

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061211.D
 Acq On : 15 May 2024 18:24
 Operator : MA/JU
 Sample : P2468-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 16 01:14:07 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	27946	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	108132	20.000	ng	#-0.03
39) Acenaphthene-d10	14.557	164	82617	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	187682	20.000	ng	#-0.03
76) Chrysene-d12	21.572	240	190818	20.000	ng	-0.02
86) Perylene-d12	24.686	264	231045	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	176150	128.191	ng	-0.02
7) Phenol-d6	7.112	99	238626	117.390	ng	-0.02
23) Nitrobenzene-d5	9.086	82	173348	79.470	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	177069	107.226	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	436334	78.097	ng	-0.03
79) Terphenyl-d14	19.927	244	796689	69.438	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	17556	31.598	ng	93
3) Pyridine	3.822	79	47656	29.149	ng	96
4) n-Nitrosodimethylamine	3.740	42	54626	34.776	ng	100
6) Aniline	7.253	93	33613	16.680	ng	# 86
8) 2-Chlorophenol	7.500	128	76263	45.238	ng	98
9) Benzaldehyde	7.071	77	19003	14.771	ng	97
10) Phenol	7.136	94	91976	44.493	ng	95
11) bis(2-Chloroethyl)ether	7.353	93	61025	42.732	ng	99
12) 1,3-Dichlorobenzene	7.817	146	81951	41.236	ng	93
13) 1,4-Dichlorobenzene	7.964	146	85301	41.529	ng	95
14) 1,2-Dichlorobenzene	8.282	146	83042	41.904	ng	97
15) Benzyl Alcohol	8.164	79	77344	42.179	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	145173	46.848	ng	98
17) 2-Methylphenol	8.381	107	63551	43.139	ng	98
18) Hexachloroethane	9.004	117	31232	42.613	ng	93
19) n-Nitroso-di-n-propyla...	8.734	70	56986	37.460	ng	90
20) 3+4-Methylphenols	8.705	107	85231	40.101	ng	98
22) Acetophenone	8.746	105	119178	44.256	ng	98
24) Nitrobenzene	9.128	77	94223	44.155	ng	97
25) Isophorone	9.650	82	161590	40.075	ng	98
26) 2-Nitrophenol	9.839	139	44037	43.557	ng	95
27) 2,4-Dimethylphenol	9.903	122	56582	48.543	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	87013	43.970	ng	97
29) 2,4-Dichlorophenol	10.379	162	83159	45.534	ng	89
30) 1,2,4-Trichlorobenzene	10.591	180	98624	44.817	ng	98
31) Naphthalene	10.773	128	243253	43.285	ng	98
32) Benzoic acid	10.074	122	29882m	22.177	ng	
33) 4-Chloroaniline	10.884	127	27852	12.427	ng	94
34) Hexachlorobutadiene	11.061	225	82224	43.547	ng	95
35) Caprolactam	11.666	113	23441m	35.641	ng	
36) 4-Chloro-3-methylphenol	12.024	107	88980	40.404	ng	96
37) 2-Methylnaphthalene	12.383	142	171880	40.814	ng	99
38) 1-Methylnaphthalene	12.600	142	160667	37.897	ng	97
40) 1,2,4,5-Tetrachloroben...	12.753	216	141315	51.253	ng	99
41) Hexachlorocyclopentadiene	12.729	237	61046	57.837	ng	90
43) 2,4,6-Trichlorophenol	13.000	196	80184	45.298	ng	98

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M

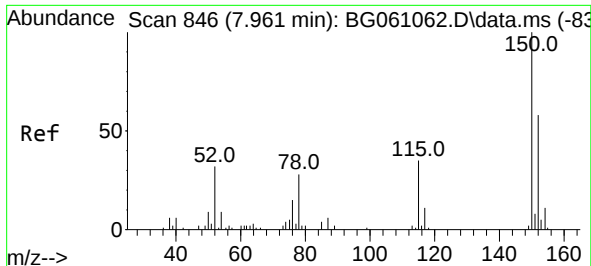
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 05:11:25 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	87158	43.505	ng	96
46) 1,1'-Biphenyl	13.393	154	252503	47.667	ng	97
47) 2-Chloronaphthalene	13.434	162	194824	45.930	ng	98
48) 2-Nitroaniline	13.640	65	72157	45.842	ng	94
49) Acenaphthylene	14.280	152	320664	49.220	ng	98
50) Dimethylphthalate	14.016	163	262296	41.104	ng	100
51) 2,6-Dinitrotoluene	14.139	165	56067	41.077	ng	93
52) Acenaphthene	14.627	154	178270	43.864	ng	97
53) 3-Nitroaniline	14.468	138	32715	26.195	ng	99
54) 2,4-Dinitrophenol	14.680	184	38690	41.092	ng	98
55) Dibenzofuran	14.962	168	303866	44.265	ng	97
56) 4-Nitrophenol	14.797	139	71991	71.327	ng	97
57) 2,4-Dinitrotoluene	14.933	165	79439	39.338	ng	96
58) Fluorene	15.608	166	252245	42.464	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.191	232	85448m	41.434	ng	
60) Diethylphthalate	15.379	149	252773	39.281	ng	100
61) 4-Chlorophenyl-phenyle...	15.602	204	151189	42.388	ng	98
62) 4-Nitroaniline	15.632	138	50172	37.040	ng	92
63) Azobenzene	15.896	77	220933	44.104	ng	98
65) 4,6-Dinitro-2-methylph...	15.696	198	34804	29.888	ng	94
66) n-Nitrosodiphenylamine	15.820	169	223751	48.075	ng	97
67) 4-Bromophenyl-phenylether	16.495	248	108319	48.993	ng	96
68) Hexachlorobenzene	16.619	284	126429	45.944	ng	99
69) Atrazine	16.772	200	96590	50.323	ng	95
70) Pentachlorophenol	16.965	266	115429	68.277	ng	98
71) Phenanthrene	17.353	178	418622	48.781	ng	99
72) Anthracene	17.441	178	412582	48.182	ng	99
73) Carbazole	17.712	167	341775	45.395	ng	99
74) Di-n-butylphthalate	18.270	149	403261	45.044	ng	100
75) Fluoranthene	19.363	202	534982	45.505	ng	100
77) Benzidine	19.545	184	147233	40.982	ng	97
78) Pyrene	19.727	202	559949	46.157	ng	99
80) Butylbenzylphthalate	20.614	149	175767	45.771	ng	99
81) Benzo(a)anthracene	21.548	228	587358	47.039	ng	98
82) 3,3'-Dichlorobenzidine	21.466	252	134894	30.019	ng	97
83) Chrysene	21.613	228	548689	46.902	ng	100
84) Bis(2-ethylhexyl)phtha...	21.460	149	245548	48.967	ng	99
85) Di-n-octyl phthalate	22.635	149	421711	47.666	ng	100
87) Indeno(1,2,3-cd)pyrene	28.240	276	626455	40.913	ng	# 98
88) Benzo(b)fluoranthene	23.705	252	590035	45.701	ng	98
89) Benzo(k)fluoranthene	23.769	252	564180	45.422	ng	98
90) Benzo(a)pyrene	24.545	252	538731	47.895	ng	98
91) Dibenzo(a,h)anthracene	28.305	278	532537	41.997	ng	# 96
92) Benzo(g,h,i)perylene	29.351	276	448623m	35.602	ng	

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



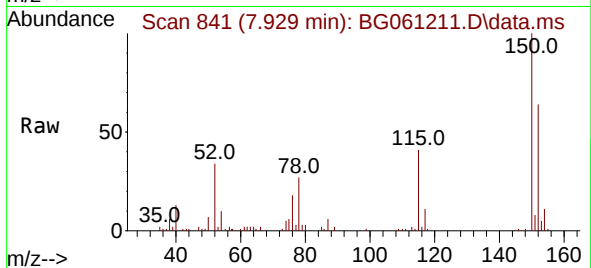
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.929 min Scan# 846
 Delta R.T. -0.032 min
 Lab File: BG061211.D
 Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

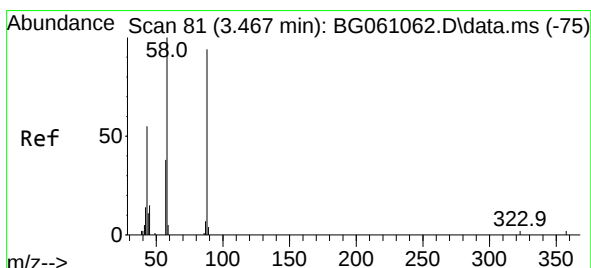
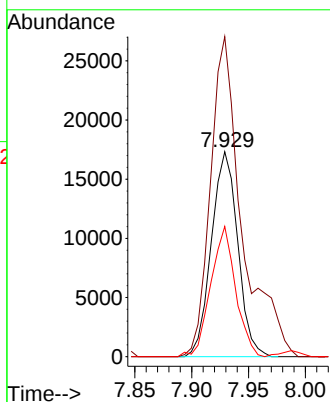
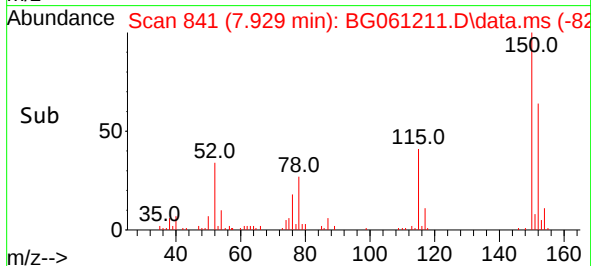


Tgt Ion:152 Resp: 27940
 Ion Ratio Lower Upper
 152 100
 150 156.1 138.3 207.5
 115 63.5 48.0 72.0

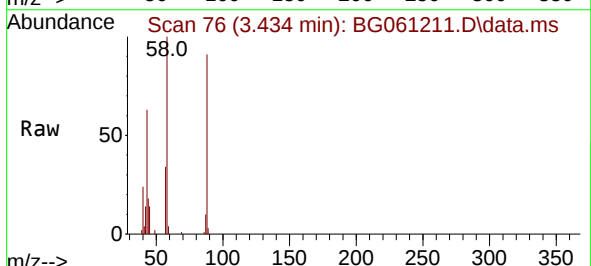
Manual Integrations

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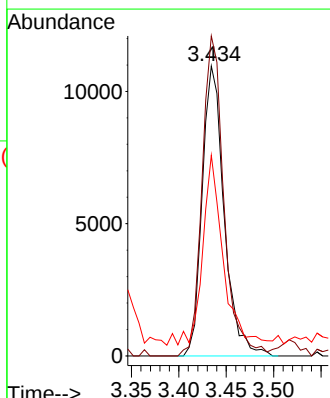
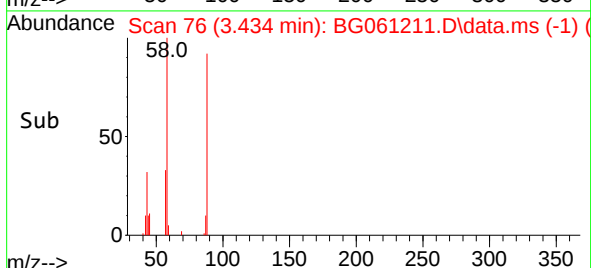
Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

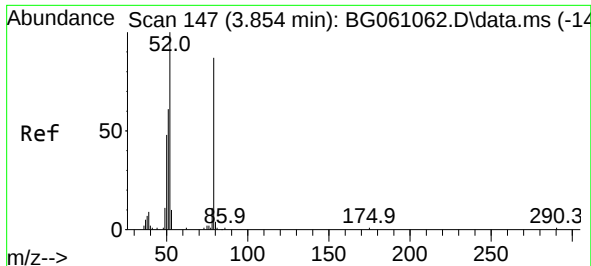


#2
 1,4-Dioxane
 Concen: 31.598 ng
 RT: 3.434 min Scan# 76
 Delta R.T. -0.032 min
 Lab File: BG061211.D
 Acq: 15 May 2024 18:24



Tgt Ion: 88 Resp: 17556
 Ion Ratio Lower Upper
 88 100
 58 109.9 81.2 121.8
 43 60.6 45.0 67.4





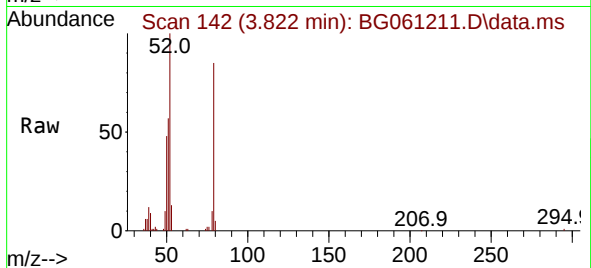
#3
Pyridine
Concen: 29.149 ng
RT: 3.822 min Scan# 147
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

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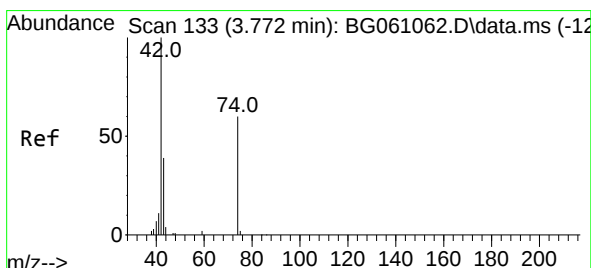
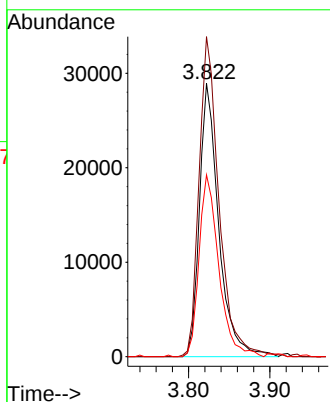
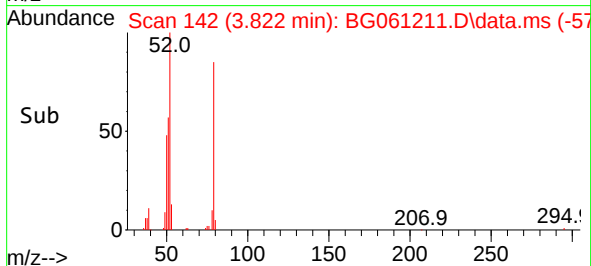


Tgt Ion: 79 Resp: 47650
Ion Ratio Lower Upper
79 100
52 117.1 91.6 137.4
51 66.5 57.0 85.4

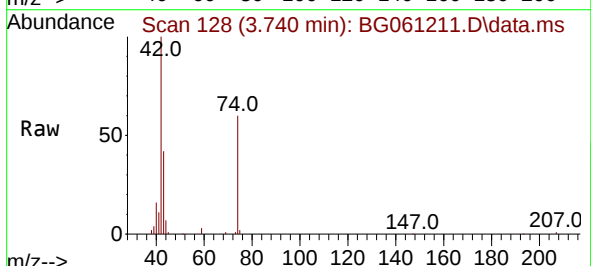
Manual Integrations

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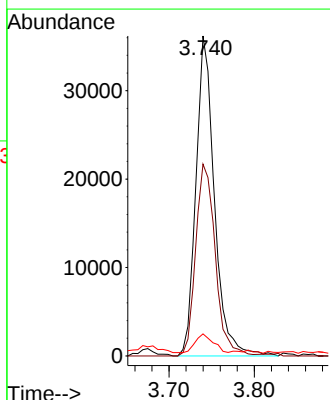
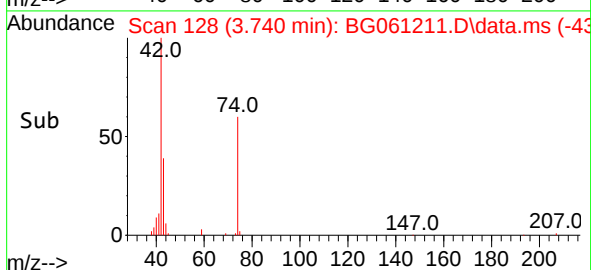
Reviewed By :Jagrut Upadhyay 05/16/2024
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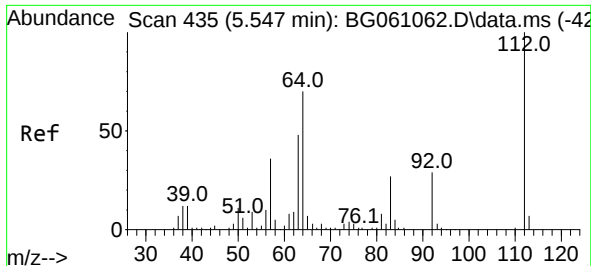


#4
n-Nitrosodimethylamine
Concen: 34.776 ng
RT: 3.740 min Scan# 128
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24



Tgt Ion: 42 Resp: 54626
Ion Ratio Lower Upper
42 100
74 59.9 47.8 71.8
44 6.9 4.7 7.1





#5
2-Fluorophenol
Concen: 128.191 ng
RT: 5.526 min Scan# 411
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

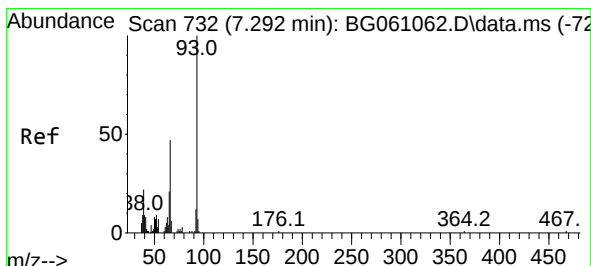
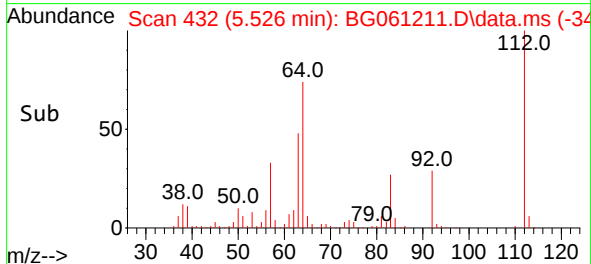
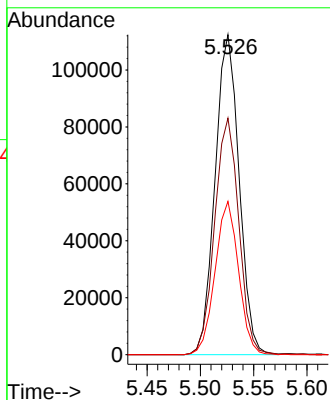
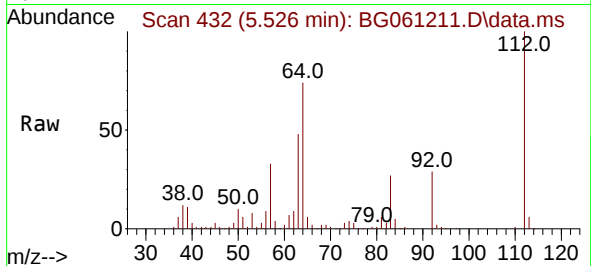
WC-MH-IIMS

Tgt Ion:112 Resp: 176150
Ion Ratio Lower Upper
112 100
64 73.9 55.7 83.5
63 47.9 38.1 57.1

Manual Integrations

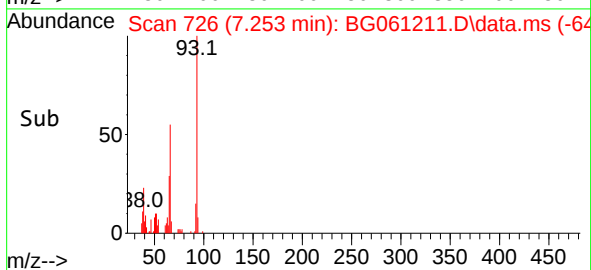
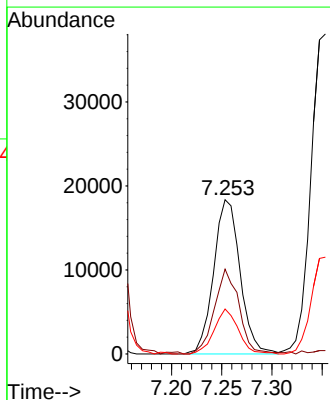
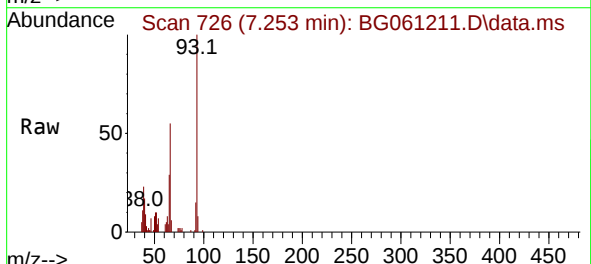
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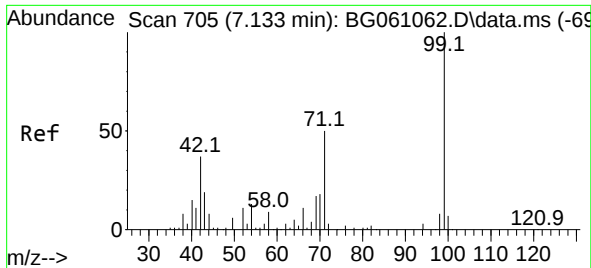
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#6
Aniline
Concen: 16.680 ng
RT: 7.253 min Scan# 726
Delta R.T. -0.038 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion: 93 Resp: 33613
Ion Ratio Lower Upper
93 100
66 55.0 37.4 56.0
65 29.1 16.6 24.8#





#7
Phenol-d6
Concen: 117.390 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

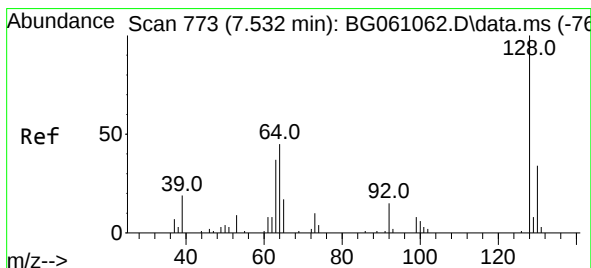
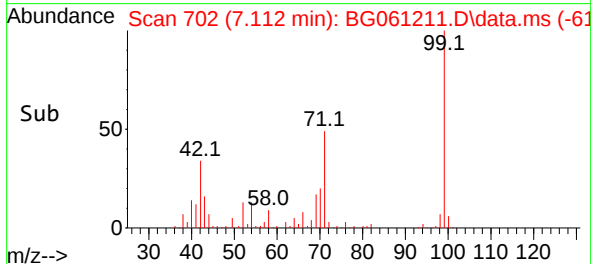
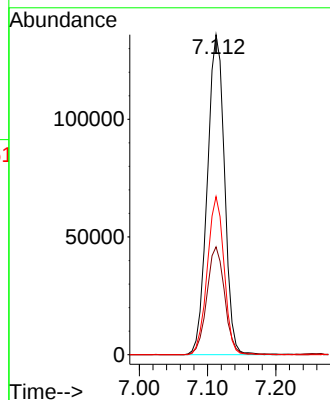
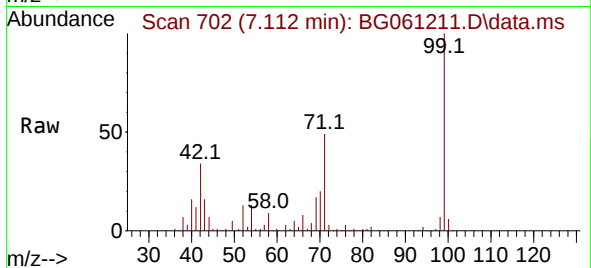
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Tgt Ion: 99 Resp: 238620
Ion Ratio Lower Upper
99 100
42 33.7 29.2 43.8
71 49.4 39.7 59.5

Manual Integrations

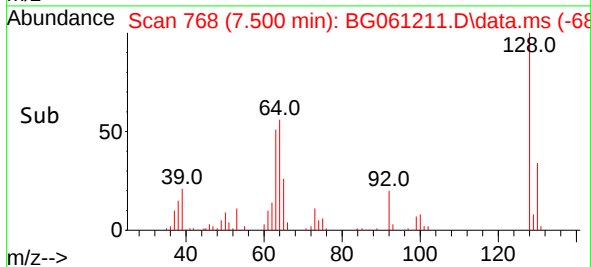
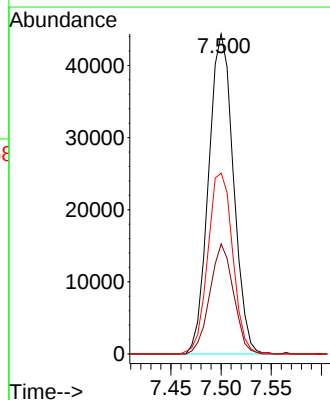
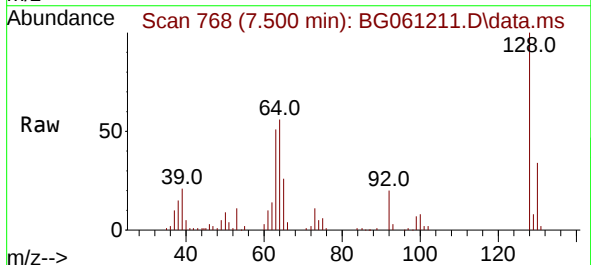
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#8
2-Chlorophenol
Concen: 45.238 ng
RT: 7.500 min Scan# 768
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:128 Resp: 76263
Ion Ratio Lower Upper
128 100
130 34.4 14.1 54.1
64 56.5 34.8 74.8





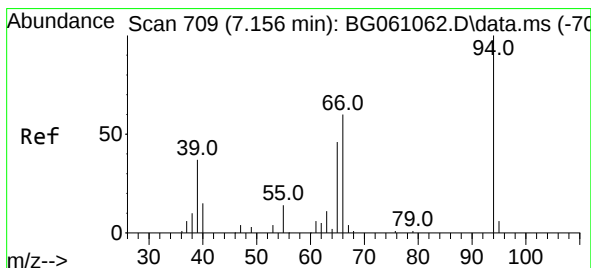
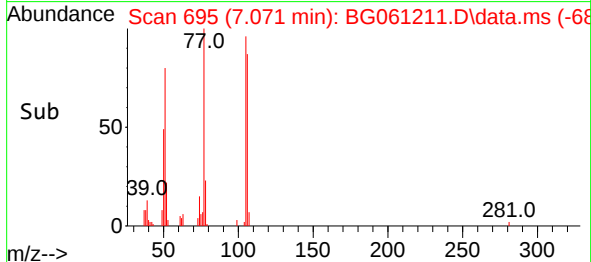
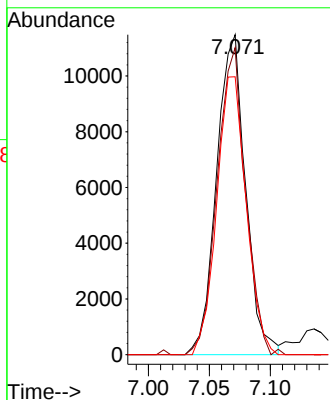
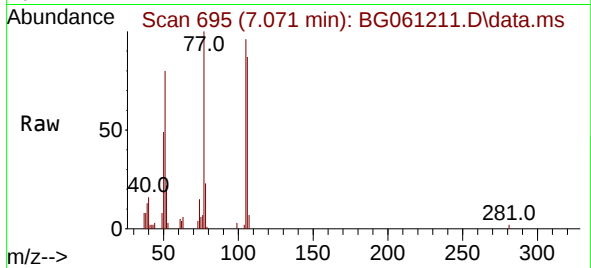
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Benzaldehyde
Concen: 14.771 ng
RT: 7.071 min Scan# 695
Delta R.T. -0.033 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS

Tgt Ion: 77 Resp: 1900
Ion Ratio Lower Upper
77 100
105 96.0 76.0 116.0
106 86.8 72.3 112.3

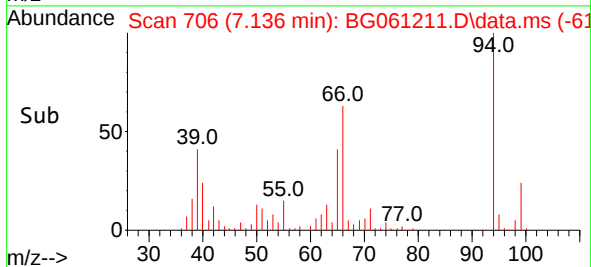
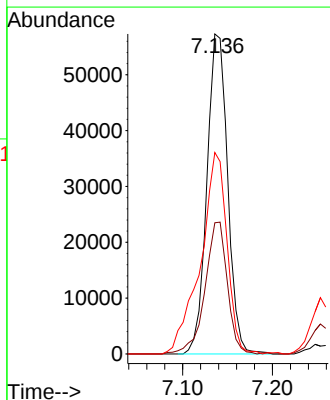
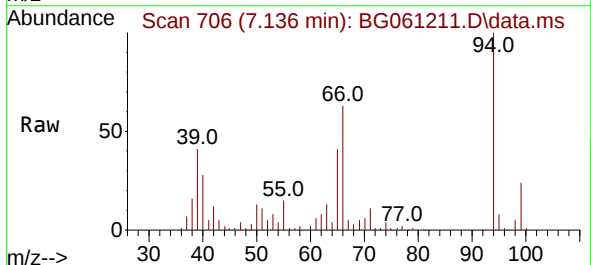
Manual Integrations
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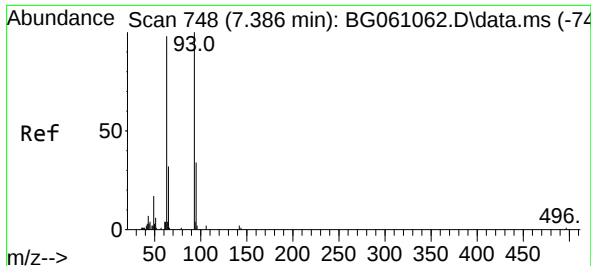
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#10
Phenol
Concen: 44.493 ng
RT: 7.136 min Scan# 706
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

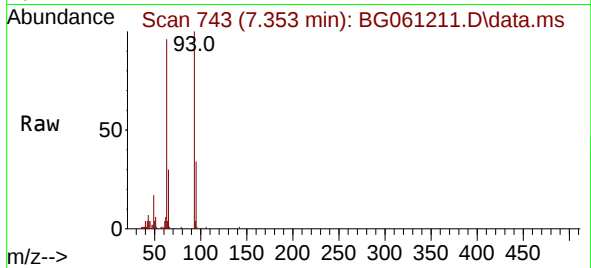
Tgt Ion: 94 Resp: 91976
Ion Ratio Lower Upper
94 100
65 41.0 26.8 66.8
66 63.0 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 42.732 ng
RT: 7.353 min Scan# 748
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

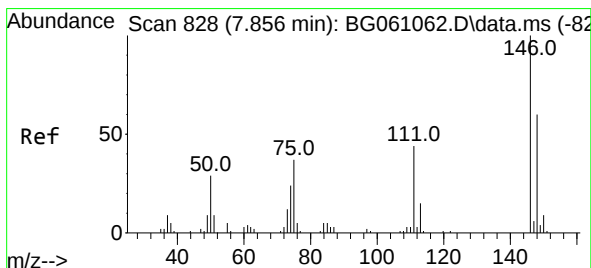
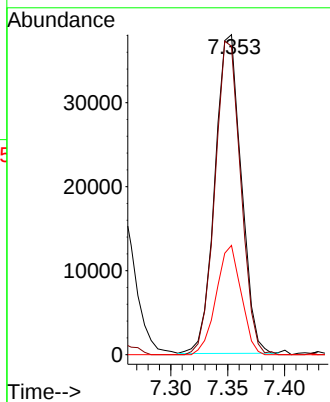
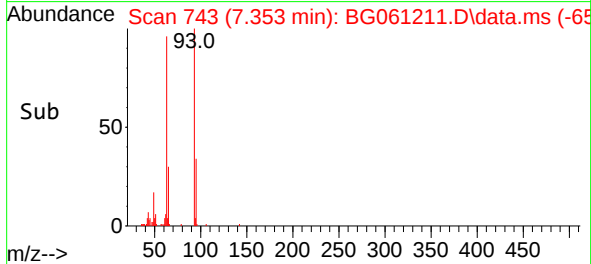
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



Tgt Ion: 93 Resp: 61029
Ion Ratio Lower Upper
93 100
63 96.4 76.8 116.8
95 34.1 13.6 53.6

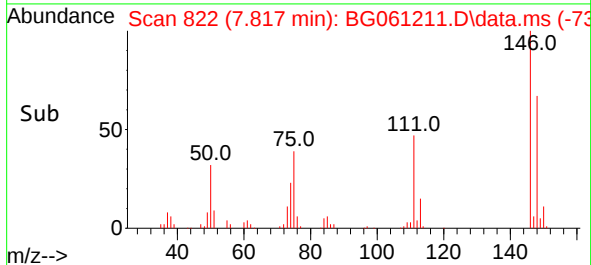
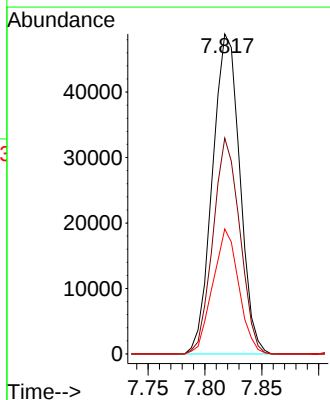
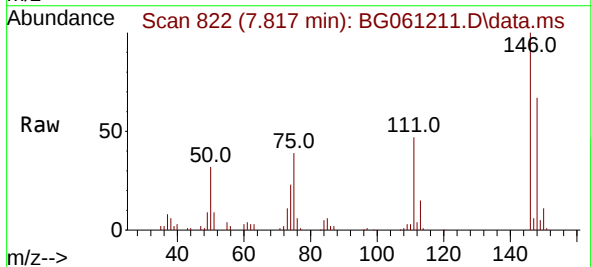
Manual Integrations
APPROVED

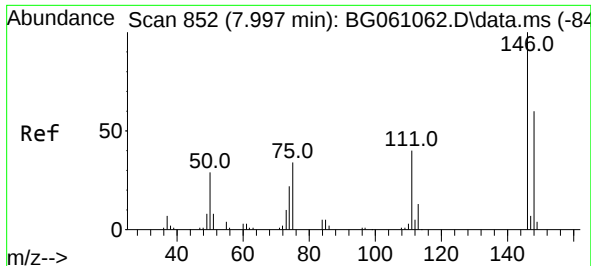
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#12
1,3-Dichlorobenzene
Concen: 41.236 ng
RT: 7.817 min Scan# 822
Delta R.T. -0.038 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:146 Resp: 81951
Ion Ratio Lower Upper
146 100
148 67.5 48.0 72.0
75 39.0 29.5 44.3





#13
1,4-Dichlorobenzene
Concen: 41.529 ng
RT: 7.964 min Scan# 847
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

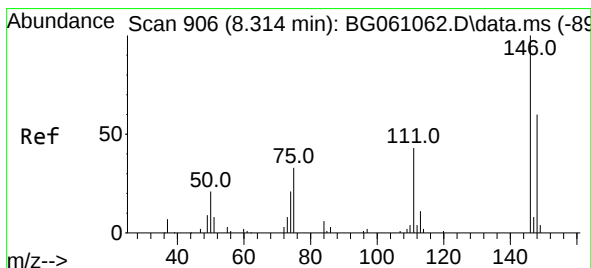
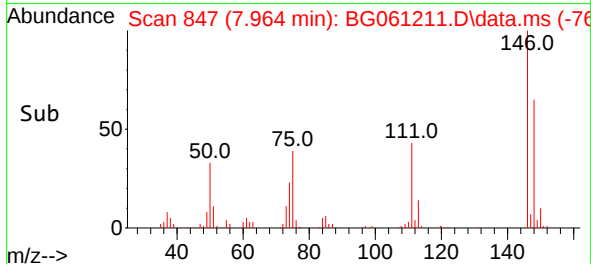
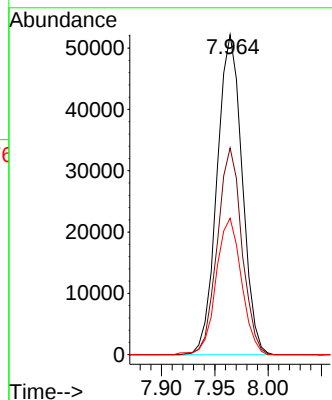
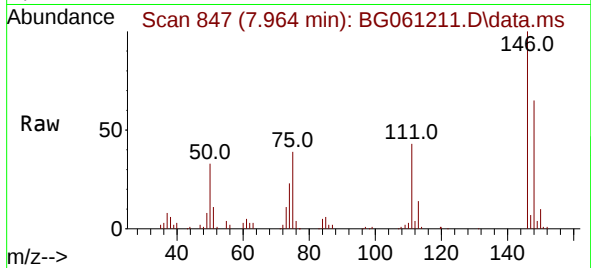
WC-MH-IIMS

Tgt Ion:146 Resp: 8530
Ion Ratio Lower Upper
146 100
148 64.6 48.1 72.1
111 42.6 32.5 48.7

Manual Integrations

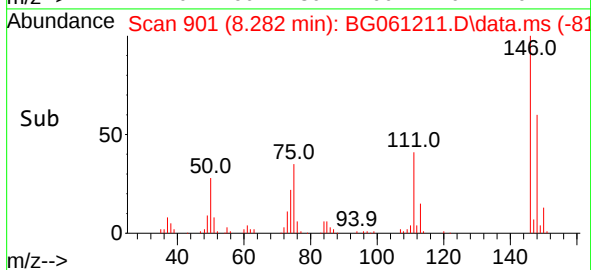
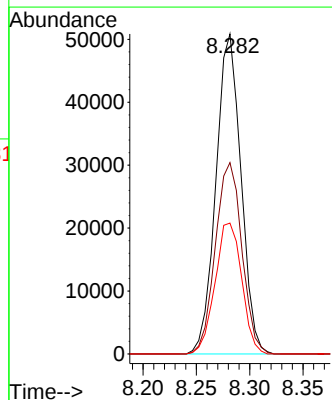
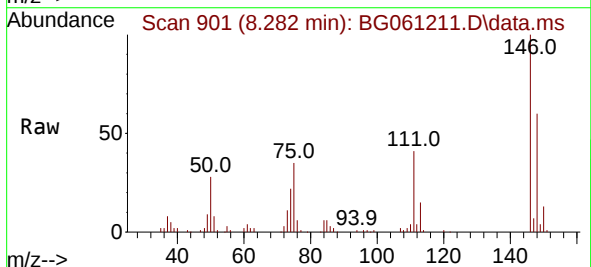
APPROVED

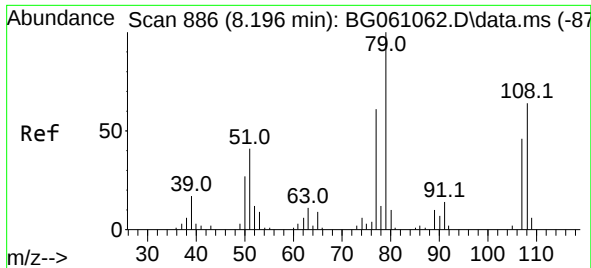
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#14
1,2-Dichlorobenzene
Concen: 41.904 ng
RT: 8.282 min Scan# 901
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:146 Resp: 83042
Ion Ratio Lower Upper
146 100
148 59.8 48.2 72.2
111 40.9 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.179 ng
RT: 8.164 min Scan# 81
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

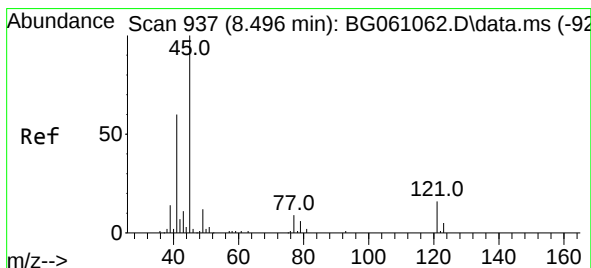
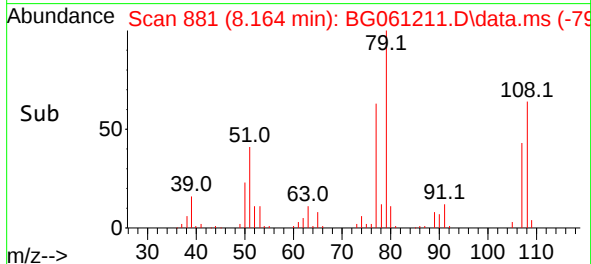
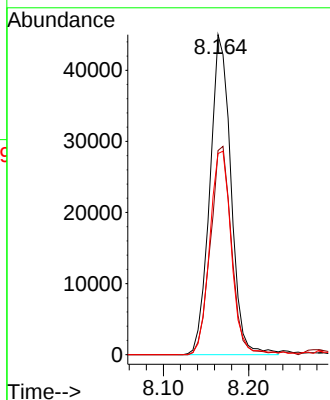
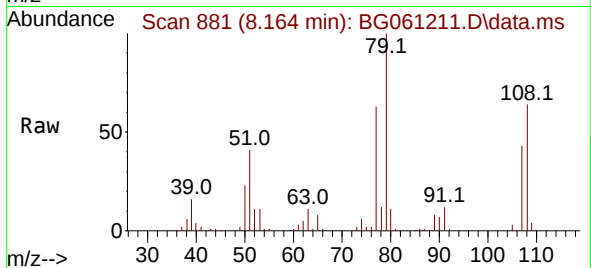
ClientSampleId :

WC-MH-IIMS

Tgt Ion: 79 Resp: 7734
Ion Ratio Lower Upper
79 100
108 63.8 51.1 76.7
77 62.8 49.0 73.6

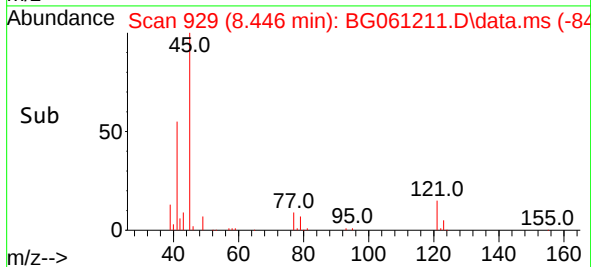
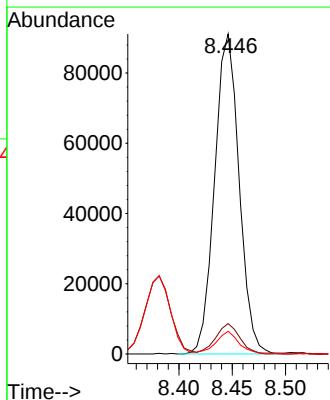
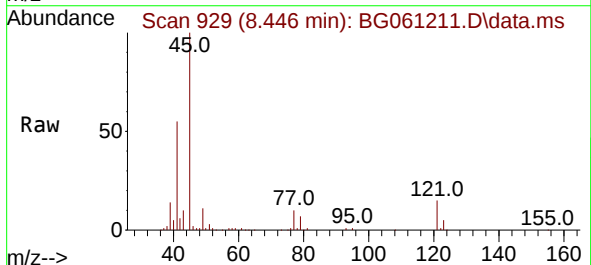
Manual Integrations
APPROVED

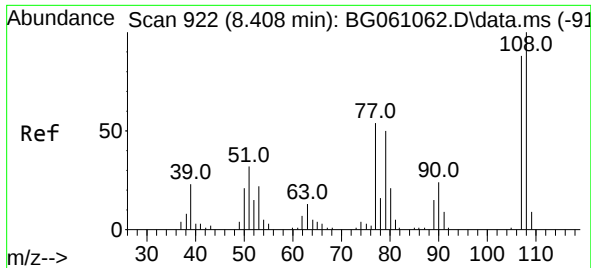
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.848 ng
RT: 8.446 min Scan# 929
Delta R.T. -0.050 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion: 45 Resp: 145173
Ion Ratio Lower Upper
45 100
77 9.5 0.0 30.2
79 7.1 0.0 26.5





#17
2-Methylphenol
Concen: 43.139 ng
RT: 8.381 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

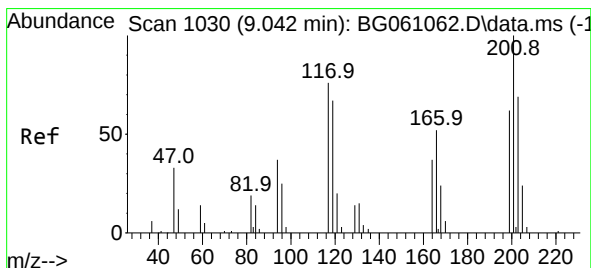
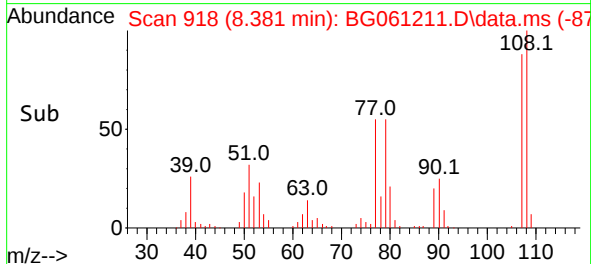
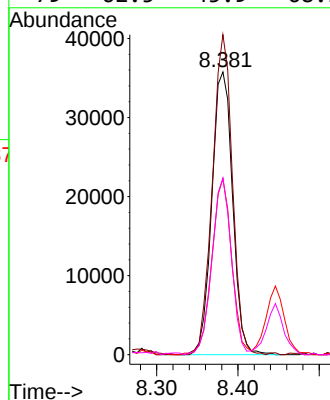
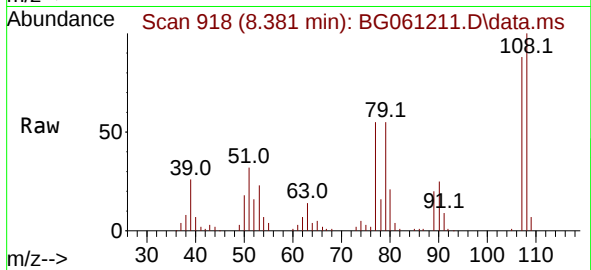
WC-MH-IIMS

Tgt Ion:107 Resp: 6355
Ion Ratio Lower Upper
107 100
108 113.2 91.4 137.2
77 62.2 49.4 74.2
79 62.5 45.9 68.9

Manual Integrations

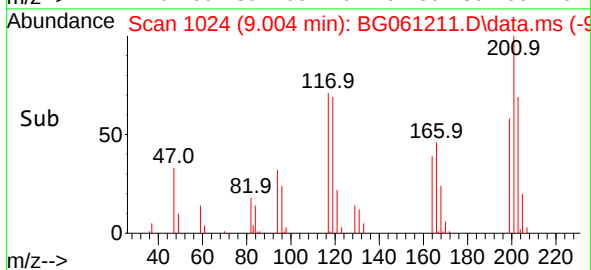
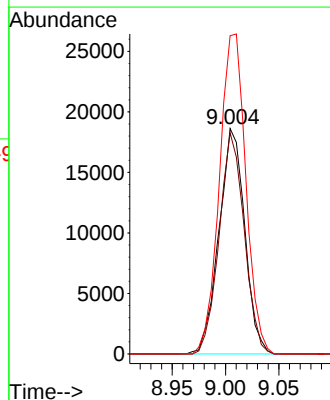
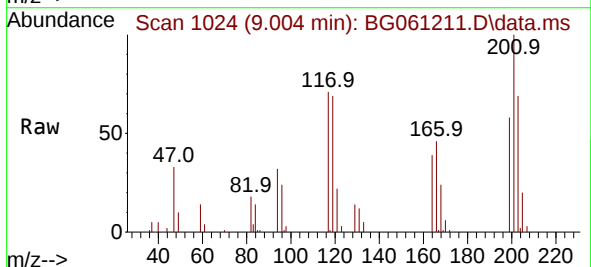
APPROVED

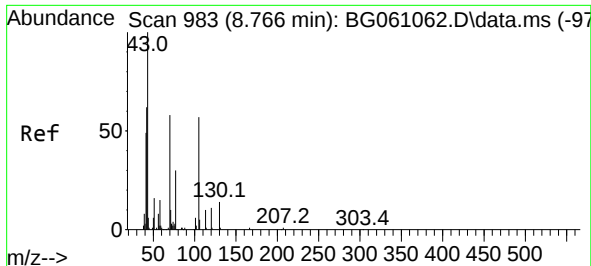
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#18
Hexachloroethane
Concen: 42.613 ng
RT: 9.004 min Scan# 1024
Delta R.T. -0.038 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:117 Resp: 31232
Ion Ratio Lower Upper
117 100
119 96.7 71.4 107.0
201 139.1 105.8 158.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.460 ng
RT: 8.734 min Scan# 911
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

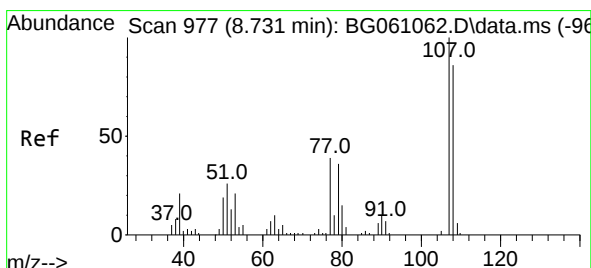
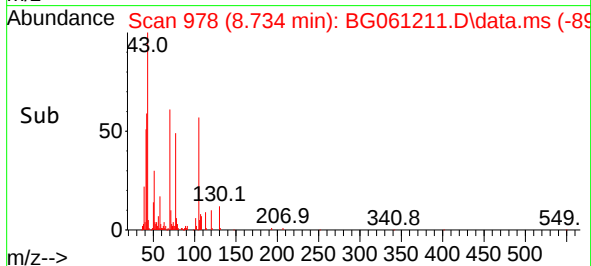
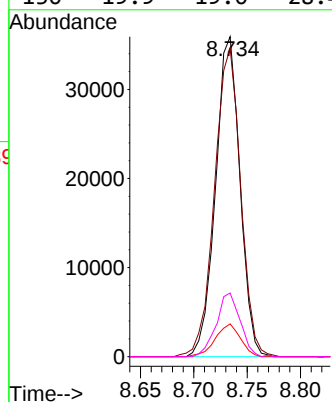
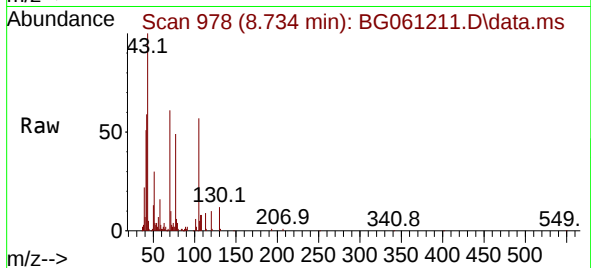
WC-MH-IIMS

Tgt Ion: 70 Resp: 5698
Ion Ratio Lower Upper
70 100
42 96.5 86.4 129.6
101 10.3 7.8 11.8
130 19.9 19.0 28.4

Manual Integrations

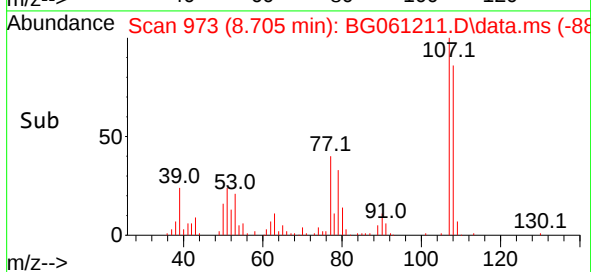
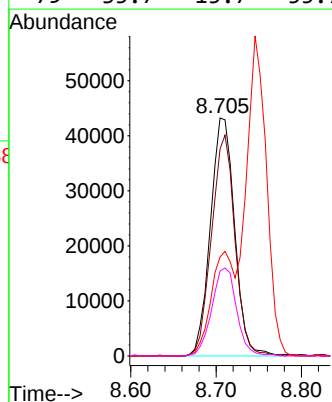
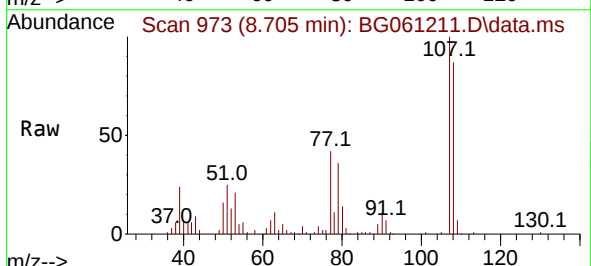
APPROVED

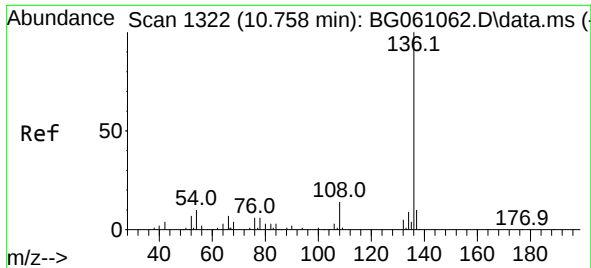
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#20
3+4-Methylphenols
Concen: 40.101 ng
RT: 8.705 min Scan# 973
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:107 Resp: 85231
Ion Ratio Lower Upper
107 100
108 87.0 65.7 105.7
77 41.6 19.4 59.4
79 35.7 15.7 55.7





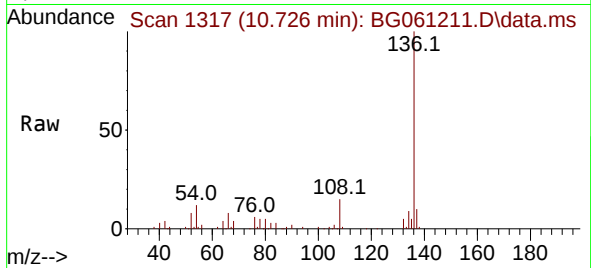
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1322
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

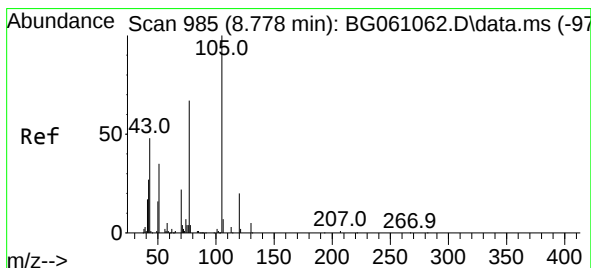
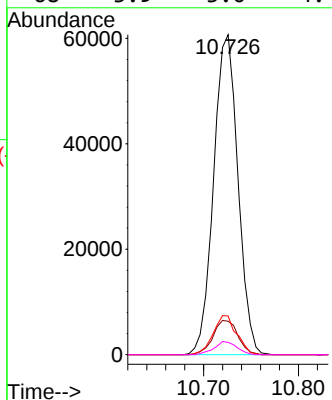
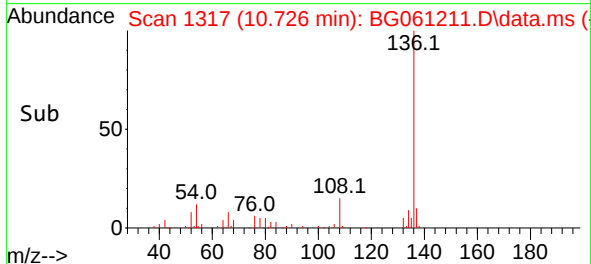


Tgt Ion:136 Resp: 10813
Ion Ratio Lower Upper
136 100
137 10.4 7.8 11.6
54 12.9 8.1 12.1
68 3.9 3.0 4.4

Manual Integrations

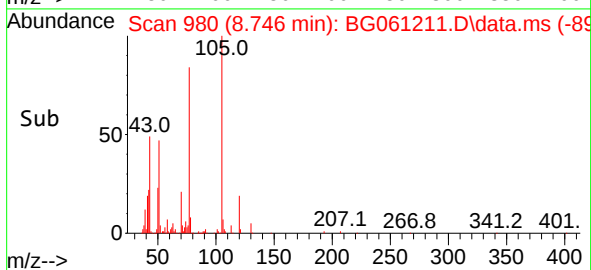
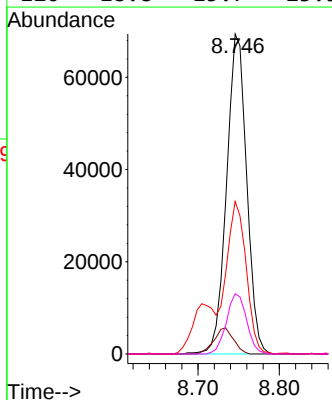
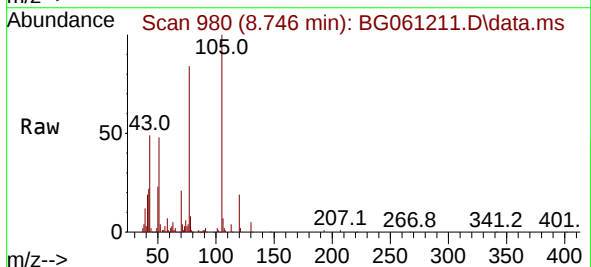
APPROVED

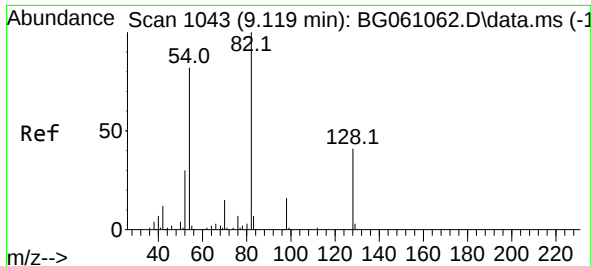
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#22
Acetophenone
Concen: 44.256 ng
RT: 8.746 min Scan# 980
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:105 Resp: 119178
Ion Ratio Lower Upper
105 100
71 3.9 3.3 4.9
51 47.6 36.7 55.1
120 18.8 15.7 23.5





#23

Nitrobenzene-d5

Concen: 79.470 ng

RT: 9.086 min Scan# 1038

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

Tgt Ion: 82 Resp: 17334

Ion Ratio Lower Upper

82 100

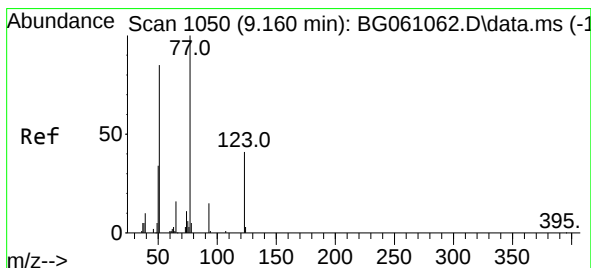
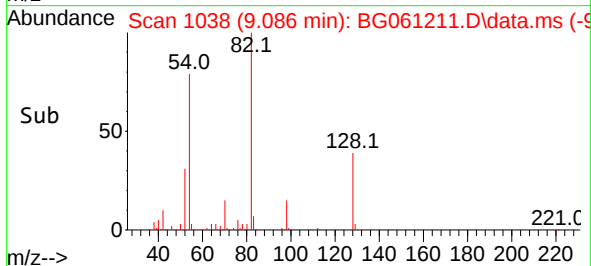
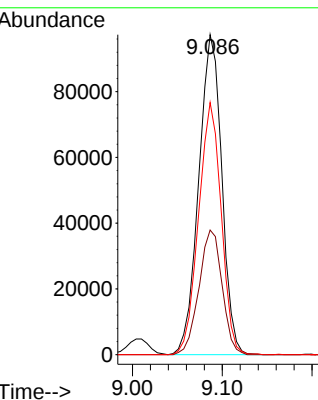
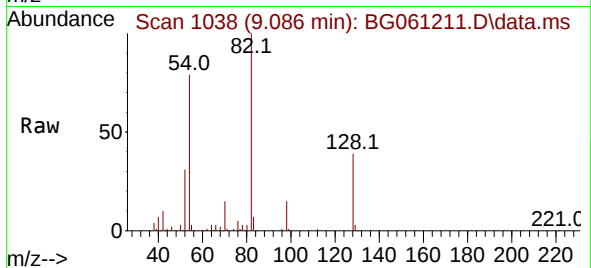
128 39.0 32.7 49.1

54 78.8 65.6 98.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#24

Nitrobenzene

Concen: 44.155 ng

RT: 9.128 min Scan# 1045

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

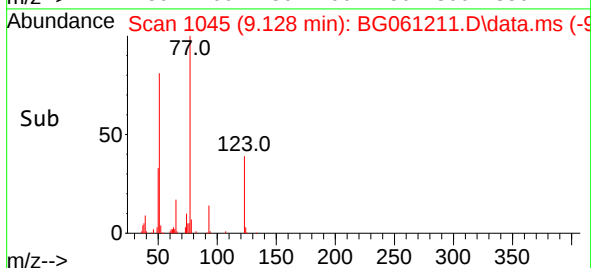
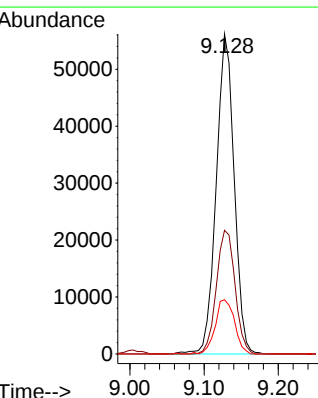
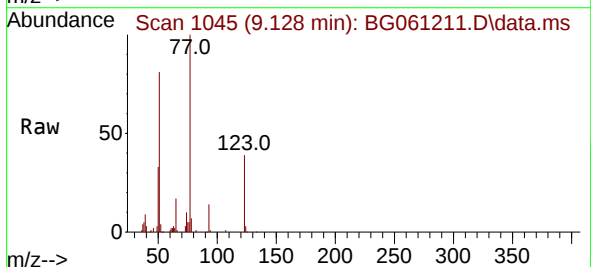
Tgt Ion: 77 Resp: 94223

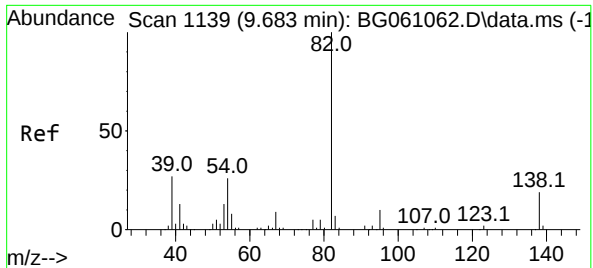
Ion Ratio Lower Upper

77 100

123 38.7 33.1 49.7

65 17.0 13.1 19.7





#25
Isophorone
Concen: 40.075 ng
RT: 9.650 min Scan# 1139
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

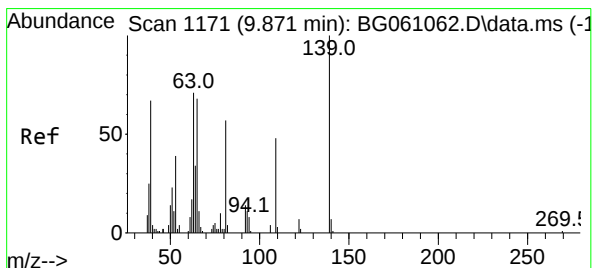
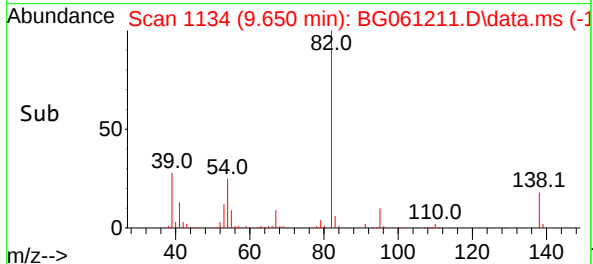
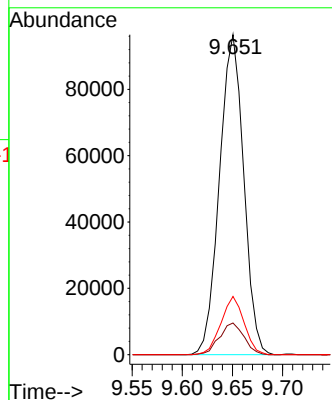
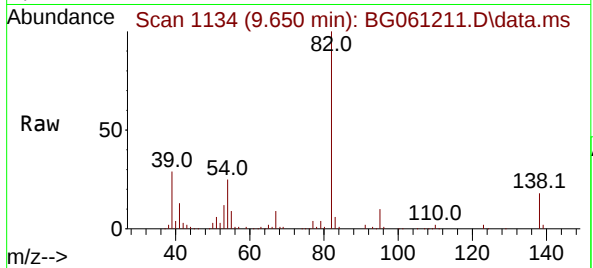
WC-MH-IIMS

Tgt Ion: 82 Resp: 161590
Ion Ratio Lower Upper
82 100
95 9.9 8.3 12.5
138 18.2 15.2 22.8

Manual Integrations

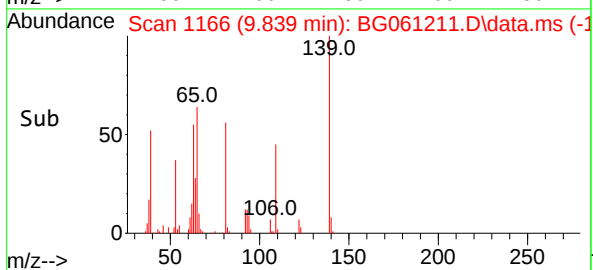
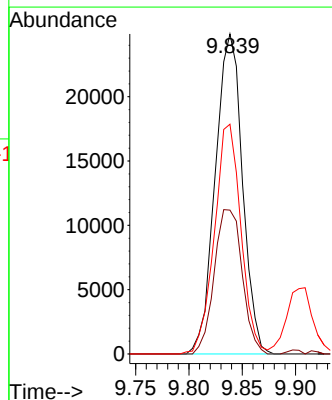
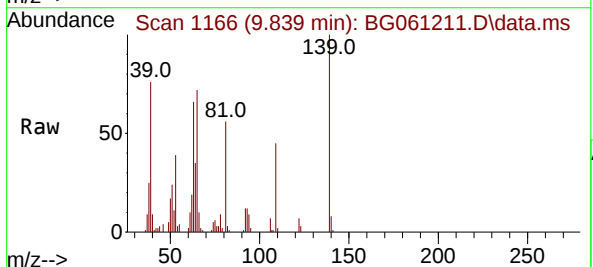
APPROVED

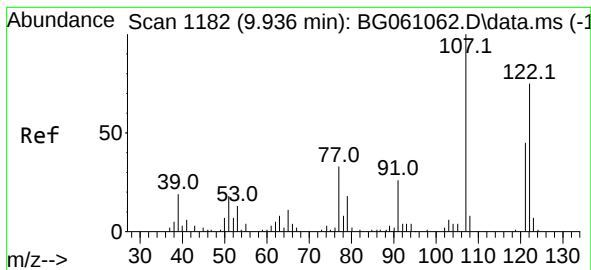
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#26
2-Nitrophenol
Concen: 43.557 ng
RT: 9.839 min Scan# 1166
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:139 Resp: 44037
Ion Ratio Lower Upper
139 100
109 44.9 38.5 57.7
65 71.8 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 48.543 ng

RT: 9.903 min Scan# 1177

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

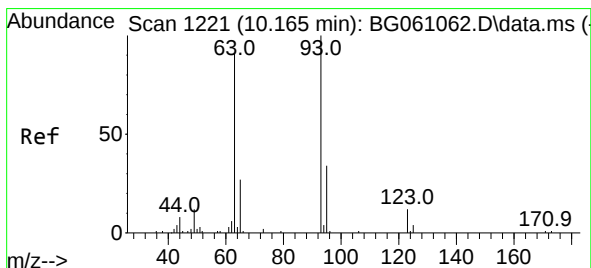
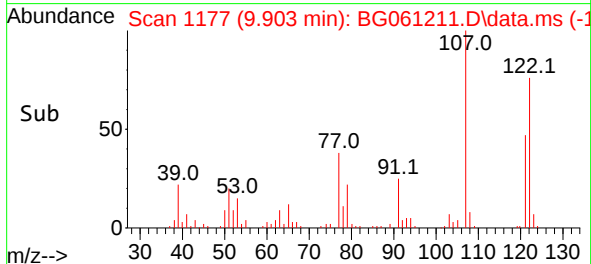
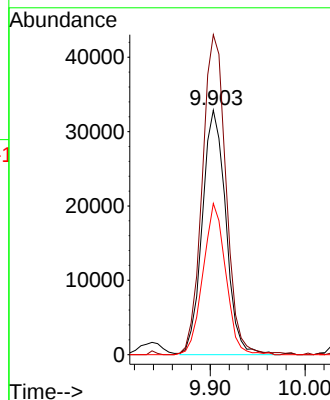
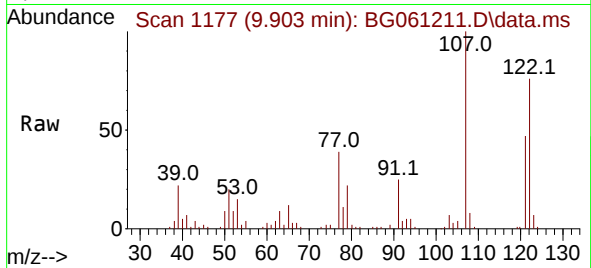
WC-MH-IIMS

Tgt Ion:122 Resp: 5658
 Ion Ratio Lower Upper
 122 100
 107 130.9 106.9 160.3
 121 61.9 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.970 ng

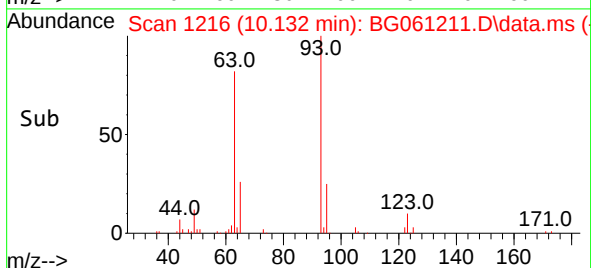
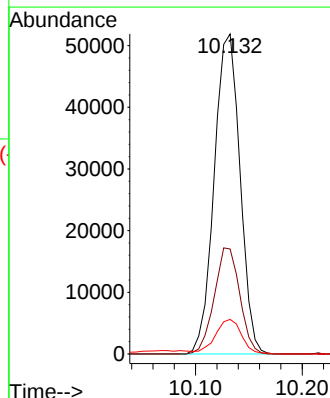
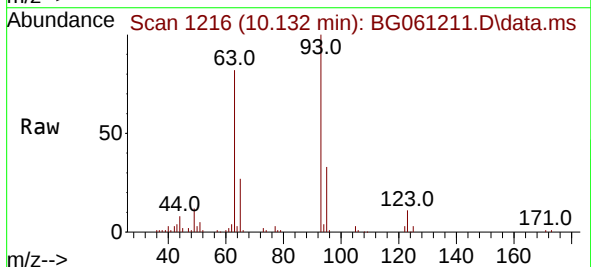
RT: 10.132 min Scan# 1216

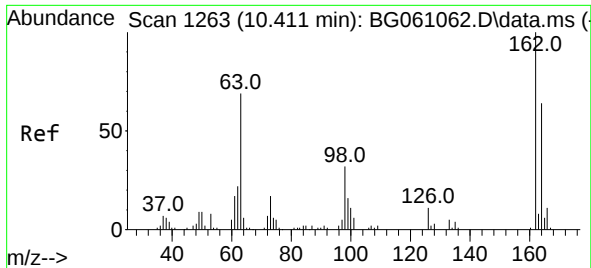
Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Tgt Ion: 93 Resp: 87013
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.4 41.0
 123 10.8 9.7 14.5





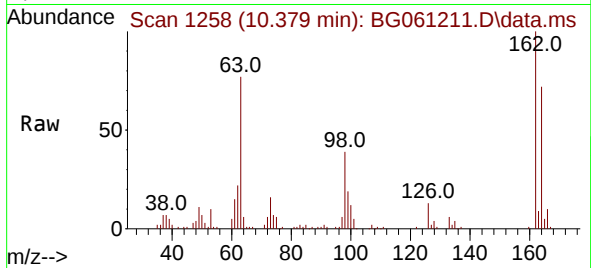
#29
2,4-Dichlorophenol
Concen: 45.534 ng
RT: 10.379 min Scan# 1258
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

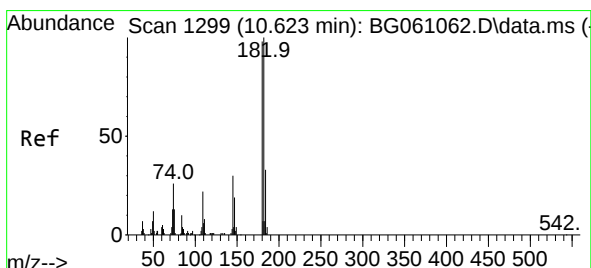
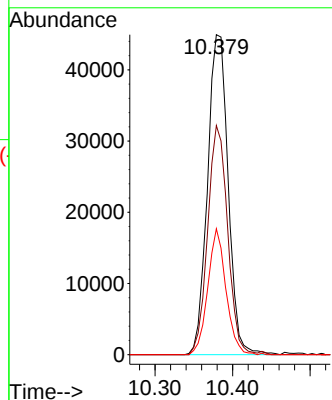
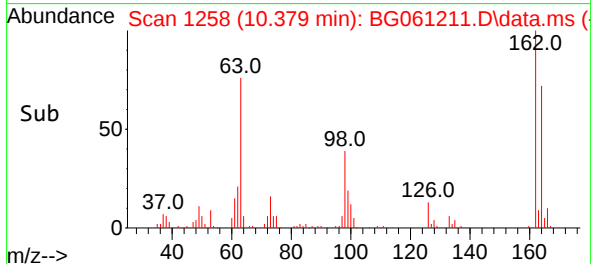


Tgt Ion:162 Resp: 83159
Ion Ratio Lower Upper
162 100
164 71.6 43.6 83.6
98 39.4 12.3 52.3

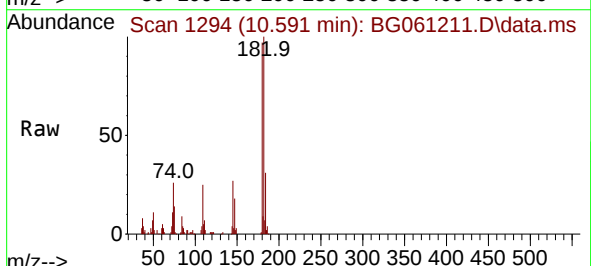
Manual Integrations

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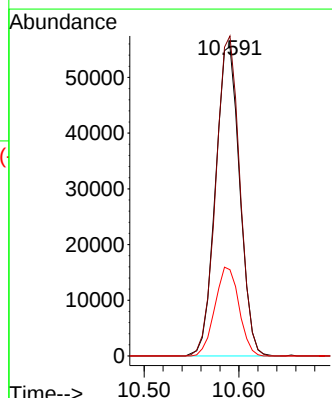
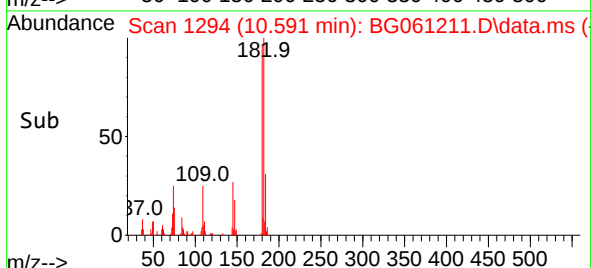
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

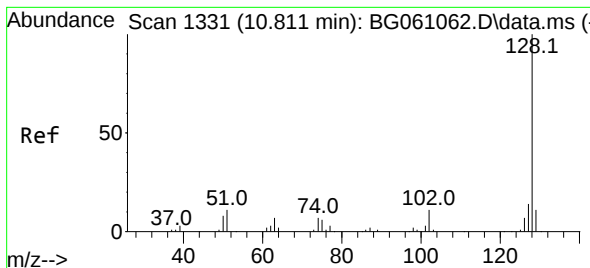


#30
1,2,4-Trichlorobenzene
Concen: 44.817 ng
RT: 10.591 min Scan# 1294
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24



Tgt Ion:180 Resp: 98624
Ion Ratio Lower Upper
180 100
182 103.4 81.7 122.5
145 27.9 24.5 36.7





#31

Naphthalene

Concen: 43.285 ng

RT: 10.773 min Scan# 11

Delta R.T. -0.038 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

Tgt Ion:128 Resp: 24325

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

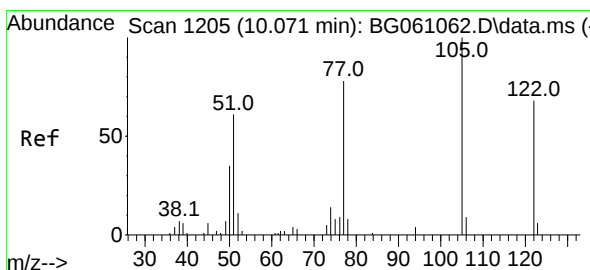
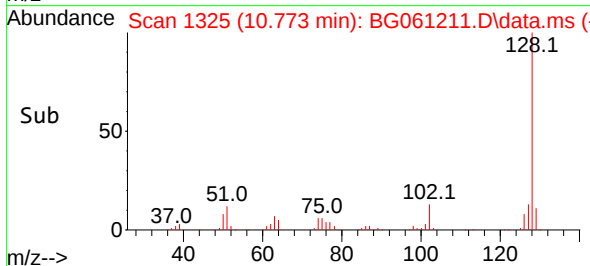
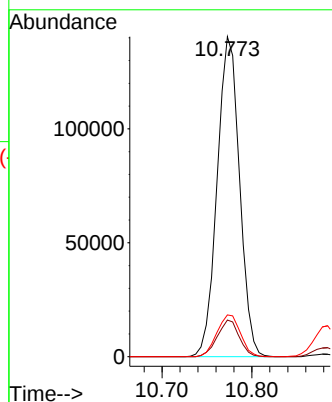
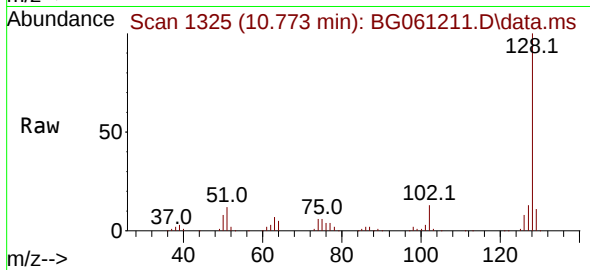
127 13.1 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024

Supervised By :mohammad ahmed 05/17/2024



#32

Benzoic acid

Concen: 22.177 ng m

RT: 10.074 min Scan# 1206

Delta R.T. 0.003 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

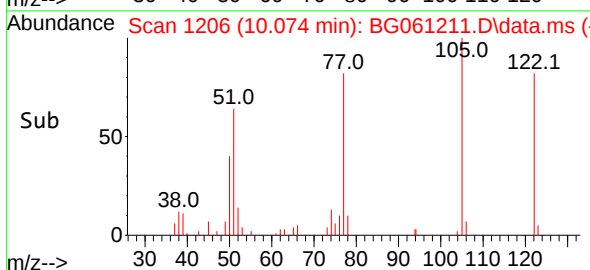
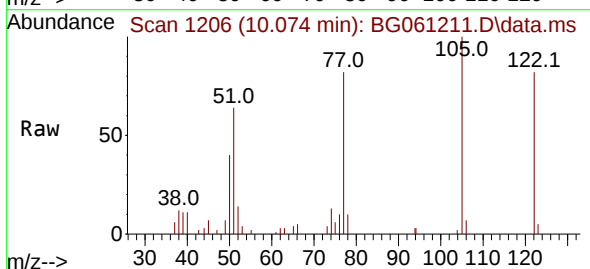
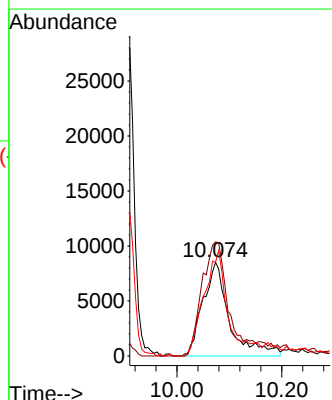
Tgt Ion:122 Resp: 29882

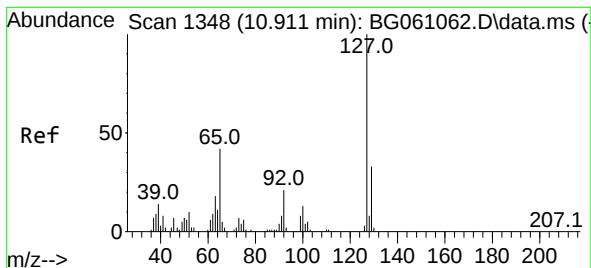
Ion Ratio Lower Upper

122 100

105 121.8 123.3 163.3#

77 100.1 93.2 133.2





#33
4-Chloroaniline
Concen: 12.427 ng
RT: 10.884 min Scan# 1344
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

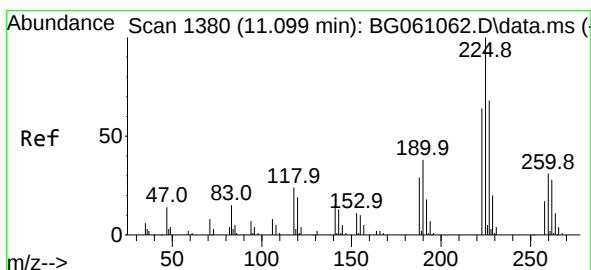
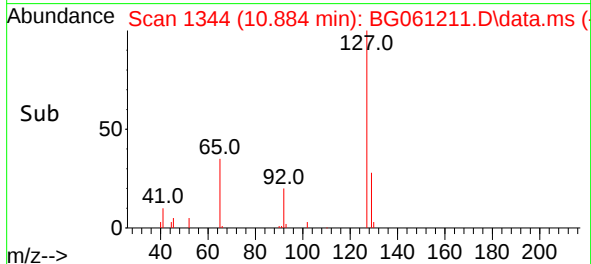
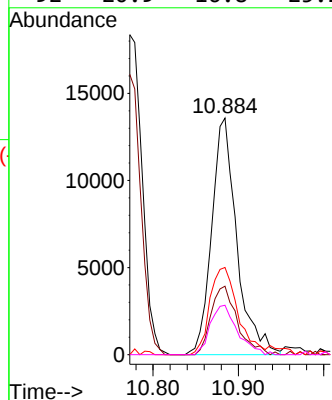
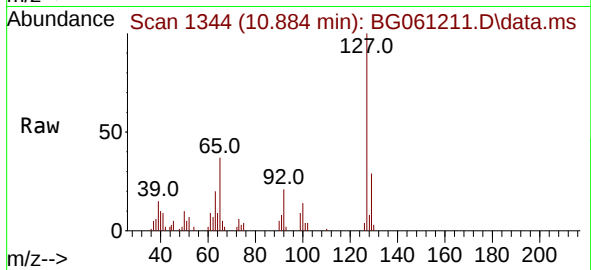
WC-MH-IIMS

Tgt Ion:	127	Resp:	2785
Ion Ratio	Lower	Upper	
127	100		
129	28.9	26.6	39.8
65	36.9	33.6	50.4
92	20.9	16.8	25.2

Manual Integrations

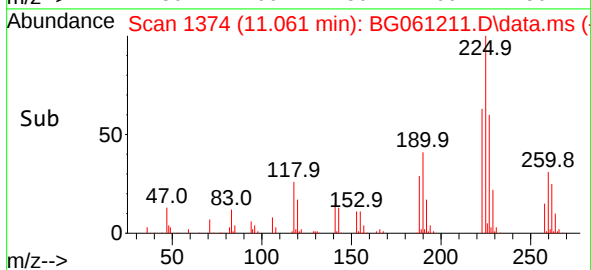
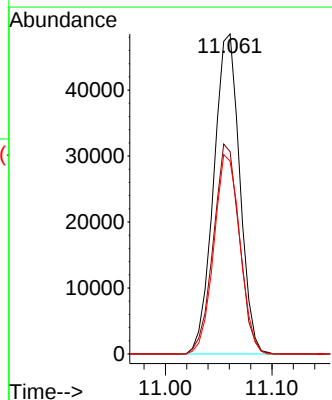
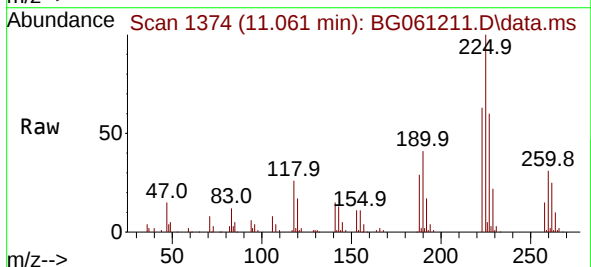
APPROVED

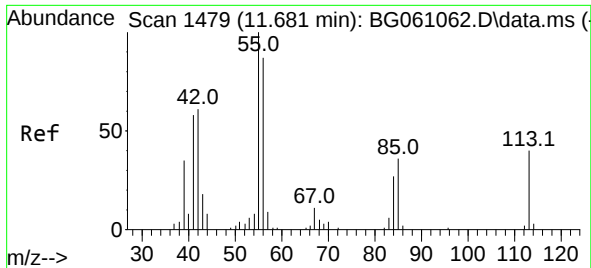
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#34
Hexachlorobutadiene
Concen: 43.547 ng
RT: 11.061 min Scan# 1374
Delta R.T. -0.038 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:	225	Resp:	82224
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.0	76.4
227	60.3	54.6	82.0





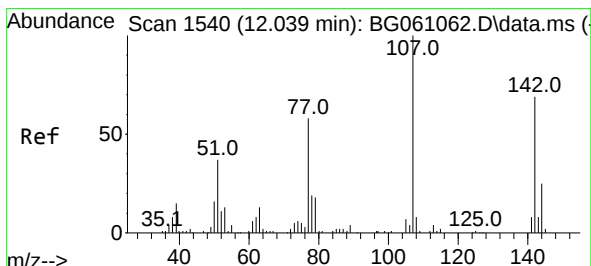
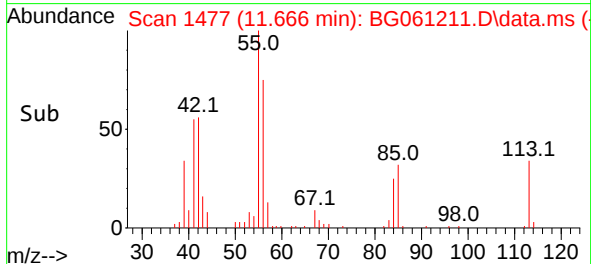
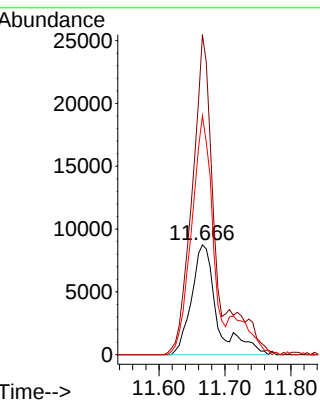
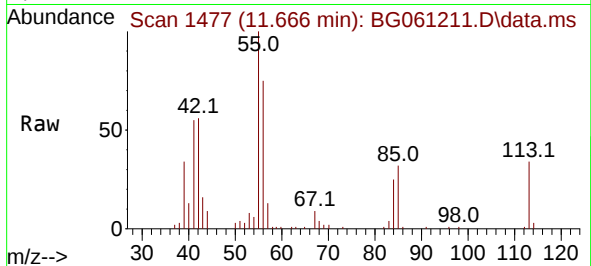
#35
Caprolactam
Concen: 35.641 ng m
RT: 11.666 min Scan# 1479
Delta R.T. -0.015 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS

Tgt Ion:113 Resp: 2344
Ion Ratio Lower Upper
113 100
55 291.5 227.6 267.6
56 217.6 195.1 235.1

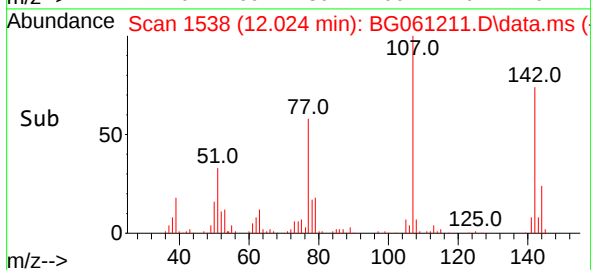
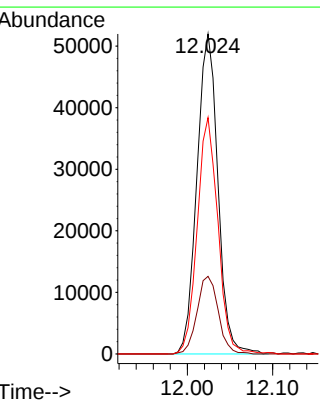
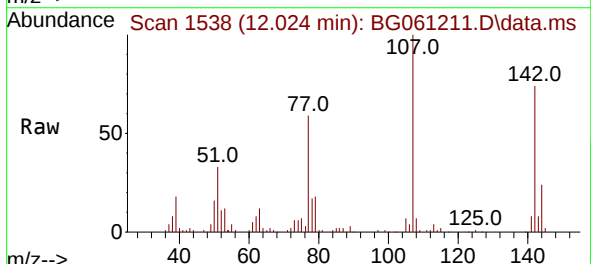
Manual Integrations
APPROVED

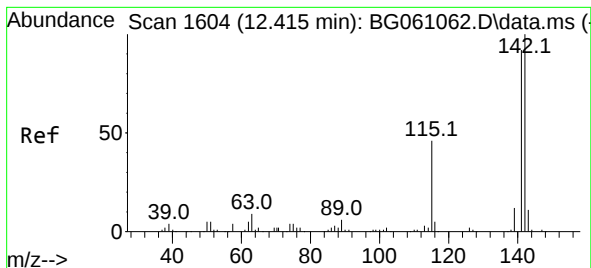
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#36
4-Chloro-3-methylphenol
Concen: 40.404 ng
RT: 12.024 min Scan# 1538
Delta R.T. -0.015 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:107 Resp: 88980
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.4
142 73.8 55.6 83.4





#37

2-Methylnaphthalene

Concen: 40.814 ng

RT: 12.383 min Scan# 1

Delta R.T. -0.032 min

Lab File: BG061211.D

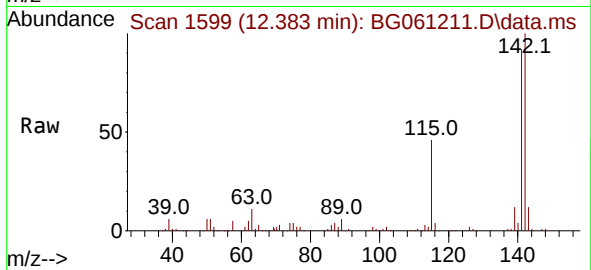
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS



Tgt Ion:142 Resp: 171880

Ion Ratio Lower Upper

142 100

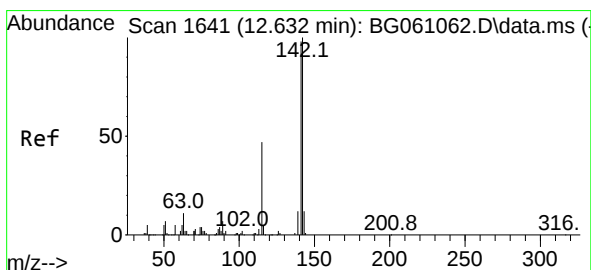
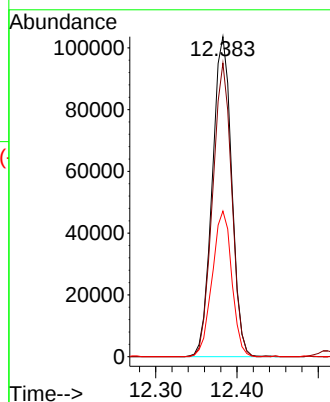
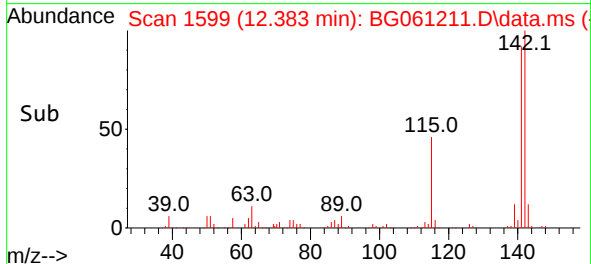
141 91.7 73.8 110.8

115 45.5 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#38

1-Methylnaphthalene

Concen: 37.897 ng

RT: 12.600 min Scan# 1636

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

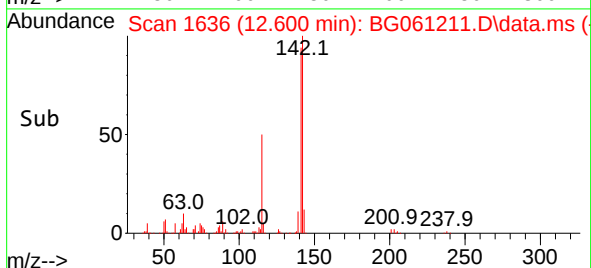
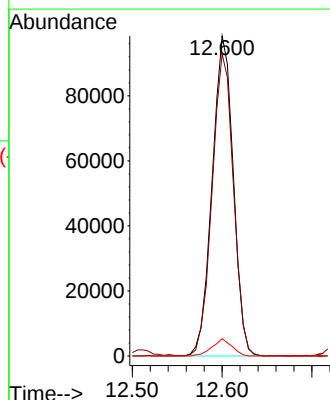
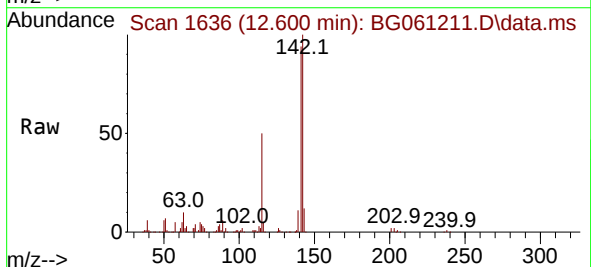
Tgt Ion:142 Resp: 160667

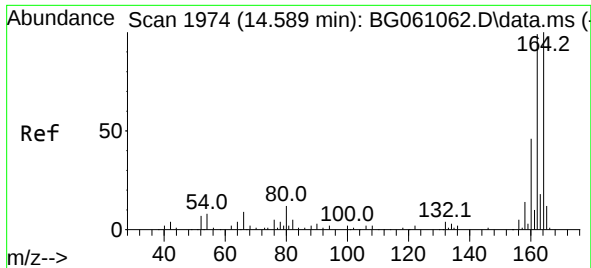
Ion Ratio Lower Upper

142 100

141 94.4 78.4 117.6

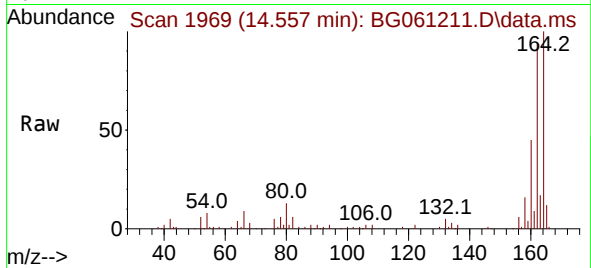
116 5.4 4.3 6.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1969
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

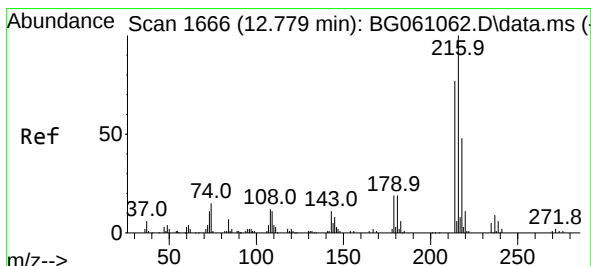
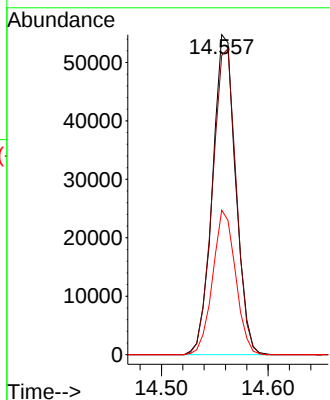
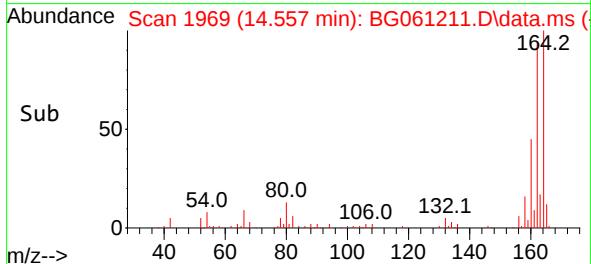
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



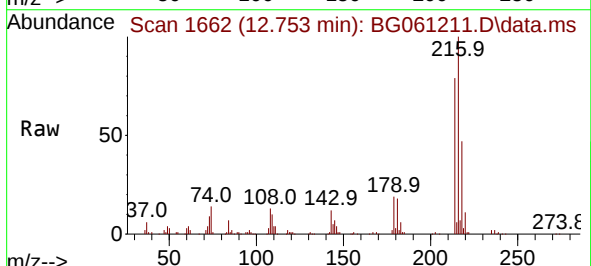
Tgt Ion:164 Resp: 8261
Ion Ratio Lower Upper
164 100
162 93.5 79.4 119.2
160 45.2 37.0 55.6

Manual Integrations
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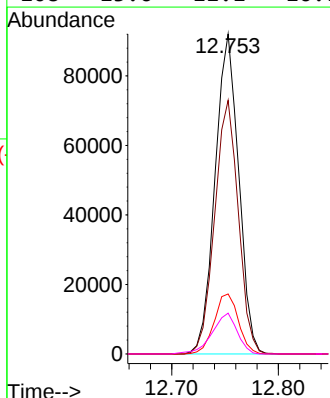
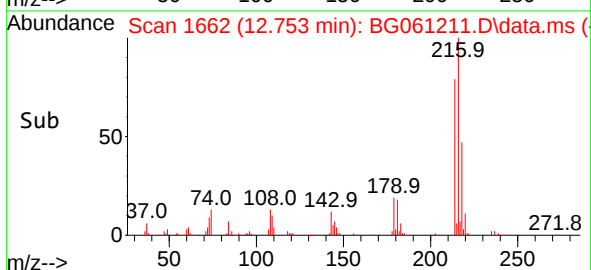
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

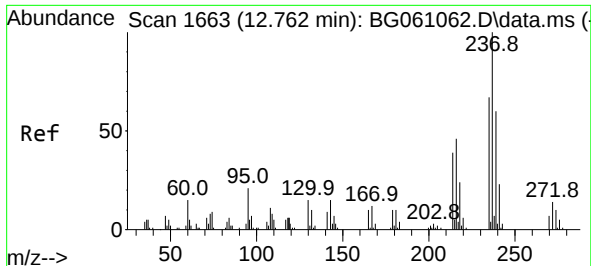


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.253 ng
RT: 12.753 min Scan# 1662
Delta R.T. -0.026 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24



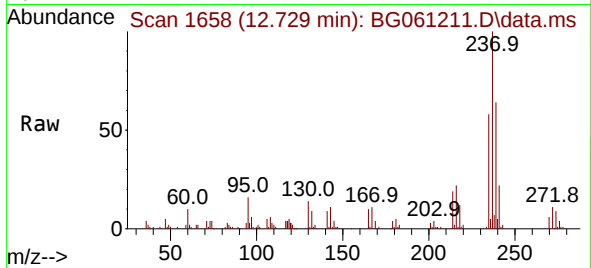
Tgt Ion:216 Resp: 141315
Ion Ratio Lower Upper
216 100
214 79.3 64.2 96.2
179 19.2 15.4 23.2
108 13.6 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 57.837 ng
RT: 12.729 min Scan# 1658
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

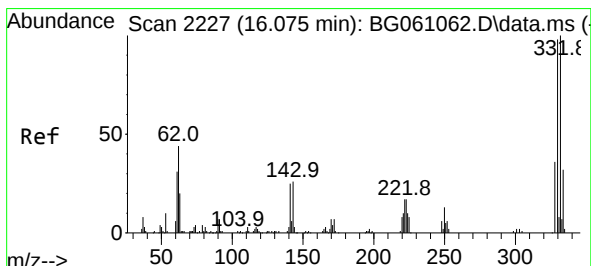
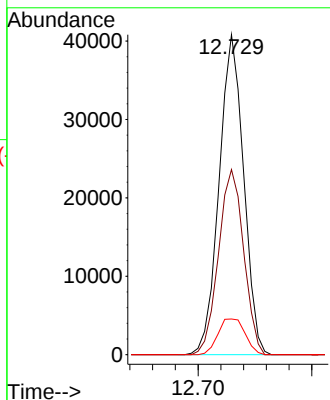
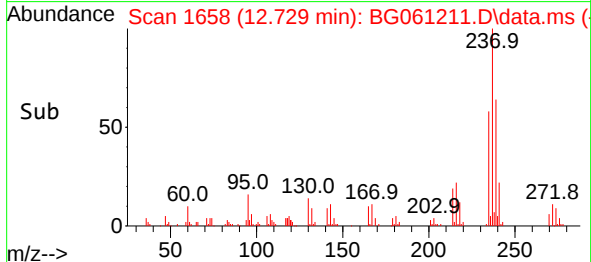
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



Tgt Ion:237 Resp: 61040
Ion Ratio Lower Upper
237 100
235 57.9 46.5 86.5
272 11.2 0.0 33.9

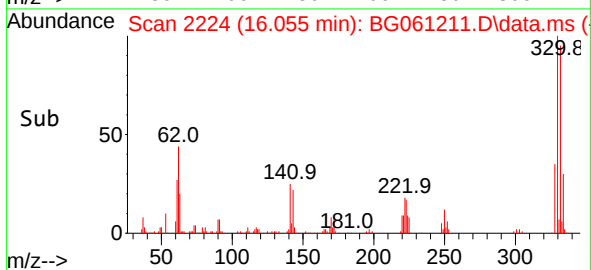
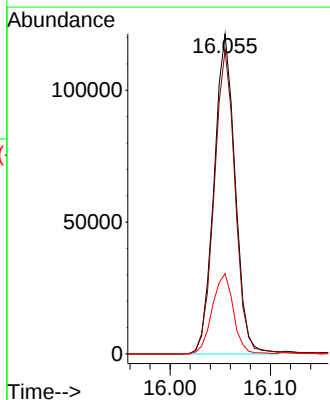
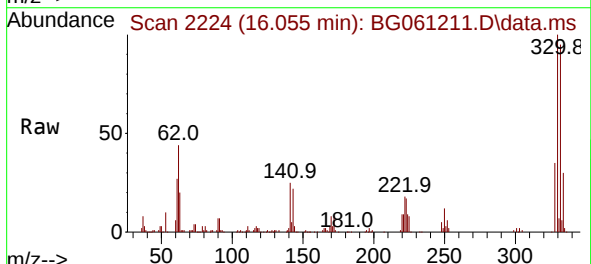
Manual Integrations
APPROVED

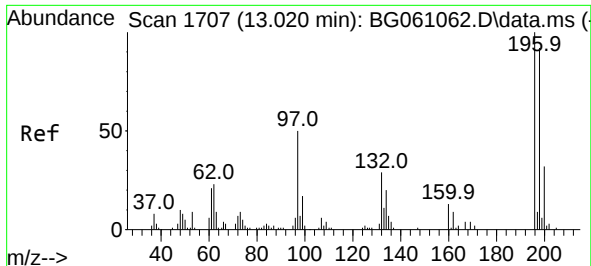
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#42
2,4,6-Tribromophenol
Concen: 107.226 ng
RT: 16.055 min Scan# 2224
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:330 Resp: 177069
Ion Ratio Lower Upper
330 100
332 95.2 78.6 117.8
141 25.2 20.5 30.7





#43
2,4,6-Trichlorophenol
Concen: 45.298 ng
RT: 13.000 min Scan# 1716
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

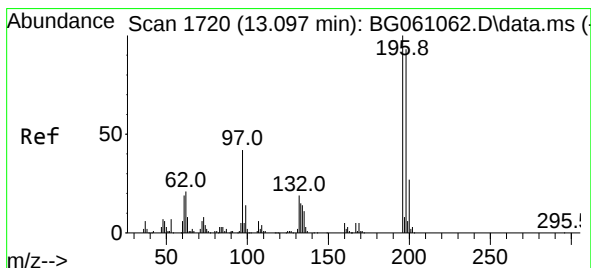
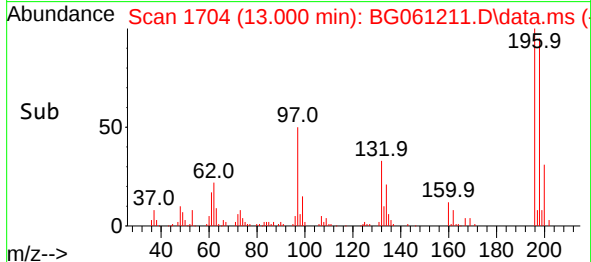
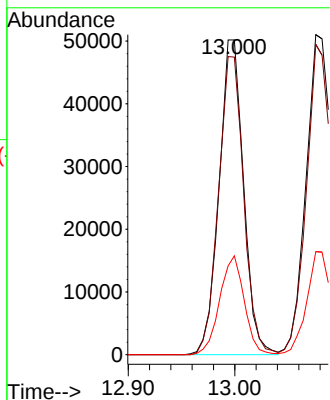
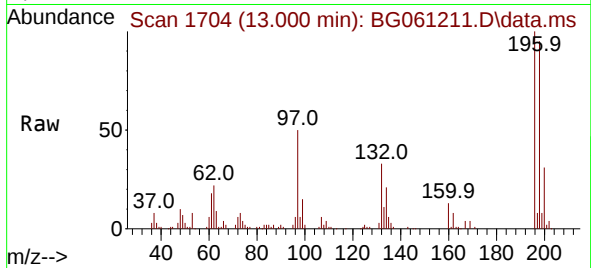
WC-MH-IIMS

Tgt Ion:196 Resp: 80184
Ion Ratio Lower Upper
196 100
198 94.5 73.8 110.6
200 31.4 25.5 38.3

Manual Integrations

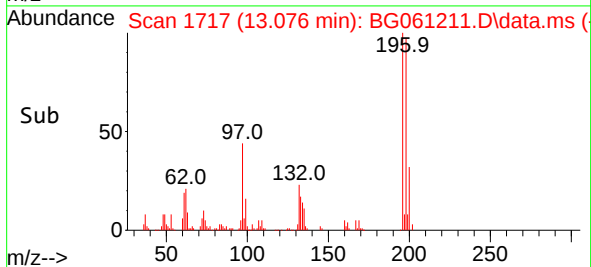
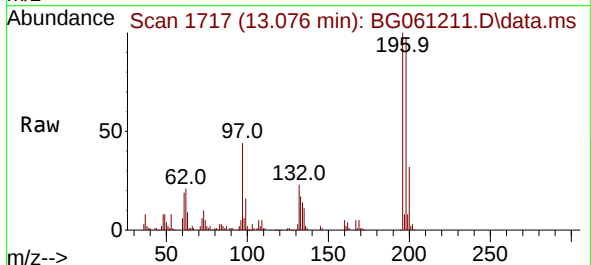
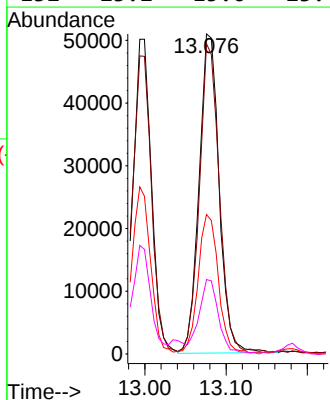
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#44
2,4,5-Trichlorophenol
Concen: 43.505 ng
RT: 13.076 min Scan# 1717
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:196 Resp: 87158
Ion Ratio Lower Upper
196 100
198 96.9 74.3 111.5
97 43.6 33.6 50.4
132 23.2 15.6 23.4





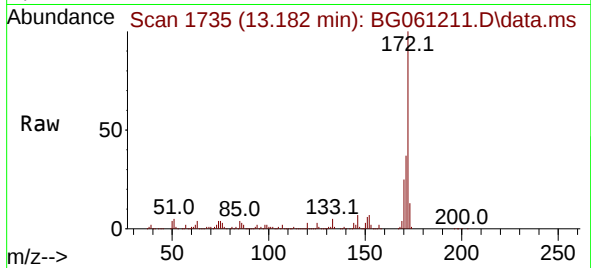
#45
2-Fluorobiphenyl
Concen: 78.097 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

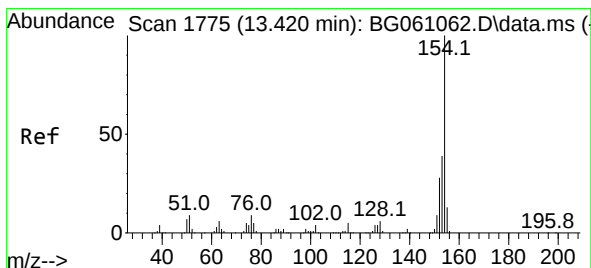
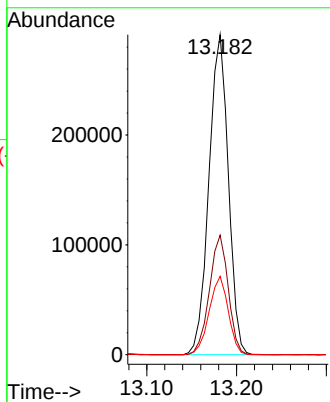
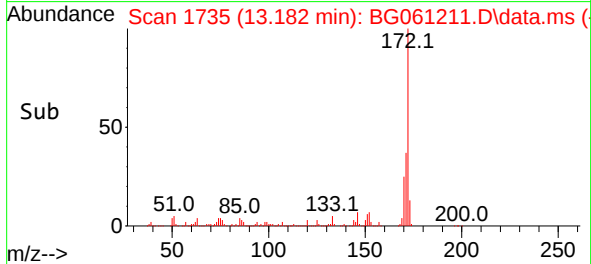


Tgt Ion:172 Resp: 436334
Ion Ratio Lower Upper
172 100
171 37.4 29.0 43.6
170 24.5 20.2 30.4

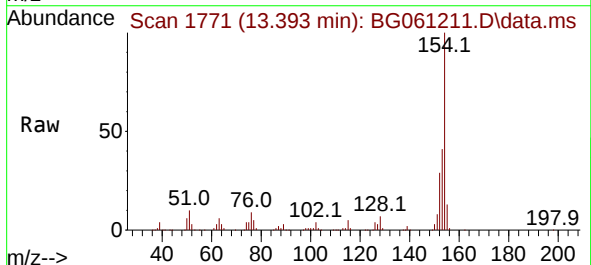
Manual Integrations

APPROVED

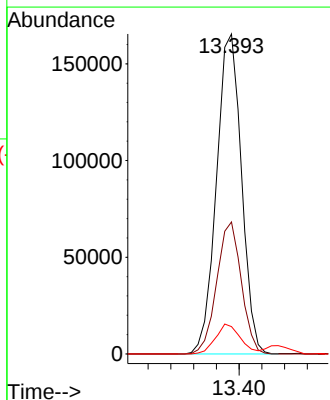
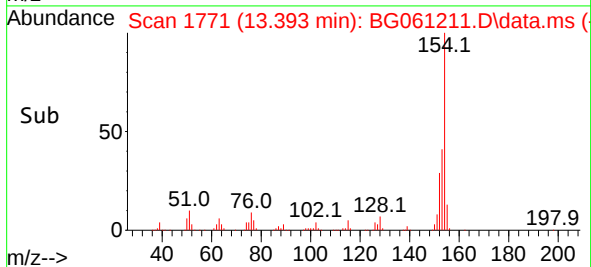
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

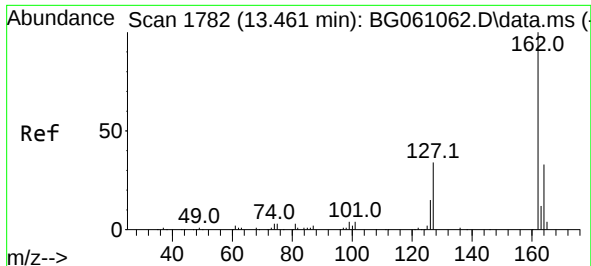


#46
1,1'-Biphenyl
Concen: 47.667 ng
RT: 13.393 min Scan# 1771
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24



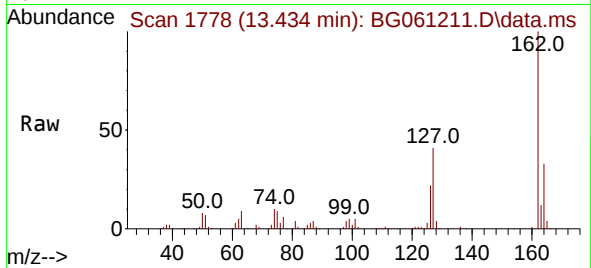
Tgt Ion:154 Resp: 252503
Ion Ratio Lower Upper
154 100
153 41.2 19.3 59.3
76 8.5 0.0 28.8





#47
2-Chloronaphthalene
Concen: 45.930 ng
RT: 13.434 min Scan# 1782
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

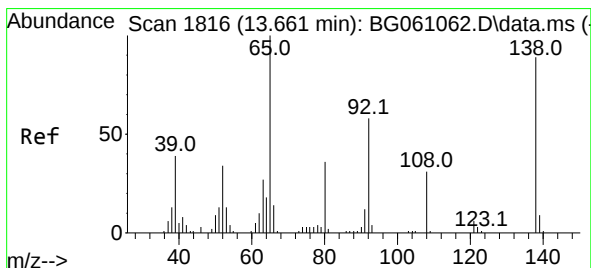
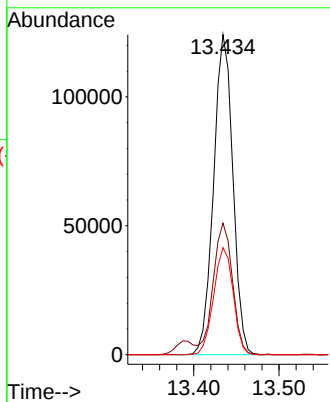
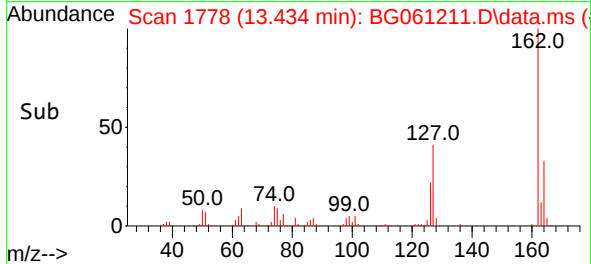
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



Tgt Ion:162 Resp: 194824
Ion Ratio Lower Upper
162 100
127 41.1 30.7 46.1
164 33.5 26.8 40.2

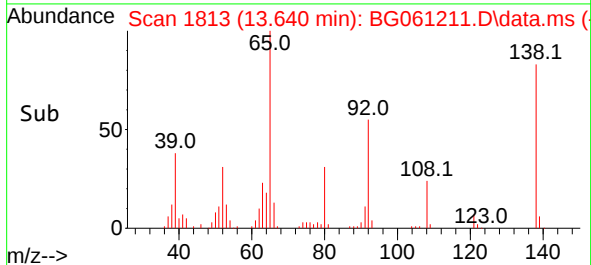
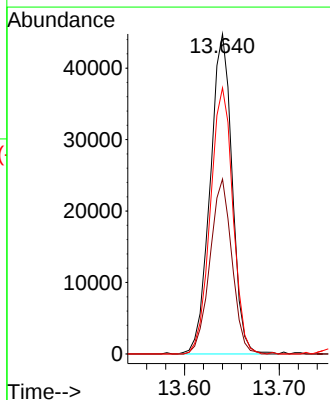
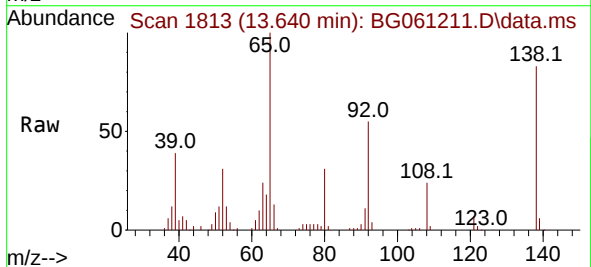
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#48
2-Nitroaniline
Concen: 45.842 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

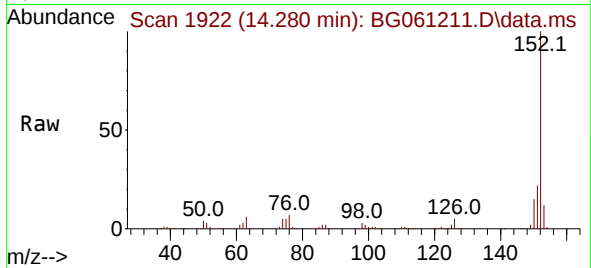
Tgt Ion: 65 Resp: 72157
Ion Ratio Lower Upper
65 100
92 54.6 46.7 70.1
138 83.2 71.4 107.2





#49
Acenaphthylene
Concen: 49.220 ng
RT: 14.280 min Scan# 1926
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

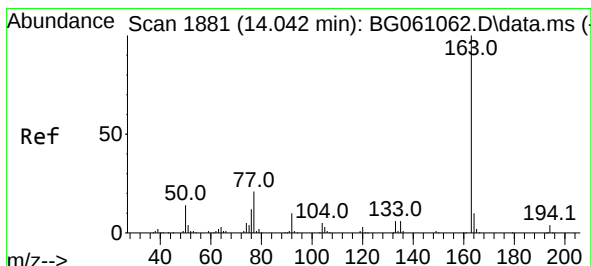
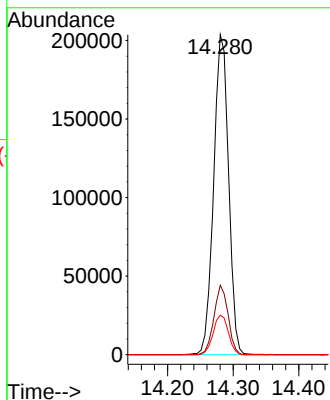
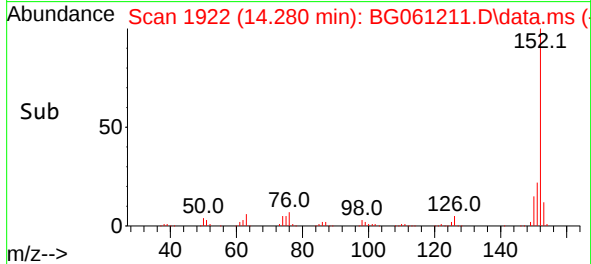
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



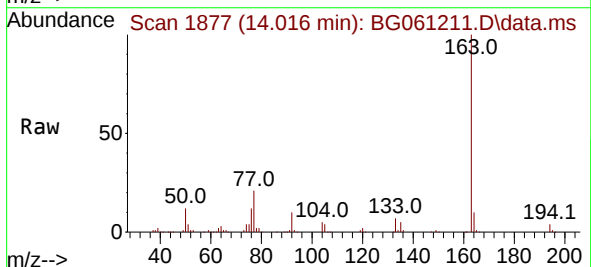
Tgt Ion:152 Resp: 320664
Ion Ratio Lower Upper
152 100
151 21.7 16.9 25.3
153 12.4 10.6 15.8

Manual Integrations
APPROVED

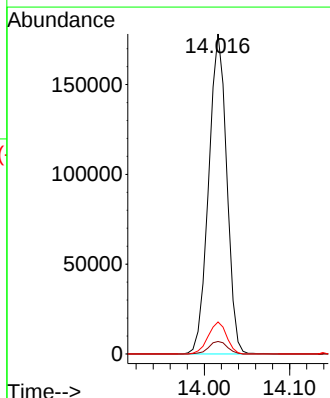
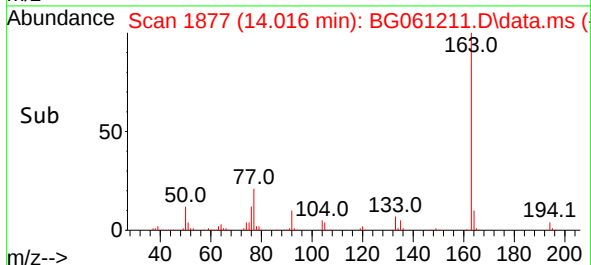
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

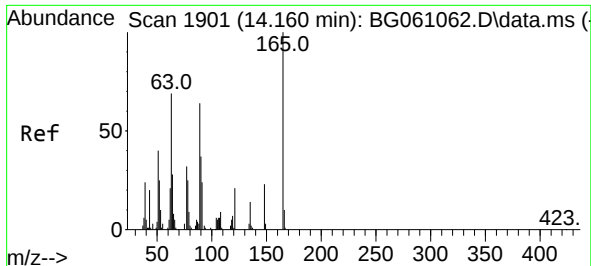


#50
Dimethylphthalate
Concen: 41.104 ng
RT: 14.016 min Scan# 1877
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24



Tgt Ion:163 Resp: 262296
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 7.8 11.8





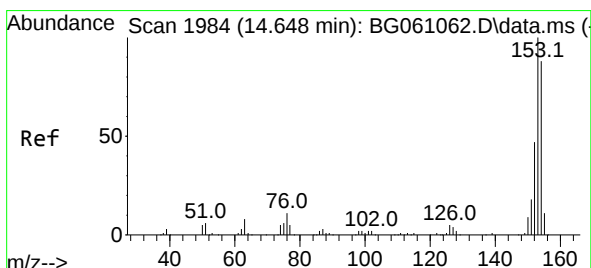
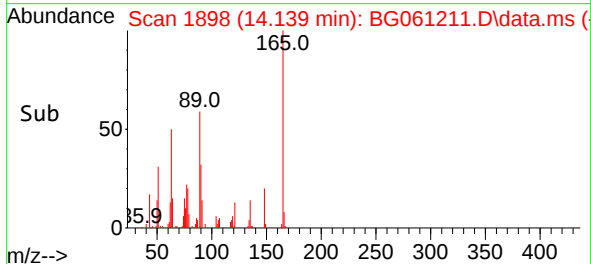
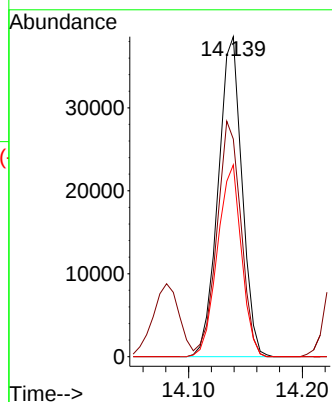
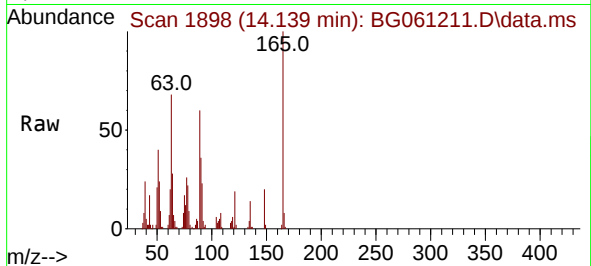
#51
2,6-Dinitrotoluene
Concen: 41.077 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS

Tgt Ion:165 Resp: 5606
Ion Ratio Lower Upper
165 100
63 68.0 60.0 90.0
89 60.0 50.9 76.3

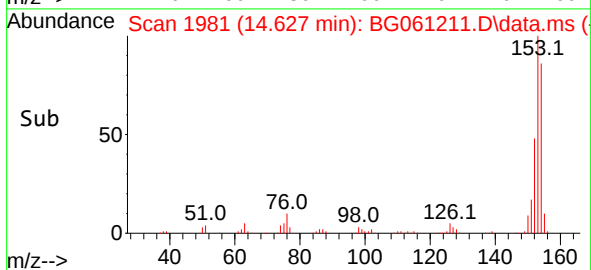
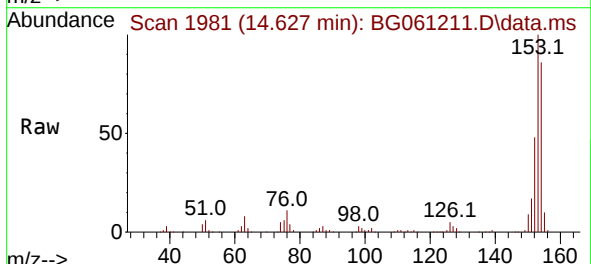
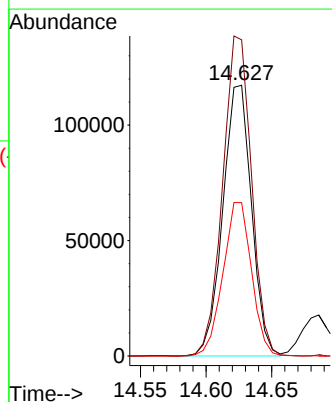
Manual Integrations
APPROVED

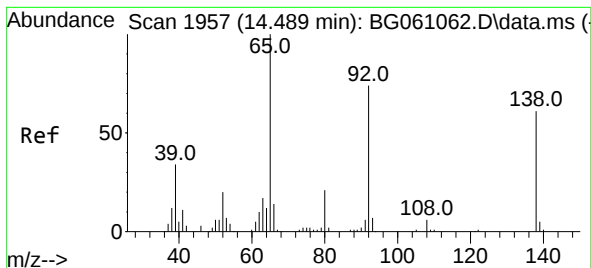
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#52
Acenaphthene
Concen: 43.864 ng
RT: 14.627 min Scan# 1981
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:154 Resp: 178270
Ion Ratio Lower Upper
154 100
153 116.7 91.0 136.4
152 56.6 43.1 64.7





#53
3-Nitroaniline
Concen: 26.195 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

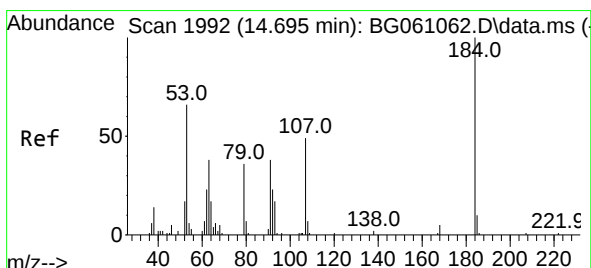
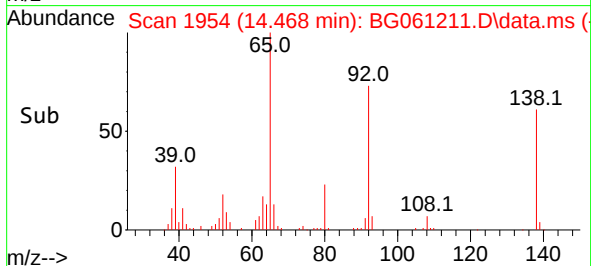
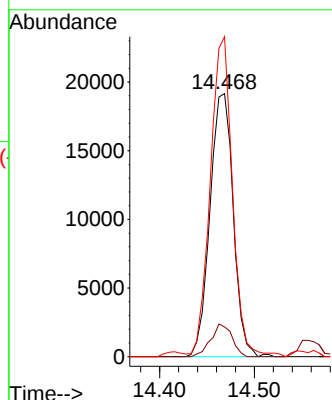
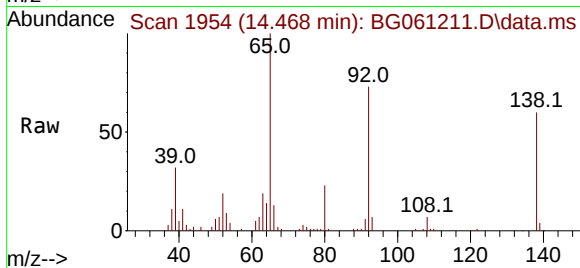
WC-MH-IIMS

Tgt Ion:138 Resp: 32715
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.2
92 121.6 98.0 147.0

Manual Integrations

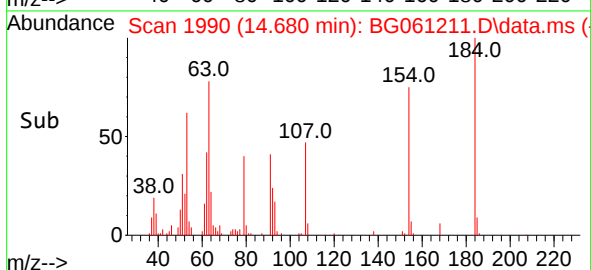
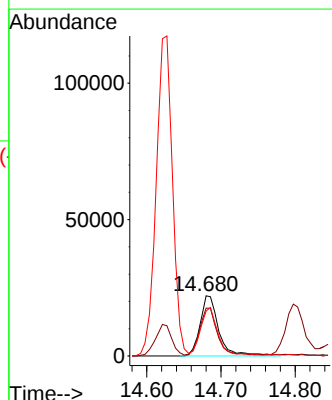
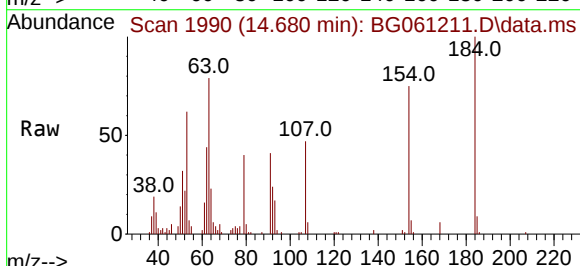
APPROVED

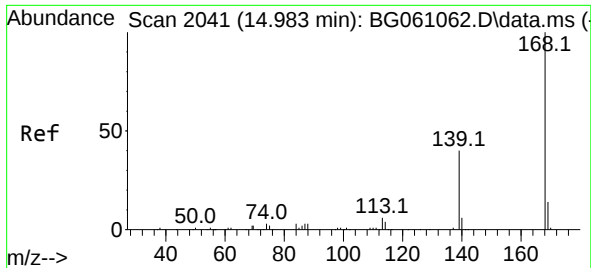
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#54
2,4-Dinitrophenol
Concen: 41.092 ng
RT: 14.680 min Scan# 1990
Delta R.T. -0.015 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:184 Resp: 38690
Ion Ratio Lower Upper
184 100
63 79.4 62.6 93.8
154 74.6 61.4 92.0





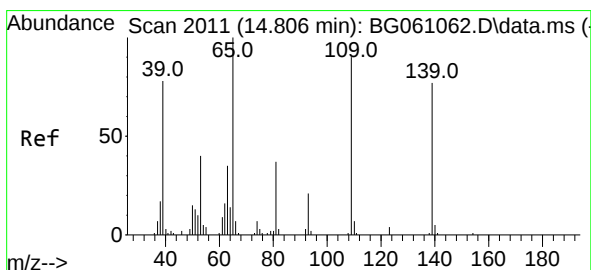
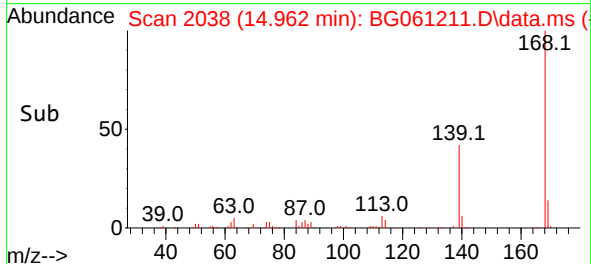
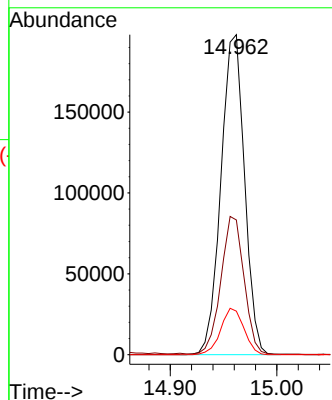
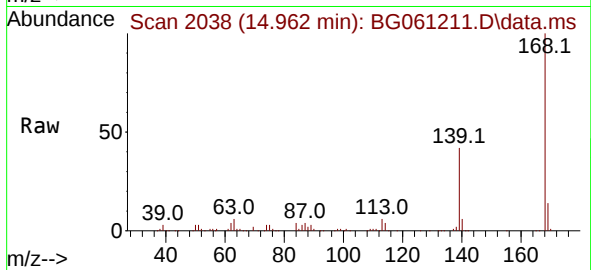
#55
Dibenzenofuran
Concen: 44.265 ng
RT: 14.962 min Scan# 2038
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS

Tgt Ion:168 Resp: 30386
Ion Ratio Lower Upper
168 100
139 42.1 32.2 48.4
169 13.6 11.4 17.2

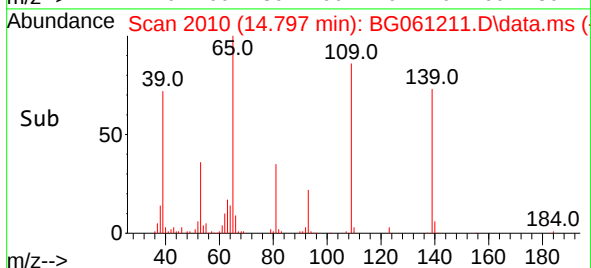
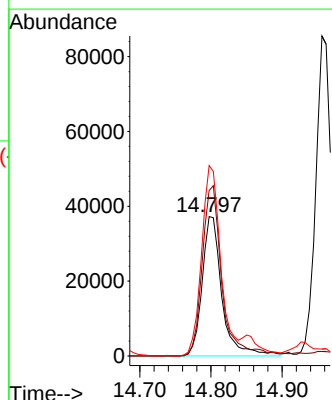
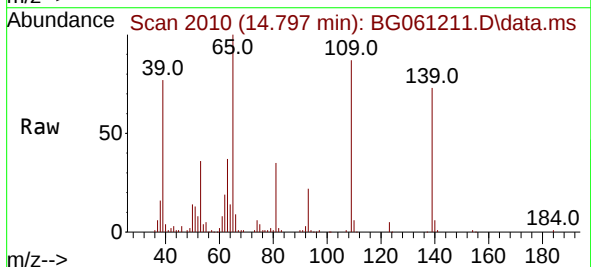
Manual Integrations
APPROVED

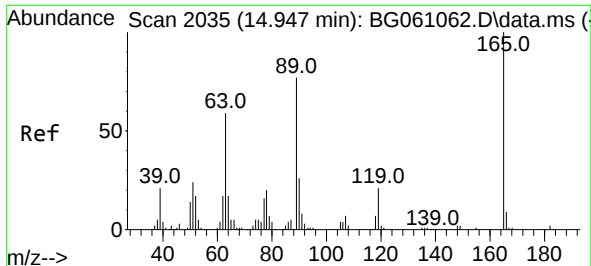
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#56
4-Nitrophenol
Concen: 71.327 ng
RT: 14.797 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:139 Resp: 71991
Ion Ratio Lower Upper
139 100
109 118.8 97.7 137.7
65 136.6 110.7 150.7





#57
2,4-Dinitrotoluene
Concen: 39.338 ng
RT: 14.933 min Scan# 2033
Delta R.T. -0.015 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

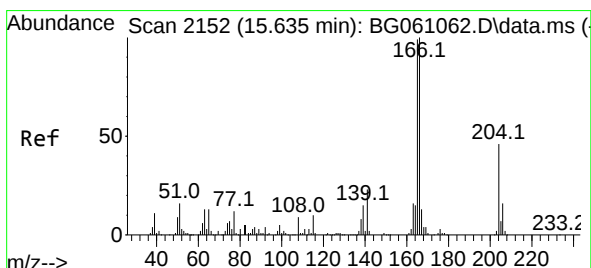
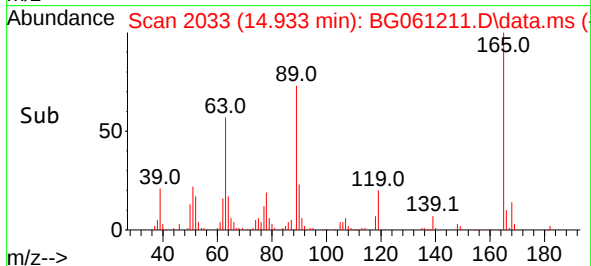
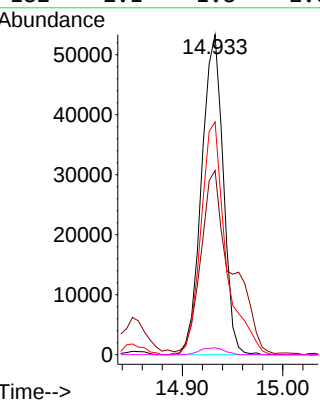
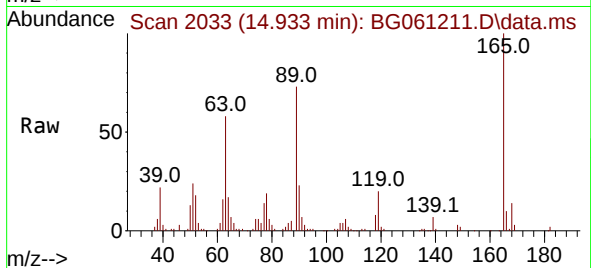
WC-MH-IIMS

Tgt Ion:165 Resp: 79439
Ion Ratio Lower Upper
165 100
63 57.6 47.3 70.9
89 72.7 61.8 92.8
182 2.1 1.8 2.6

Manual Integrations

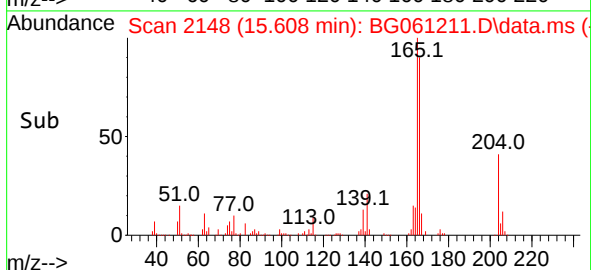
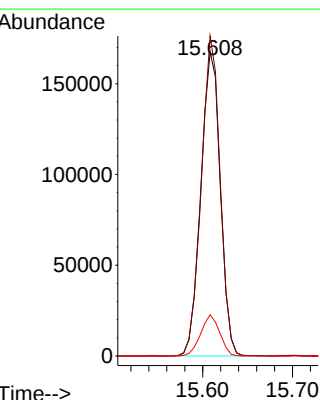
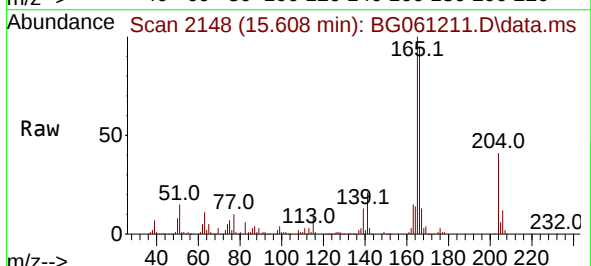
APPROVED

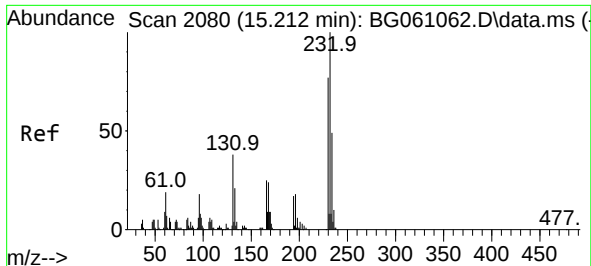
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#58
Fluorene
Concen: 42.464 ng
RT: 15.608 min Scan# 2148
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:166 Resp: 252245
Ion Ratio Lower Upper
166 100
165 105.3 78.9 118.3
167 13.6 10.6 15.8





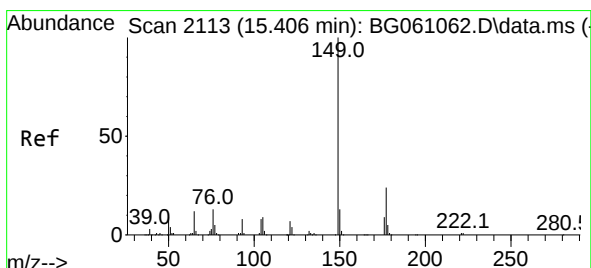
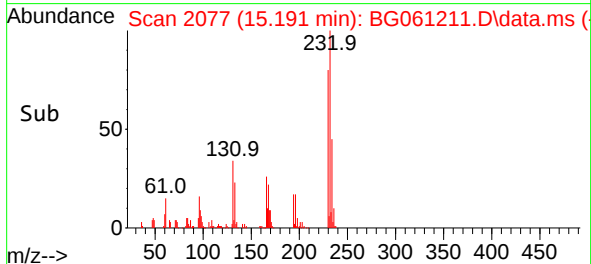
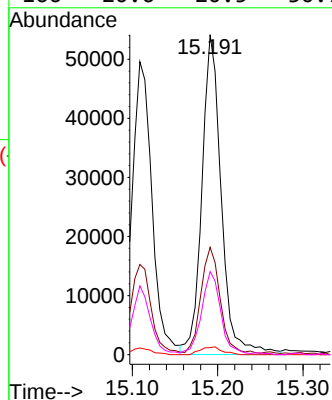
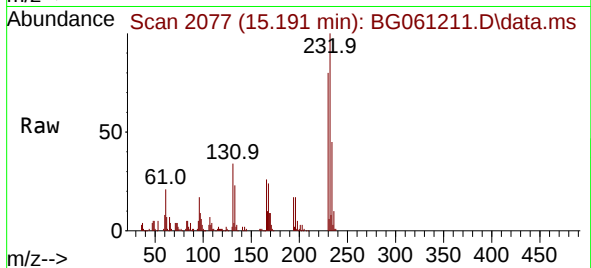
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.434 ng m
RT: 15.191 min Scan# 2080
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS

Tgt Ion:232 Resp: 85448
Ion Ratio Lower Upper
232 100
131 29.7 27.0 40.4
130 2.2 1.7 2.5
166 20.6 20.5 30.7

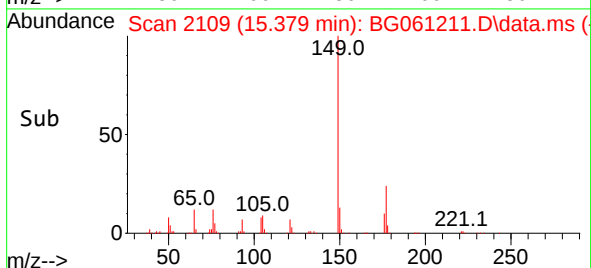
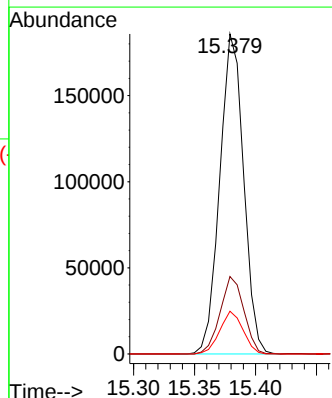
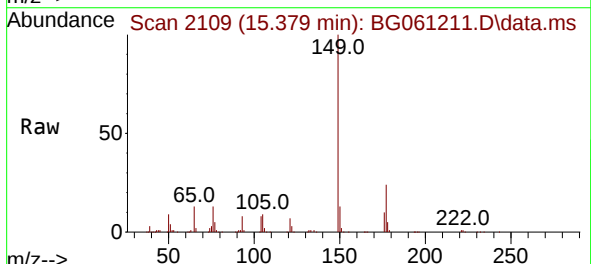
Manual Integrations
APPROVED

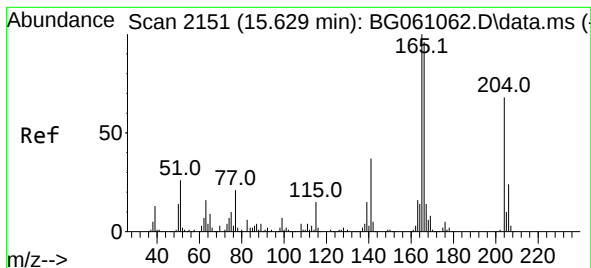
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#60
Diethylphthalate
Concen: 39.281 ng
RT: 15.379 min Scan# 2109
Delta R.T. -0.026 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

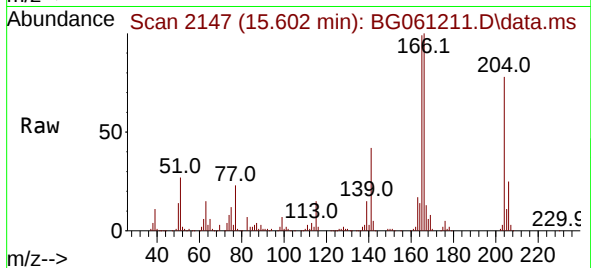
Tgt Ion:149 Resp: 252773
Ion Ratio Lower Upper
149 100
177 24.2 19.1 28.7
150 13.3 10.6 16.0





#61
4-Chlorophenyl-phenylether
Concen: 42.388 ng
RT: 15.602 min Scan# 2147
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

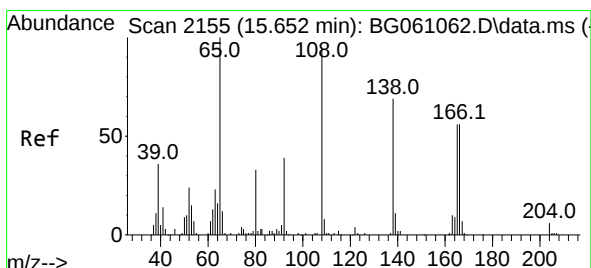
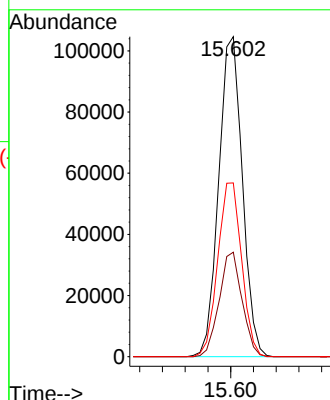
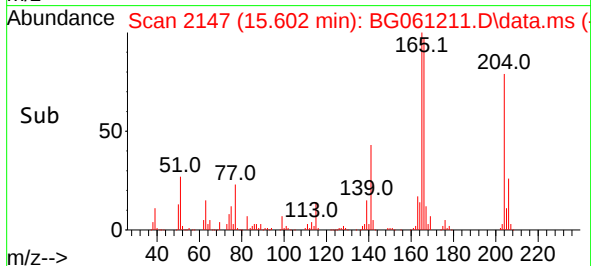
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



Tgt Ion:204 Resp: 151189
Ion Ratio Lower Upper
204 100
206 32.6 27.8 41.6
141 54.3 42.9 64.3

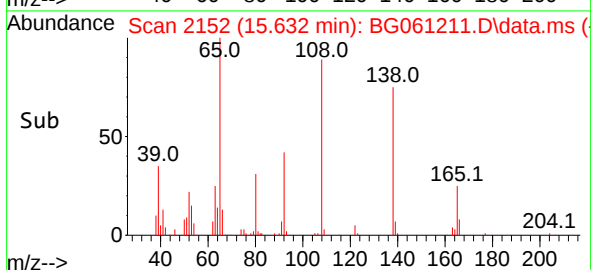
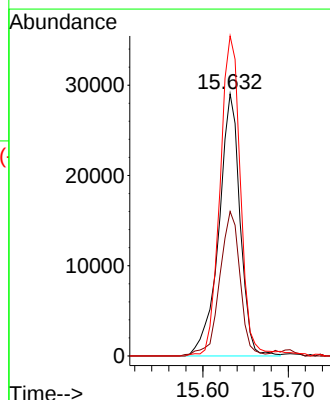
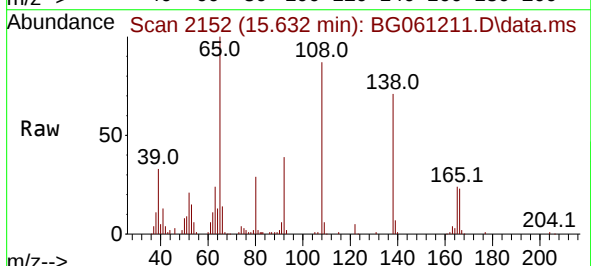
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APPROVED

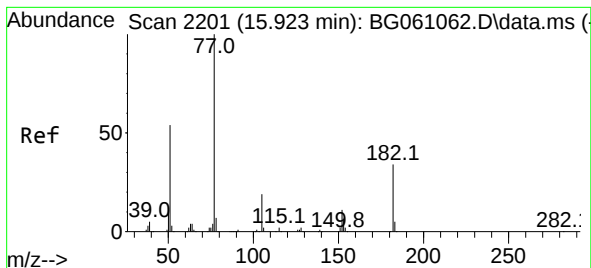
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#62
4-Nitroaniline
Concen: 37.040 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:138 Resp: 50172
Ion Ratio Lower Upper
138 100
92 55.1 35.5 75.5
108 122.1 116.2 156.2





#63

Azobenzene

Concen: 44.104 ng

RT: 15.896 min Scan# 2197

Delta R.T. -0.027 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

Tgt Ion: 77 Resp: 22093

Ion Ratio Lower Upper

77 100

182 32.0 13.5 53.5

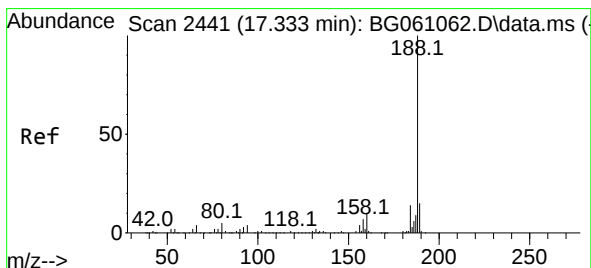
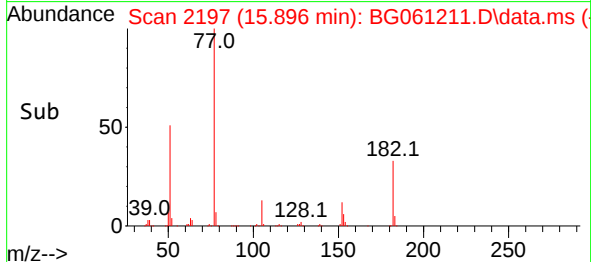
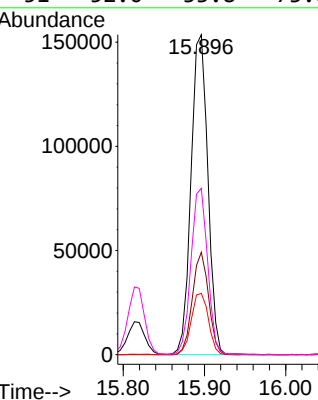
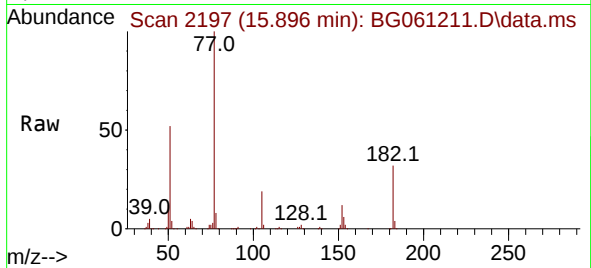
105 19.2 0.0 39.3

51 52.0 33.8 73.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2437

Delta R.T. -0.026 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

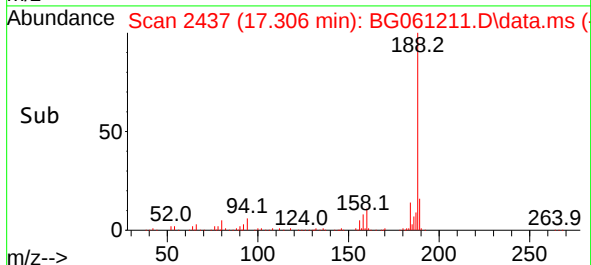
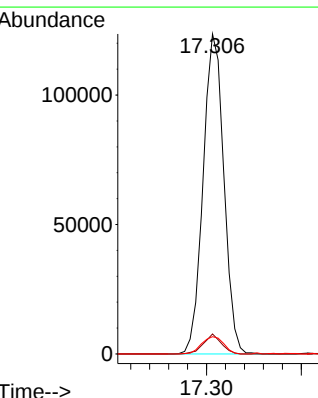
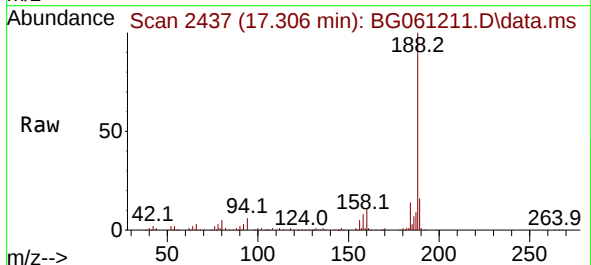
Tgt Ion:188 Resp: 187682

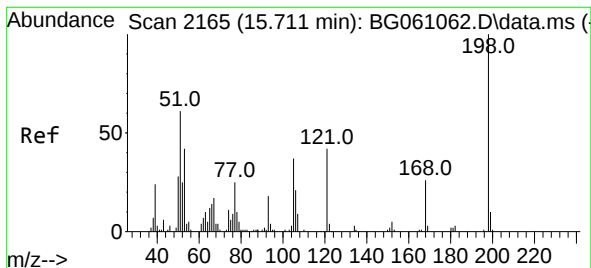
Ion Ratio Lower Upper

188 100

94 6.3 3.6 5.4#

80 5.4 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 29.888 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.015 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

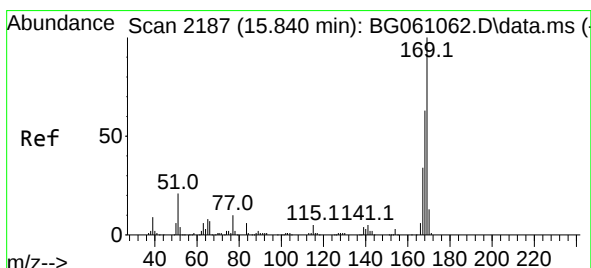
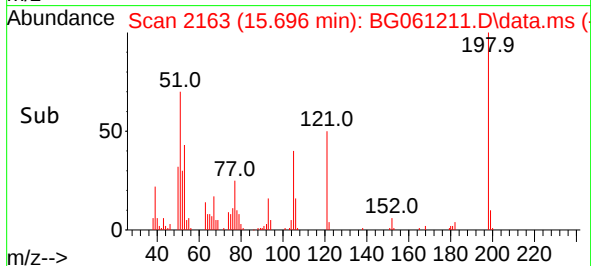
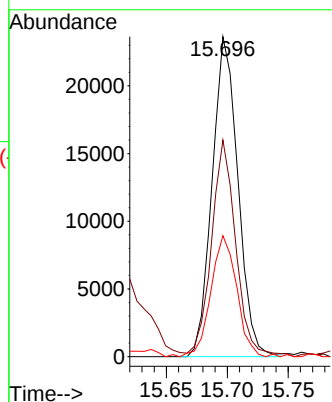
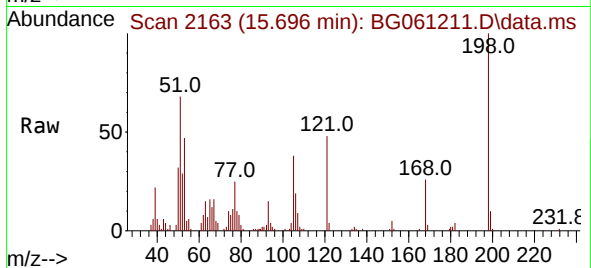
WC-MH-IIMS

Tgt Ion:198 Resp: 34804
Ion Ratio Lower Upper
198 100
51 67.7 41.2 81.2
105 37.8 16.7 56.7

Manual Integrations

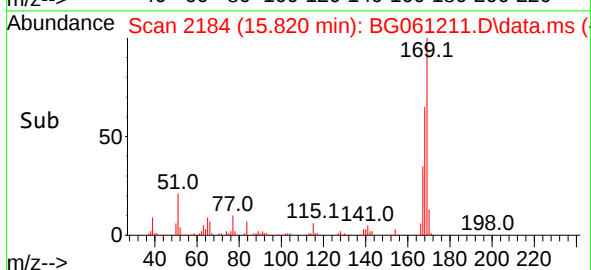
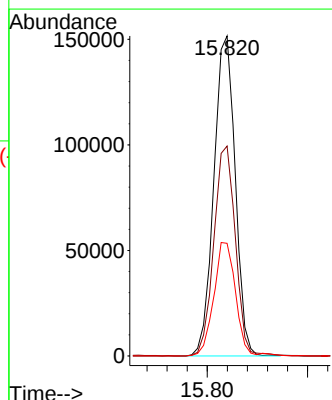
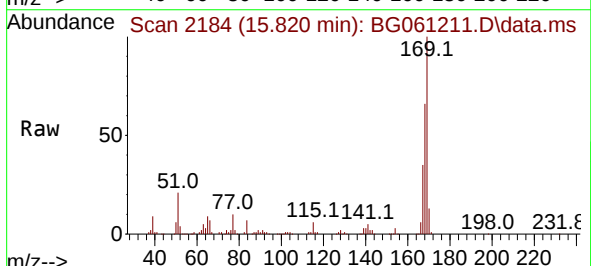
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#66
n-Nitrosodiphenylamine
Concen: 48.075 ng
RT: 15.820 min Scan# 2184
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

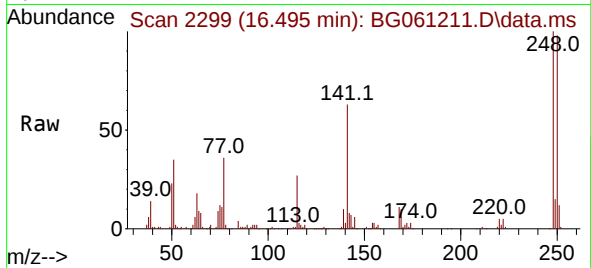
Tgt Ion:169 Resp: 223751
Ion Ratio Lower Upper
169 100
168 65.6 50.6 75.8
167 35.2 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 48.993 ng
RT: 16.495 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

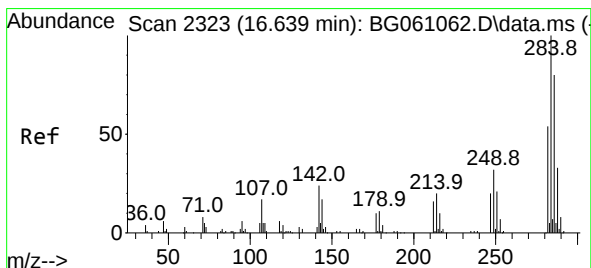
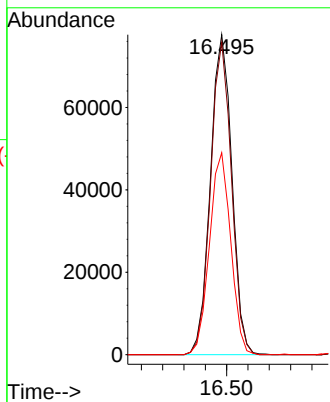
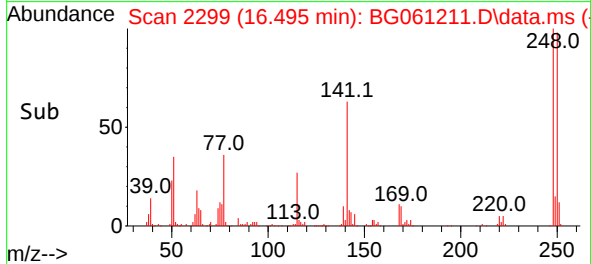
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



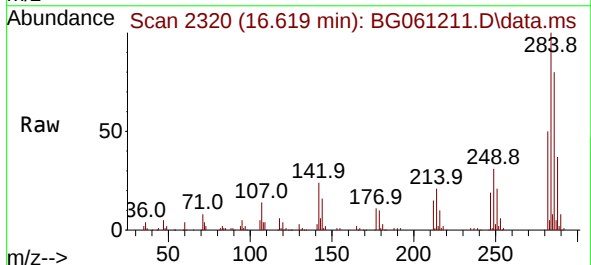
Tgt Ion:248 Resp: 108319
Ion Ratio Lower Upper
248 100
250 97.7 73.0 109.4
141 63.1 50.8 76.2

Manual Integrations
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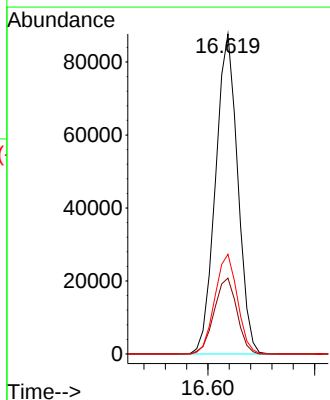
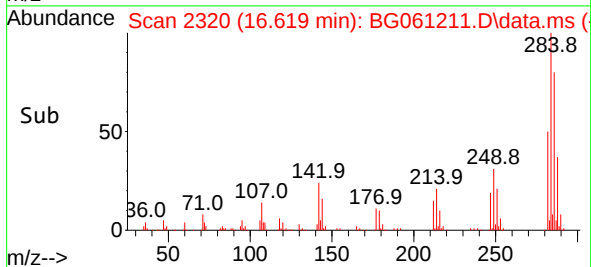
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

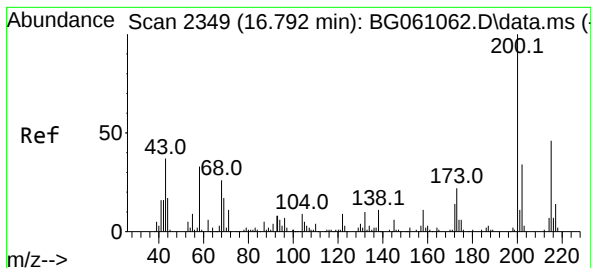


#68
Hexachlorobenzene
Concen: 45.944 ng
RT: 16.619 min Scan# 2320
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24



Tgt Ion:284 Resp: 126429
Ion Ratio Lower Upper
284 100
142 23.7 19.2 28.8
249 31.2 25.4 38.2





#69

Atrazine

Concen: 50.323 ng

RT: 16.772 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

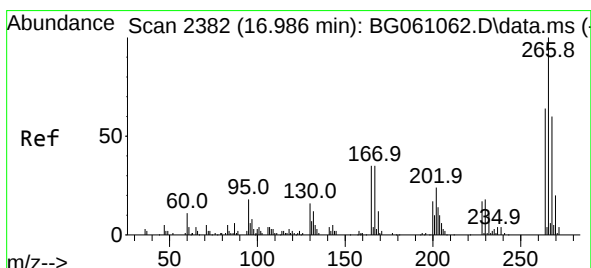
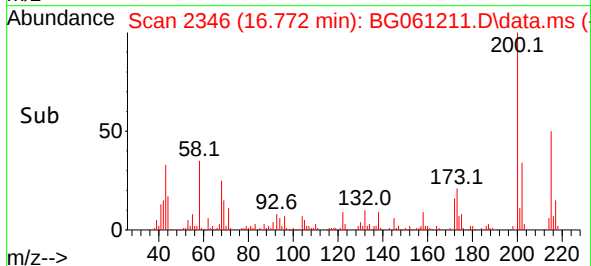
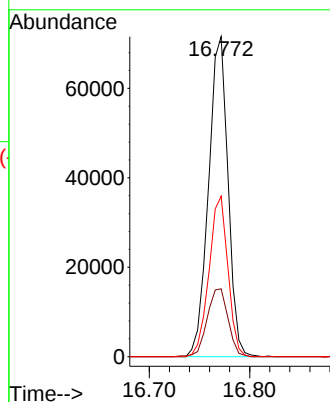
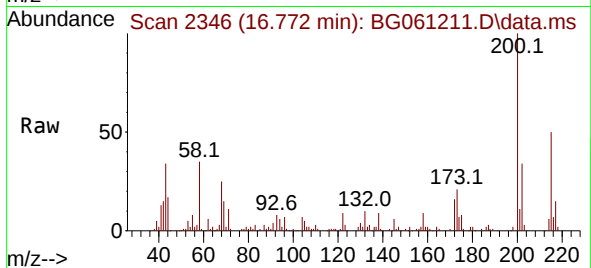
WC-MH-IIMS

Tgt Ion:200 Resp: 96590
 Ion Ratio Lower Upper
 200 100
 173 21.2 2.0 42.0
 215 50.2 26.2 66.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024



#70

Pentachlorophenol

Concen: 68.277 ng

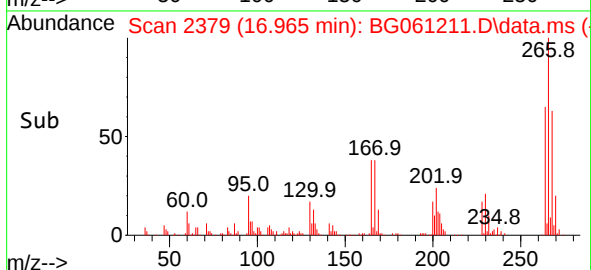
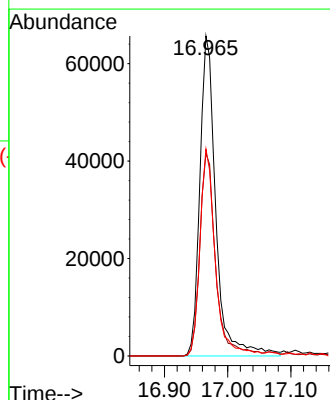
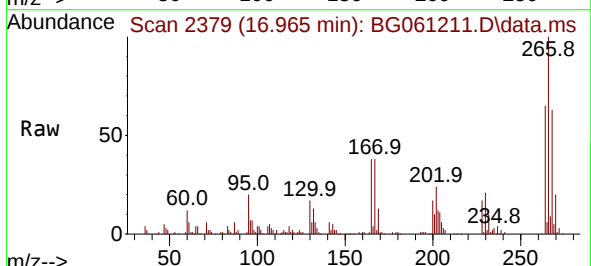
RT: 16.965 min Scan# 2379

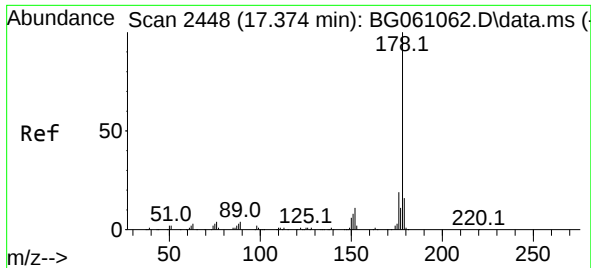
Delta R.T. -0.021 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Tgt Ion:266 Resp: 115429
 Ion Ratio Lower Upper
 266 100
 268 63.4 47.8 71.8
 264 64.7 51.5 77.3





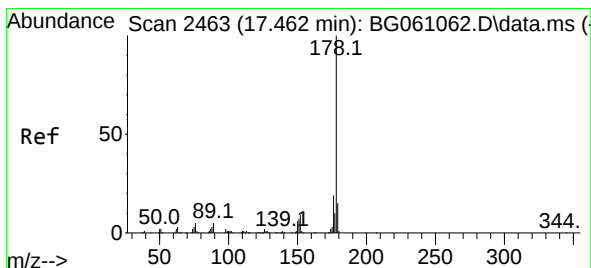
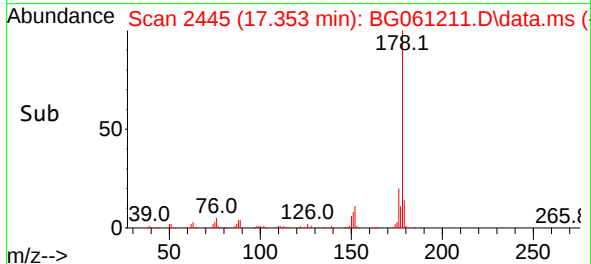
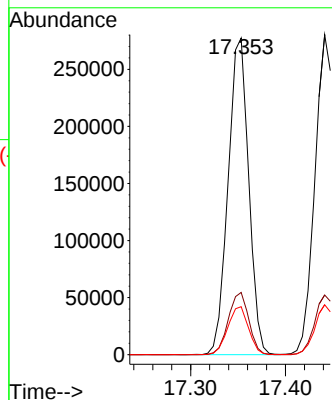
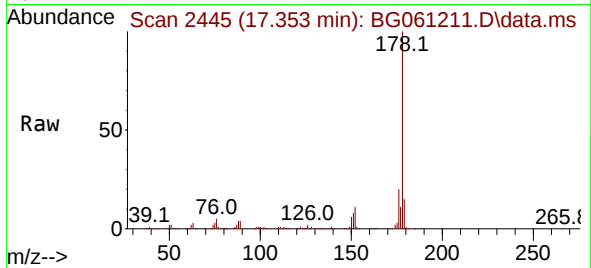
#71
Phenanthrene
Concen: 48.781 ng
RT: 17.353 min Scan# 2445
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS

Tgt Ion:178 Resp: 41862
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.1 12.6 19.0

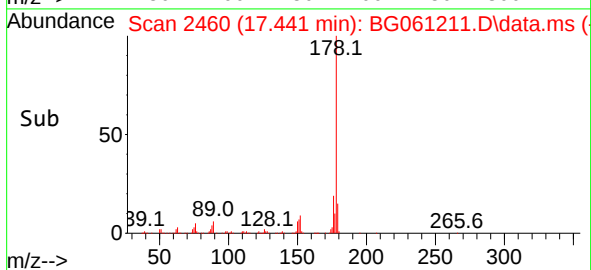
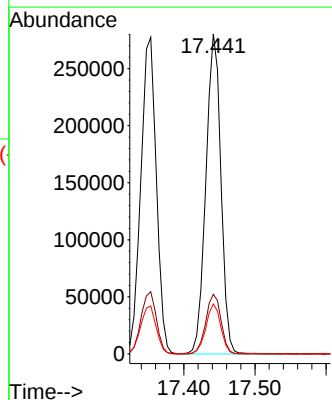
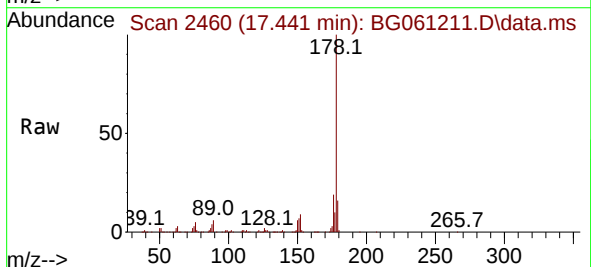
Manual Integrations
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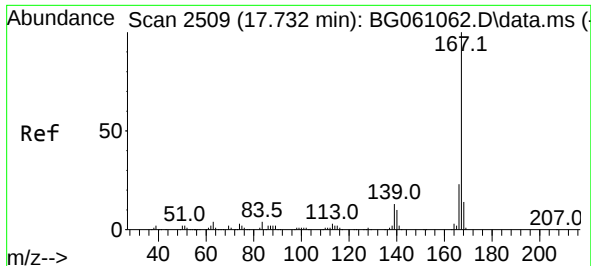
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#72
Anthracene
Concen: 48.182 ng
RT: 17.441 min Scan# 2460
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

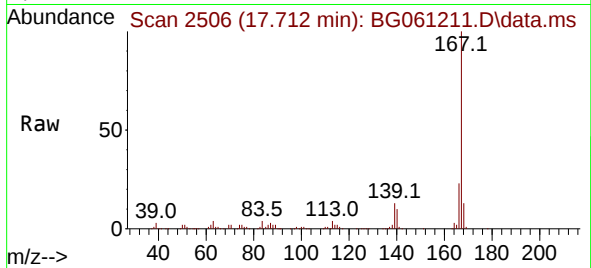
Tgt Ion:178 Resp: 412582
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.0 18.0





#73
 Carbazole
 Concen: 45.395 ng
 RT: 17.712 min Scan# 2509
 Delta R.T. -0.021 min
 Lab File: BG061211.D
 Acq: 15 May 2024 18:24

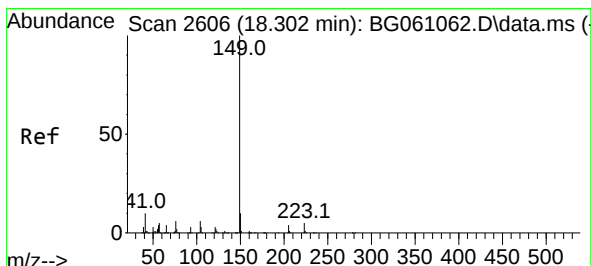
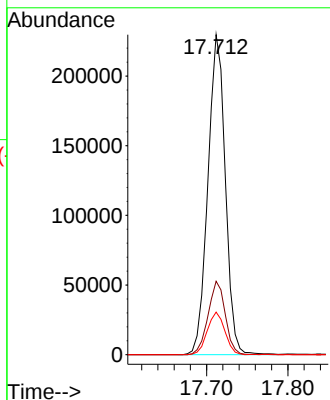
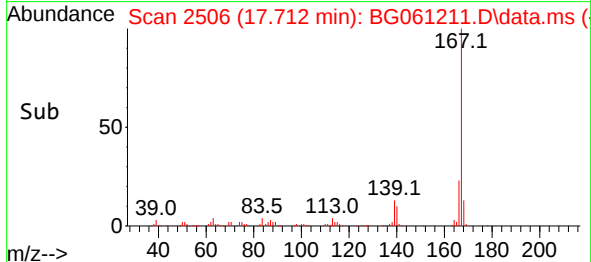
Instrument :
 BNA_G
 ClientSampleId :
 WC-MH-IIMS



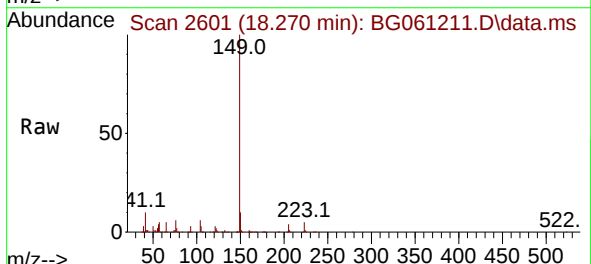
Tgt Ion:167 Resp: 341775
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.7 28.1
 139 13.3 10.6 15.8

Manual Integrations
 APPROVED

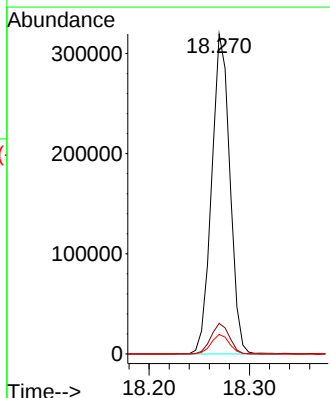
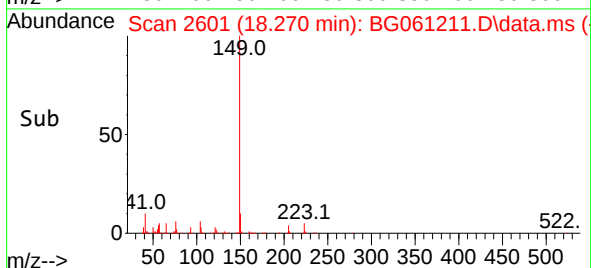
Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

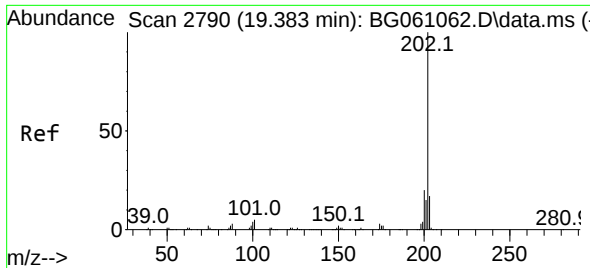


#74
 Di-n-butylphthalate
 Concen: 45.044 ng
 RT: 18.270 min Scan# 2601
 Delta R.T. -0.032 min
 Lab File: BG061211.D
 Acq: 15 May 2024 18:24



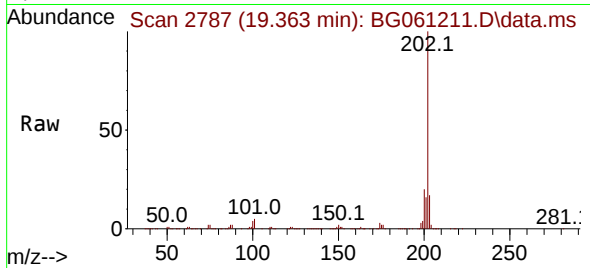
Tgt Ion:149 Resp: 403261
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 6.1 5.0 7.6





#75
Fluoranthene
Concen: 45.505 ng
RT: 19.363 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

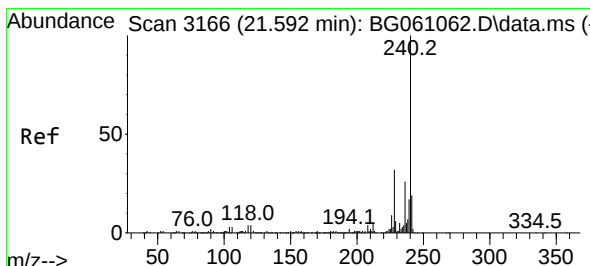
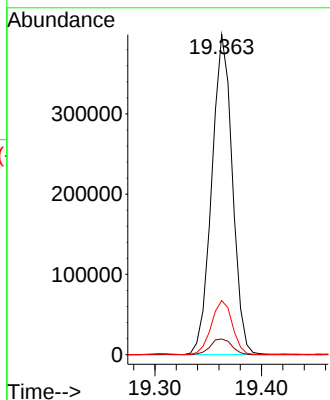
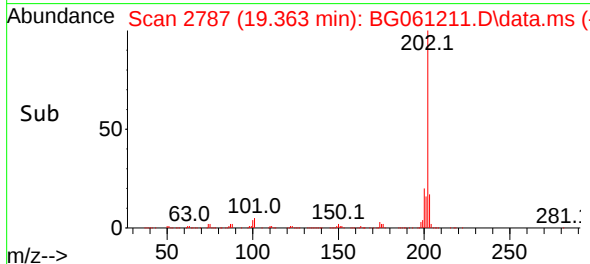
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



Tgt Ion:202 Resp: 53498
Ion Ratio Lower Upper
202 100
101 4.9 0.0 24.7
203 16.9 0.0 37.1

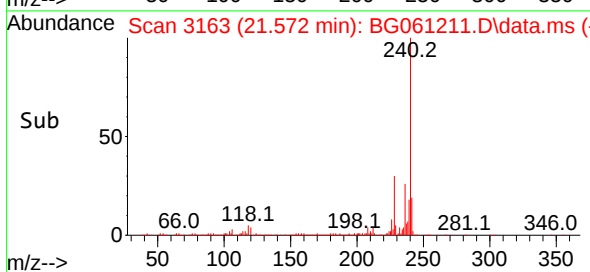
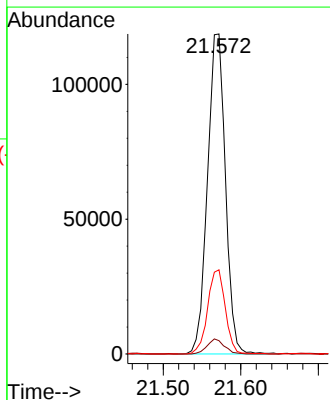
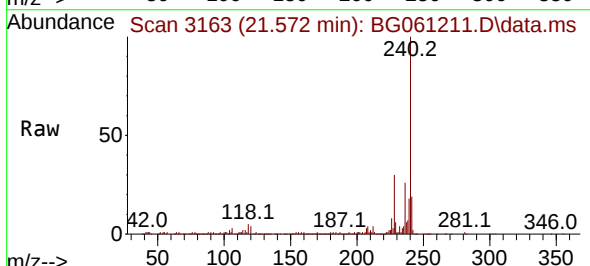
Manual Integrations
APPROVED

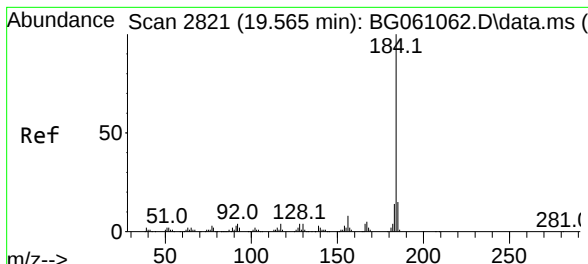
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:240 Resp: 190818
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 26.3 21.0 31.6





#77
Benzidine
Concen: 40.982 ng
RT: 19.545 min Scan# 2818
Delta R.T. -0.020 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

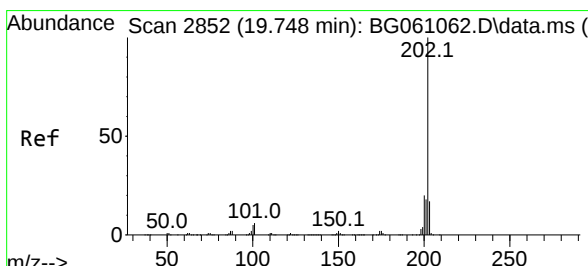
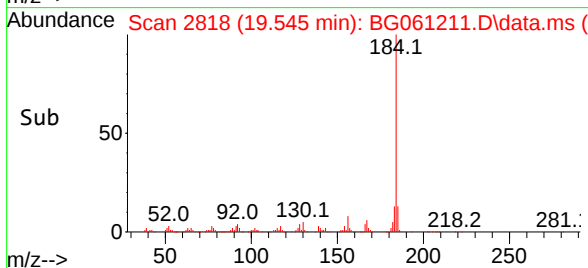
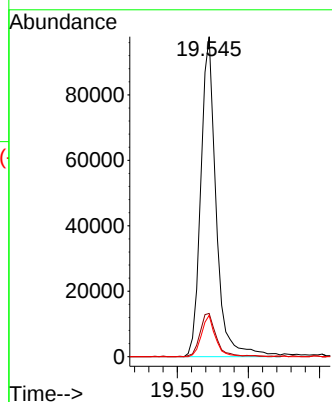
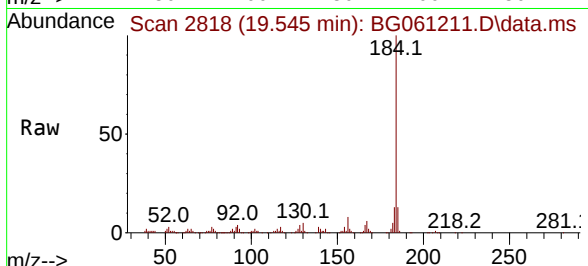
WC-MH-IIMS

Tgt Ion:	184	Resp:	14723
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.0	18.0
183	12.9	10.9	16.3

Manual Integrations

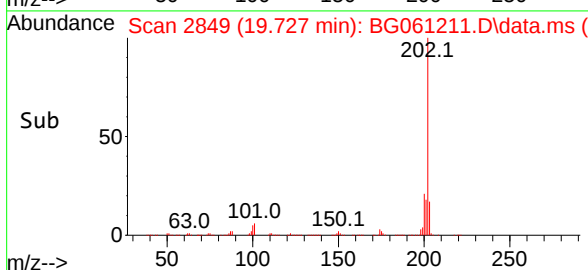
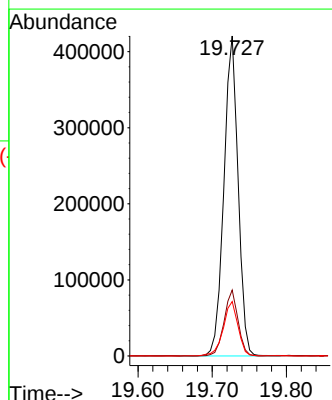
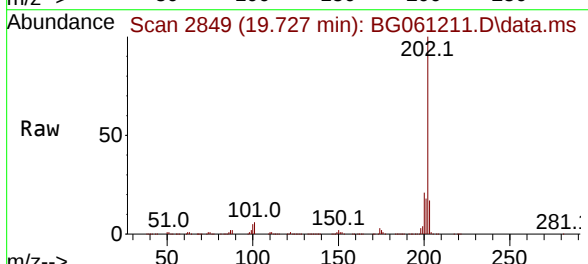
APPROVED

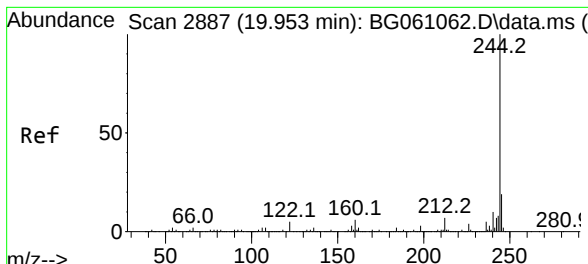
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#78
Pyrene
Concen: 46.157 ng
RT: 19.727 min Scan# 2849
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:	202	Resp:	559949
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.2	24.4
203	17.0	13.3	19.9





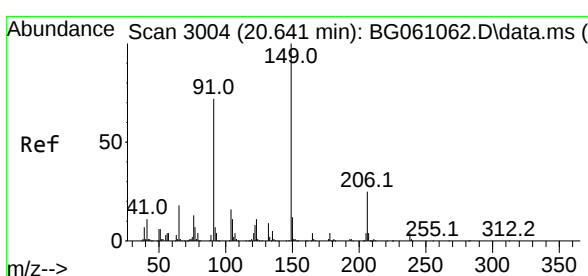
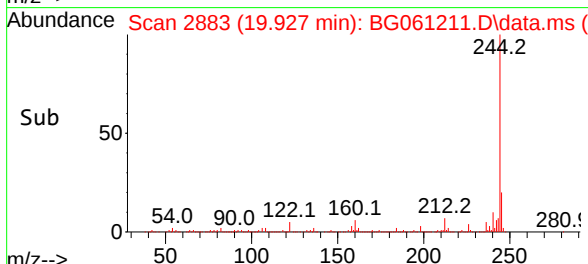
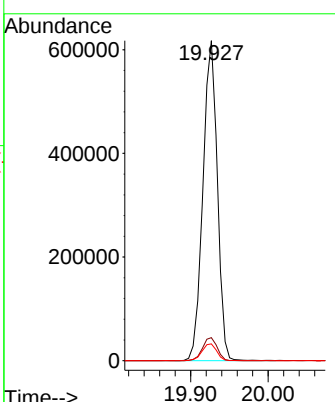
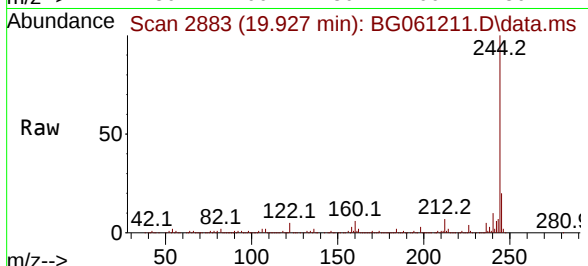
#79
 Terphenyl-d14
 Concen: 69.438 ng
 RT: 19.927 min Scan# 2883
 Delta R.T. -0.027 min
 Lab File: BG061211.D
 Acq: 15 May 2024 18:24

Instrument : BNA_G
 ClientSampleId : WC-MH-IIMS

Tgt Ion:244 Resp: 796689

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	5.3	4.2	6.2

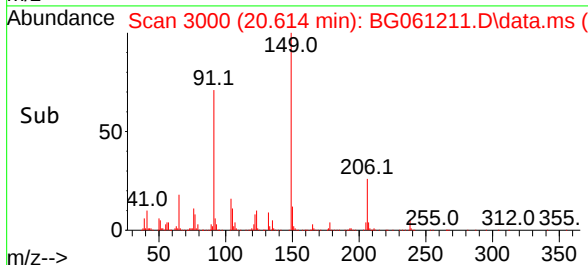
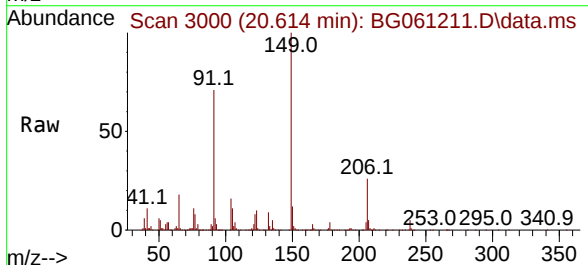
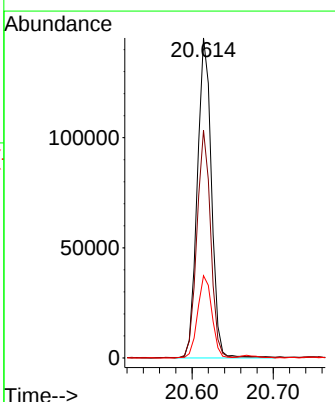
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

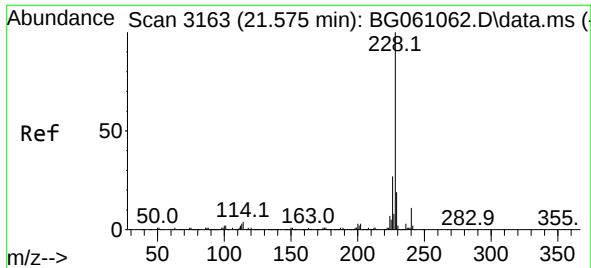


#80
 Butylbenzylphthalate
 Concen: 45.771 ng
 RT: 20.614 min Scan# 3000
 Delta R.T. -0.026 min
 Lab File: BG061211.D
 Acq: 15 May 2024 18:24

Tgt Ion:149 Resp: 175767

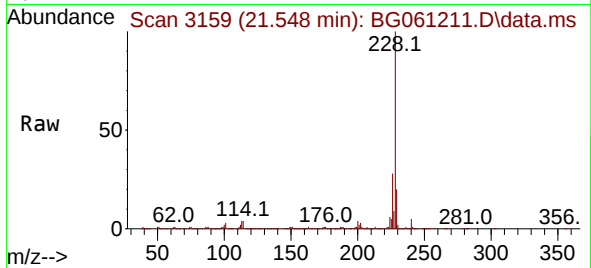
Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.4	86.2
206	25.7	19.8	29.6





#81
Benzo(a)anthracene
Concen: 47.039 ng
RT: 21.548 min Scan# 3159
Delta R.T. -0.027 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

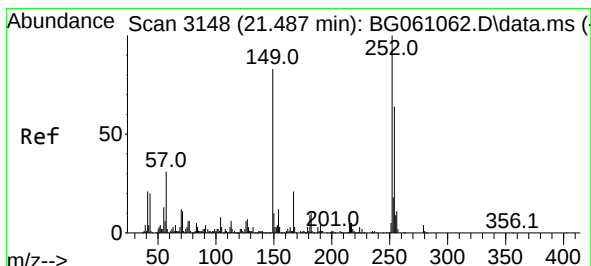
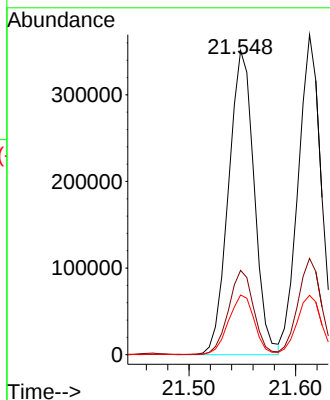
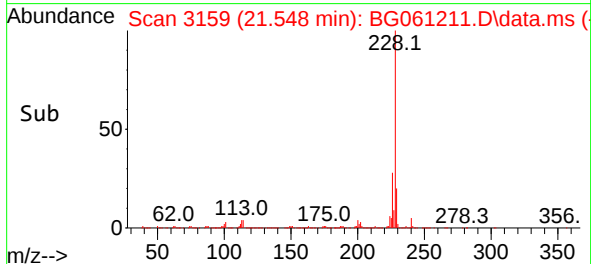
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



Tgt Ion:228 Resp: 587358
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 19.6 15.0 22.4

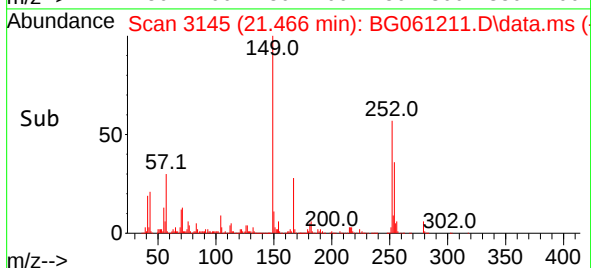
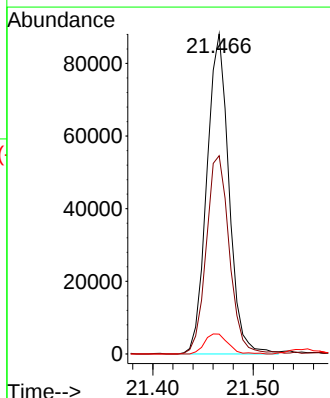
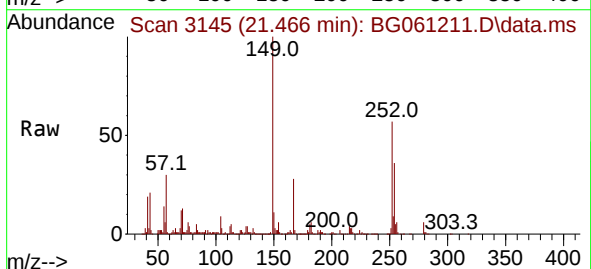
Manual Integrations
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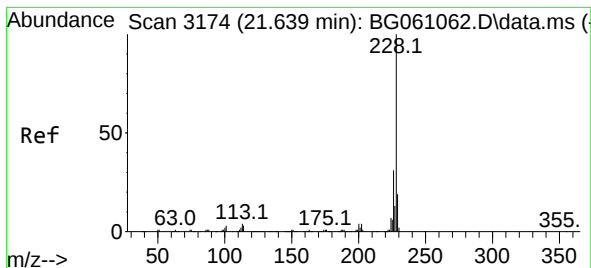
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 30.019 ng
RT: 21.466 min Scan# 3145
Delta R.T. -0.021 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

Tgt Ion:252 Resp: 134894
Ion Ratio Lower Upper
252 100
254 61.9 51.3 76.9
126 6.2 5.2 7.8





#83

Chrysene

Concen: 46.902 ng

RT: 21.613 min Scan# 3170

Delta R.T. -0.026 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

Tgt Ion:228 Resp: 548689

Ion Ratio Lower Upper

228 100

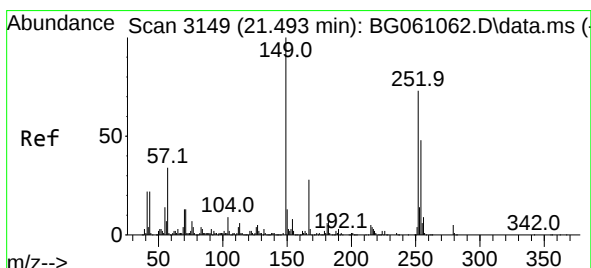
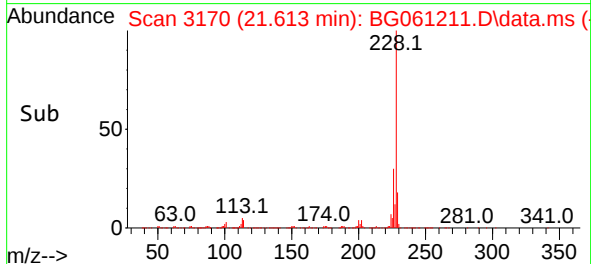
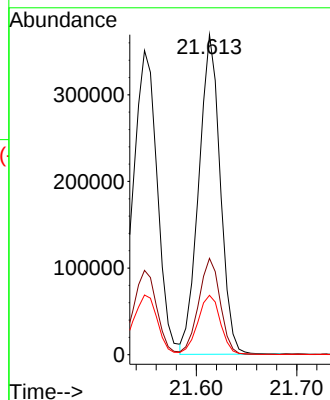
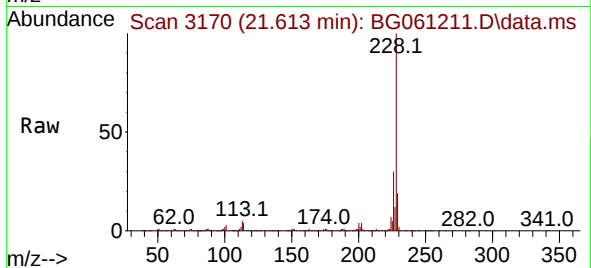
226 30.1 24.4 36.6

229 18.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.967 ng

RT: 21.460 min Scan# 3144

Delta R.T. -0.032 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

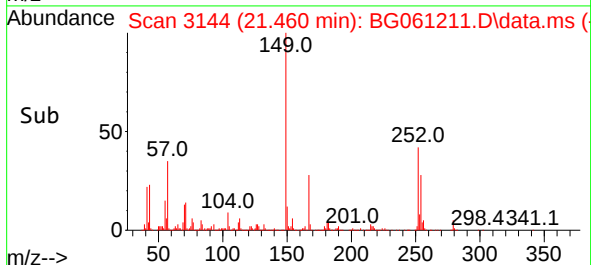
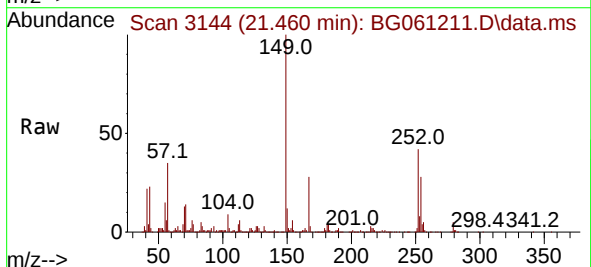
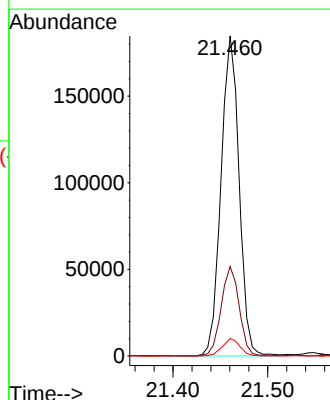
Tgt Ion:149 Resp: 245548

Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 5.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.666 ng

RT: 22.635 min Scan# 31

Delta R.T. -0.044 min

Lab File: BG061211.D

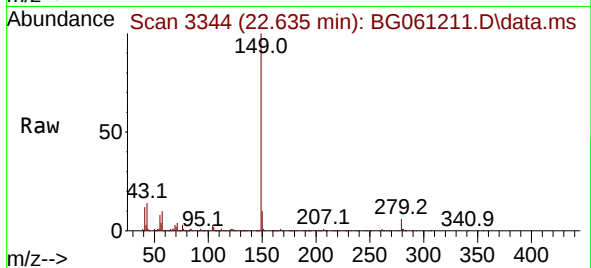
Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS



Tgt Ion:149 Resp: 42171

Ion Ratio Lower Upper

149 100

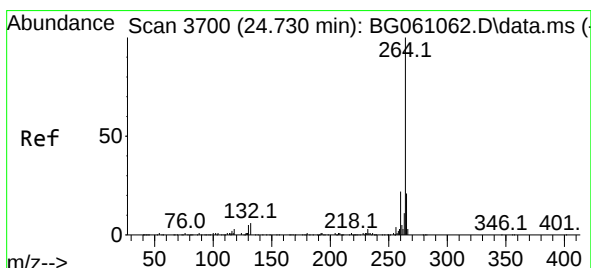
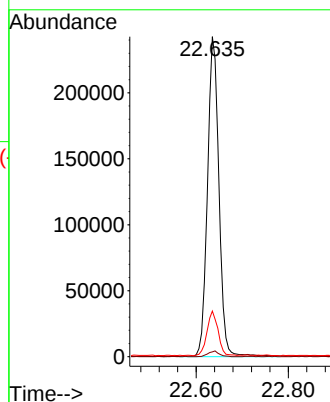
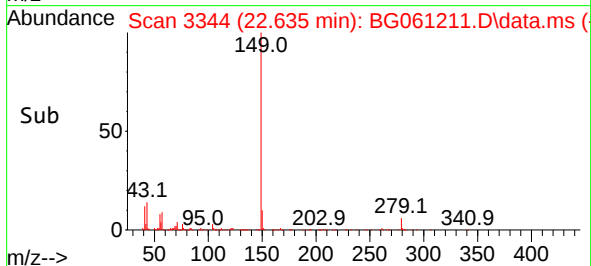
167 1.7 1.4 2.0

43 13.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.686 min Scan# 3693

Delta R.T. -0.044 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

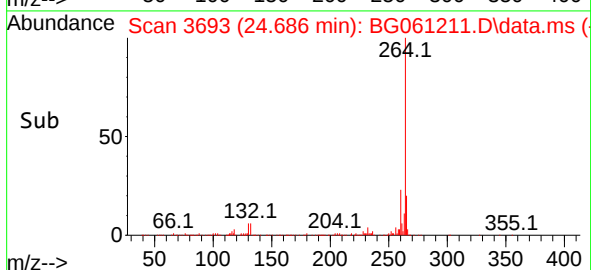
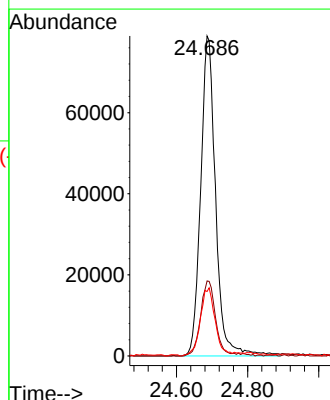
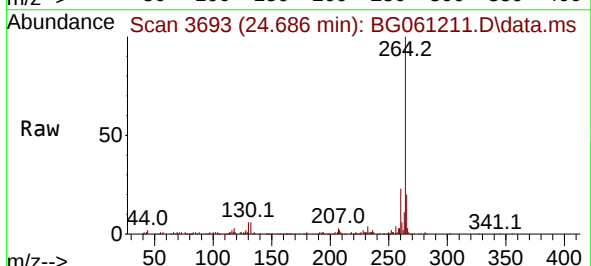
Tgt Ion:264 Resp: 231045

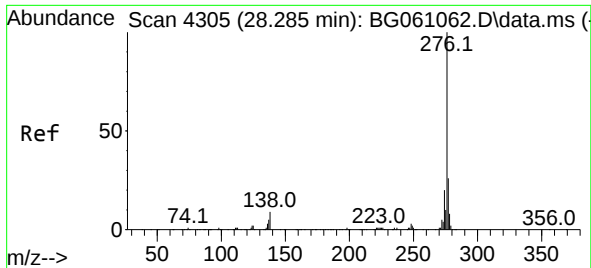
Ion Ratio Lower Upper

264 100

260 23.4 17.7 26.5

265 20.1 16.4 24.6





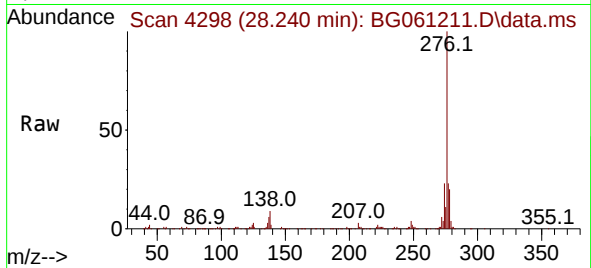
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.913 ng
 RT: 28.240 min Scan# 4305
 Delta R.T. -0.044 min
 Lab File: BG061211.D
 Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

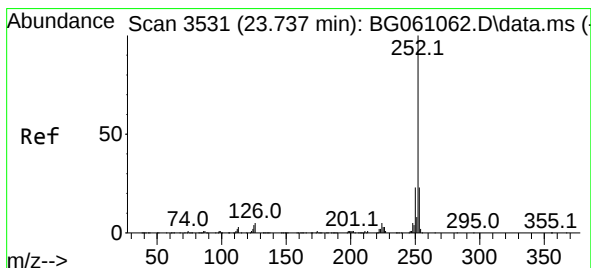
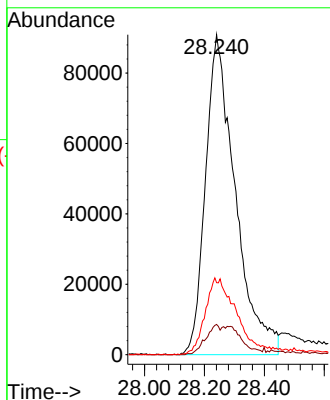
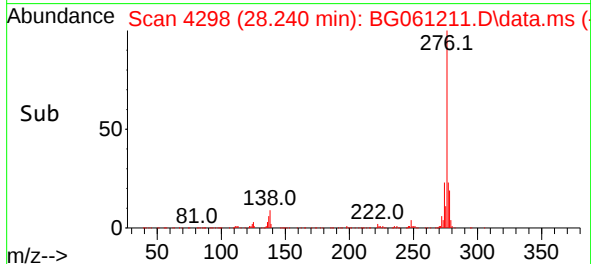


Tgt Ion:276 Resp: 62645
 Ion Ratio Lower Upper
 276 100
 138 4.5 5.1 7.7
 277 26.0 20.6 30.8

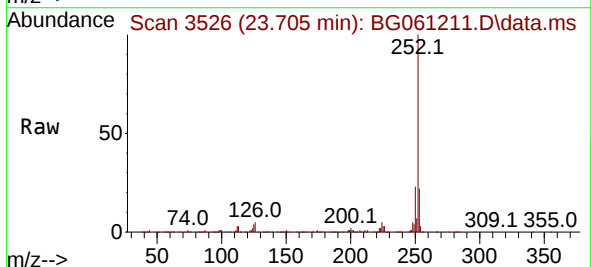
Manual Integrations

APPROVED

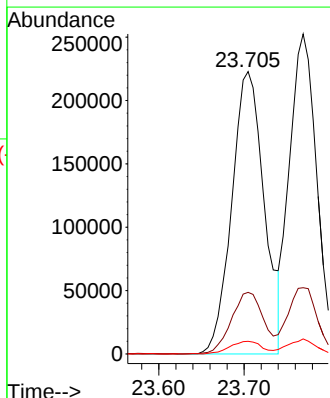
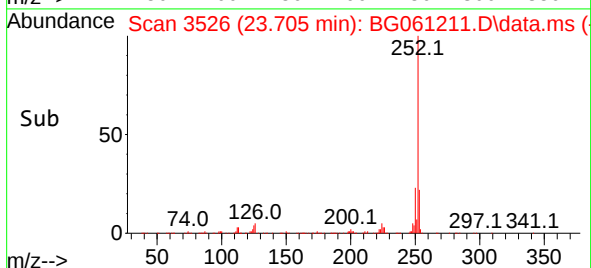
Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/17/2024

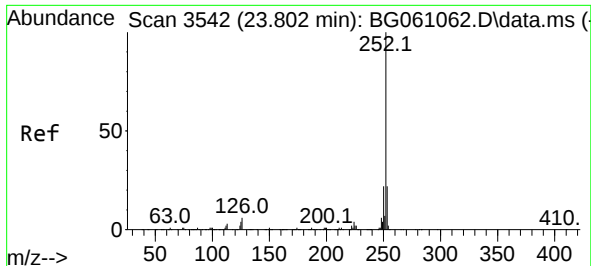


#88
 Benzo(b)fluoranthene
 Concen: 45.701 ng
 RT: 23.705 min Scan# 3526
 Delta R.T. -0.032 min
 Lab File: BG061211.D
 Acq: 15 May 2024 18:24



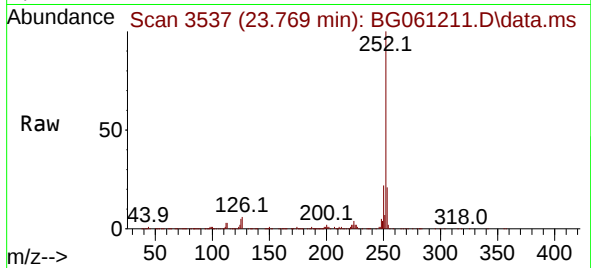
Tgt Ion:252 Resp: 590035
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.2 27.2
 125 4.5 3.4 5.0





#89
Benzo(k)fluoranthene
Concen: 45.422 ng
RT: 23.769 min Scan# 3537
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24

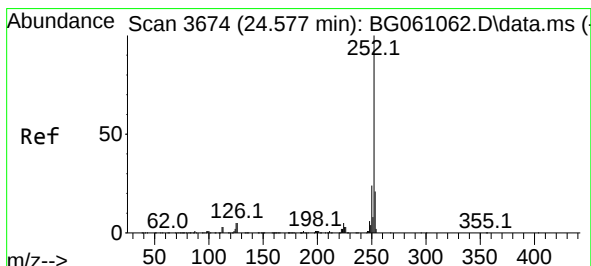
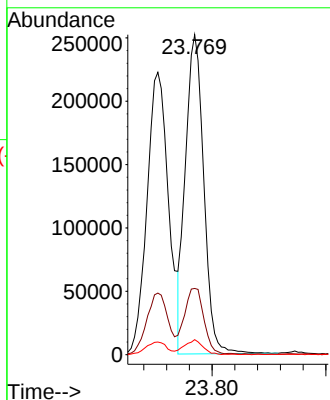
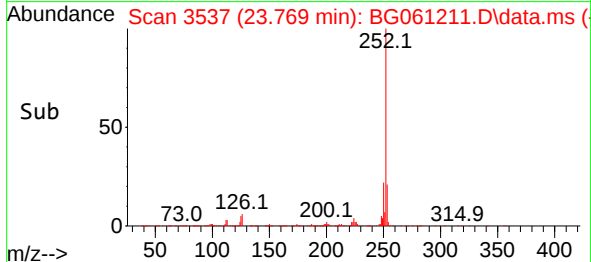
Instrument :
BNA_G
ClientSampleId :
WC-MH-IIMS



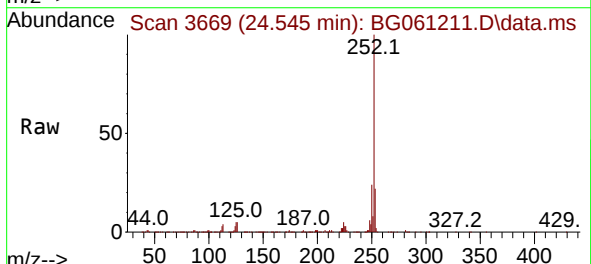
Tgt Ion:252 Resp: 564180
Ion Ratio Lower Upper
252 100
253 20.7 17.3 25.9
125 4.7 3.2 4.8

Manual Integrations
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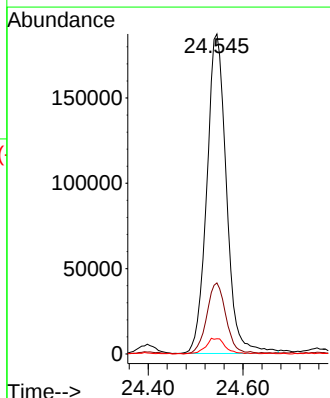
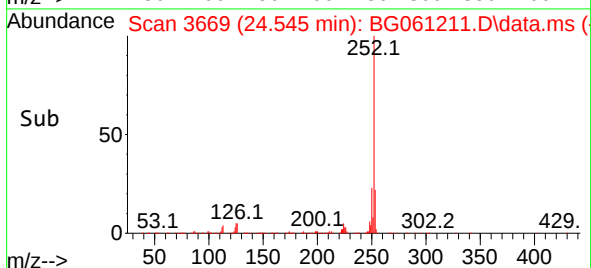
Reviewed By :Jagrut Upadhyay 05/16/2024
Supervised By :mohammad ahmed 05/17/2024

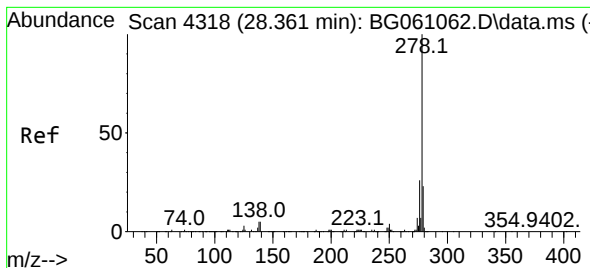


#90
Benzo(a)pyrene
Concen: 47.895 ng
RT: 24.545 min Scan# 3669
Delta R.T. -0.032 min
Lab File: BG061211.D
Acq: 15 May 2024 18:24



Tgt Ion:252 Resp: 538731
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 4.8 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 41.997 ng

RT: 28.305 min Scan# 41

Delta R.T. -0.056 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Instrument :

BNA_G

ClientSampleId :

WC-MH-IIMS

Tgt Ion:278 Resp: 53253

Ion Ratio Lower Upper

278 100

139 6.6 4.2 6.2

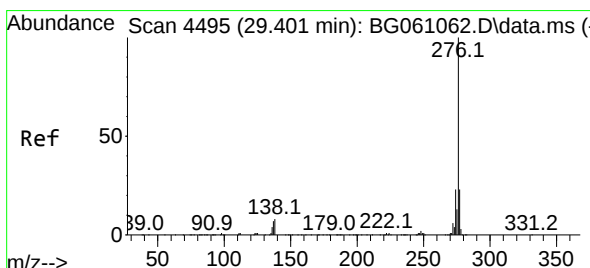
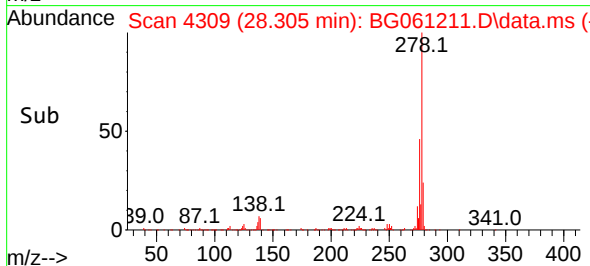
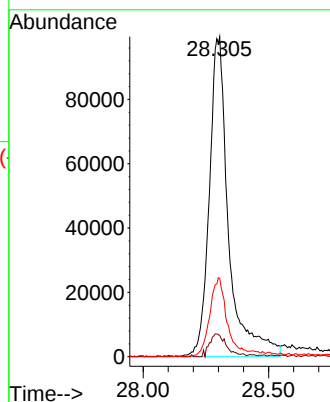
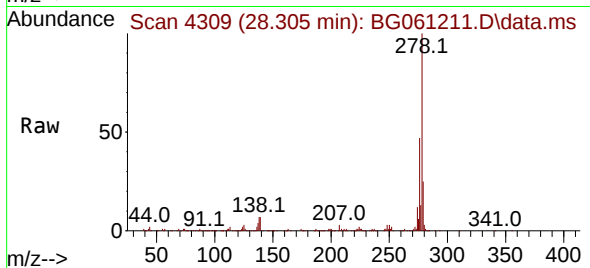
279 24.5 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024

Supervised By :mohammad ahmed 05/17/2024



#92

Benzo(g,h,i)perylene

Concen: 35.602 ng m

RT: 29.351 min Scan# 4487

Delta R.T. -0.050 min

Lab File: BG061211.D

Acq: 15 May 2024 18:24

Tgt Ion:276 Resp: 448623

Ion Ratio Lower Upper

276 100

277 22.9 18.2 27.4

138 9.5 6.2 9.2#

