

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059955.D
 Acq On : 5 Dec 2023 18:48
 Operator : MA/JU
 Sample : 05388-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD

Quant Time: Dec 05 22:40:11 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	88574	20.000	ng	# 0.00
21) Naphthalene-d8	10.768	136	341469	20.000	ng	# 0.00
39) Acenaphthene-d10	14.599	164	332431	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	1161575	20.000	ng	0.00
76) Chrysene-d12	21.620	240	1679522	20.000	ng	0.00
86) Perylene-d12	24.810	264	2020122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	598898	135.855	ng	0.01
7) Phenol-d6	7.119	99	694294	99.925	ng	0.00
23) Nitrobenzene-d5	9.123	82	633049	66.271	ng	0.00
42) 2,4,6-Tribromophenol	16.091	330	1154139	107.907	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	2184948	71.687	ng	0.00
79) Terphenyl-d14	19.969	244	5693330	58.437	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.453	88	84529	56.713	ng	# 60
3) Pyridine	3.841	79	210943	47.424	ng	93
4) n-Nitrosodimethylamine	3.752	42	131584	56.272	ng	# 99
6) Aniline	7.284	93	167093	21.790	ng	92
8) 2-Chlorophenol	7.524	128	200860	46.711	ng	96
9) Benzaldehyde	7.096	77	22673m	4.393	ng	
10) Phenol	7.143	94	272193	39.165	ng	99
11) bis(2-Chloroethyl)ether	7.378	93	198577	41.058	ng	99
12) 1,3-Dichlorobenzene	7.848	146	255114	41.223	ng	97
13) 1,4-Dichlorobenzene	7.995	146	265475	41.439	ng	96
14) 1,2-Dichlorobenzene	8.312	146	262656	41.820	ng	96
15) Benzyl Alcohol	8.194	79	321241	46.786	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.488	45	111700m	43.976	ng	
17) 2-Methylphenol	8.394	107	207163	44.235	ng	95
18) Hexachloroethane	9.046	117	96585	38.856	ng	# 77
19) n-Nitroso-di-n-propyla...	8.764	70	214539	41.202	ng	# 94
20) 3+4-Methylphenols	8.723	107	285329	42.936	ng	95
22) Acetophenone	8.782	105	436633	40.015	ng	# 95
24) Nitrobenzene	9.164	77	365315	38.219	ng	97
25) Isophorone	9.687	82	631085	38.426	ng	# 93
26) 2-Nitrophenol	9.875	139	125792	41.384	ng	92
27) 2,4-Dimethylphenol	9.933	122	196805	47.168	ng	88
28) bis(2-Chloroethoxy)met...	10.174	93	298051	38.628	ng	92
29) 2,4-Dichlorophenol	10.403	162	374318	45.057	ng	95
30) 1,2,4-Trichlorobenzene	10.627	180	483996	39.952	ng	92
31) Naphthalene	10.815	128	697845	39.757	ng	97
32) Benzoic acid	10.051	122	135834	34.140	ng	91
33) 4-Chloroaniline	10.915	127	30897	4.514	ng	# 78
34) Hexachlorobutadiene	11.103	225	508470	37.436	ng	93
35) Caprolactam	11.696	113	63598m	36.399	ng	
36) 4-Chloro-3-methylphenol	12.037	107	304012	44.438	ng	93
37) 2-Methylnaphthalene	12.425	142	614308	41.233	ng	97
38) 1-Methylnaphthalene	12.642	142	591683	40.666	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.789	216	1046525	44.098	ng	99
41) Hexachlorocyclopentadiene	12.771	237	858964	71.432	ng	99
43) 2,4,6-Trichlorophenol	13.024	196	545238	44.868	ng	96

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M

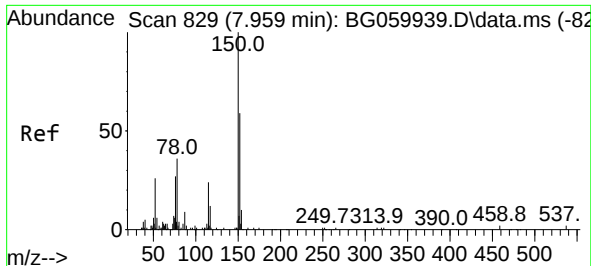
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 05 02:26:15 2023

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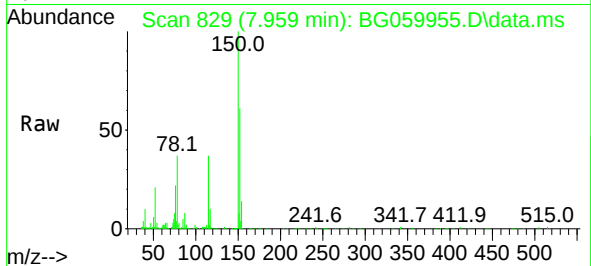
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.100	196	600286	44.922	ng	96
46) 1,1'-Biphenyl	13.435	154	1074053	44.210	ng	98
47) 2-Chloronaphthalene	13.476	162	907593	41.755	ng	98
48) 2-Nitroaniline	13.676	65	193646	47.001	ng	95
49) Acenaphthylene	14.322	152	1346729	46.294	ng	97
50) Dimethylphthalate	14.058	163	1251096	44.210	ng	99
51) 2,6-Dinitrotoluene	14.170	165	255464	41.203	ng	95
52) Acenaphthene	14.663	154	983595m	46.846	ng	
53) 3-Nitroaniline	14.499	138	74594	19.393	ng	89
54) 2,4-Dinitrophenol	14.698	184	369627	68.351	ng	96
55) Dibenzofuran	14.998	168	1555135	43.912	ng	99
56) 4-Nitrophenol	14.798	139	253774	76.023	ng	# 88
57) 2,4-Dinitrotoluene	14.957	165	366853	42.543	ng	96
58) Fluorene	15.644	166	1347593	44.715	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	732327	46.068	ng	98
60) Diethylphthalate	15.421	149	1109545	44.020	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	1187170	43.424	ng	97
62) 4-Nitroaniline	15.662	138	179023	40.435	ng	97
63) Azobenzene	15.932	77	1053294	40.282	ng	97
65) 4,6-Dinitro-2-methylph...	15.715	198	319894	36.021	ng	97
66) n-Nitrosodiphenylamine	15.856	169	1246140	46.834	ng	99
67) 4-Bromophenyl-phenylether	16.537	248	790030	39.698	ng	95
68) Hexachlorobenzene	16.649	284	984521	44.525	ng	98
69) Atrazine	16.808	200	723400	55.101	ng	97
70) Pentachlorophenol	16.990	266	1298443	81.036	ng	98
71) Phenanthrene	17.389	178	2449267	44.655	ng	98
72) Anthracene	17.483	178	2497980	44.556	ng	100
73) Carbazole	17.748	167	1824572	42.820	ng	97
74) Di-n-butylphthalate	18.318	149	1668193	45.263	ng	99
75) Fluoranthene	19.405	202	3612120	40.072	ng	99
77) Benzidine	19.581	184	291003	20.558	ng	97
78) Pyrene	19.769	202	3731418	41.747	ng	95
80) Butylbenzylphthalate	20.662	149	599319	47.268	ng	95
81) Benzo(a)anthracene	21.602	228	4723106	42.148	ng	93
82) 3,3'-Dichlorobenzidine	21.520	252	912865	24.804	ng	# 95
83) Chrysene	21.667	228	4393888	41.822	ng	95
84) Bis(2-ethylhexyl)phtha...	21.526	149	921155	47.479	ng	98
85) Di-n-octyl phthalate	22.736	149	1678457	50.060	ng	99
87) Indeno(1,2,3-cd)pyrene	28.459	276	6570818	44.048	ng	# 100
88) Benzo(b)fluoranthene	23.800	252	5235253	41.928	ng	# 99
89) Benzo(k)fluoranthene	23.876	252	5034567	41.379	ng	# 97
90) Benzo(a)pyrene	24.663	252	4676867	41.940	ng	96
91) Dibenzo(a,h)anthracene	28.535	278	5515228	43.546	ng	97
92) Benzo(g,h,i)perylene	29.610	276	5023680	41.012	ng	# 99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.000 min
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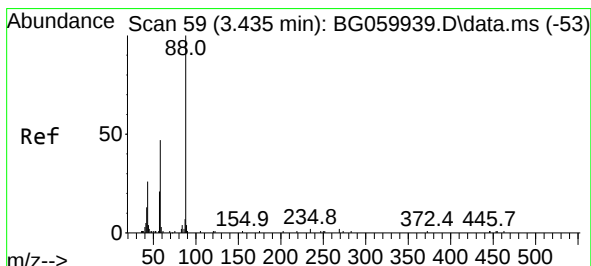
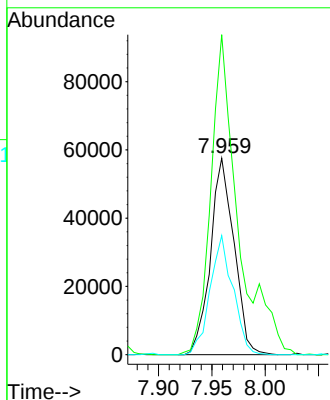
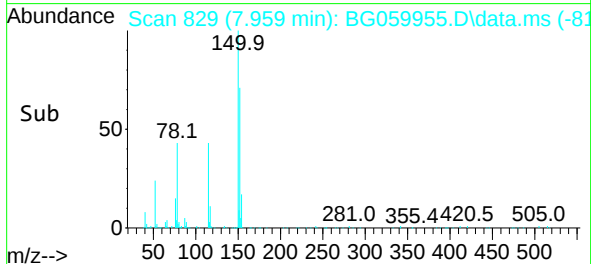
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



Tgt Ion:152 Resp: 88574
Ion Ratio Lower Upper
152 100
150 162.9 136.9 205.3
115 60.6 32.9 49.3

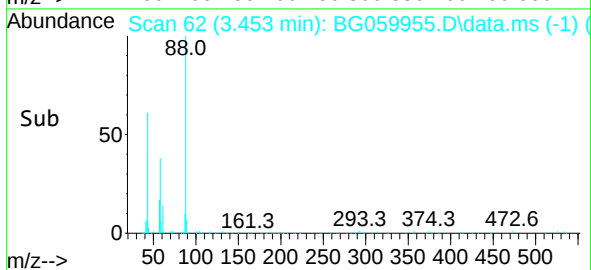
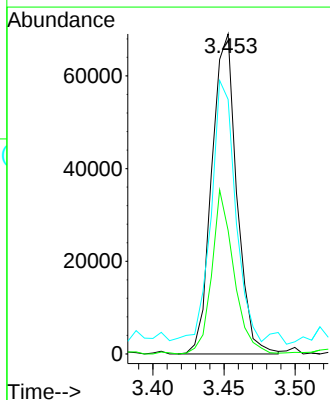
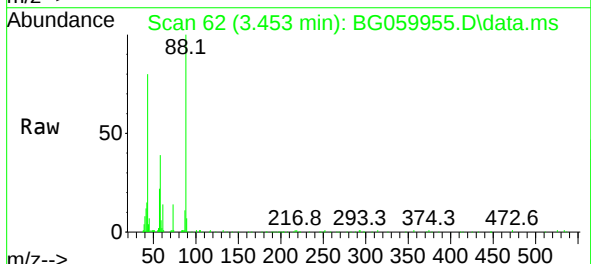
Manual Integrations
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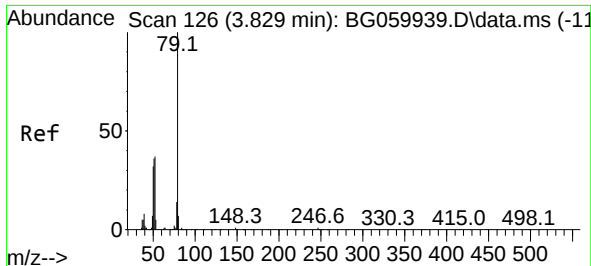
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#2
1,4-Dioxane
Concen: 56.713 ng
RT: 3.453 min Scan# 62
Delta R.T. 0.018 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

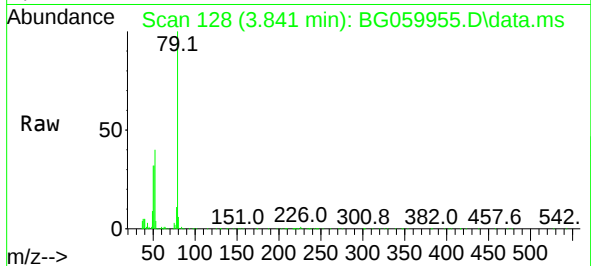
Tgt Ion: 88 Resp: 84529
Ion Ratio Lower Upper
88 100
58 45.1 38.2 57.2
43 79.9 21.0 31.4





#3
Pyridine
Concen: 47.424 ng
RT: 3.841 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

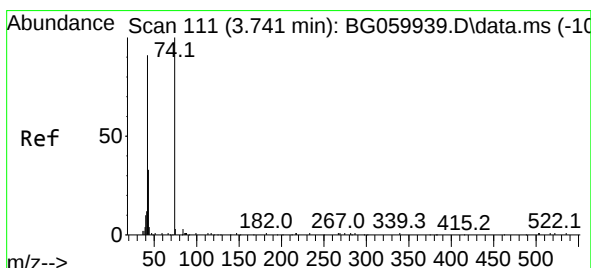
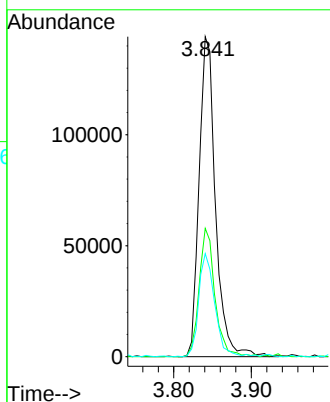
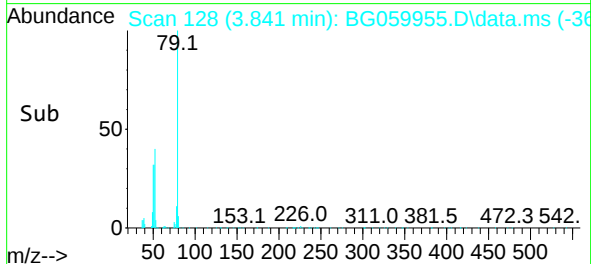
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



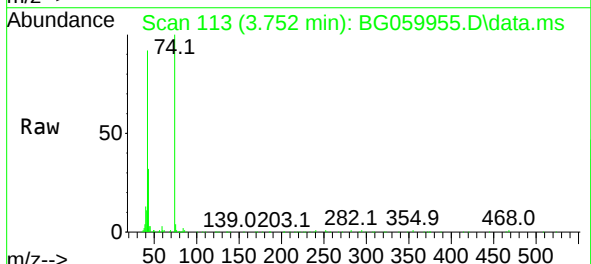
Tgt Ion: 79 Resp: 21094
Ion Ratio Lower Upper
79 100
52 40.1 29.8 44.8
51 32.2 30.3 45.5

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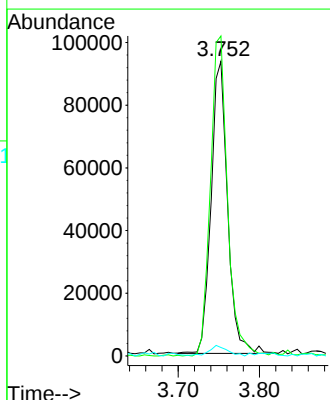
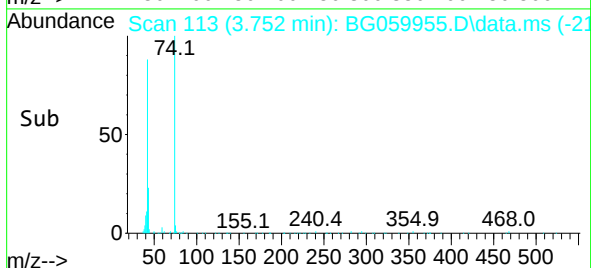
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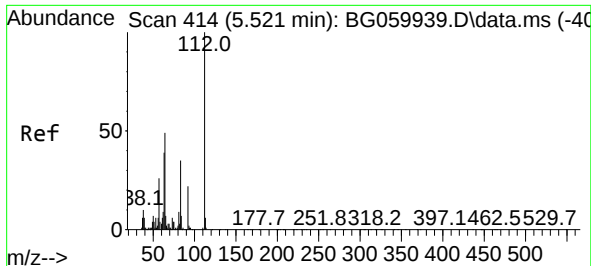


#4
n-Nitrosodimethylamine
Concen: 56.272 ng
RT: 3.752 min Scan# 113
Delta R.T. 0.012 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



Tgt Ion: 42 Resp: 131584
Ion Ratio Lower Upper
42 100
74 108.6 87.4 131.2
44 2.9 3.7 5.5#





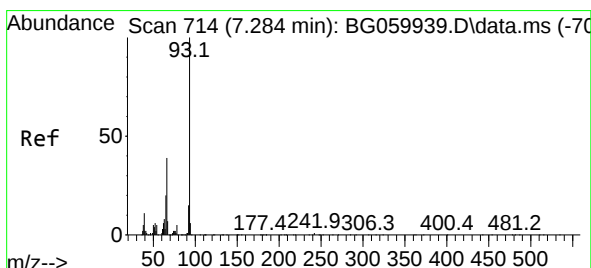
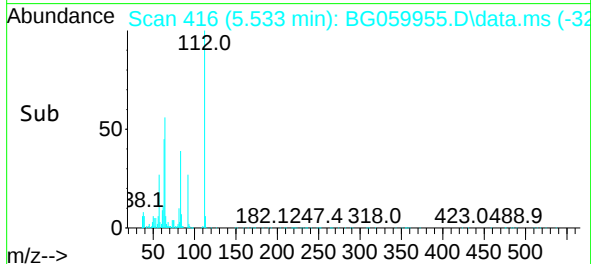
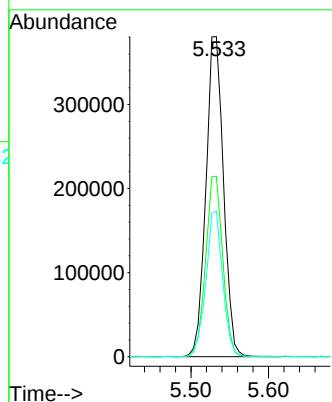
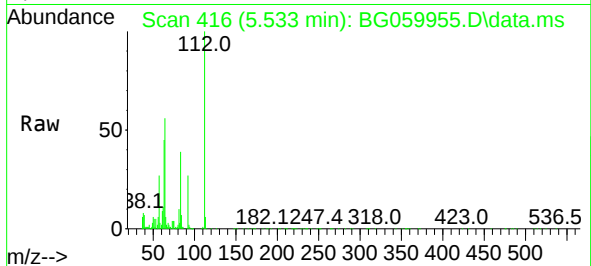
#5
2-Fluorophenol
Concen: 135.855 ng
RT: 5.533 min Scan# 414
Delta R.T. 0.012 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tgt Ion:112 Resp: 598898
Ion Ratio Lower Upper
112 100
64 56.4 39.4 59.0
63 45.5 31.2 46.8

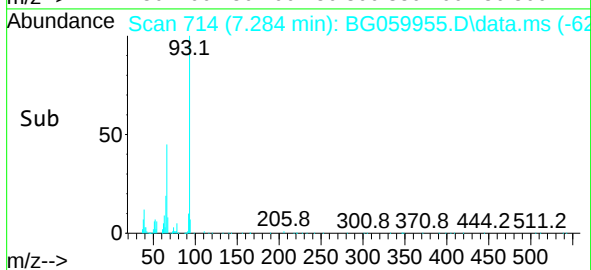
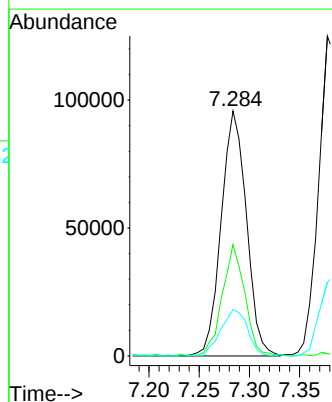
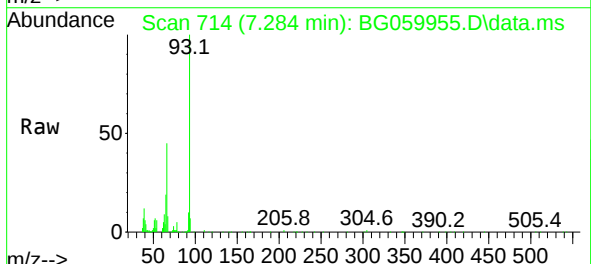
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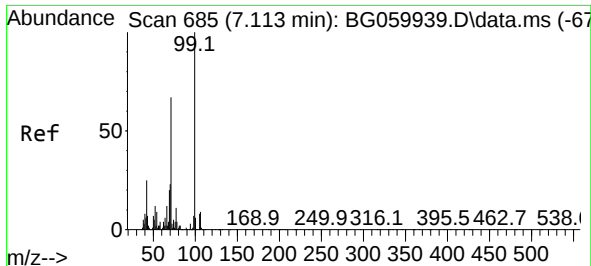
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#6
Aniline
Concen: 21.790 ng
RT: 7.284 min Scan# 714
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion: 93 Resp: 167093
Ion Ratio Lower Upper
93 100
66 45.5 31.4 47.0
65 19.0 16.2 24.2





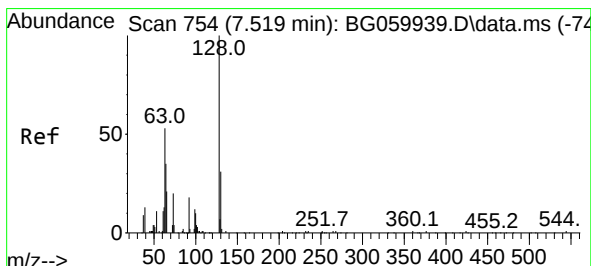
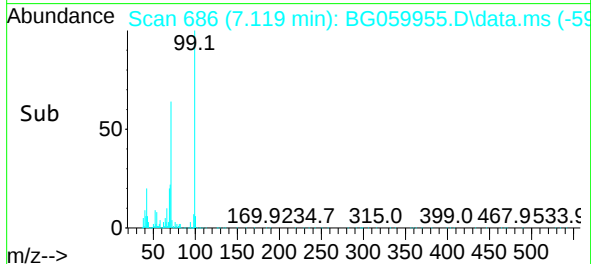
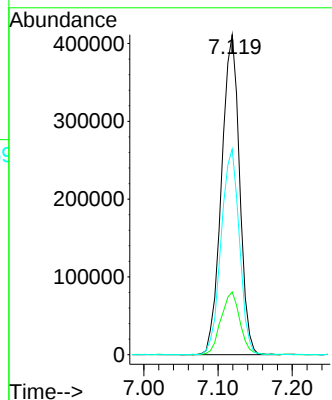
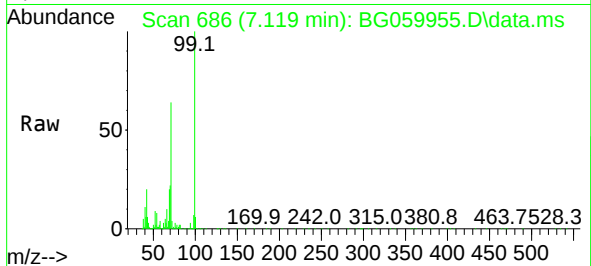
#7
Phenol-d6
Concen: 99.925 ng
RT: 7.119 min Scan# 685
Delta R.T. 0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Instrument :
BNA_G
Client SampleId :
TP-3MSD

Tgt Ion: 99 Resp: 694294
Ion Ratio Lower Upper
99 100
42 19.6 20.1 30.1
71 64.2 53.8 80.6

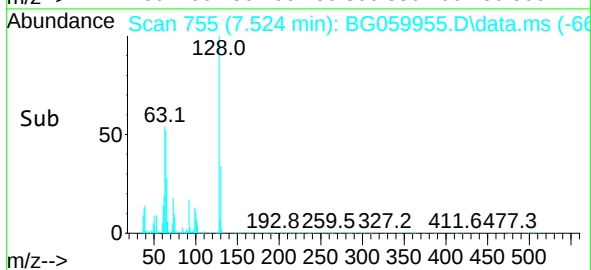
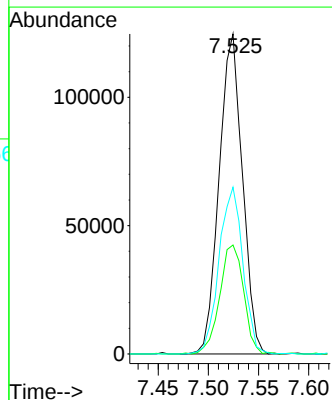
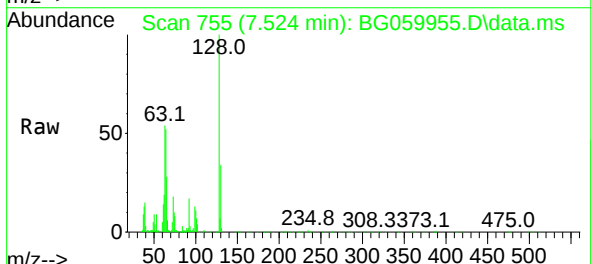
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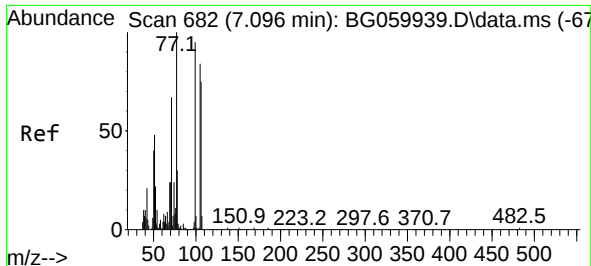
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#8
2-Chlorophenol
Concen: 46.711 ng
RT: 7.524 min Scan# 755
Delta R.T. 0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

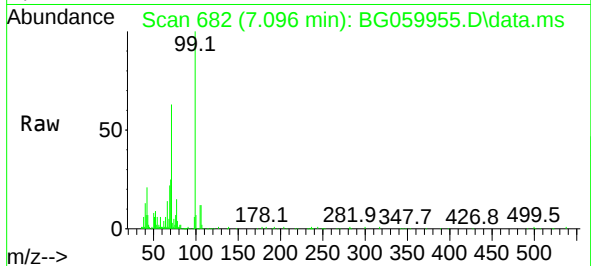
Tgt Ion:128 Resp: 200860
Ion Ratio Lower Upper
128 100
130 34.1 10.9 50.9
64 52.1 30.3 70.3





#9
Benzaldehyde
Concen: 4.393 ng m
RT: 7.096 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

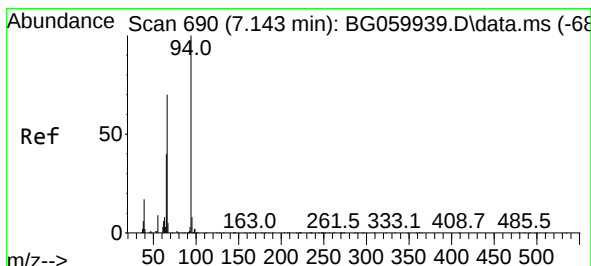
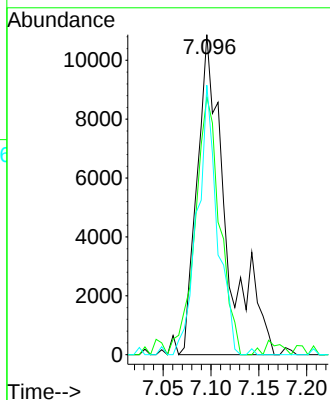
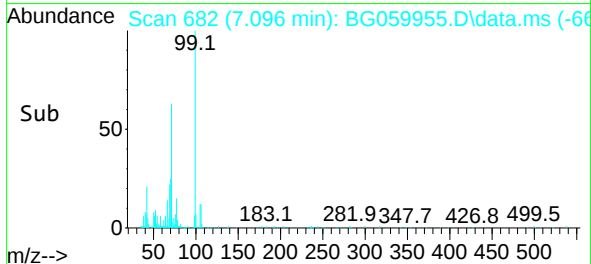
Instrument :
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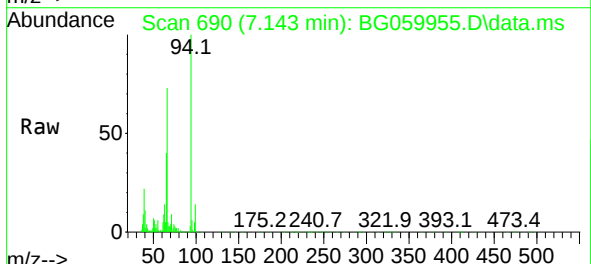
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Ion Ratio Lower Upper
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105 80.6 64.2 104.2
106 84.2 55.6 95.6

Manual Integrations
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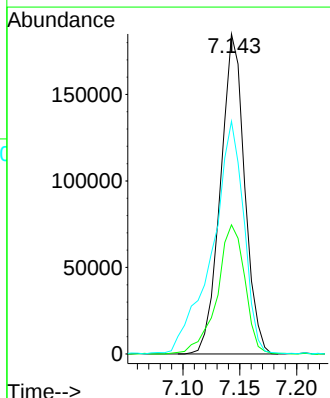
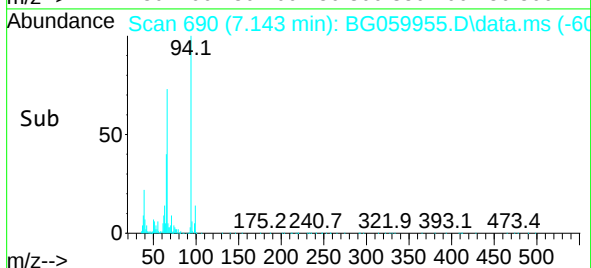
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Supervised By :mohammad ahmed 12/06/2023

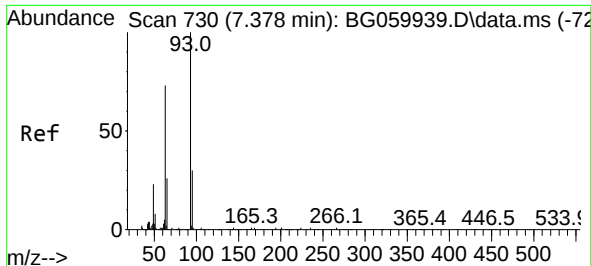


#10
Phenol
Concen: 39.165 ng
RT: 7.143 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



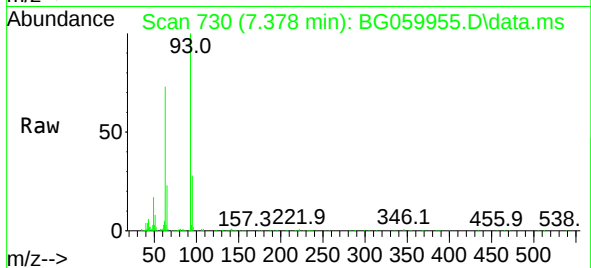
Tgt Ion: 94 Resp: 272193
Ion Ratio Lower Upper
94 100
65 40.4 20.6 60.6
66 72.7 52.1 92.1





#11
bis(2-Chloroethyl)ether
Concen: 41.058 ng
RT: 7.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

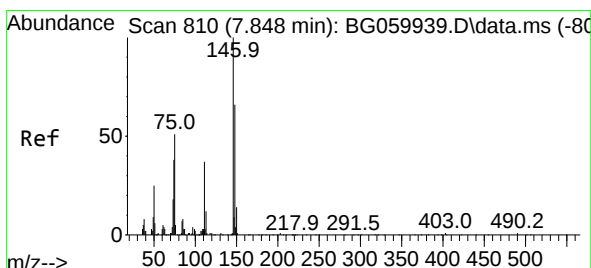
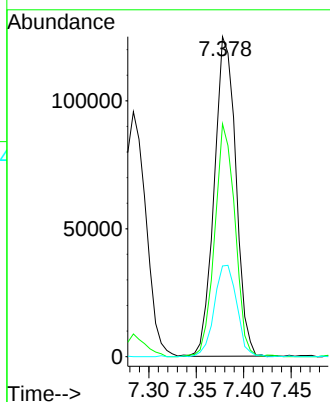
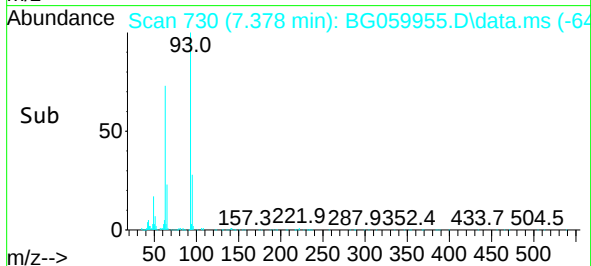
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



Tgt Ion: 93 Resp: 19857
Ion Ratio Lower Upper
93 100
63 72.7 52.9 92.9
95 28.3 9.9 49.9

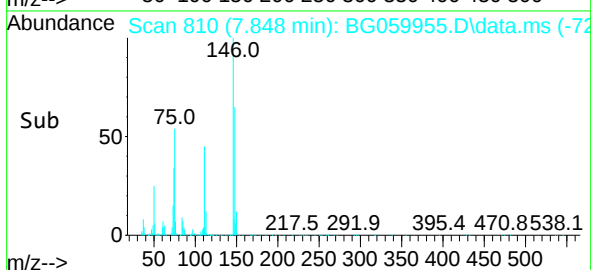
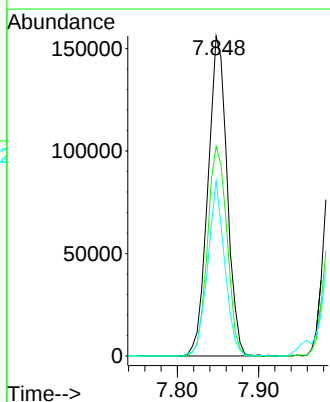
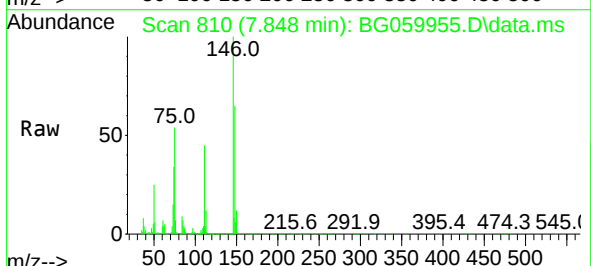
Manual Integrations
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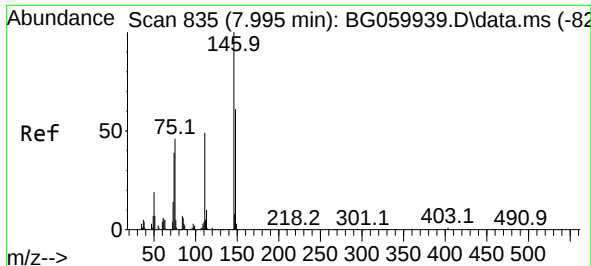
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#12
1,3-Dichlorobenzene
Concen: 41.223 ng
RT: 7.848 min Scan# 810
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

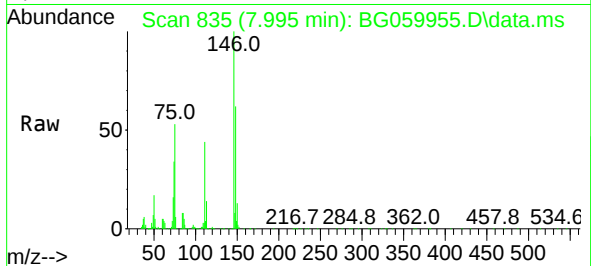
Tgt Ion:146 Resp: 255114
Ion Ratio Lower Upper
146 100
148 65.5 52.9 79.3
75 54.5 40.7 61.1





#13
1,4-Dichlorobenzene
Concen: 41.439 ng
RT: 7.995 min Scan# 835
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

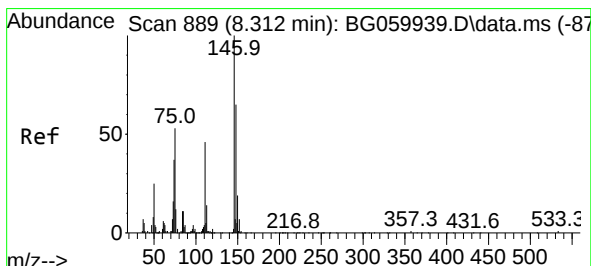
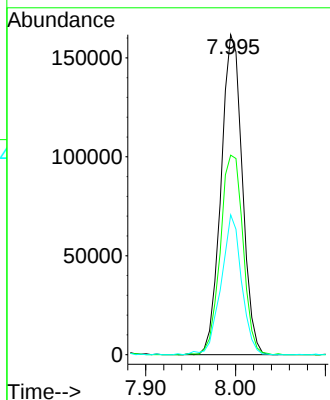
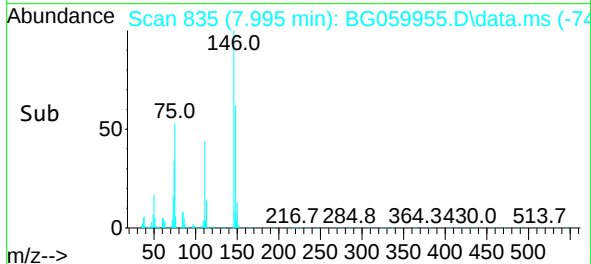
Instrument :
BNA_G
Client SampleId :
TP-3MSD



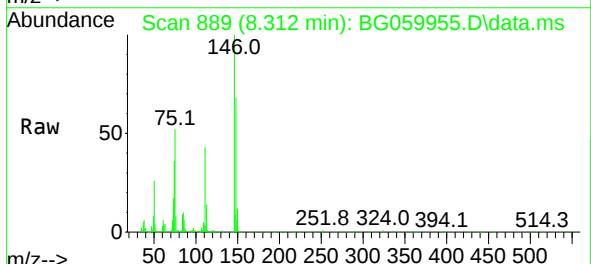
Tgt Ion:146 Resp: 265479
Ion Ratio Lower Upper
146 100
148 62.4 48.8 73.2
111 43.7 39.1 58.7

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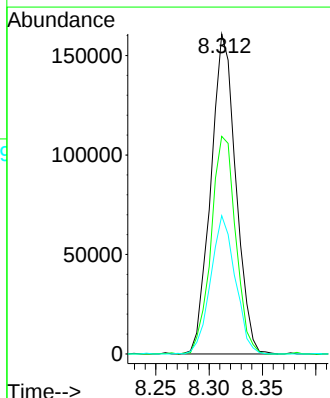
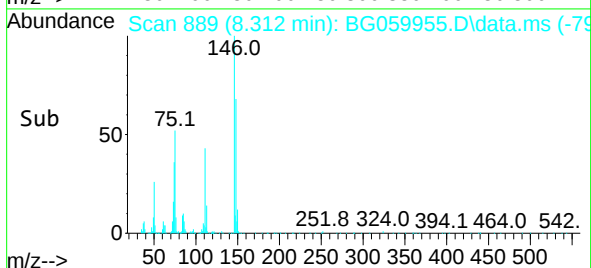
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

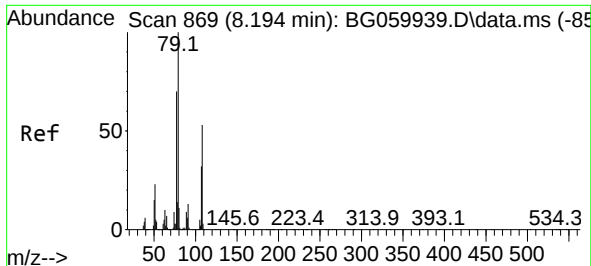


#14
1,2-Dichlorobenzene
Concen: 41.820 ng
RT: 8.312 min Scan# 889
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



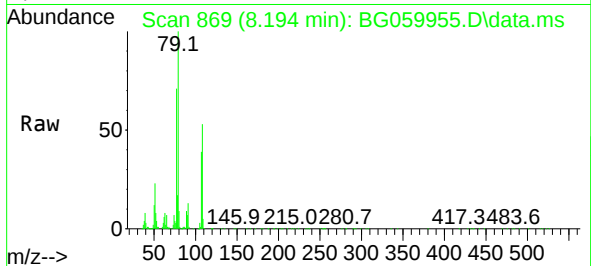
Tgt Ion:146 Resp: 262656
Ion Ratio Lower Upper
146 100
148 68.0 52.4 78.6
111 43.2 36.7 55.1





#15
Benzyl Alcohol
Concen: 46.786 ng
RT: 8.194 min Scan# 869
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

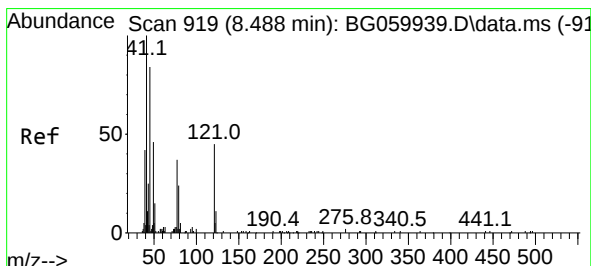
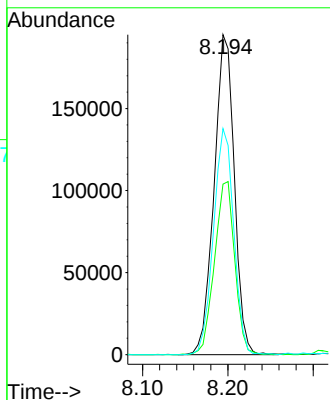
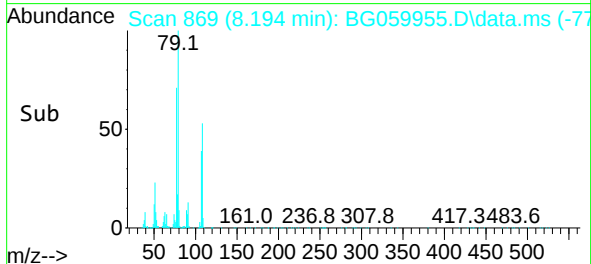
Instrument :
BNA_G
Client SampleId :
TP-3MSD



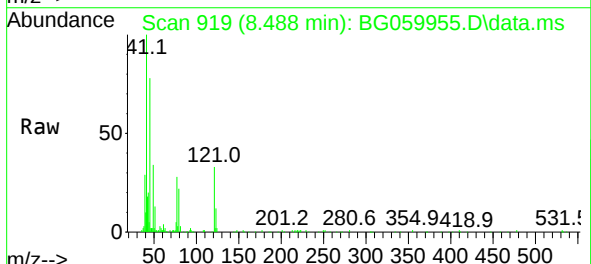
Tgt Ion: 79 Resp: 32124
Ion Ratio Lower Upper
79 100
108 53.3 42.7 64.1
77 70.7 56.3 84.5

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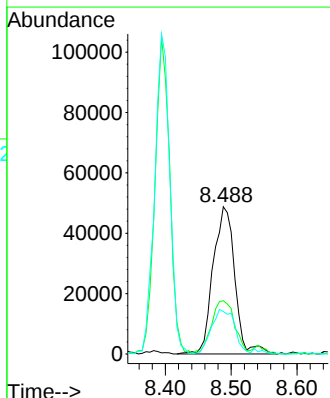
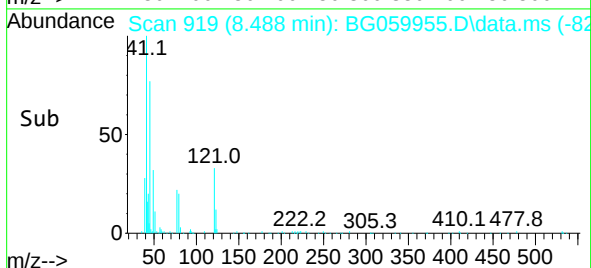
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

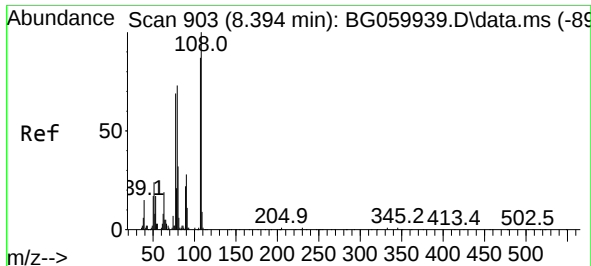


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.976 ng m
RT: 8.488 min Scan# 919
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



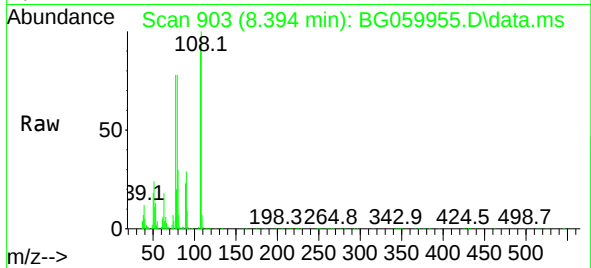
Tgt Ion: 45 Resp: 111700
Ion Ratio Lower Upper
45 100
77 36.1 26.2 66.2
79 28.8 11.2 51.2





#17
2-Methylphenol
Concen: 44.235 ng
RT: 8.394 min Scan# 903
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

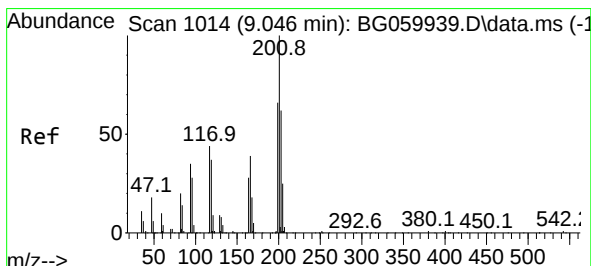
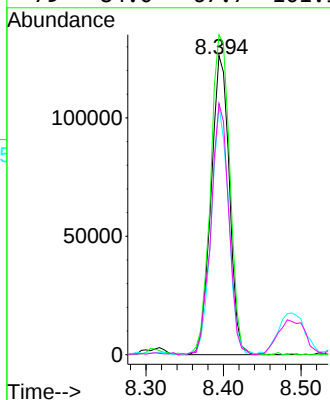
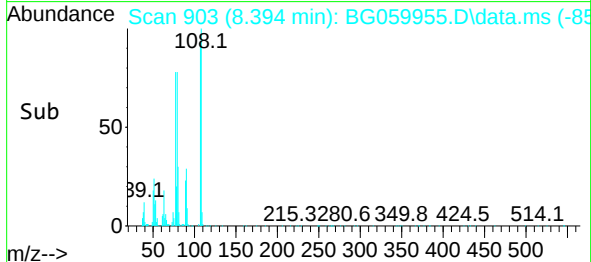
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



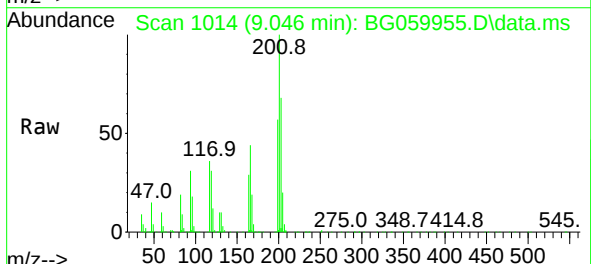
Tgt Ion:107 Resp: 20716
Ion Ratio Lower Upper
107 100
108 107.0 92.2 138.4
77 83.1 63.7 95.5
79 84.0 67.7 101.5

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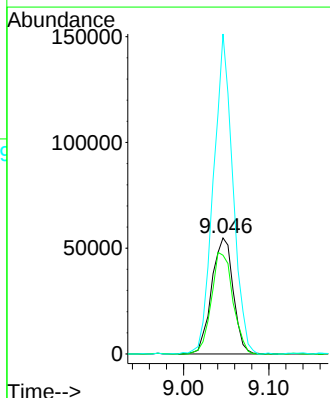
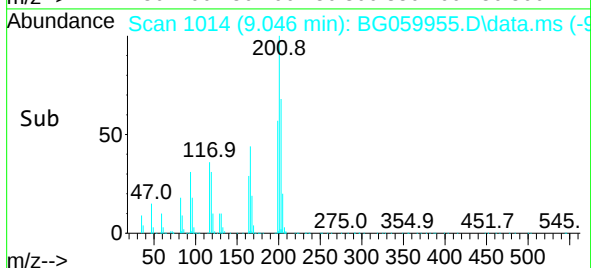
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

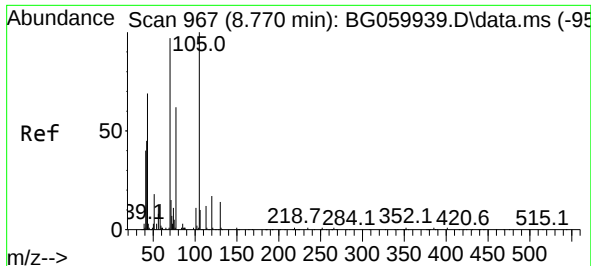


#18
Hexachloroethane
Concen: 38.856 ng
RT: 9.046 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



Tgt Ion:117 Resp: 96585
Ion Ratio Lower Upper
117 100
119 85.2 67.5 101.3
201 280.7 183.0 274.6





#19

n-Nitroso-di-n-propylamine

Concen: 41.202 ng

RT: 8.764 min Scan# 90

Delta R.T. -0.006 min

Lab File: BG059955.D

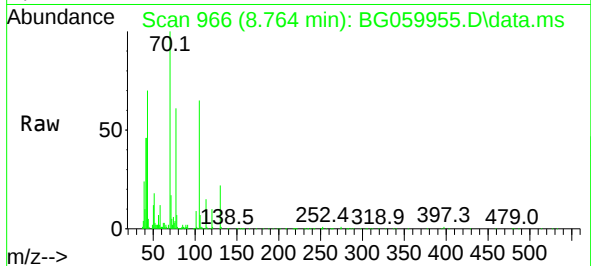
Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD



Tgt Ion: 70 Resp: 214539

Ion Ratio Lower Upper

70 100

42 45.8 38.1 57.1

101 9.5 8.6 13.0

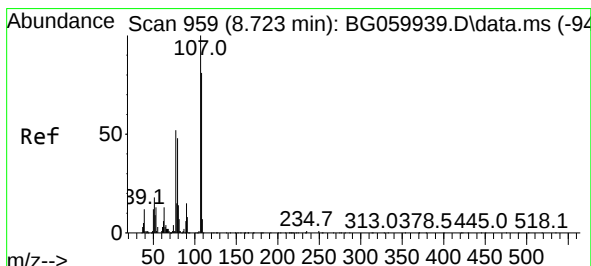
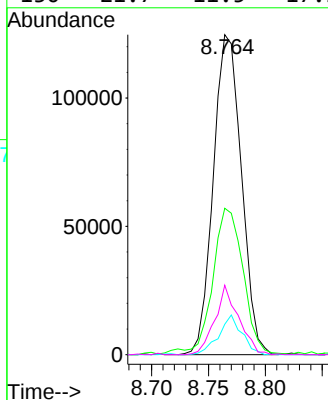
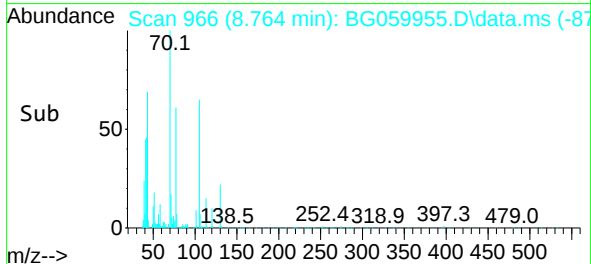
130 21.7 11.5 17.3#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#20

3+4-Methylphenols

Concen: 42.936 ng

RT: 8.723 min Scan# 959

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Tgt Ion:107 Resp: 285329

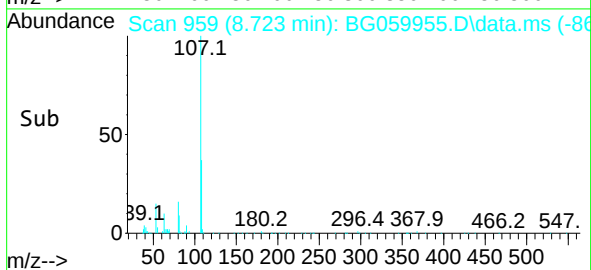
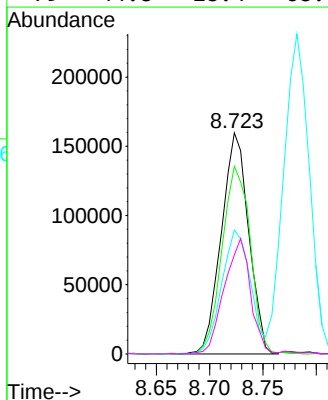
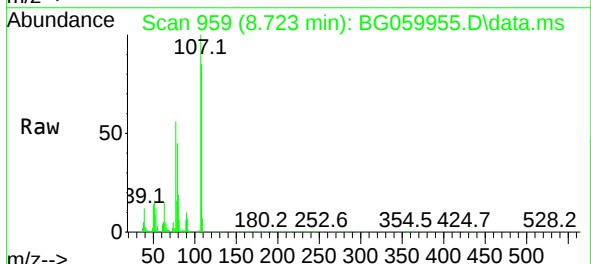
Ion Ratio Lower Upper

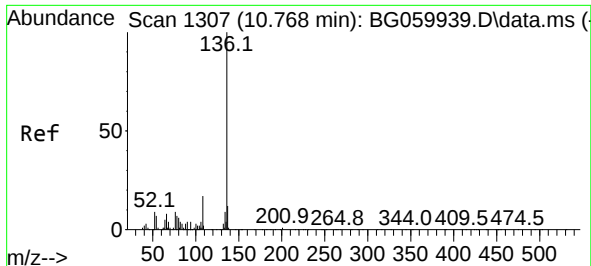
107 100

108 84.9 60.7 100.7

77 56.1 32.2 72.2

79 44.8 28.4 68.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.768 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

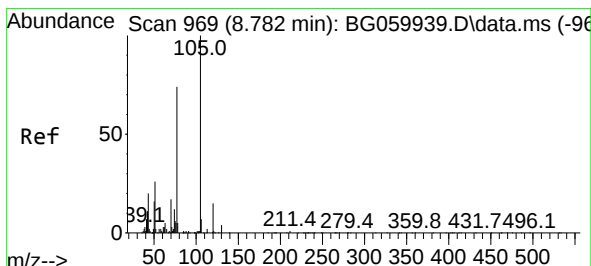
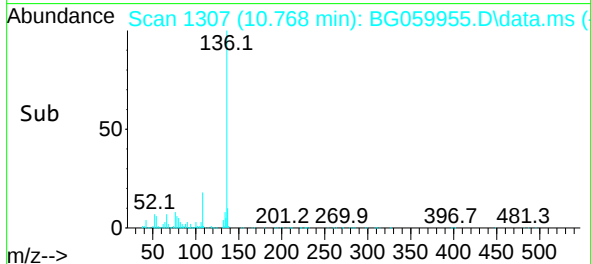
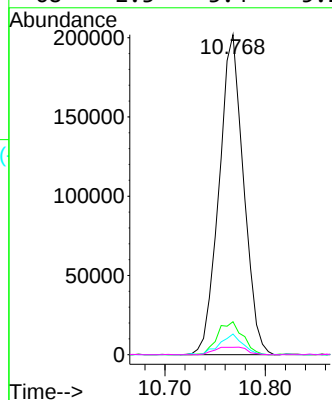
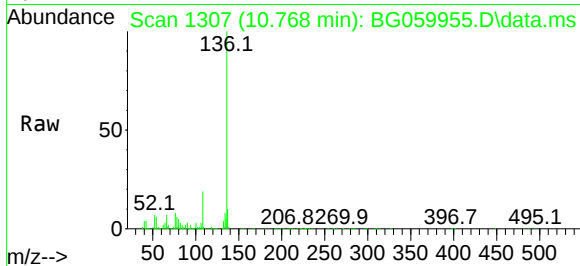
ClientSampleId :

TP-3MSD

Tgt Ion:136 Resp: 341469
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 6.4 5.8 8.6
68 2.3 3.4 5.2#

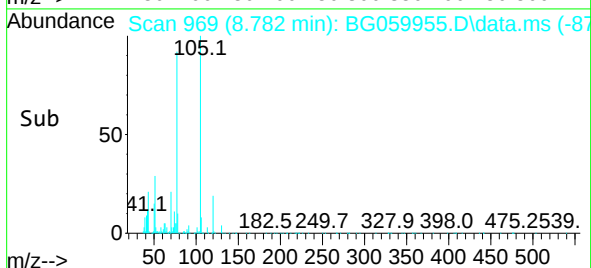
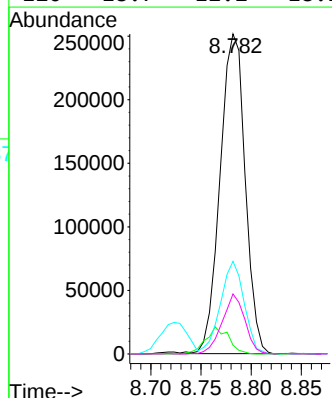
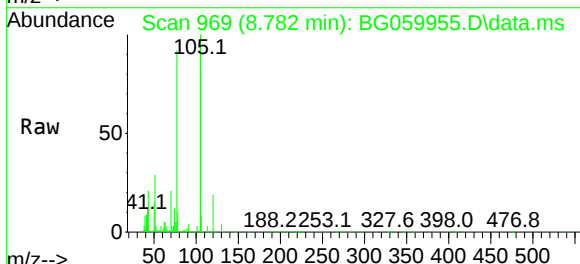
Manual Integrations
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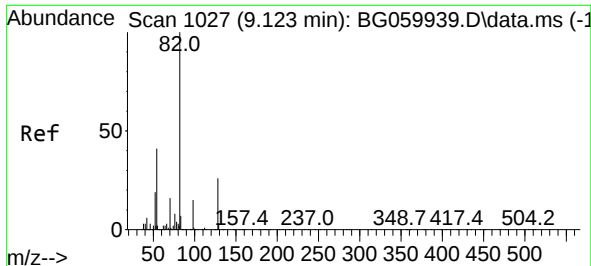
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#22
Acetophenone
Concen: 40.015 ng
RT: 8.782 min Scan# 969
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

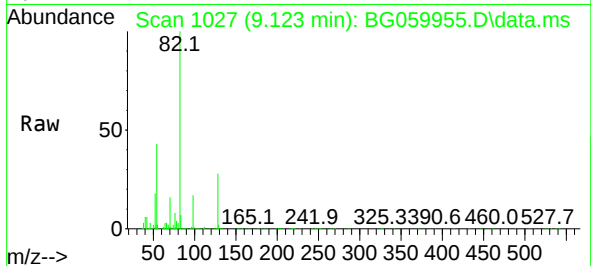
Tgt Ion:105 Resp: 436633
Ion Ratio Lower Upper
105 100
71 2.8 3.0 4.4#
51 29.0 24.4 36.6
120 18.7 12.2 18.2#





#23
Nitrobenzene-d5
Concen: 66.271 ng
RT: 9.123 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

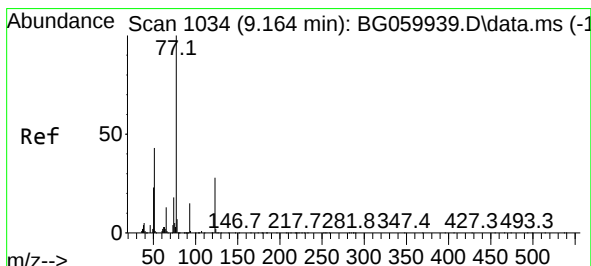
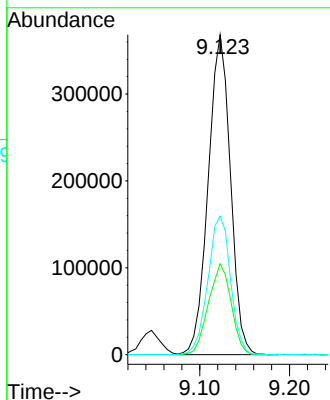
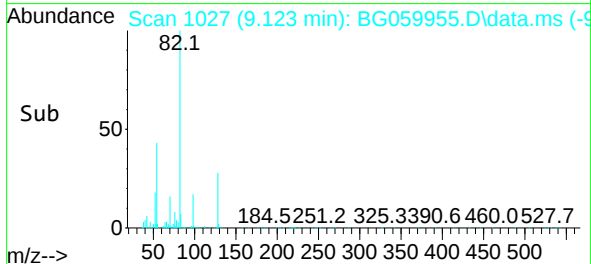
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



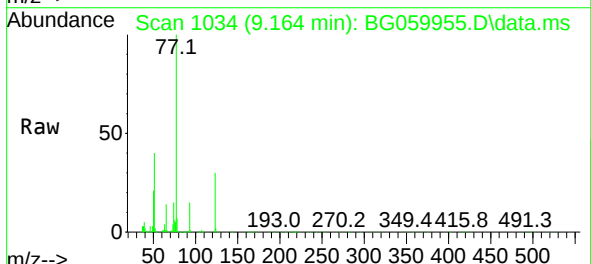
Tgt Ion: 82 Resp: 633049
Ion Ratio Lower Upper
82 100
128 28.4 21.0 31.6
54 43.3 32.6 48.8

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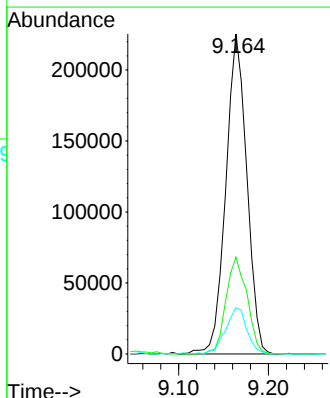
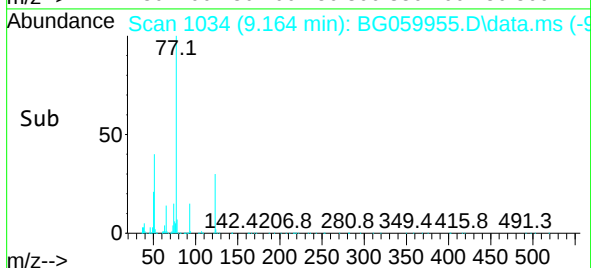
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

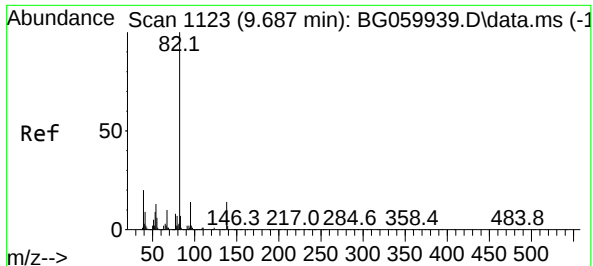


#24
Nitrobenzene
Concen: 38.219 ng
RT: 9.164 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



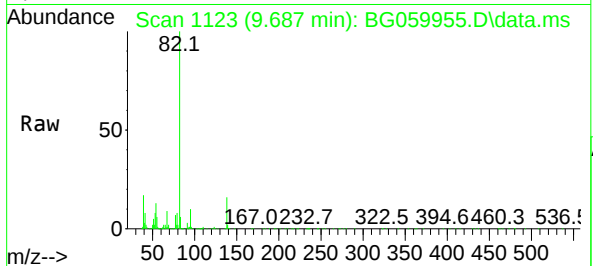
Tgt Ion: 77 Resp: 365315
Ion Ratio Lower Upper
77 100
123 30.2 22.7 34.1
65 14.5 10.6 16.0





#25
Isophorone
Concen: 38.426 ng
RT: 9.687 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

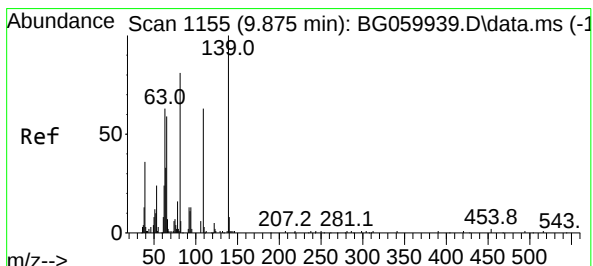
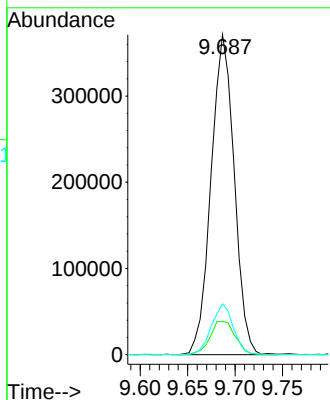
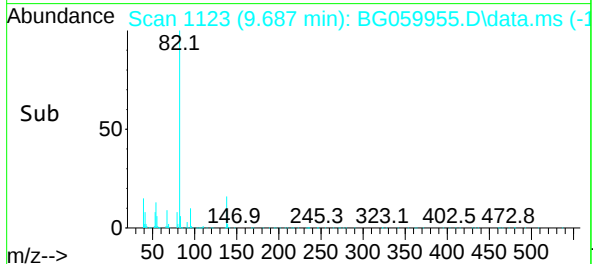
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



Tgt Ion: 82 Resp: 631085
Ion Ratio Lower Upper
82 100
95 10.5 11.2 16.8
138 15.9 11.0 16.4

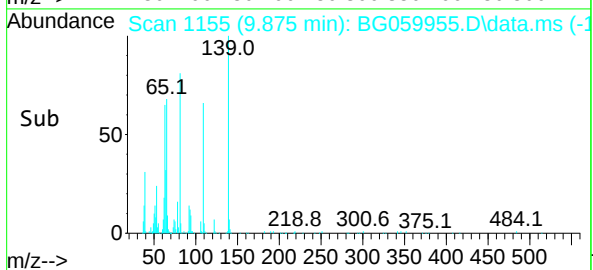
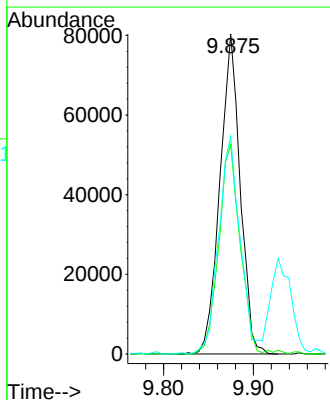
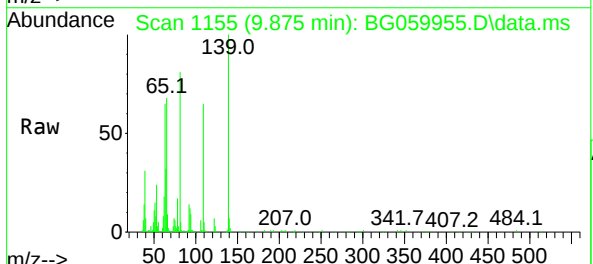
Manual Integrations
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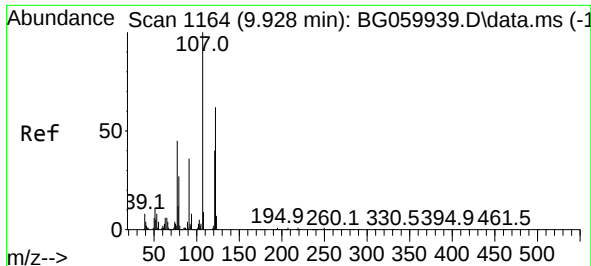
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#26
2-Nitrophenol
Concen: 41.384 ng
RT: 9.875 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:139 Resp: 125792
Ion Ratio Lower Upper
139 100
109 65.4 50.2 75.2
65 68.0 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 47.168 ng

RT: 9.933 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion:122 Resp: 19680

Ion Ratio Lower Upper

122 100

107 139.8 126.1 189.1

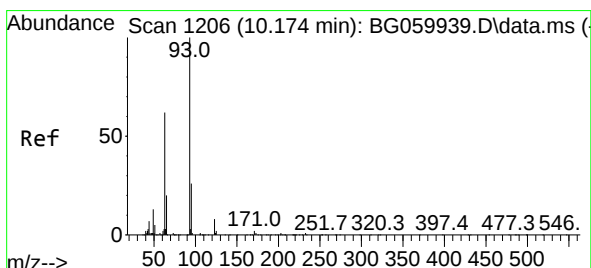
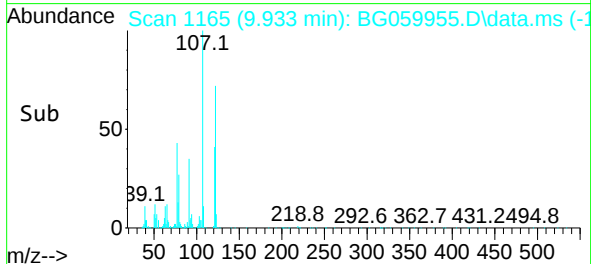
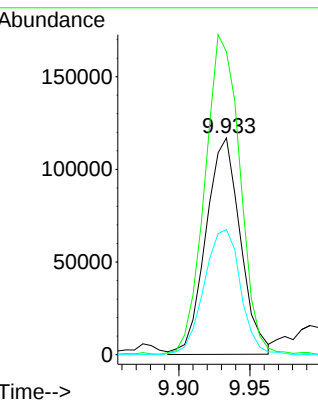
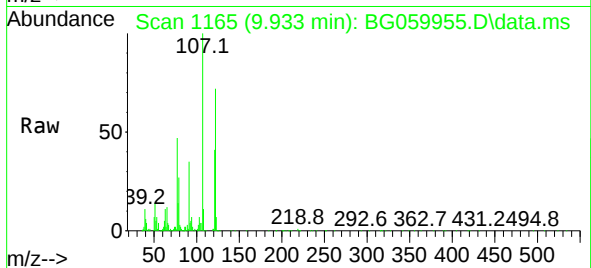
121 57.8 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.628 ng

RT: 10.174 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

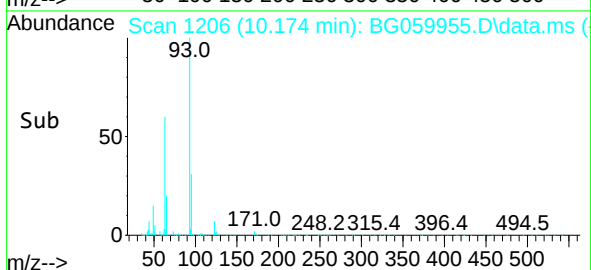
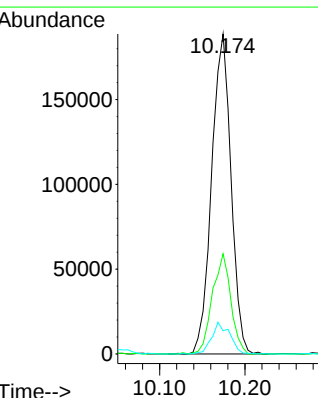
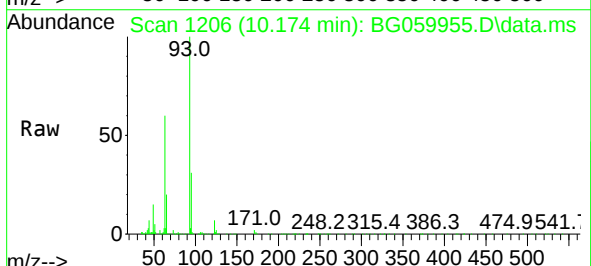
Tgt Ion: 93 Resp: 298051

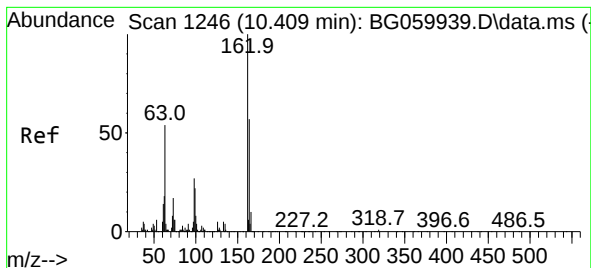
Ion Ratio Lower Upper

93 100

95 31.3 21.0 31.4

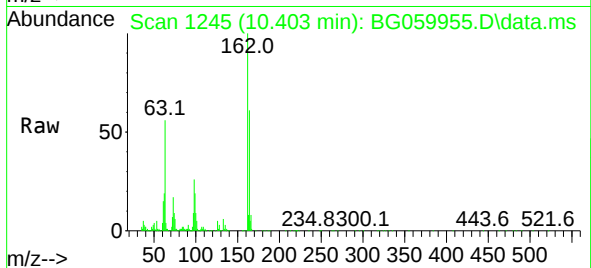
123 7.3 6.7 10.1





#29
2,4-Dichlorophenol
Concen: 45.057 ng
RT: 10.403 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

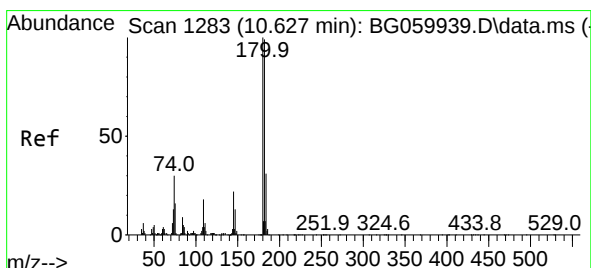
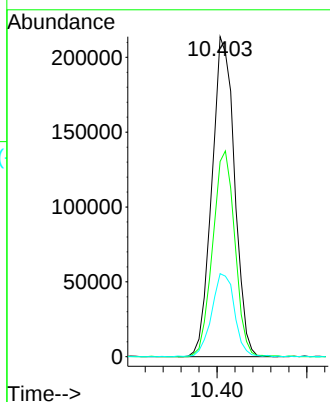
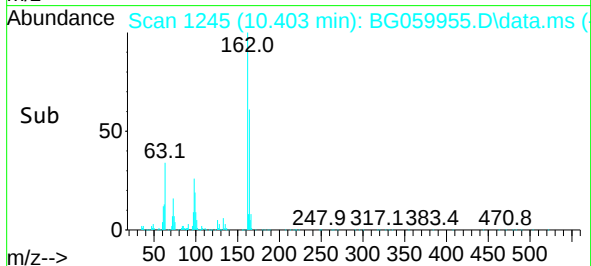
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



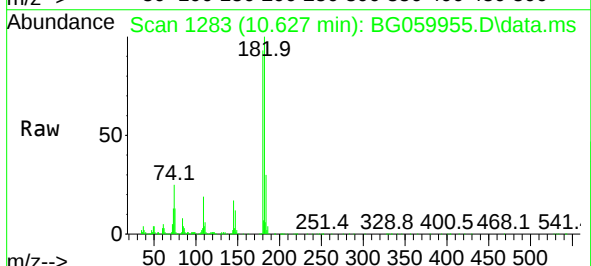
Tgt Ion:162 Resp: 374318
Ion Ratio Lower Upper
162 100
164 61.0 36.7 76.7
98 26.0 7.4 47.4

Manual Integrations
APPROVED

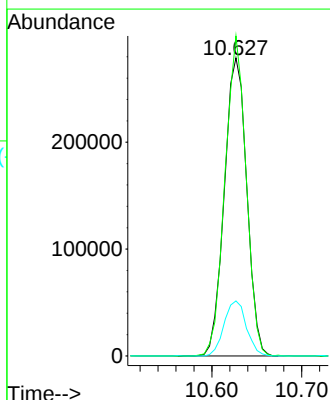
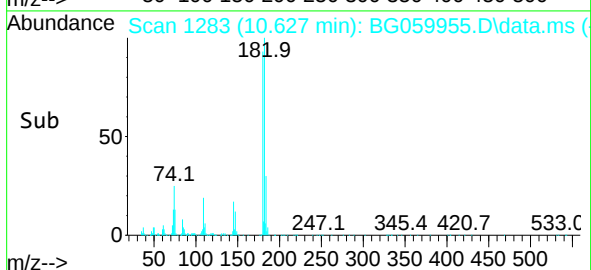
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

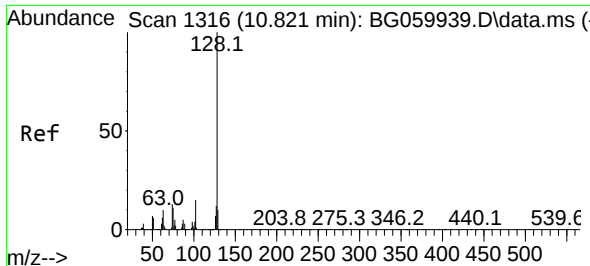


#30
1,2,4-Trichlorobenzene
Concen: 39.952 ng
RT: 10.627 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



Tgt Ion:180 Resp: 483996
Ion Ratio Lower Upper
180 100
182 107.4 79.0 118.6
145 18.5 17.4 26.0





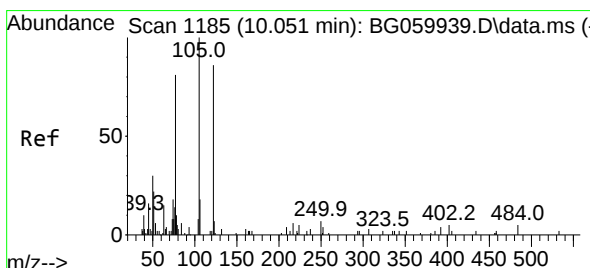
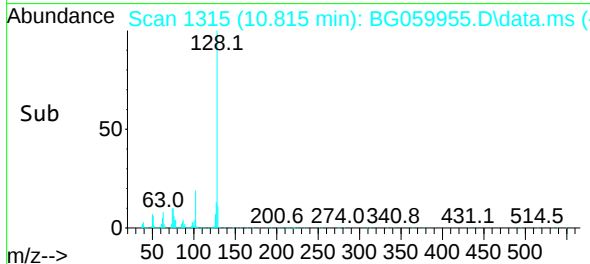
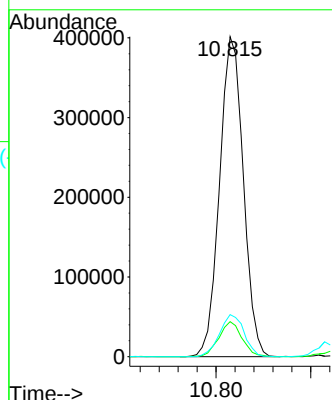
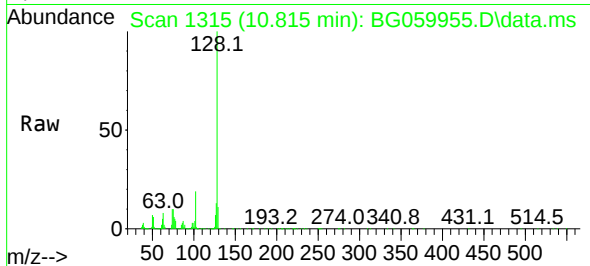
#31
Naphthalene
Concen: 39.757 ng
RT: 10.815 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tgt Ion:128 Resp: 697845
Ion Ratio Lower Upper
128 100
129 10.9 7.6 11.4
127 13.2 9.9 14.9

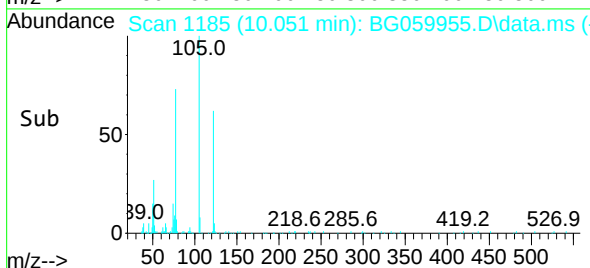
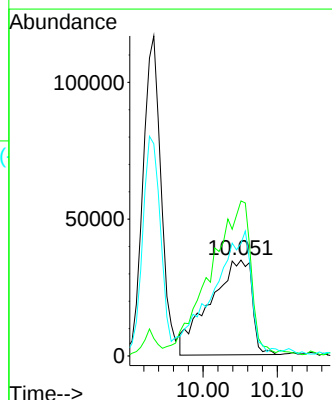
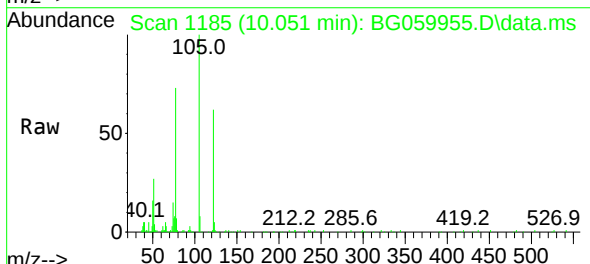
Manual Integrations
APPROVED

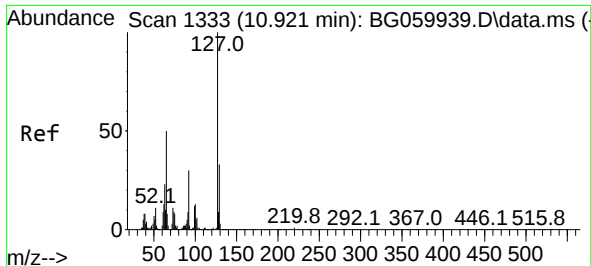
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#32
Benzoic acid
Concen: 34.140 ng
RT: 10.051 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

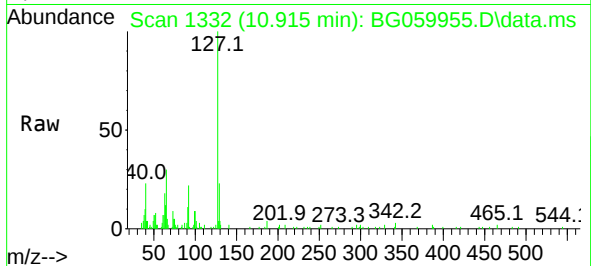
Tgt Ion:122 Resp: 135834
Ion Ratio Lower Upper
122 100
105 161.7 123.9 163.9
77 117.5 94.6 134.6





#33
4-Chloroaniline
Concen: 4.514 ng
RT: 10.915 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

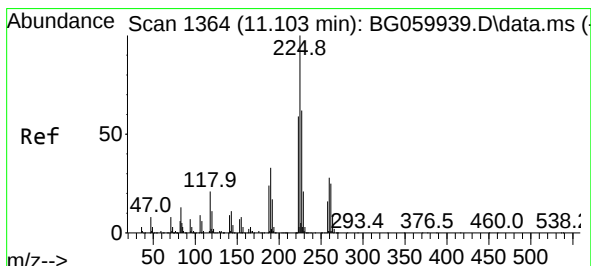
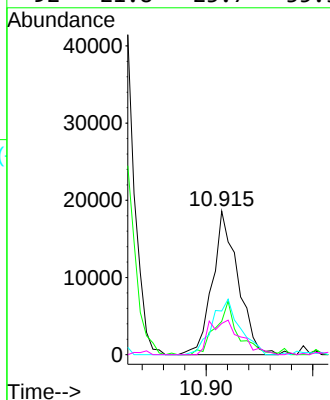
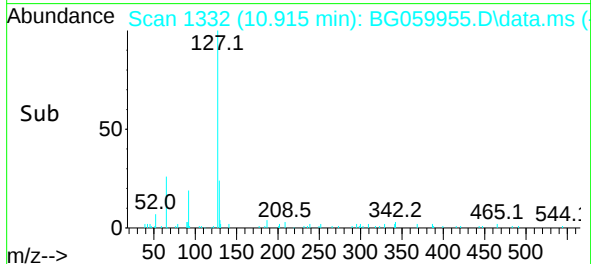
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



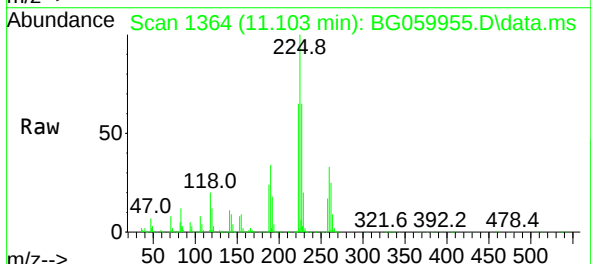
Tgt Ion:127 Resp: 3089
Ion Ratio Lower Upper
127 100
129 23.2 26.6 40.0
65 30.4 40.4 60.6
92 21.8 23.7 35.5#

Manual Integrations
APPROVED

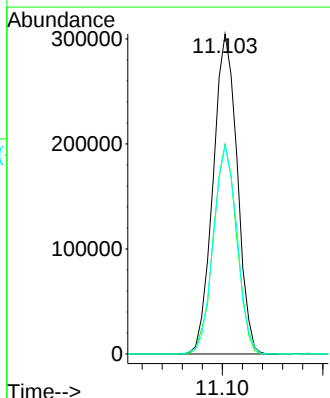
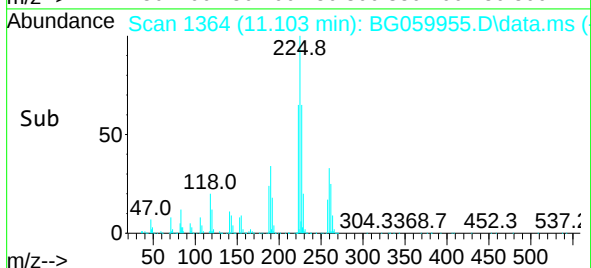
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

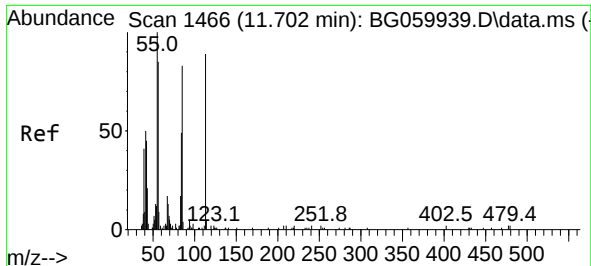


#34
Hexachlorobutadiene
Concen: 37.436 ng
RT: 11.103 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



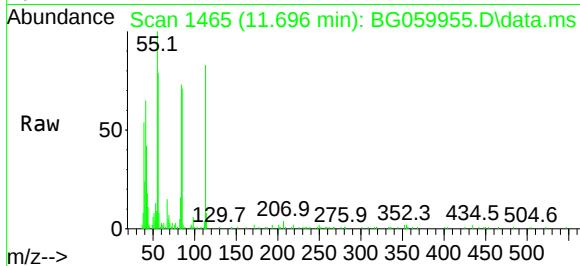
Tgt Ion:225 Resp: 508470
Ion Ratio Lower Upper
225 100
223 67.7 47.0 70.6
227 65.2 50.2 75.4





#35
Caprolactam
Concen: 36.399 ng m
RT: 11.696 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

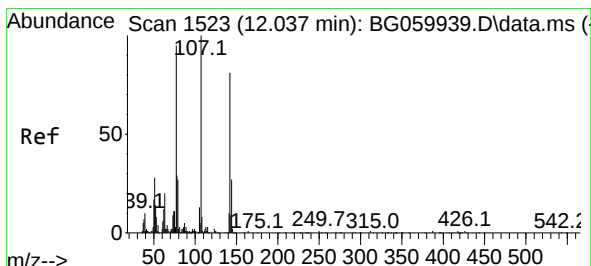
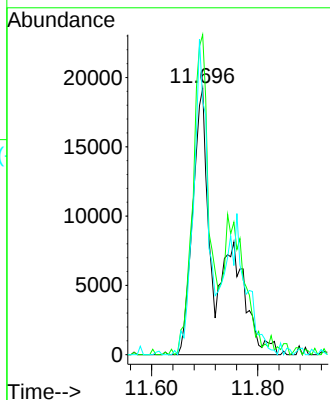
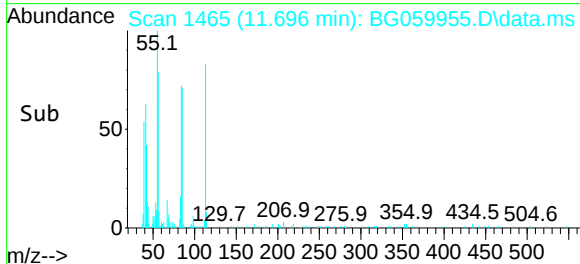
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



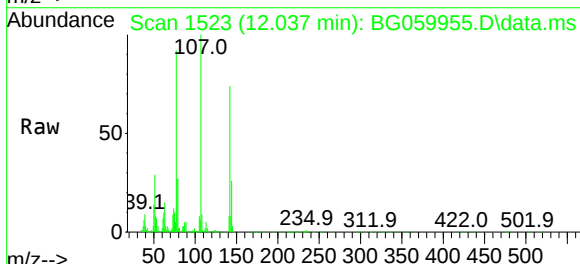
Tgt Ion:113 Resp: 63598
Ion Ratio Lower Upper
113 100
55 120.1 93.5 133.5
56 95.1 74.9 114.9

Manual Integrations
APPROVED

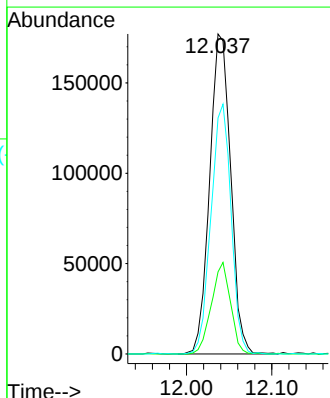
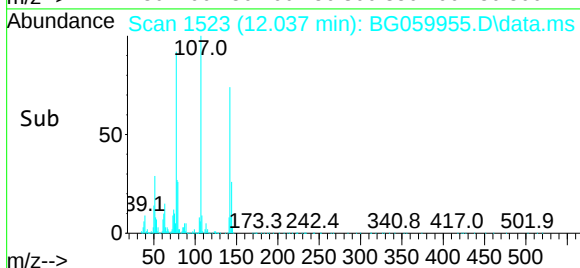
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

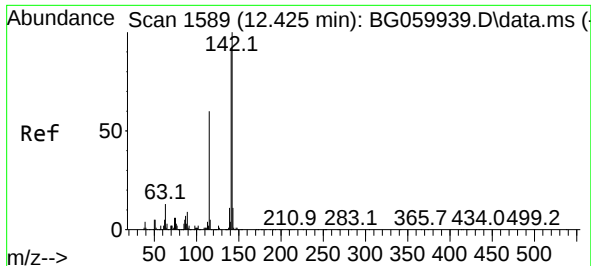


#36
4-Chloro-3-methylphenol
Concen: 44.438 ng
RT: 12.037 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



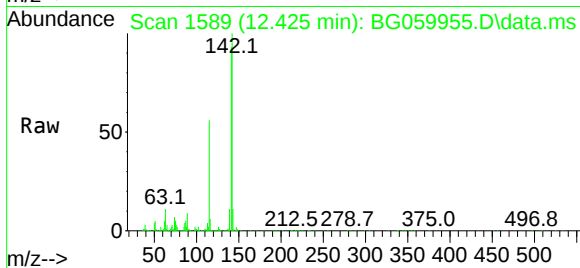
Tgt Ion:107 Resp: 304012
Ion Ratio Lower Upper
107 100
144 25.6 21.6 32.4
142 73.7 64.6 97.0





#37
2-Methylnaphthalene
Concen: 41.233 ng
RT: 12.425 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

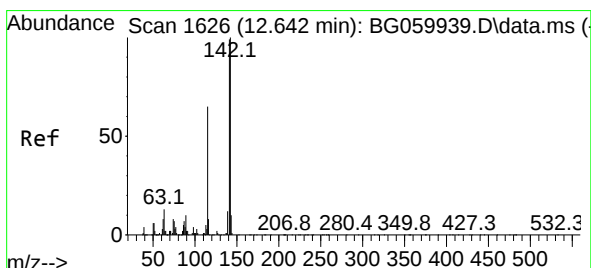
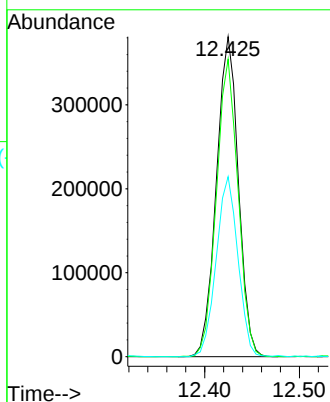
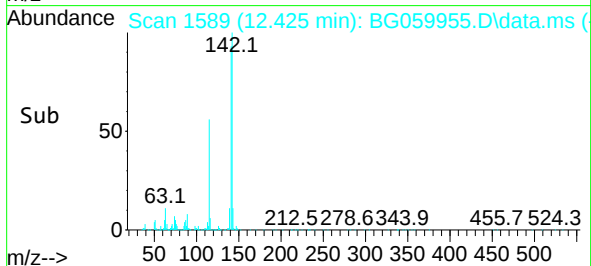
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



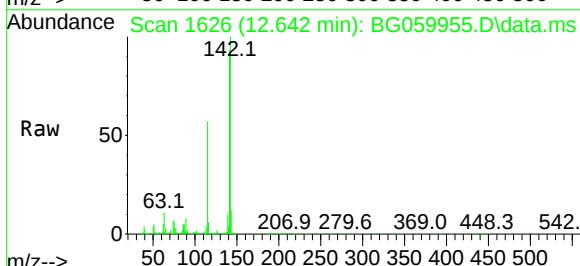
Tgt Ion:142 Resp: 614308
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.2
115 56.3 48.1 72.1

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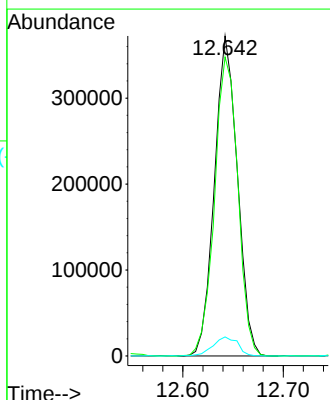
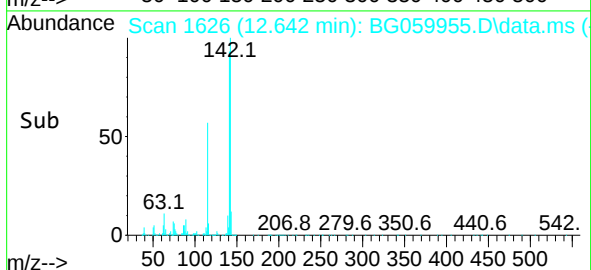
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

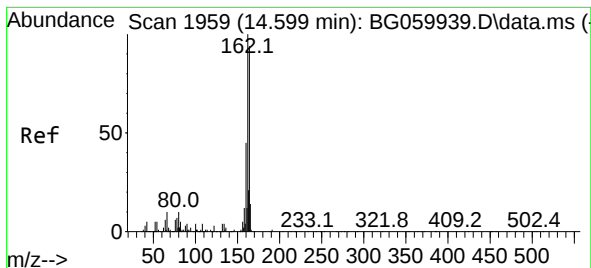


#38
1-Methylnaphthalene
Concen: 40.666 ng
RT: 12.642 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



Tgt Ion:142 Resp: 591683
Ion Ratio Lower Upper
142 100
141 93.4 79.4 119.2
116 6.0 6.2 9.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.599 min Scan# 1959

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion:164 Resp: 33243

Ion Ratio Lower Upper

164 100

162 111.6 85.0 127.6

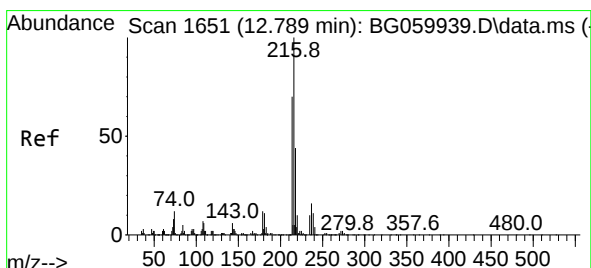
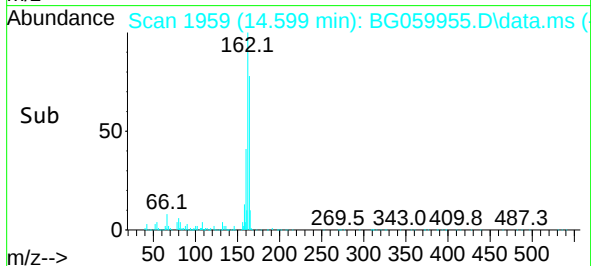
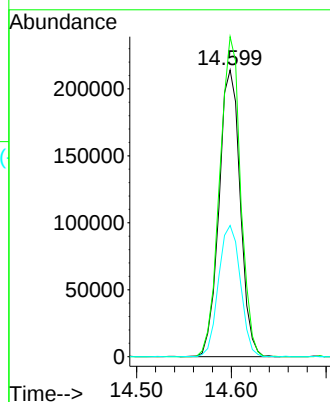
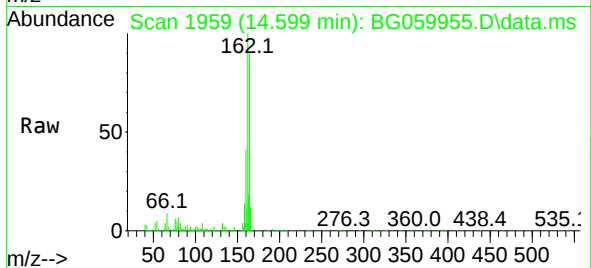
160 45.7 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.098 ng

RT: 12.789 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Tgt Ion:216 Resp: 1046525

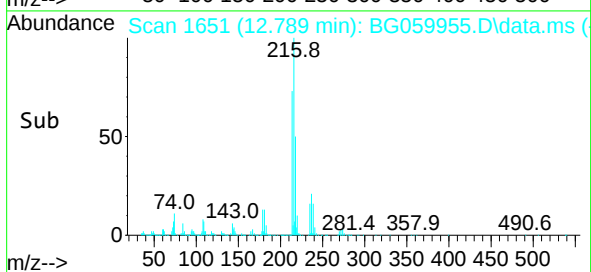
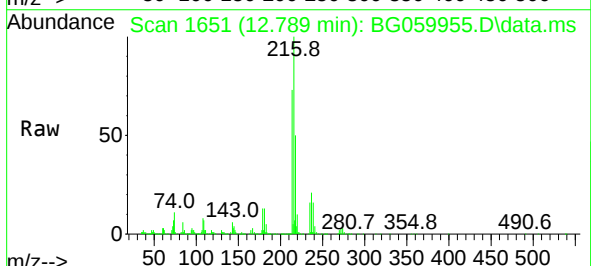
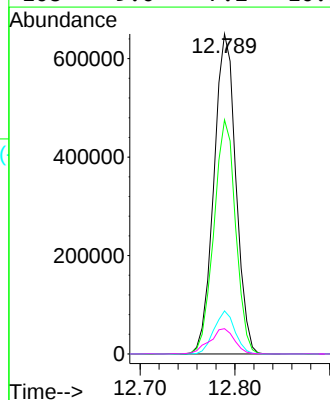
Ion Ratio Lower Upper

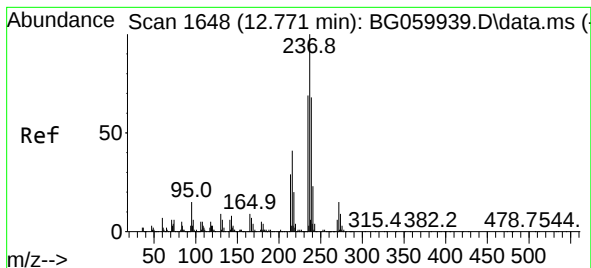
216 100

214 72.3 58.3 87.5

179 12.8 10.2 15.4

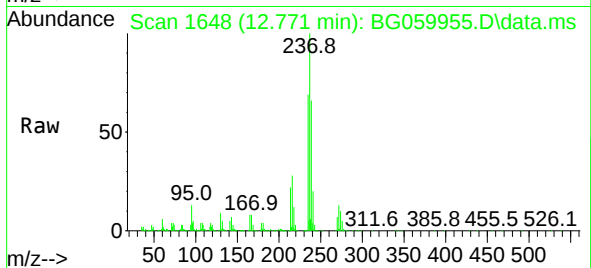
108 9.0 7.2 10.8





#41
Hexachlorocyclopentadiene
Concen: 71.432 ng
RT: 12.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

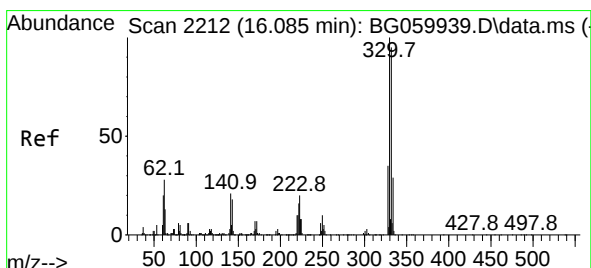
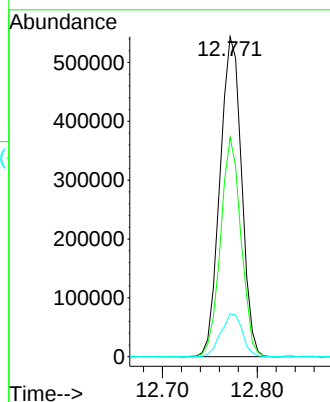
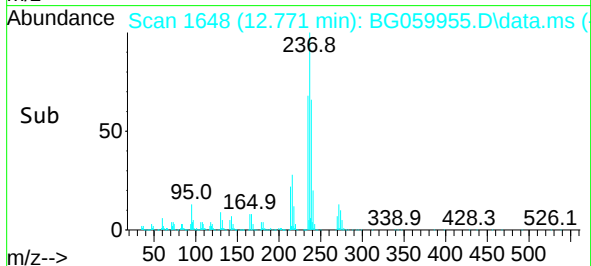
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



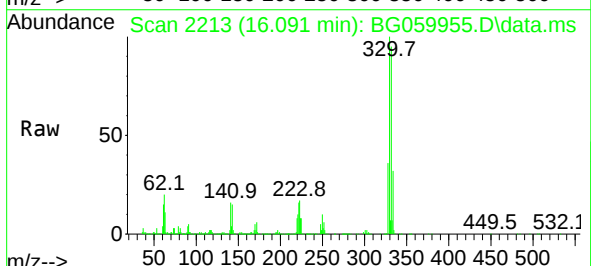
Tgt Ion: 237 Resp: 858964
Ion Ratio Lower Upper
237 100
235 68.6 49.4 89.4
272 13.4 0.0 34.6

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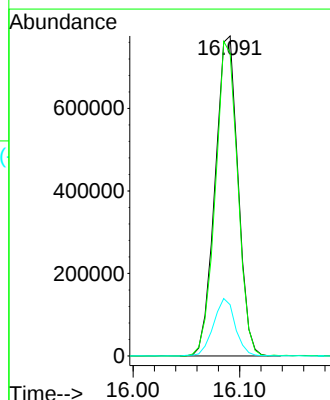
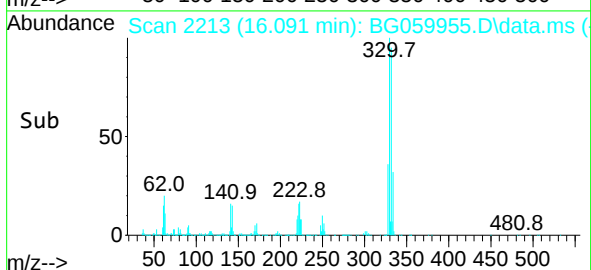
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

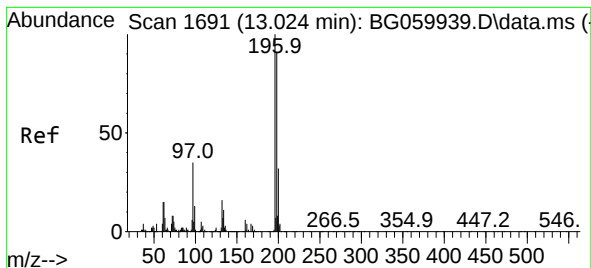


#42
2,4,6-Tribromophenol
Concen: 107.907 ng
RT: 16.091 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



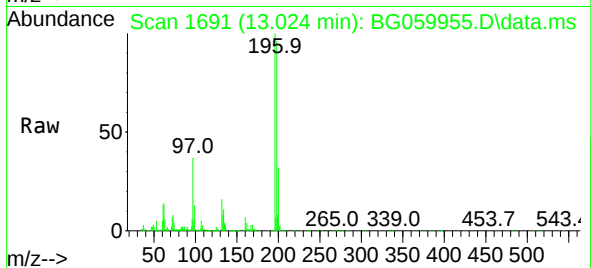
Tgt Ion: 330 Resp: 1154139
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 17.2 15.0 22.6





#43
2,4,6-Trichlorophenol
Concen: 44.868 ng
RT: 13.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

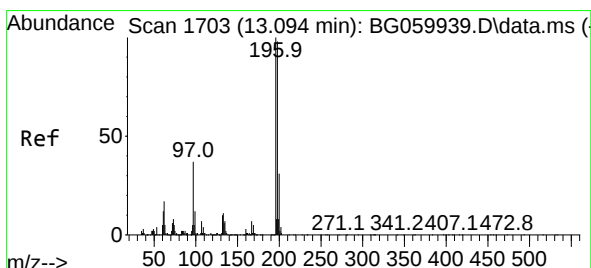
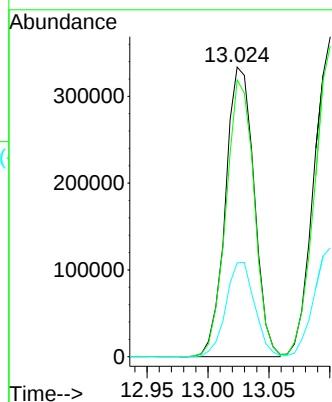
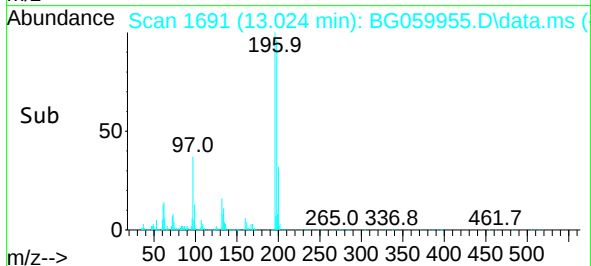
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



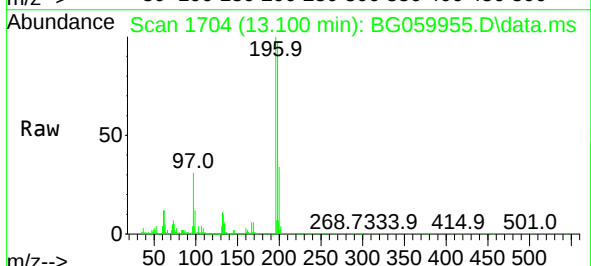
Tgt Ion:196 Resp: 545238
Ion Ratio Lower Upper
196 100
198 95.6 72.6 109.0
200 32.4 25.6 38.4

Manual Integrations
APPROVED

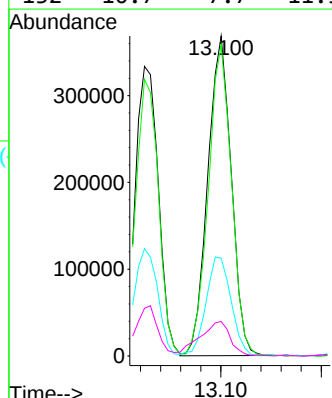
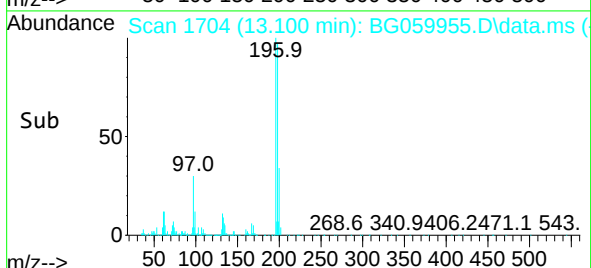
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

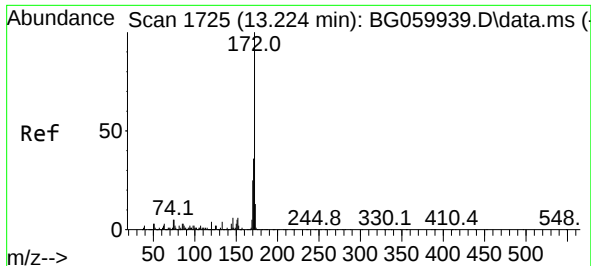


#44
2,4,5-Trichlorophenol
Concen: 44.922 ng
RT: 13.100 min Scan# 1704
Delta R.T. 0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



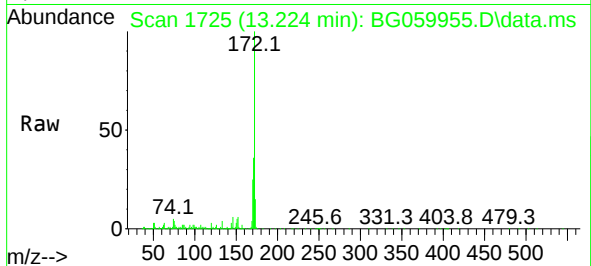
Tgt Ion:196 Resp: 600286
Ion Ratio Lower Upper
196 100
198 97.2 78.3 117.5
97 30.6 30.2 45.4
132 10.7 7.7 11.5





#45
2-Fluorobiphenyl
Concen: 71.687 ng
RT: 13.224 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

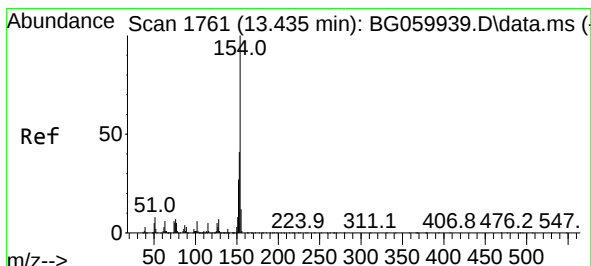
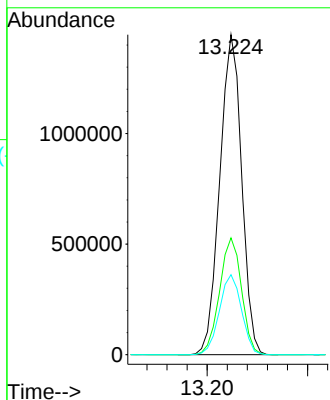
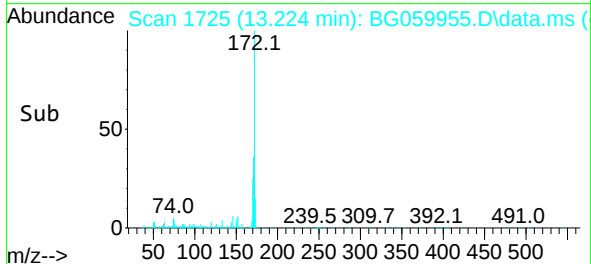
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



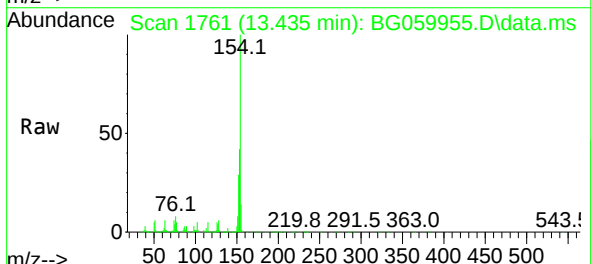
Tgt Ion:172 Resp: 218494
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 25.0 19.8 29.8

Manual Integrations
APPROVED

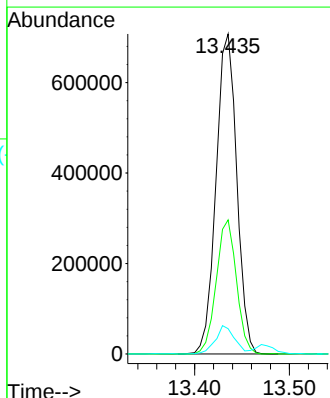
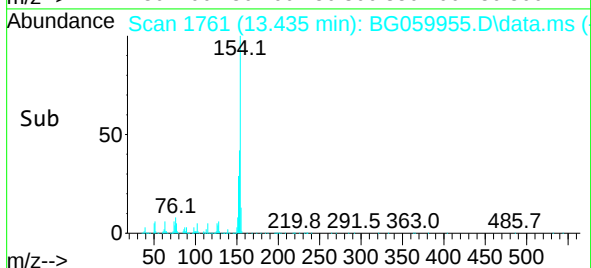
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

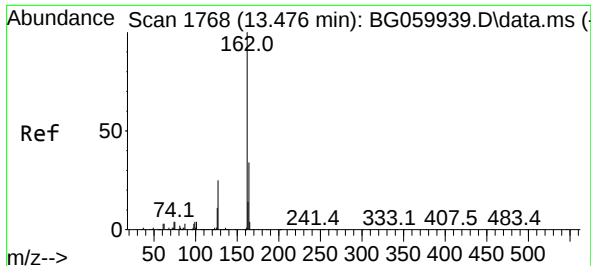


#46
1,1'-Biphenyl
Concen: 44.210 ng
RT: 13.435 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



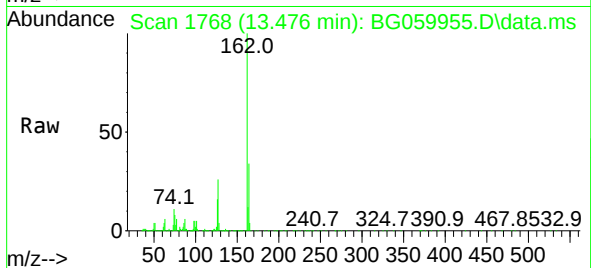
Tgt Ion:154 Resp: 1074053
Ion Ratio Lower Upper
154 100
153 41.9 20.8 60.8
76 7.9 0.0 27.4





#47
2-Chloronaphthalene
Concen: 41.755 ng
RT: 13.476 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

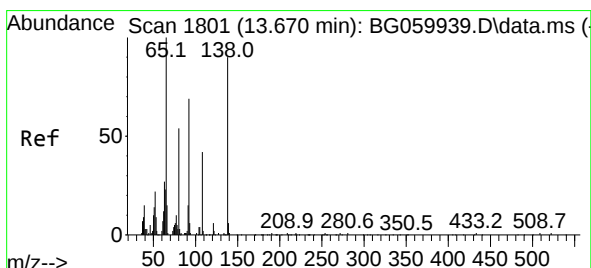
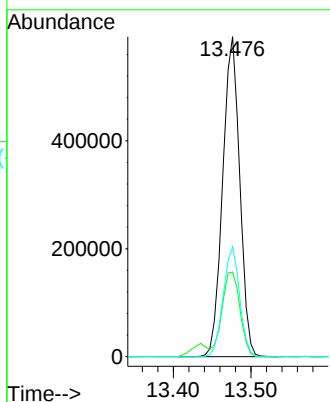
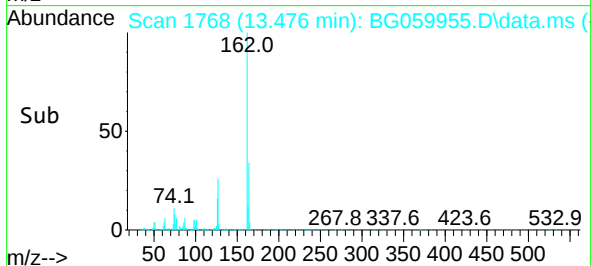
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



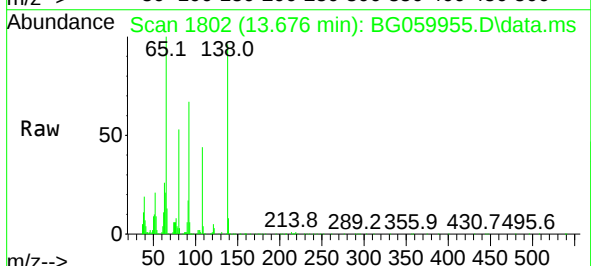
Tgt Ion:162 Resp: 90759
Ion Ratio Lower Upper
162 100
127 26.4 22.6 33.8
164 34.3 27.4 41.0

Manual Integrations
APPROVED

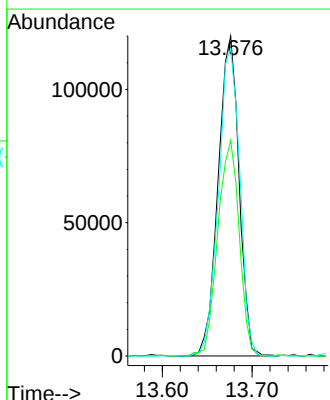
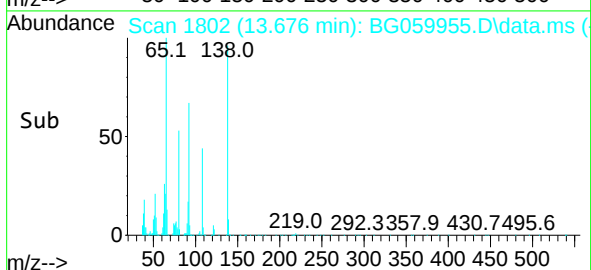
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

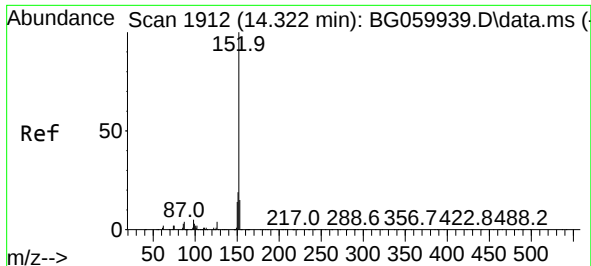


#48
2-Nitroaniline
Concen: 47.001 ng
RT: 13.676 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



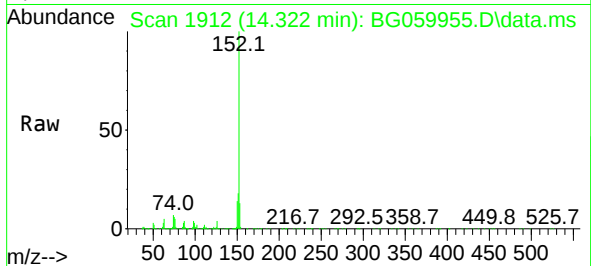
Tgt Ion: 65 Resp: 193646
Ion Ratio Lower Upper
65 100
92 67.3 55.4 83.2
138 96.0 71.8 107.6





#49
Acenaphthylene
Concen: 46.294 ng
RT: 14.322 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

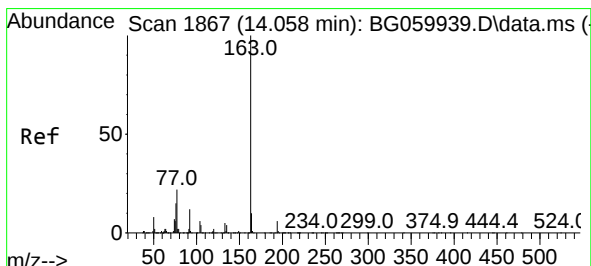
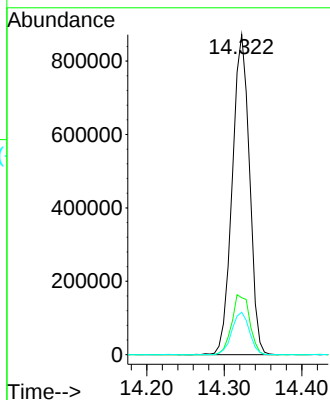
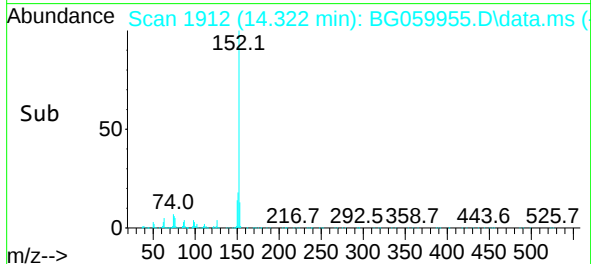
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



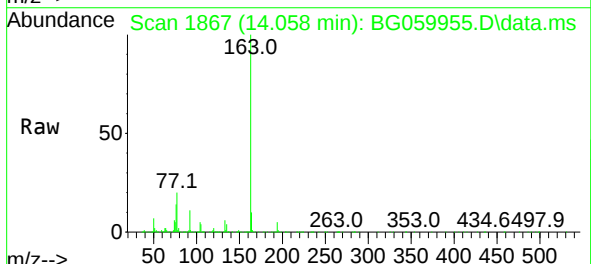
Tgt Ion:152 Resp: 1346729
Ion Ratio Lower Upper
152 100
151 17.8 15.3 22.9
153 13.3 11.7 17.5

Manual Integrations
APPROVED

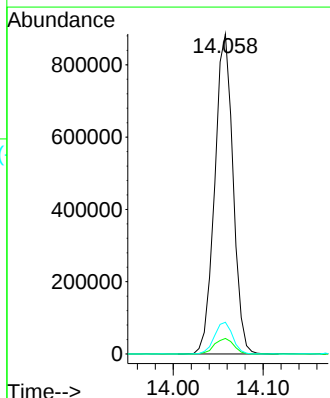
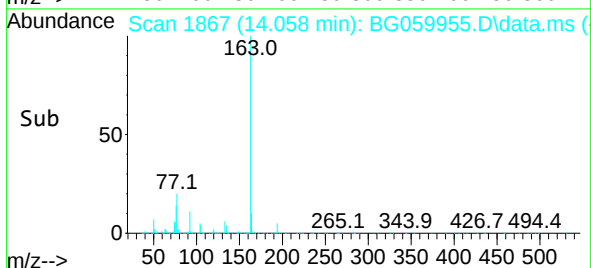
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

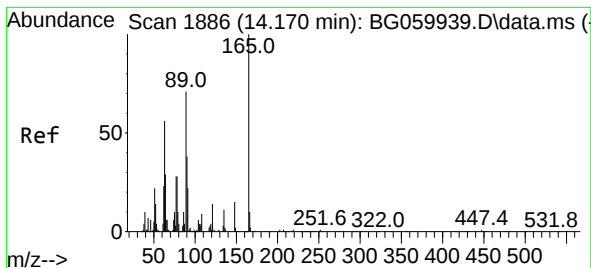


#50
Dimethylphthalate
Concen: 44.210 ng
RT: 14.058 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



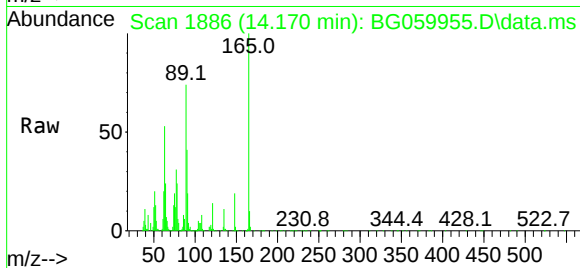
Tgt Ion:163 Resp: 1251096
Ion Ratio Lower Upper
163 100
194 4.9 4.6 7.0
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 41.203 ng
RT: 14.170 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

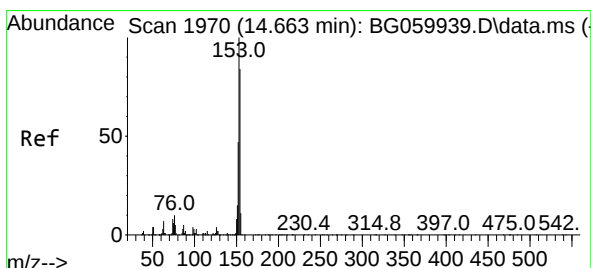
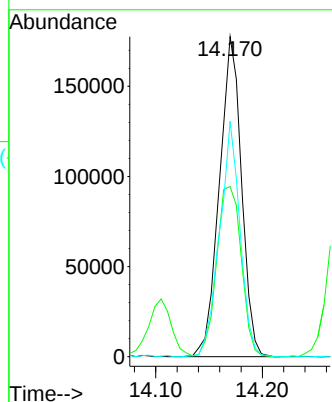
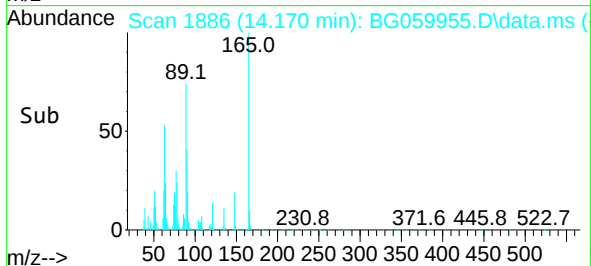
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



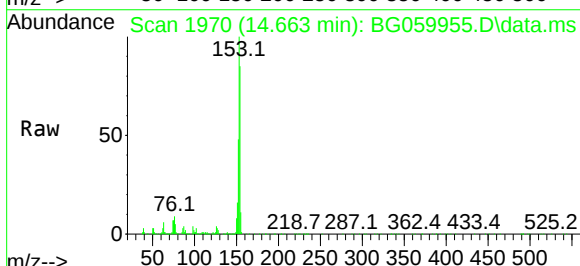
Tgt Ion:165 Resp: 255464
Ion Ratio Lower Upper
165 100
63 53.2 47.2 70.8
89 73.5 57.1 85.7

Manual Integrations
APPROVED

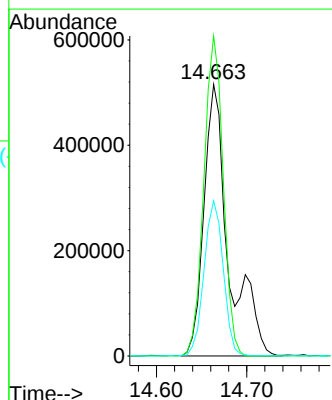
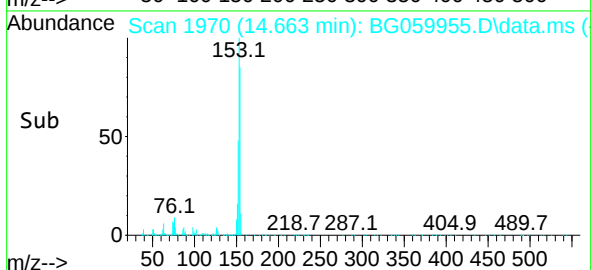
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

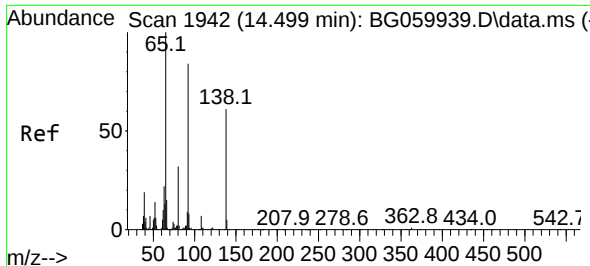


#52
Acenaphthene
Concen: 46.846 ng m
RT: 14.663 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



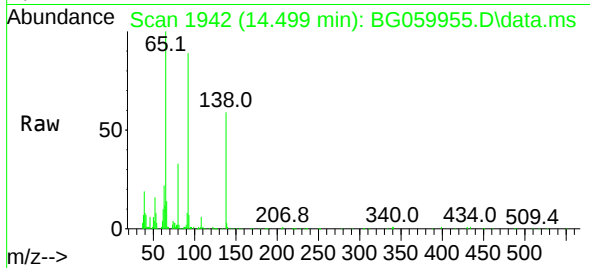
Tgt Ion:154 Resp: 983595
Ion Ratio Lower Upper
154 100
153 117.8 95.8 143.6
152 57.1 45.0 67.4





#53
3-Nitroaniline
Concen: 19.393 ng
RT: 14.499 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

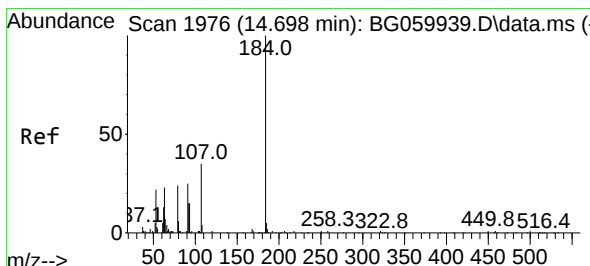
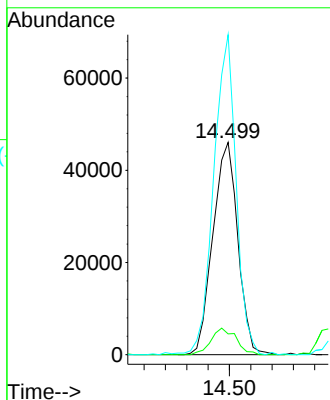
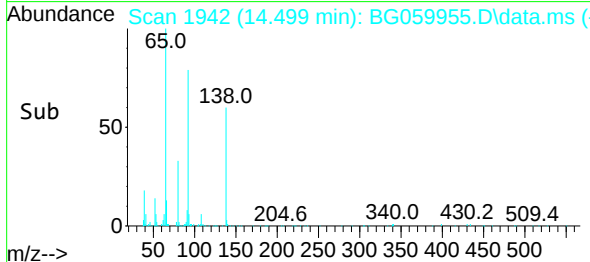
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



Tgt Ion:138 Resp: 74594
Ion Ratio Lower Upper
138 100
108 9.8 9.6 14.4
92 150.7 109.8 164.6

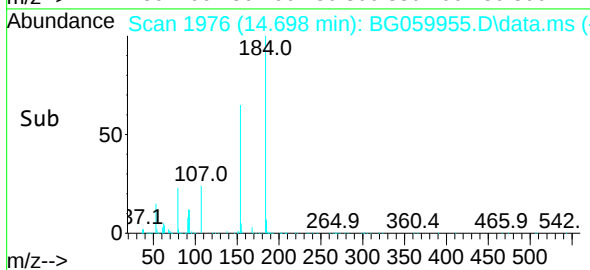
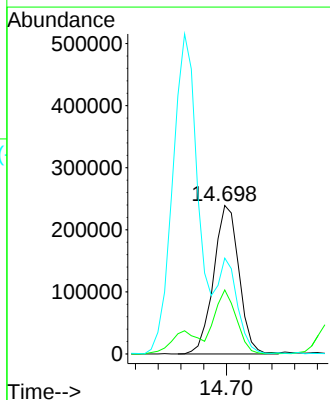
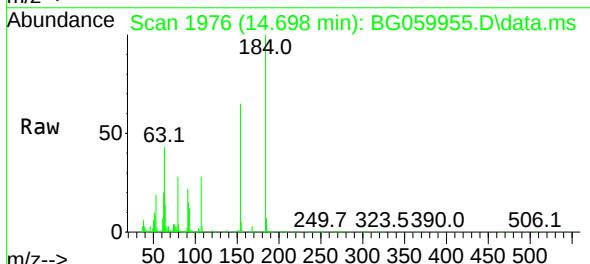
Manual Integrations
APPROVED

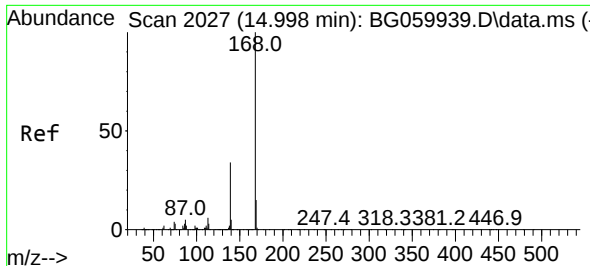
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#54
2,4-Dinitrophenol
Concen: 68.351 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:184 Resp: 369627
Ion Ratio Lower Upper
184 100
63 43.1 38.2 57.4
154 64.5 52.6 78.8





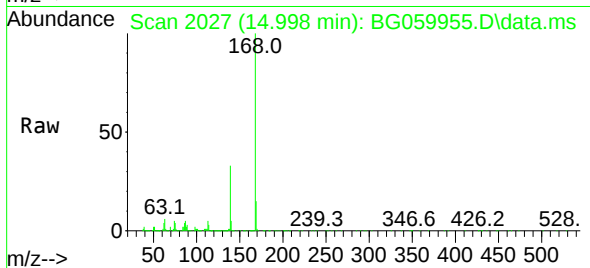
#55
Dibenzenofuran
Concen: 43.912 ng
RT: 14.998 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Instrument :

BNL_G

ClientSampleId :

TP-3MSD



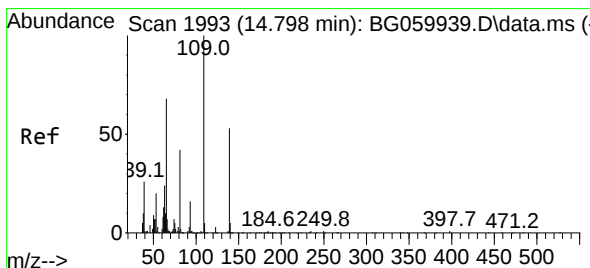
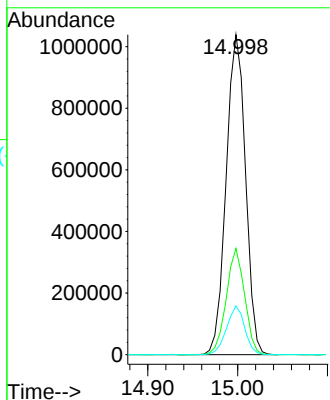
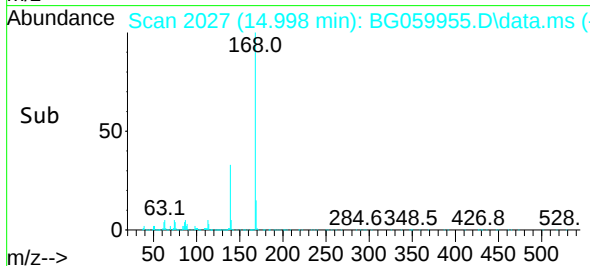
Tgt Ion:168 Resp: 155513
Ion Ratio Lower Upper
168 100
139 33.2 27.0 40.6
169 15.2 11.6 17.4

Manual Integrations

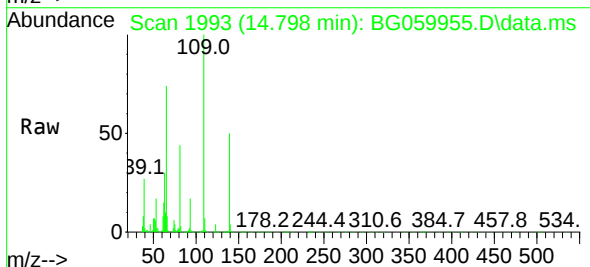
APPROVED

Reviewed By :Yogesh Patel 12/06/2023

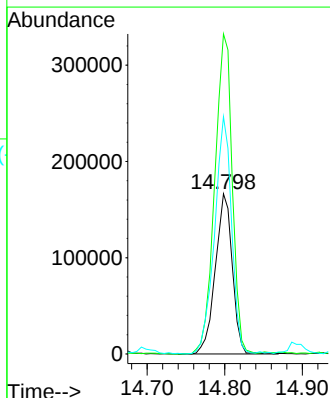
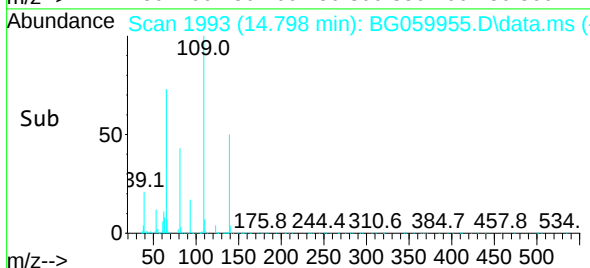
Supervised By :mohammad ahmed 12/06/2023

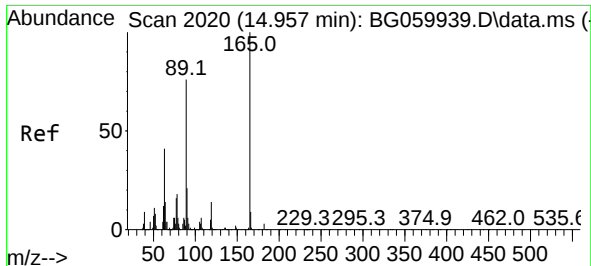


#56
4-Nitrophenol
Concen: 76.023 ng
RT: 14.798 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



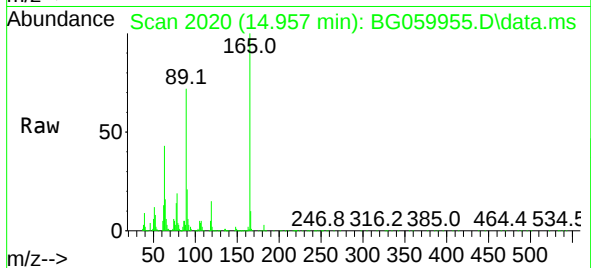
Tgt Ion:139 Resp: 253774
Ion Ratio Lower Upper
139 100
109 199.8 167.9 207.9
65 148.1 108.1 148.1#





#57
2,4-Dinitrotoluene
Concen: 42.543 ng
RT: 14.957 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

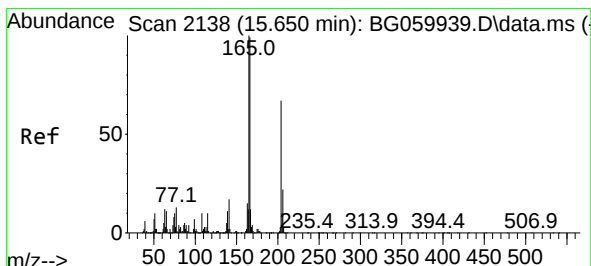
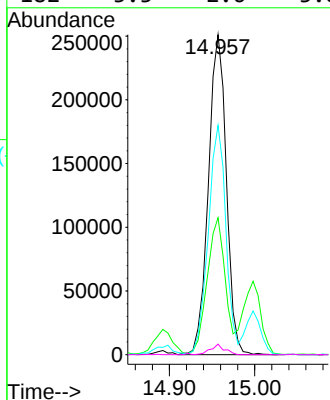
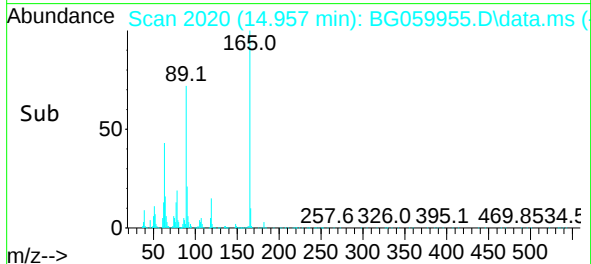
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



Tgt Ion:165 Resp: 36685
Ion Ratio Lower Upper
165 100
63 42.8 32.8 49.2
89 71.7 60.6 90.8
182 3.3 2.6 3.8

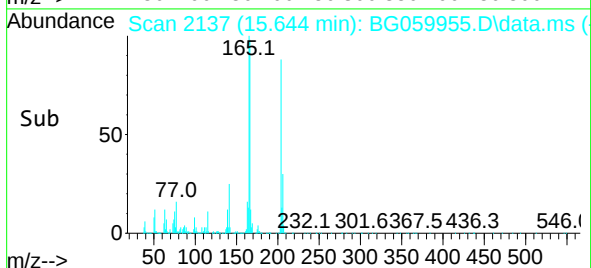
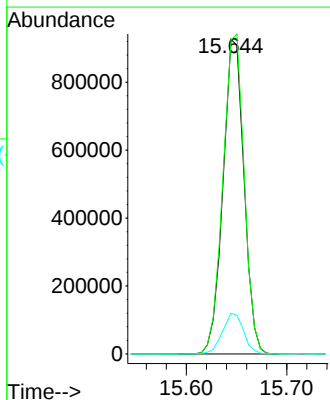
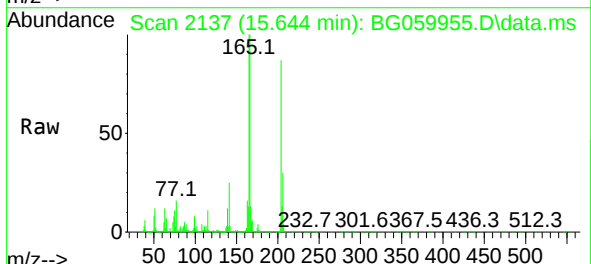
Manual Integrations
APPROVED

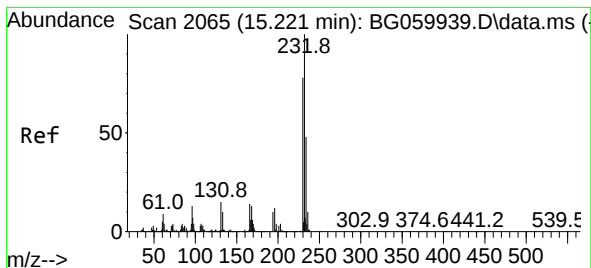
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#58
Fluorene
Concen: 44.715 ng
RT: 15.644 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

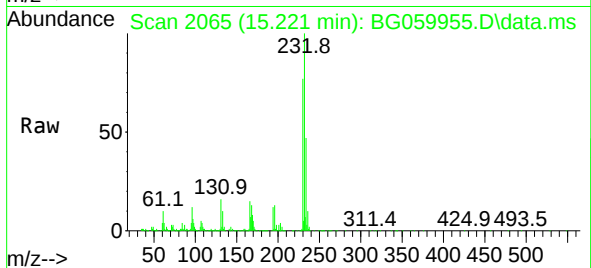
Tgt Ion:166 Resp: 1347593
Ion Ratio Lower Upper
166 100
165 99.8 80.6 121.0
167 13.0 9.9 14.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.068 ng
RT: 15.221 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

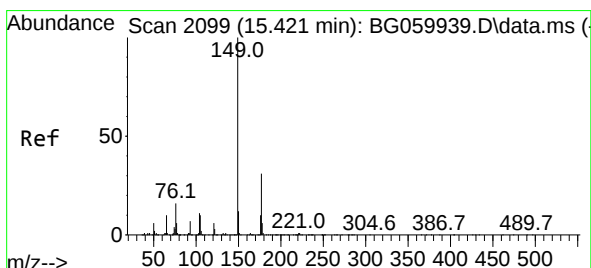
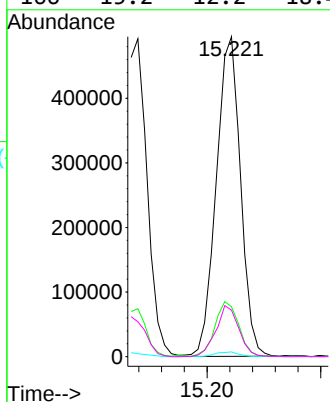
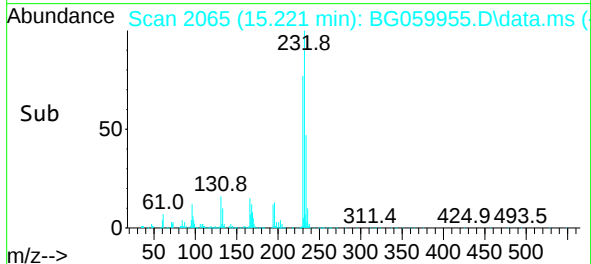
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



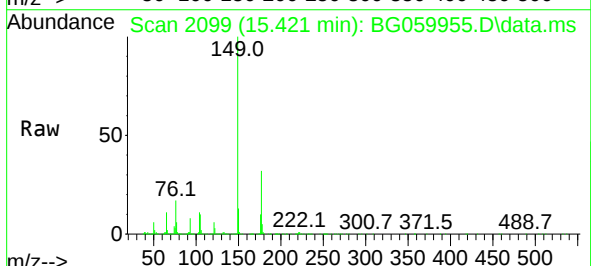
Tgt Ion:232 Resp: 732321
Ion Ratio Lower Upper
232 100
131 16.9 14.8 22.2
130 1.5 1.2 1.8
166 15.2 12.2 18.4

Manual Integrations
APPROVED

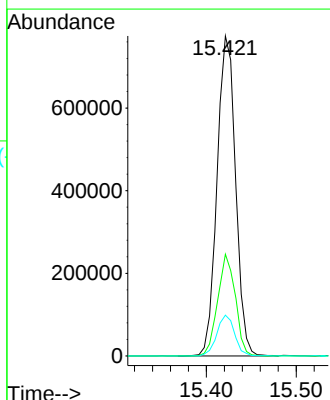
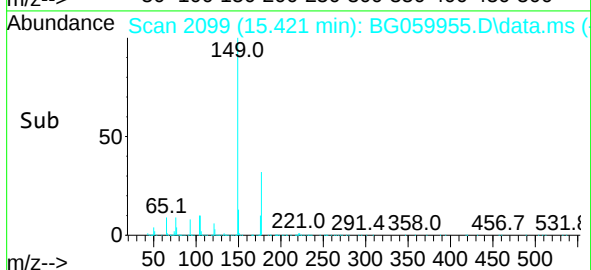
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

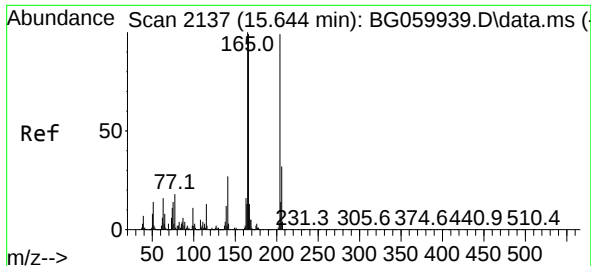


#60
Diethylphthalate
Concen: 44.020 ng
RT: 15.421 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



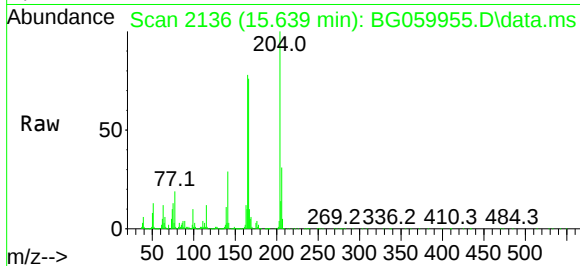
Tgt Ion:149 Resp: 1109545
Ion Ratio Lower Upper
149 100
177 31.8 24.6 37.0
150 12.7 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 43.424 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

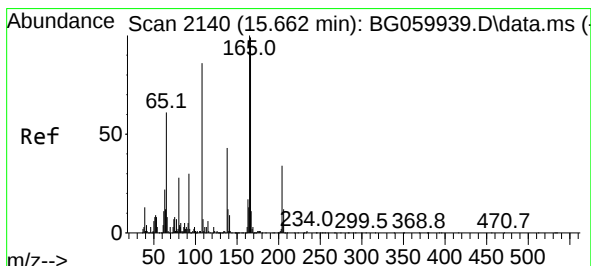
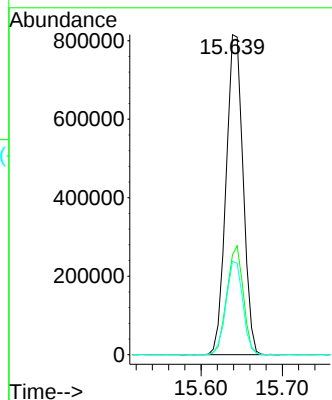
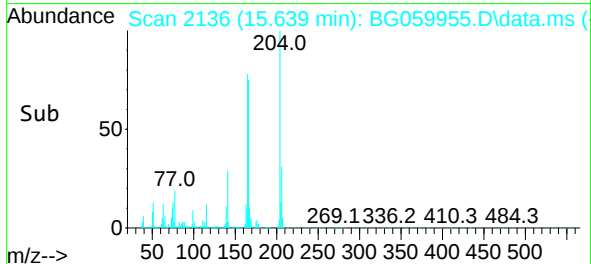
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



Tgt Ion:204 Resp: 1187170
Ion Ratio Lower Upper
204 100
206 31.3 25.8 38.8
141 29.2 21.4 32.2

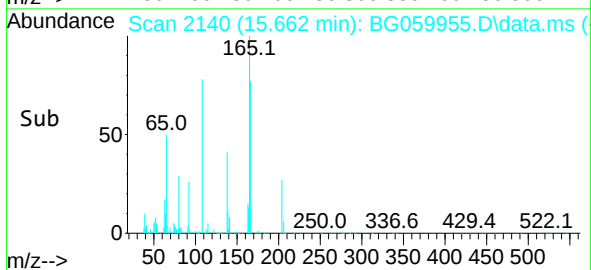
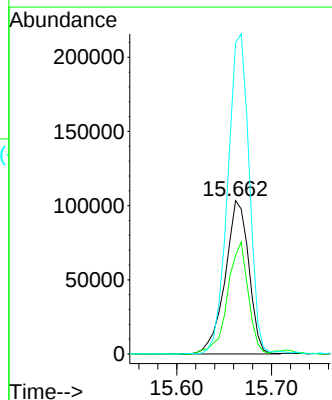
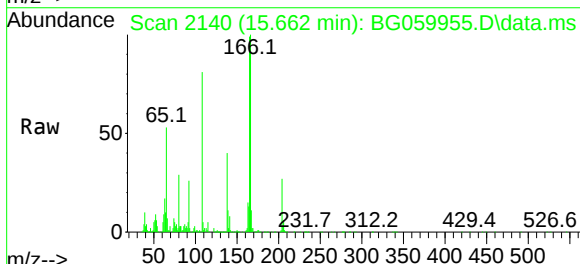
Manual Integrations
APPROVED

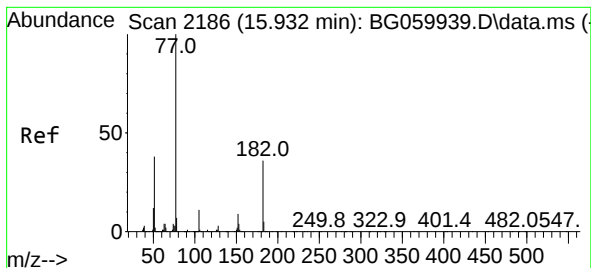
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#62
4-Nitroaniline
Concen: 40.435 ng
RT: 15.662 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

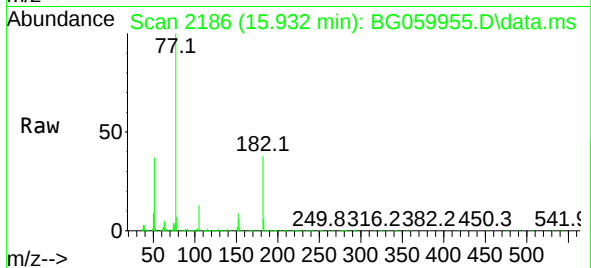
Tgt Ion:138 Resp: 179023
Ion Ratio Lower Upper
138 100
92 64.3 50.8 90.8
108 202.9 181.0 221.0





#63
Azobenzene
Concen: 40.282 ng
RT: 15.932 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

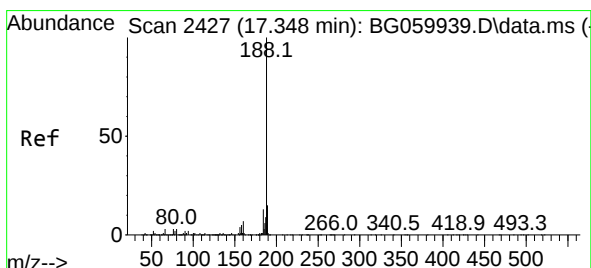
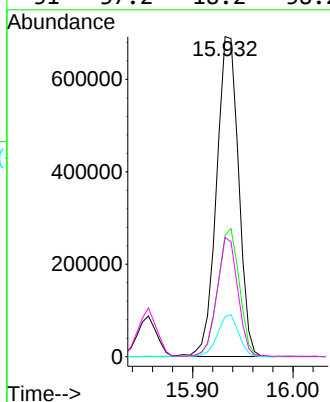
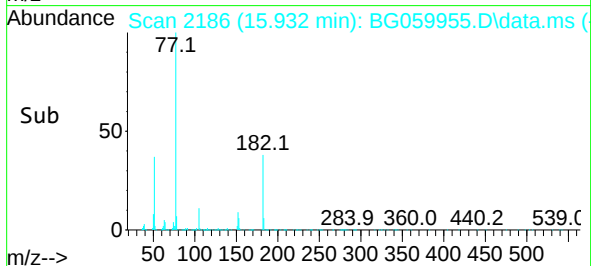
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



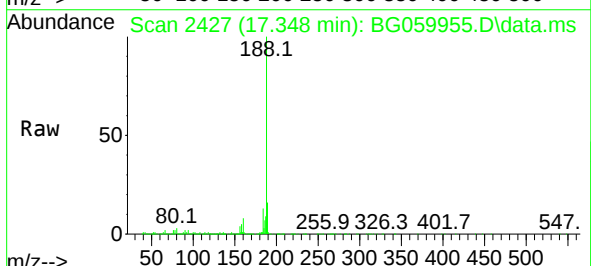
Tgt Ion: 77 Resp: 1053294
Ion Ratio Lower Upper
77 100
182 38.0 15.7 55.7
105 12.6 0.0 31.5
51 37.2 18.2 58.2

Manual Integrations
APPROVED

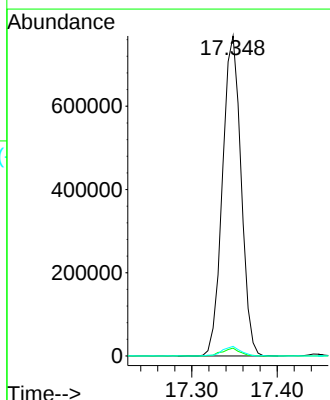
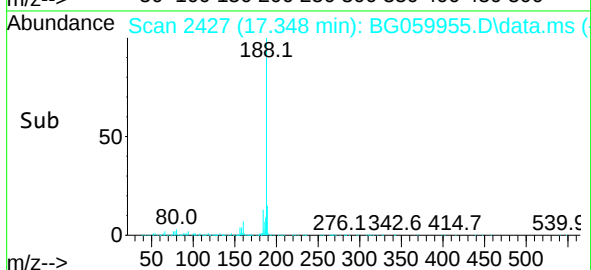
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

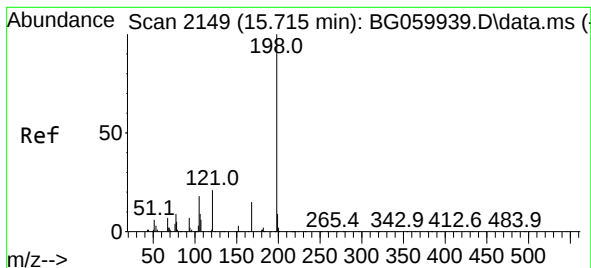


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



Tgt Ion:188 Resp: 1161575
Ion Ratio Lower Upper
188 100
94 2.4 1.8 2.6
80 3.0 2.2 3.4





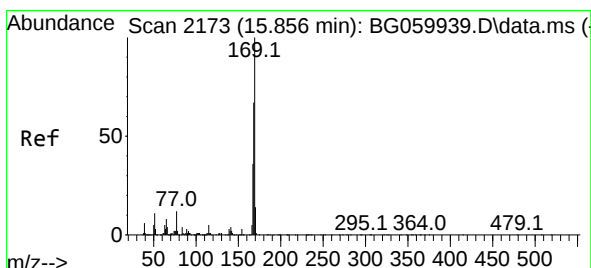
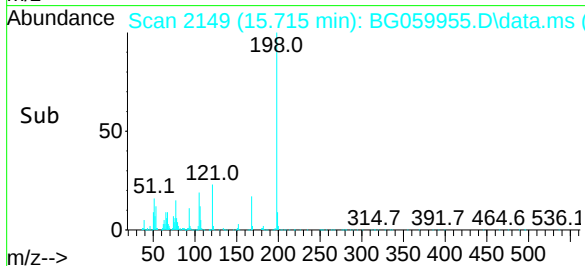
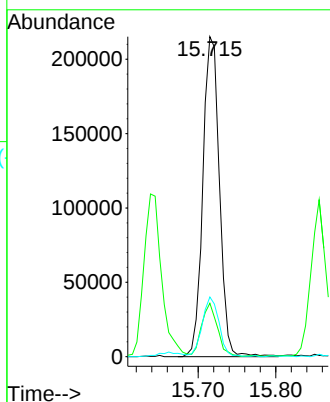
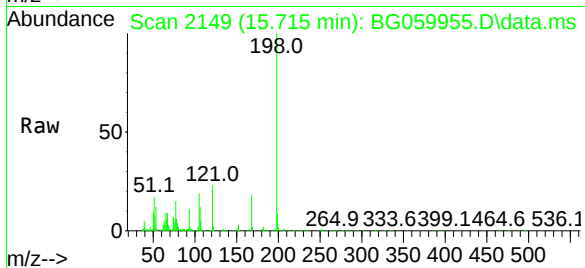
#65
4,6-Dinitro-2-methylphenol
Concen: 36.021 ng
RT: 15.715 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Instrument :
BNA_G
ClientSampleId :
TP-3MSD

Tgt Ion:198 Resp: 319894
Ion Ratio Lower Upper
198 100
51 16.7 0.0 34.4
105 18.7 0.0 39.0

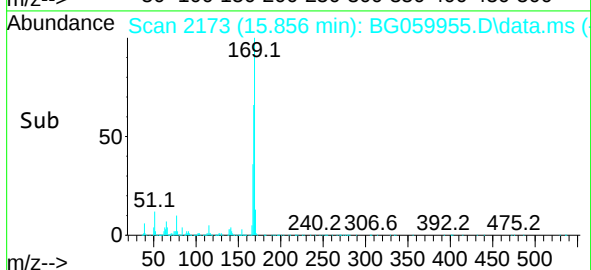
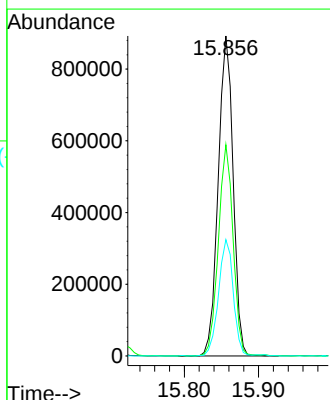
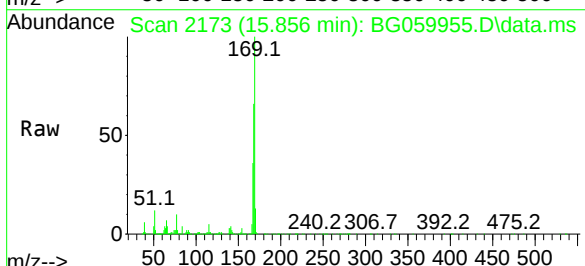
Manual Integrations
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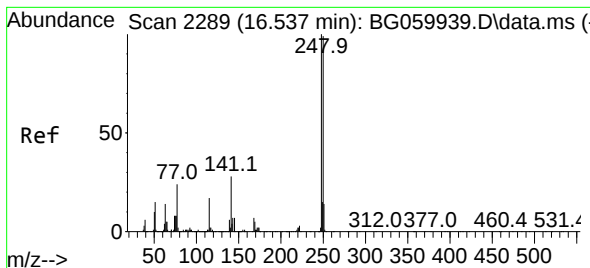
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#66
n-Nitrosodiphenylamine
Concen: 46.834 ng
RT: 15.856 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

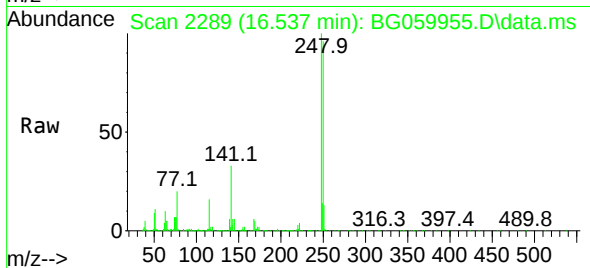
Tgt Ion:169 Resp: 1246140
Ion Ratio Lower Upper
169 100
168 66.0 53.5 80.3
167 36.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 39.698 ng
RT: 16.537 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

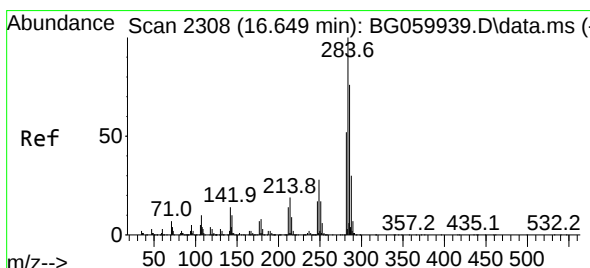
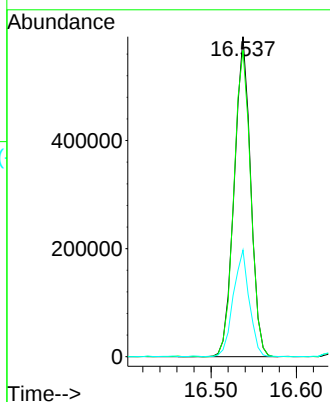
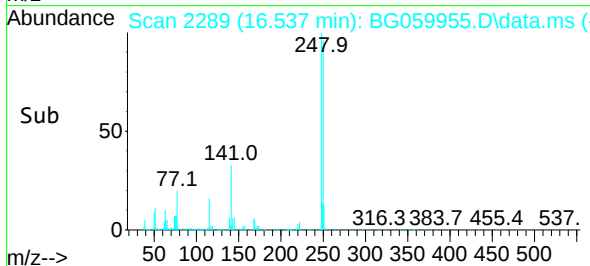
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



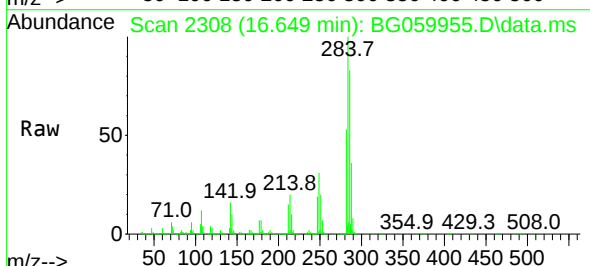
Tgt Ion:248 Resp: 790030
Ion Ratio Lower Upper
248 100
250 95.7 79.0 118.4
141 33.3 22.3 33.5

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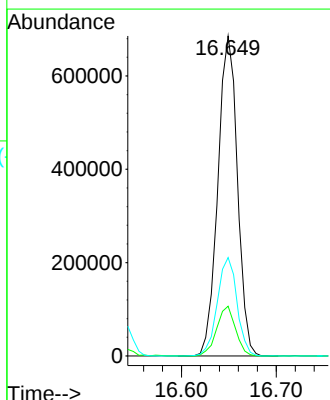
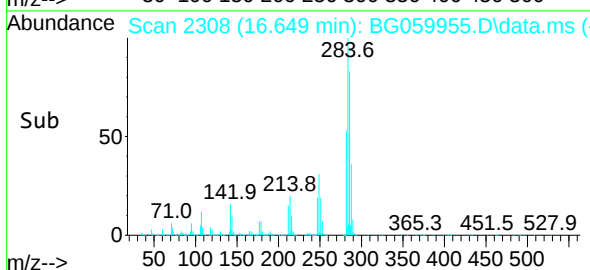
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

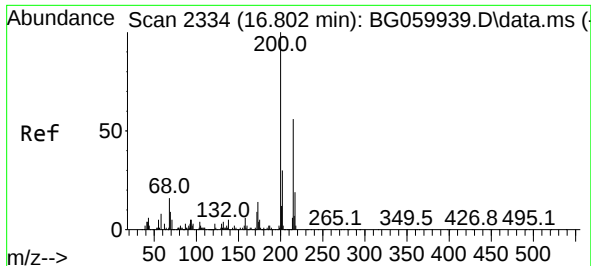


#68
Hexachlorobenzene
Concen: 44.525 ng
RT: 16.649 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



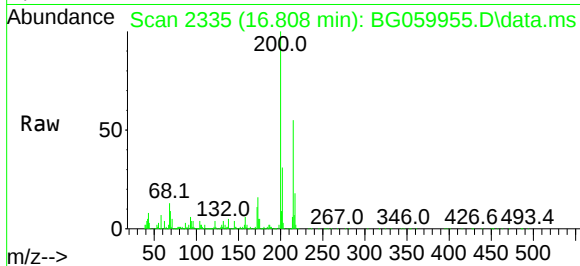
Tgt Ion:284 Resp: 984521
Ion Ratio Lower Upper
284 100
142 15.5 11.4 17.0
249 30.7 24.2 36.2





#69
Atrazine
Concen: 55.101 ng
RT: 16.808 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

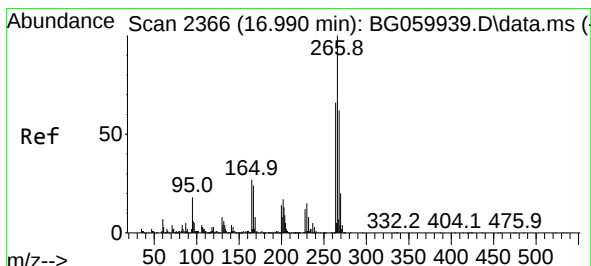
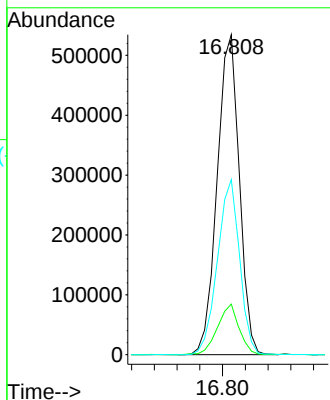
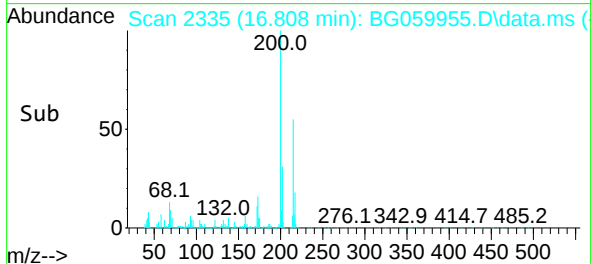
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



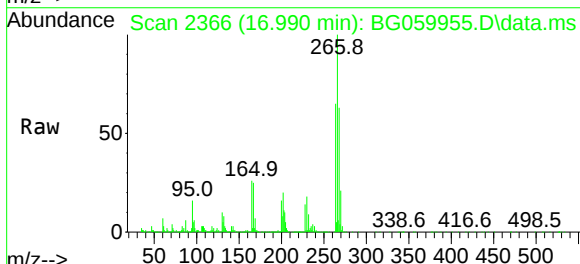
Tgt Ion:200 Resp: 723400
Ion Ratio Lower Upper
200 100
173 15.8 0.0 34.0
215 54.7 36.5 76.5

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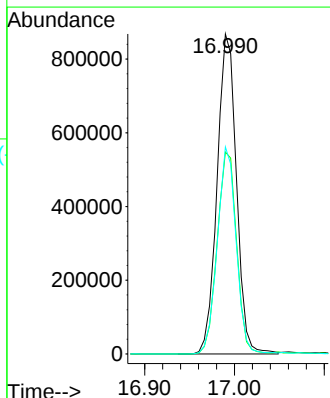
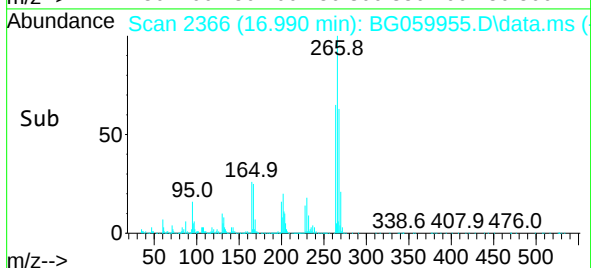
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

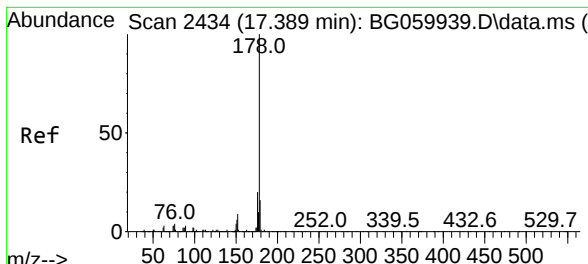


#70
Pentachlorophenol
Concen: 81.036 ng
RT: 16.990 min Scan# 2366
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



Tgt Ion:266 Resp: 1298443
Ion Ratio Lower Upper
266 100
268 63.1 49.3 73.9
264 64.7 53.2 79.8





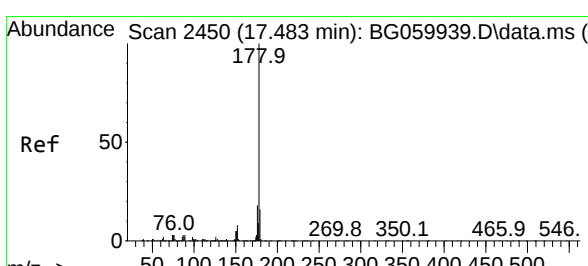
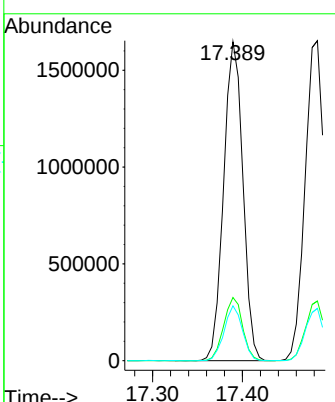
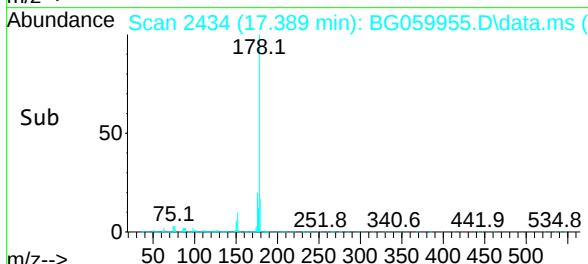
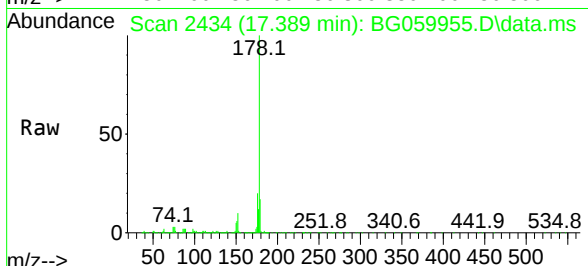
#71
 Phenanthrene
 Concen: 44.655 ng
 RT: 17.389 min Scan# 2434
 Delta R.T. 0.000 min
 Lab File: BG059955.D
 Acq: 5 Dec 2023 18:48

Instrument : BNA_G
 ClientSampleId : TP-3MSD

Tgt Ion:178 Resp: 244926

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	17.2	12.6	19.0

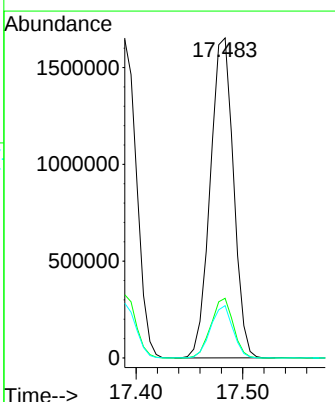
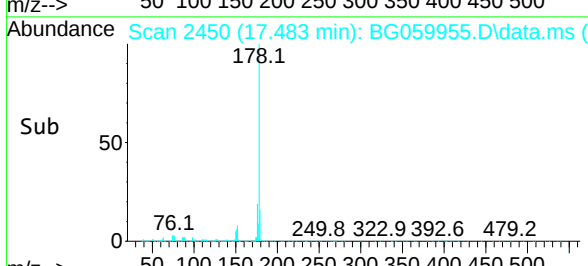
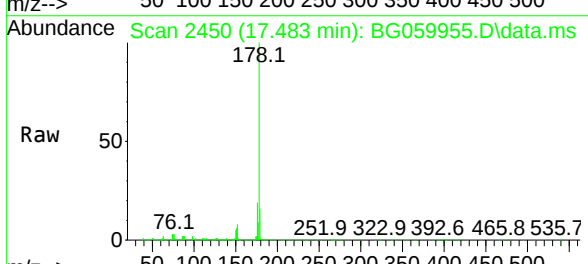
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/06/2023

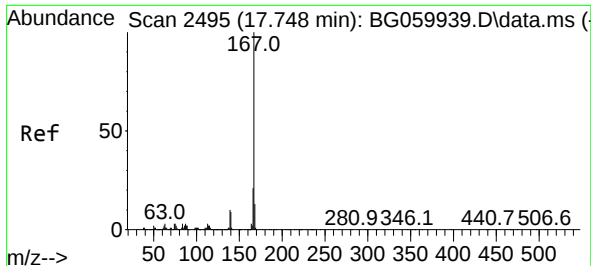


#72
 Anthracene
 Concen: 44.556 ng
 RT: 17.483 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BG059955.D
 Acq: 5 Dec 2023 18:48

Tgt Ion:178 Resp: 2497980

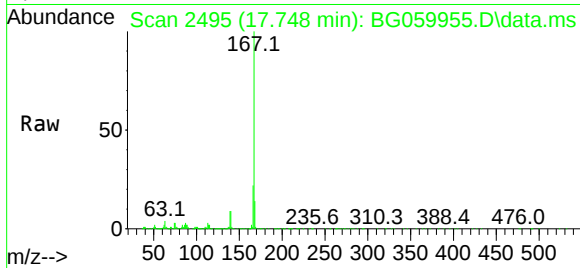
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	16.4	13.2	19.8





#73
 Carbazole
 Concen: 42.820 ng
 RT: 17.748 min Scan# 2495
 Delta R.T. 0.000 min
 Lab File: BG059955.D
 Acq: 5 Dec 2023 18:48

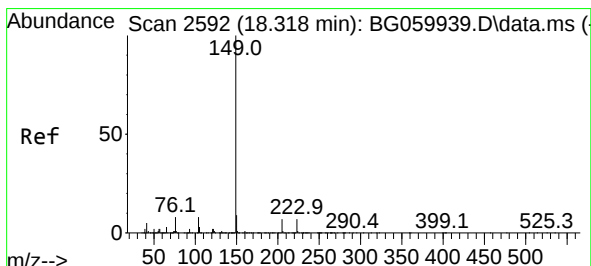
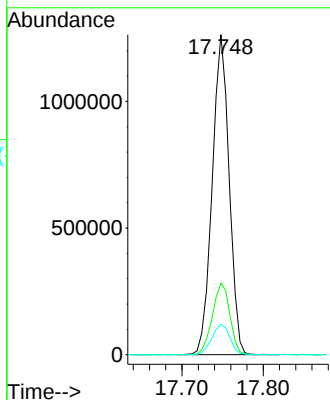
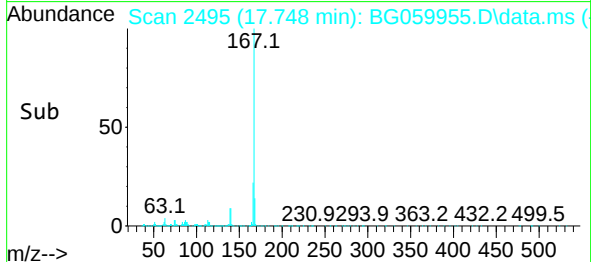
Instrument :
 BNA_G
 ClientSampleId :
 TP-3MSD



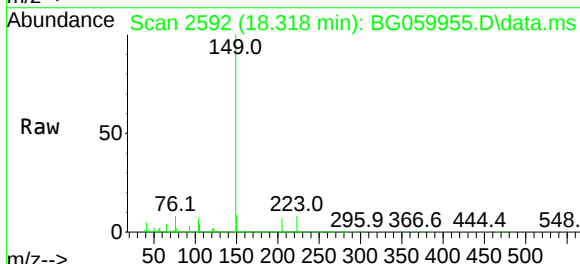
Tgt Ion:167 Resp: 1824572
 Ion Ratio Lower Upper
 167 100
 166 22.4 16.7 25.1
 139 9.5 8.0 12.0

Manual Integrations
 APPROVED

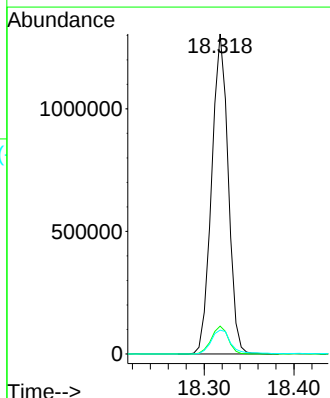
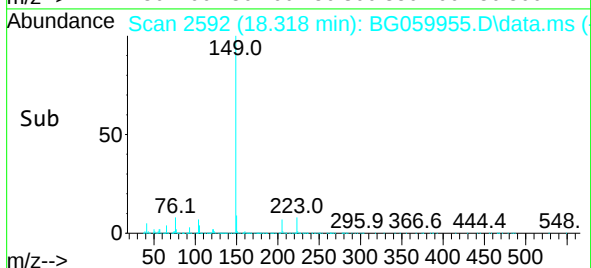
Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/06/2023

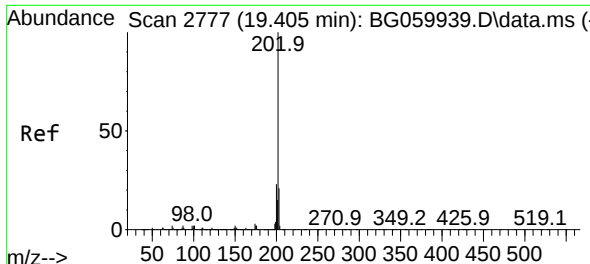


#74
 Di-n-butylphthalate
 Concen: 45.263 ng
 RT: 18.318 min Scan# 2592
 Delta R.T. 0.000 min
 Lab File: BG059955.D
 Acq: 5 Dec 2023 18:48



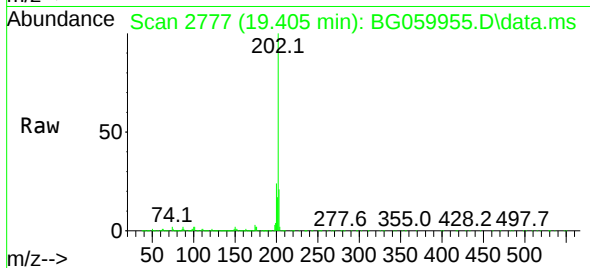
Tgt Ion:149 Resp: 1668193
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 7.5 6.2 9.2





#75
Fluoranthene
Concen: 40.072 ng
RT: 19.405 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

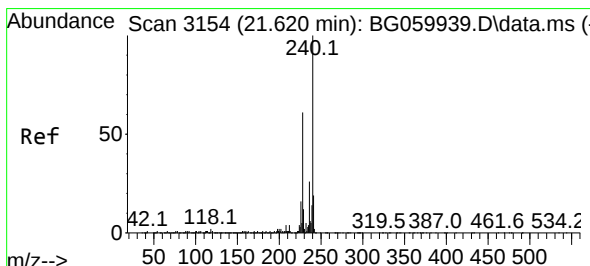
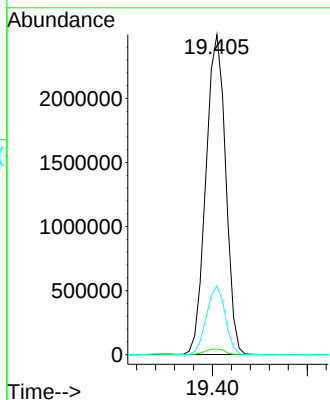
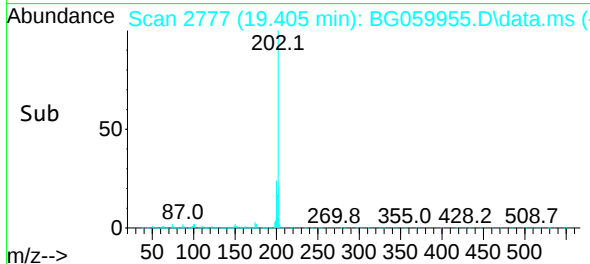
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



Tgt Ion:202 Resp: 3612120
Ion Ratio Lower Upper
202 100
101 1.8 0.0 21.6
203 21.4 0.9 40.9

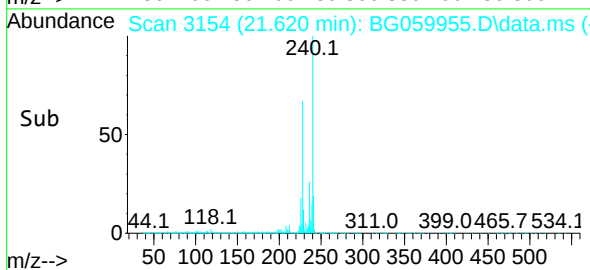
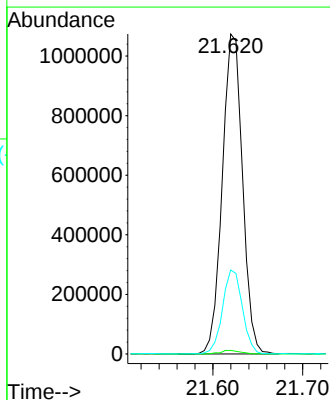
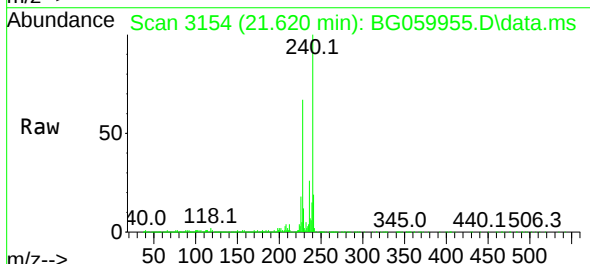
Manual Integrations
APPROVED

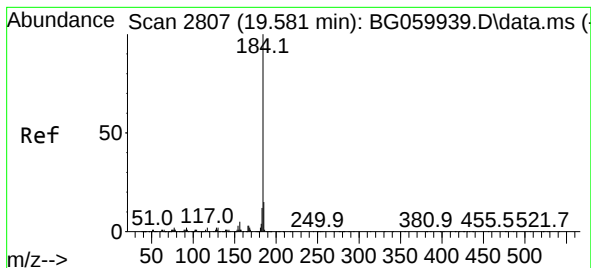
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.620 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:240 Resp: 1679522
Ion Ratio Lower Upper
240 100
120 1.1 1.0 1.4
236 26.2 20.8 31.2





#77

Benzidine

Concen: 20.558 ng

RT: 19.581 min Scan# 2807

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

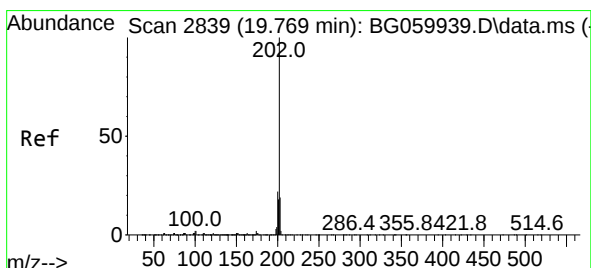
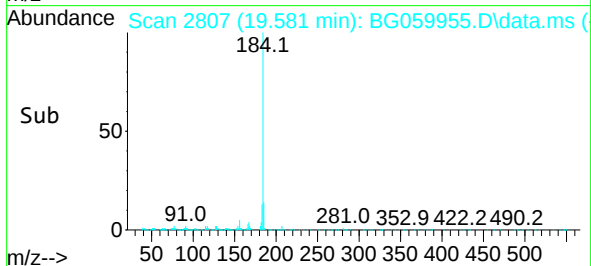
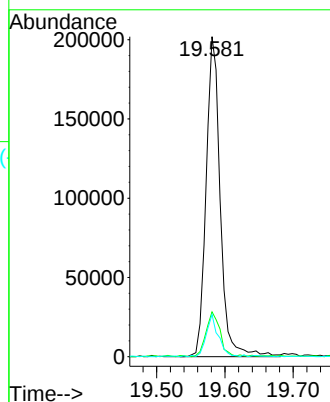
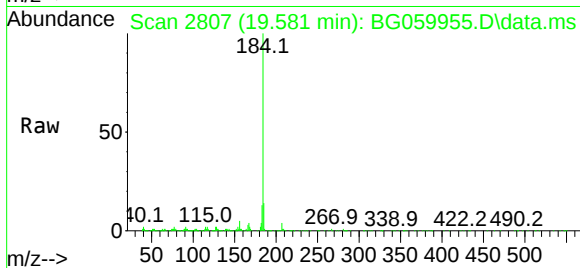
Tgt Ion:184	Resp: 291000
Ion Ratio	Lower Upper
184 100	
185 14.0	12.0 18.0
183 13.1	9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#78

Pyrene

Concen: 41.747 ng

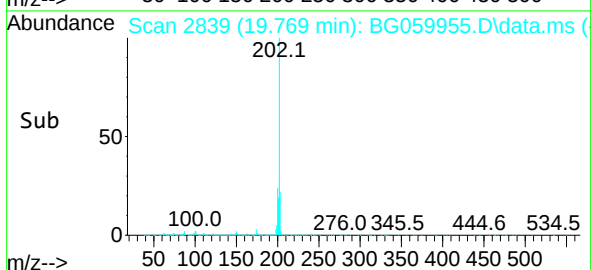
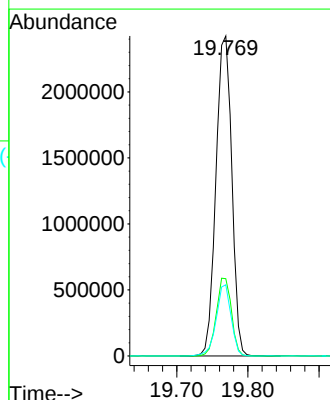
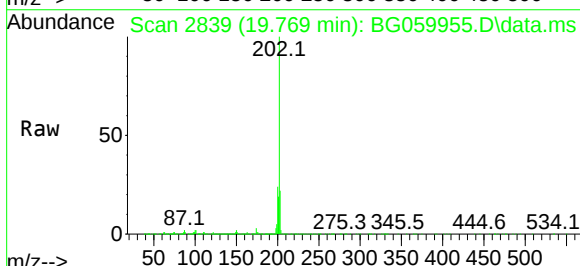
RT: 19.769 min Scan# 2839

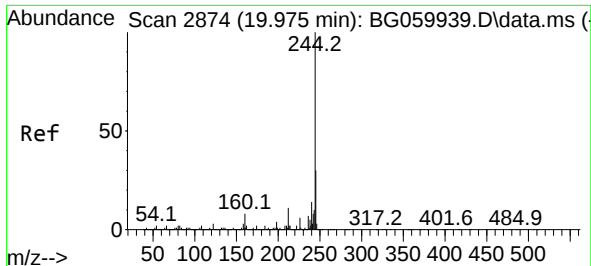
Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Tgt Ion:202	Resp: 3731418
Ion Ratio	Lower Upper
202 100	
200 24.2	17.8 26.6
203 22.2	15.4 23.0





#79

Terphenyl-d14

Concen: 58.437 ng

RT: 19.969 min Scan# 2

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion:244 Resp: 5693330

Ion Ratio Lower Upper

244 100

212 13.2 8.6 13.0

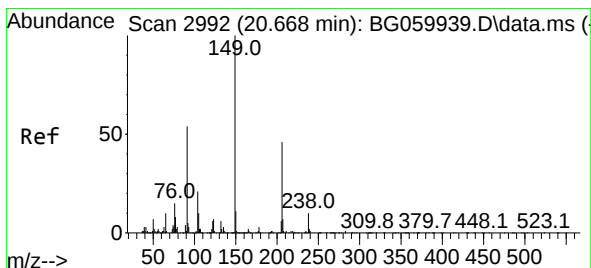
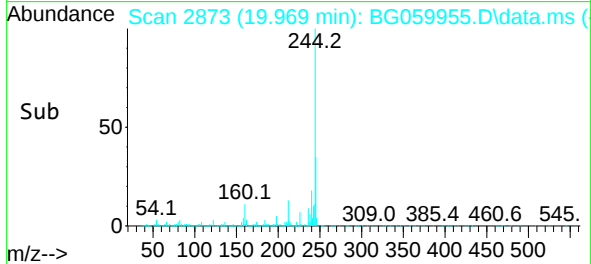
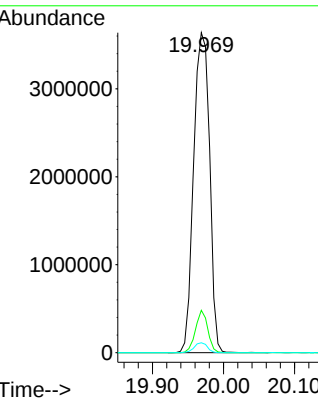
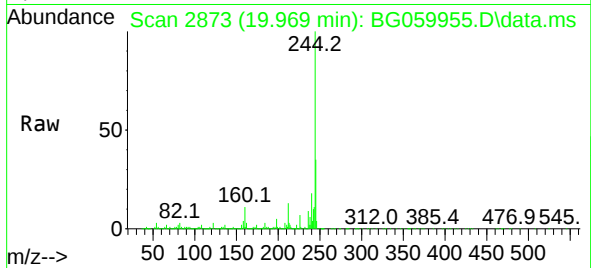
122 3.1 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#80

Butylbenzylphthalate

Concen: 47.268 ng

RT: 20.662 min Scan# 2991

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

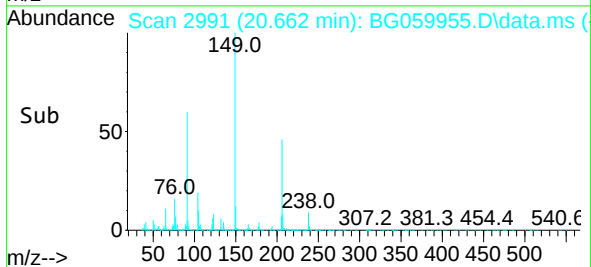
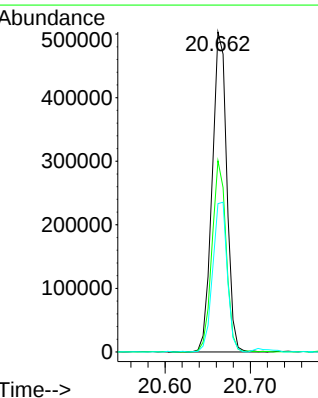
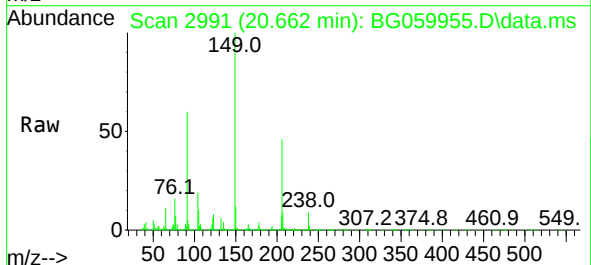
Tgt Ion:149 Resp: 599319

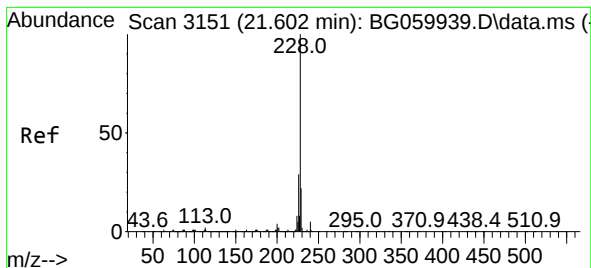
Ion Ratio Lower Upper

149 100

91 59.8 42.9 64.3

206 46.3 36.7 55.1





#81

Benzo(a)anthracene

Concen: 42.148 ng

RT: 21.602 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion:228 Resp: 4723100

Ion Ratio Lower Upper

228 100

226 33.9 23.4 35.2

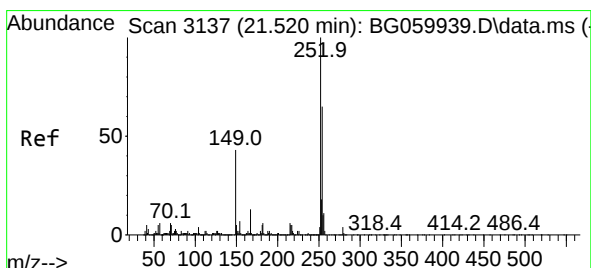
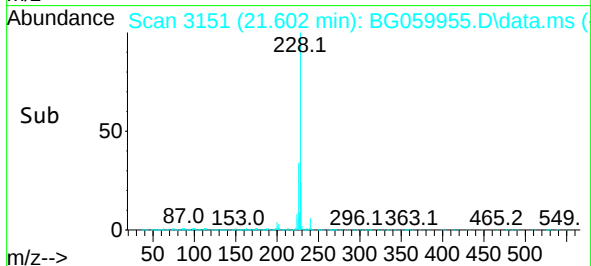
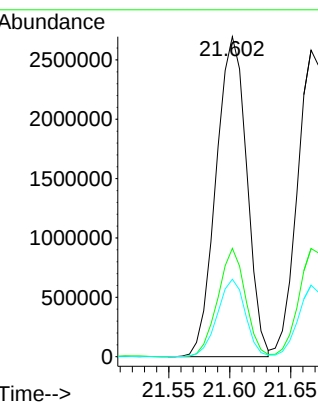
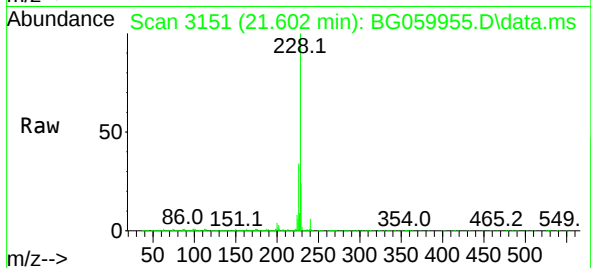
229 24.2 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#82

3,3'-Dichlorobenzidine

Concen: 24.804 ng

RT: 21.520 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

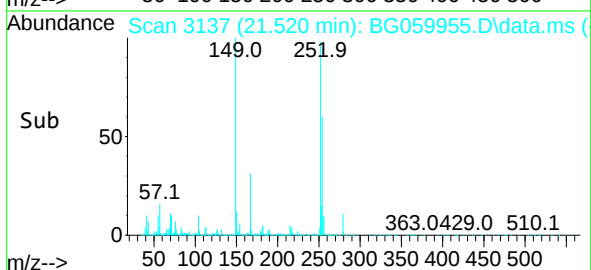
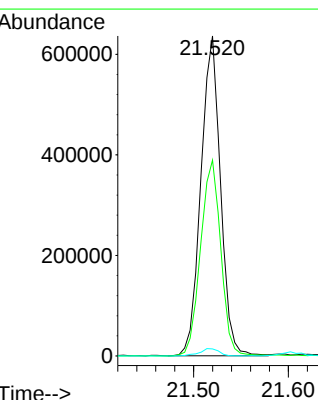
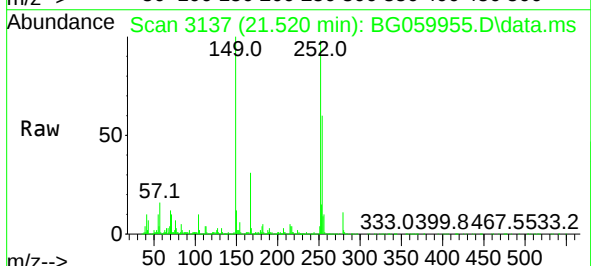
Tgt Ion:252 Resp: 912865

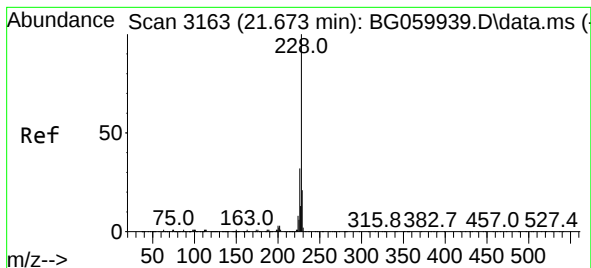
Ion Ratio Lower Upper

252 100

254 61.2 51.9 77.9

126 2.2 1.4 2.2#





#83

Chrysene

Concen: 41.822 ng

RT: 21.667 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion:228 Resp: 439388

Ion Ratio Lower Upper

228 100

226 35.3 25.4 38.2

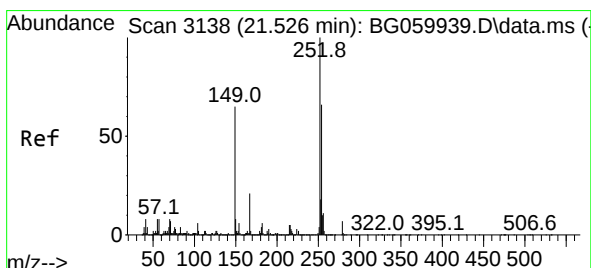
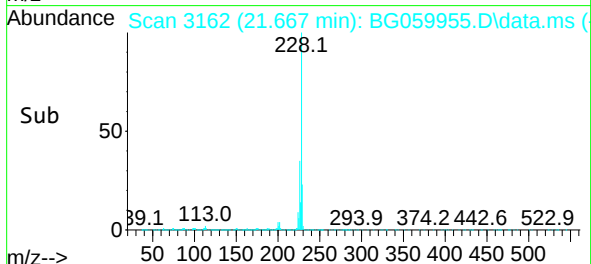
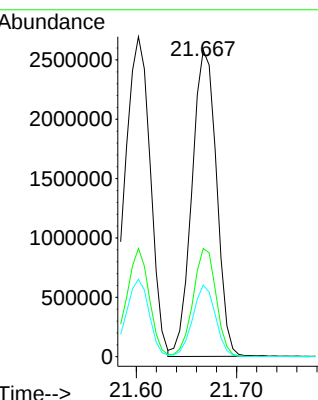
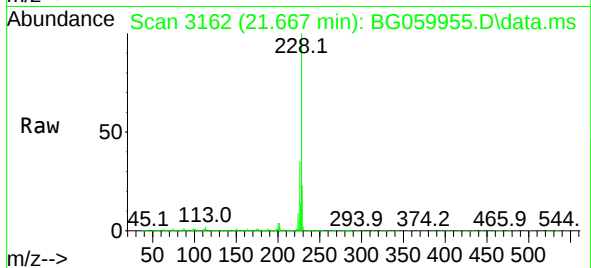
229 23.3 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.479 ng

RT: 21.526 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

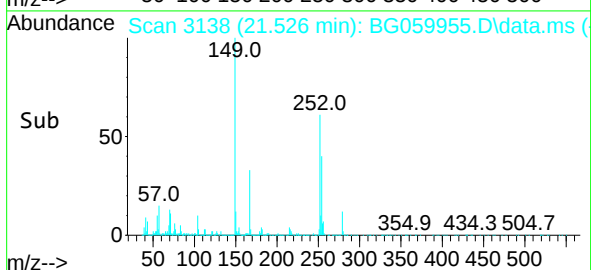
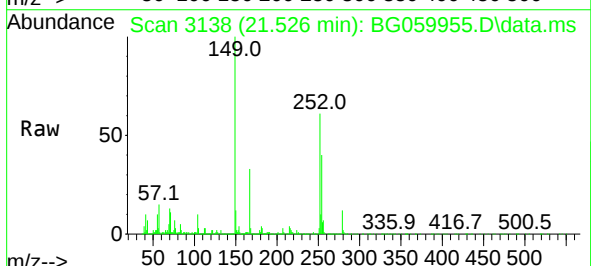
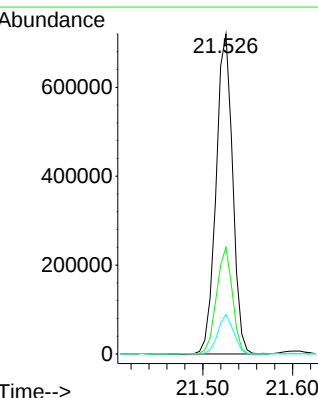
Tgt Ion:149 Resp: 921155

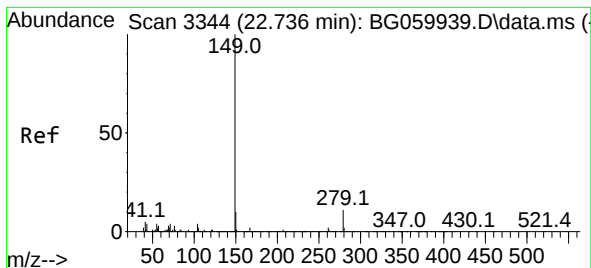
Ion Ratio Lower Upper

149 100

167 33.4 26.1 39.1

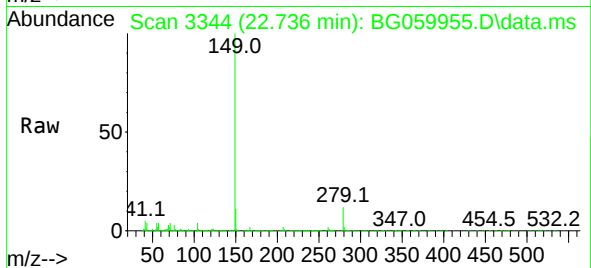
279 12.4 8.6 12.8





#85
Di-n-octyl phthalate
Concen: 50.060 ng
RT: 22.736 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

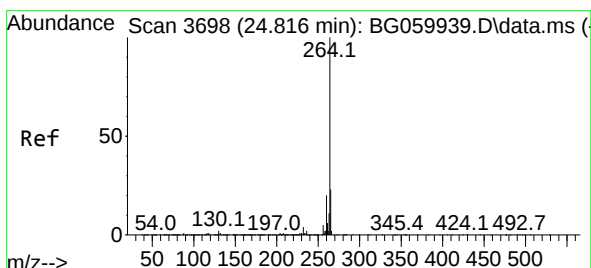
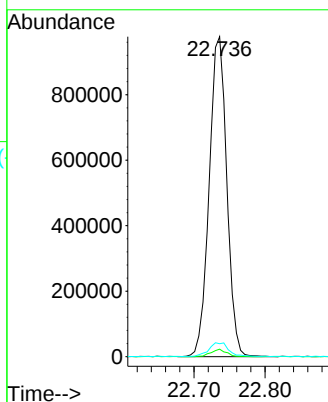
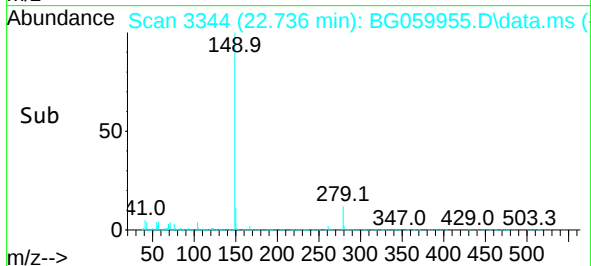
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



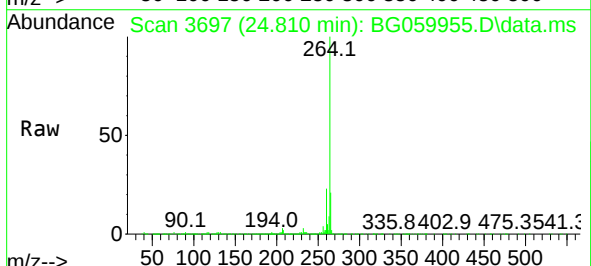
Tgt Ion:149 Resp: 167845
Ion Ratio Lower Upper
149 100
167 2.1 1.7 2.5
43 4.9 3.6 5.4

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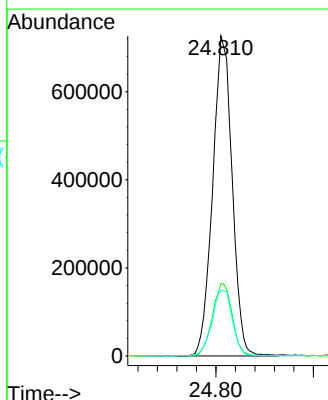
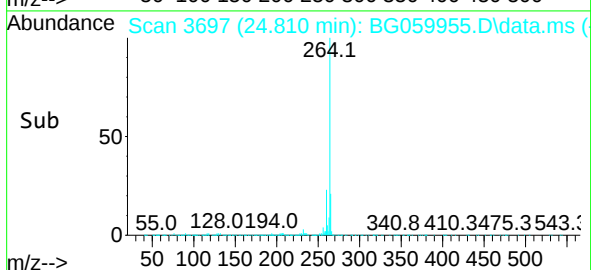
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

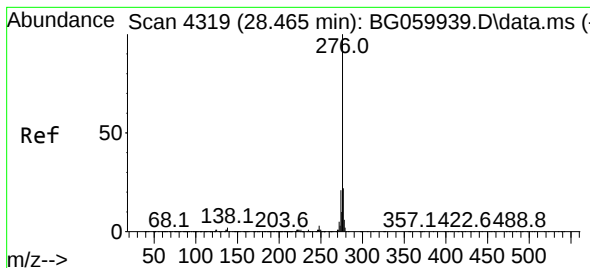


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3697
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48



Tgt Ion:264 Resp: 2020122
Ion Ratio Lower Upper
264 100
260 22.6 15.8 23.6
265 20.6 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.048 ng

RT: 28.459 min Scan# 4319

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion:276 Resp: 6570818

Ion Ratio Lower Upper

276 100

138 1.9 0.0 0.0

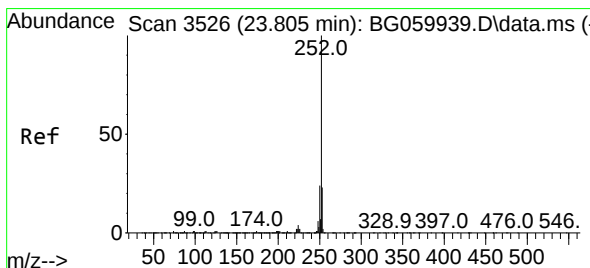
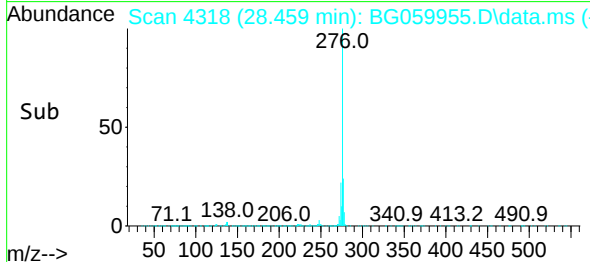
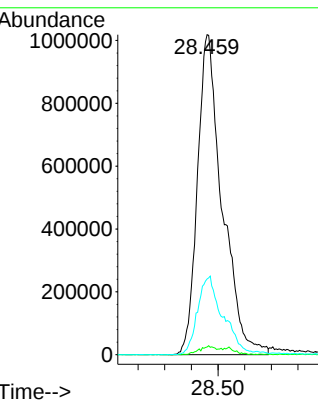
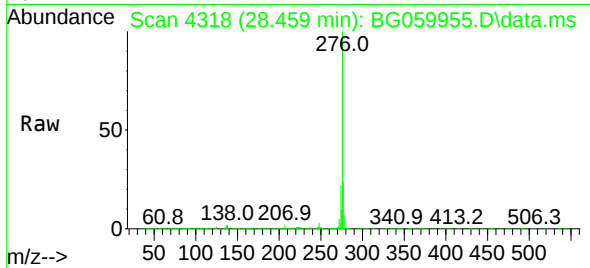
277 25.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#88

Benzo(b)fluoranthene

Concen: 41.928 ng

RT: 23.800 min Scan# 3525

Delta R.T. -0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

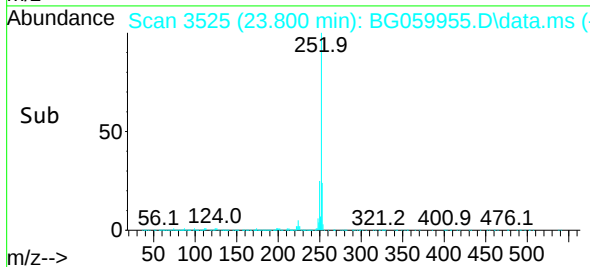
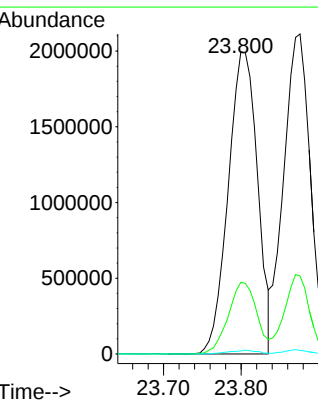
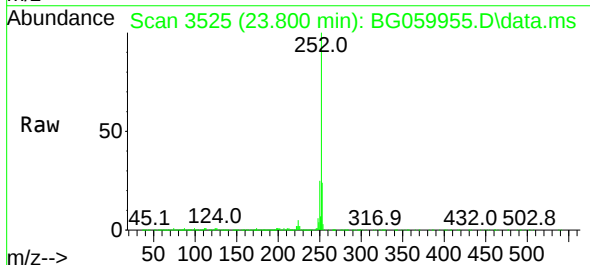
Tgt Ion:252 Resp: 5235253

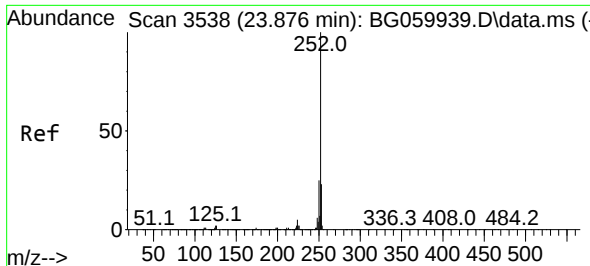
Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

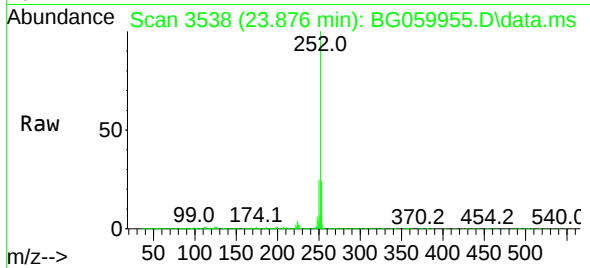
125 1.0 1.2 1.8





#89
Benzo(k)fluoranthene
Concen: 41.379 ng
RT: 23.876 min Scan# 3538
Delta R.T. 0.000 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

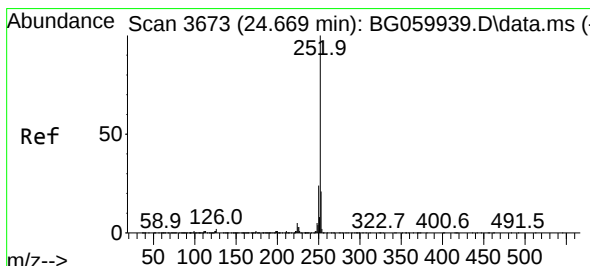
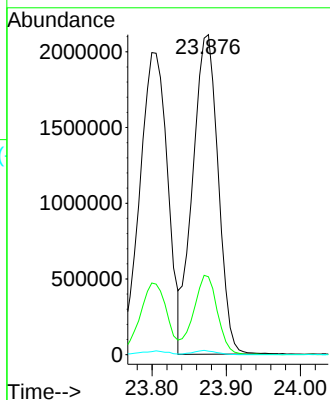
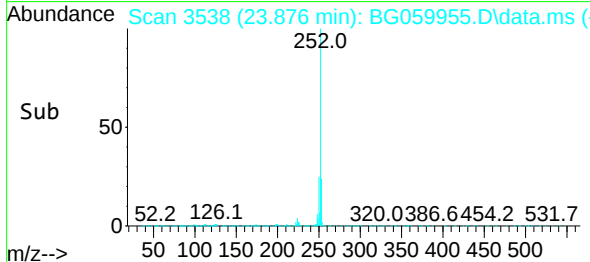
Instrument :
BNA_G
ClientSampleId :
TP-3MSD



Tgt Ion:252 Resp: 503456
Ion Ratio Lower Upper
252 100
253 24.4 18.3 27.5
125 1.1 1.3 1.9

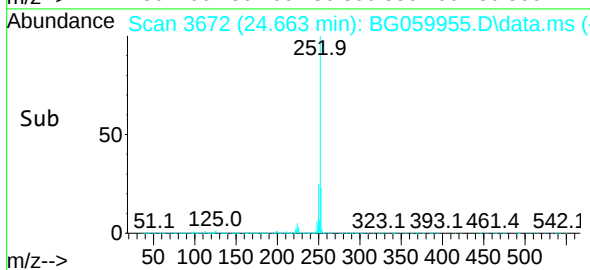
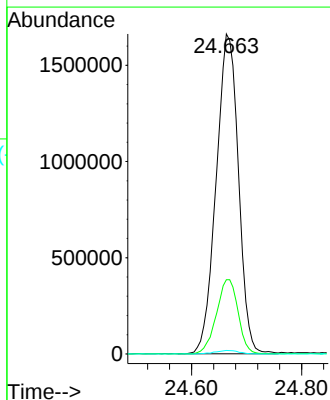
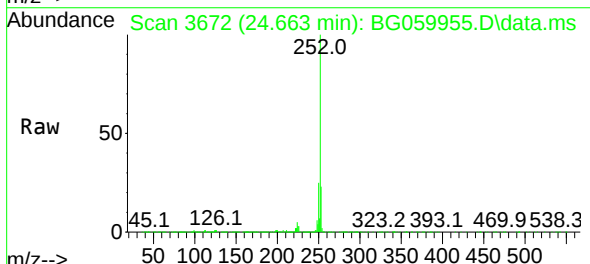
Manual Integrations
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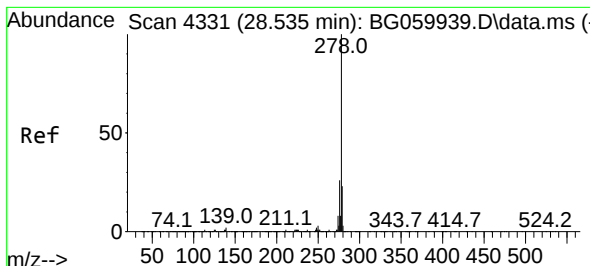
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023



#90
Benzo(a)pyrene
Concen: 41.940 ng
RT: 24.663 min Scan# 3672
Delta R.T. -0.006 min
Lab File: BG059955.D
Acq: 5 Dec 2023 18:48

Tgt Ion:252 Resp: 4676867
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 1.1 0.9 1.3





#91

Dibenzo(a,h)anthracene

Concen: 43.546 ng

RT: 28.535 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Instrument :

BNA_G

ClientSampleId :

TP-3MSD

Tgt Ion:278 Resp: 551522

Ion Ratio Lower Upper

278 100

139 2.1 1.7 2.5

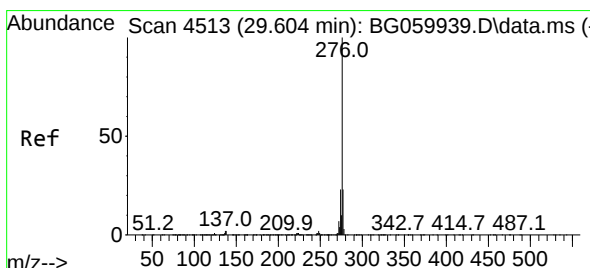
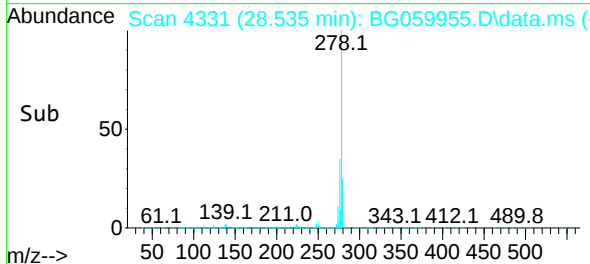
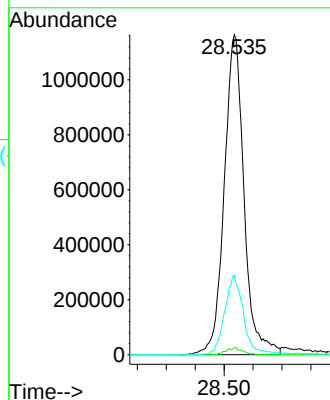
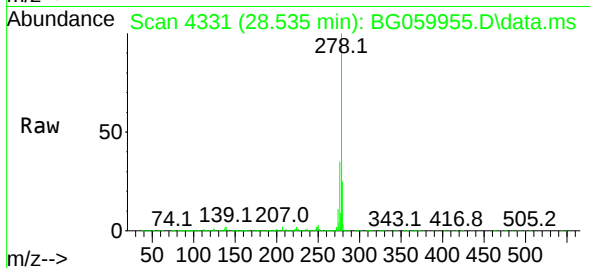
279 24.9 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/06/2023

Supervised By :mohammad ahmed 12/06/2023



#92

Benzo(g,h,i)perylene

Concen: 41.012 ng

RT: 29.610 min Scan# 4514

Delta R.T. 0.006 min

Lab File: BG059955.D

Acq: 5 Dec 2023 18:48

Tgt Ion:276 Resp: 5023680

Ion Ratio Lower Upper

276 100

277 22.9 18.1 27.1

138 2.4 1.6 2.4#

