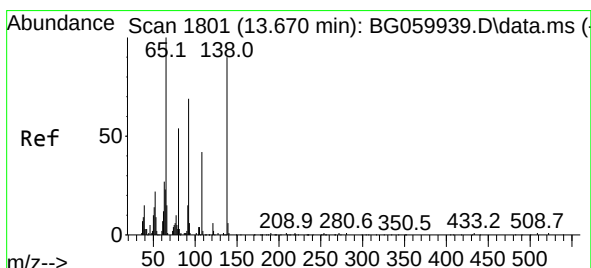
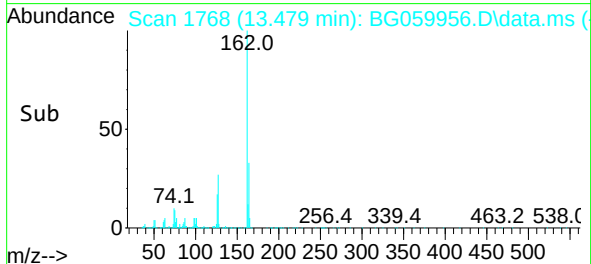
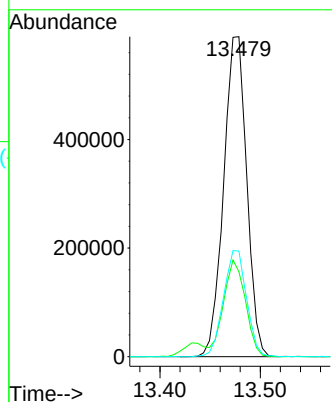
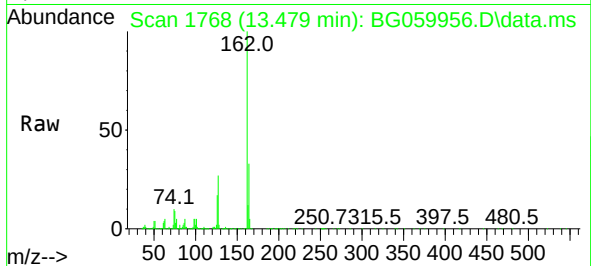
#47
2-Chloronaphthalene
Concen: 46.045 ng
RT: 13.479 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:162 Resp: 941180
Ion Ratio Lower Upper
162 100
127 26.6 22.6 33.8
164 33.0 27.4 41.0

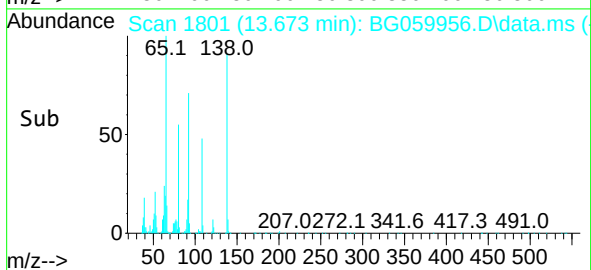
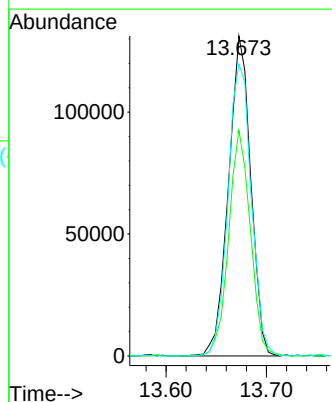
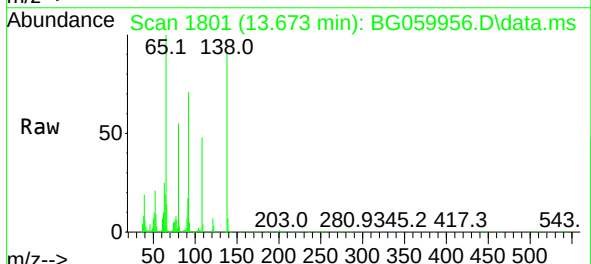
Manual Integrations
APPROVED

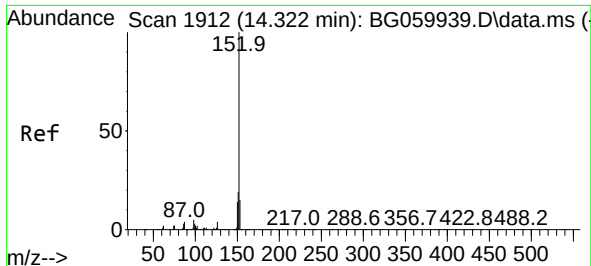
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#48
2-Nitroaniline
Concen: 52.372 ng
RT: 13.673 min Scan# 1801
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Tgt Ion: 65 Resp: 202914
Ion Ratio Lower Upper
65 100
92 70.6 55.4 83.2
138 91.2 71.8 107.6





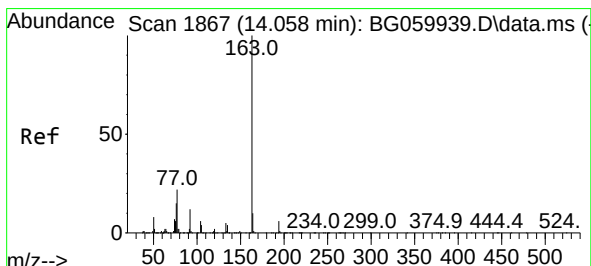
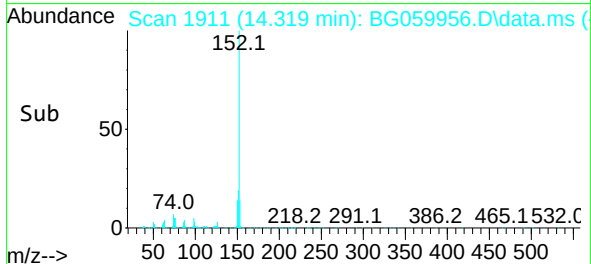
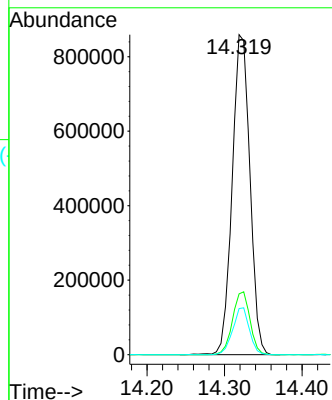
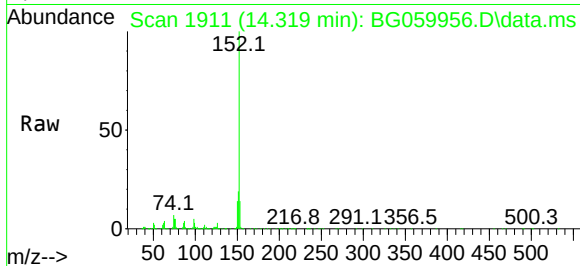
#49
Acenaphthylene
Concen: 49.879 ng
RT: 14.319 min Scan# 1911
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:152 Resp: 1364512
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9
153 14.4 11.7 17.5

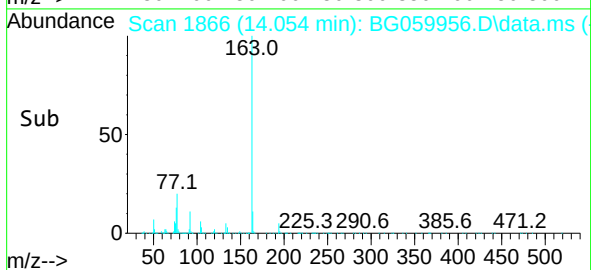
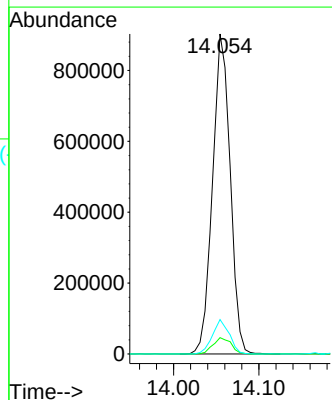
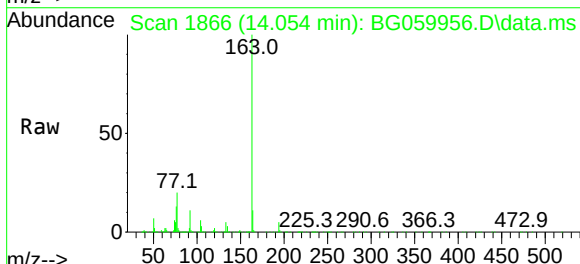
Manual Integrations
APPROVED

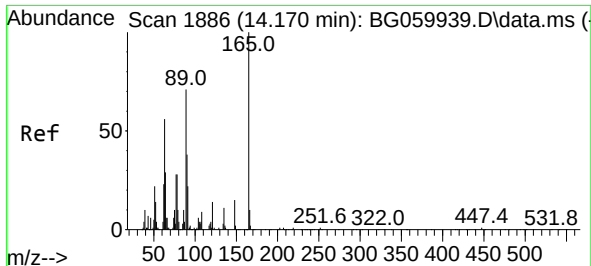
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#50
Dimethylphthalate
Concen: 48.754 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

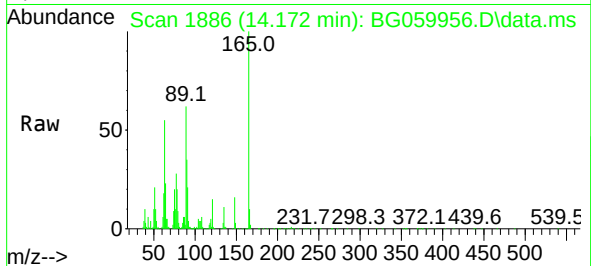
Tgt Ion:163 Resp: 1297454
Ion Ratio Lower Upper
163 100
194 5.1 4.6 7.0
164 10.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.618 ng
RT: 14.172 min Scan# 1886
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

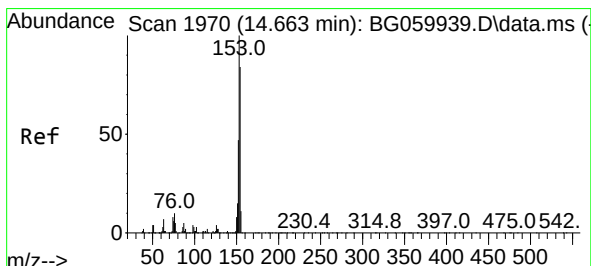
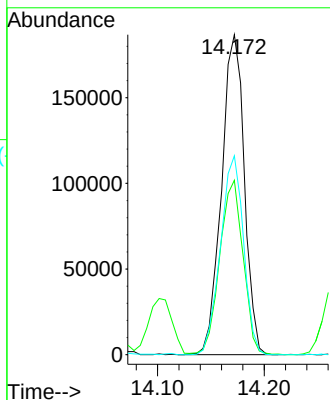
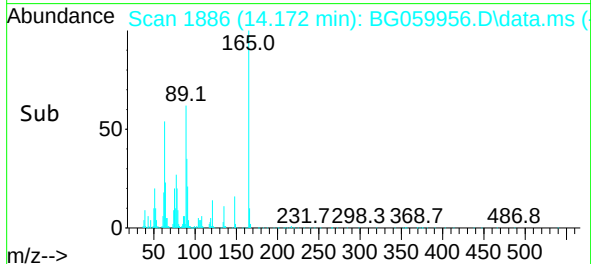
Instrument :
BNA_G
ClientSampleId :
TP-1MS



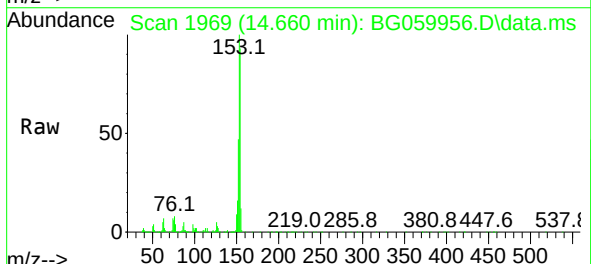
Tgt Ion:165 Resp: 277639
Ion Ratio Lower Upper
165 100
63 54.5 47.2 70.8
89 62.2 57.1 85.7

Manual Integrations
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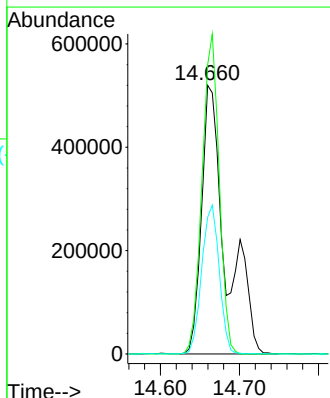
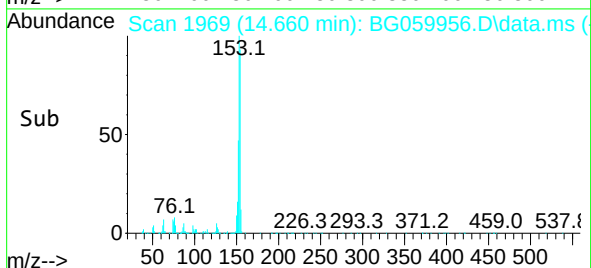
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

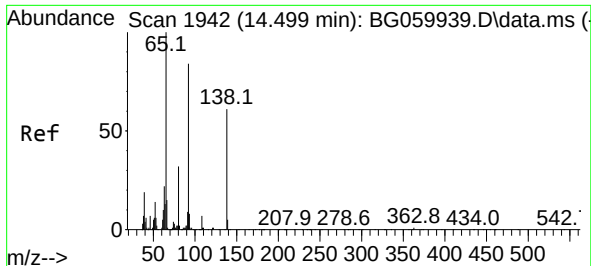


#52
Acenaphthene
Concen: 56.456 ng m
RT: 14.660 min Scan# 1969
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:154 Resp: 1114697
Ion Ratio Lower Upper
154 100
153 107.6 95.8 143.6
152 50.9 45.0 67.4





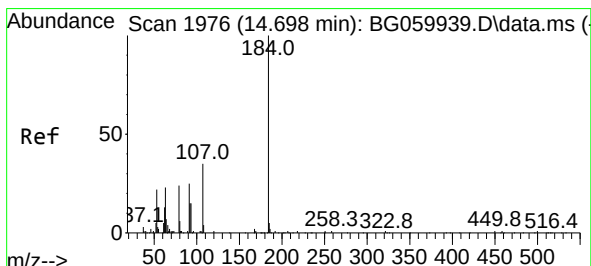
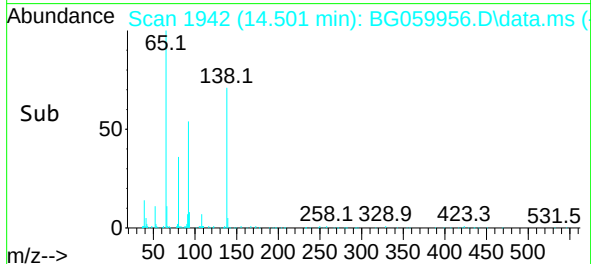
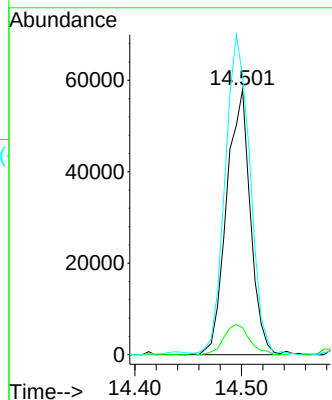
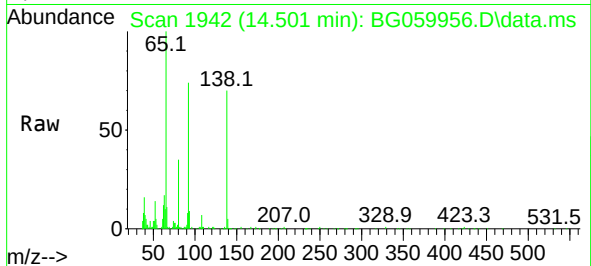
#53
3-Nitroaniline
Concen: 24.787 ng
RT: 14.501 min Scan# 1942
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:138 Resp: 89658
Ion Ratio Lower Upper
138 100
108 10.1 9.6 14.4
92 105.2 109.8 164.6

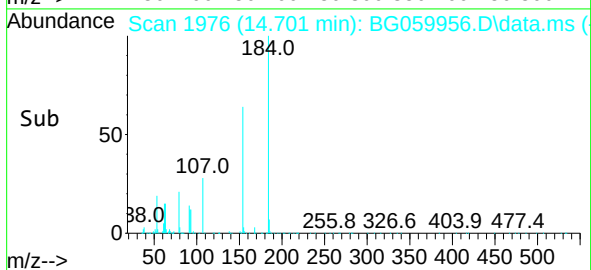
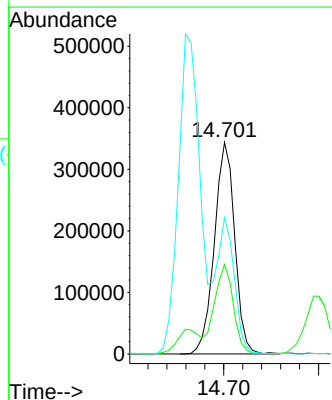
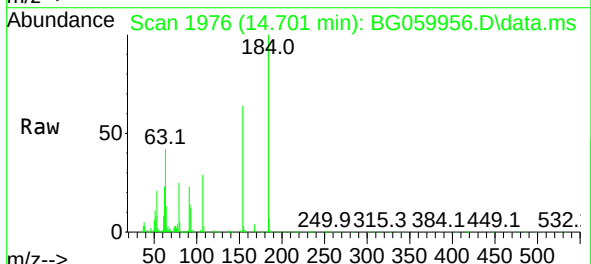
Manual Integrations
APPROVED

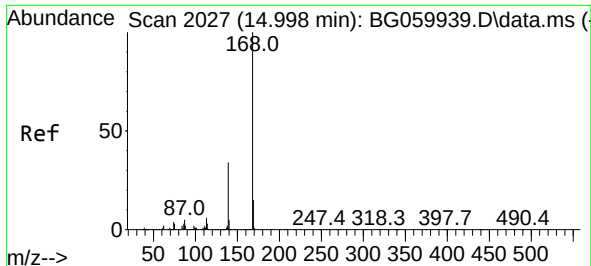
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#54
2,4-Dinitrophenol
Concen: 100.860 ng
RT: 14.701 min Scan# 1976
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

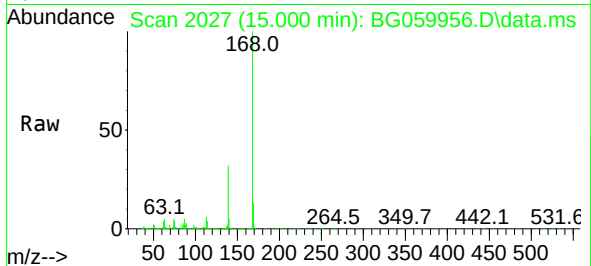
Tgt Ion:184 Resp: 512919
Ion Ratio Lower Upper
184 100
63 42.3 38.2 57.4
154 64.4 52.6 78.8





#55
Dibenzenofuran
Concen: 48.557 ng
RT: 15.000 min Scan# 2027
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

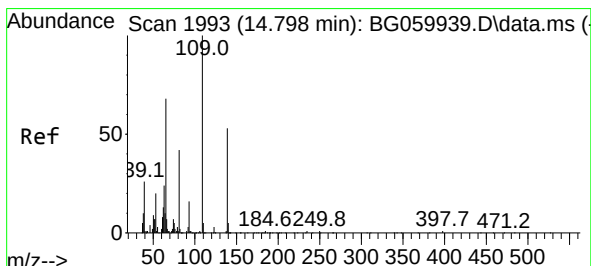
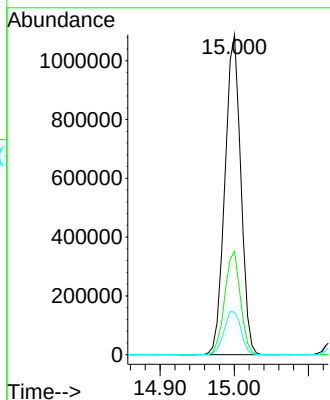
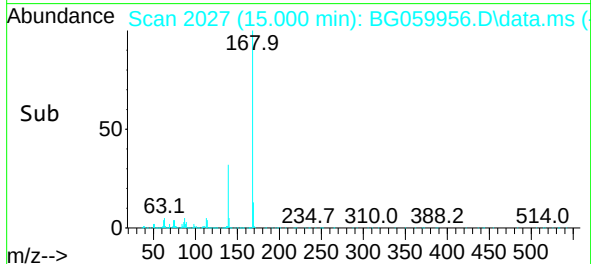
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:168 Resp: 1617129
Ion Ratio Lower Upper
168 100
139 32.3 27.0 40.6
169 13.3 11.6 17.4

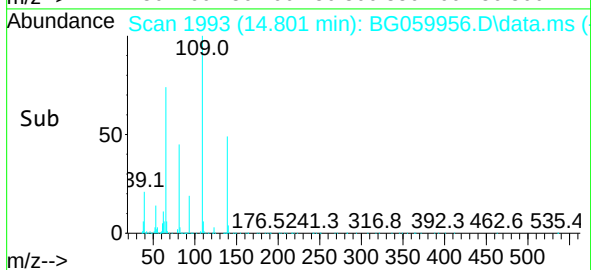
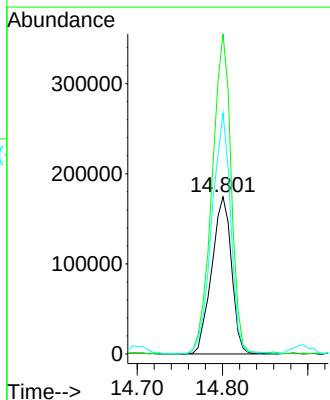
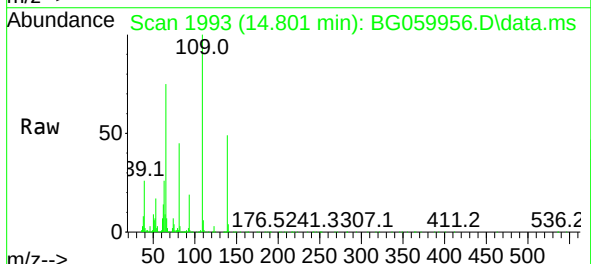
Manual Integrations
APPROVED

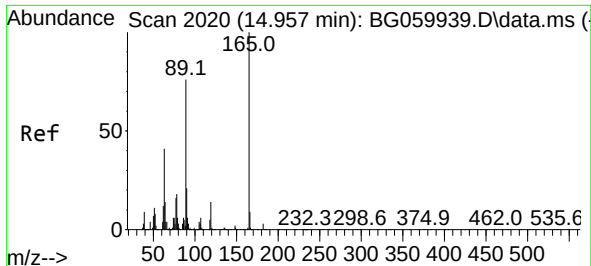
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#56
4-Nitrophenol
Concen: 89.699 ng
RT: 14.801 min Scan# 1993
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

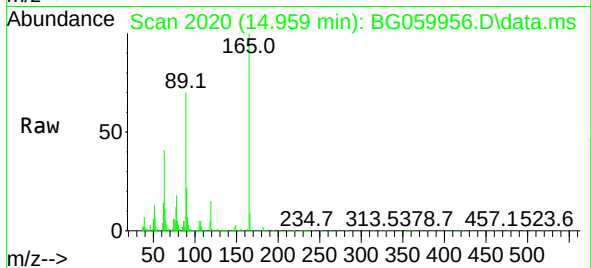
Tgt Ion:139 Resp: 281579
Ion Ratio Lower Upper
139 100
109 203.6 167.9 207.9
65 153.2 108.1 148.1#





#57
2,4-Dinitrotoluene
Concen: 46.592 ng
RT: 14.959 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

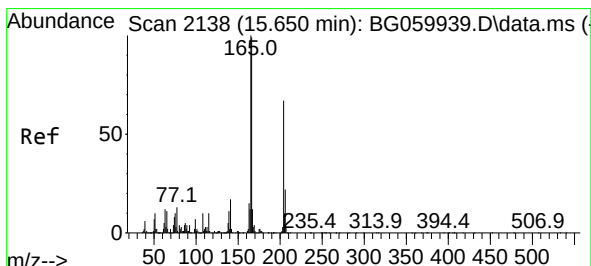
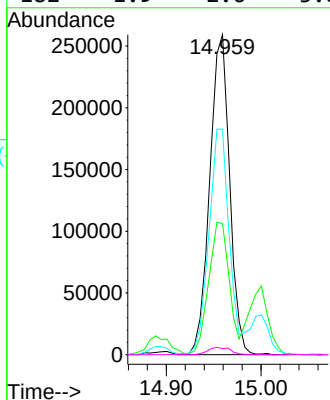
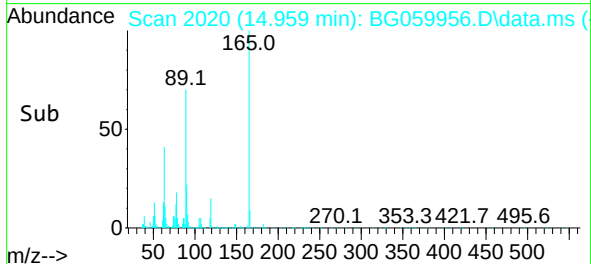
Instrument :
BNA_G
ClientSampleId :
TP-1MS



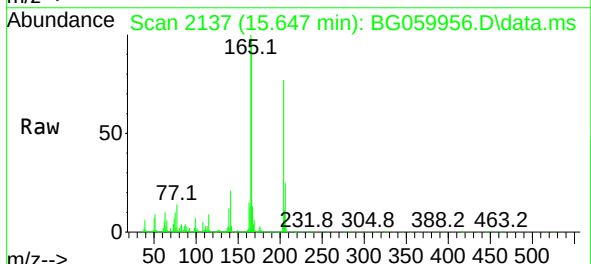
Tgt Ion:165 Resp: 377820
Ion Ratio Lower Upper
165 100
63 41.0 32.8 49.2
89 70.4 60.6 90.8
182 1.9 2.6 3.8#

Manual Integrations
APPROVED

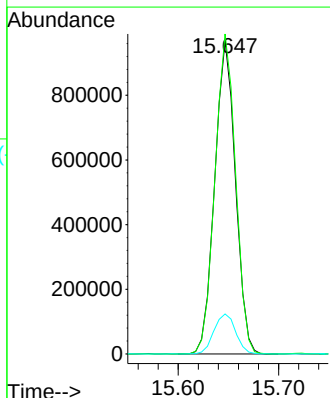
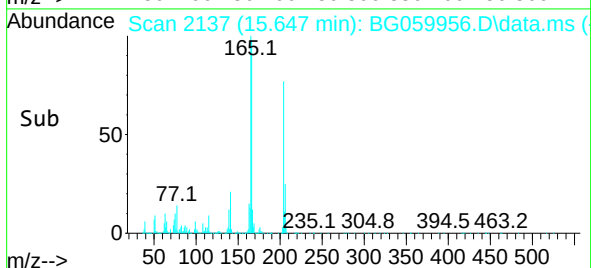
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

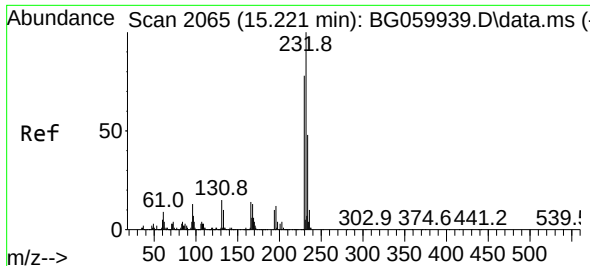


#58
Fluorene
Concen: 48.922 ng
RT: 15.647 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



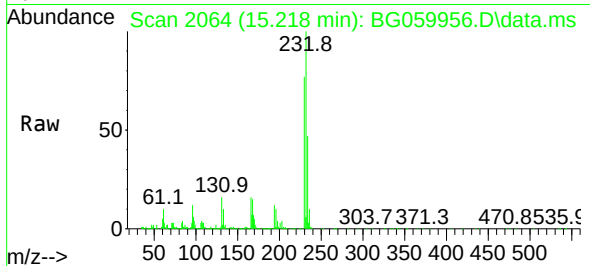
Tgt Ion:166 Resp: 1386490
Ion Ratio Lower Upper
166 100
165 102.2 80.6 121.0
167 12.8 9.9 14.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.796 ng
RT: 15.218 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

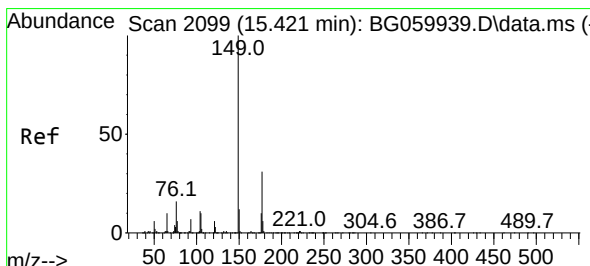
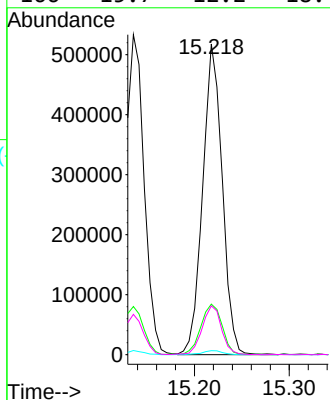
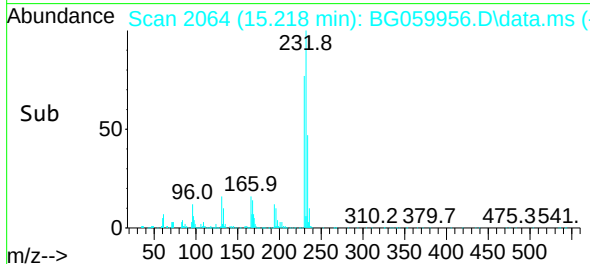
Instrument :
BNA_G
ClientSampleId :
TP-1MS



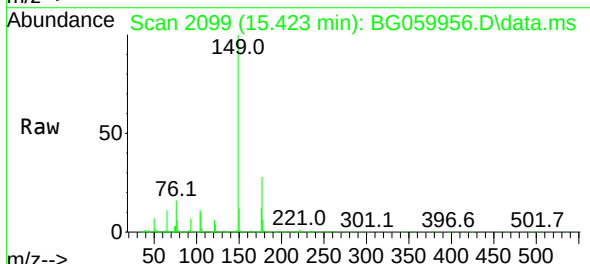
Tgt Ion:232 Resp: 744400
Ion Ratio Lower Upper
232 100
131 17.6 14.8 22.2
130 1.3 1.2 1.8
166 15.7 12.2 18.4

Manual Integrations
APPROVED

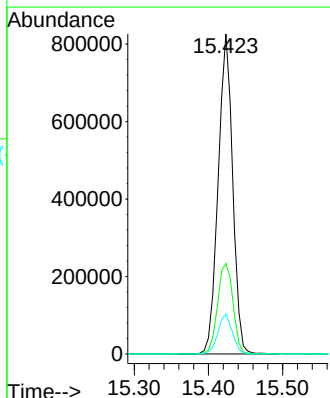
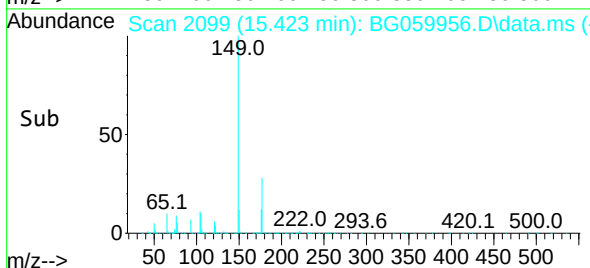
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

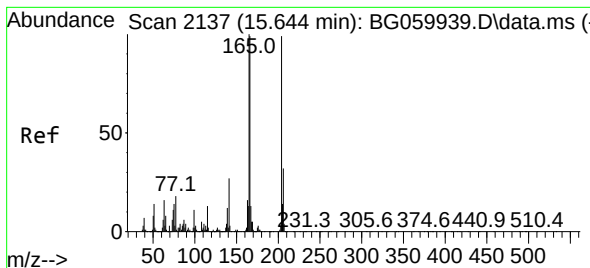


#60
Diethylphthalate
Concen: 47.322 ng
RT: 15.423 min Scan# 2099
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



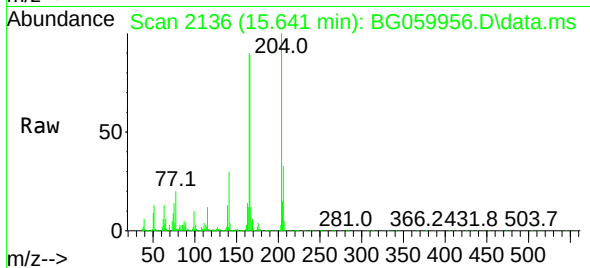
Tgt Ion:149 Resp: 1121654
Ion Ratio Lower Upper
149 100
177 28.3 24.6 37.0
150 12.5 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 47.444 ng
RT: 15.641 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

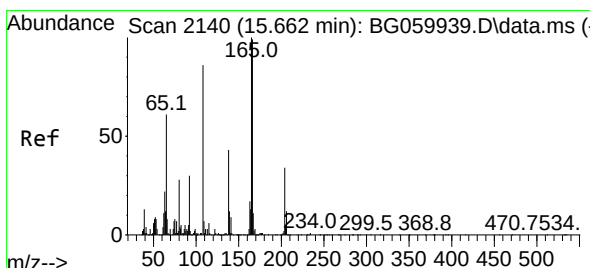
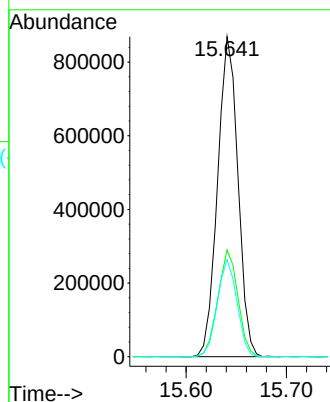
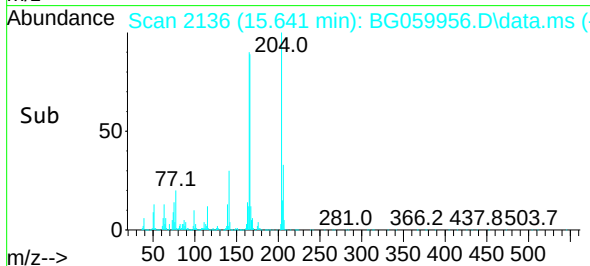
Instrument :
BNA_G
ClientSampleId :
TP-1MS



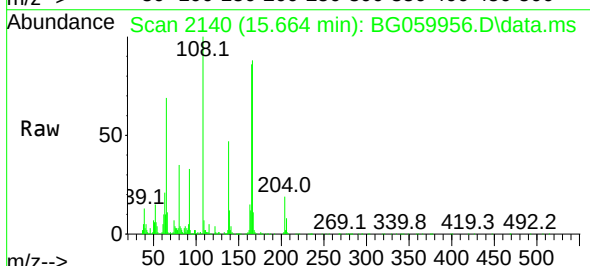
Tgt Ion:204 Resp: 1219750
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 30.4 21.4 32.2

Manual Integrations
APPROVED

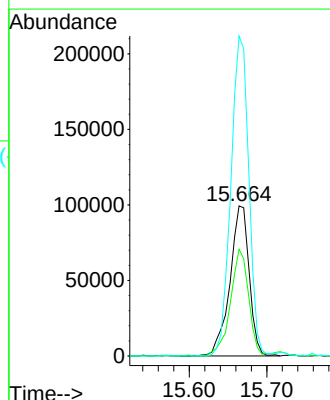
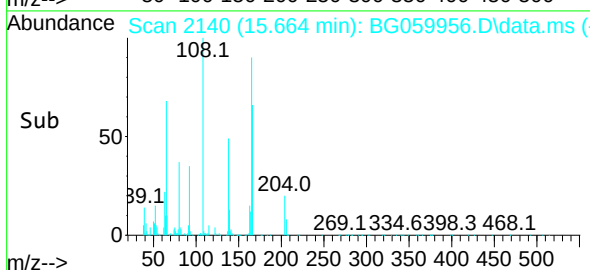
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

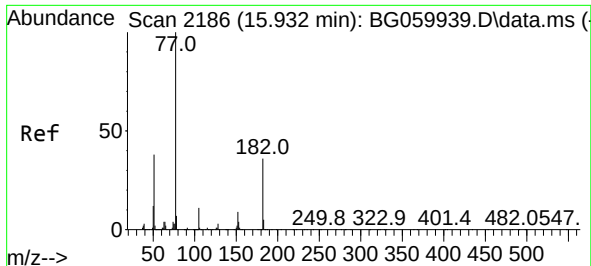


#62
4-Nitroaniline
Concen: 41.383 ng
RT: 15.664 min Scan# 2140
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



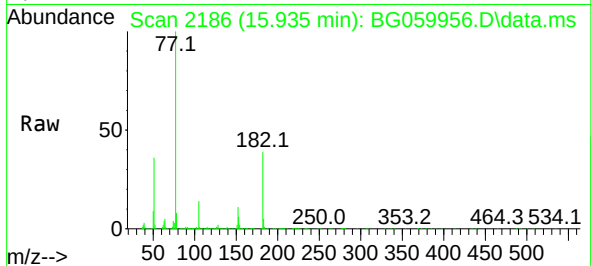
Tgt Ion:138 Resp: 172298
Ion Ratio Lower Upper
138 100
92 71.1 50.8 90.8
108 213.2 181.0 221.0





#63
Azobenzene
Concen: 43.392 ng
RT: 15.935 min Scan# 2186
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

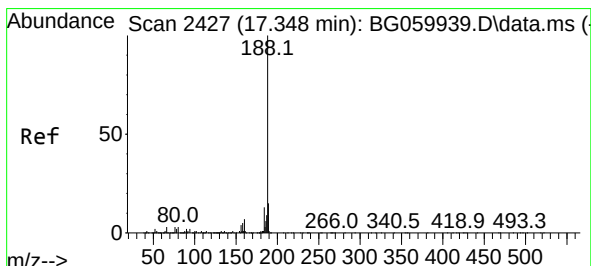
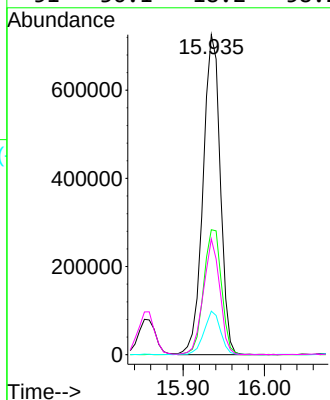
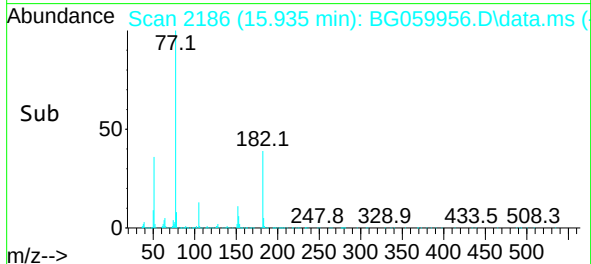
Instrument :
BNA_G
ClientSampleId :
TP-1MS



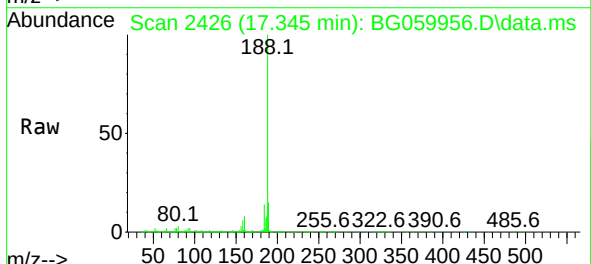
Tgt Ion: 77 Resp: 1066990
Ion Ratio Lower Upper
77 100
182 39.1 15.7 55.7
105 13.6 0.0 31.5
51 36.1 18.2 58.2

Manual Integrations
APPROVED

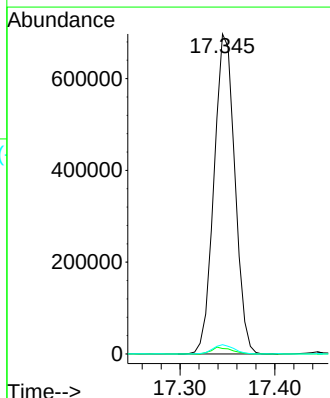
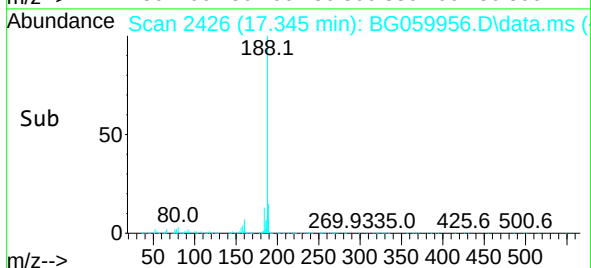
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

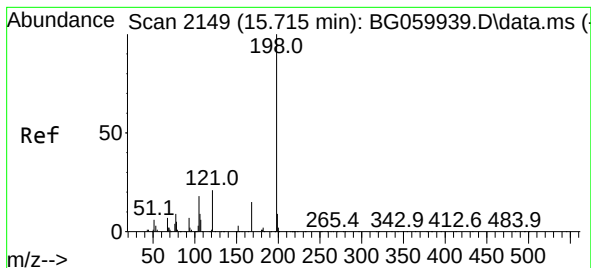


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:188 Resp: 1064821
Ion Ratio Lower Upper
188 100
94 1.7 1.8 2.6#
80 2.9 2.2 3.4





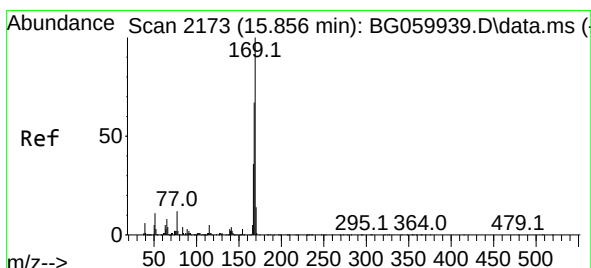
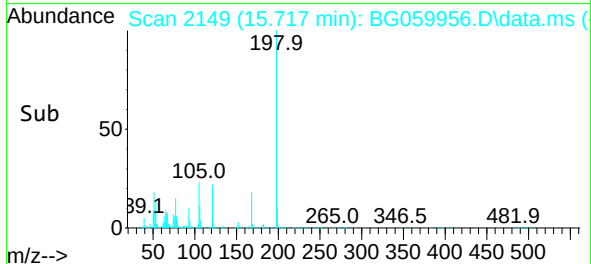
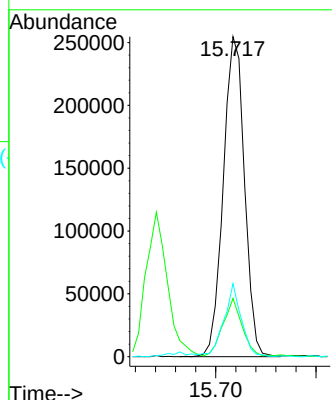
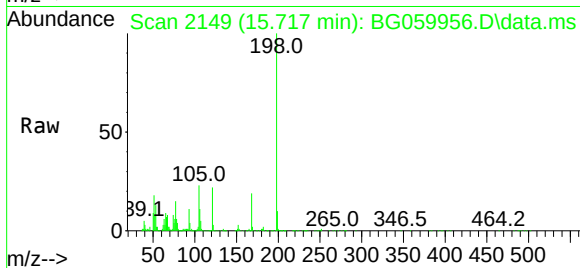
#65
4,6-Dinitro-2-methylphenol
Concen: 45.757 ng
RT: 15.717 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:198 Resp: 372508
Ion Ratio Lower Upper
198 100
51 18.2 0.0 34.4
105 22.8 0.0 39.0

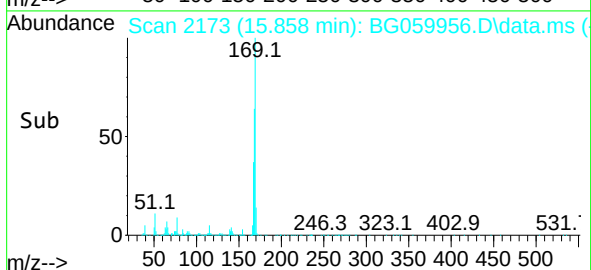
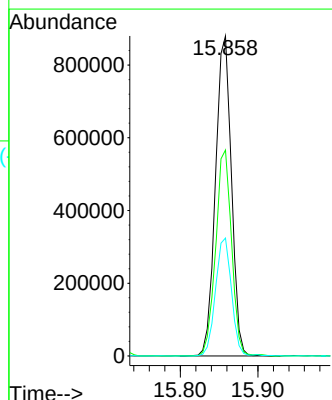
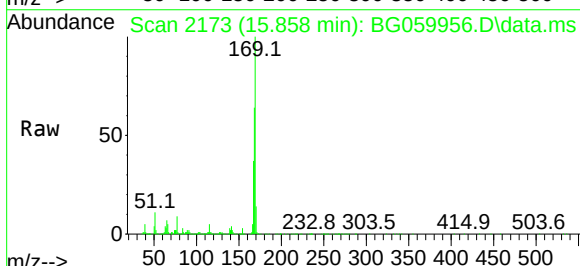
Manual Integrations
APPROVED

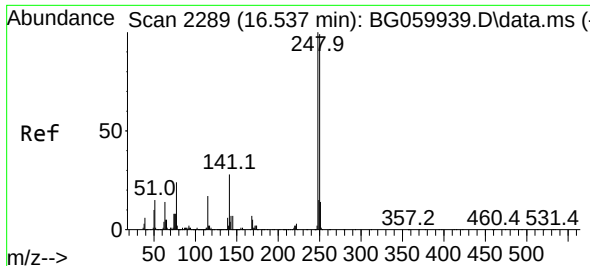
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#66
n-Nitrosodiphenylamine
Concen: 51.407 ng
RT: 15.858 min Scan# 2173
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Tgt Ion:169 Resp: 1253887
Ion Ratio Lower Upper
169 100
168 64.4 53.5 80.3
167 36.9 29.2 43.8





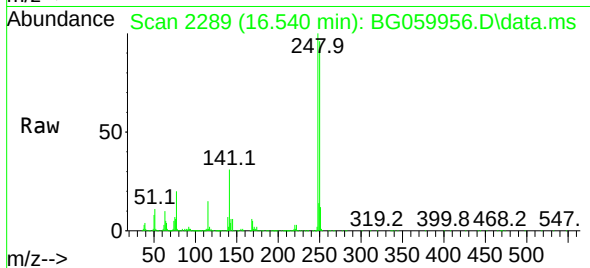
#67
4-Bromophenyl-phenylether
Concen: 49.209 ng
RT: 16.540 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

TP-IMS

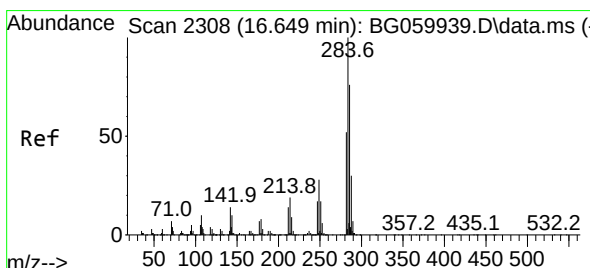
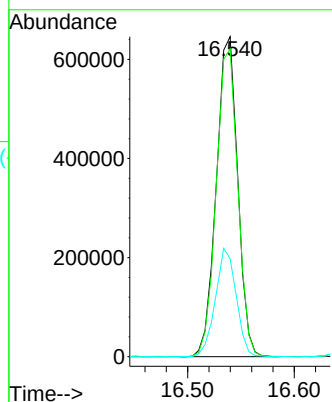
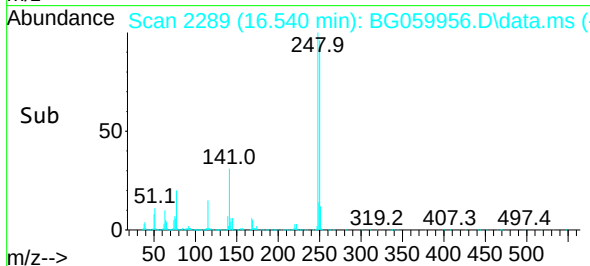


Tgt Ion:248 Resp: 897722
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.4
141 30.6 22.3 33.5

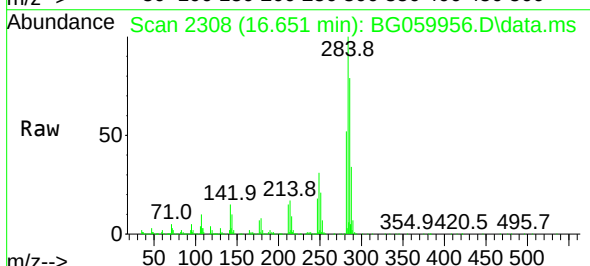
Manual Integrations

APPROVED

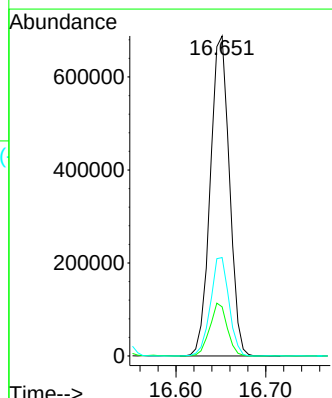
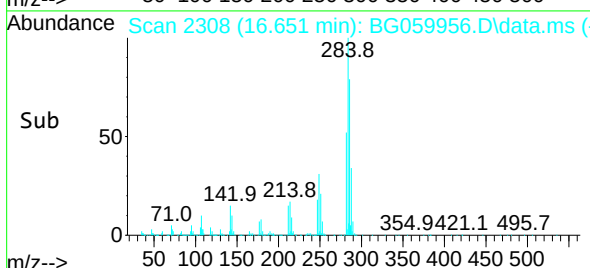
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

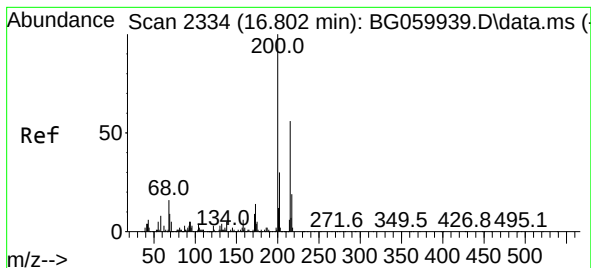


#68
Hexachlorobenzene
Concen: 50.104 ng
RT: 16.651 min Scan# 2308
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:284 Resp: 1015614
Ion Ratio Lower Upper
284 100
142 15.3 11.4 17.0
249 30.7 24.2 36.2





#69

Atrazine

Concen: 59.067 ng

RT: 16.804 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:200 Resp: 710870

Ion Ratio Lower Upper

200 100

173 16.5 0.0 34.0

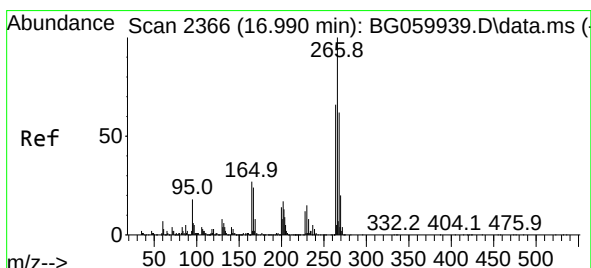
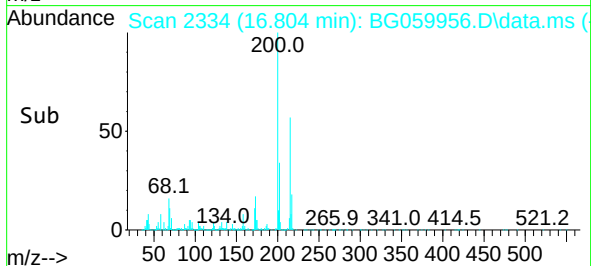
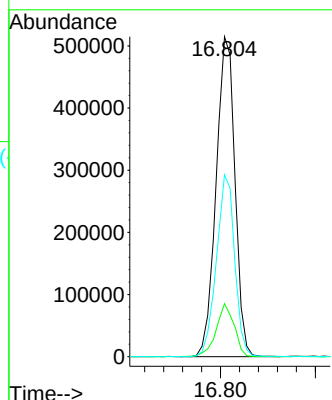
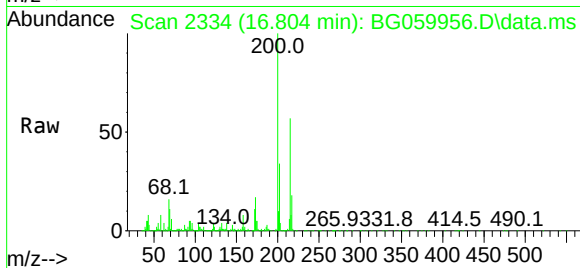
215 56.9 36.5 76.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#70

Pentachlorophenol

Concen: 95.093 ng

RT: 16.992 min Scan# 2366

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

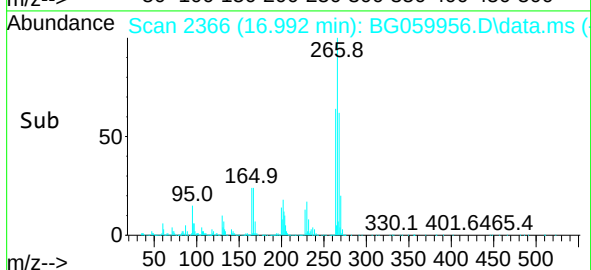
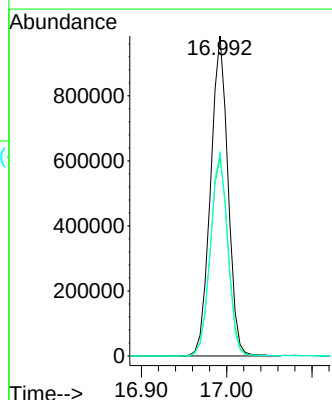
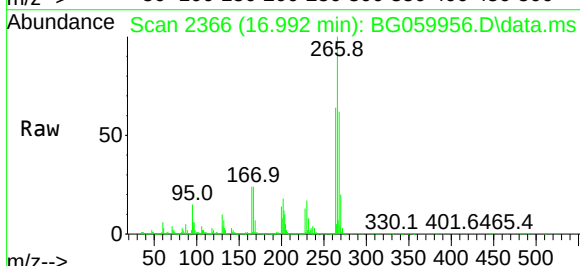
Tgt Ion:266 Resp: 1396774

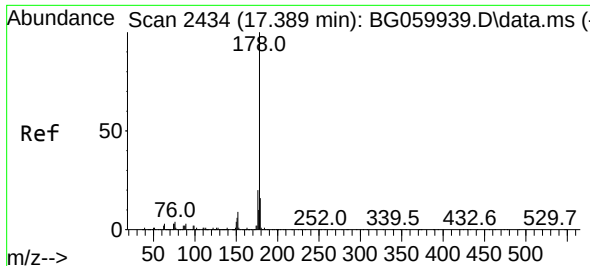
Ion Ratio Lower Upper

266 100

268 62.0 49.3 73.9

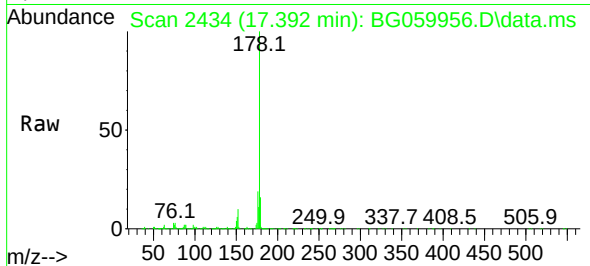
264 63.5 53.2 79.8





#71
Phenanthrene
Concen: 50.073 ng
RT: 17.392 min Scan# 2449
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

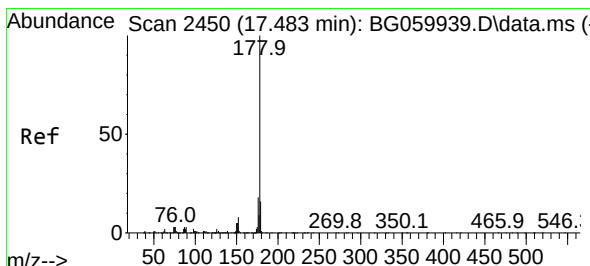
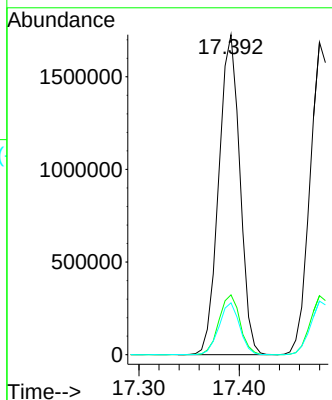
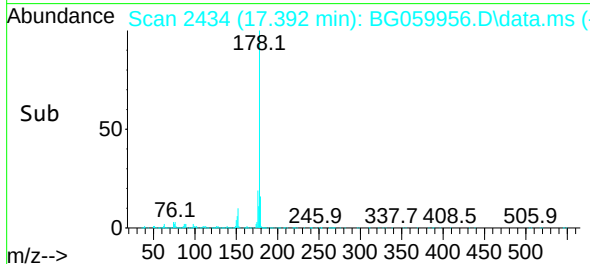
Instrument :
BNA_G
ClientSampleId :
TP-1MS



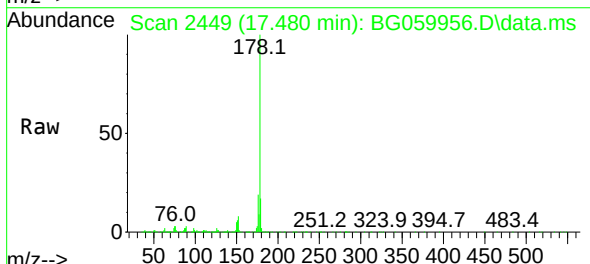
Tgt Ion:178 Resp: 251769
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 16.2 12.6 19.0

Manual Integrations
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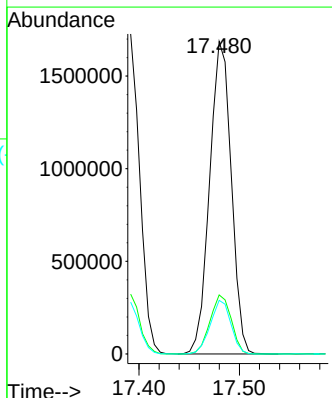
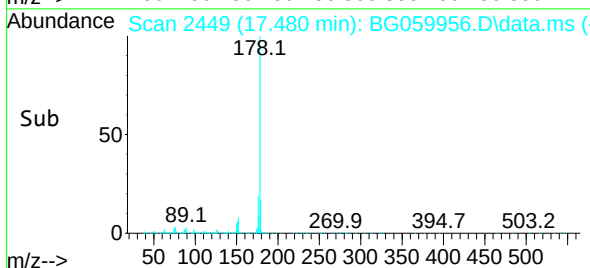
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

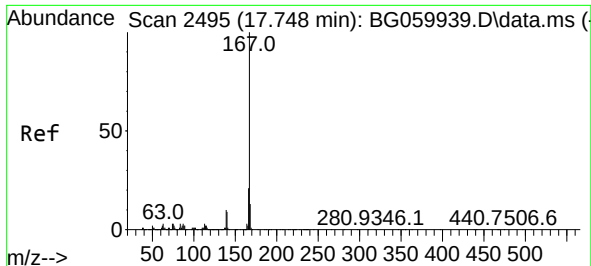


#72
Anthracene
Concen: 49.102 ng
RT: 17.480 min Scan# 2449
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



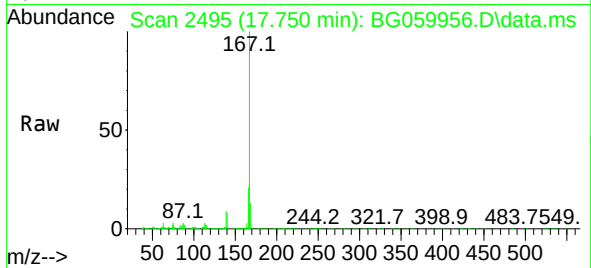
Tgt Ion:178 Resp: 2523546
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 17.1 13.2 19.8





#73
 Carbazole
 Concen: 49.035 ng
 RT: 17.750 min Scan# 2495
 Delta R.T. 0.002 min
 Lab File: BG059956.D
 Acq: 5 Dec 2023 19:29

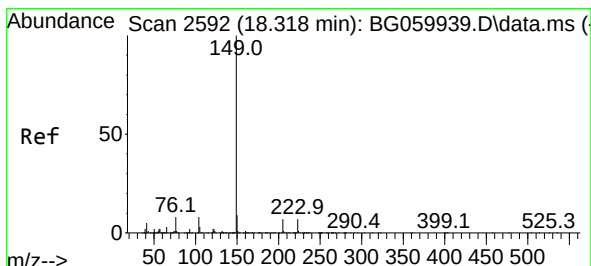
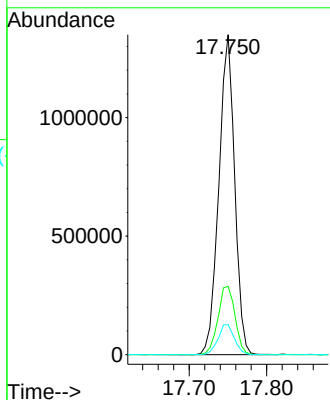
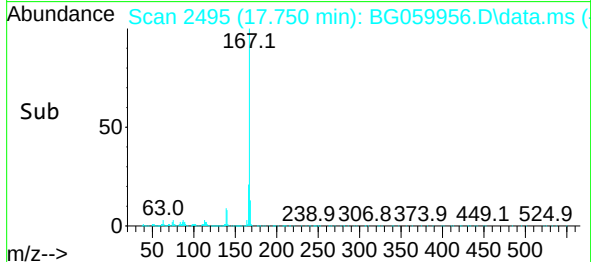
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS



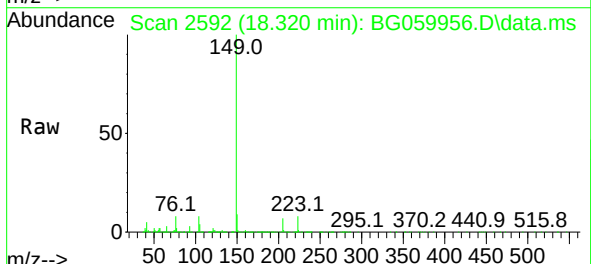
Tgt Ion:167 Resp: 191536
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.7 25.1
 139 9.4 8.0 12.0

Manual Integrations
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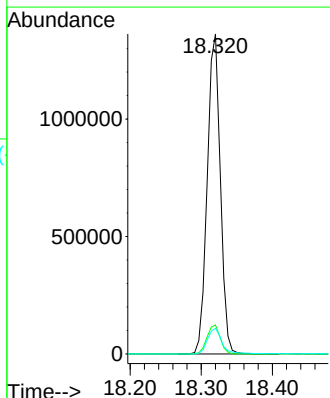
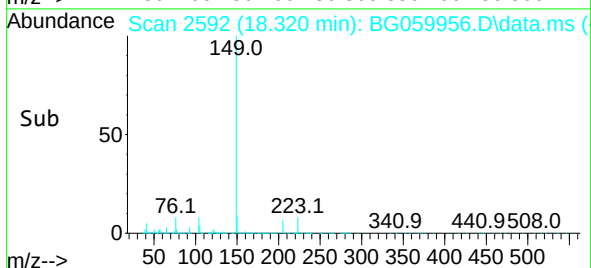
Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/06/2023

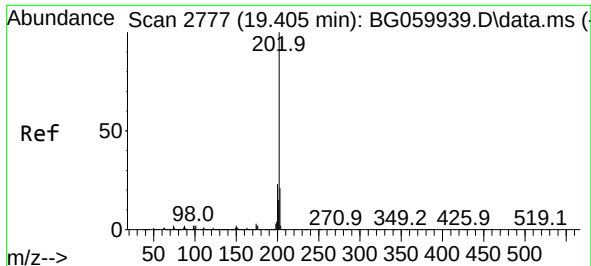


#74
 Di-n-butylphthalate
 Concen: 51.730 ng
 RT: 18.320 min Scan# 2592
 Delta R.T. 0.002 min
 Lab File: BG059956.D
 Acq: 5 Dec 2023 19:29



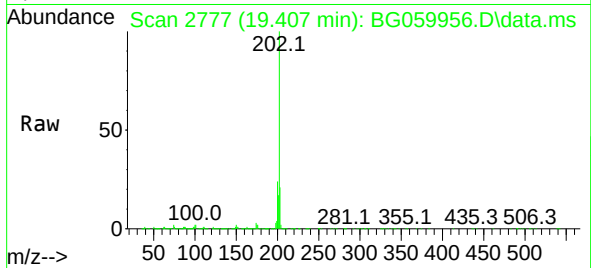
Tgt Ion:149 Resp: 1747722
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 8.0 6.2 9.2





#75
Fluoranthene
Concen: 45.174 ng
RT: 19.407 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

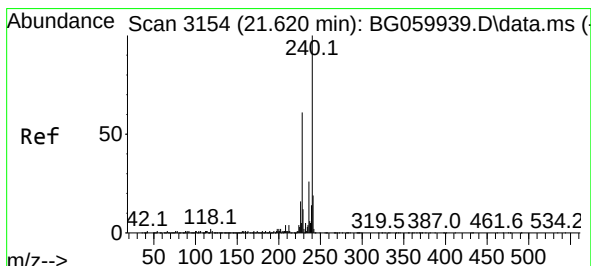
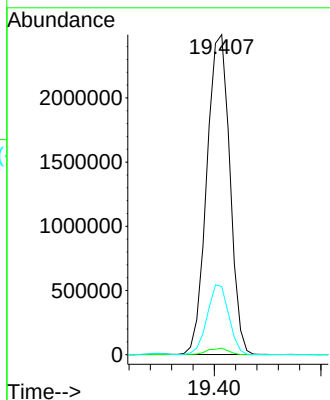
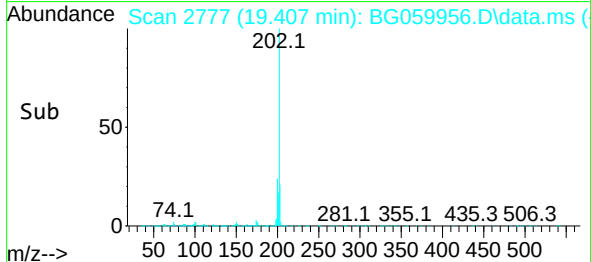
Instrument :
BNA_G
ClientSampleId :
TP-1MS



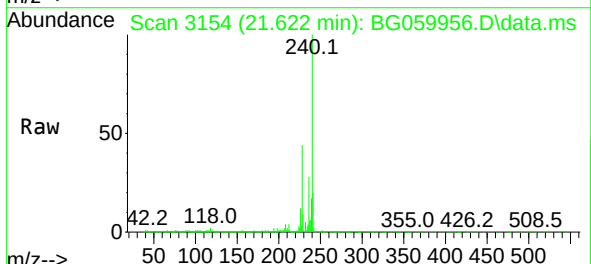
Tgt Ion:202 Resp: 3732860
Ion Ratio Lower Upper
202 100
101 2.1 0.0 21.6
203 21.3 0.9 40.9

Manual Integrations
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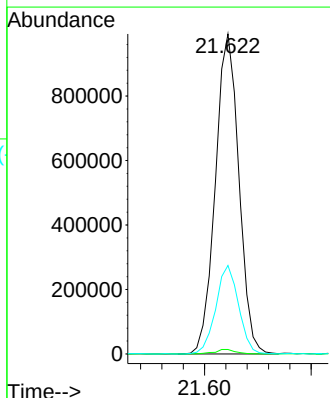
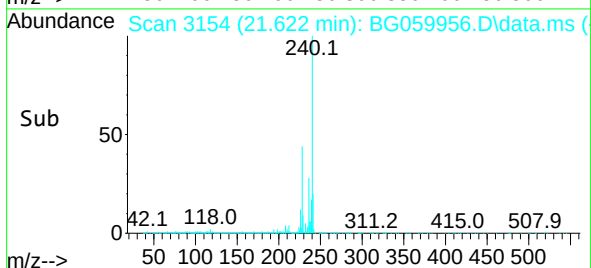
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

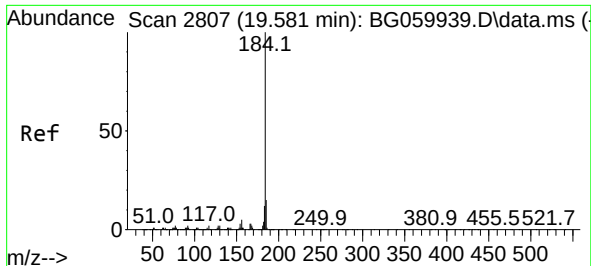


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3154
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



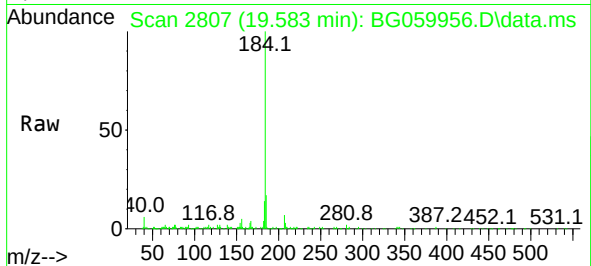
Tgt Ion:240 Resp: 1517378
Ion Ratio Lower Upper
240 100
120 1.4 1.0 1.4
236 27.7 20.8 31.2





#77
Benzidine
Concen: 16.406 ng
RT: 19.583 min Scan# 2807
Delta R.T. 0.002 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

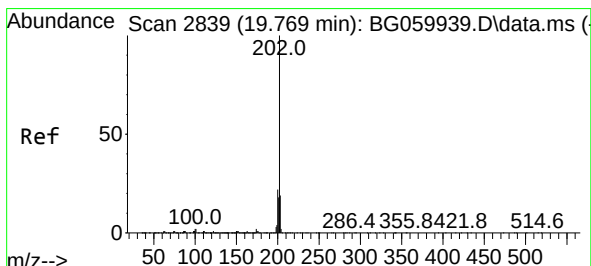
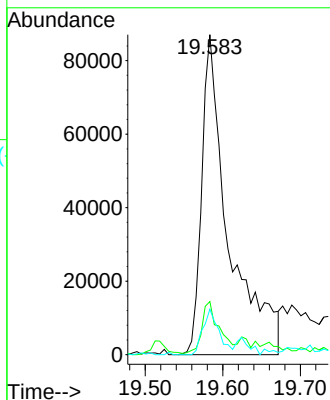
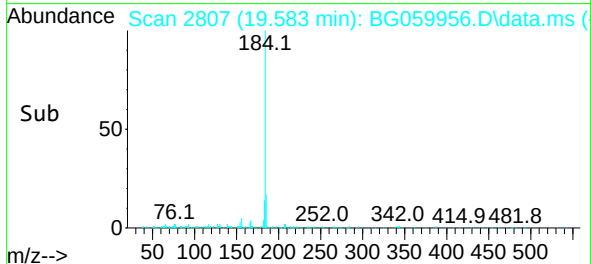
Instrument :
BNA_G
ClientSampleId :
TP-IMS



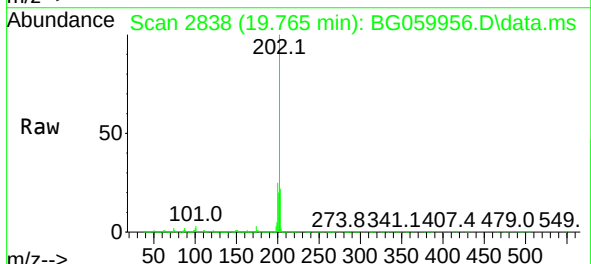
Tgt Ion:184 Resp: 209809
Ion Ratio Lower Upper
184 100
185 16.6 12.0 18.0
183 14.2 9.7 14.5

Manual Integrations
APPROVED

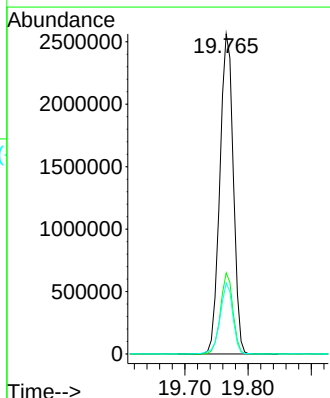
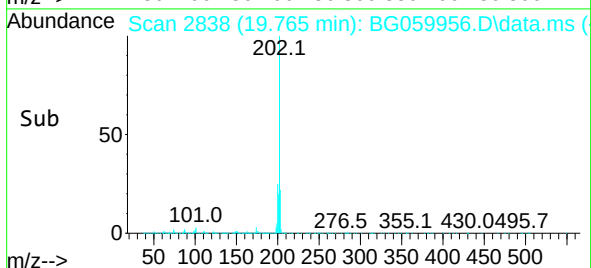
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

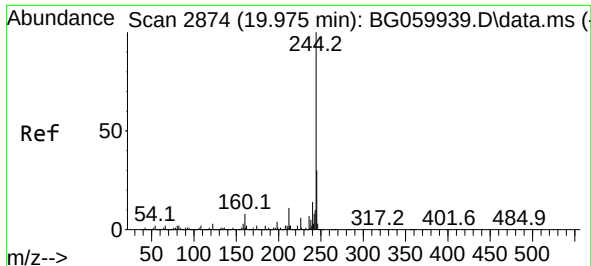


#78
Pyrene
Concen: 46.936 ng
RT: 19.765 min Scan# 2838
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



Tgt Ion:202 Resp: 3790145
Ion Ratio Lower Upper
202 100
200 25.3 17.8 26.6
203 22.1 15.4 23.0





#79

Terphenyl-d14

Concen: 68.306 ng

RT: 19.971 min Scan# 2873

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:244 Resp: 6012349

Ion Ratio Lower Upper

244 100

212 14.2 8.6 13.0

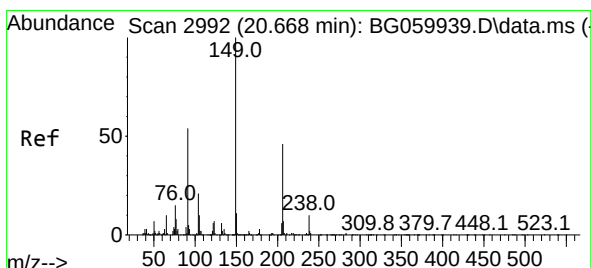
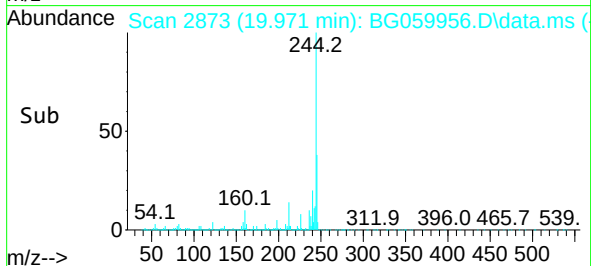
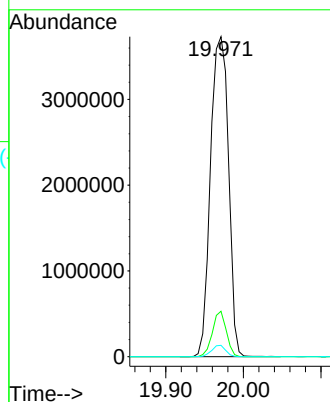
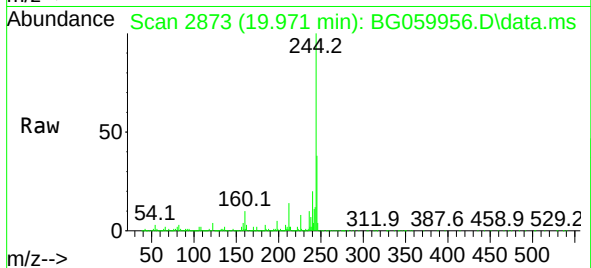
122 3.6 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#80

Butylbenzylphthalate

Concen: 54.219 ng

RT: 20.664 min Scan# 2991

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

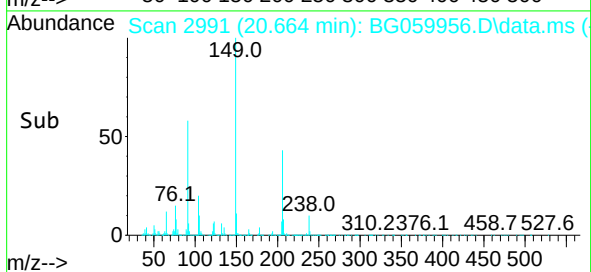
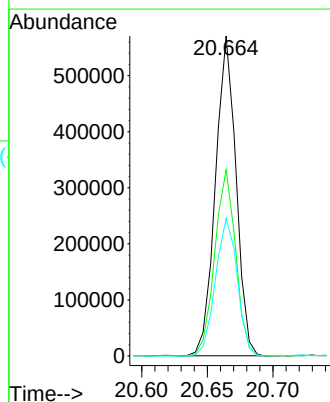
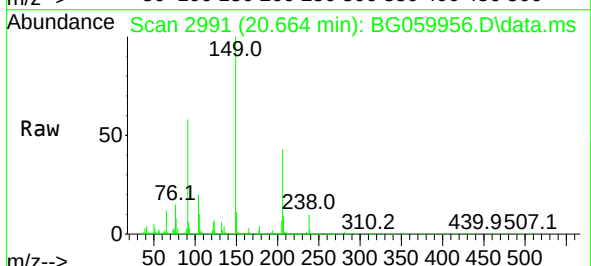
Tgt Ion:149 Resp: 621087

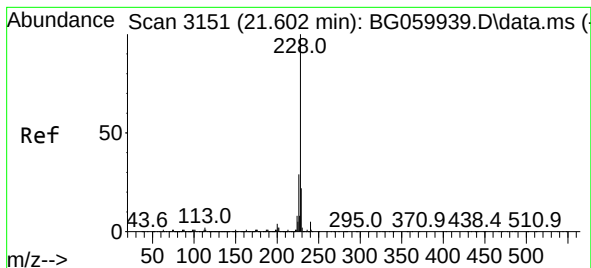
Ion Ratio Lower Upper

149 100

91 58.2 42.9 64.3

206 43.0 36.7 55.1





#81

Benzo(a)anthracene

Concen: 46.937 ng

RT: 21.604 min Scan# 3151

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 475195

Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.2

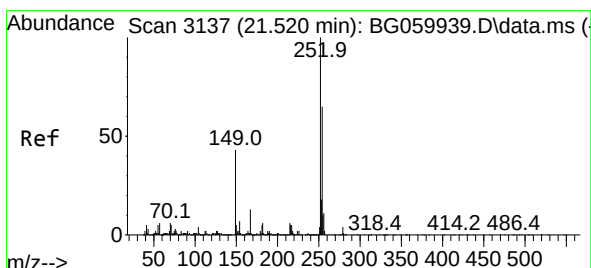
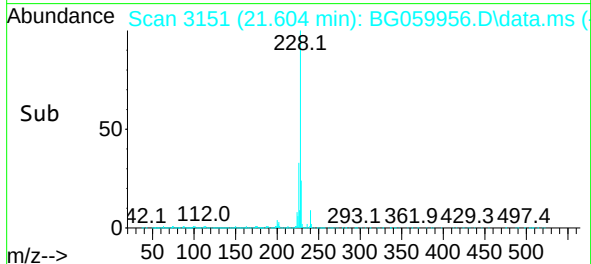
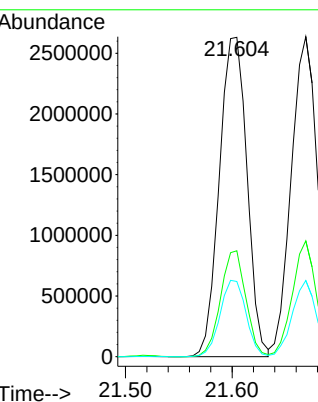
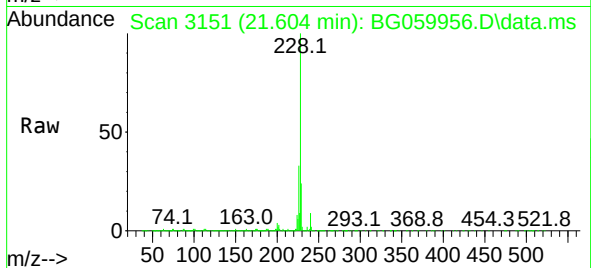
229 23.5 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#82

3,3'-Dichlorobenzidine

Concen: 30.220 ng

RT: 21.516 min Scan# 3136

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

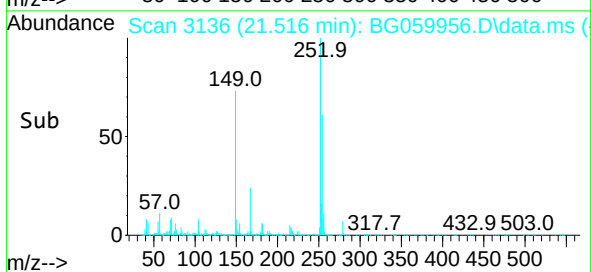
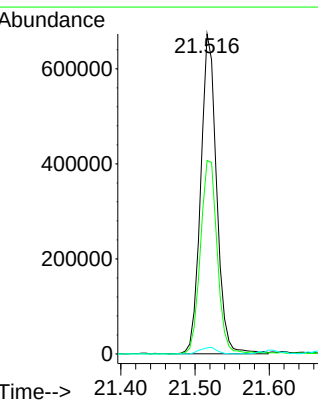
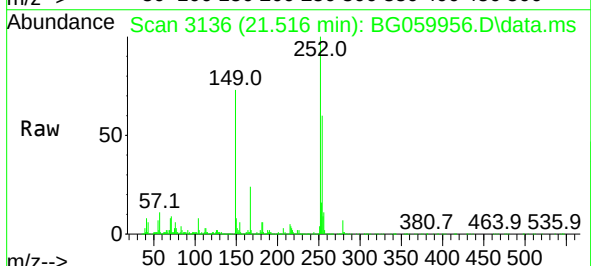
Tgt Ion:252 Resp: 1004814

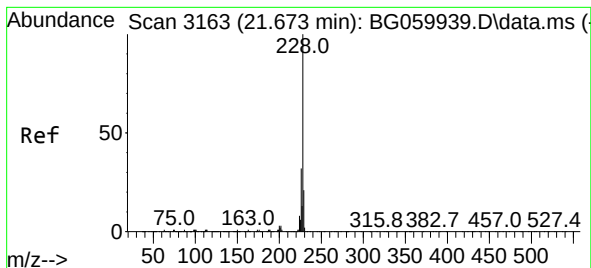
Ion Ratio Lower Upper

252 100

254 60.5 51.9 77.9

126 1.9 1.4 2.2





#83

Chrysene

Concen: 46.780 ng

RT: 21.669 min Scan# 3163

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 444026

Ion Ratio Lower Upper

228 100

226 36.2 25.4 38.2

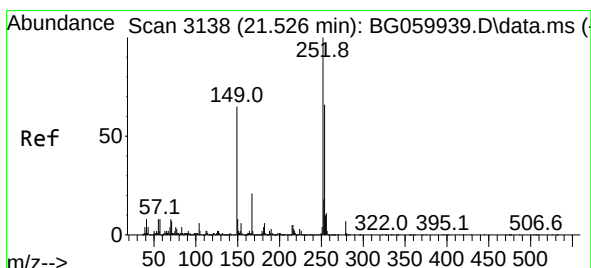
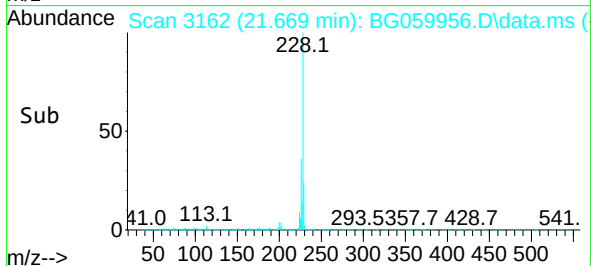
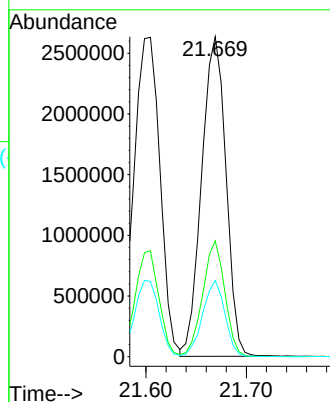
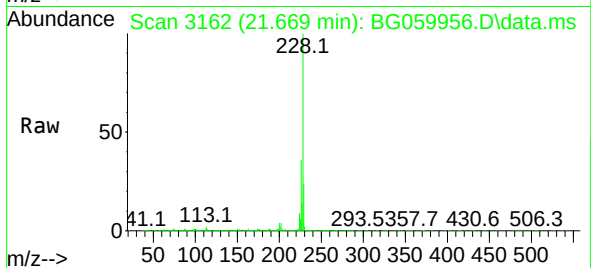
229 23.8 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.669 ng

RT: 21.522 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

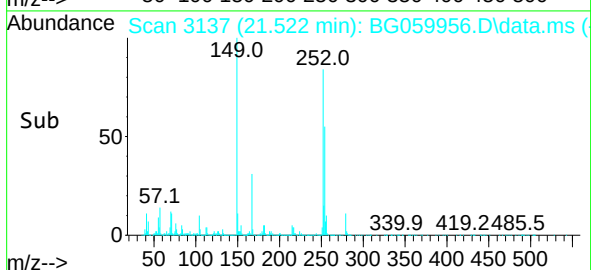
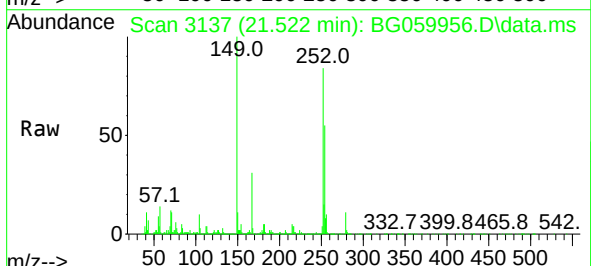
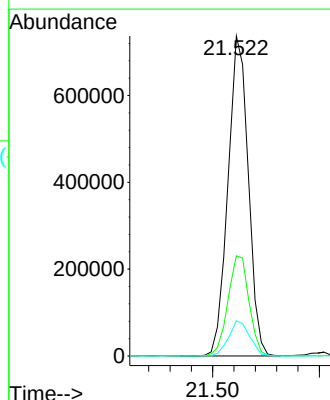
Tgt Ion:149 Resp: 975777

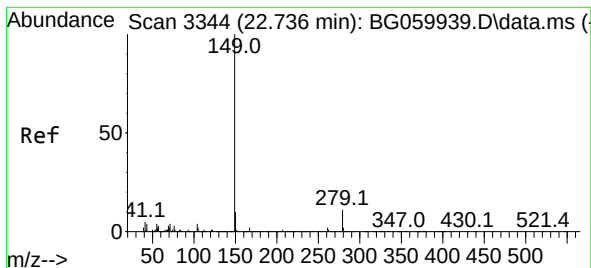
Ion Ratio Lower Upper

149 100

167 31.3 26.1 39.1

279 11.0 8.6 12.8





#85

Di-n-octyl phthalate

Concen: 57.008 ng

RT: 22.732 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:149 Resp: 172688

Ion Ratio Lower Upper

149 100

167 2.1 1.7 2.5

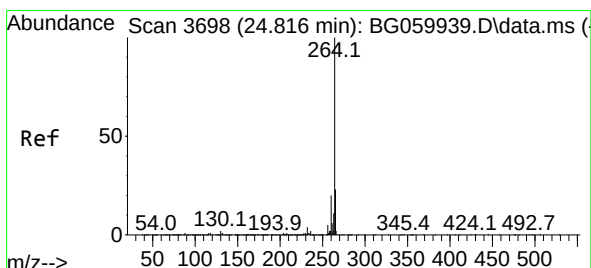
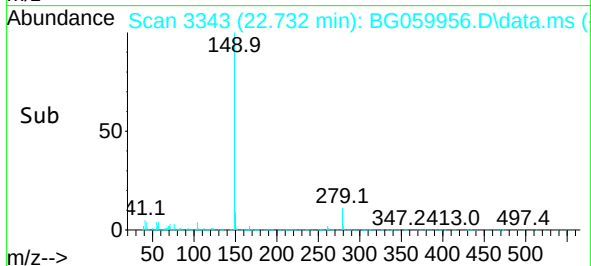
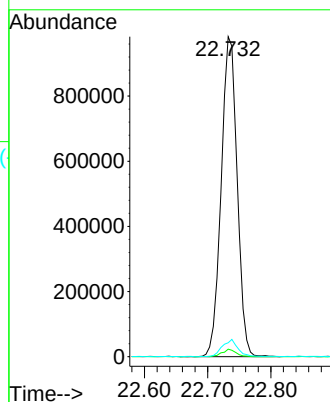
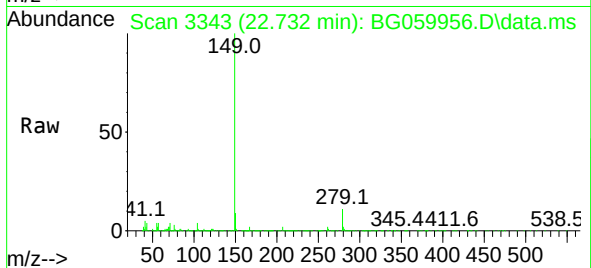
43 5.3 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.812 min Scan# 3697

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

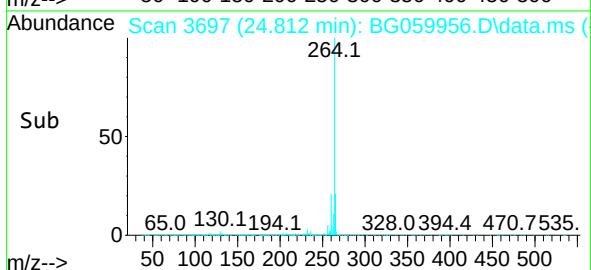
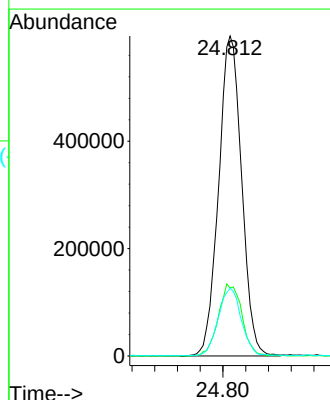
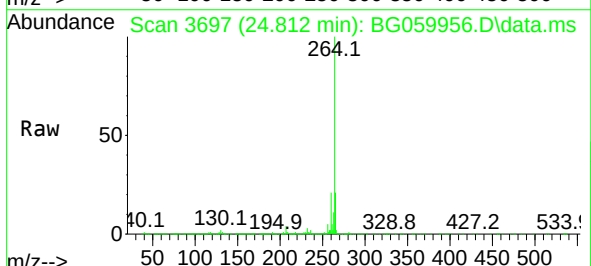
Tgt Ion:264 Resp: 1674125

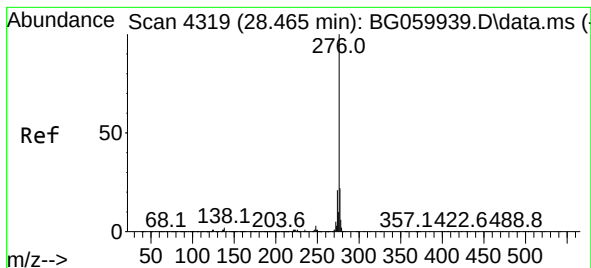
Ion Ratio Lower Upper

264 100

260 21.3 15.8 23.6

265 21.2 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.486 ng

RT: 28.467 min Scan# 4319

Delta R.T. 0.002 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:276 Resp: 661211

Ion Ratio Lower Upper

276 100

138 1.3 0.0 0.0

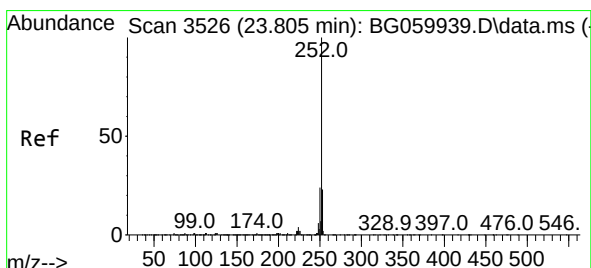
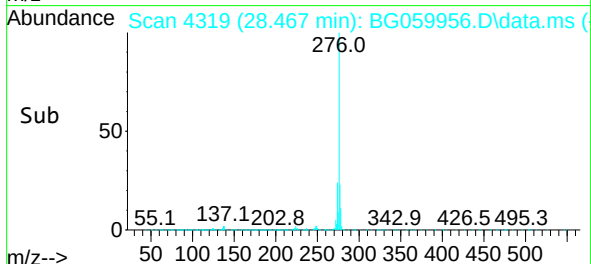
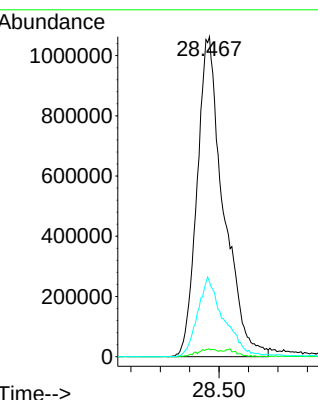
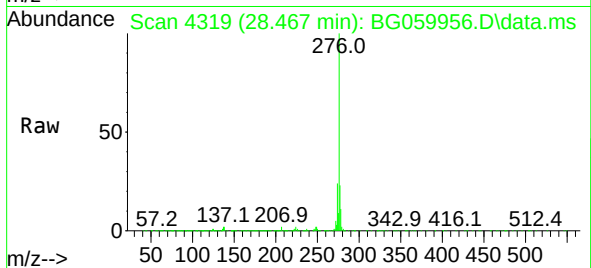
277 24.5 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#88

Benzo(b)fluoranthene

Concen: 51.773 ng

RT: 23.802 min Scan# 3525

Delta R.T. -0.004 min

Lab File: BG059956.D

Acq: 5 Dec 2023 19:29

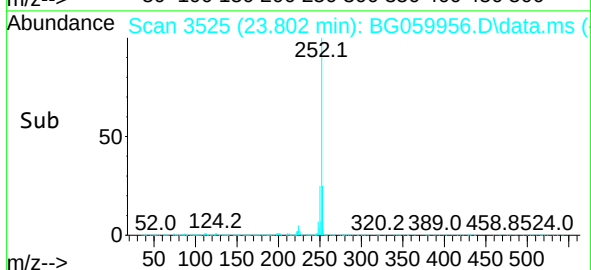
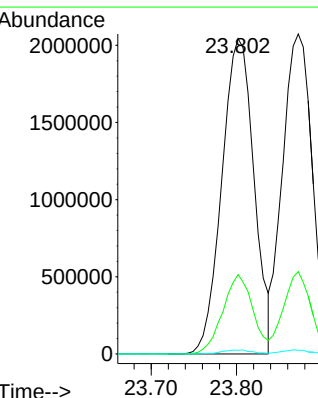
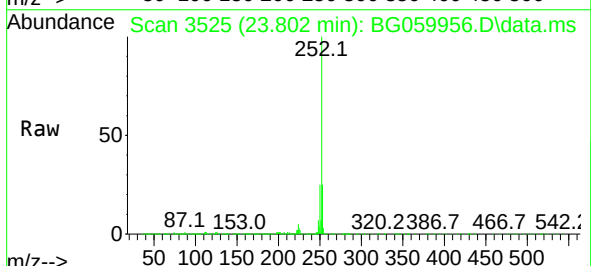
Tgt Ion:252 Resp: 5357392

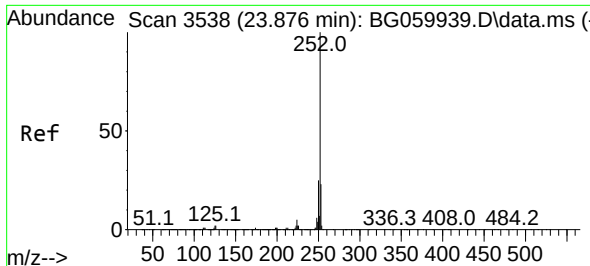
Ion Ratio Lower Upper

252 100

253 25.2 18.5 27.7

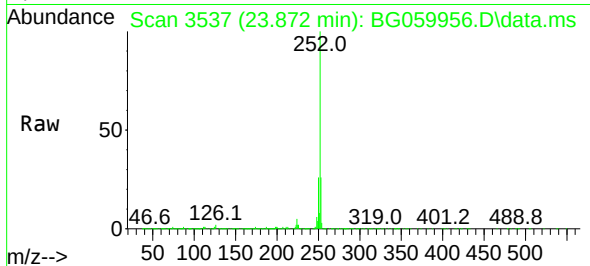
125 1.2 1.2 1.8





#89
Benzo(k)fluoranthene
Concen: 49.807 ng
RT: 23.872 min Scan# 3538
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29

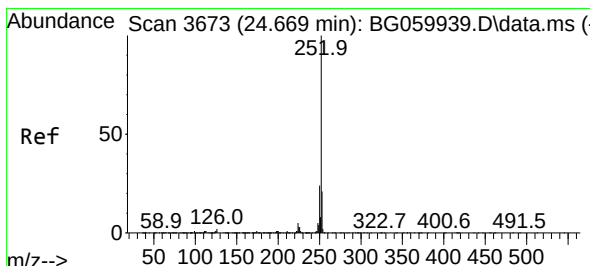
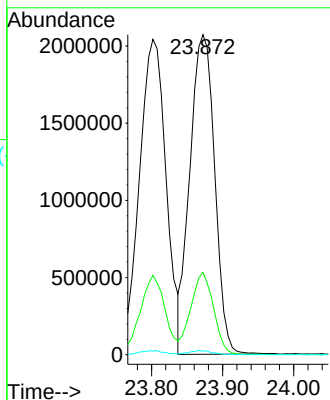
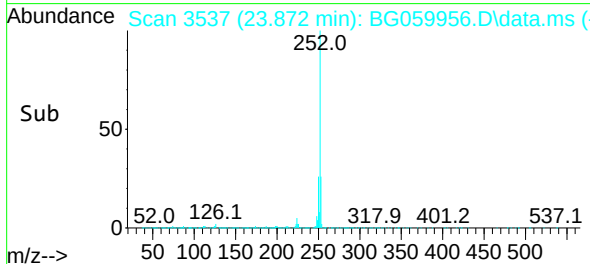
Instrument :
BNA_G
ClientSampleId :
TP-1MS



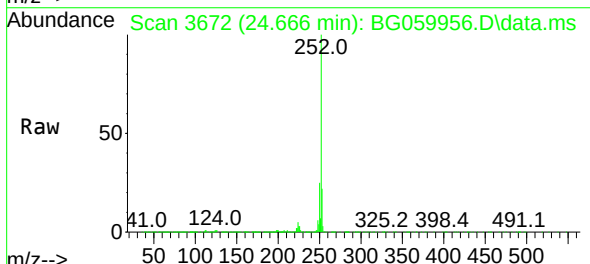
Tgt Ion:252 Resp: 5022090
Ion Ratio Lower Upper
252 100
253 25.8 18.3 27.5
125 1.2 1.3 1.9

Manual Integrations
APPROVED

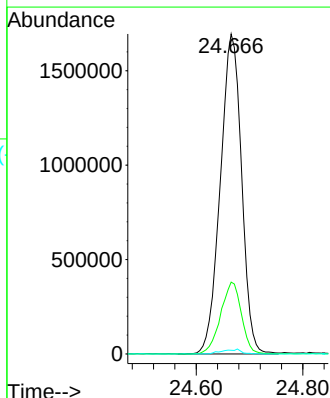
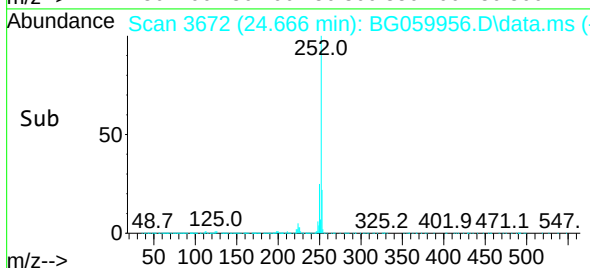
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

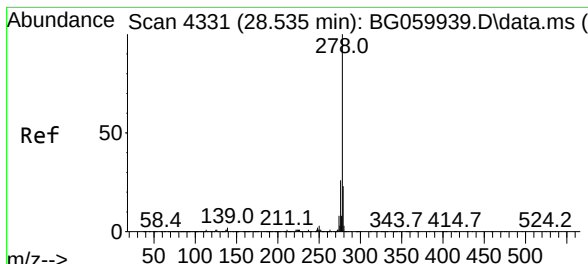


#90
Benzo(a)pyrene
Concen: 50.698 ng
RT: 24.666 min Scan# 3672
Delta R.T. -0.004 min
Lab File: BG059956.D
Acq: 5 Dec 2023 19:29



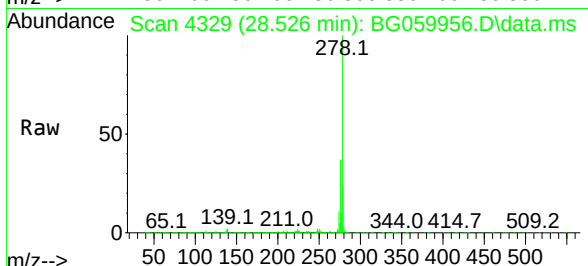
Tgt Ion:252 Resp: 4685197
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 1.1 0.9 1.3





#91
 Dibenzo(a,h)anthracene
 Concen: 53.998 ng
 RT: 28.526 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: BG059956.D
 Acq: 5 Dec 2023 19:29

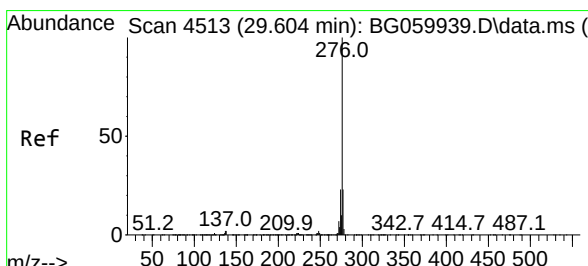
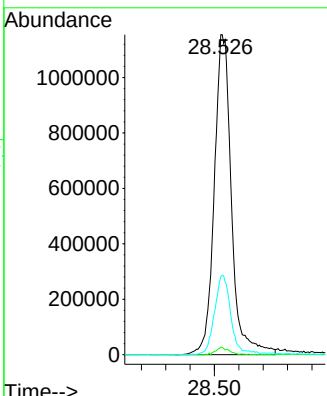
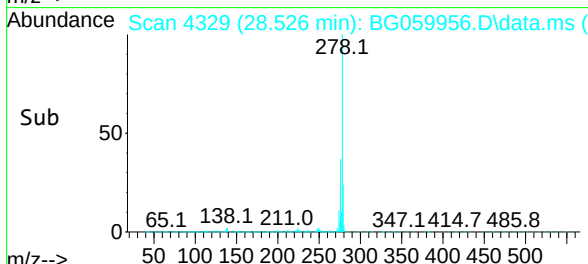
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS



Tgt Ion:278 Resp: 566766
 Ion Ratio Lower Upper
 278 100
 139 2.4 1.7 2.5
 279 24.4 18.8 28.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/06/2023



#92
 Benzo(g,h,i)perylene
 Concen: 50.431 ng
 RT: 29.601 min Scan# 4512
 Delta R.T. -0.004 min
 Lab File: BG059956.D
 Acq: 5 Dec 2023 19:29

Tgt Ion:276 Resp: 5119390
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.1 27.1
 138 3.3 1.6 2.4#

