

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061153.D
 Acq On : 9 May 2024 16:09
 Operator : MA/JU
 Sample : P2414-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS004-0212-01MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 09 16:44:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	23734	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	93928	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	73218	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	172416	20.000	ng	-0.02
76) Chrysene-d12	21.572	240	176175	20.000	ng	-0.02
86) Perylene-d12	24.698	264	203153	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	146543	125.571	ng	-0.02
7) Phenol-d6	7.112	99	197224	114.241	ng	-0.02
23) Nitrobenzene-d5	9.092	82	141340	74.595	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	156147	106.694	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	373961	75.525	ng	-0.02
79) Terphenyl-d14	19.933	244	728603	68.782	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	16813	35.631	ng	98
3) Pyridine	3.828	79	44745	32.225	ng	94
4) n-Nitrosodimethylamine	3.746	42	47879	35.890	ng	# 95
6) Aniline	7.259	93	44009	25.714	ng	92
8) 2-Chlorophenol	7.506	128	70906	49.525	ng	97
9) Benzaldehyde	7.071	77	23879	23.279	ng	94
10) Phenol	7.142	94	85636	48.778	ng	95
11) bis(2-Chloroethyl)ether	7.353	93	55933	46.117	ng	98
12) 1,3-Dichlorobenzene	7.823	146	79333	47.002	ng	98
13) 1,4-Dichlorobenzene	7.970	146	80164	45.954	ng	95
14) 1,2-Dichlorobenzene	8.288	146	77444	46.015	ng	92
15) Benzyl Alcohol	8.170	79	69910	44.891	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.452	45	132192	50.229	ng	99
17) 2-Methylphenol	8.382	107	59690	47.709	ng	95
18) Hexachloroethane	9.010	117	29680	47.682	ng	89
19) n-Nitroso-di-n-propyla...	8.734	70	54568	42.236	ng	92
20) 3+4-Methylphenols	8.711	107	81766	45.298	ng	96
22) Acetophenone	8.752	105	114433	48.920	ng	# 99
24) Nitrobenzene	9.134	77	87268	47.080	ng	97
25) Isophorone	9.651	82	150783	43.050	ng	95
26) 2-Nitrophenol	9.839	139	42396	48.275	ng	97
27) 2,4-Dimethylphenol	9.909	122	54468	53.796	ng	97
28) bis(2-Chloroethoxy)met...	10.138	93	81188	47.231	ng	97
29) 2,4-Dichlorophenol	10.385	162	79078	49.847	ng	94
30) 1,2,4-Trichlorobenzene	10.591	180	95570	49.997	ng	94
31) Naphthalene	10.779	128	229801	47.075	ng	99
32) Benzoic acid	10.068	122	32259m	27.561	ng	
33) 4-Chloroaniline	10.884	127	49572	25.462	ng	97
34) Hexachlorobutadiene	11.067	225	79347	48.378	ng	95
35) Caprolactam	11.672	113	23096m	40.427	ng	
36) 4-Chloro-3-methylphenol	12.024	107	84760	44.308	ng	96
37) 2-Methylnaphthalene	12.389	142	168772	46.137	ng	99
38) 1-Methylnaphthalene	12.606	142	155936	42.343	ng	99
40) 1,2,4,5-Tetrachloroben...	12.759	216	136051	55.679	ng	99
41) Hexachlorocyclopentadiene	12.735	237	63460	67.842	ng	93
43) 2,4,6-Trichlorophenol	13.000	196	79659	50.779	ng	97

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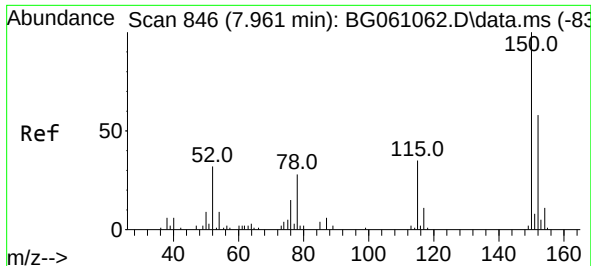
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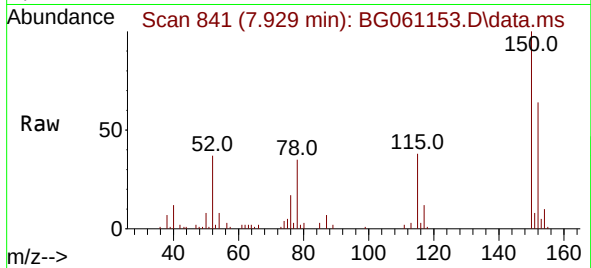
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	85040	47.897	ng	95
46) 1,1'-Biphenyl	13.399	154	238466	50.796	ng	96
47) 2-Chloronaphthalene	13.440	162	187246	49.810	ng	97
48) 2-Nitroaniline	13.640	65	68852	49.358	ng	95
49) Acenaphthylene	14.286	152	306181	53.030	ng	98
50) Dimethylphthalate	14.022	163	255329	45.149	ng	99
51) 2,6-Dinitrotoluene	14.140	165	55016	45.481	ng	97
52) Acenaphthene	14.627	154	169870	47.162	ng	92
53) 3-Nitroaniline	14.469	138	35800	32.345	ng	97
54) 2,4-Dinitrophenol	14.686	184	43747	51.818	ng	94
55) Dibenzofuran	14.962	168	299089	49.162	ng	97
56) 4-Nitrophenol	14.798	139	72626	81.193	ng	93
57) 2,4-Dinitrotoluene	14.933	165	78027	43.599	ng	# 94
58) Fluorene	15.614	166	244414	46.427	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.197	232	82868m	45.341	ng	
60) Diethylphthalate	15.385	149	251368	44.077	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	148410	46.950	ng	98
62) 4-Nitroaniline	15.638	138	50355	41.947	ng	92
63) Azobenzene	15.902	77	213041	47.988	ng	96
65) 4,6-Dinitro-2-methylph...	15.702	198	39406	36.836	ng	95
66) n-Nitrosodiphenylamine	15.826	169	221727	51.859	ng	97
67) 4-Bromophenyl-phenylether	16.501	248	104780	51.588	ng	93
68) Hexachlorobenzene	16.625	284	125114	49.491	ng	98
69) Atrazine	16.772	200	95560	54.195	ng	99
70) Pentachlorophenol	16.971	266	122505	78.879	ng	97
71) Phenanthrene	17.353	178	412090	52.272	ng	100
72) Anthracene	17.447	178	415620	52.834	ng	99
73) Carbazole	17.718	167	341505	49.375	ng	99
74) Di-n-butylphthalate	18.276	149	396692	48.234	ng	100
75) Fluoranthene	19.369	202	546493	50.600	ng	99
77) Benzidine	19.551	184	188392	55.718	ng	98
78) Pyrene	19.733	202	562515	50.222	ng	99
80) Butylbenzylphthalate	20.620	149	177750	50.135	ng	96
81) Benzo(a)anthracene	21.554	228	592173	51.366	ng	98
82) 3,3'-Dichlorobenzidine	21.472	252	144512	34.832	ng	98
83) Chrysene	21.619	228	550561	50.973	ng	98
84) Bis(2-ethylhexyl)phtha...	21.472	149	244741	52.863	ng	97
85) Di-n-octyl phthalate	22.647	149	419236	51.325	ng	100
87) Indeno(1,2,3-cd)pyrene	28.264	276	633821m	47.078	ng	
88) Benzo(b)fluoranthene	23.711	252	575994	50.738	ng	99
89) Benzo(k)fluoranthene	23.775	252	567877	51.997	ng	99
90) Benzo(a)pyrene	24.557	252	539932	54.592	ng	99
91) Dibenzo(a,h)anthracene	28.305	278	484236	43.431	ng	98
92) Benzo(g,h,i)perylene	29.363	276	431333m	38.930	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 84
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

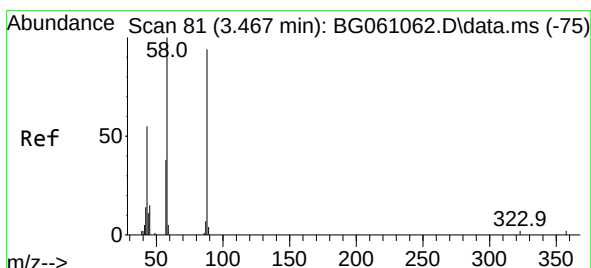
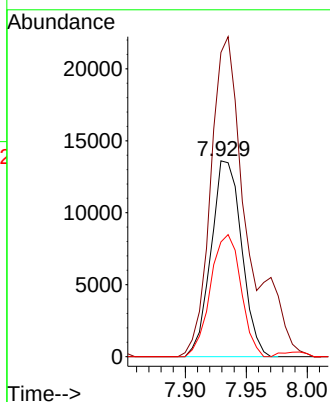
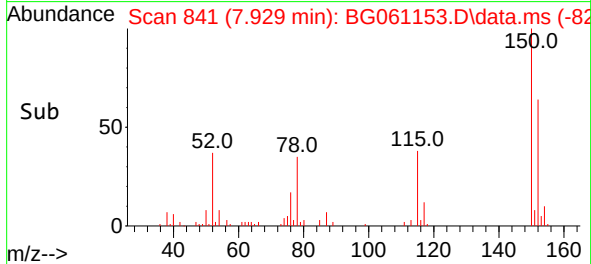
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:152 Resp: 23734
Ion Ratio Lower Upper
152 100
150 155.3 138.3 207.5
115 58.5 48.0 72.0

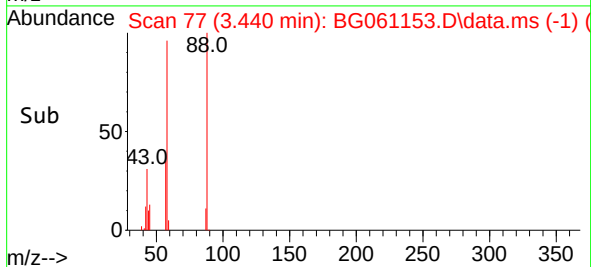
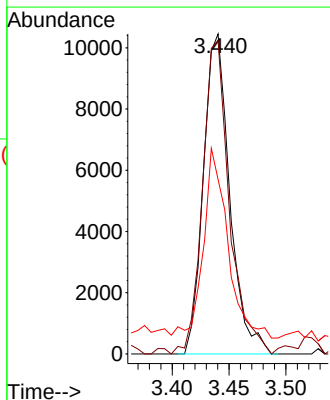
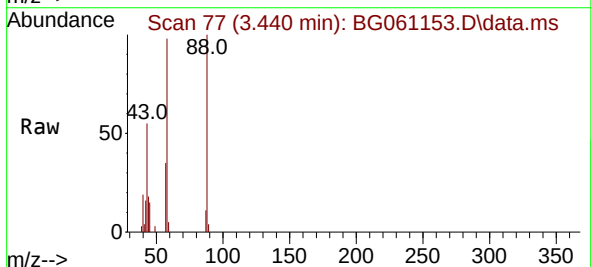
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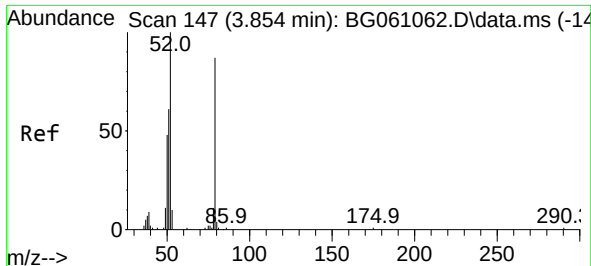
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 35.631 ng
RT: 3.440 min Scan# 77
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

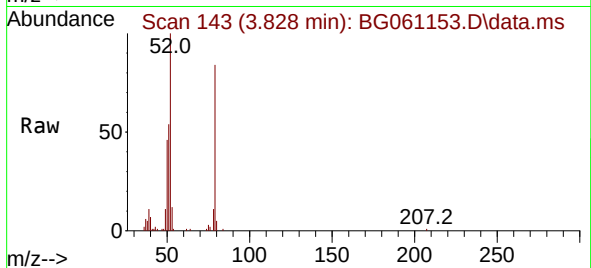
Tgt Ion: 88 Resp: 16813
Ion Ratio Lower Upper
88 100
58 99.8 81.2 121.8
43 54.8 45.0 67.4





#3
 Pyridine
 Concen: 32.225 ng
 RT: 3.828 min Scan# 147
 Delta R.T. -0.026 min
 Lab File: BG061153.D
 Acq: 9 May 2024 16:09

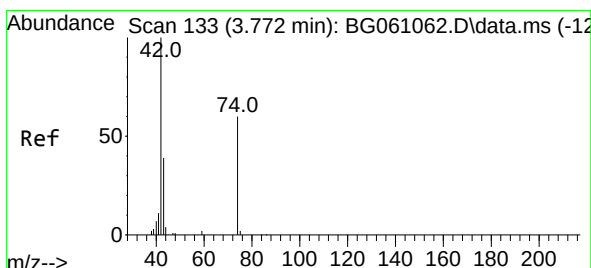
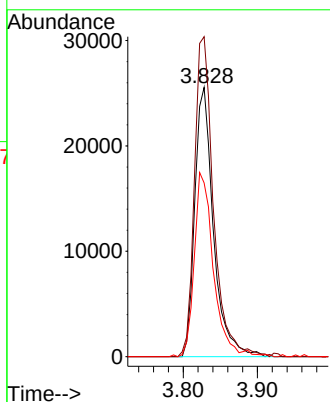
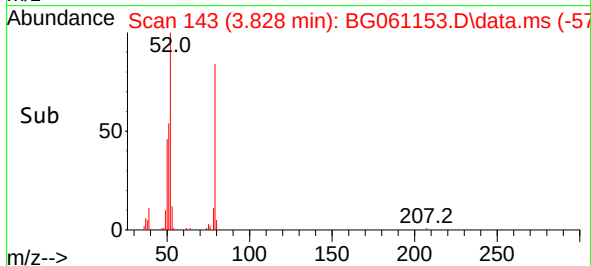
Instrument :
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 1011UMR-SS004-0212-01MSD



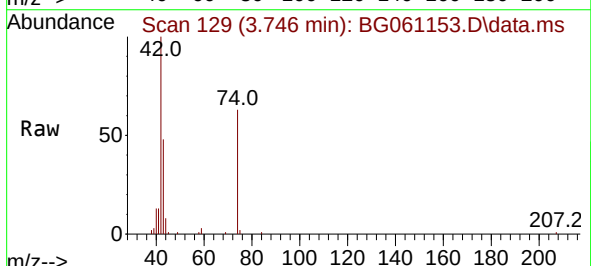
Tgt Ion: 79 Resp: 44745
 Ion Ratio Lower Upper
 79 100
 52 118.8 91.6 137.4
 51 64.6 57.0 85.4

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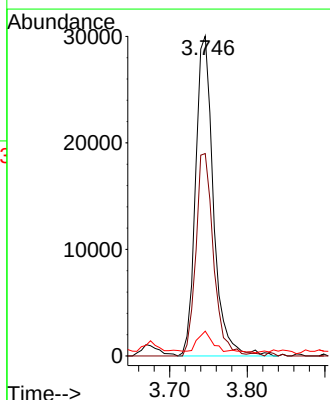
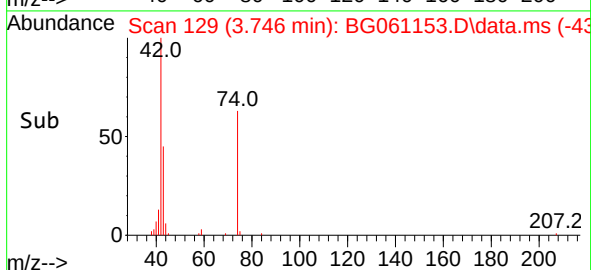
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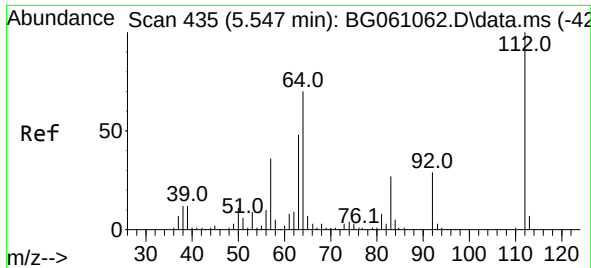


#4
 n-Nitrosodimethylamine
 Concen: 35.890 ng
 RT: 3.746 min Scan# 129
 Delta R.T. -0.026 min
 Lab File: BG061153.D
 Acq: 9 May 2024 16:09



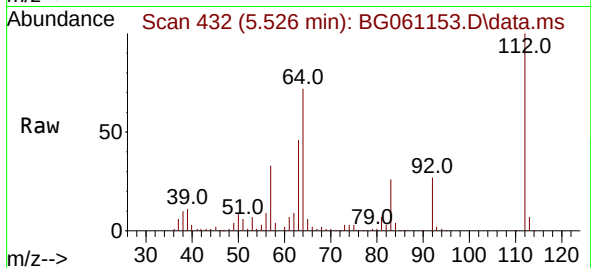
Tgt Ion: 42 Resp: 47879
 Ion Ratio Lower Upper
 42 100
 74 63.3 47.8 71.8
 44 7.8 4.7 7.1#





#5
2-Fluorophenol
Concen: 125.571 ng
RT: 5.526 min Scan# 411
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

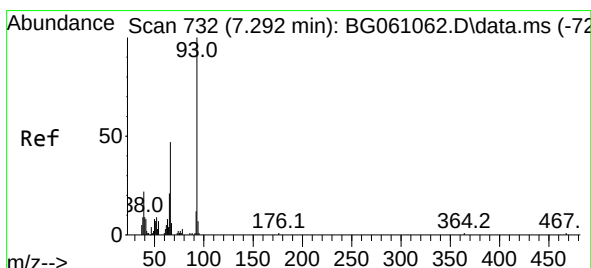
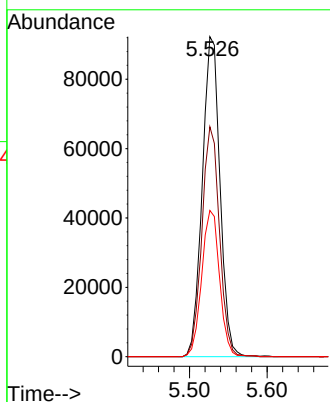
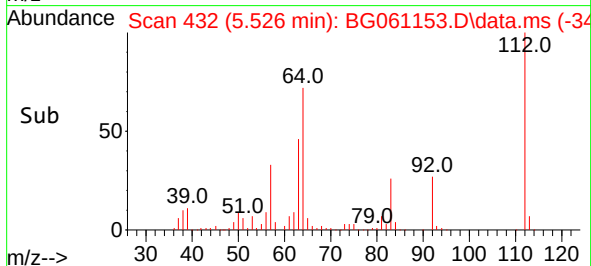
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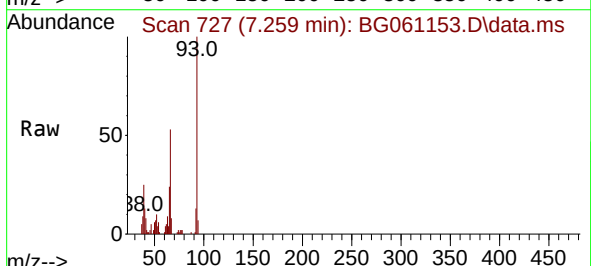
Tgt Ion: 112 Resp: 14654
Ion Ratio Lower Upper
112 100
64 71.8 55.7 83.5
63 45.7 38.1 57.1

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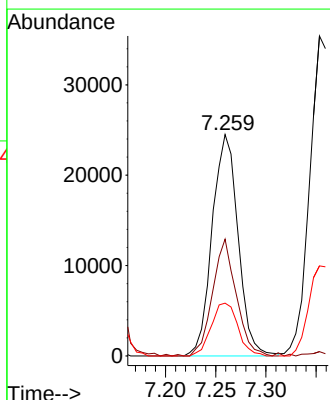
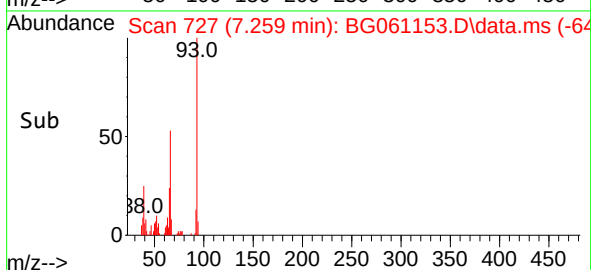
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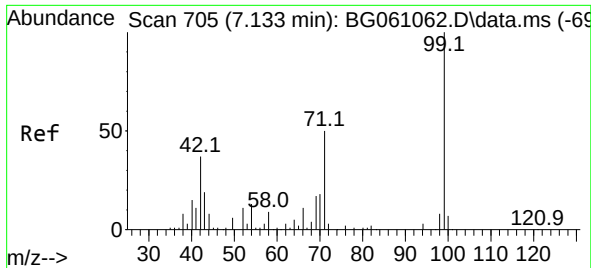


#6
Aniline
Concen: 25.714 ng
RT: 7.259 min Scan# 727
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



Tgt Ion: 93 Resp: 44009
Ion Ratio Lower Upper
93 100
66 52.8 37.4 56.0
65 23.8 16.6 24.8





#7

Phenol-d6

Concen: 114.241 ng

RT: 7.112 min Scan# 705

Delta R.T. -0.020 min

Lab File: BG061153.D

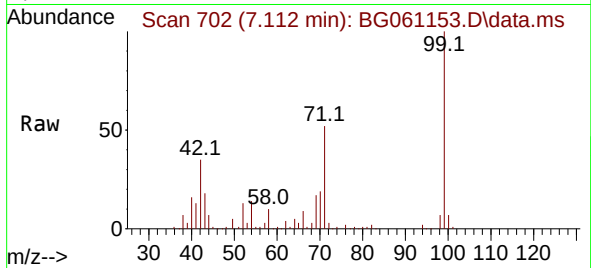
Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS004-0212-01MSD



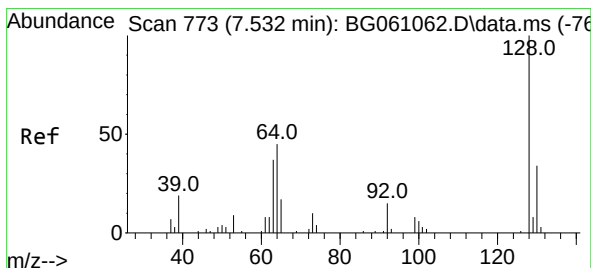
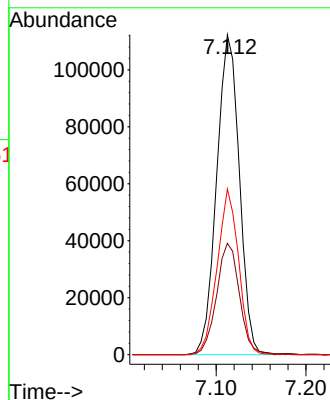
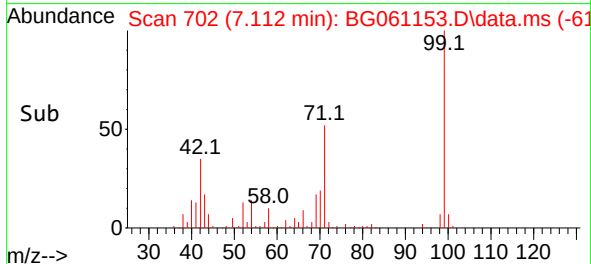
Tgt Ion: 99 Resp: 197224

Ion	Ratio	Lower	Upper
99	100		
42	34.8	29.2	43.8
71	51.8	39.7	59.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.525 ng

RT: 7.506 min Scan# 769

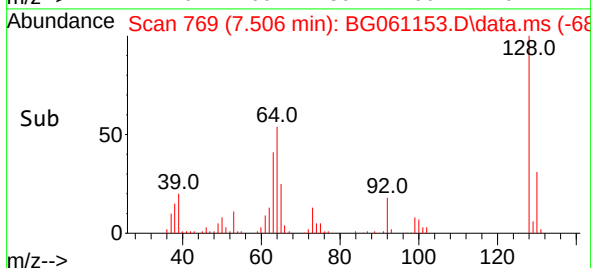
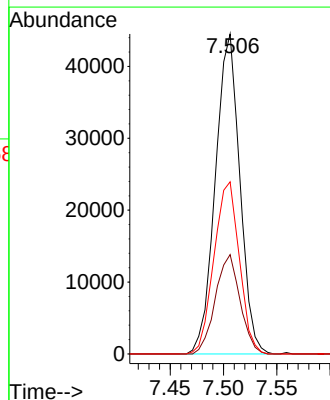
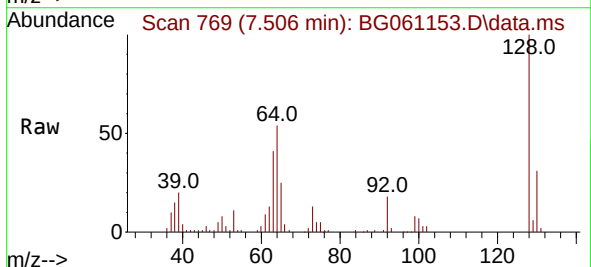
Delta R.T. -0.026 min

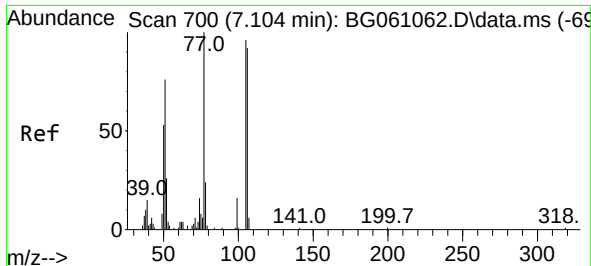
Lab File: BG061153.D

Acq: 9 May 2024 16:09

Tgt Ion:128 Resp: 70906

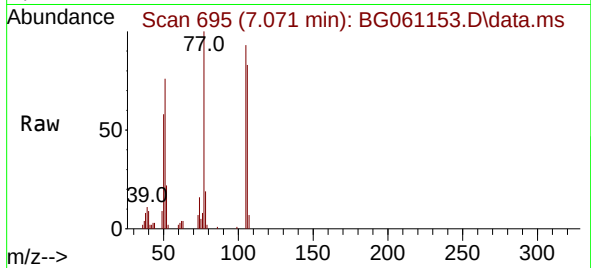
Ion	Ratio	Lower	Upper
128	100		
130	31.0	14.1	54.1
64	53.8	34.8	74.8





#9
Benzaldehyde
Concen: 23.279 ng
RT: 7.071 min Scan# 695
Delta R.T. -0.033 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

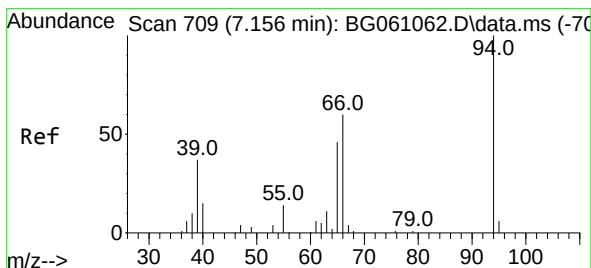
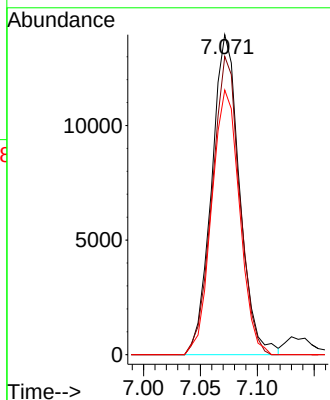
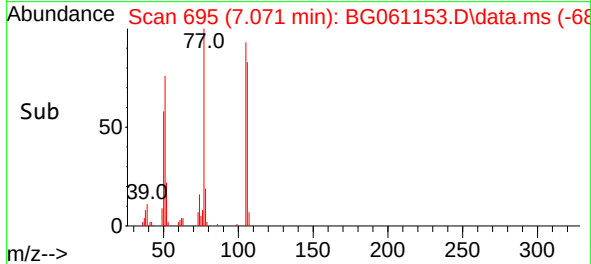
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion: 77 Resp: 23879
Ion Ratio Lower Upper
77 100
105 93.2 76.0 116.0
106 82.7 72.3 112.3

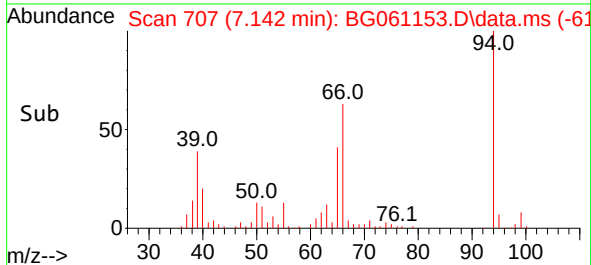
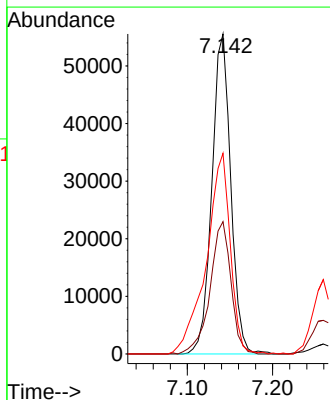
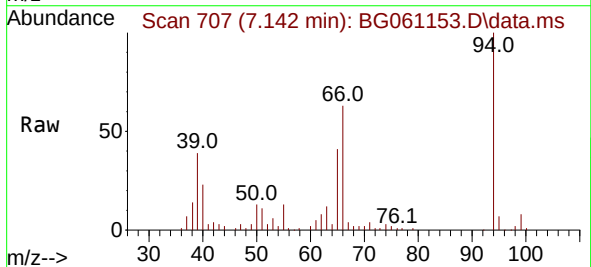
Manual Integrations
APPROVED

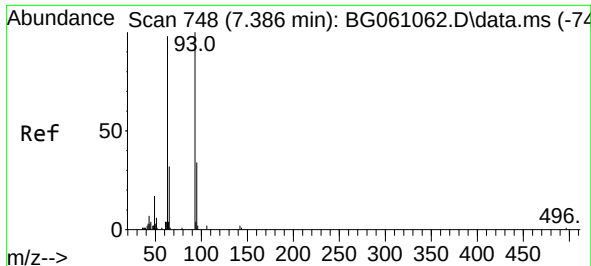
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#10
Phenol
Concen: 48.778 ng
RT: 7.142 min Scan# 707
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

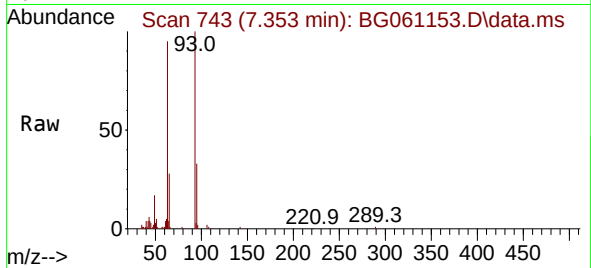
Tgt Ion: 94 Resp: 85636
Ion Ratio Lower Upper
94 100
65 41.4 26.8 66.8
66 62.7 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 46.117 ng
RT: 7.353 min Scan# 748
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

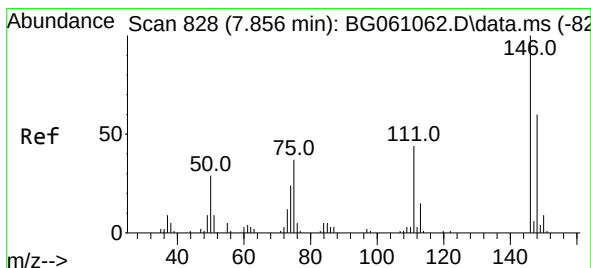
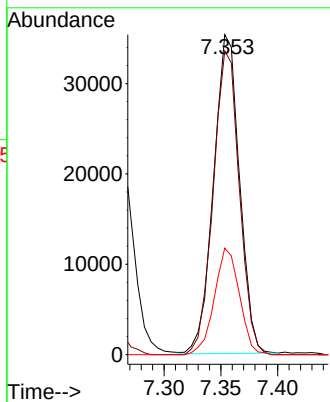
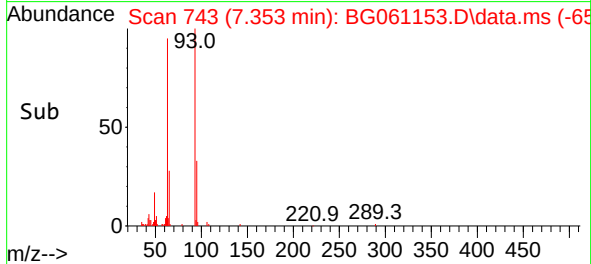
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion: 93 Resp: 55933
Ion Ratio Lower Upper
93 100
63 94.9 76.8 116.8
95 33.3 13.6 53.6

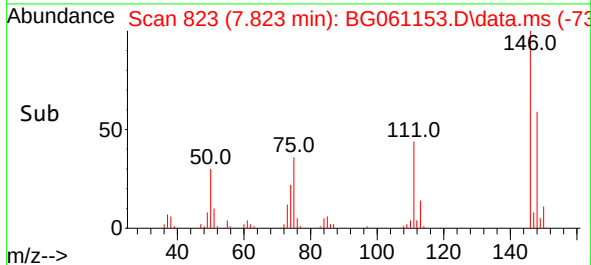
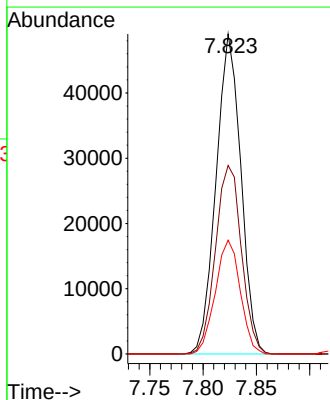
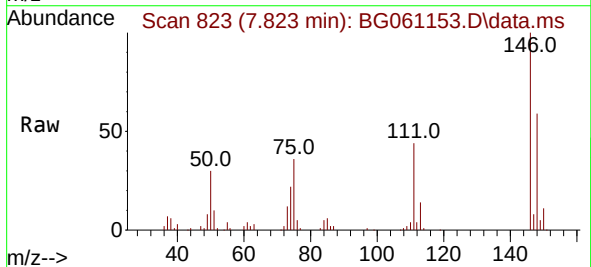
Manual Integrations
APPROVED

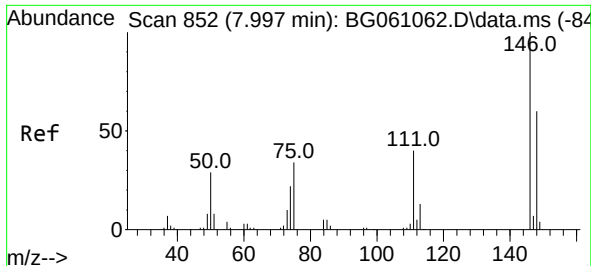
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#12
1,3-Dichlorobenzene
Concen: 47.002 ng
RT: 7.823 min Scan# 823
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

Tgt Ion:146 Resp: 79333
Ion Ratio Lower Upper
146 100
148 58.9 48.0 72.0
75 35.5 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 45.954 ng

RT: 7.970 min Scan# 84

Delta R.T. -0.026 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

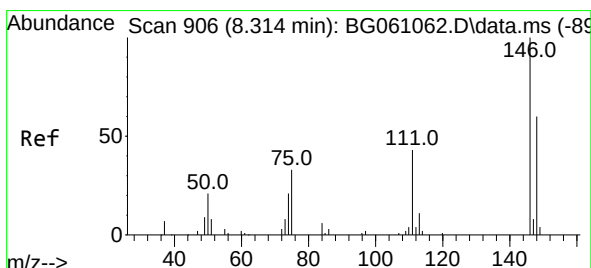
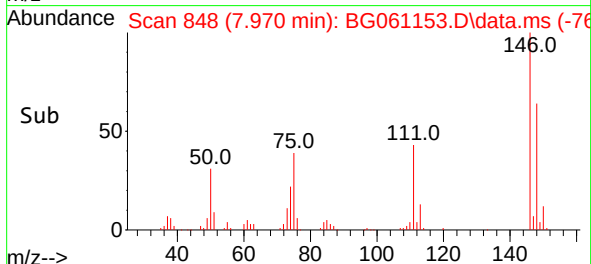
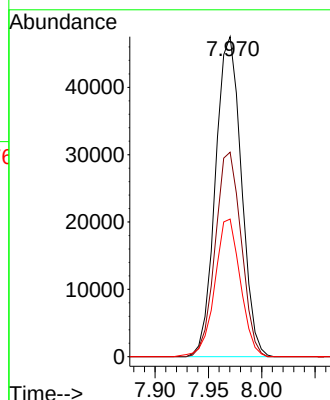
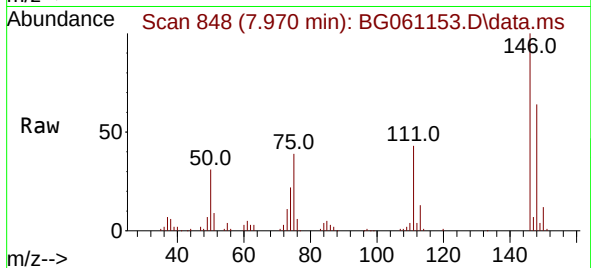
1011UMR-SS004-0212-01MSD

Tgt Ion:146 Resp: 80164
 Ion Ratio Lower Upper
 146 100
 148 63.9 48.1 72.1
 111 43.0 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024



#14

1,2-Dichlorobenzene

Concen: 46.015 ng

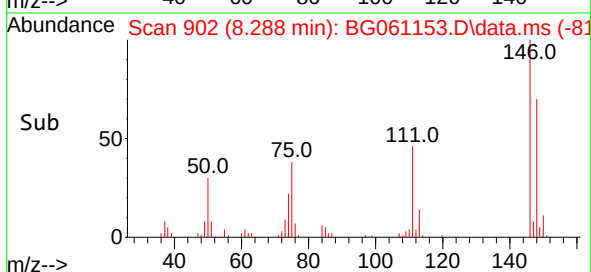
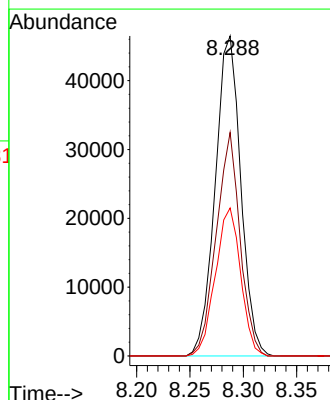
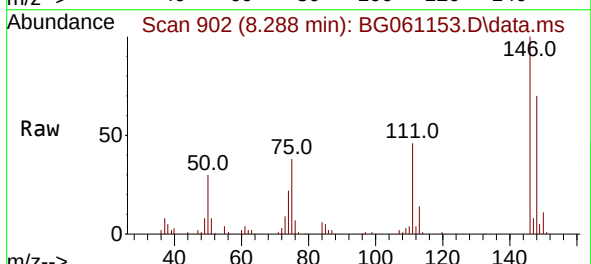
RT: 8.288 min Scan# 902

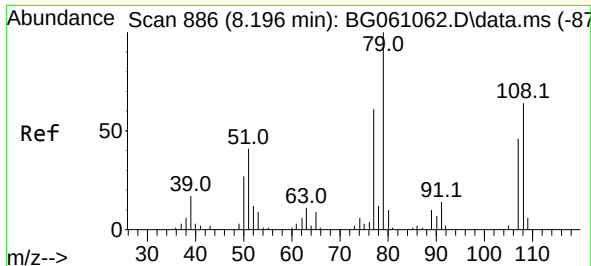
Delta R.T. -0.026 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

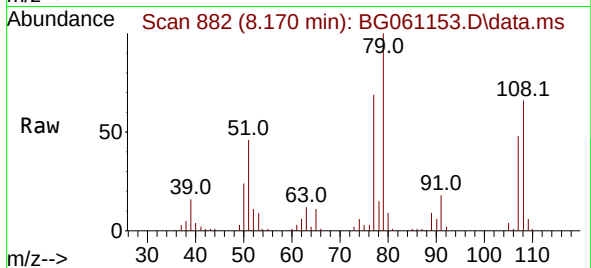
Tgt Ion:146 Resp: 77444
 Ion Ratio Lower Upper
 146 100
 148 69.8 48.2 72.2
 111 46.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 44.891 ng
RT: 8.170 min Scan# 81
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

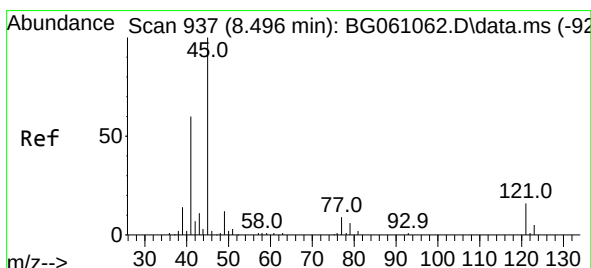
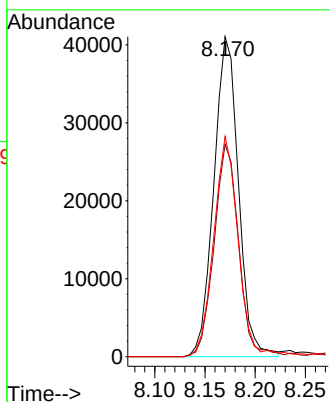
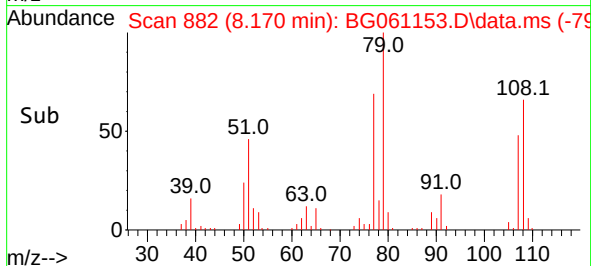
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



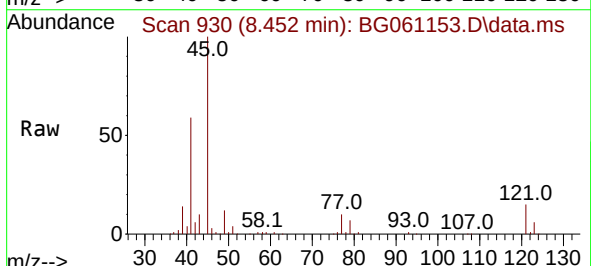
Tgt Ion: 79 Resp: 69910
Ion Ratio Lower Upper
79 100
108 66.4 51.1 76.7
77 68.8 49.0 73.6

Manual Integrations
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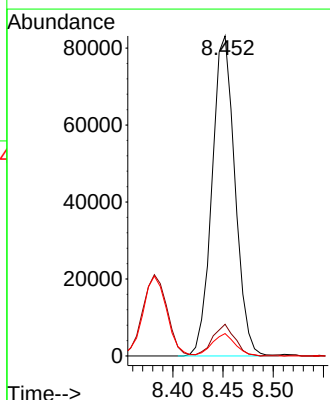
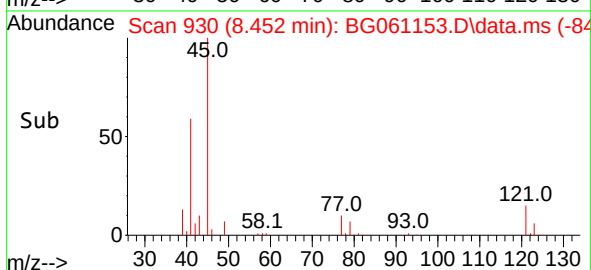
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

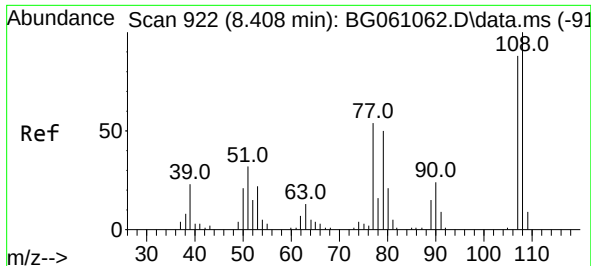


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.229 ng
RT: 8.452 min Scan# 930
Delta R.T. -0.044 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



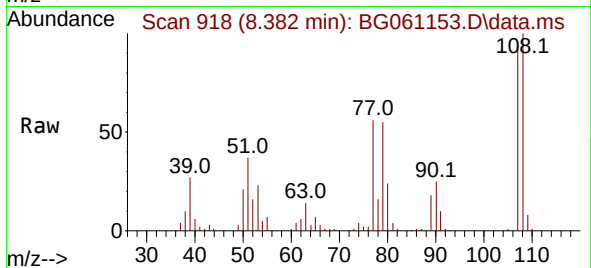
Tgt Ion: 45 Resp: 132192
Ion Ratio Lower Upper
45 100
77 9.9 0.0 30.2
79 7.0 0.0 26.5





#17
2-Methylphenol
Concen: 47.709 ng
RT: 8.382 min Scan# 91
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

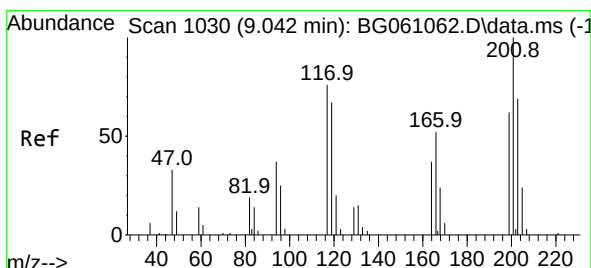
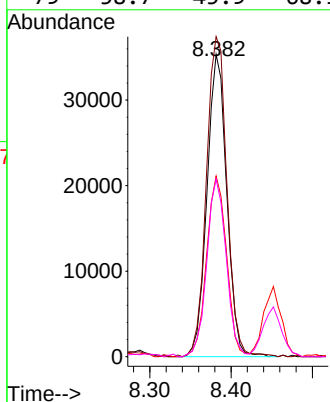
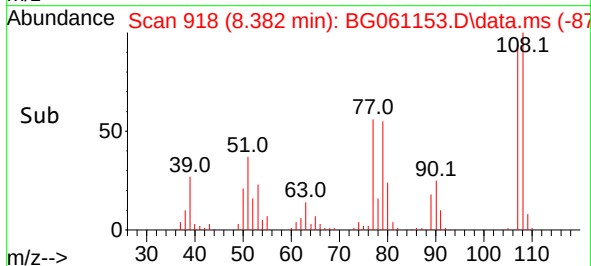
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:	107	Resp:	59690
Ion	Ratio	Lower	Upper
107	100		
108	105.9	91.4	137.2
77	59.8	49.4	74.2
79	58.7	45.9	68.9

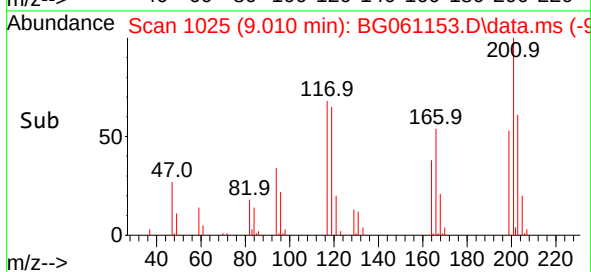
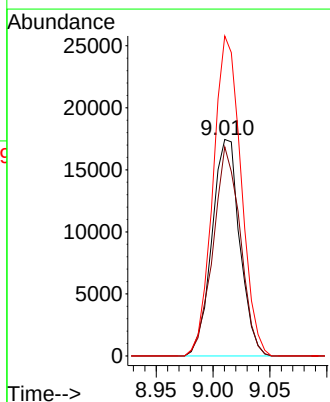
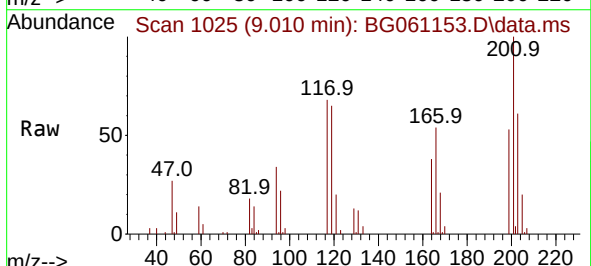
Manual Integrations
APPROVED

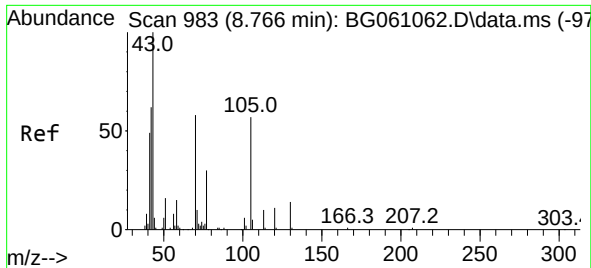
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#18
Hexachloroethane
Concen: 47.682 ng
RT: 9.010 min Scan# 1025
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

Tgt Ion:	117	Resp:	29680
Ion	Ratio	Lower	Upper
117	100		
119	96.6	71.4	107.0
201	147.8	105.8	158.8





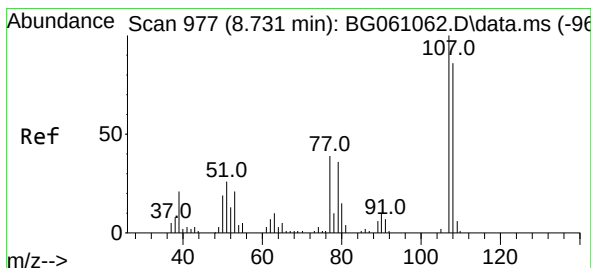
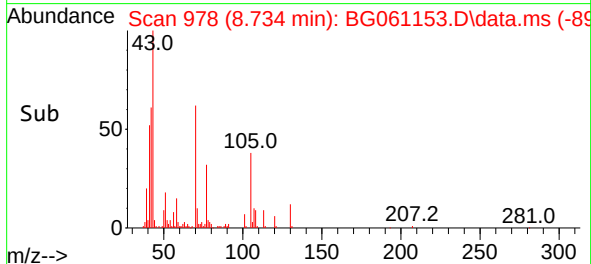
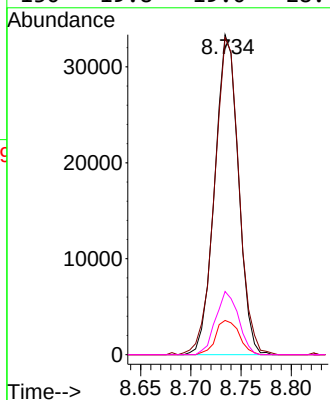
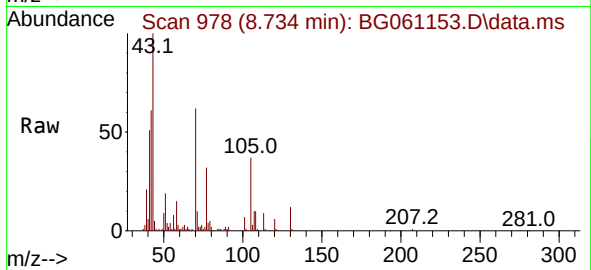
#19
n-Nitroso-di-n-propylamine
Concen: 42.236 ng
RT: 8.734 min Scan# 911
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD

Tgt Ion: 70 Resp: 5456
Ion Ratio Lower Upper
70 100
42 99.0 86.4 129.6
101 10.7 7.8 11.8
130 19.8 19.0 28.4

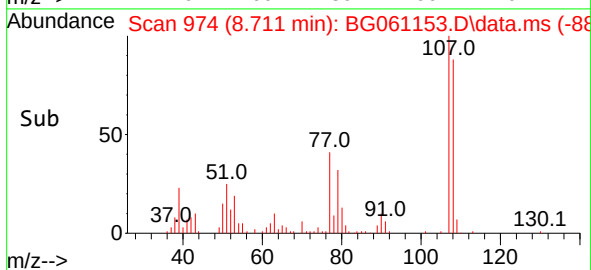
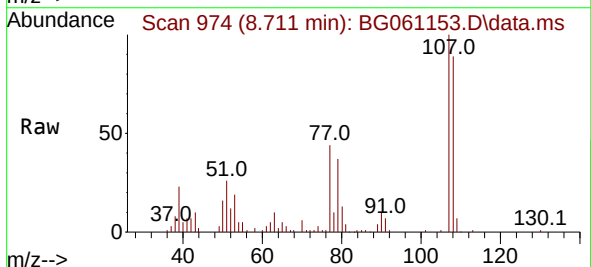
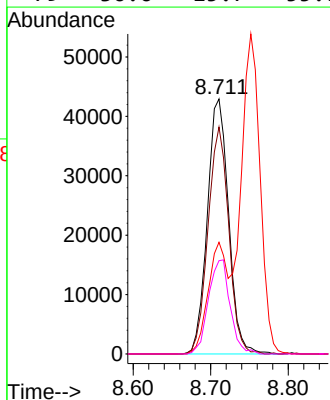
Manual Integrations
APPROVED

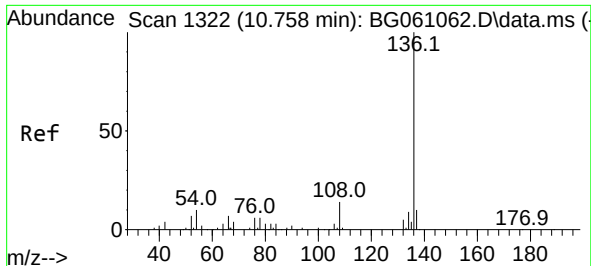
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#20
3+4-Methylphenols
Concen: 45.298 ng
RT: 8.711 min Scan# 974
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

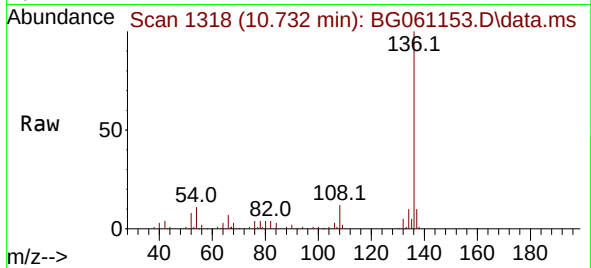
Tgt Ion:107 Resp: 81766
Ion Ratio Lower Upper
107 100
108 88.9 65.7 105.7
77 43.8 19.4 59.4
79 36.6 15.7 55.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

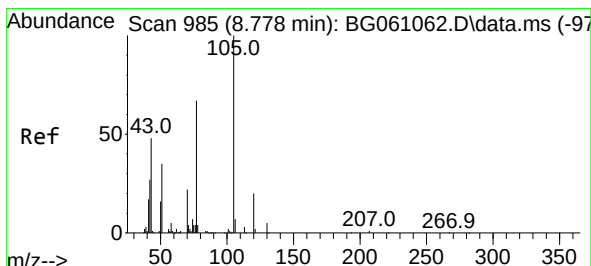
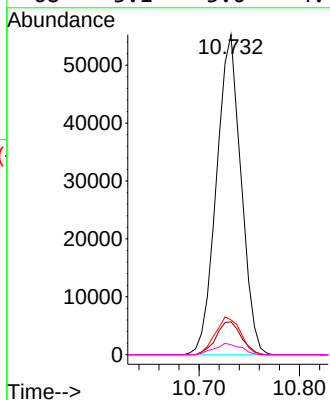
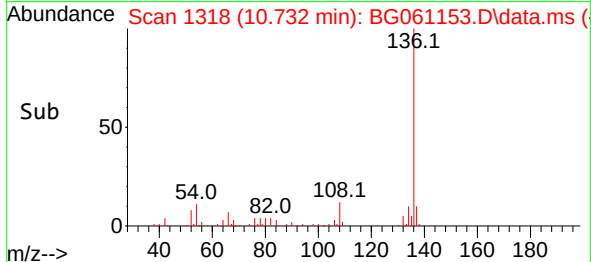
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:136 Resp: 93928
Ion Ratio Lower Upper
136 100
137 10.3 7.8 11.6
54 10.8 8.1 12.1
68 3.1 3.0 4.4

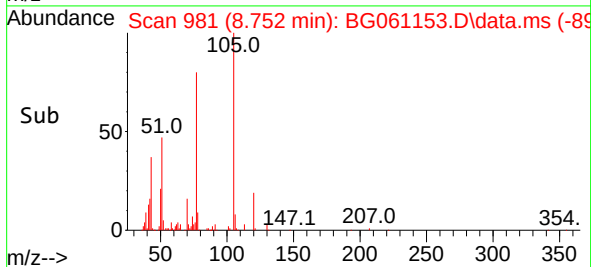
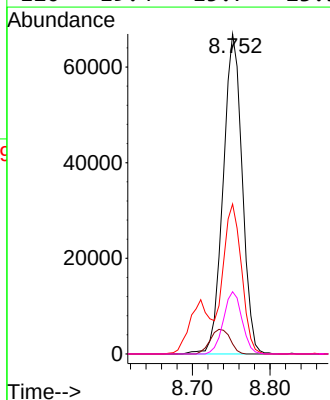
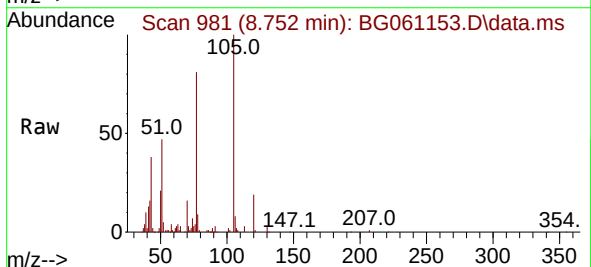
Manual Integrations
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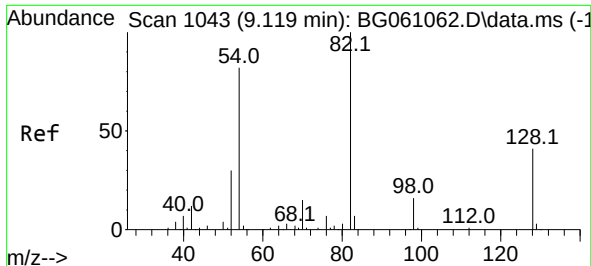
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#22
Acetophenone
Concen: 48.920 ng
RT: 8.752 min Scan# 981
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

Tgt Ion:105 Resp: 114433
Ion Ratio Lower Upper
105 100
71 3.1 3.3 4.9#
51 46.8 36.7 55.1
120 19.4 15.7 23.5





#23

Nitrobenzene-d5

Concen: 74.595 ng

RT: 9.092 min Scan# 1043

Delta R.T. -0.026 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

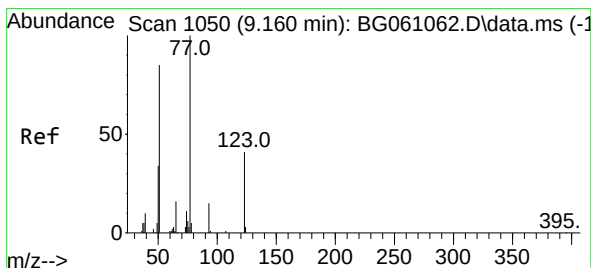
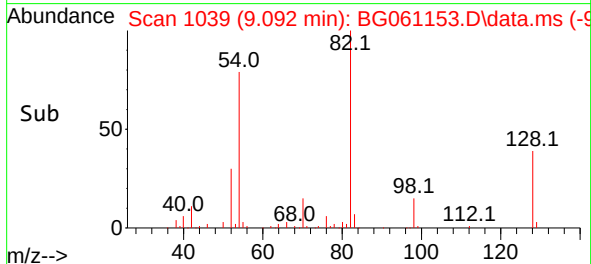
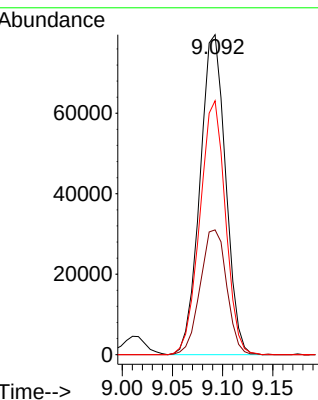
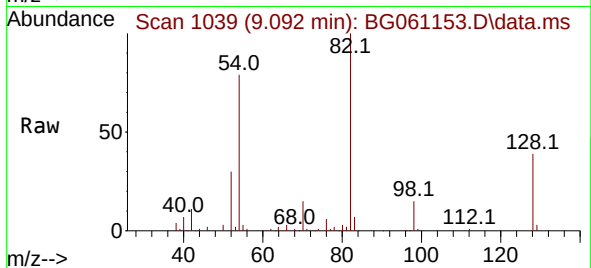
1011UMR-SS004-0212-01MSD

Tgt Ion: 82 Resp: 141340
 Ion Ratio Lower Upper
 82 100
 128 39.0 32.7 49.1
 54 79.3 65.6 98.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024



#24

Nitrobenzene

Concen: 47.080 ng

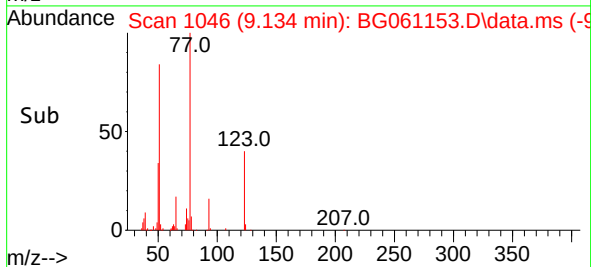
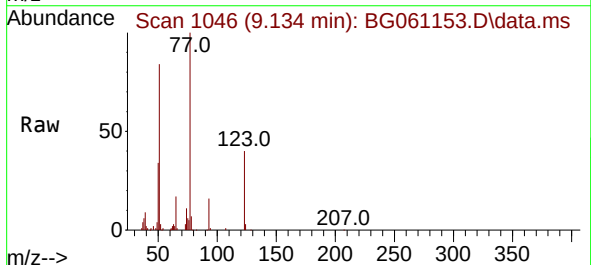
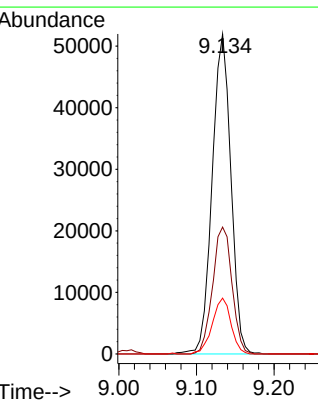
RT: 9.134 min Scan# 1046

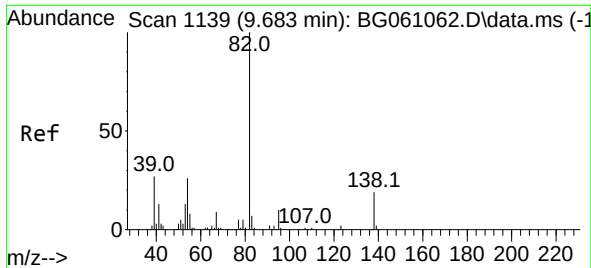
Delta R.T. -0.026 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

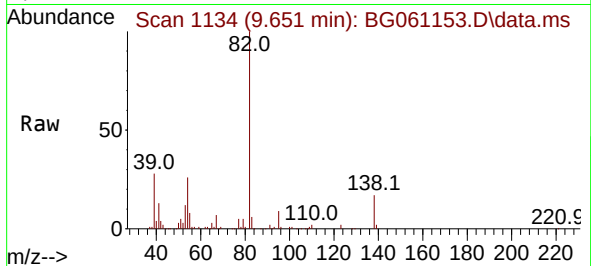
Tgt Ion: 77 Resp: 87268
 Ion Ratio Lower Upper
 77 100
 123 39.7 33.1 49.7
 65 17.5 13.1 19.7





#25
Isophorone
Concen: 43.050 ng
RT: 9.651 min Scan# 1134
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

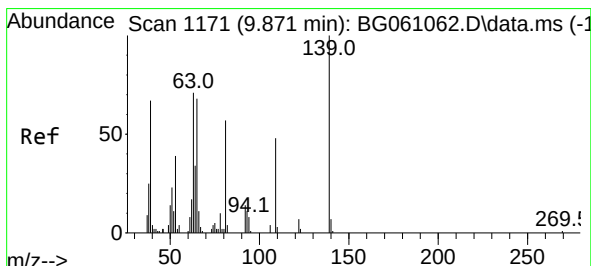
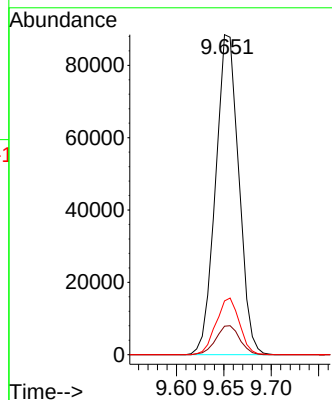
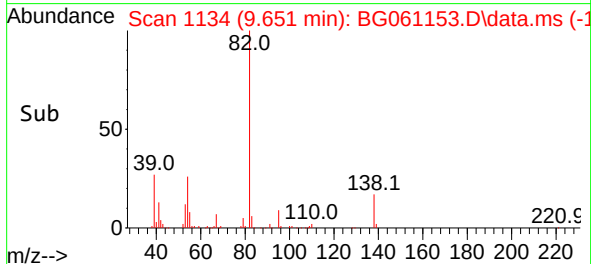
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



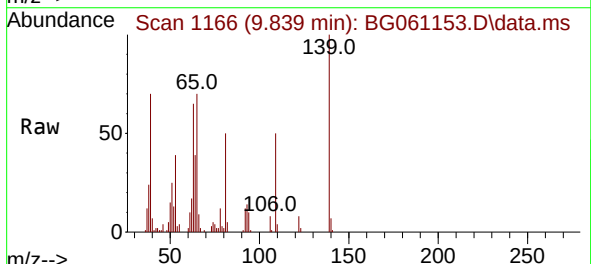
Tgt Ion: 82 Resp: 15078
Ion Ratio Lower Upper
82 100
95 8.9 8.3 12.5
138 16.8 15.2 22.8

Manual Integrations
APPROVED

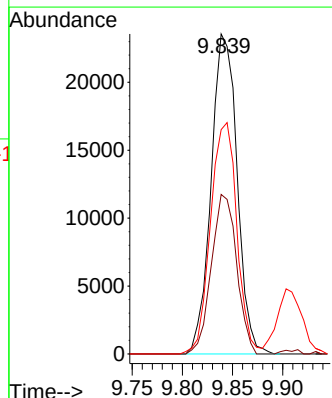
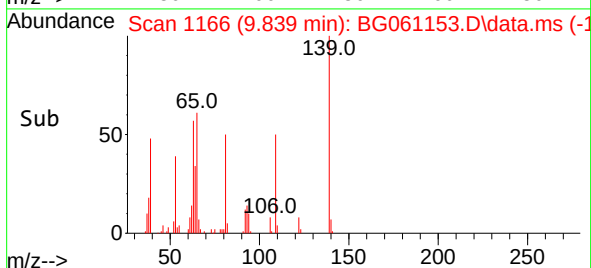
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

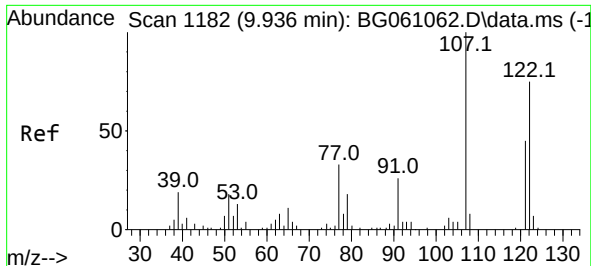


#26
2-Nitrophenol
Concen: 48.275 ng
RT: 9.839 min Scan# 1166
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



Tgt Ion:139 Resp: 42396
Ion Ratio Lower Upper
139 100
109 49.8 38.5 57.7
65 70.1 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 53.796 ng

RT: 9.909 min Scan# 1182

Delta R.T. -0.026 min

Lab File: BG061153.D

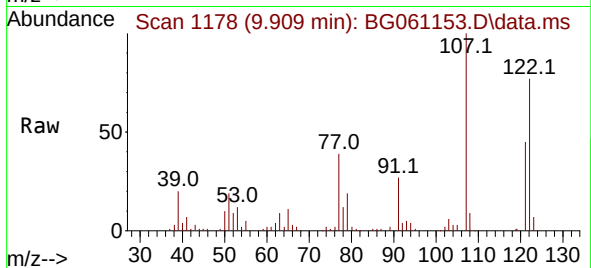
Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS004-0212-01MSD

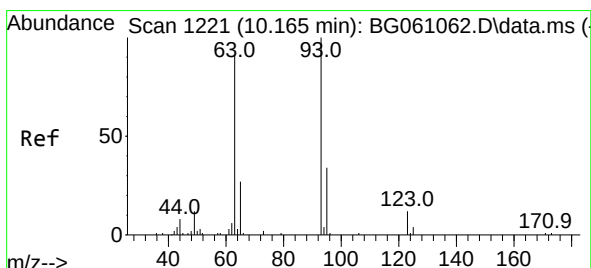
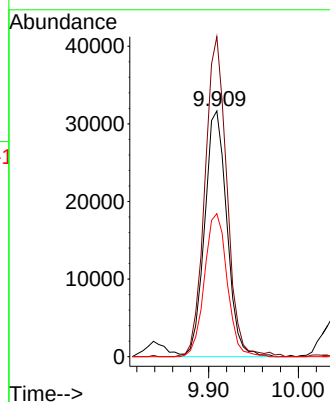
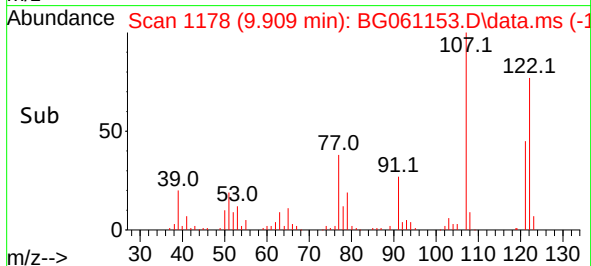


Tgt Ion:	122	Resp:	5446
Ion Ratio	Lower	Upper	
122	100		
107	130.2	106.9	160.3
121	58.2	48.5	72.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.231 ng

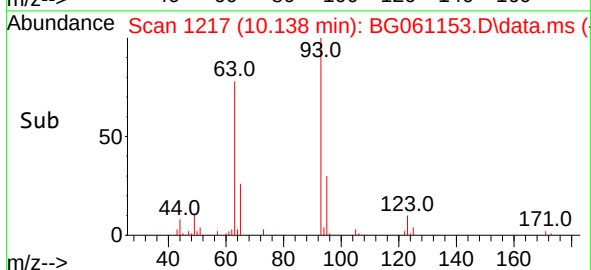
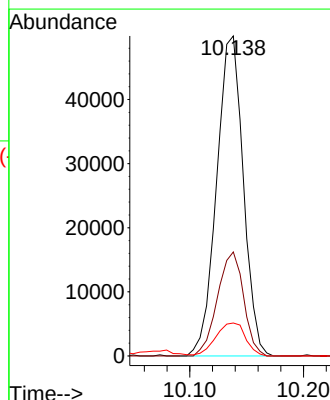
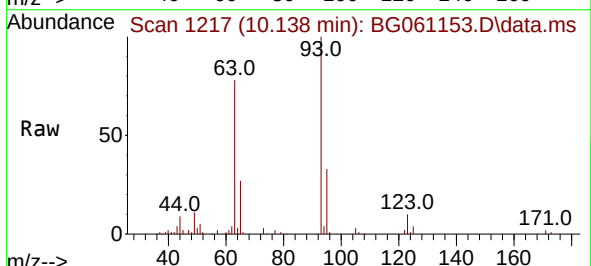
RT: 10.138 min Scan# 1217

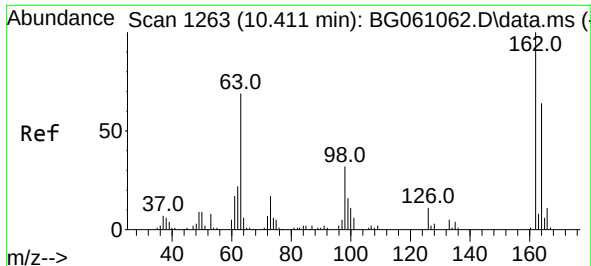
Delta R.T. -0.026 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

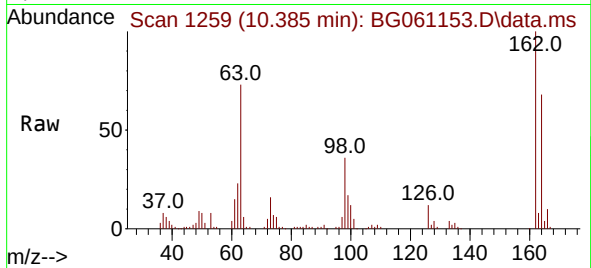
Tgt Ion:	93	Resp:	81188
Ion Ratio	Lower	Upper	
93	100		
95	32.5	27.4	41.0
123	10.3	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 49.847 ng
RT: 10.385 min Scan# 1259
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

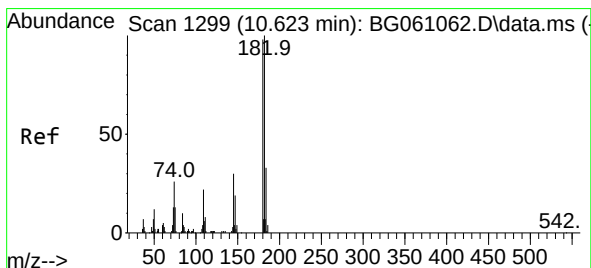
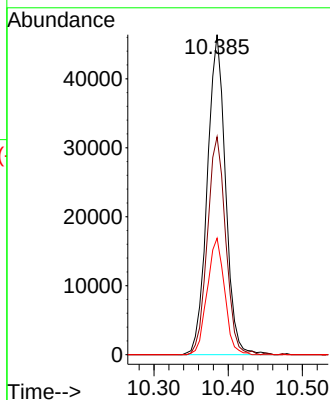
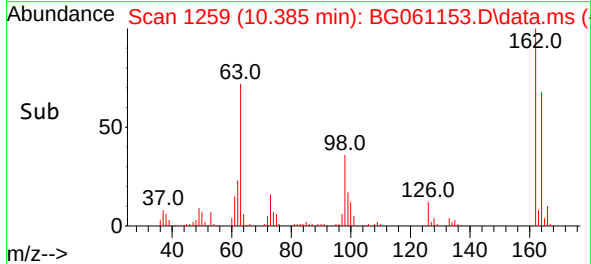
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:162 Resp: 79078
Ion Ratio Lower Upper
162 100
164 68.1 43.6 83.6
98 36.4 12.3 52.3

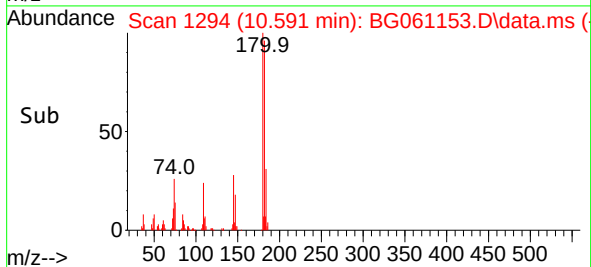
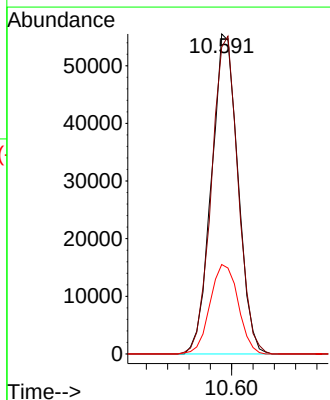
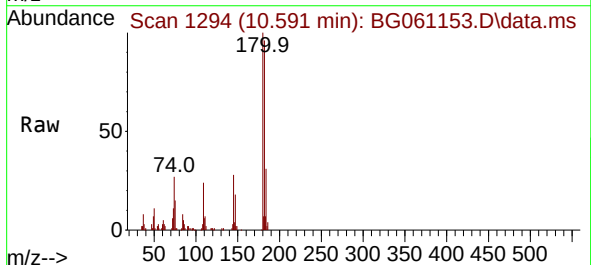
Manual Integrations
APPROVED

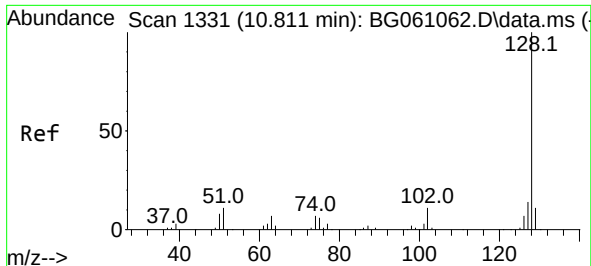
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#30
1,2,4-Trichlorobenzene
Concen: 49.997 ng
RT: 10.591 min Scan# 1294
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

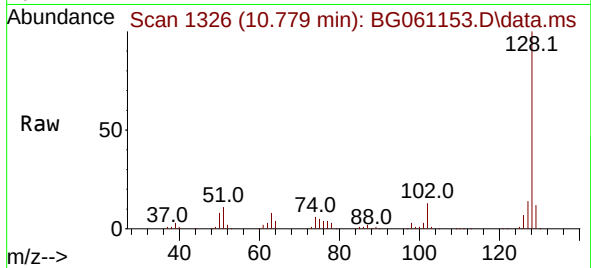
Tgt Ion:180 Resp: 95570
Ion Ratio Lower Upper
180 100
182 95.9 81.7 122.5
145 28.0 24.5 36.7





#31
Naphthalene
Concen: 47.075 ng
RT: 10.779 min Scan# 11
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

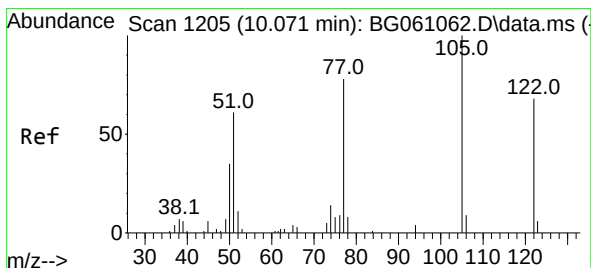
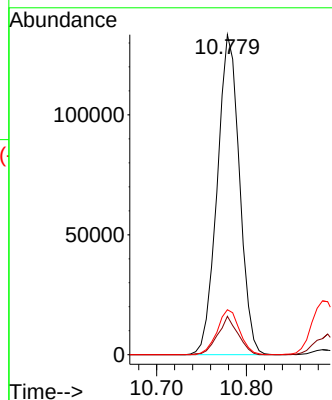
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:128 Resp: 22980
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 14.1 11.1 16.7

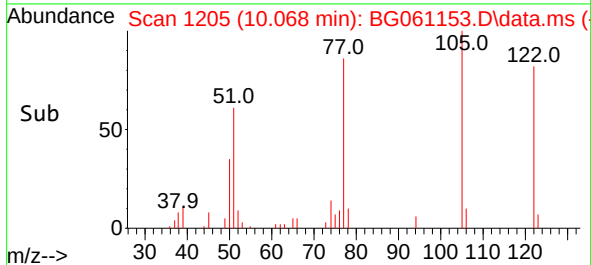
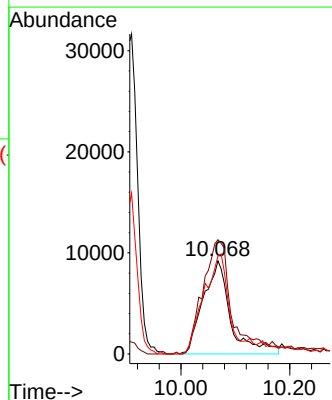
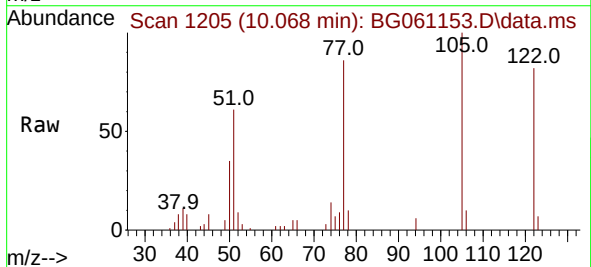
Manual Integrations
APPROVED

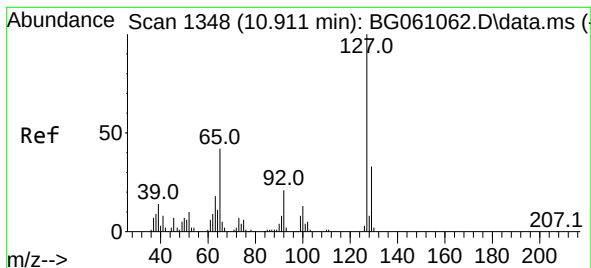
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#32
Benzoic acid
Concen: 27.561 ng m
RT: 10.068 min Scan# 1205
Delta R.T. -0.003 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

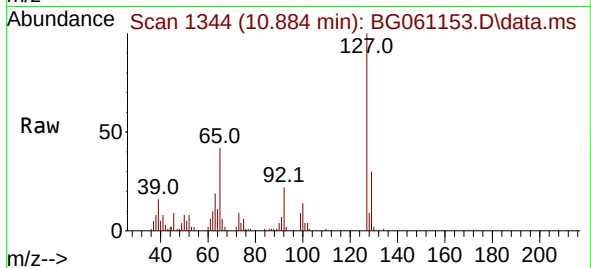
Tgt Ion:122 Resp: 32259
Ion Ratio Lower Upper
122 100
105 122.7 123.3 163.3#
77 105.0 93.2 133.2





#33
4-Chloroaniline
Concen: 25.462 ng
RT: 10.884 min Scan# 1344
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

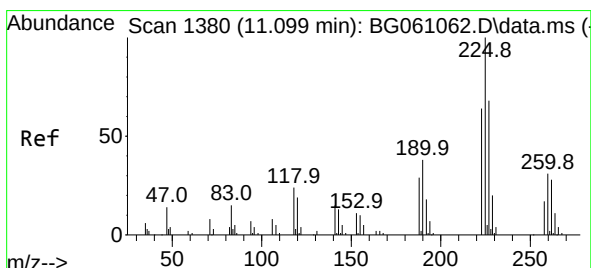
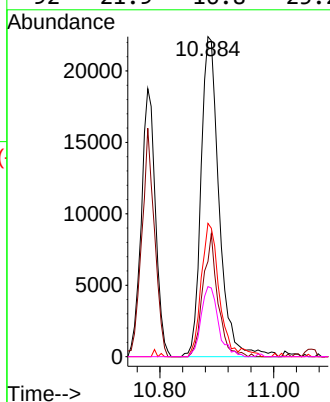
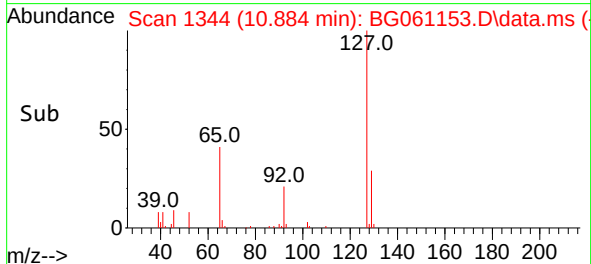
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



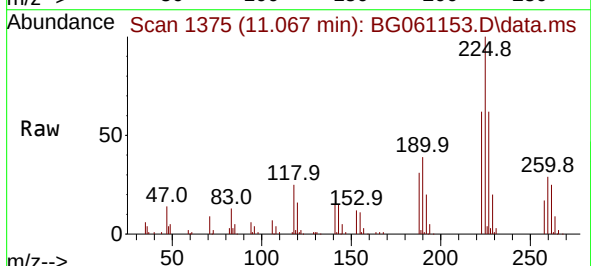
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.7	26.6	39.8
65	41.7	33.6	50.4
92	21.9	16.8	25.2

Manual Integrations
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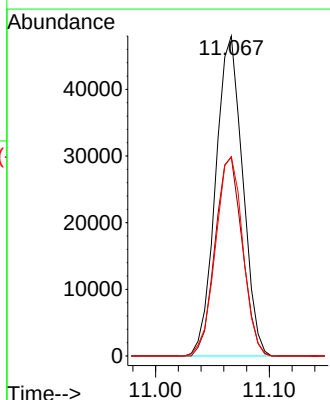
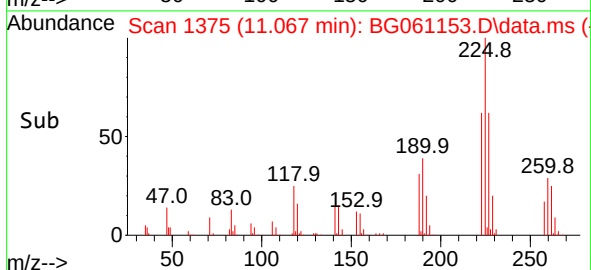
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

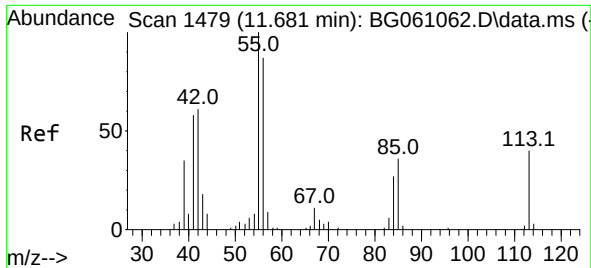


#34
Hexachlorobutadiene
Concen: 48.378 ng
RT: 11.067 min Scan# 1375
Delta R.T. -0.032 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



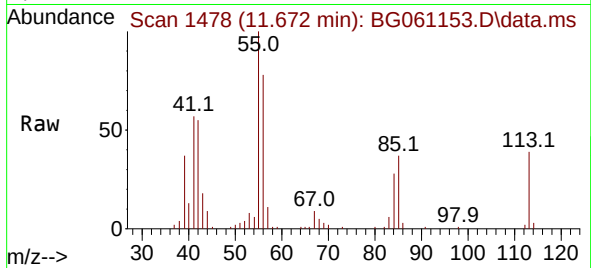
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.4
227	62.3	54.6	82.0





#35
Caprolactam
Concen: 40.427 ng m
RT: 11.672 min Scan# 1479
Delta R.T. -0.009 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

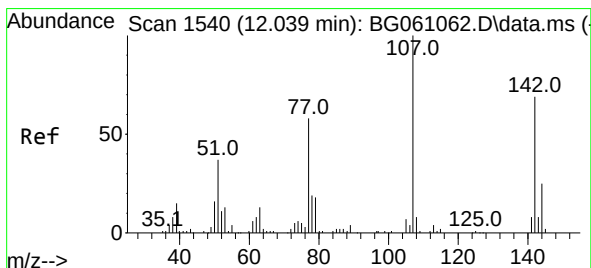
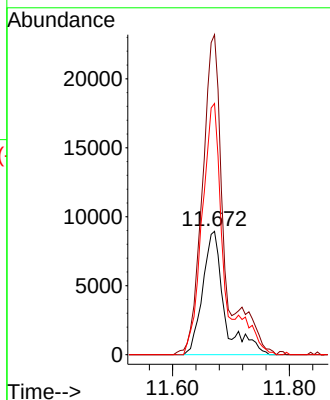
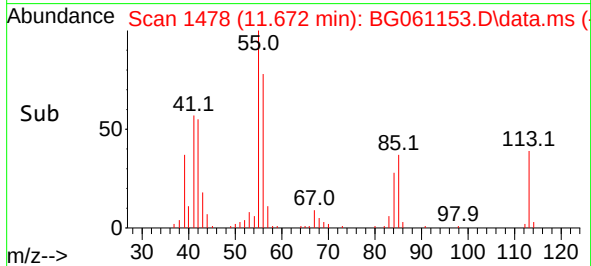
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:113 Resp: 23090
Ion Ratio Lower Upper
113 100
55 259.2 227.6 267.6
56 203.5 195.1 235.1

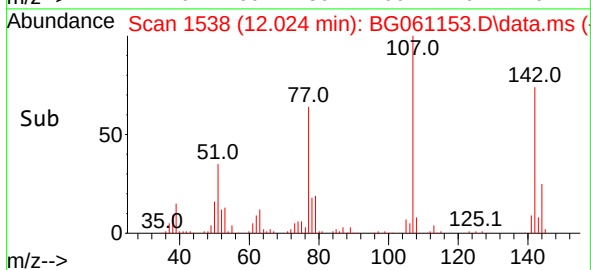
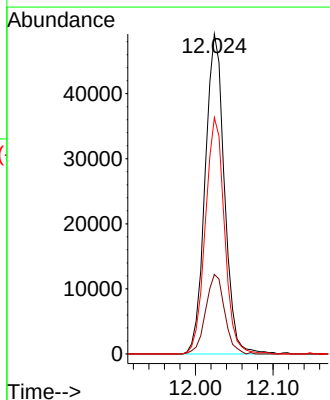
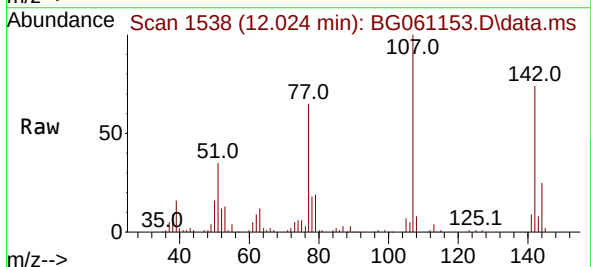
Manual Integrations
APPROVED

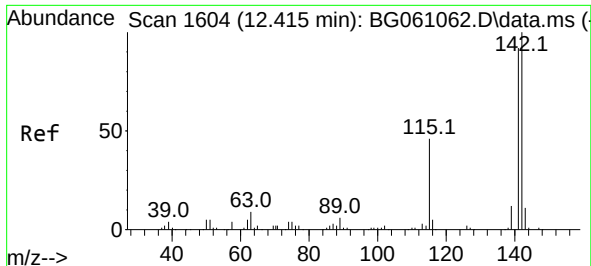
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#36
4-Chloro-3-methylphenol
Concen: 44.308 ng
RT: 12.024 min Scan# 1538
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

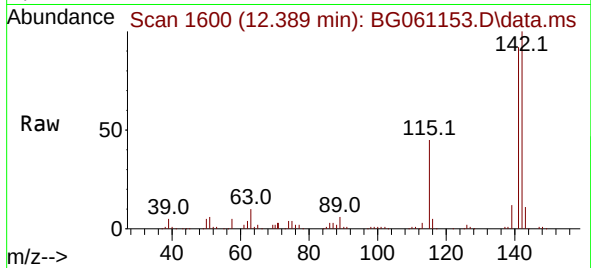
Tgt Ion:107 Resp: 84760
Ion Ratio Lower Upper
107 100
144 24.9 20.2 30.4
142 73.8 55.6 83.4





#37
2-Methylnaphthalene
Concen: 46.137 ng
RT: 12.389 min Scan# 1600
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

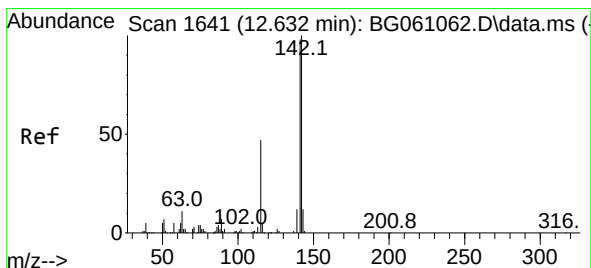
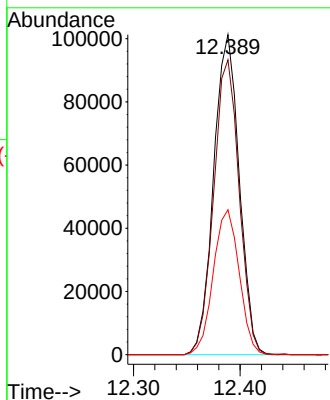
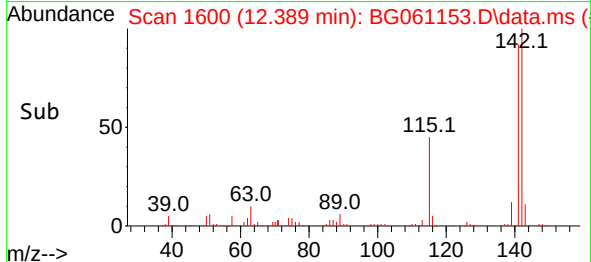
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



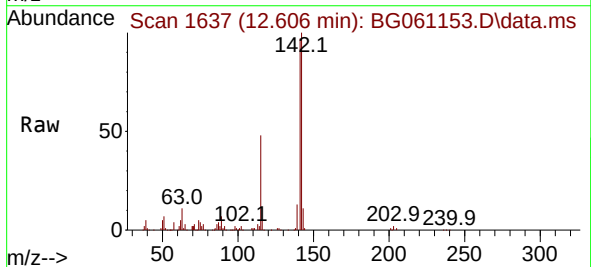
Tgt Ion:142 Resp: 168772
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.8
115 45.3 36.9 55.3

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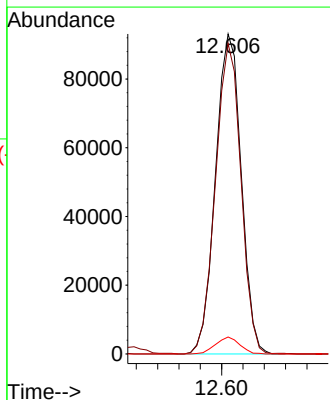
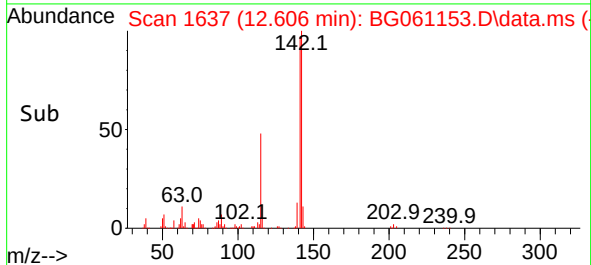
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

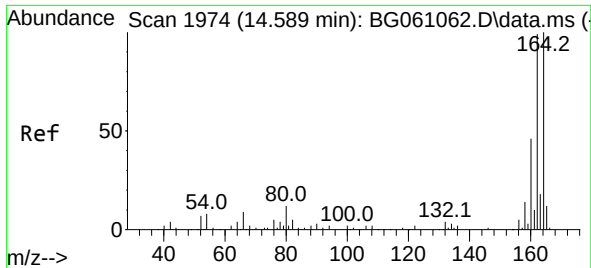


#38
1-Methylnaphthalene
Concen: 42.343 ng
RT: 12.606 min Scan# 1637
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



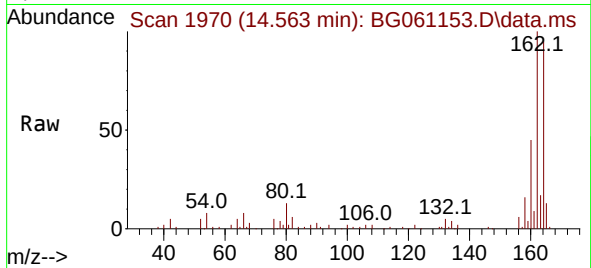
Tgt Ion:142 Resp: 155936
Ion Ratio Lower Upper
142 100
141 97.0 78.4 117.6
116 5.3 4.3 6.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1974
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

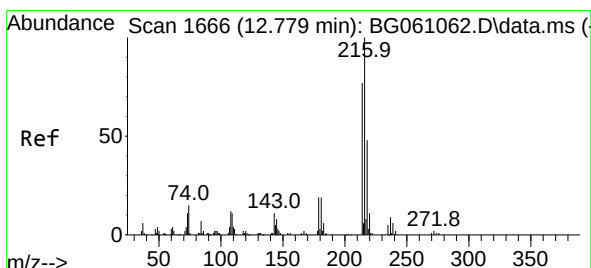
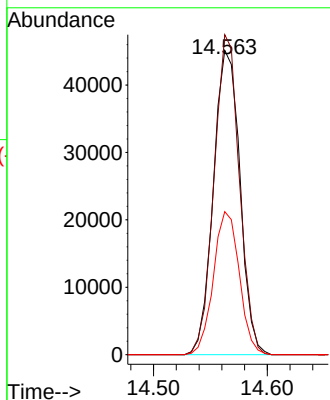
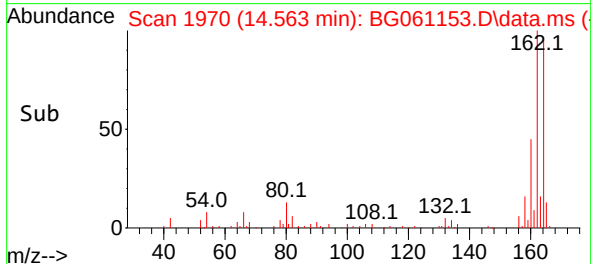
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



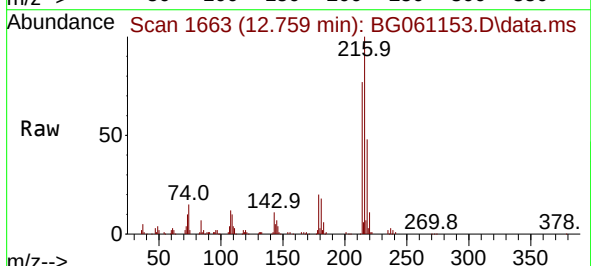
Tgt Ion:164 Resp: 73218
Ion Ratio Lower Upper
164 100
162 105.2 79.4 119.2
160 47.0 37.0 55.6

Manual Integrations
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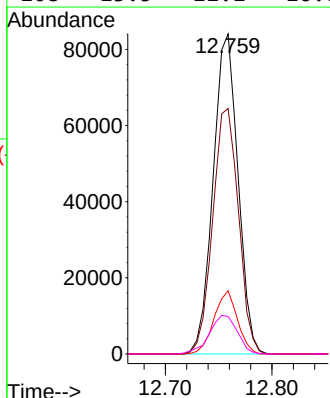
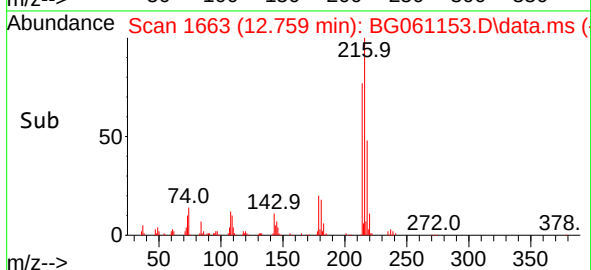
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

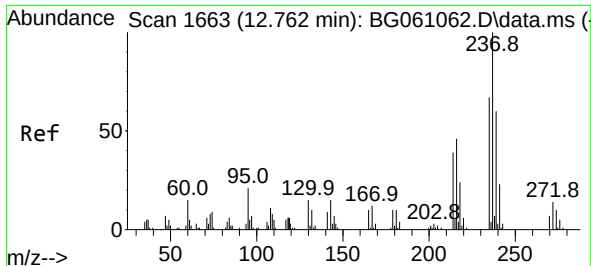


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.679 ng
RT: 12.759 min Scan# 1663
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



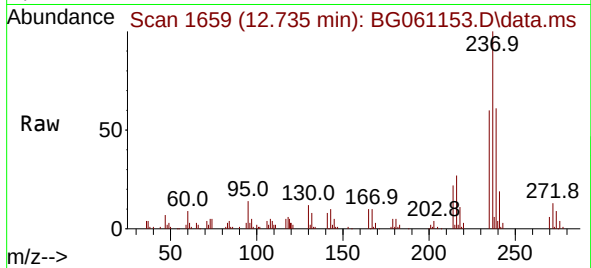
Tgt Ion:216 Resp: 136051
Ion Ratio Lower Upper
216 100
214 79.4 64.2 96.2
179 18.6 15.4 23.2
108 13.5 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 67.842 ng
RT: 12.735 min Scan# 1659
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

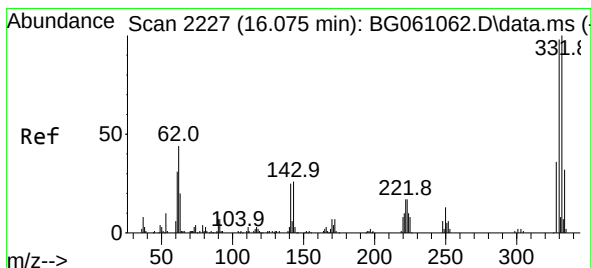
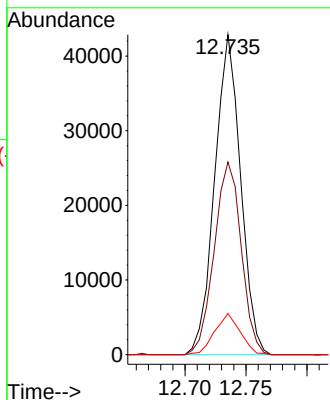
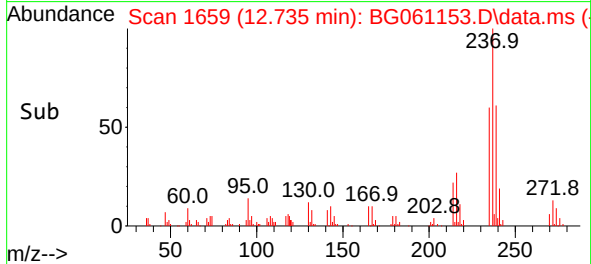
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:237 Resp: 63460
Ion Ratio Lower Upper
237 100
235 60.2 46.5 86.5
272 12.9 0.0 33.9

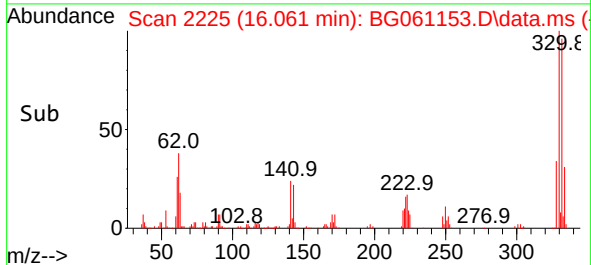
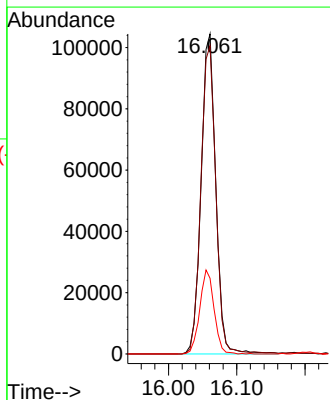
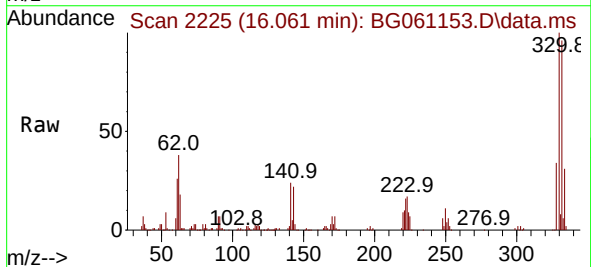
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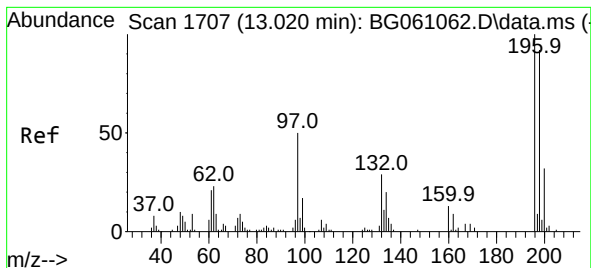
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#42
2,4,6-Tribromophenol
Concen: 106.694 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

Tgt Ion:330 Resp: 156147
Ion Ratio Lower Upper
330 100
332 97.4 78.6 117.8
141 25.5 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 50.779 ng

RT: 13.000 min Scan# 1718

Delta R.T. -0.020 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

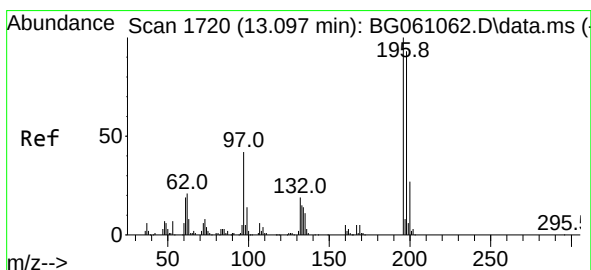
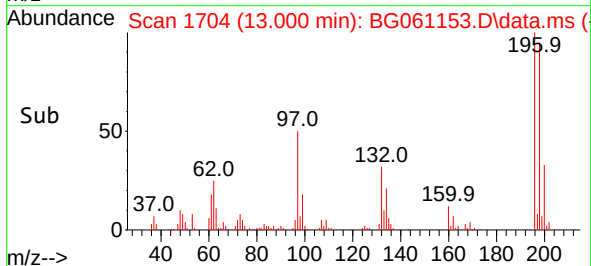
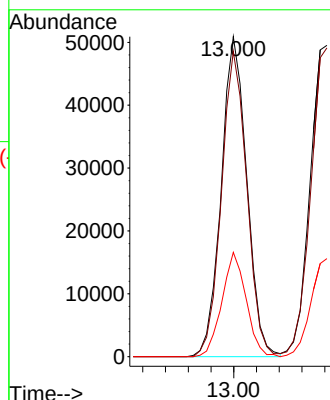
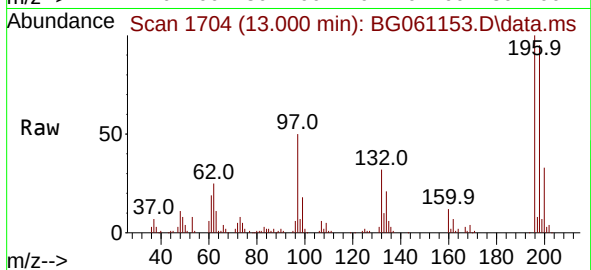
1011UMR-SS004-0212-01MSD

Tgt Ion:196 Resp: 79659
 Ion Ratio Lower Upper
 196 100
 198 95.4 73.8 110.6
 200 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024



#44

2,4,5-Trichlorophenol

Concen: 47.897 ng

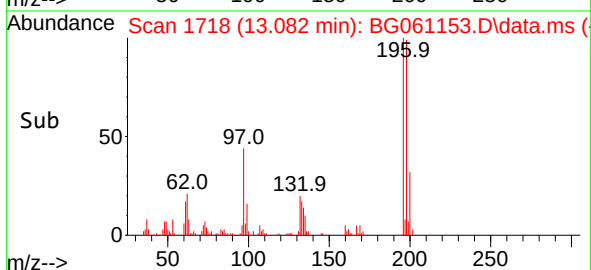
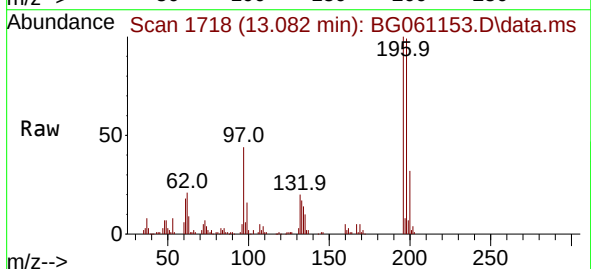
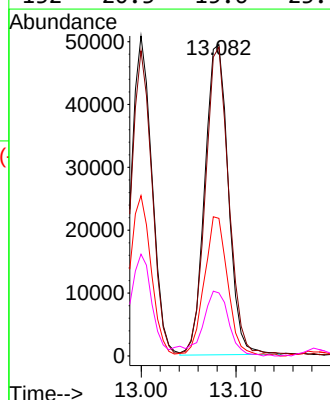
RT: 13.082 min Scan# 1718

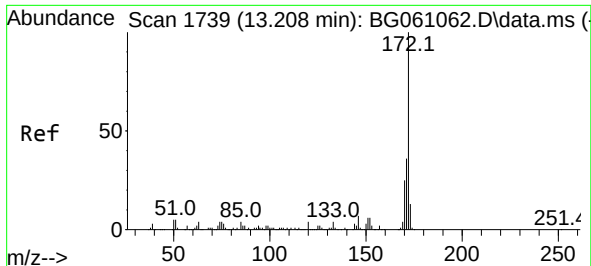
Delta R.T. -0.015 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

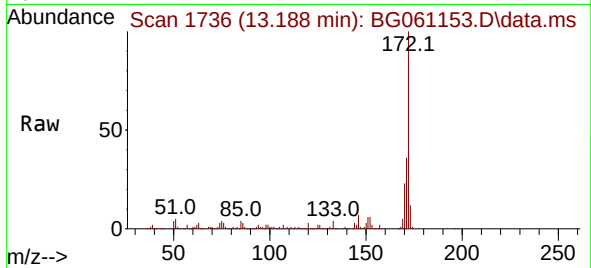
Tgt Ion:196 Resp: 85040
 Ion Ratio Lower Upper
 196 100
 198 99.2 74.3 111.5
 97 44.2 33.6 50.4
 132 20.3 15.6 23.4





#45
2-Fluorobiphenyl
Concen: 75.525 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

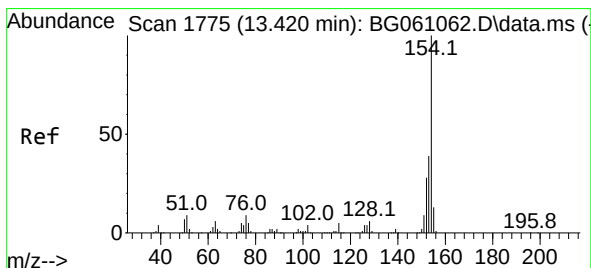
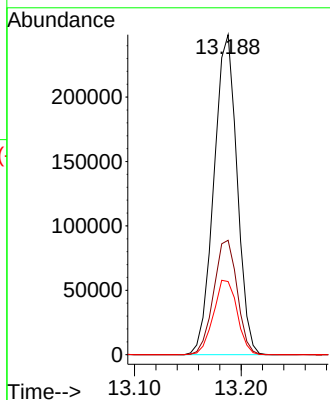
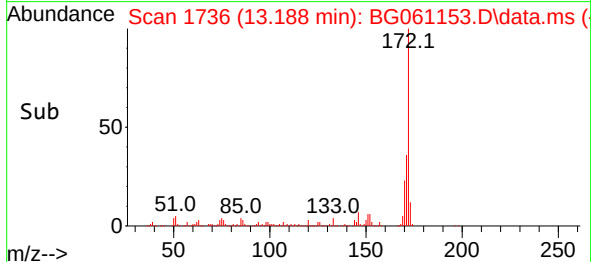
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



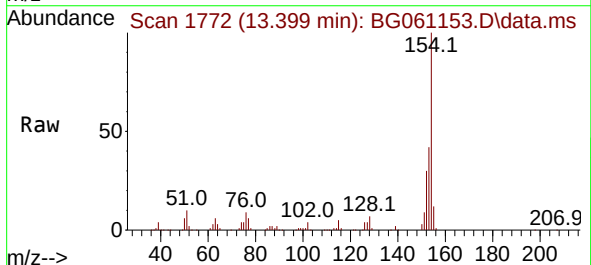
Tgt Ion:172 Resp: 37396
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 22.9 20.2 30.4

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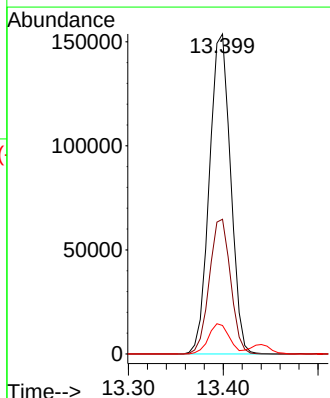
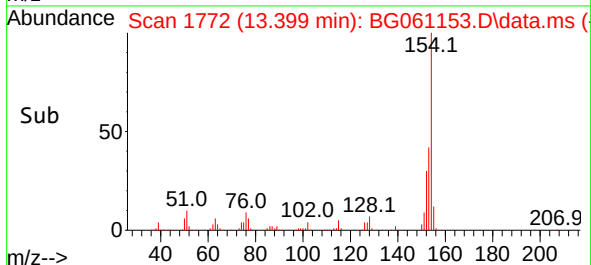
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

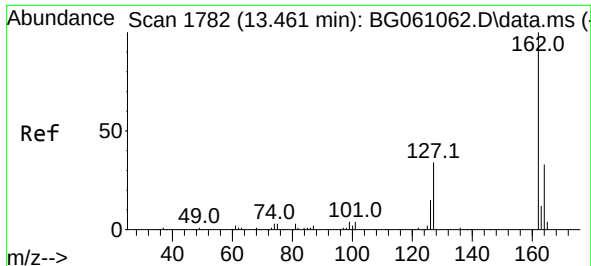


#46
1,1'-Biphenyl
Concen: 50.796 ng
RT: 13.399 min Scan# 1772
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



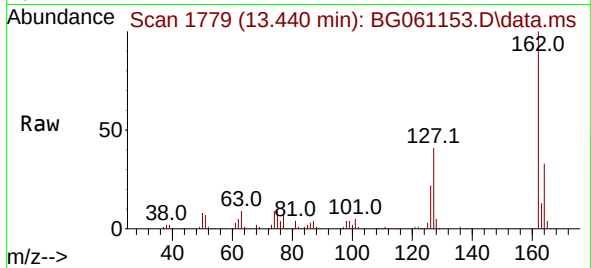
Tgt Ion:154 Resp: 238466
Ion Ratio Lower Upper
154 100
153 42.1 19.3 59.3
76 8.9 0.0 28.8





#47
2-Chloronaphthalene
Concen: 49.810 ng
RT: 13.440 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

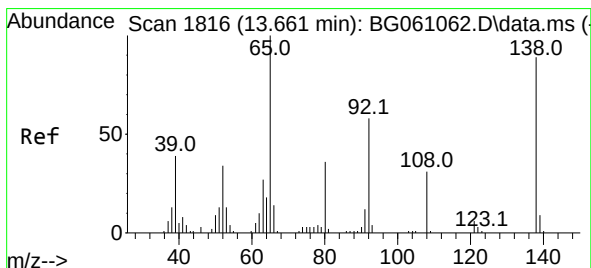
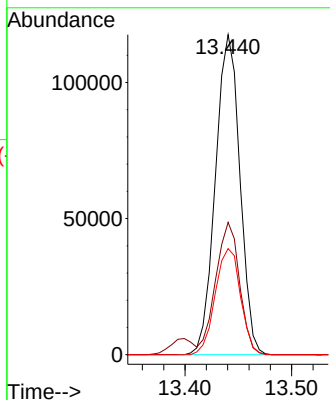
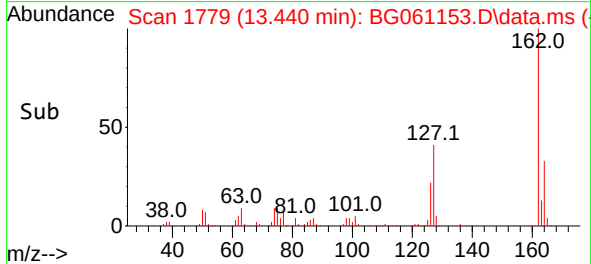
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:162 Resp: 187240
Ion Ratio Lower Upper
162 100
127 41.3 30.7 46.1
164 33.2 26.8 40.2

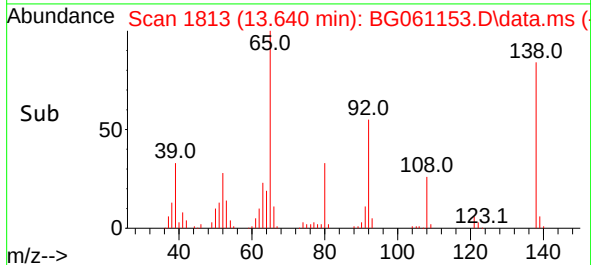
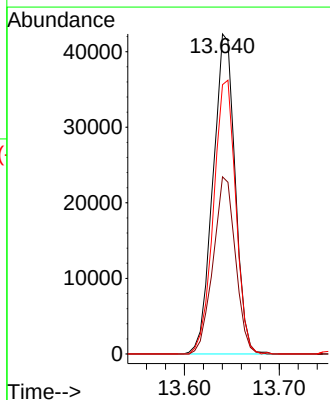
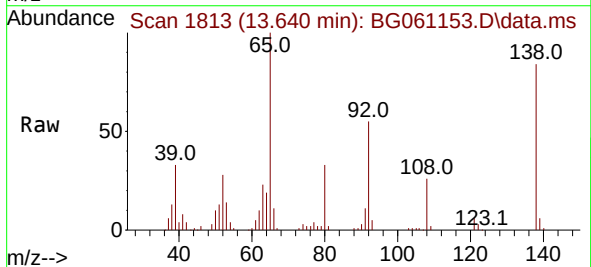
Manual Integrations
APPROVED

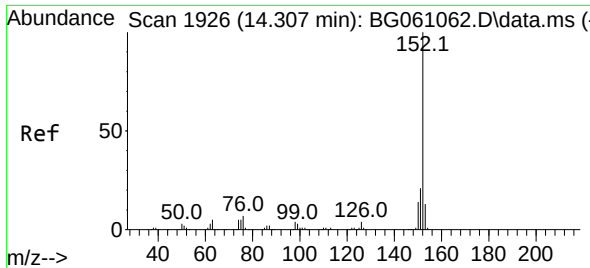
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#48
2-Nitroaniline
Concen: 49.358 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

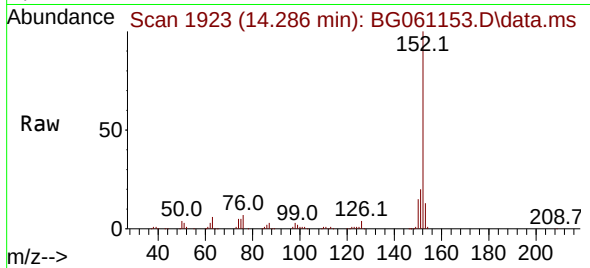
Tgt Ion: 65 Resp: 68852
Ion Ratio Lower Upper
65 100
92 55.4 46.7 70.1
138 84.1 71.4 107.2





#49
Acenaphthylene
Concen: 53.030 ng
RT: 14.286 min Scan# 1926
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

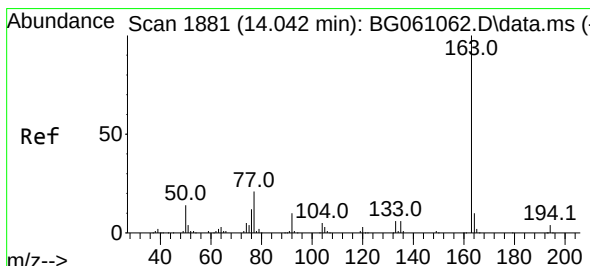
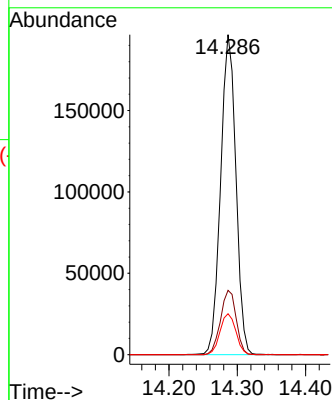
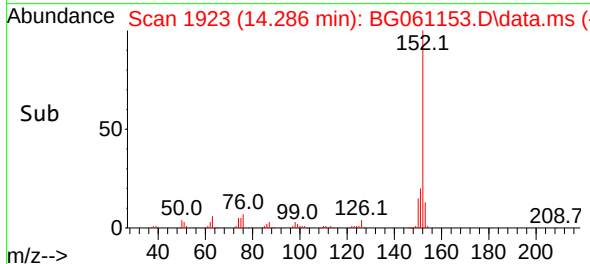
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



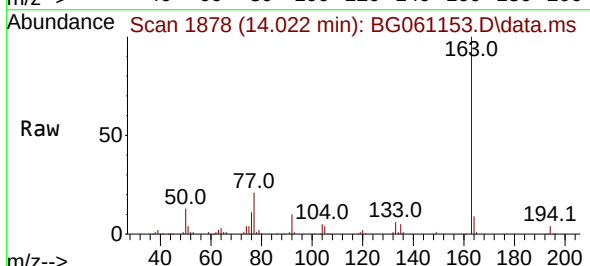
Tgt Ion:152 Resp: 30618
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 12.8 10.6 15.8

Manual Integrations
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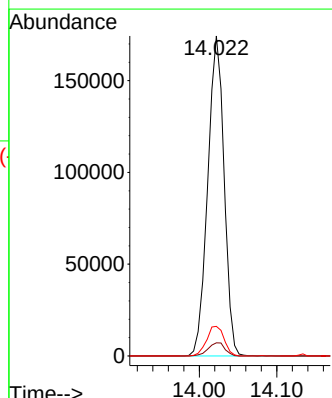
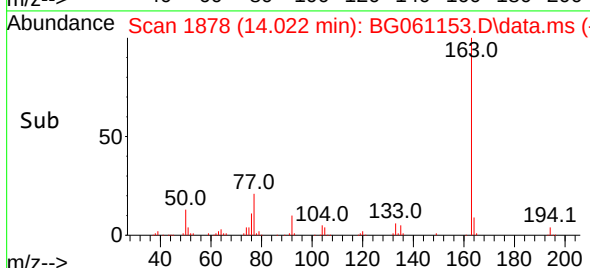
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

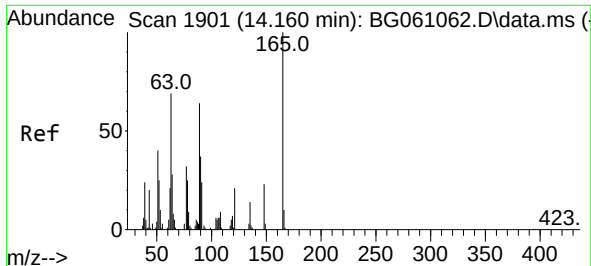


#50
Dimethylphthalate
Concen: 45.149 ng
RT: 14.022 min Scan# 1878
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



Tgt Ion:163 Resp: 255329
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.2 7.8 11.8





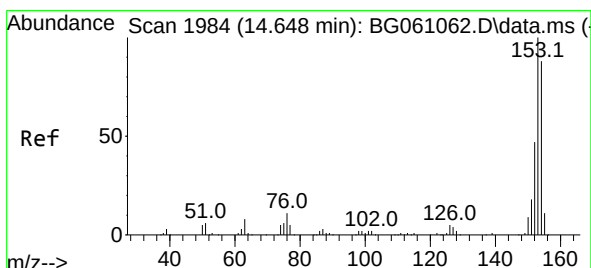
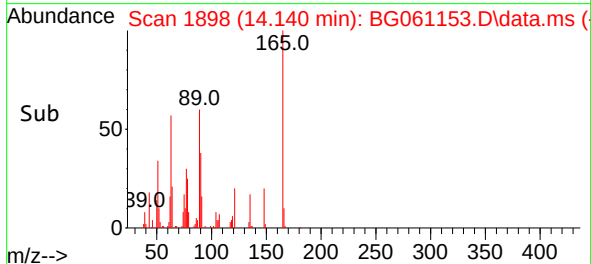
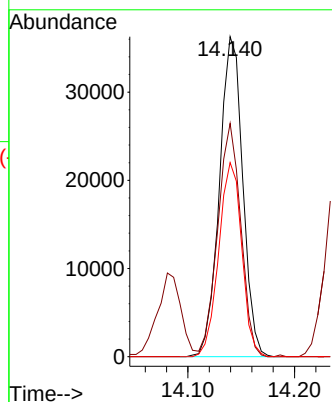
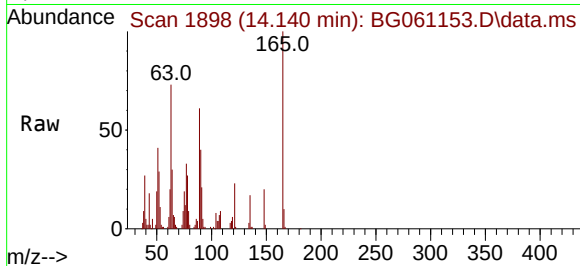
#51
2,6-Dinitrotoluene
Concen: 45.481 ng
RT: 14.140 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD

Tgt Ion:165 Resp: 55010
Ion Ratio Lower Upper
165 100
63 72.9 60.0 90.0
89 60.6 50.9 76.3

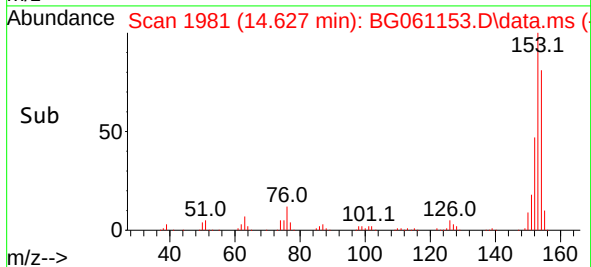
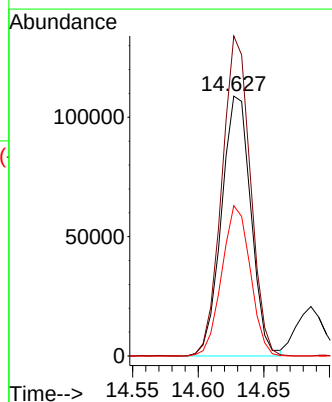
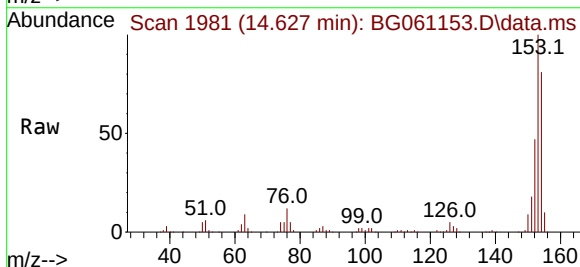
Manual Integrations
APPROVED

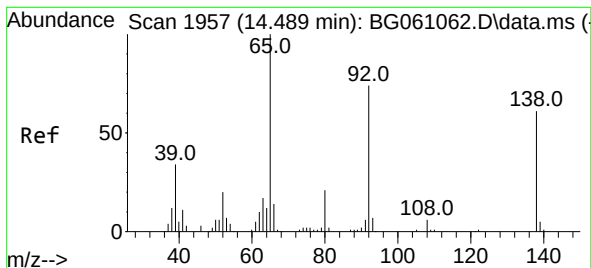
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#52
Acenaphthene
Concen: 47.162 ng
RT: 14.627 min Scan# 1981
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

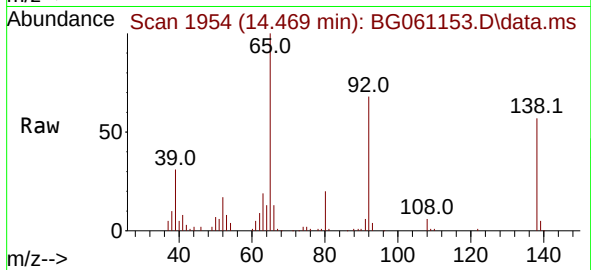
Tgt Ion:154 Resp: 169870
Ion Ratio Lower Upper
154 100
153 123.2 91.0 136.4
152 57.8 43.1 64.7





#53
3-Nitroaniline
Concen: 32.345 ng
RT: 14.469 min Scan# 1954
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

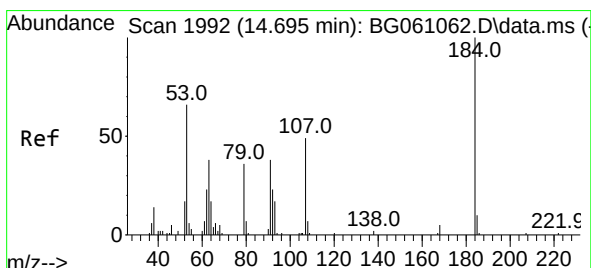
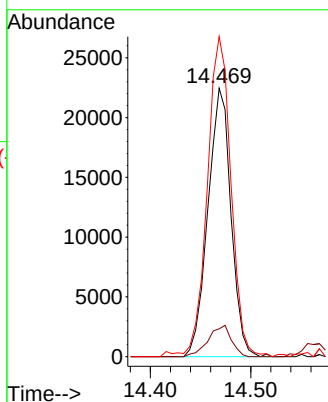
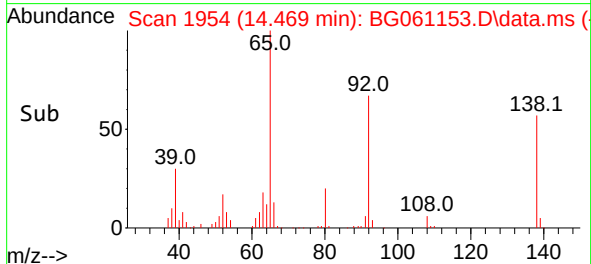
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:138 Resp: 35800
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 119.2 98.0 147.0

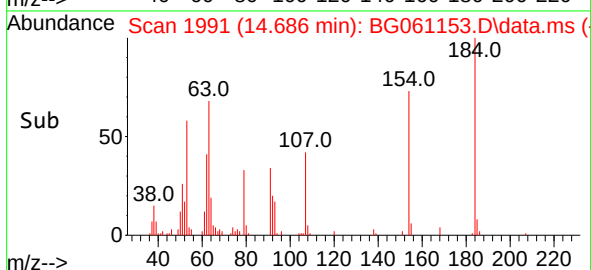
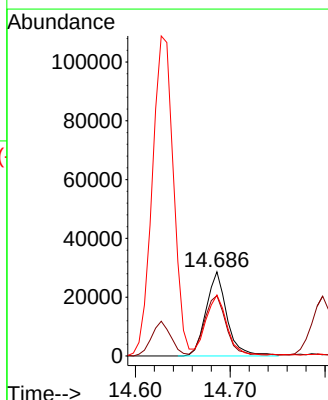
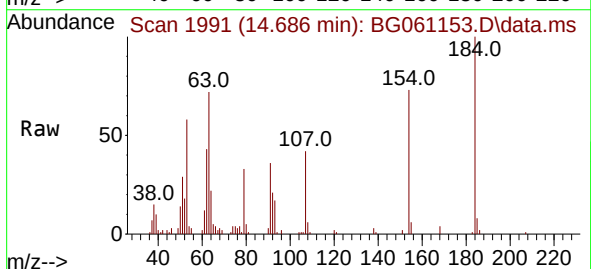
Manual Integrations
APPROVED

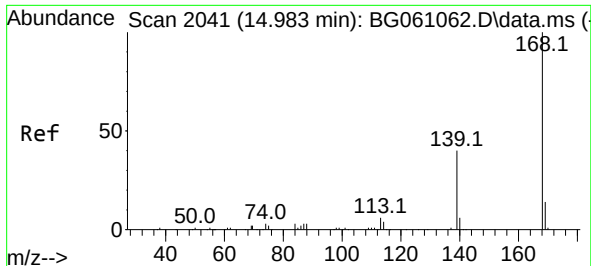
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#54
2,4-Dinitrophenol
Concen: 51.818 ng
RT: 14.686 min Scan# 1991
Delta R.T. -0.009 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

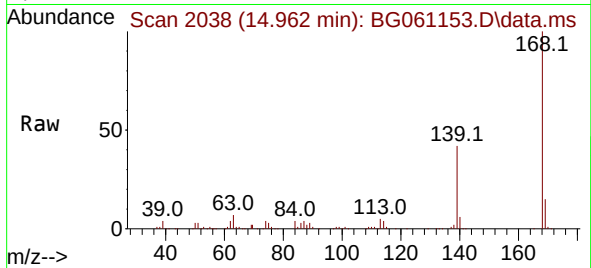
Tgt Ion:184 Resp: 43747
Ion Ratio Lower Upper
184 100
63 71.7 62.6 93.8
154 72.5 61.4 92.0





#55
Dibenzenofuran
Concen: 49.162 ng
RT: 14.962 min Scan# 2010
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

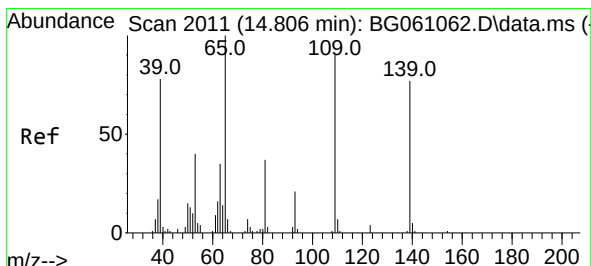
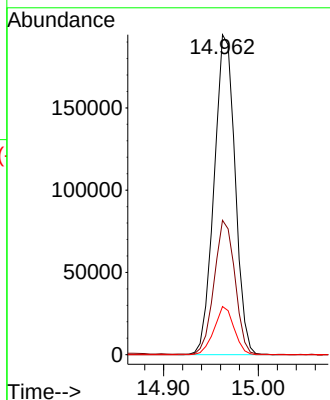
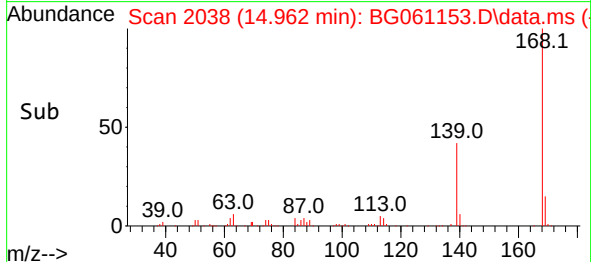
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:168 Resp: 299089
Ion Ratio Lower Upper
168 100
139 42.0 32.2 48.4
169 15.1 11.4 17.2

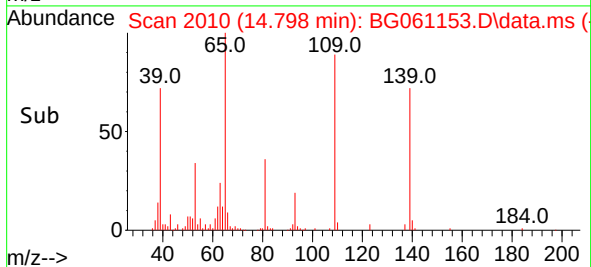
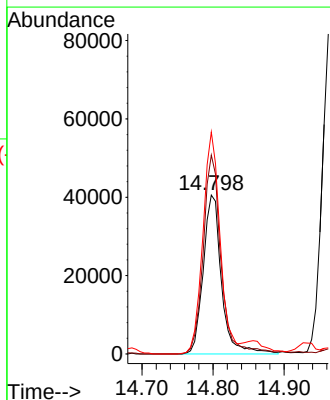
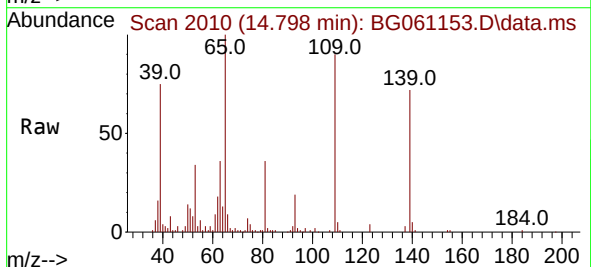
Manual Integrations
APPROVED

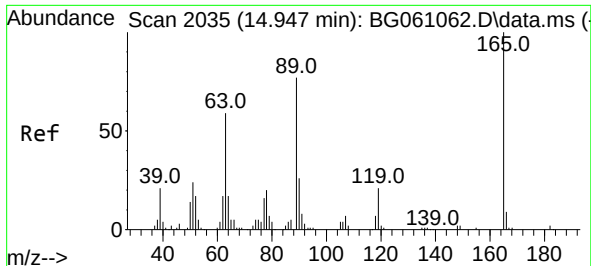
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#56
4-Nitrophenol
Concen: 81.193 ng
RT: 14.798 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

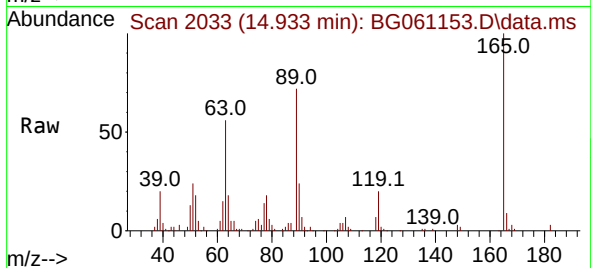
Tgt Ion:139 Resp: 72626
Ion Ratio Lower Upper
139 100
109 125.1 97.7 137.7
65 139.7 110.7 150.7





#57
2,4-Dinitrotoluene
Concen: 43.599 ng
RT: 14.933 min Scan# 2035
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

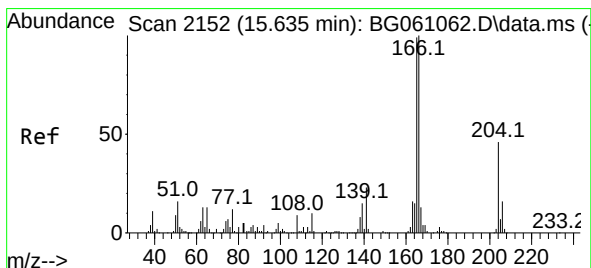
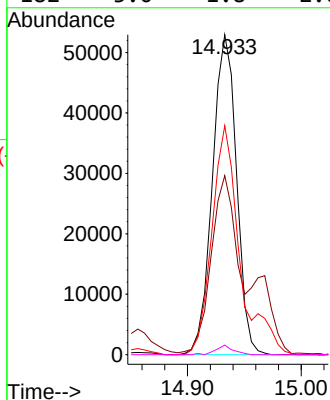
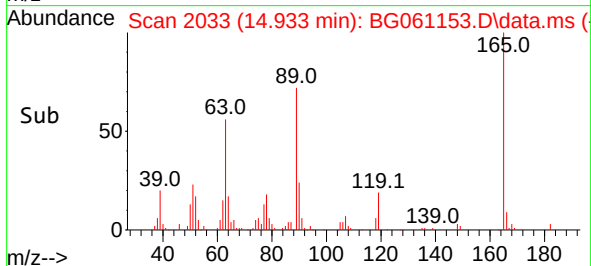
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



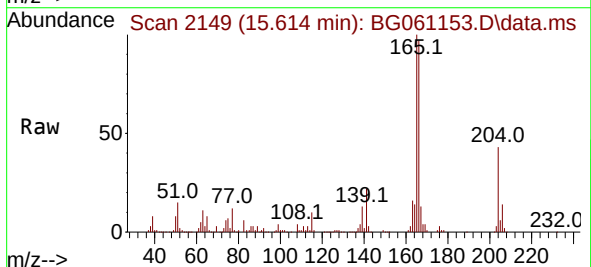
Tgt Ion:165 Resp: 7802
Ion Ratio Lower Upper
165 100
63 56.0 47.3 70.9
89 71.6 61.8 92.8
182 3.0 1.8 2.6#

Manual Integrations
APPROVED

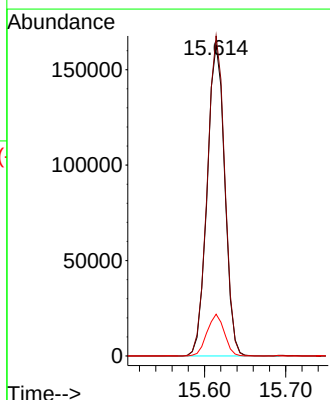
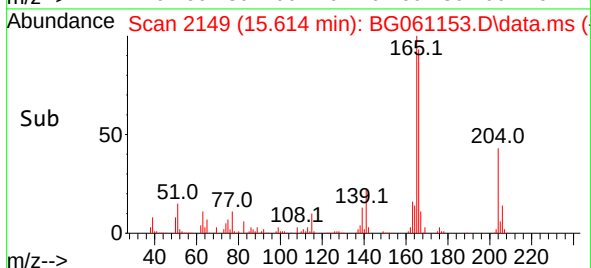
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

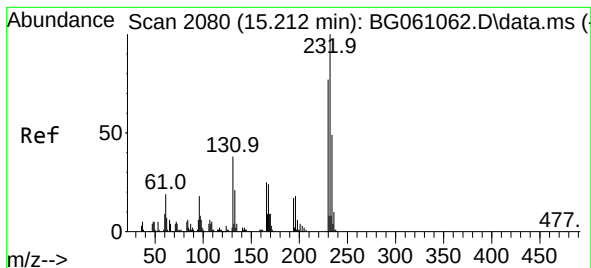


#58
Fluorene
Concen: 46.427 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



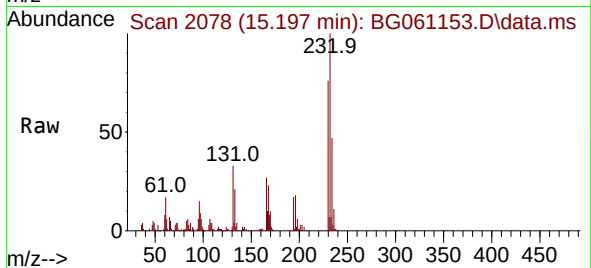
Tgt Ion:166 Resp: 244414
Ion Ratio Lower Upper
166 100
165 102.8 78.9 118.3
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.341 ng m
RT: 15.197 min Scan# 2080
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

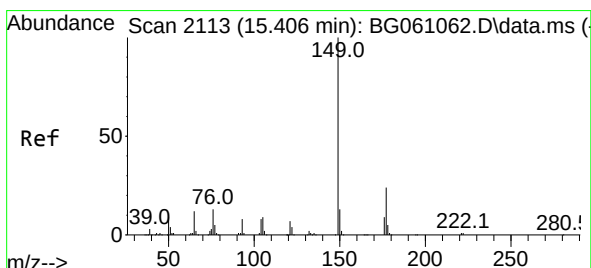
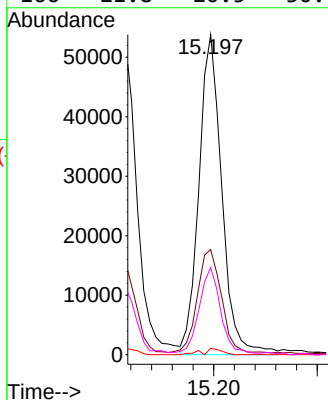
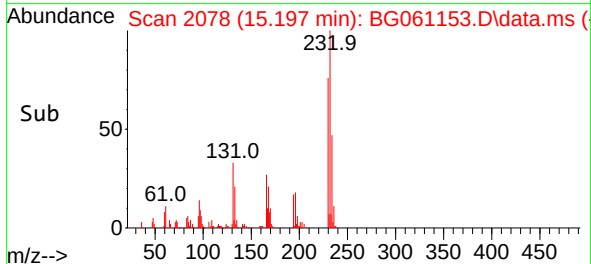
Instrument : BNA_G
ClientSampleId : 1011UMR-SS004-0212-01MSD



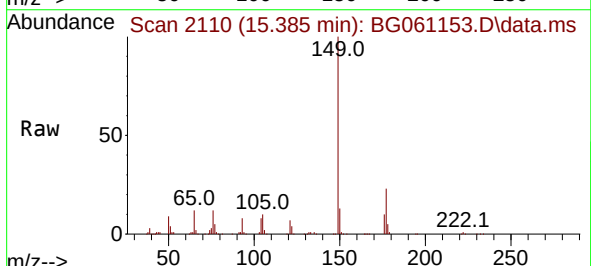
Tgt Ion:232 Resp: 82868
Ion Ratio Lower Upper
232 100
131 29.6 27.0 40.4
130 2.1 1.7 2.5
166 21.8 20.5 30.7

Manual Integrations
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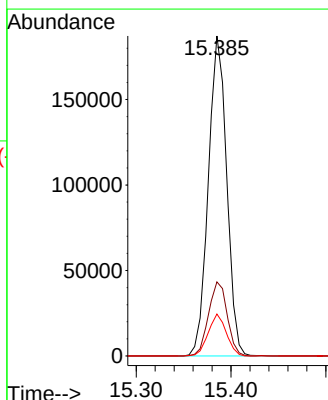
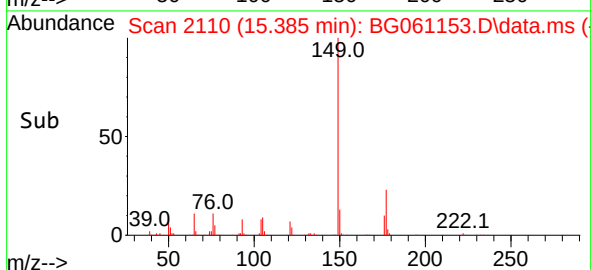
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

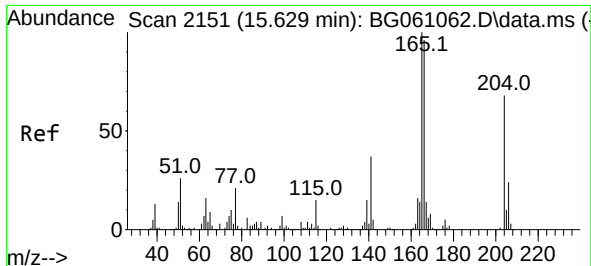


#60
Diethylphthalate
Concen: 44.077 ng
RT: 15.385 min Scan# 2110
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



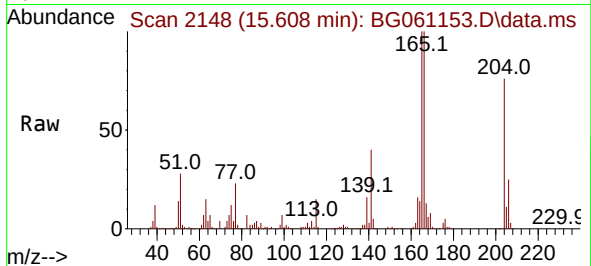
Tgt Ion:149 Resp: 251368
Ion Ratio Lower Upper
149 100
177 23.1 19.1 28.7
150 13.1 10.6 16.0





#61
4-Chlorophenyl-phenylether
Concen: 46.950 ng
RT: 15.608 min Scan# 2148
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

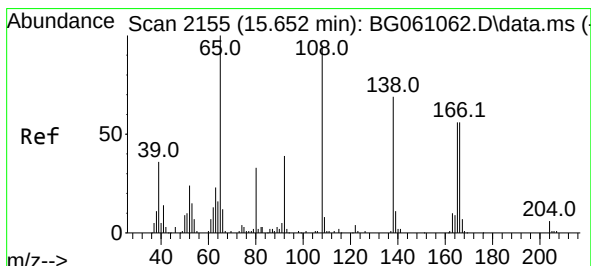
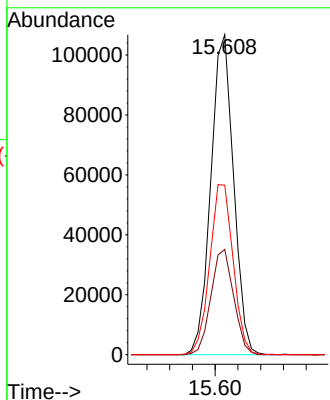
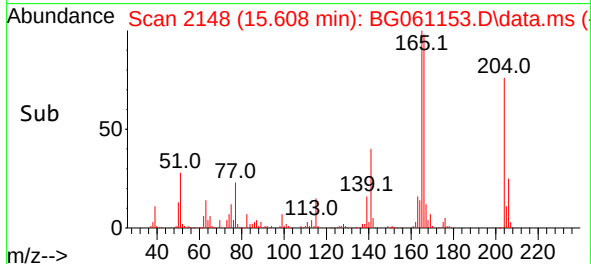
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:204 Resp: 148410
Ion Ratio Lower Upper
204 100
206 32.9 27.8 41.6
141 53.0 42.9 64.3

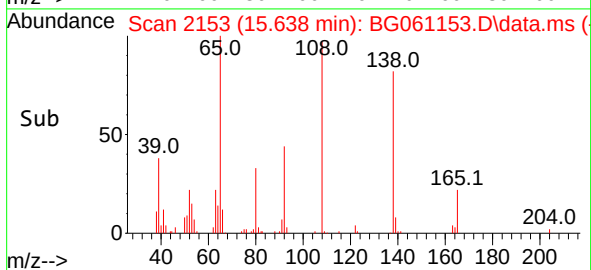
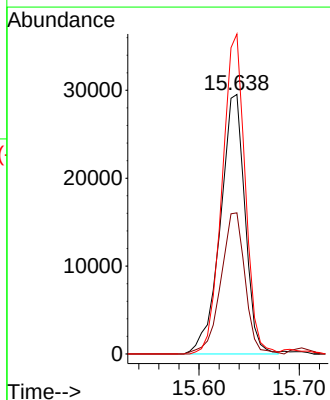
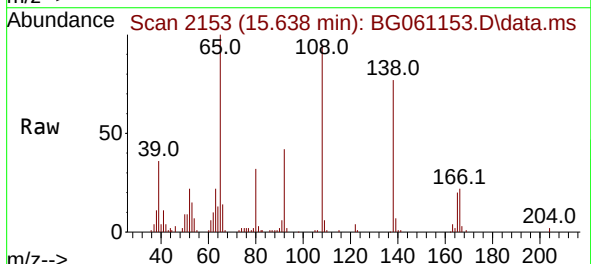
Manual Integrations
APPROVED

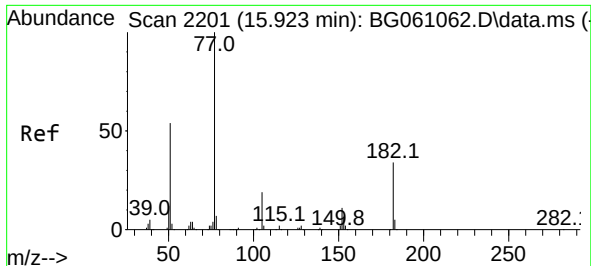
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#62
4-Nitroaniline
Concen: 41.947 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

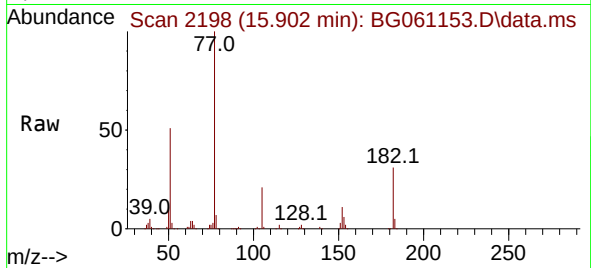
Tgt Ion:138 Resp: 50355
Ion Ratio Lower Upper
138 100
92 54.4 35.5 75.5
108 123.3 116.2 156.2





#63
Azobenzene
Concen: 47.988 ng
RT: 15.902 min Scan# 21304
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

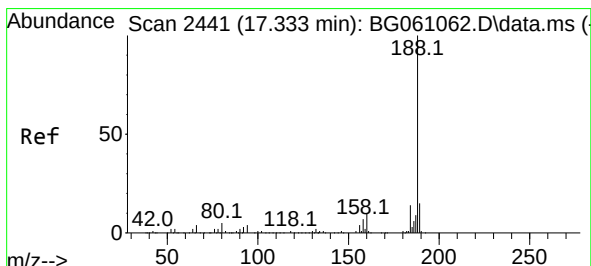
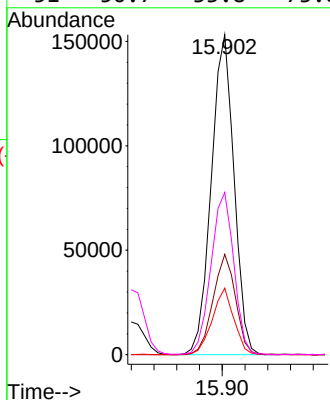
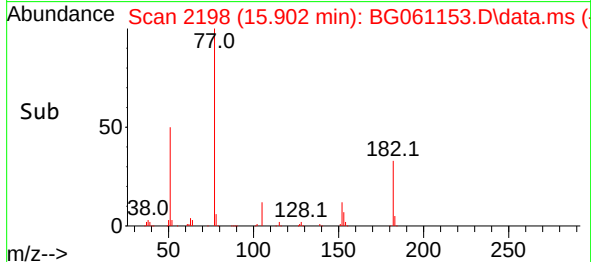
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



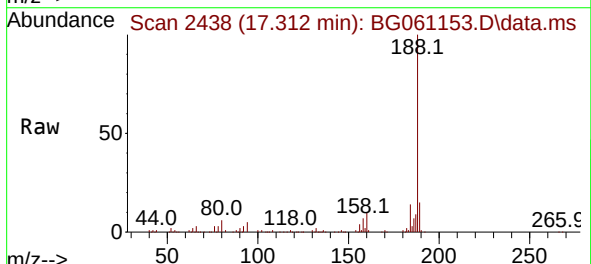
Tgt Ion:	77	Ratio	100	Lower	Upper
182	31.4	13.5	53.5		
105	20.8	0.0	39.3		
51	50.7	33.8	73.8		

Manual Integrations
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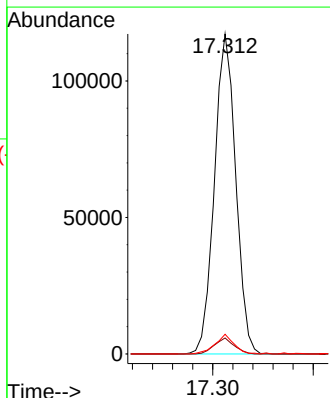
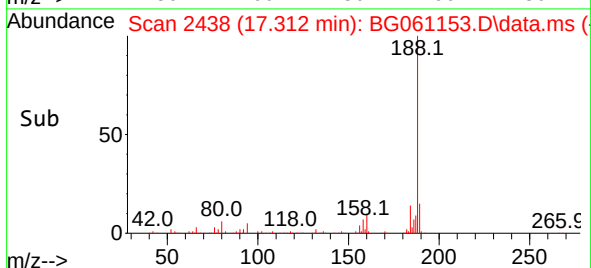
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

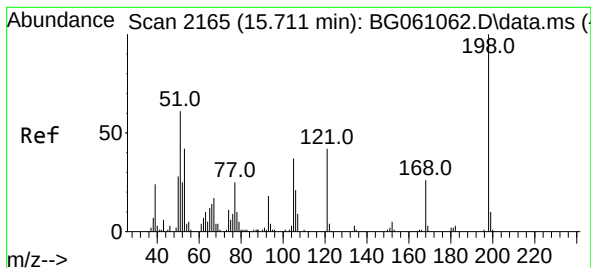


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2438
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



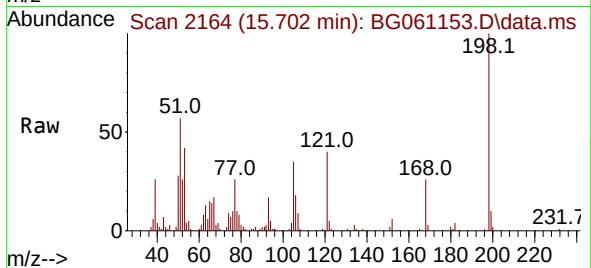
Tgt Ion:	188	Ratio	100	Lower	Upper
94	5.0	3.6	5.4		
80	6.1	4.2	6.2		





#65
4,6-Dinitro-2-methylphenol
Concen: 36.836 ng
RT: 15.702 min Scan# 2164
Delta R.T. -0.009 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

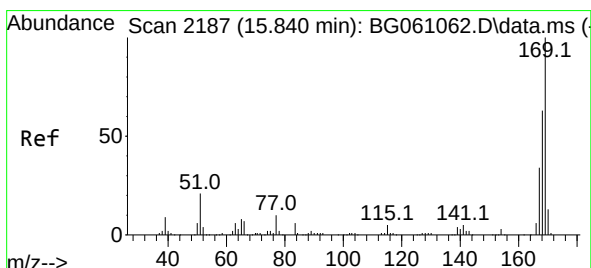
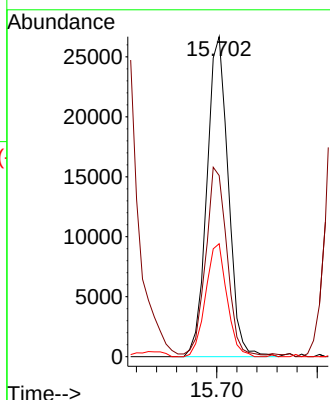
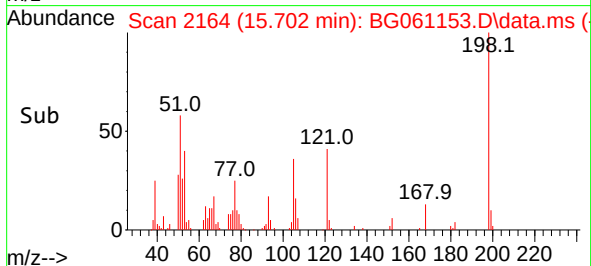
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



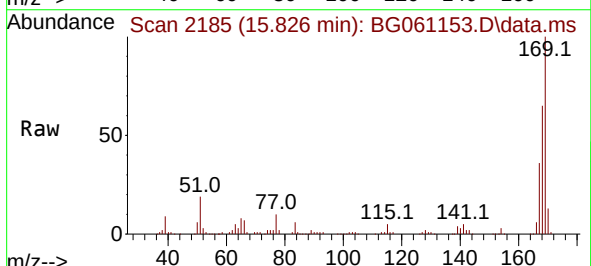
Tgt Ion:198 Resp: 39400
Ion Ratio Lower Upper
198 100
51 56.6 41.2 81.2
105 35.3 16.7 56.7

Manual Integrations
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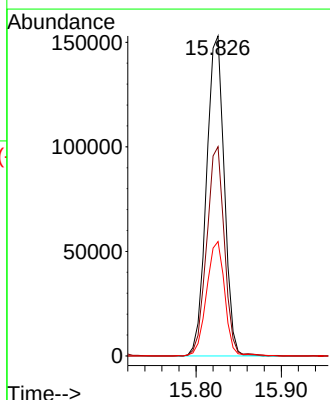
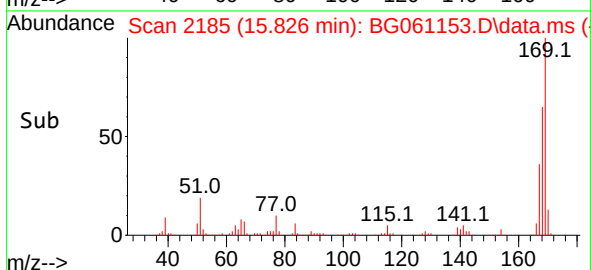
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

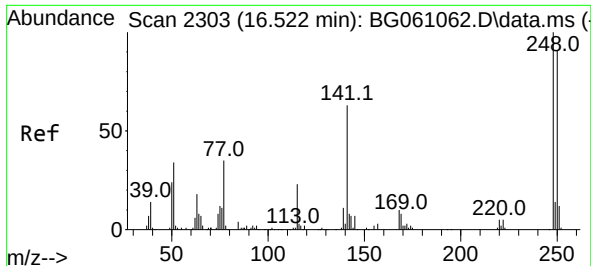


#66
n-Nitrosodiphenylamine
Concen: 51.859 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



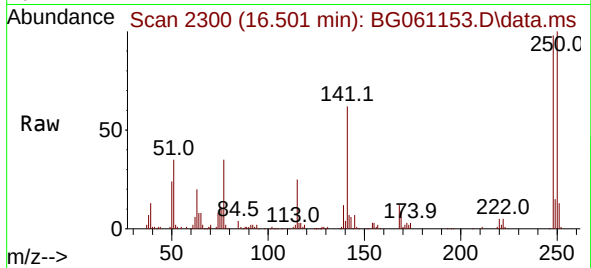
Tgt Ion:169 Resp: 221727
Ion Ratio Lower Upper
169 100
168 65.4 50.6 75.8
167 35.7 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 51.588 ng
RT: 16.501 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

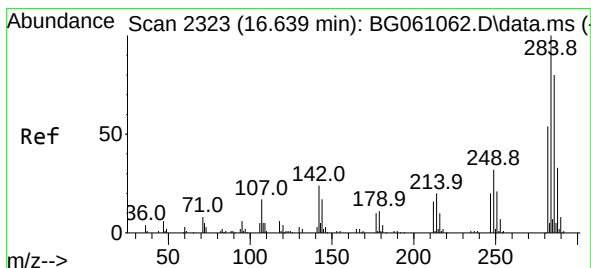
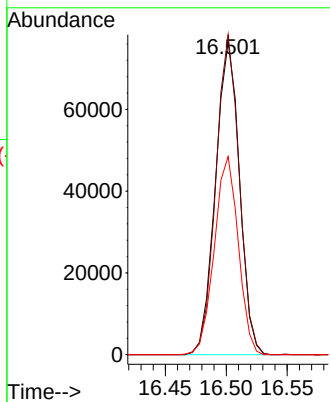
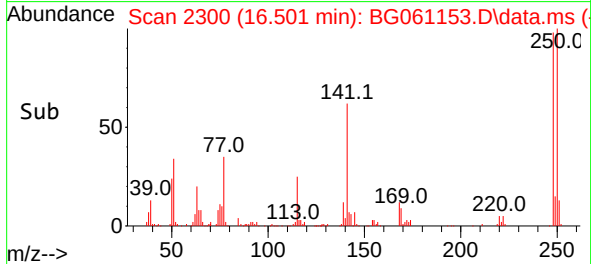
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



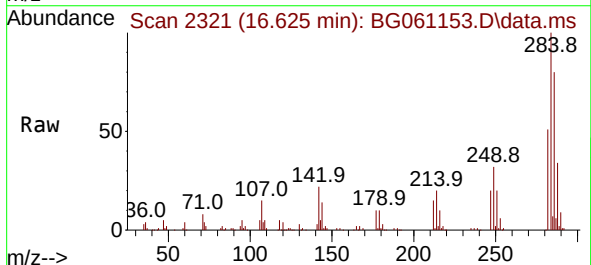
Tgt Ion:248 Resp: 104780
Ion Ratio Lower Upper
248 100
250 102.4 73.0 109.4
141 63.4 50.8 76.2

Manual Integrations
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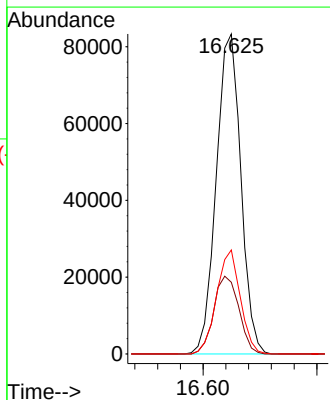
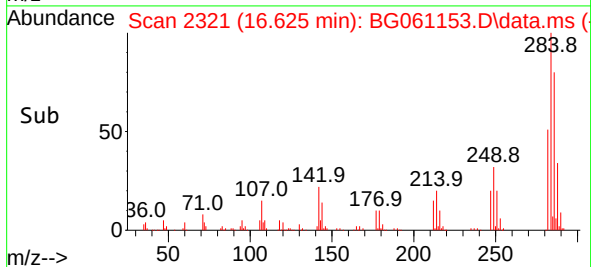
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

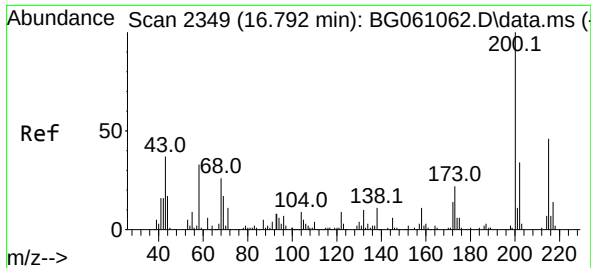


#68
Hexachlorobenzene
Concen: 49.491 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



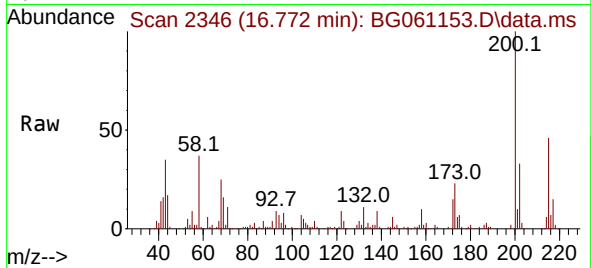
Tgt Ion:284 Resp: 125114
Ion Ratio Lower Upper
284 100
142 22.4 19.2 28.8
249 32.5 25.4 38.2





#69
 Atrazine
 Concen: 54.195 ng
 RT: 16.772 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG061153.D
 Acq: 9 May 2024 16:09

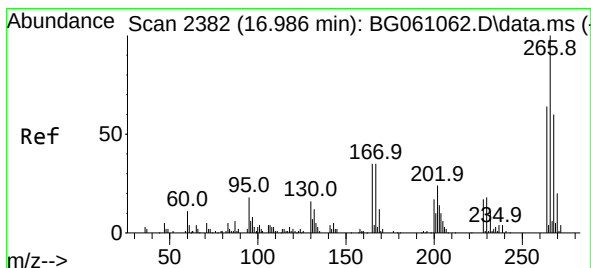
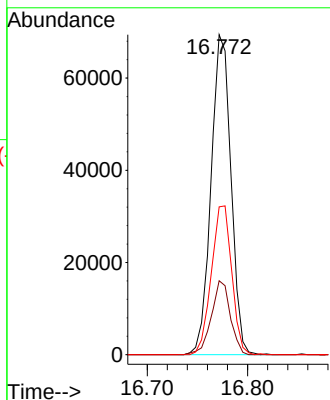
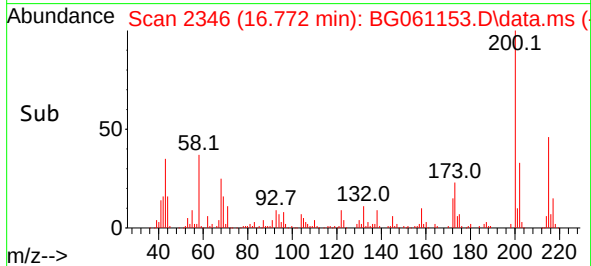
Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS004-0212-01MSD



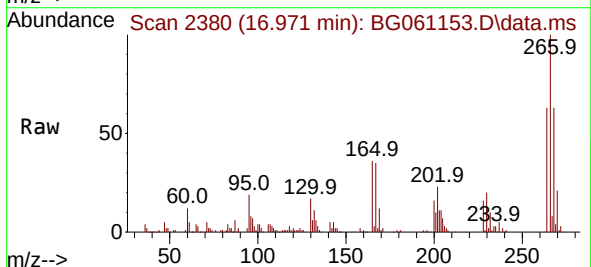
Tgt Ion:200 Resp: 95560
 Ion Ratio Lower Upper
 200 100
 173 23.1 2.0 42.0
 215 46.2 26.2 66.2

Manual Integrations
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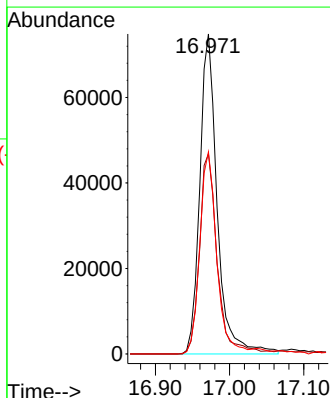
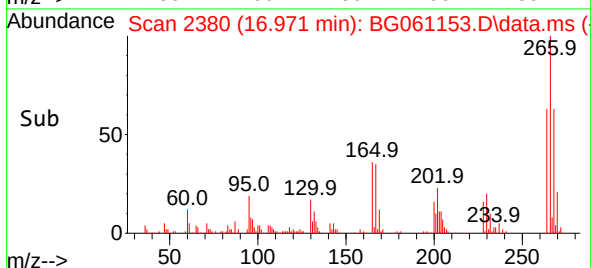
Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024

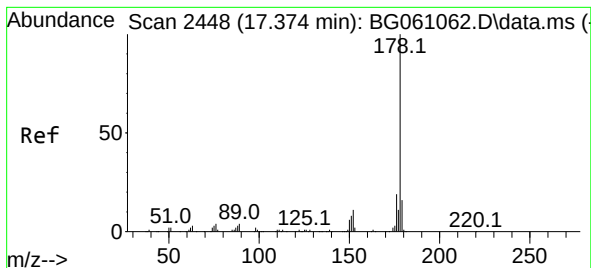


#70
 Pentachlorophenol
 Concen: 78.879 ng
 RT: 16.971 min Scan# 2380
 Delta R.T. -0.015 min
 Lab File: BG061153.D
 Acq: 9 May 2024 16:09



Tgt Ion:266 Resp: 122505
 Ion Ratio Lower Upper
 266 100
 268 62.5 47.8 71.8
 264 63.2 51.5 77.3





#71

Phenanthrene

Concen: 52.272 ng

RT: 17.353 min Scan# 2445

Delta R.T. -0.020 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS004-0212-01MSD

Tgt Ion:178 Resp: 412090

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

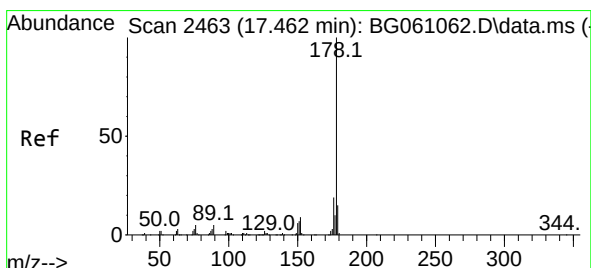
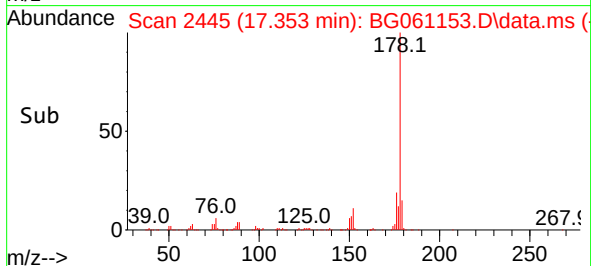
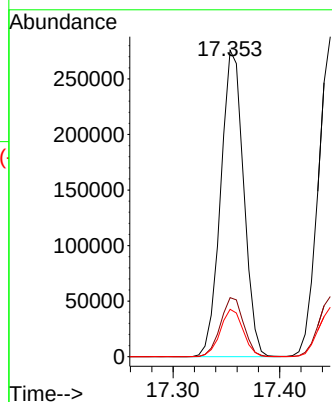
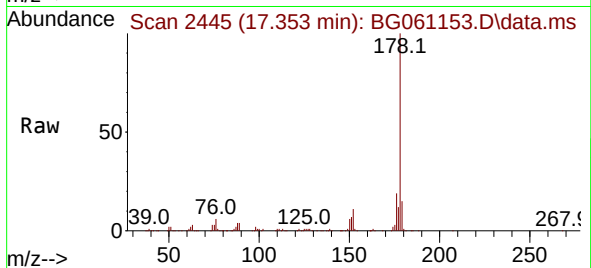
179 15.5 12.6 19.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/10/2024

Supervised By :mohammad ahmed 05/13/2024



#72

Anthracene

Concen: 52.834 ng

RT: 17.447 min Scan# 2461

Delta R.T. -0.015 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

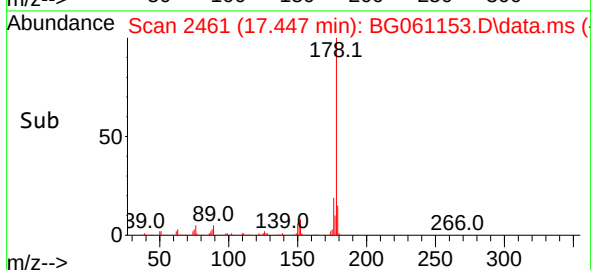
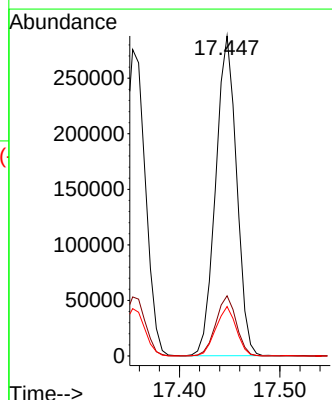
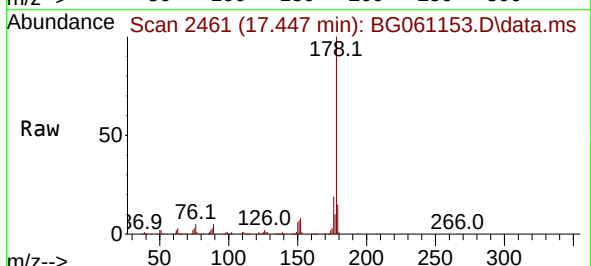
Tgt Ion:178 Resp: 415620

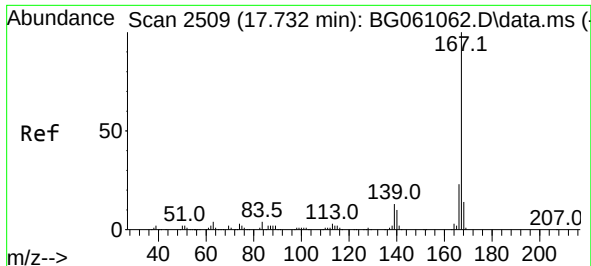
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

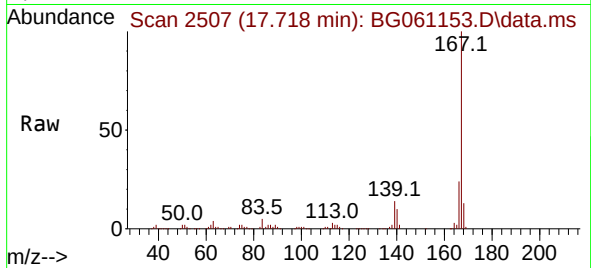
179 15.5 12.0 18.0





#73
 Carbazole
 Concen: 49.375 ng
 RT: 17.718 min Scan# 2507
 Delta R.T. -0.015 min
 Lab File: BG061153.D
 Acq: 9 May 2024 16:09

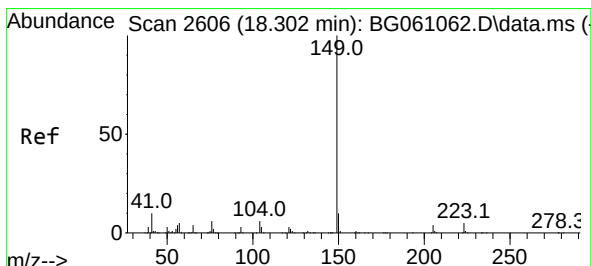
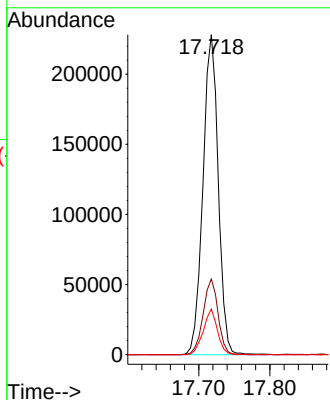
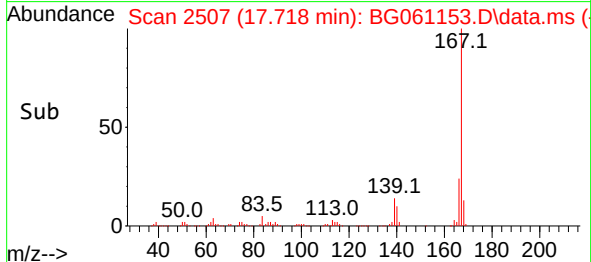
Instrument :
 BNA_G
 ClientSampleId :
 1011UMR-SS004-0212-01MSD



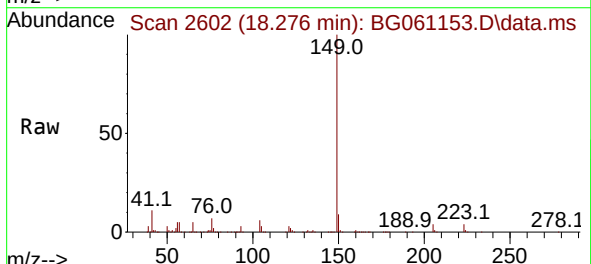
Tgt Ion:167 Resp: 34150
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.7 28.1
 139 14.3 10.6 15.8

Manual Integrations
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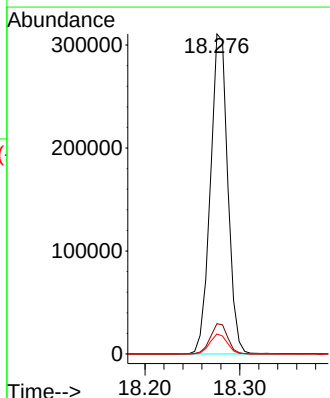
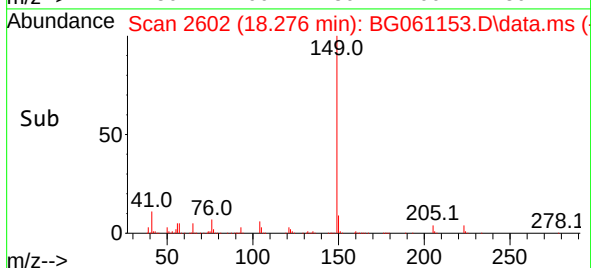
Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024

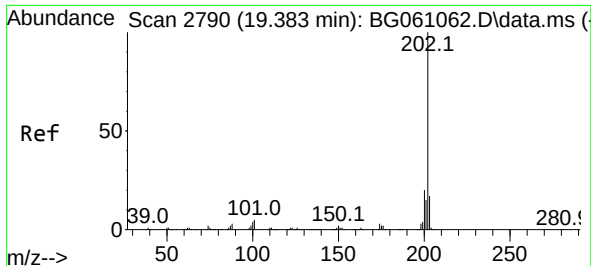


#74
 Di-n-butylphthalate
 Concen: 48.234 ng
 RT: 18.276 min Scan# 2602
 Delta R.T. -0.026 min
 Lab File: BG061153.D
 Acq: 9 May 2024 16:09



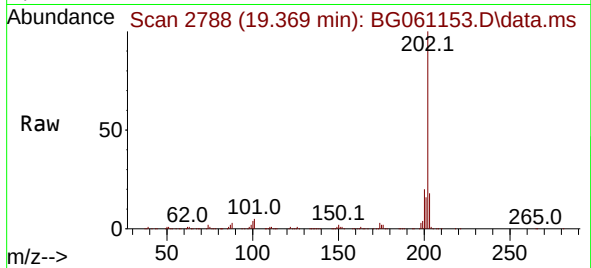
Tgt Ion:149 Resp: 396692
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.2 5.0 7.6





#75
Fluoranthene
Concen: 50.600 ng
RT: 19.369 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

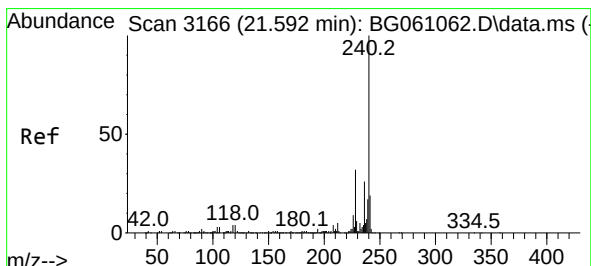
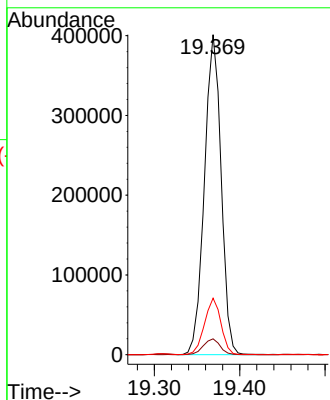
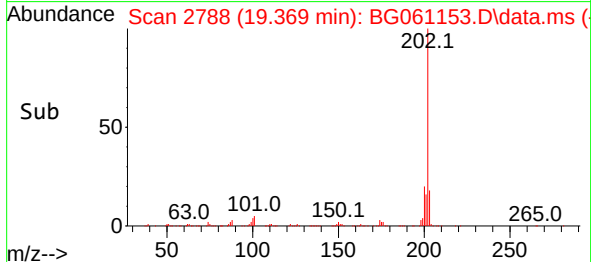
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:202 Resp: 54649
Ion Ratio Lower Upper
202 100
101 4.9 0.0 24.7
203 17.7 0.0 37.1

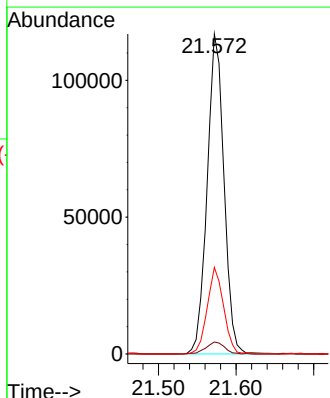
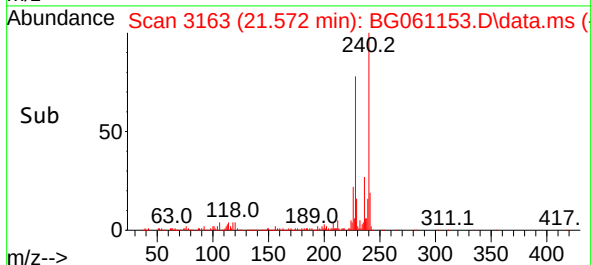
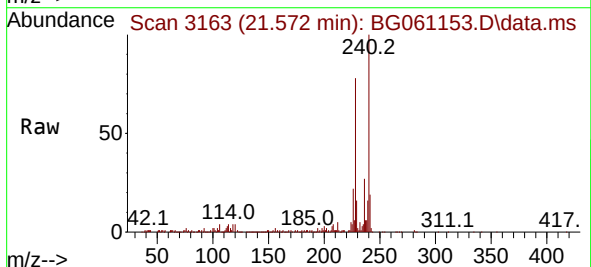
Manual Integrations
APPROVED

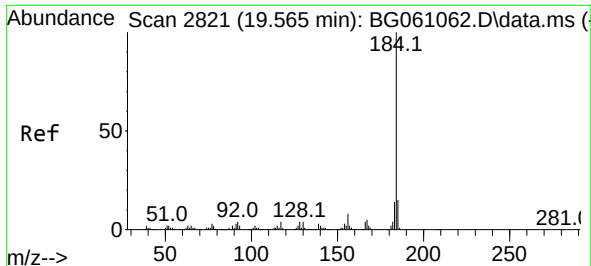
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

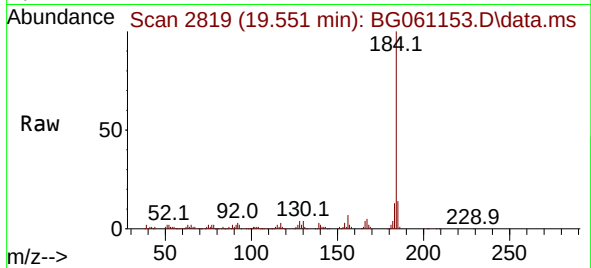
Tgt Ion:240 Resp: 176175
Ion Ratio Lower Upper
240 100
120 3.7 3.2 4.8
236 27.1 21.0 31.6





#77
Benzidine
Concen: 55.718 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.014 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

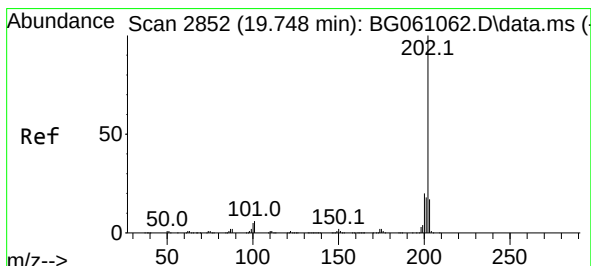
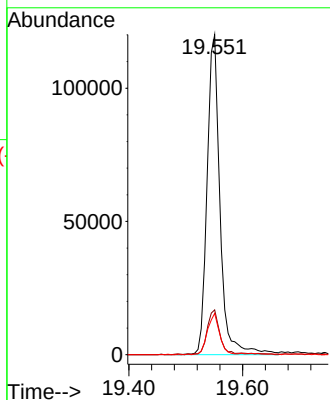
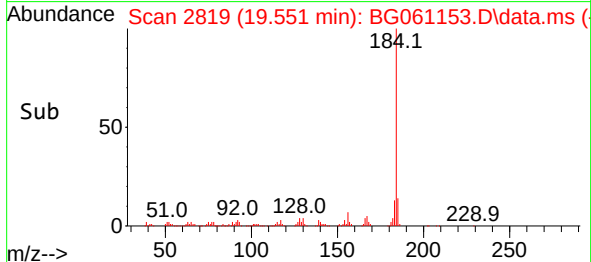
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



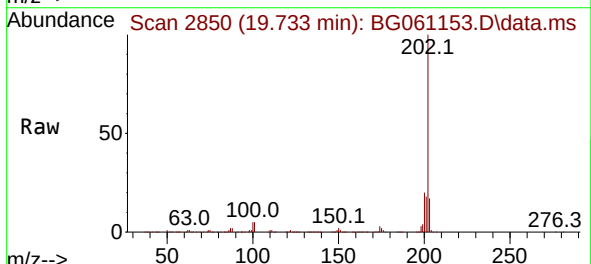
Tgt Ion:184 Resp: 188392
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 12.9 10.9 16.3

Manual Integrations
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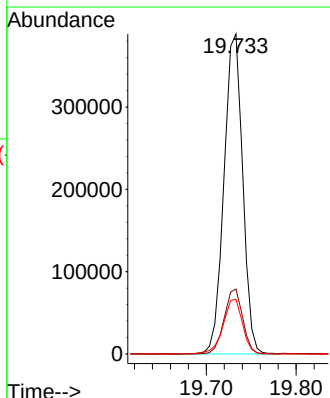
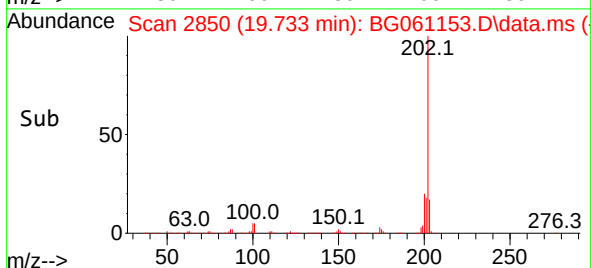
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024

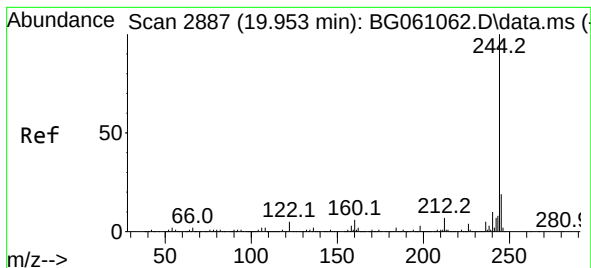


#78
Pyrene
Concen: 50.222 ng
RT: 19.733 min Scan# 2850
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09



Tgt Ion:202 Resp: 562515
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.1 13.3 19.9





#79

Terphenyl-d14

Concen: 68.782 ng

RT: 19.933 min Scan# 2884

Delta R.T. -0.020 min

Lab File: BG061153.D

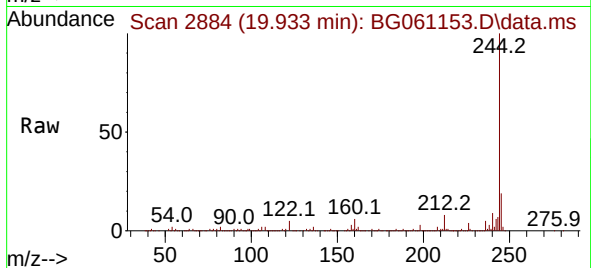
Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS004-0212-01MSD



Tgt Ion:244 Resp: 72860

Ion Ratio Lower Upper

244 100

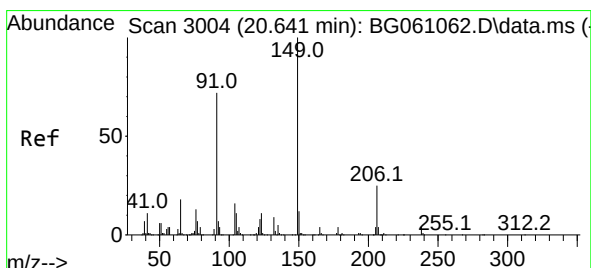
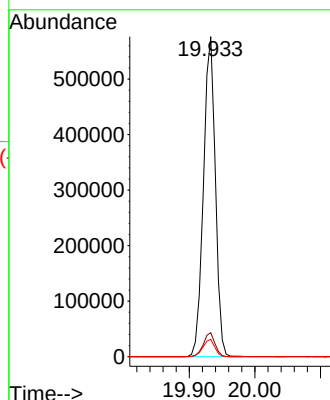
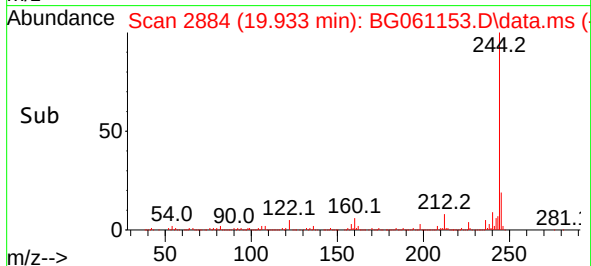
212 7.5 5.7 8.5

122 5.4 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#80

Butylbenzylphthalate

Concen: 50.135 ng

RT: 20.620 min Scan# 3001

Delta R.T. -0.021 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

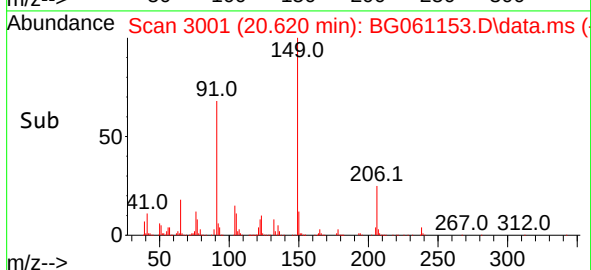
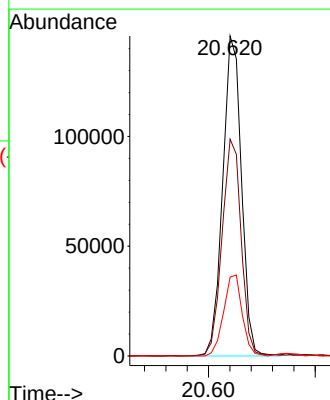
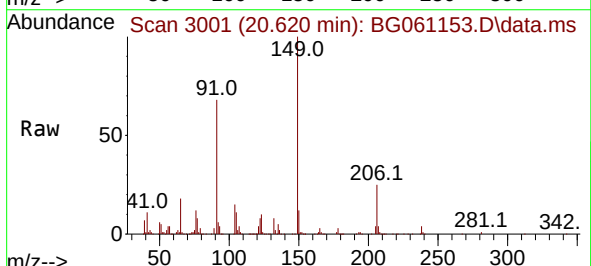
Tgt Ion:149 Resp: 177750

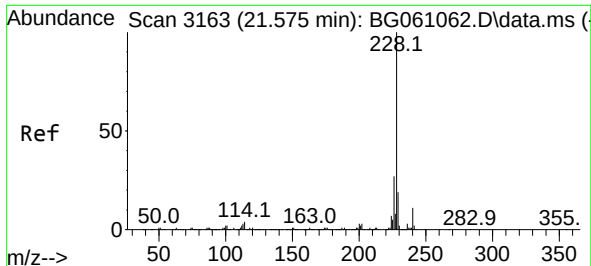
Ion Ratio Lower Upper

149 100

91 67.8 57.4 86.2

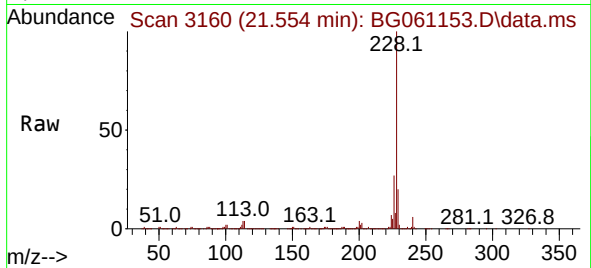
206 24.7 19.8 29.6





#81
Benzo(a)anthracene
Concen: 51.366 ng
RT: 21.554 min Scan# 3160
Delta R.T. -0.021 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

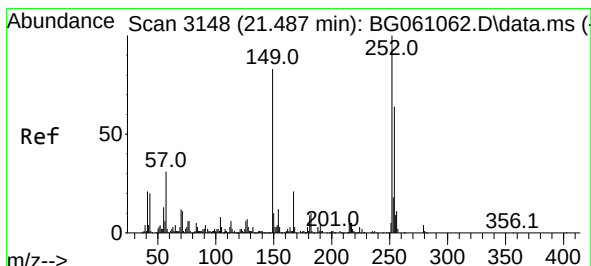
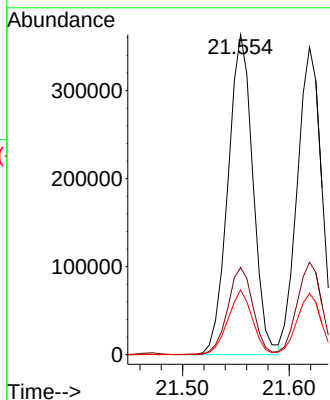
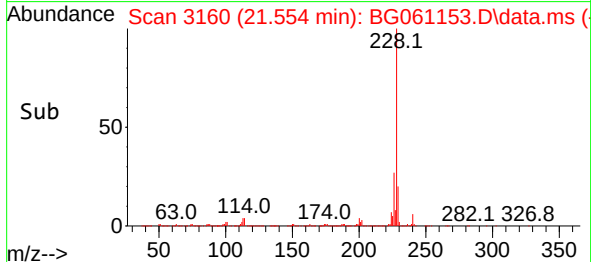
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:228 Resp: 59217
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 20.2 15.0 22.4

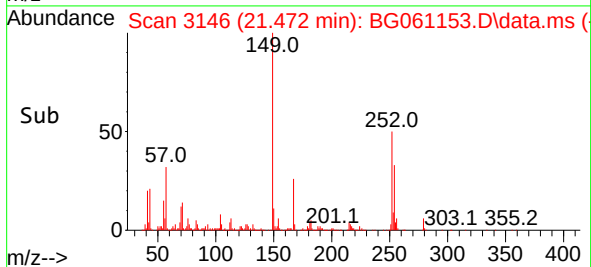
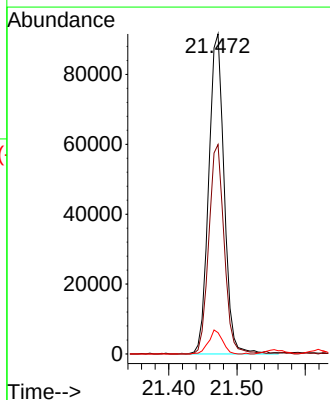
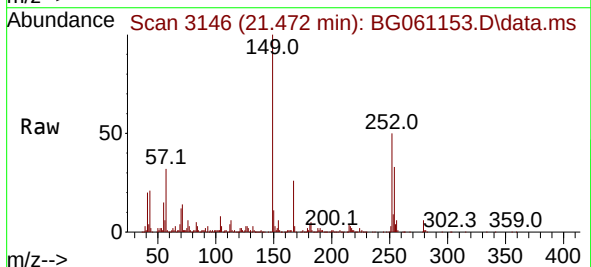
Manual Integrations
APPROVED

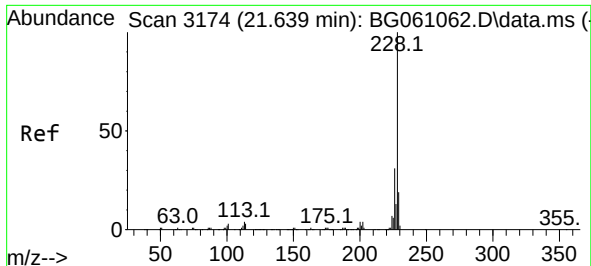
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#82
3,3'-Dichlorobenzidine
Concen: 34.832 ng
RT: 21.472 min Scan# 3146
Delta R.T. -0.015 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

Tgt Ion:252 Resp: 144512
Ion Ratio Lower Upper
252 100
254 65.4 51.3 76.9
126 6.6 5.2 7.8





#83

Chrysene

Concen: 50.973 ng

RT: 21.619 min Scan# 3174

Delta R.T. -0.020 min

Lab File: BG061153.D

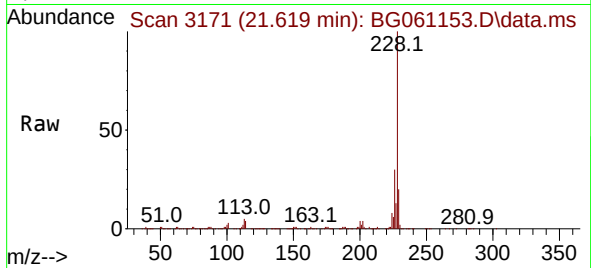
Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS004-0212-01MSD

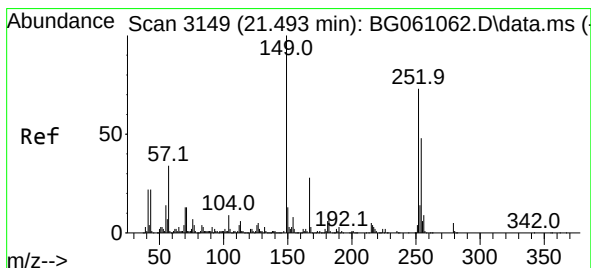
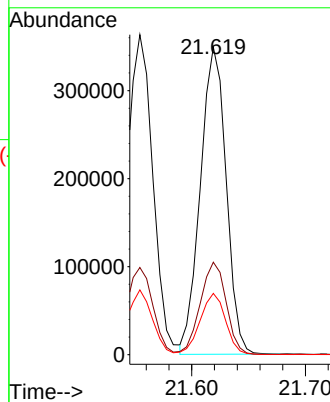
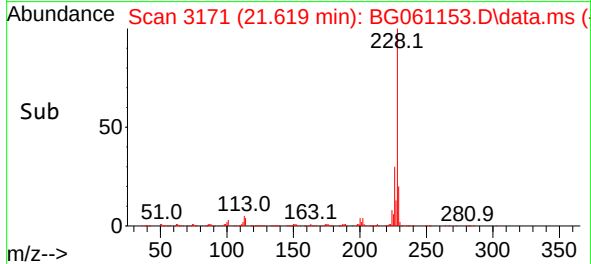


Tgt Ion:	228	Resp:	55056
Ion Ratio	100	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.9	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.863 ng

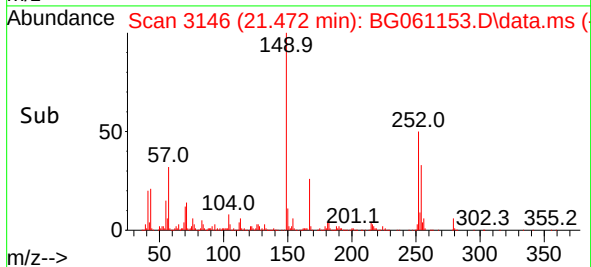
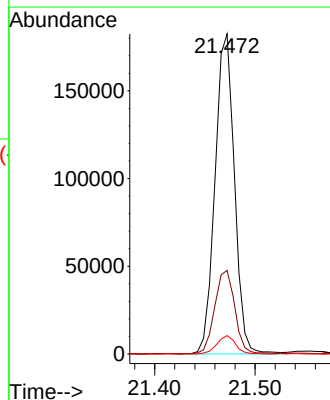
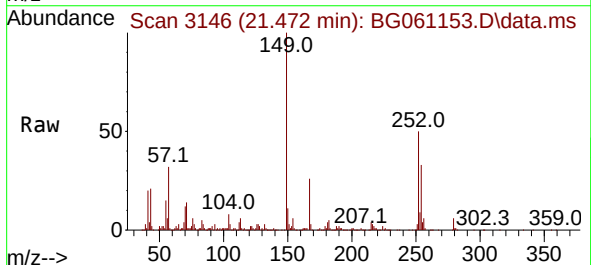
RT: 21.472 min Scan# 3146

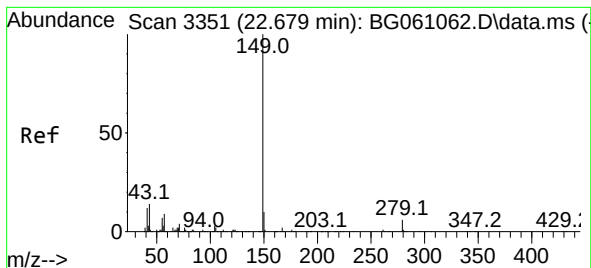
Delta R.T. -0.020 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

Tgt Ion:	149	Resp:	244741
Ion Ratio	100	Lower	Upper
149	100		
167	26.1	22.1	33.1
279	5.8	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 51.325 ng

RT: 22.647 min Scan# 31

Delta R.T. -0.032 min

Lab File: BG061153.D

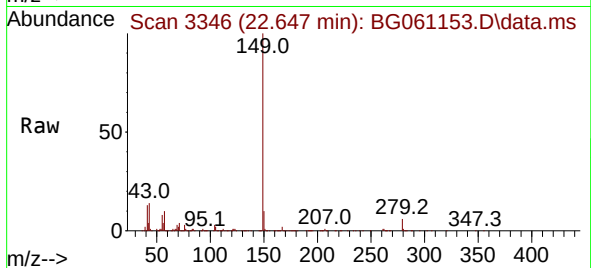
Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS004-0212-01MSD



Tgt Ion:149 Resp: 419230

Ion Ratio Lower Upper

149 100

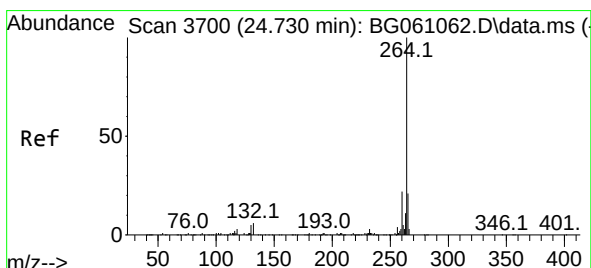
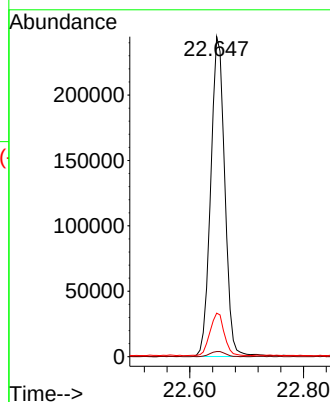
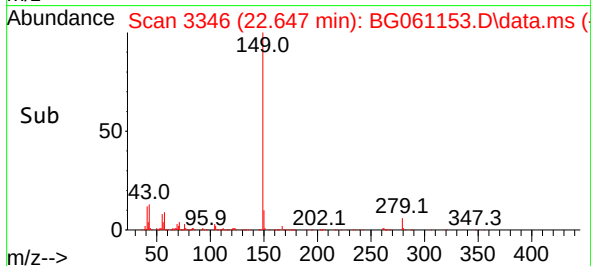
167 1.8 1.4 2.0

43 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3695

Delta R.T. -0.032 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

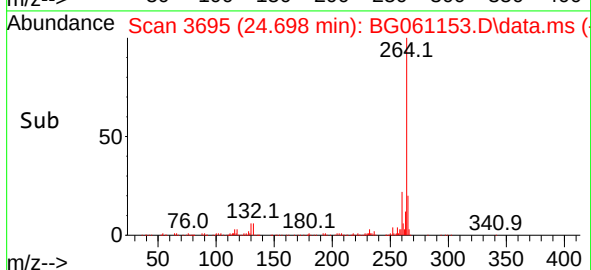
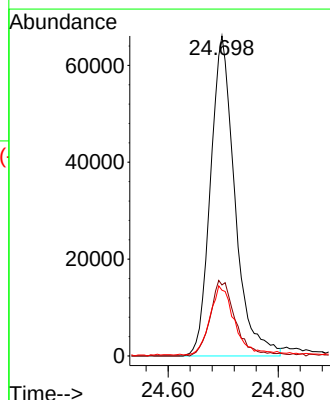
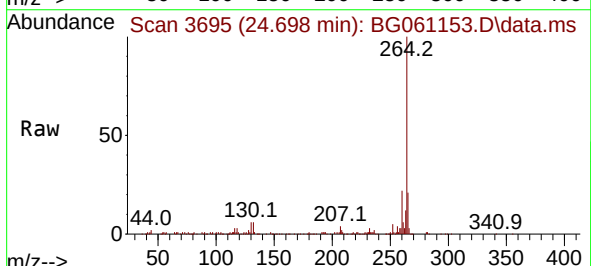
Tgt Ion:264 Resp: 203153

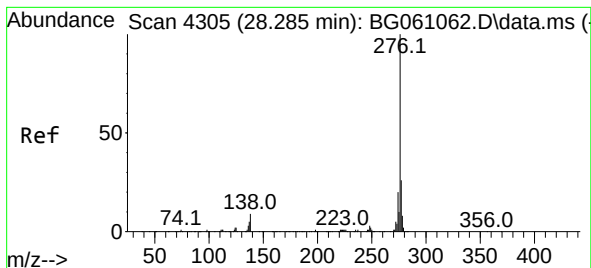
Ion Ratio Lower Upper

264 100

260 22.2 17.7 26.5

265 20.5 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.078 ng m

RT: 28.264 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

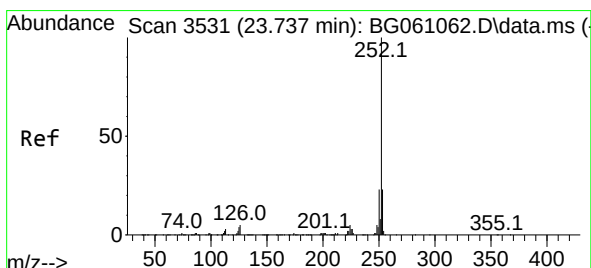
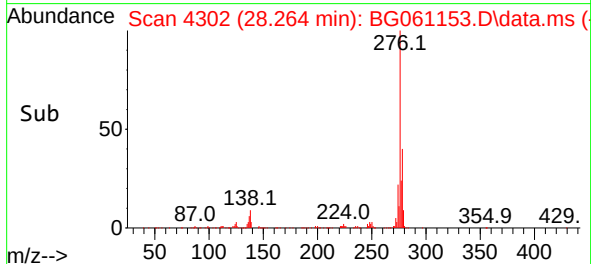
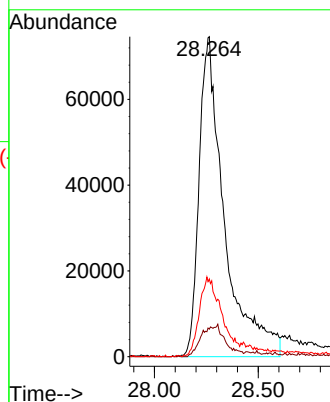
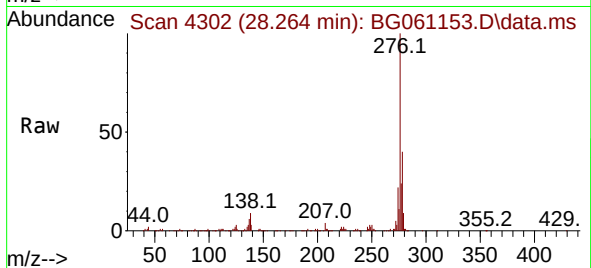
1011UMR-SS004-0212-01MSD

Tgt Ion:276 Resp: 63382
 Ion Ratio Lower Upper
 276 100
 138 4.7 5.1 7.7
 277 22.0 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
 Supervised By :mohammad ahmed 05/13/2024



#88

Benzo(b)fluoranthene

Concen: 50.738 ng

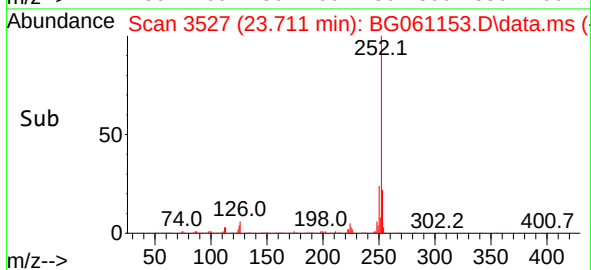
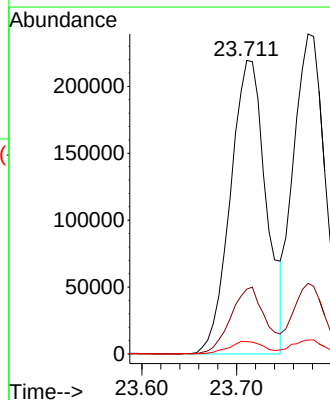
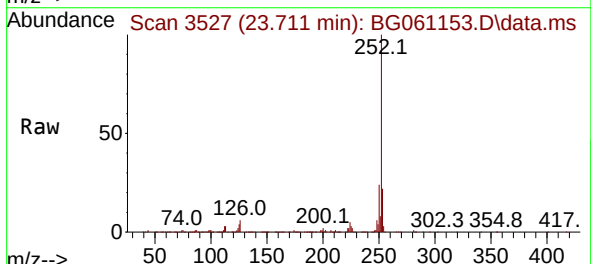
RT: 23.711 min Scan# 3527

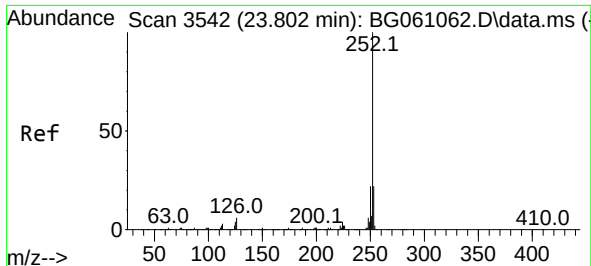
Delta R.T. -0.026 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

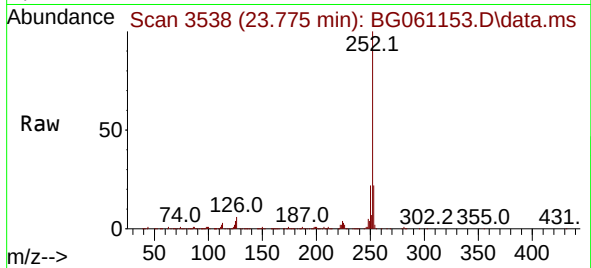
Tgt Ion:252 Resp: 575994
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.2 27.2
 125 4.2 3.4 5.0





#89
Benzo(k)fluoranthene
Concen: 51.997 ng
RT: 23.775 min Scan# 3542
Delta R.T. -0.026 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

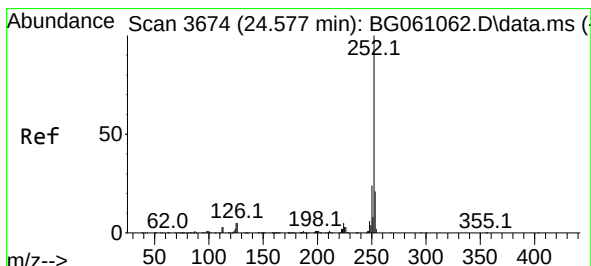
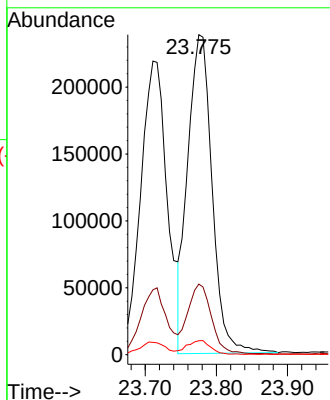
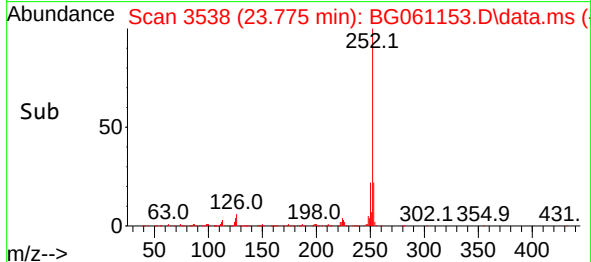
Instrument :
BNA_G
ClientSampleId :
1011UMR-SS004-0212-01MSD



Tgt Ion:252 Resp: 56787
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 4.3 3.2 4.8

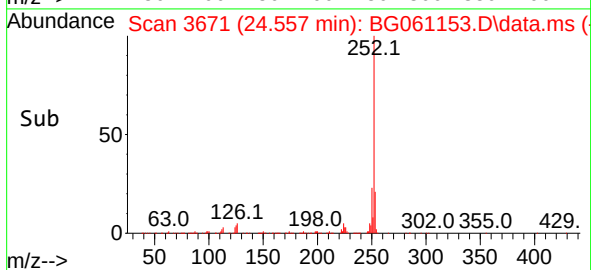
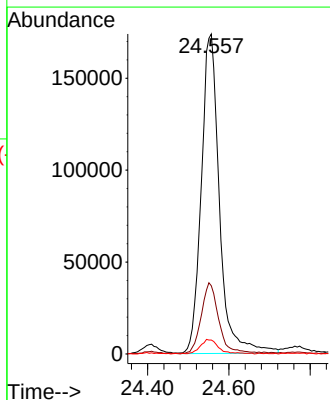
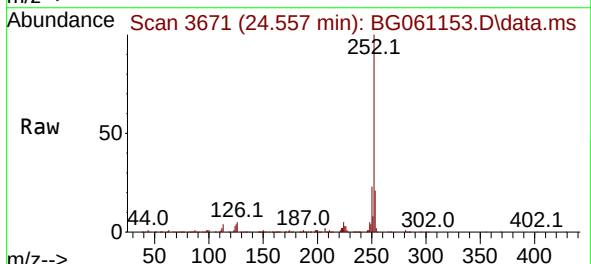
Manual Integrations
APPROVED

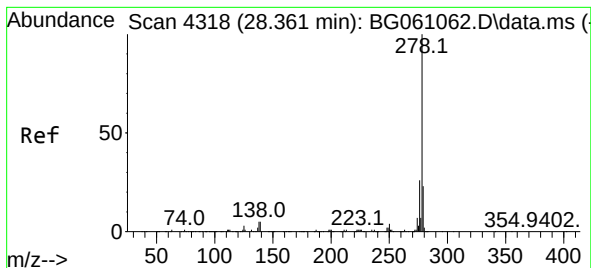
Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#90
Benzo(a)pyrene
Concen: 54.592 ng
RT: 24.557 min Scan# 3671
Delta R.T. -0.020 min
Lab File: BG061153.D
Acq: 9 May 2024 16:09

Tgt Ion:252 Resp: 539932
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 4.4 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 43.431 ng

RT: 28.305 min Scan# 41

Delta R.T. -0.056 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

Instrument :

BNA_G

ClientSampleId :

1011UMR-SS004-0212-01MSD

Tgt Ion:278 Resp: 484230

Ion Ratio Lower Upper

278 100

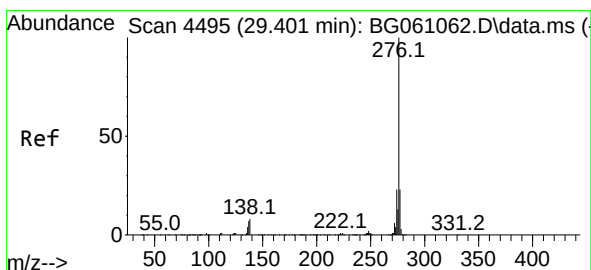
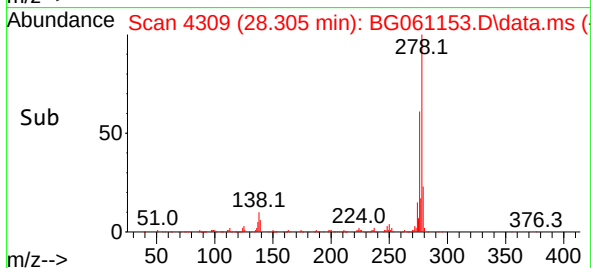
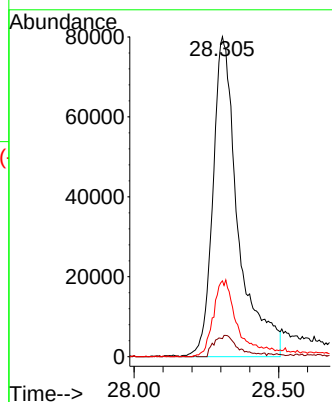
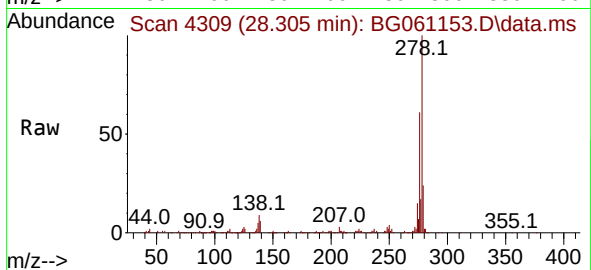
139 5.6 4.2 6.2

279 23.7 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/13/2024



#92

Benzo(g,h,i)perylene

Concen: 38.930 ng m

RT: 29.363 min Scan# 4489

Delta R.T. -0.038 min

Lab File: BG061153.D

Acq: 9 May 2024 16:09

Tgt Ion:276 Resp: 431333

Ion Ratio Lower Upper

276 100

277 22.3 18.2 27.4

138 8.3 6.2 9.2

