

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061188.D
 Acq On : 14 May 2024 13:30
 Operator : MA/JU
 Sample : PB160889BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160889BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Supervised By :mohammad
 ahmed
 05/17/2024

Quant Time: May 14 19:30:58 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	20767	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	83668	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	71443	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	183201	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	190356	20.000	ng	#-0.03
86) Perylene-d12	24.686	264	217352	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	171661	168.110	ng	-0.02
7) Phenol-d6	7.112	99	225089	149.010	ng	-0.02
23) Nitrobenzene-d5	9.086	82	145994	86.500	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	181585	127.159	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	411470	85.165	ng	-0.03
79) Terphenyl-d14	19.926	244	940887	82.205	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	13224	32.029	ng	92
3) Pyridine	3.822	79	37310	30.710	ng	94
4) n-Nitrosodimethylamine	3.740	42	43649	37.394	ng	# 88
6) Aniline	7.253	93	50806	33.927	ng	# 90
8) 2-Chlorophenol	7.500	128	64399	51.406	ng	97
9) Benzaldehyde	7.071	77	24841	28.588	ng	94
10) Phenol	7.136	94	79055	51.462	ng	96
11) bis(2-Chloroethyl)ether	7.353	93	49267	46.424	ng	98
12) 1,3-Dichlorobenzene	7.817	146	62241	42.144	ng	95
13) 1,4-Dichlorobenzene	7.964	146	64431	42.212	ng	96
14) 1,2-Dichlorobenzene	8.281	146	65869	44.729	ng	95
15) Benzyl Alcohol	8.170	79	62927	46.180	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.446	45	116794m	50.719	ng	
17) 2-Methylphenol	8.381	107	54780	50.040	ng	93
18) Hexachloroethane	9.004	117	22218	40.794	ng	94
19) n-Nitroso-di-n-propyla...	8.734	70	47862	42.338	ng	# 94
20) 3+4-Methylphenols	8.704	107	74548	47.200	ng	98
22) Acetophenone	8.751	105	94040	45.132	ng	# 93
24) Nitrobenzene	9.127	77	69439	42.055	ng	93
25) Isophorone	9.650	82	128695	41.250	ng	# 94
26) 2-Nitrophenol	9.838	139	33399	42.694	ng	93
27) 2,4-Dimethylphenol	9.903	122	47270	52.412	ng	89
28) bis(2-Chloroethoxy)met...	10.132	93	67734	44.236	ng	97
29) 2,4-Dichlorophenol	10.379	162	64454	45.611	ng	92
30) 1,2,4-Trichlorobenzene	10.590	180	70994	41.695	ng	98
31) Naphthalene	10.778	128	177149	40.739	ng	98
32) Benzoic acid	10.062	122	28662m	27.491	ng	
33) 4-Chloroaniline	10.884	127	40586m	23.403	ng	
34) Hexachlorobutadiene	11.060	225	58518	40.054	ng	98
35) Caprolactam	11.660	113	21467m	42.183	ng	
36) 4-Chloro-3-methylphenol	12.018	107	71781	42.125	ng	96
37) 2-Methylnaphthalene	12.382	142	129401	39.712	ng	98
38) 1-Methylnaphthalene	12.606	142	121037	36.897	ng	97
40) 1,2,4,5-Tetrachloroben...	12.753	216	111480	46.756	ng	94
41) Hexachlorocyclopentadiene	12.729	237	95843	105.007	ng	96
43) 2,4,6-Trichlorophenol	12.993	196	66875	43.689	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	72561	41.884	ng	95
46) 1,1'-Biphenyl	13.393	154	203310	44.383	ng	97
47) 2-Chloronaphthalene	13.434	162	151759	41.373	ng	96
48) 2-Nitroaniline	13.640	65	63678	46.783	ng	96
49) Acenaphthylene	14.280	152	257877	45.773	ng	99
50) Dimethylphthalate	14.016	163	233641	42.340	ng	99
51) 2,6-Dinitrotoluene	14.139	165	49337	41.800	ng	91
52) Acenaphthene	14.627	154	144617	41.149	ng	98
53) 3-Nitroaniline	14.462	138	31429	29.101	ng	94
54) 2,4-Dinitrophenol	14.686	184	63416	75.910	ng	96
55) Dibenzofuran	14.962	168	258416	43.531	ng	99
56) 4-Nitrophenol	14.797	139	70585	80.872	ng	96
57) 2,4-Dinitrotoluene	14.932	165	74663	42.756	ng	93
58) Fluorene	15.608	166	212453	41.359	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.191	232	74636	41.851	ng	99
60) Diethylphthalate	15.379	149	231532	41.608	ng	100
61) 4-Chlorophenyl-phenyle...	15.602	204	131749	42.714	ng	97
62) 4-Nitroaniline	15.631	138	48534	41.435	ng	94
63) Azobenzene	15.896	77	192319	44.397	ng	96
65) 4,6-Dinitro-2-methylph...	15.696	198	49608	43.643	ng	96
66) n-Nitrosodiphenylamine	15.820	169	198731	43.744	ng	96
67) 4-Bromophenyl-phenylether	16.495	248	94710	43.885	ng	93
68) Hexachlorobenzene	16.619	284	113028	42.078	ng	98
69) Atrazine	16.771	200	92398	49.317	ng	99
70) Pentachlorophenol	16.965	266	113702	68.901	ng	98
71) Phenanthrene	17.353	178	377514	45.067	ng	99
72) Anthracene	17.441	178	380634	45.538	ng	99
73) Carbazole	17.711	167	323792	44.058	ng	98
74) Di-n-butylphthalate	18.275	149	392341	44.896	ng	99
75) Fluoranthene	19.362	202	498969	43.480	ng	98
77) Benzidine	19.545	184	109129	31.168	ng	97
78) Pyrene	19.727	202	511758	42.287	ng	99
80) Butylbenzylphthalate	20.614	149	168363	43.949	ng	99
81) Benzo(a)anthracene	21.548	228	547068	43.919	ng	99
82) 3,3'-Dichlorobenzidine	21.466	252	137721	30.722	ng	99
83) Chrysene	21.613	228	512390	43.905	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	227001	45.378	ng	99
85) Di-n-octyl phthalate	22.641	149	391818	44.395	ng	99
87) Indeno(1,2,3-cd)pyrene	28.234	276	667888	46.367	ng	98
88) Benzo(b)fluoranthene	23.698	252	530893	43.710	ng	98
89) Benzo(k)fluoranthene	23.769	252	521934	44.668	ng	98
90) Benzo(a)pyrene	24.545	252	494294	46.713	ng	99
91) Dibenzo(a,h)anthracene	28.287	278	546292	45.796	ng	98
92) Benzo(g,h,i)perylene	29.345	276	501375	42.295	ng	98

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

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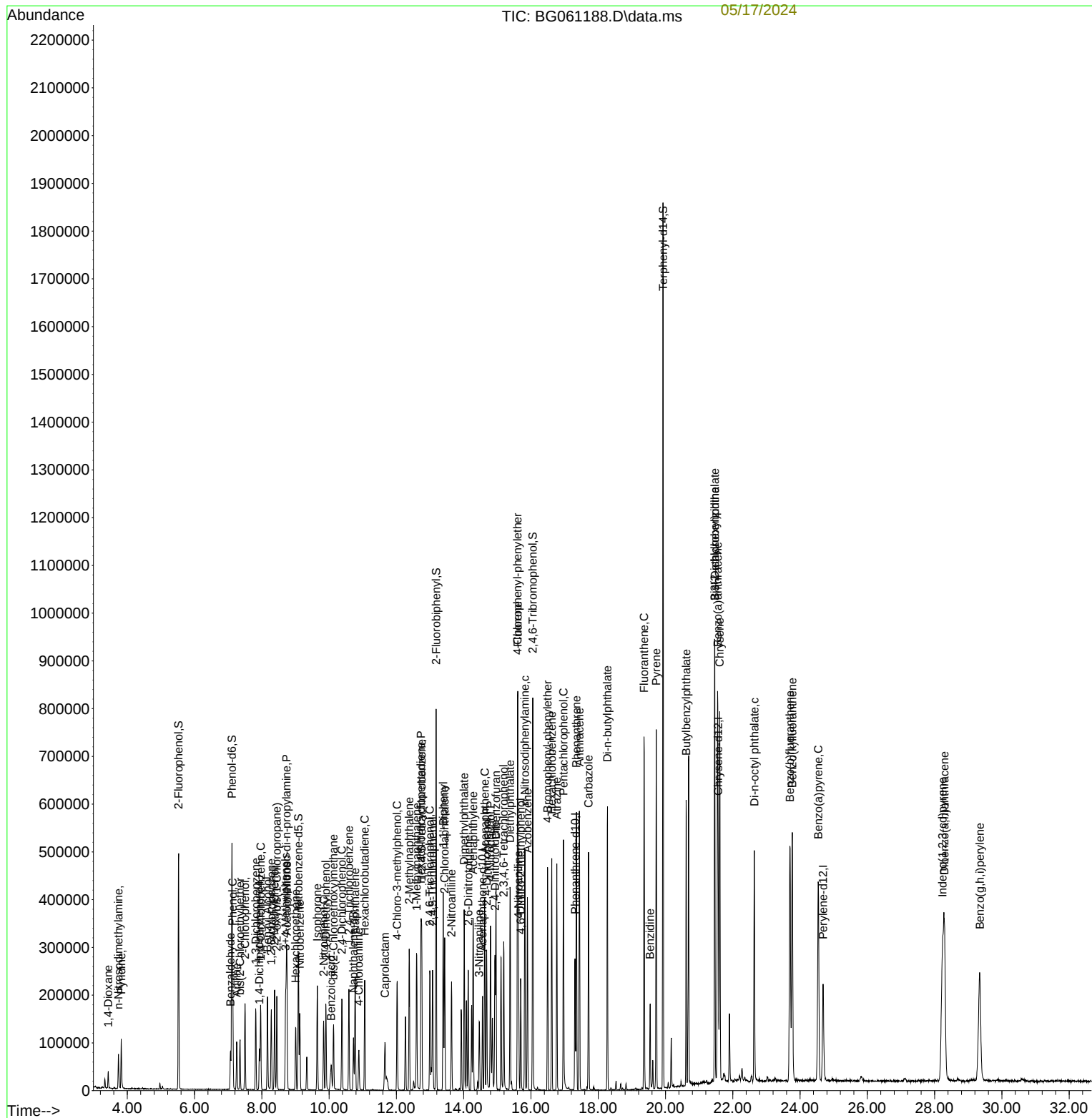
Instrument :
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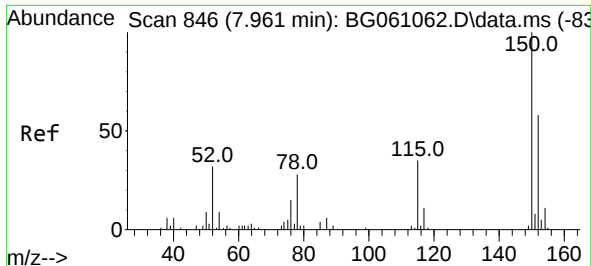
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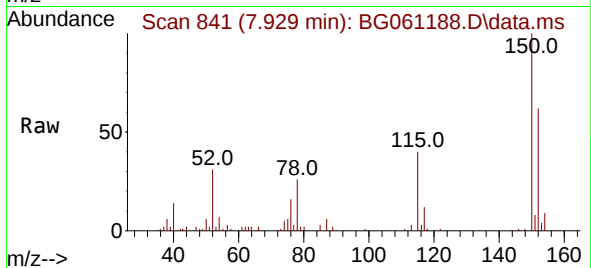
Supervised By :mohammad
 ahmed
 05/17/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 84
Delta R.T. -0.032 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :
BNA_G
ClientSampleId :
PB160889BS

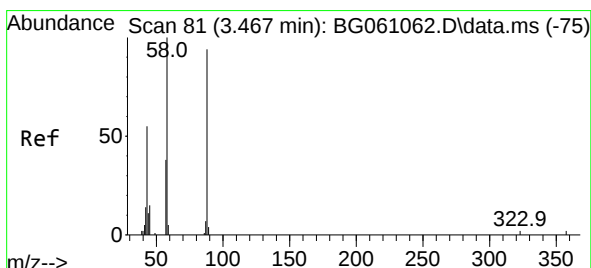
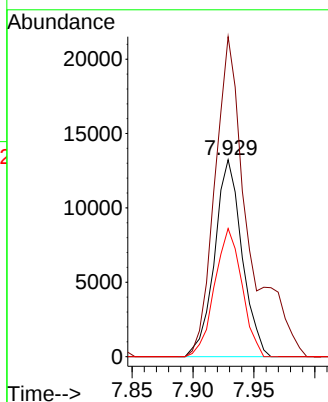
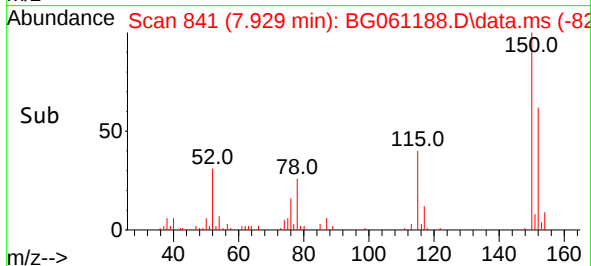


Tgt Ion:152 Resp: 2076
Ion Ratio Lower Upper
152 100
150 162.4 138.3 207.5
115 65.1 48.0 72.0

Manual Integrations
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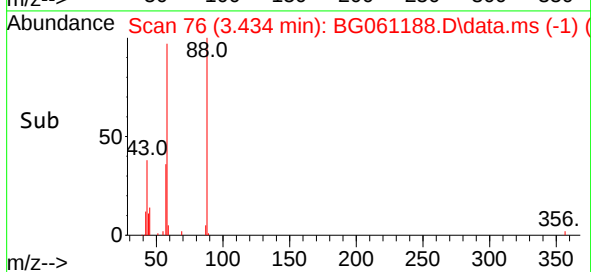
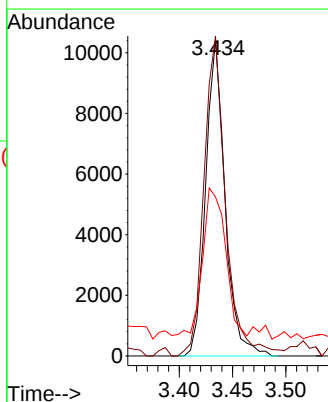
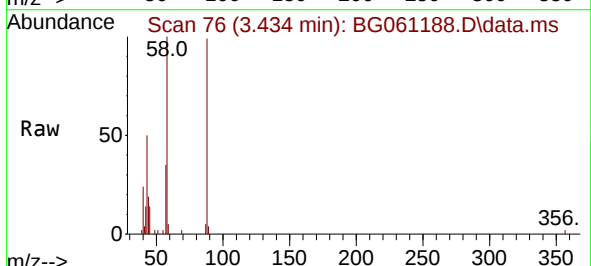
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Supervised By :mohammad ahmed 05/17/2024

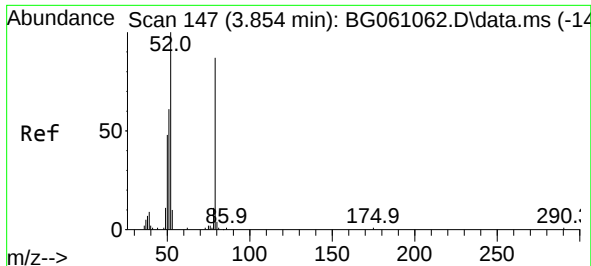
Supervised By :mohammad
ahmed
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#2
1,4-Dioxane
Concen: 32.029 ng
RT: 3.434 min Scan# 76
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion: 88 Resp: 13224
Ion Ratio Lower Upper
88 100
58 112.9 81.2 121.8
43 54.0 45.0 67.4





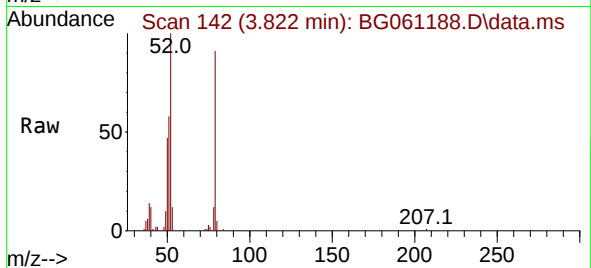
#3
Pyridine
Concen: 30.710 ng
RT: 3.822 min Scan# 147
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

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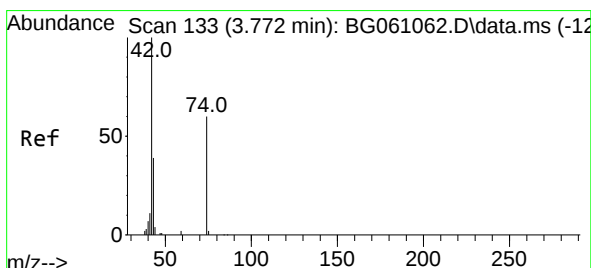
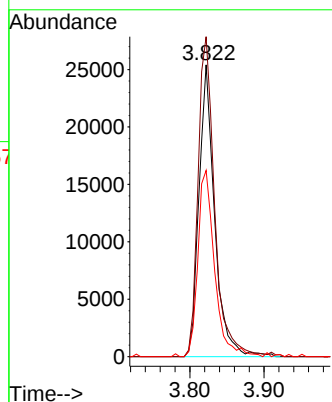
Tgt Ion: 79 Resp: 37310
Ion Ratio Lower Upper
79 100
52 109.6 91.6 137.4
51 63.8 57.0 85.4

Manual Integrations

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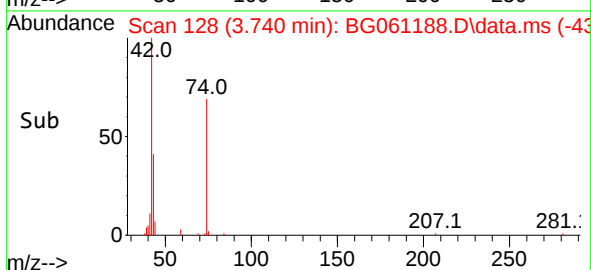
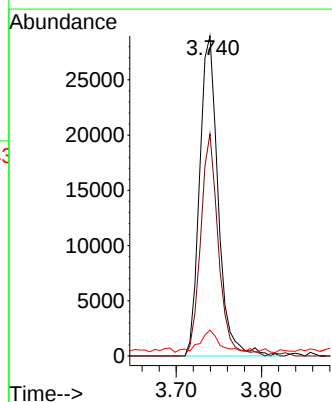
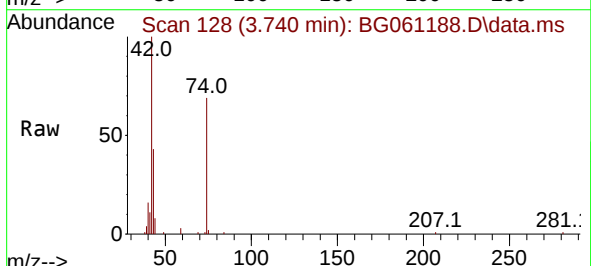
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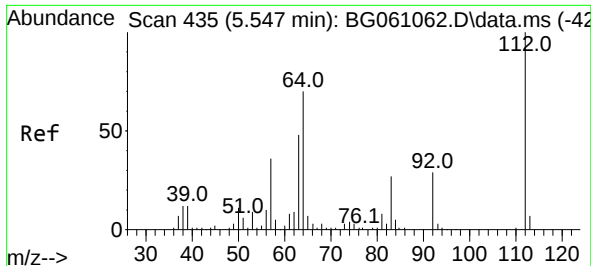
Supervised By :mohammad
ahmed
05/17/2024



#4
n-Nitrosodimethylamine
Concen: 37.394 ng
RT: 3.740 min Scan# 128
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion: 42 Resp: 43649
Ion Ratio Lower Upper
42 100
74 69.4 47.8 71.8
44 8.1 4.7 7.1#





#5
2-Fluorophenol
Concen: 168.110 ng
RT: 5.526 min Scan# 411
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

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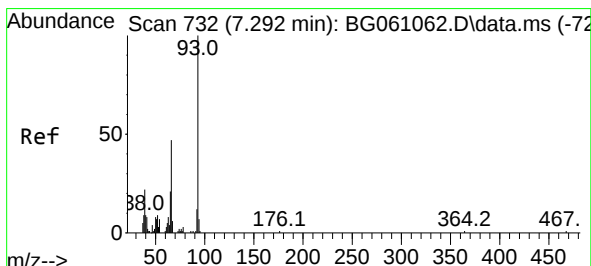
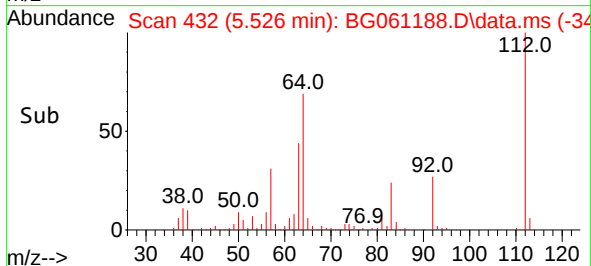
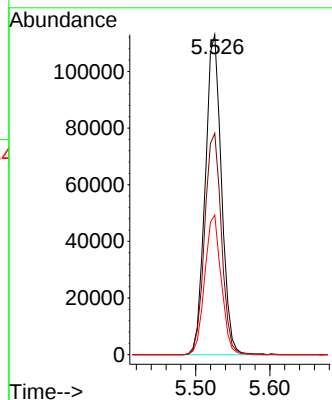
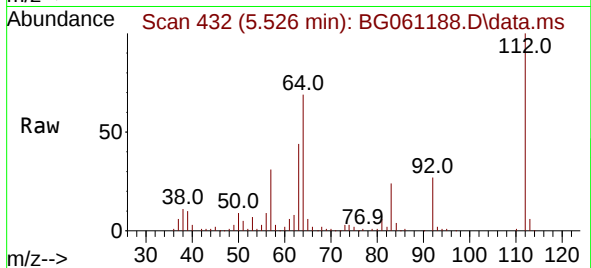
Tgt Ion:112 Resp: 17166
Ion Ratio Lower Upper
112 100
64 69.2 55.7 83.5
63 43.7 38.1 57.1

Manual Integrations

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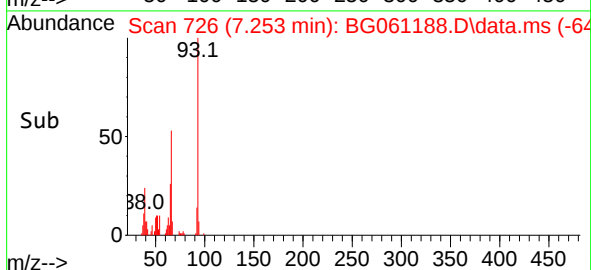
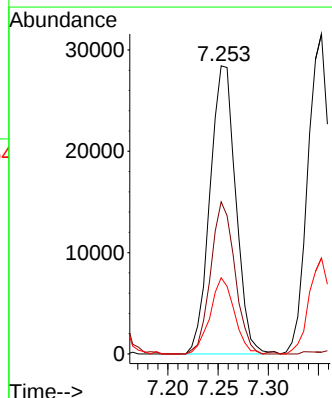
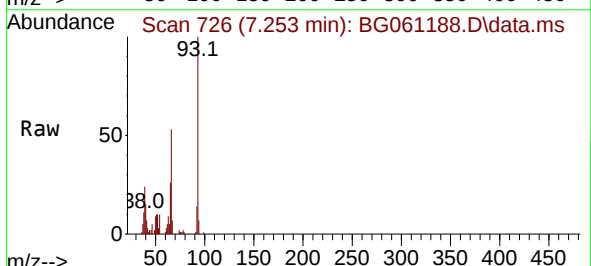
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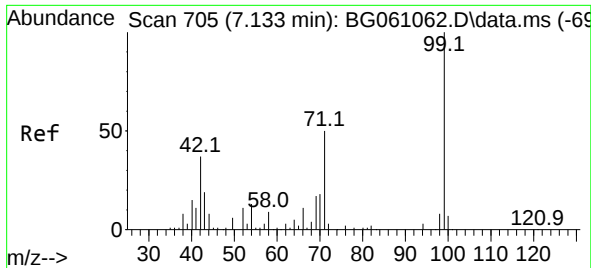
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#6
Aniline
Concen: 33.927 ng
RT: 7.253 min Scan# 726
Delta R.T. -0.038 min
Lab File: BG061188.D
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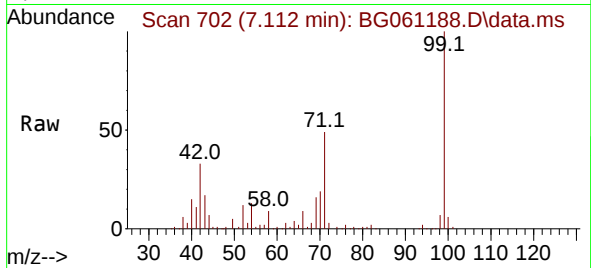
Tgt Ion: 93 Resp: 50806
Ion Ratio Lower Upper
93 100
66 52.8 37.4 56.0
65 26.4 16.6 24.8#





#7
Phenol-d6
Concen: 149.010 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
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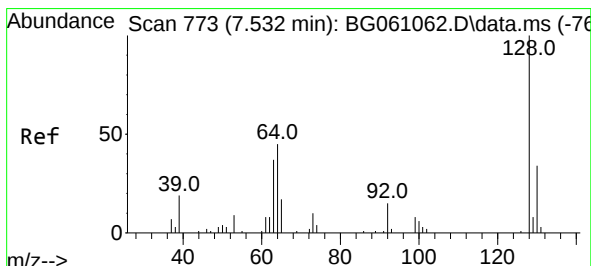
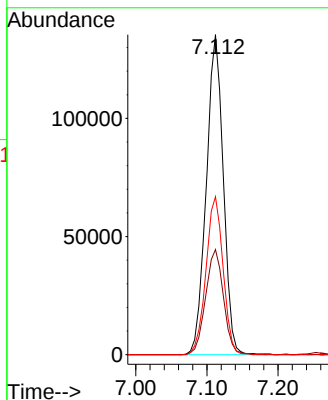
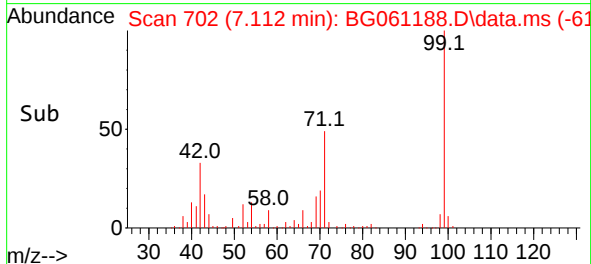


Tgt Ion: 99 Resp: 225089
Ion Ratio Lower Upper
99 100
42 32.8 29.2 43.8
71 49.4 39.7 59.5

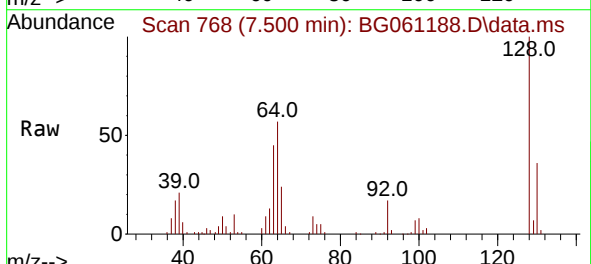
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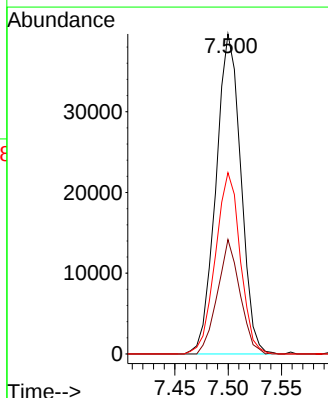
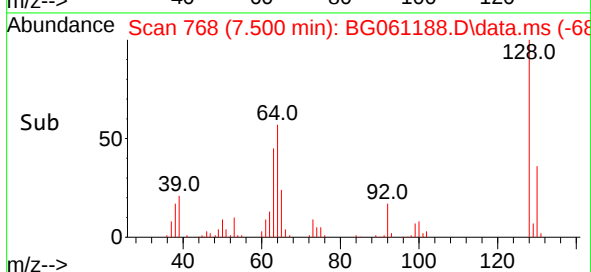
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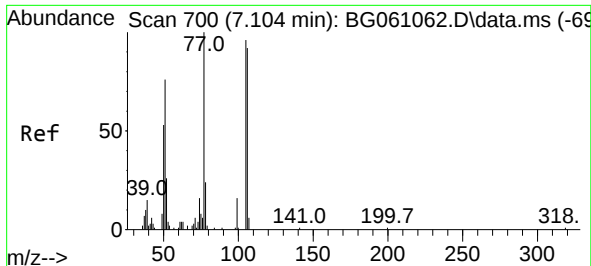


#8
2-Chlorophenol
Concen: 51.406 ng
RT: 7.500 min Scan# 768
Delta R.T. -0.033 min
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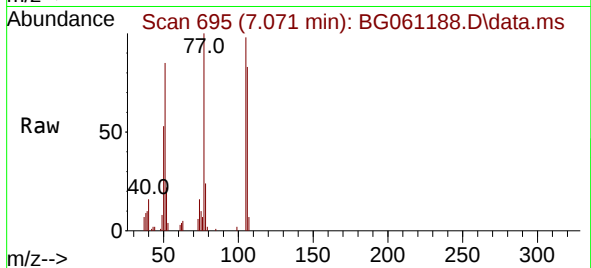
Tgt Ion:128 Resp: 64399
Ion Ratio Lower Upper
128 100
130 35.8 14.1 54.1
64 56.7 34.8 74.8





#9
Benzaldehyde
Concen: 28.588 ng
RT: 7.071 min Scan# 695
Delta R.T. -0.033 min
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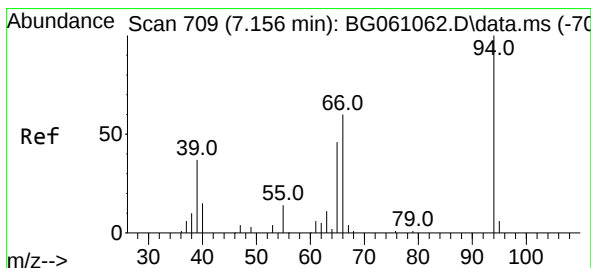
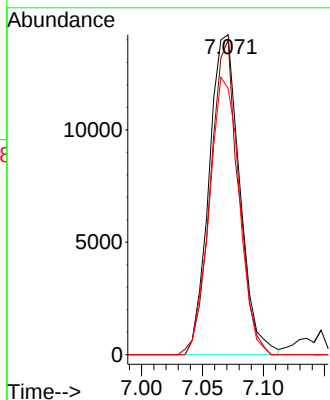


Tgt Ion: 77 Resp: 2484
Ion Ratio Lower Upper
77 100
105 98.2 76.0 116.0
106 83.2 72.3 112.3

Manual Integrations
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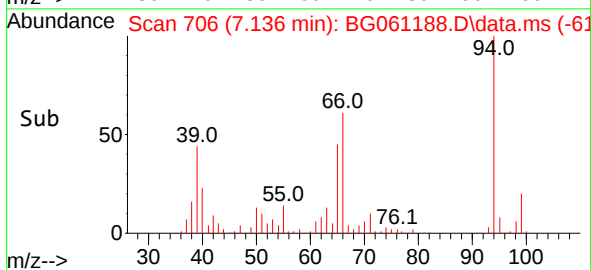
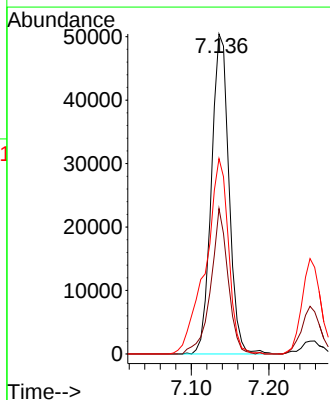
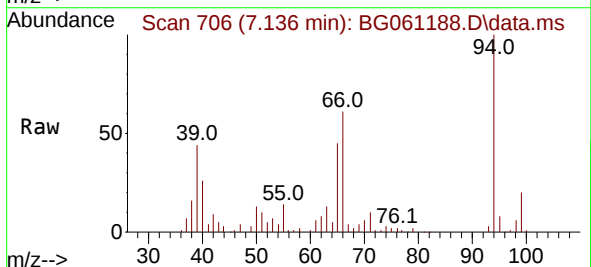
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

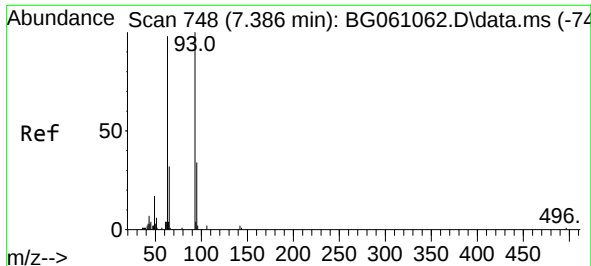
Supervised By :mohammad
ahmed
05/17/2024



#10
Phenol
Concen: 51.462 ng
RT: 7.136 min Scan# 706
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

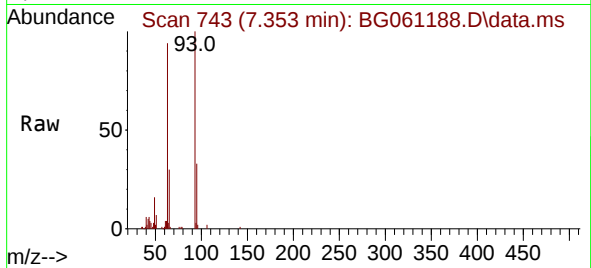
Tgt Ion: 94 Resp: 79055
Ion Ratio Lower Upper
94 100
65 45.4 26.8 66.8
66 61.1 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 46.424 ng
RT: 7.353 min Scan# 748
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :
BNA_G
ClientSampleId :
PB160889BS

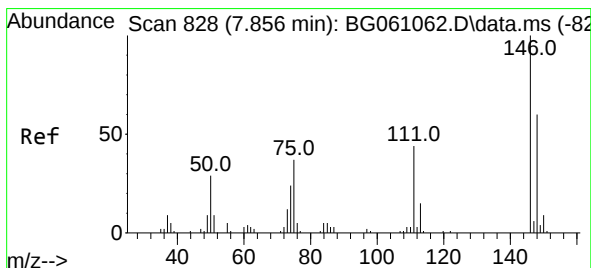
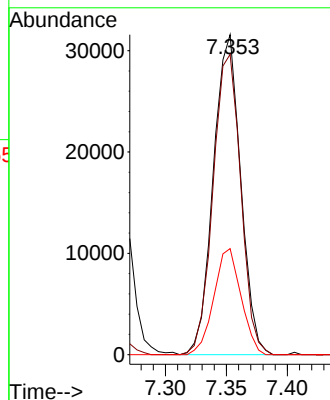


Tgt Ion: 93 Resp: 4926
Ion Ratio Lower Upper
93 100
63 93.8 76.8 116.8
95 33.2 13.6 53.6

Manual Integrations
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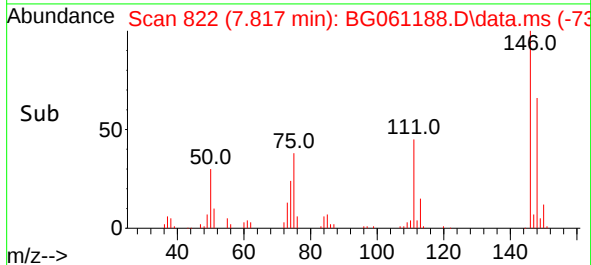
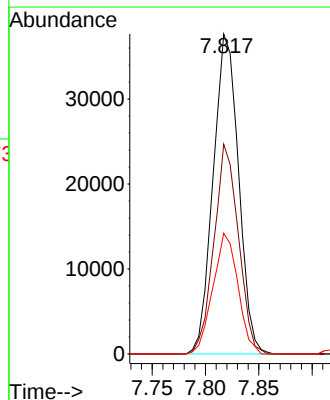
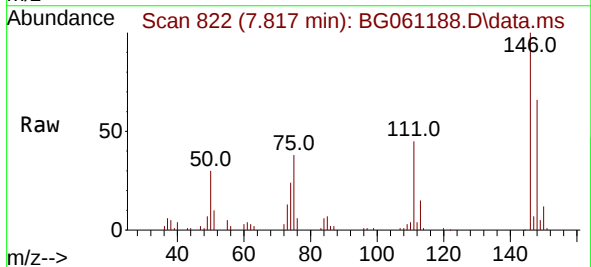
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

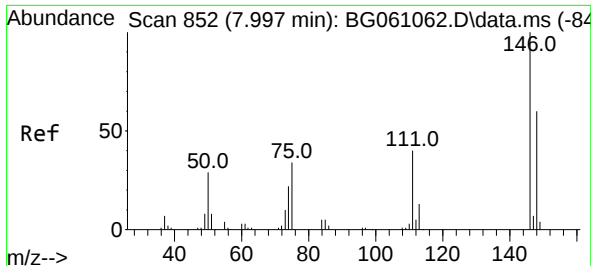
Supervised By :mohammad
ahmed
05/17/2024



#12
1,3-Dichlorobenzene
Concen: 42.144 ng
RT: 7.817 min Scan# 822
Delta R.T. -0.038 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:146 Resp: 62241
Ion Ratio Lower Upper
146 100
148 65.6 48.0 72.0
75 37.7 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 42.212 ng

RT: 7.964 min Scan# 84

Delta R.T. -0.033 min

Lab File: BG061188.D

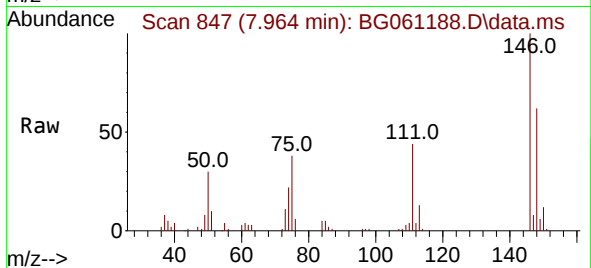
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



Tgt Ion:146 Resp: 6443

Ion Ratio Lower Upper

146 100

148 62.2 48.1 72.1

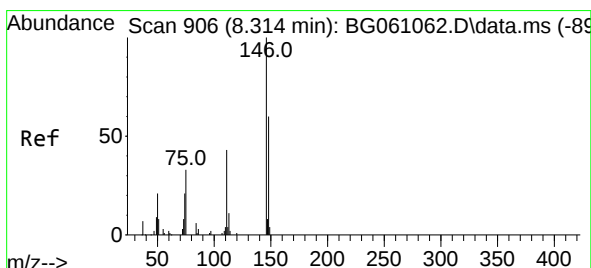
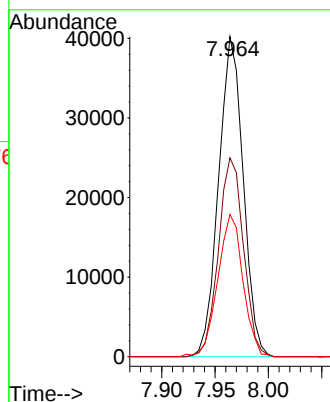
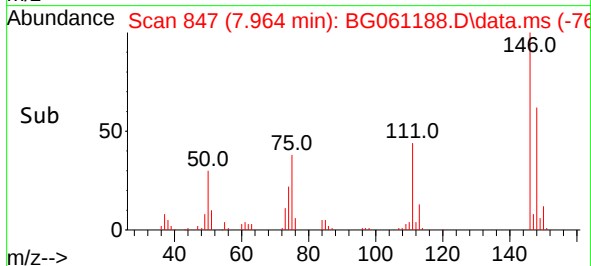
111 44.4 32.5 48.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Supervised By :mohammad
ahmed
05/17/2024



#14

1,2-Dichlorobenzene

Concen: 44.729 ng

RT: 8.281 min Scan# 901

Delta R.T. -0.033 min

Lab File: BG061188.D

Acq: 14 May 2024 13:30

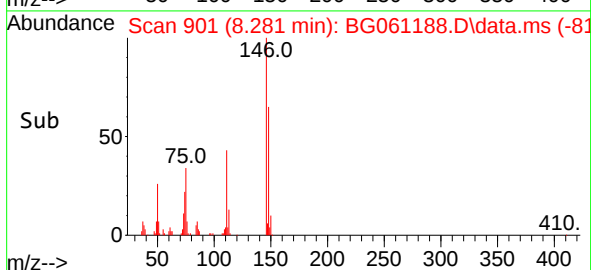
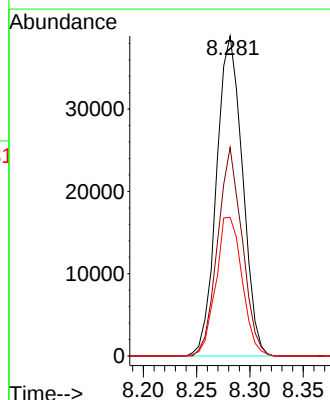
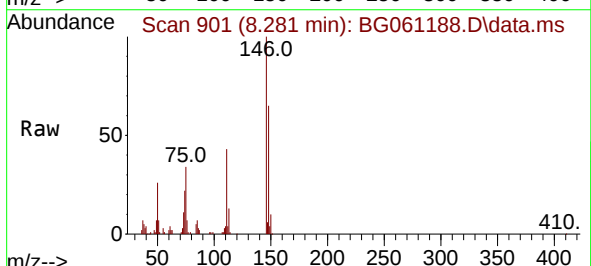
Tgt Ion:146 Resp: 65869

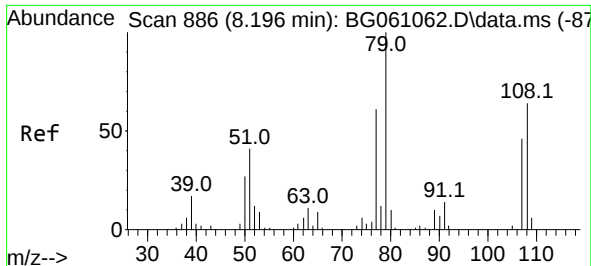
Ion Ratio Lower Upper

146 100

148 65.1 48.2 72.2

111 43.3 36.2 54.2





#15
Benzyl Alcohol
Concen: 46.180 ng
RT: 8.170 min Scan# 81
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

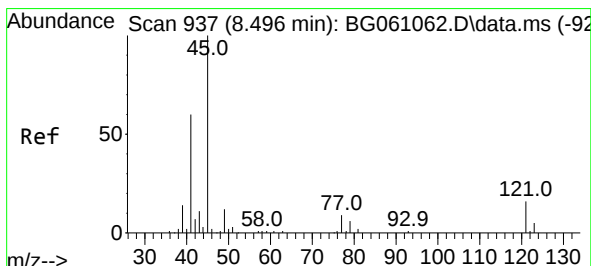
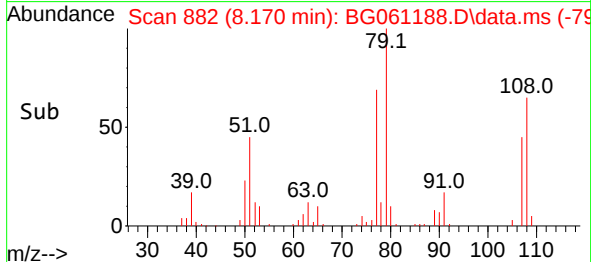
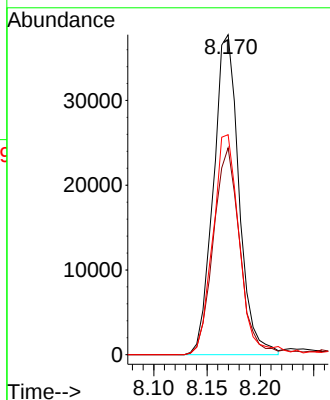
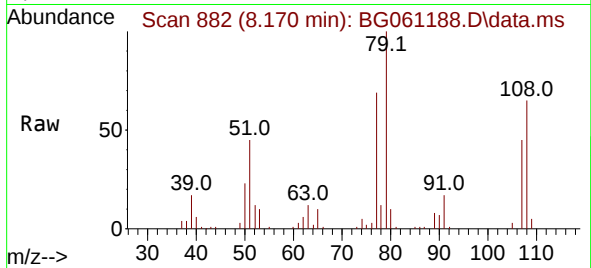
PB160889BS

Tgt Ion: 79 Resp: 6292
Ion Ratio Lower Upper
79 100
108 64.7 51.1 76.7
77 68.7 49.0 73.6

Manual Integrations
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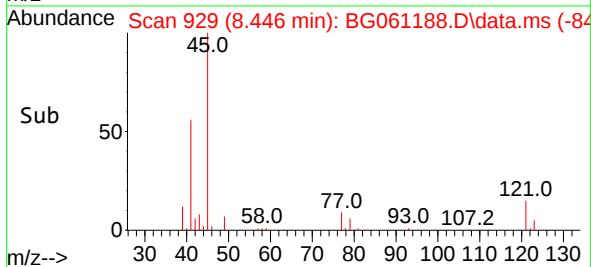
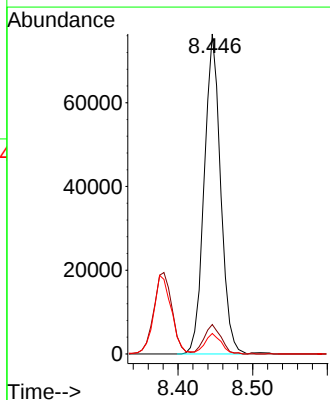
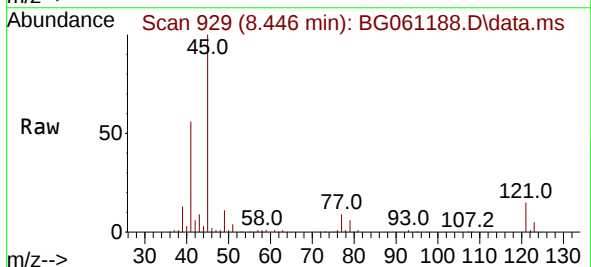
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

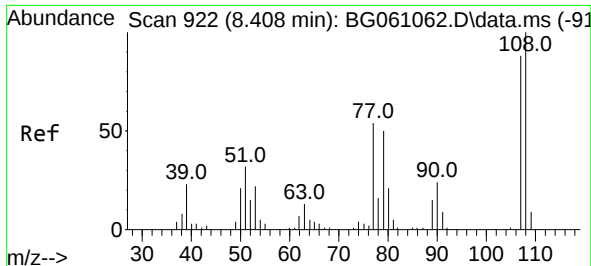
Supervised By :mohammad
ahmed
05/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.719 ng m
RT: 8.446 min Scan# 929
Delta R.T. -0.050 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion: 45 Resp: 116794
Ion Ratio Lower Upper
45 100
77 9.2 0.0 30.2
79 6.4 0.0 26.5





#17
2-Methylphenol
Concen: 50.040 ng
RT: 8.381 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

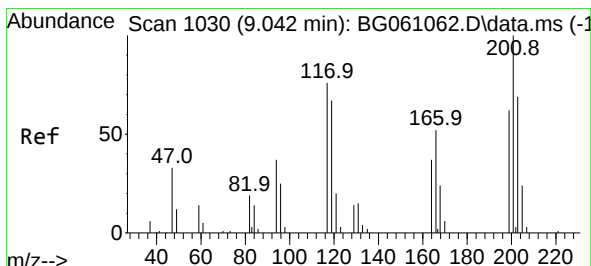
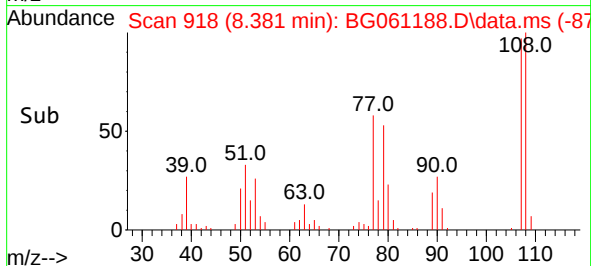
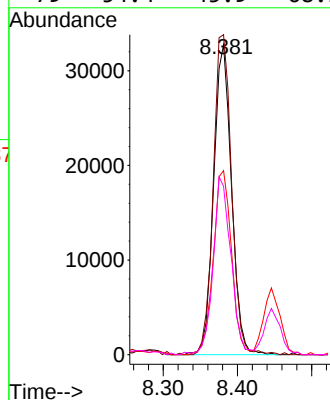
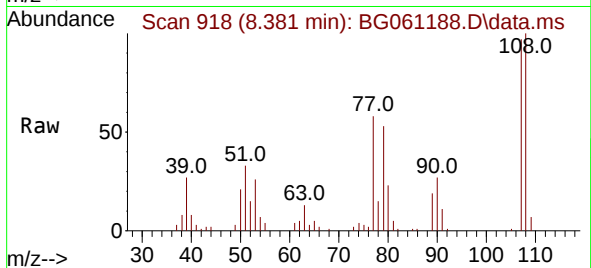
PB160889BS

Tgt Ion:107 Resp: 54780
Ion Ratio Lower Upper
107 100
108 103.2 91.4 137.2
77 59.4 49.4 74.2
79 54.4 45.9 68.9

Manual Integrations
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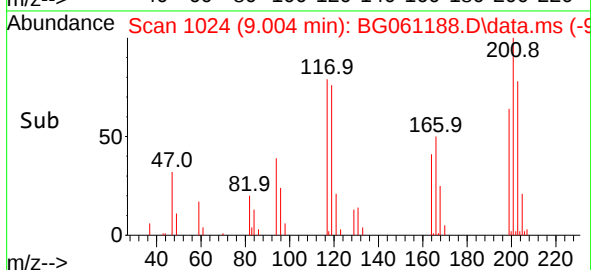
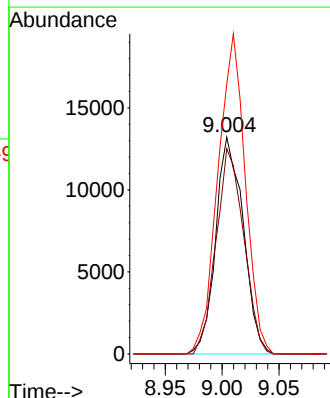
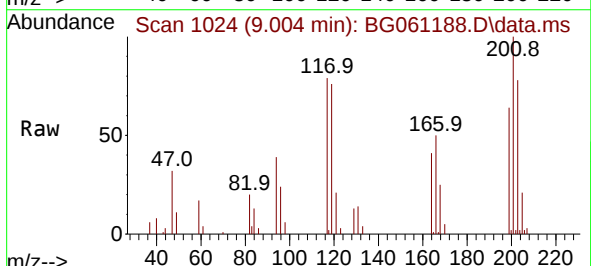
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

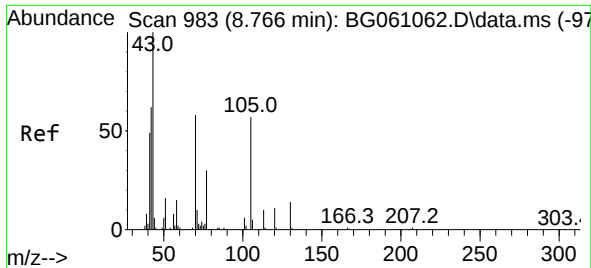
Supervised By :mohammad
ahmed
05/17/2024



#18
Hexachloroethane
Concen: 40.794 ng
RT: 9.004 min Scan# 1024
Delta R.T. -0.039 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

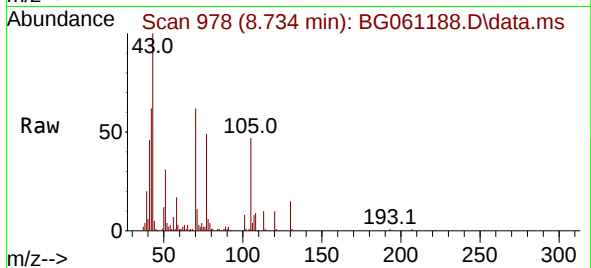
Tgt Ion:117 Resp: 22218
Ion Ratio Lower Upper
117 100
119 94.7 71.4 107.0
201 124.6 105.8 158.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.338 ng
RT: 8.734 min Scan# 91
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :
BNA_G
ClientSampleId :
PB160889BS

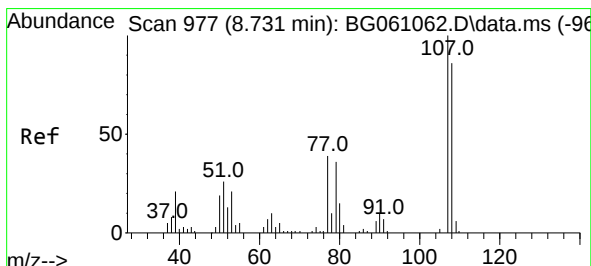
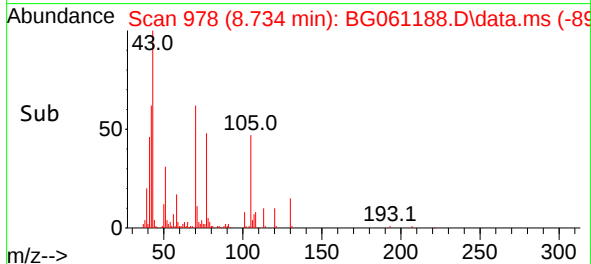
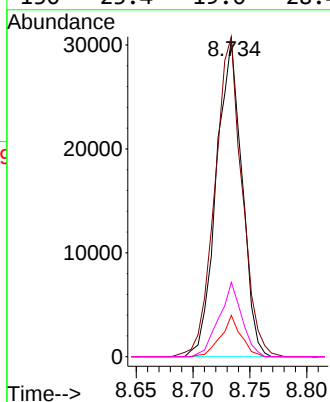


Tgt Ion: 70 Resp: 47862
Ion Ratio Lower Upper
70 100
42 100.7 86.4 129.6
101 13.0 7.8 11.8
130 23.4 19.0 28.4

Manual Integrations
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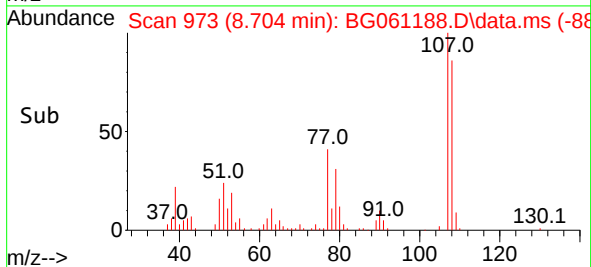
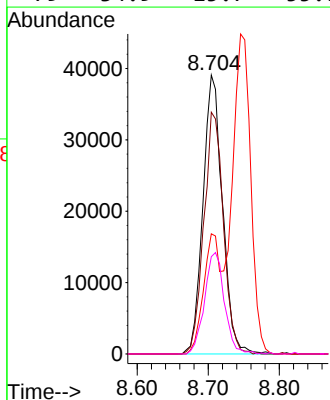
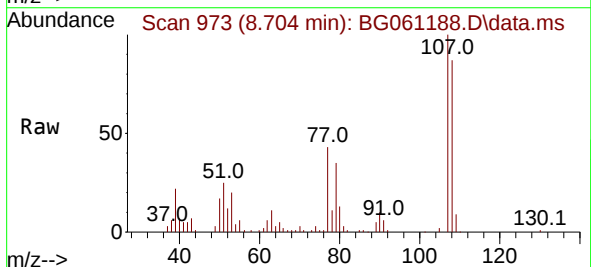
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

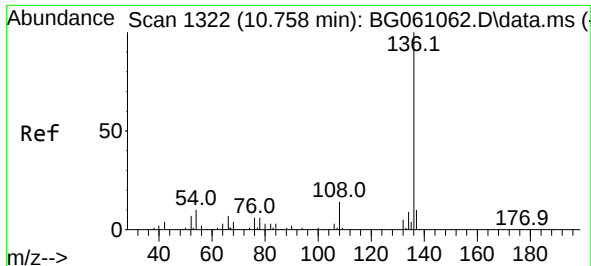
Supervised By :mohammad
ahmed
05/17/2024



#20
3+4-Methylphenols
Concen: 47.200 ng
RT: 8.704 min Scan# 973
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:107 Resp: 74548
Ion Ratio Lower Upper
107 100
108 86.7 65.7 105.7
77 43.1 19.4 59.4
79 34.9 15.7 55.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

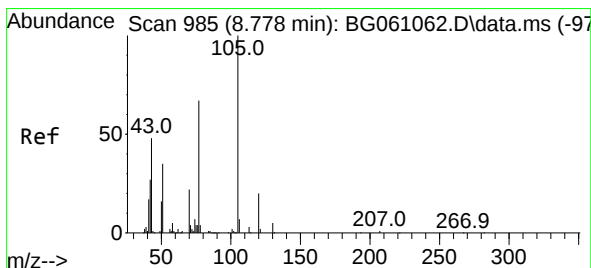
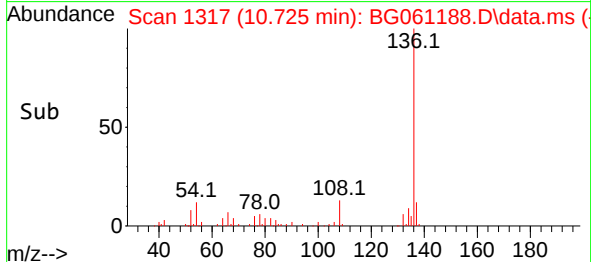
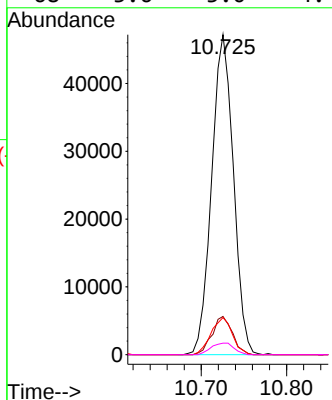
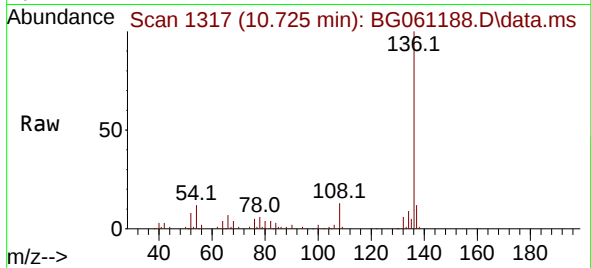
PB160889BS

Tgt Ion:136 Resp: 83668
Ion Ratio Lower Upper
136 100
137 11.9 7.8 11.6
54 11.6 8.1 12.1
68 3.6 3.0 4.4

Manual Integrations
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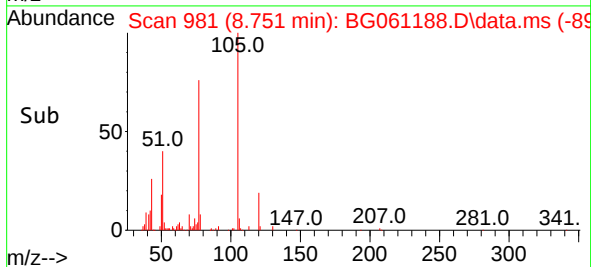
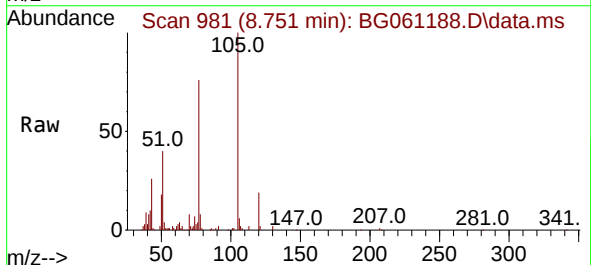
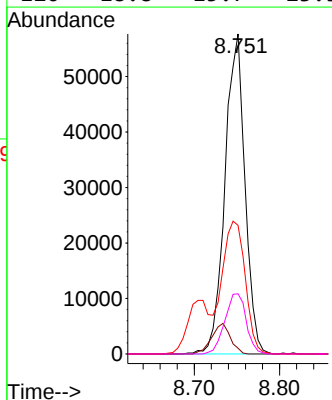
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

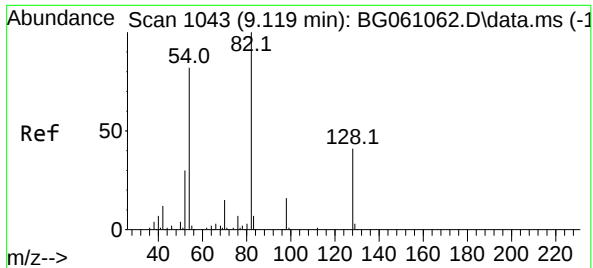
Supervised By :mohammad
ahmed
05/17/2024



#22
Acetophenone
Concen: 45.132 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:105 Resp: 94040
Ion Ratio Lower Upper
105 100
71 1.8 3.3 4.9#
51 40.2 36.7 55.1
120 18.8 15.7 23.5





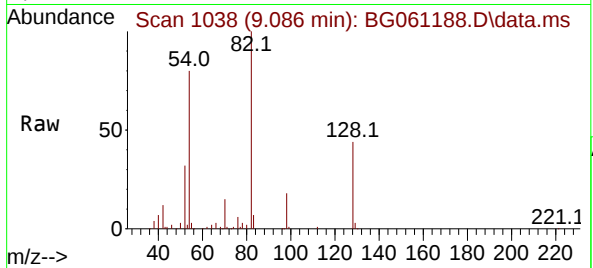
#23
Nitrobenzene-d5
Concen: 86.500 ng
RT: 9.086 min Scan# 1038
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



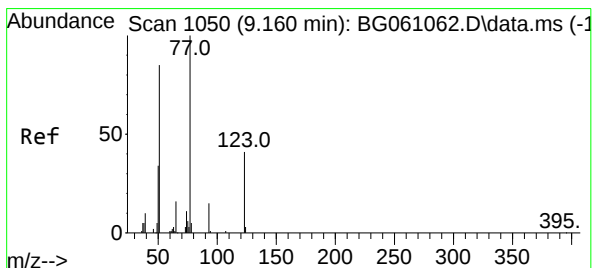
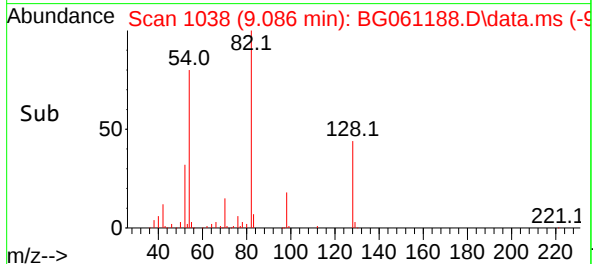
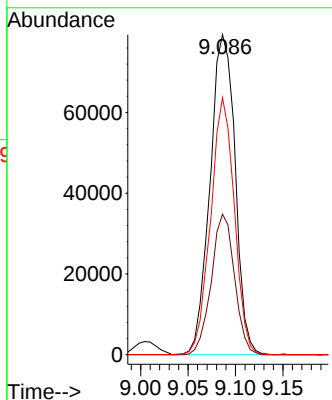
Tgt Ion: 82 Resp: 145994
Ion Ratio Lower Upper
82 100
128 43.9 32.7 49.1
54 80.3 65.6 98.4

Manual Integrations

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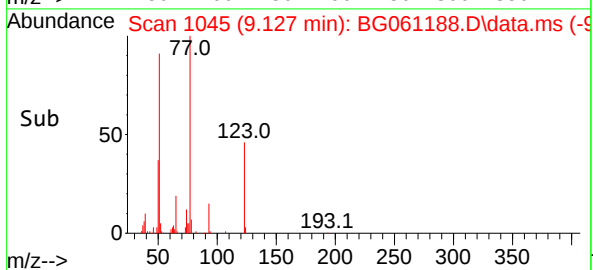
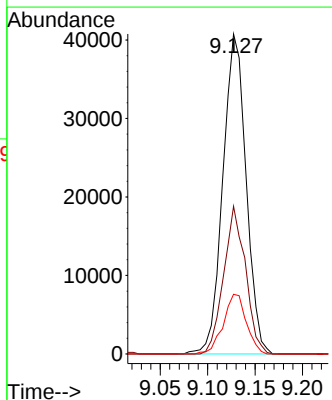
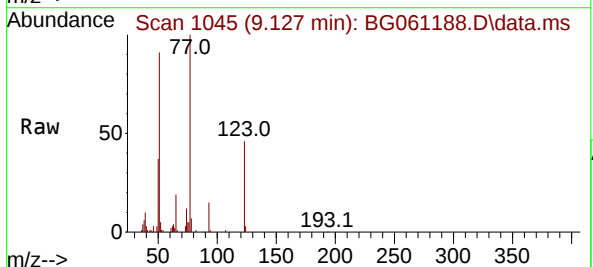
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

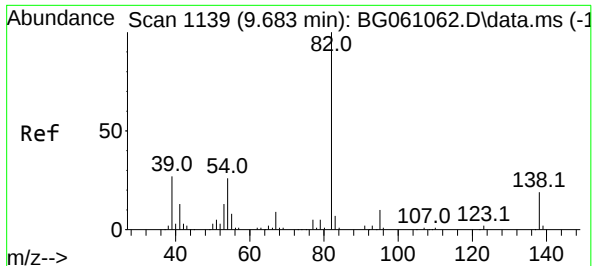
Supervised By :mohammad
ahmed
05/17/2024



#24
Nitrobenzene
Concen: 42.055 ng
RT: 9.127 min Scan# 1045
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion: 77 Resp: 69439
Ion Ratio Lower Upper
77 100
123 46.2 33.1 49.7
65 18.7 13.1 19.7





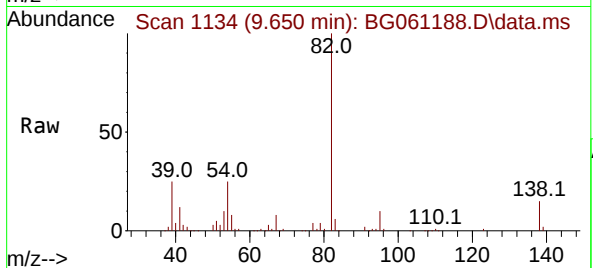
#25
Isophorone
Concen: 41.250 ng
RT: 9.650 min Scan# 1134
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



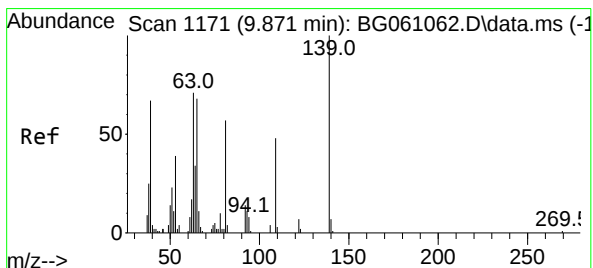
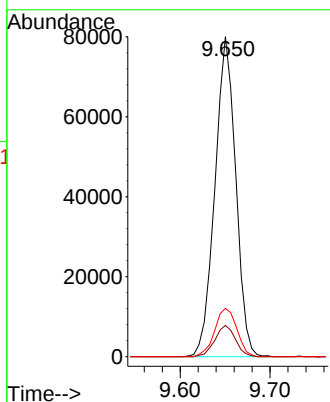
Tgt Ion: 82 Resp: 12869
Ion Ratio Lower Upper
82 100
95 9.7 8.3 12.5
138 15.1 15.2 22.8

Manual Integrations

APPROVED

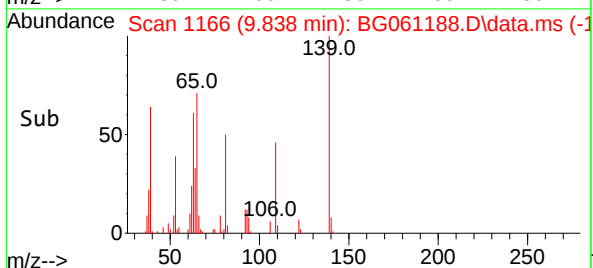
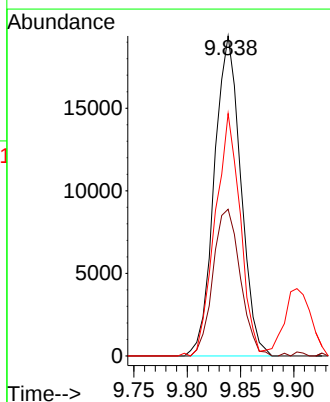
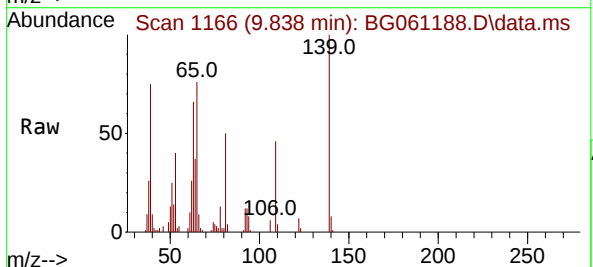
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

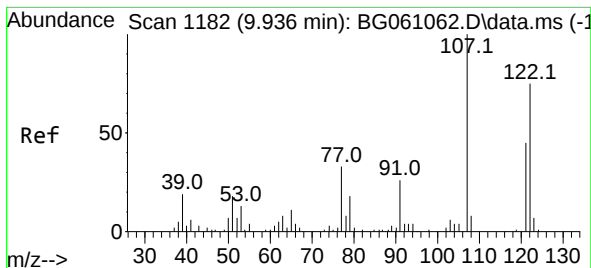
Supervised By :mohammad
ahmed
05/17/2024



#26
2-Nitrophenol
Concen: 42.694 ng
RT: 9.838 min Scan# 1166
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:139 Resp: 33399
Ion Ratio Lower Upper
139 100
109 45.9 38.5 57.7
65 75.8 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 52.412 ng

RT: 9.903 min Scan# 1182

Delta R.T. -0.033 min

Lab File: BG061188.D

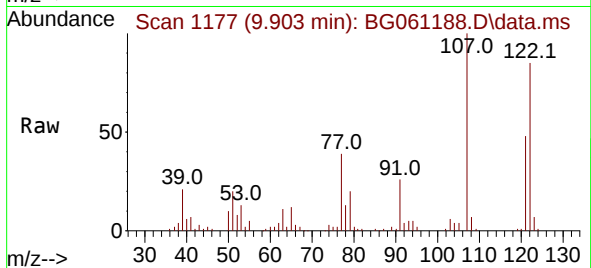
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



Tgt Ion:122 Resp: 47270

Ion Ratio Lower Upper

122 100

107 117.8 106.9 160.3

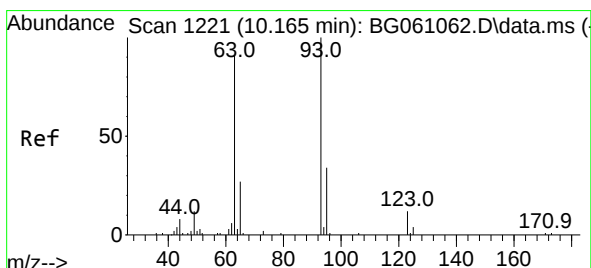
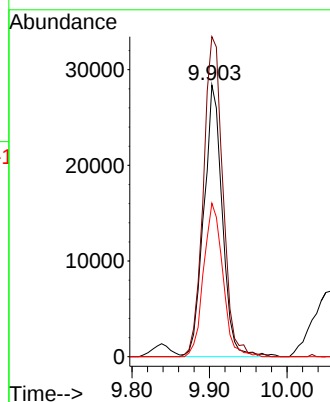
121 56.5 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Supervised By :mohammad
ahmed
05/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.236 ng

RT: 10.132 min Scan# 1216

Delta R.T. -0.033 min

Lab File: BG061188.D

Acq: 14 May 2024 13:30

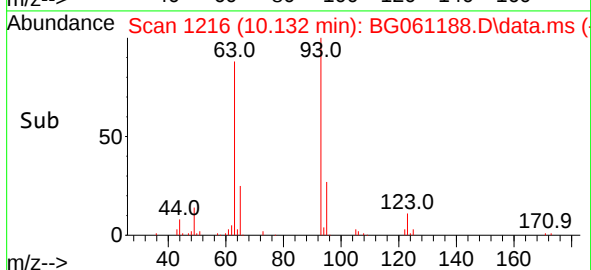
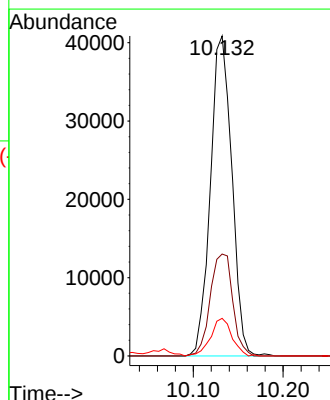
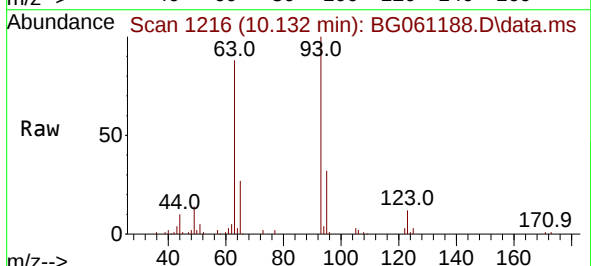
Tgt Ion: 93 Resp: 67734

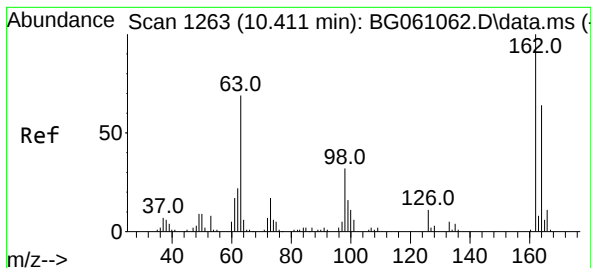
Ion Ratio Lower Upper

93 100

95 31.8 27.4 41.0

123 11.8 9.7 14.5





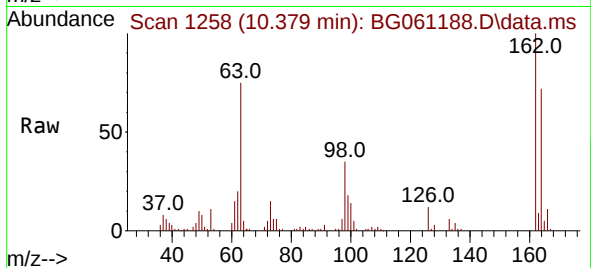
#29
2,4-Dichlorophenol
Concen: 45.611 ng
RT: 10.379 min Scan# 1258
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



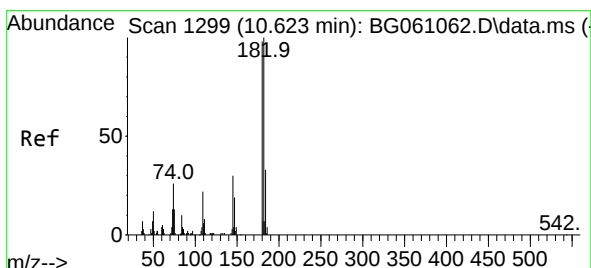
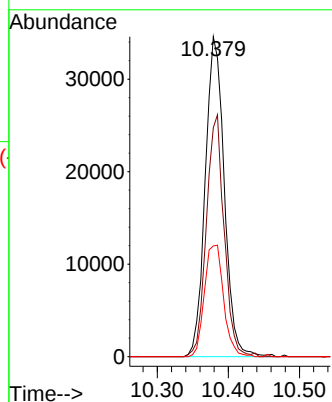
Tgt Ion:162 Resp: 64454
Ion Ratio Lower Upper
162 100
164 71.6 43.6 83.6
98 34.6 12.3 52.3

Manual Integrations

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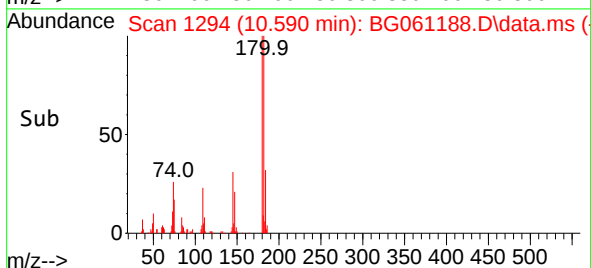
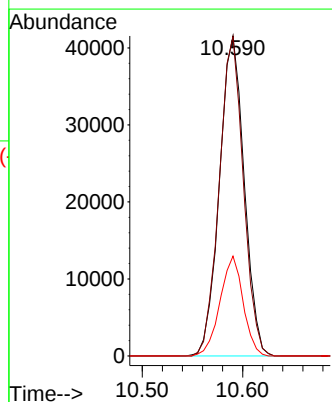
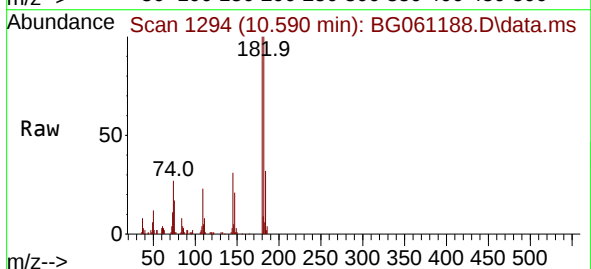
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

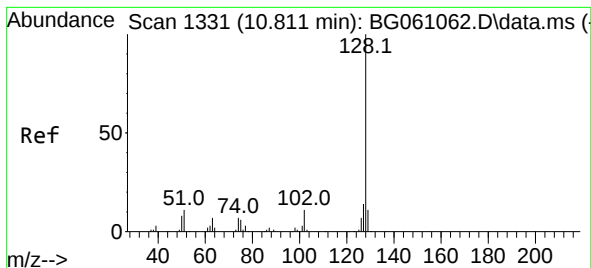
Supervised By :mohammad
ahmed
05/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.695 ng
RT: 10.590 min Scan# 1294
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:180 Resp: 70994
Ion Ratio Lower Upper
180 100
182 99.8 81.7 122.5
145 31.2 24.5 36.7





#31
Naphthalene
Concen: 40.739 ng
RT: 10.778 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

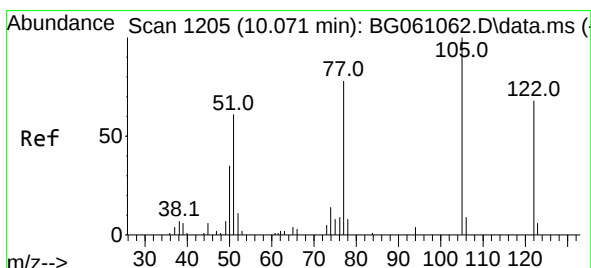
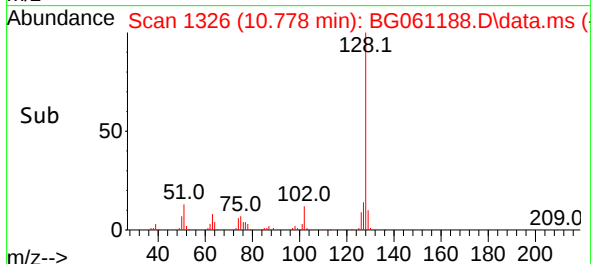
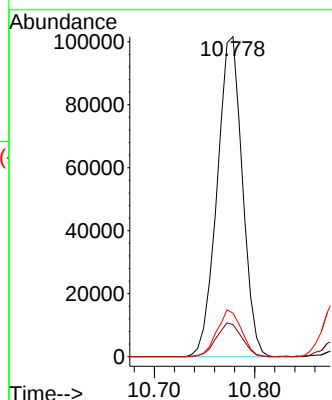
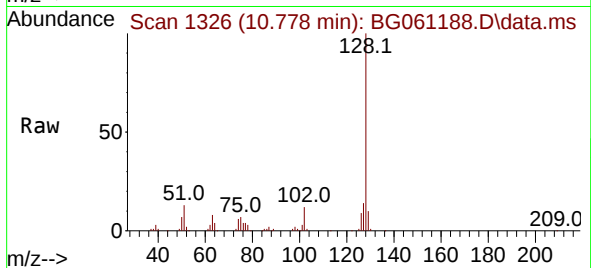
Instrument :
BNA_G
ClientSampleId :
PB160889BS

Tgt Ion:128 Resp: 177149
Ion Ratio Lower Upper
128 100
129 10.0 8.9 13.3
127 13.6 11.1 16.7

Manual Integrations
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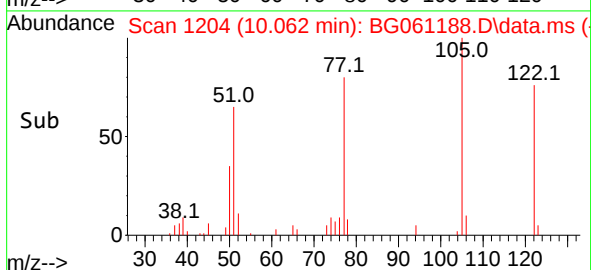
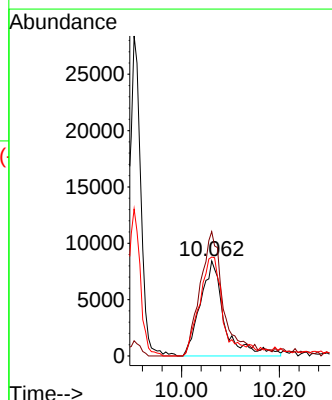
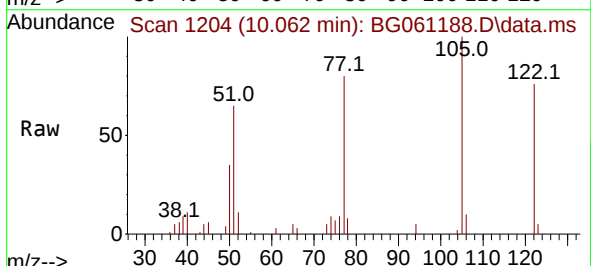
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

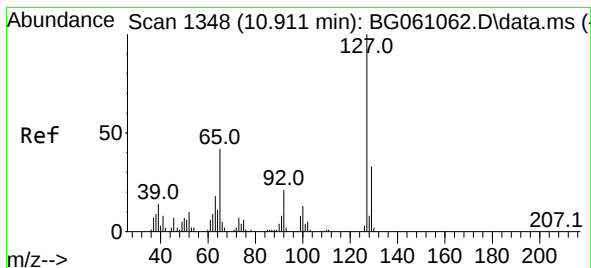
Supervised By :mohammad
ahmed
05/17/2024



#32
Benzoic acid
Concen: 27.491 ng m
RT: 10.062 min Scan# 1204
Delta R.T. -0.009 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:122 Resp: 28662
Ion Ratio Lower Upper
122 100
105 130.8 123.3 163.3
77 104.1 93.2 133.2





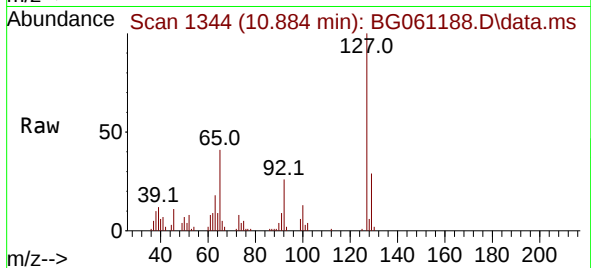
#33
4-Chloroaniline
Concen: 23.403 ng m
RT: 10.884 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



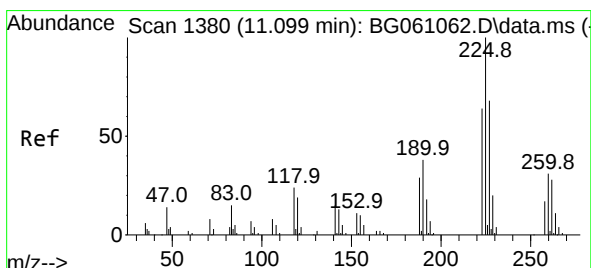
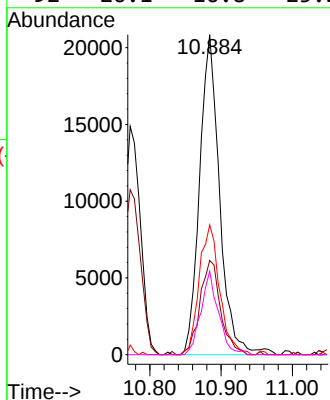
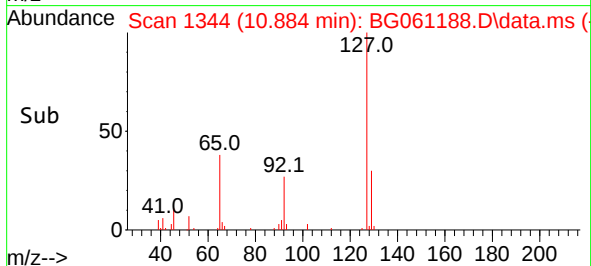
Tgt Ion:127 Resp: 40580
Ion Ratio Lower Upper
127 100
129 29.5 26.6 39.8
65 40.5 33.6 50.4
92 26.1 16.8 25.2#

Manual Integrations

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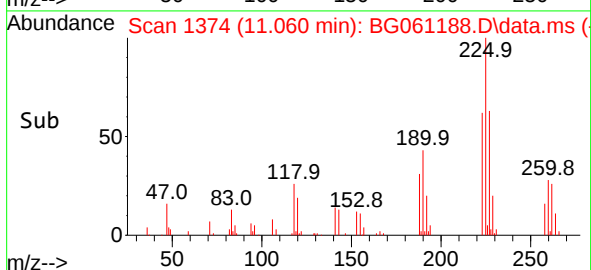
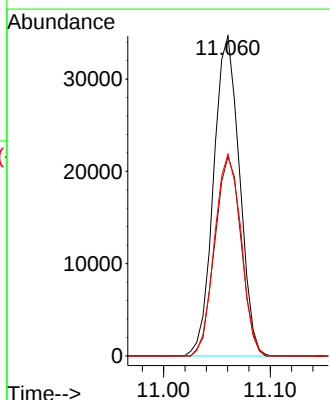
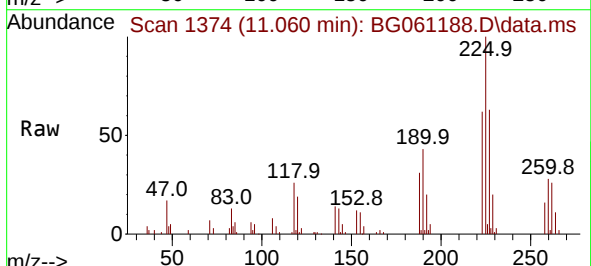
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

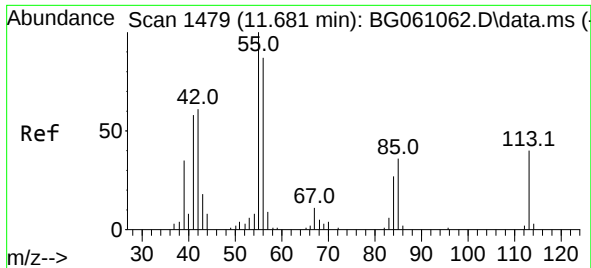
Supervised By :mohammad
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#34
Hexachlorobutadiene
Concen: 40.054 ng
RT: 11.060 min Scan# 1374
Delta R.T. -0.038 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:225 Resp: 58518
Ion Ratio Lower Upper
225 100
223 62.3 51.0 76.4
227 66.1 54.6 82.0





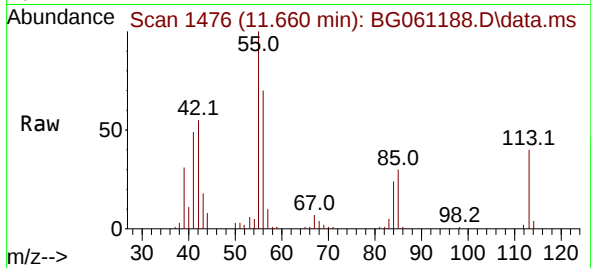
#35
Caprolactam
Concen: 42.183 ng m
RT: 11.660 min Scan# 1479
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



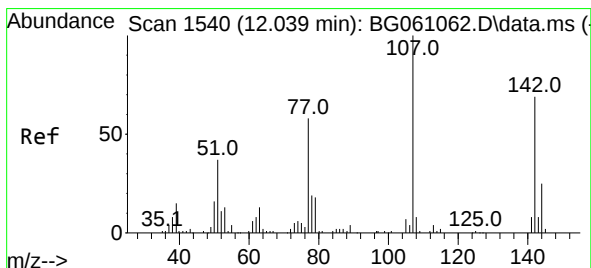
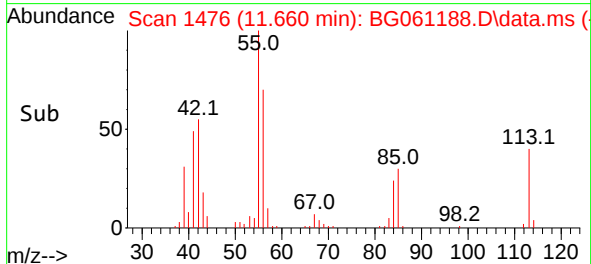
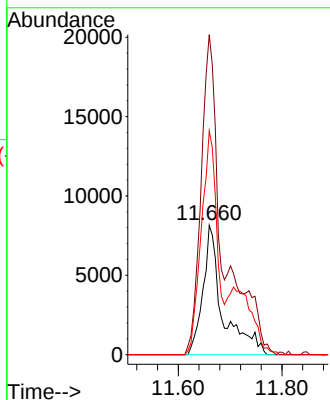
Tgt Ion:113 Resp: 2146
Ion Ratio Lower Upper
113 100
55 247.1 227.6 267.6
56 172.9 195.1 235.1

Manual Integrations

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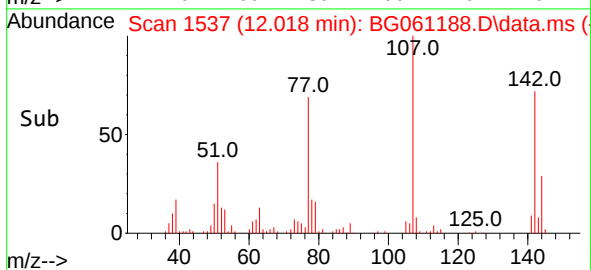
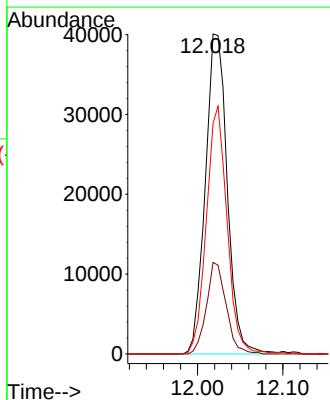
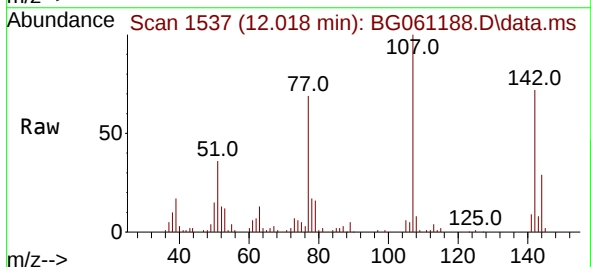
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

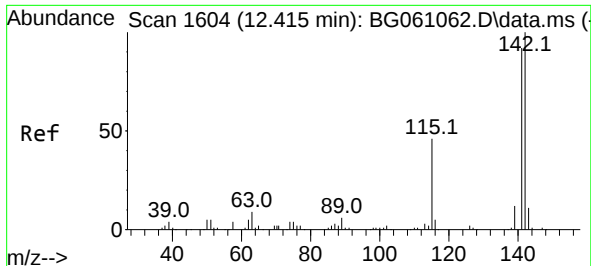
Supervised By :mohammad
ahmed
05/17/2024



#36
4-Chloro-3-methylphenol
Concen: 42.125 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:107 Resp: 71781
Ion Ratio Lower Upper
107 100
144 28.6 20.2 30.4
142 72.2 55.6 83.4





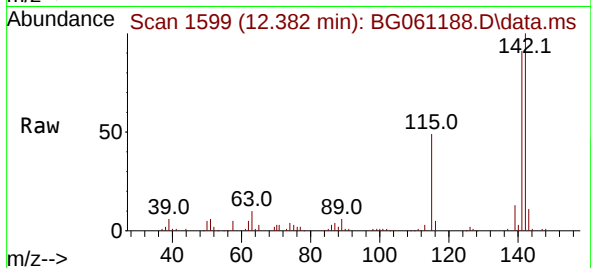
#37
2-Methylnaphthalene
Concen: 39.712 ng
RT: 12.382 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



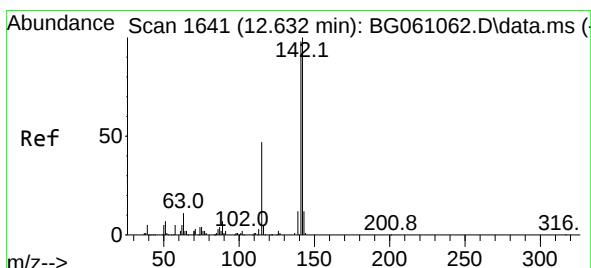
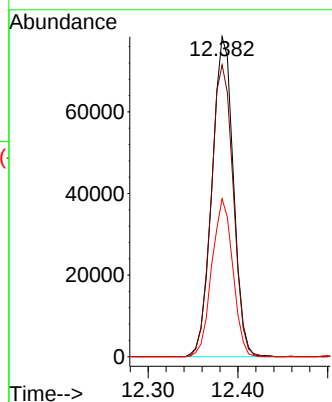
Tgt Ion:142 Resp: 12940
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.8
115 49.4 36.9 55.3

Manual Integrations

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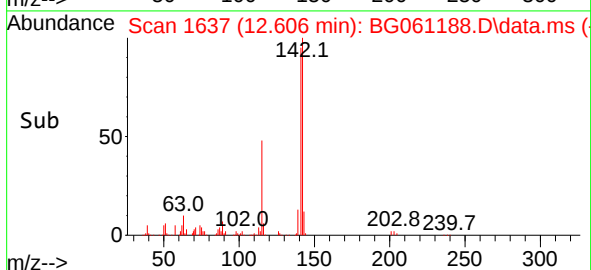
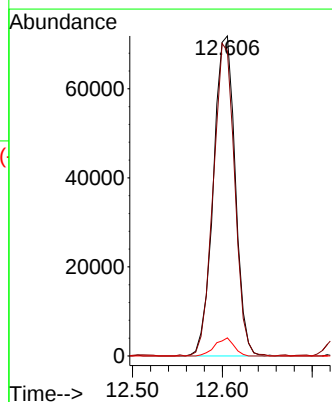
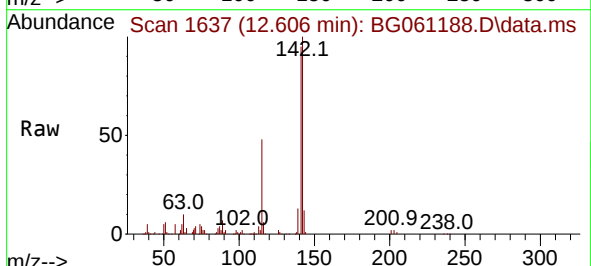
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

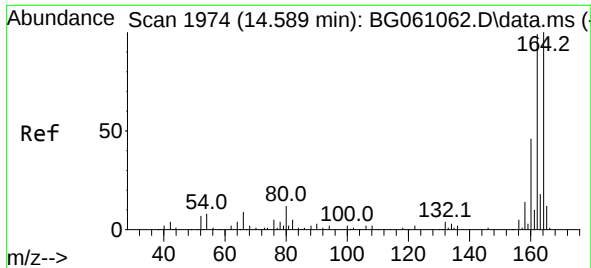
Supervised By :mohammad
ahmed
05/17/2024



#38
1-Methylnaphthalene
Concen: 36.897 ng
RT: 12.606 min Scan# 1637
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:142 Resp: 121037
Ion Ratio Lower Upper
142 100
141 95.3 78.4 117.6
116 5.7 4.3 6.5





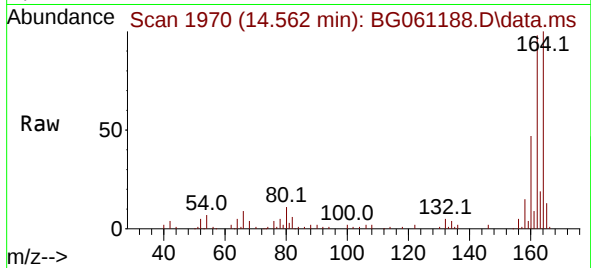
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1974
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



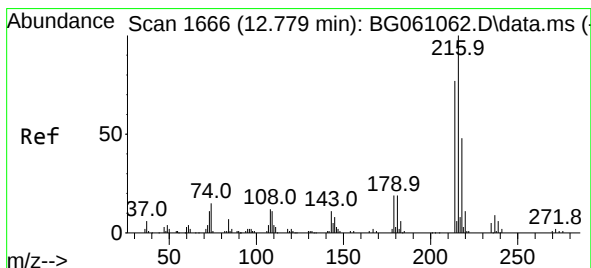
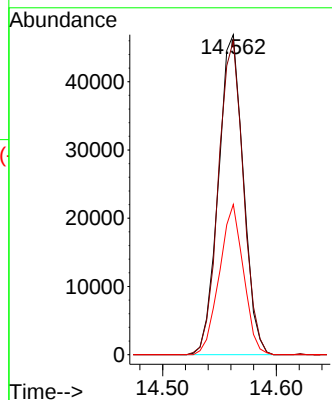
Tgt Ion:164 Resp: 7144
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.2
160 46.9 37.0 55.6

Manual Integrations

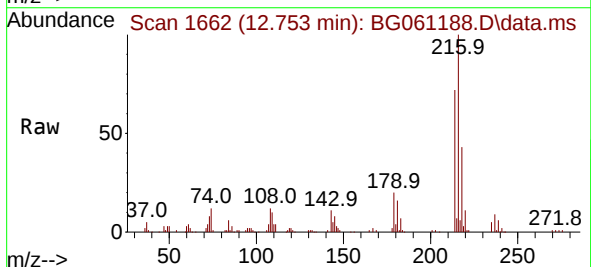
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

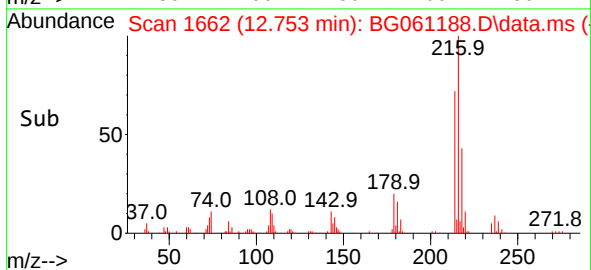
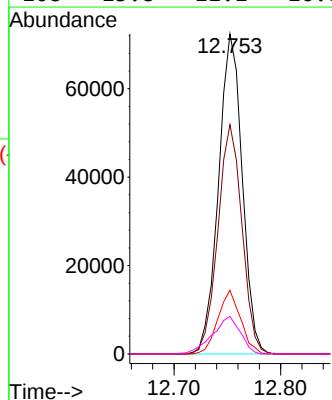
Supervised By :mohammad
ahmed
05/17/2024

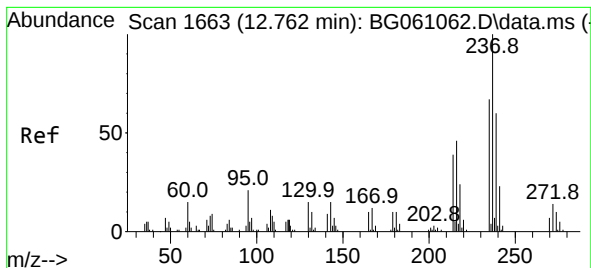


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.756 ng
RT: 12.753 min Scan# 1662
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30



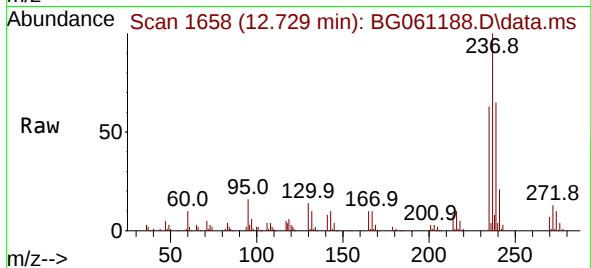
Tgt Ion:216 Resp: 111480
Ion Ratio Lower Upper
216 100
214 72.8 64.2 96.2
179 19.1 15.4 23.2
108 13.8 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 105.007 ng
RT: 12.729 min Scan# 1658
Delta R.T. -0.033 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :
BNA_G
ClientSampleId :
PB160889BS

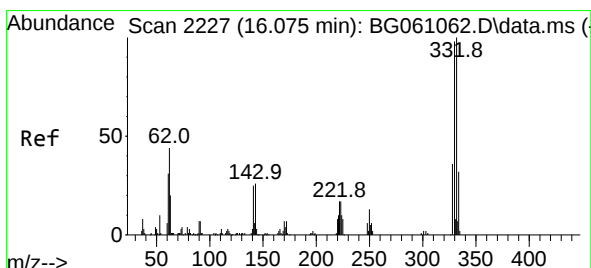
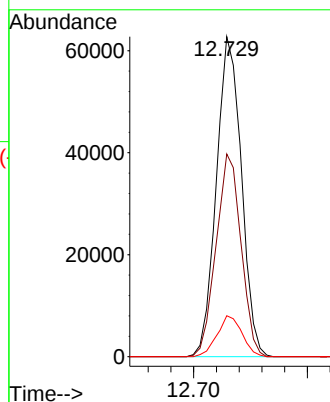
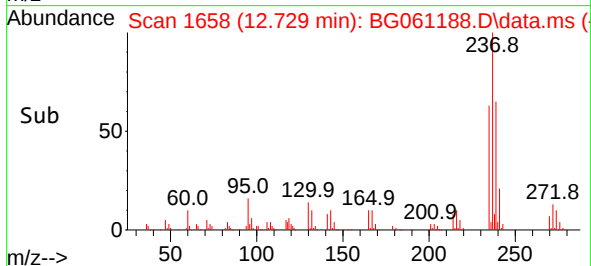


Tgt Ion:237 Resp: 9584
Ion Ratio Lower Upper
237 100
235 63.3 46.5 86.5
272 12.8 0.0 33.9

Manual Integrations
APPROVED

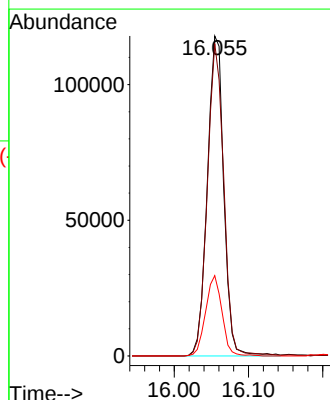
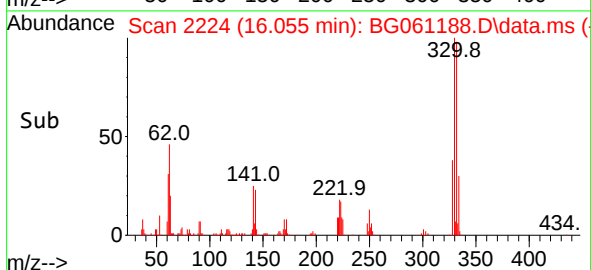
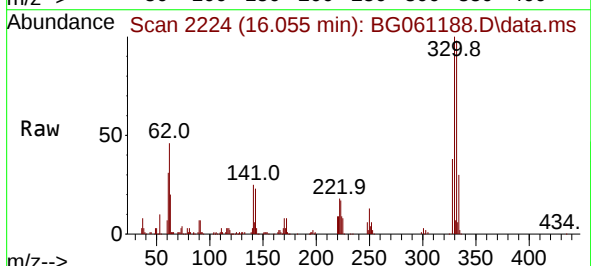
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

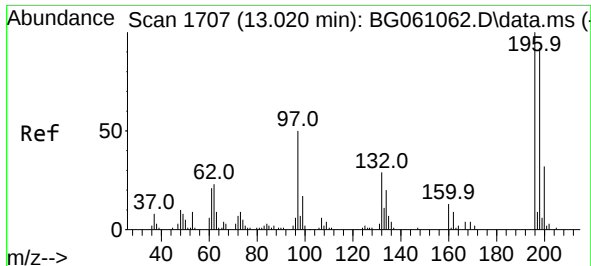
Supervised By :mohammad
ahmed
05/17/2024



#42
2,4,6-Tribromophenol
Concen: 127.159 ng
RT: 16.055 min Scan# 2224
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:330 Resp: 181585
Ion Ratio Lower Upper
330 100
332 97.4 78.6 117.8
141 25.0 20.5 30.7





#43
2,4,6-Trichlorophenol
Concen: 43.689 ng
RT: 12.993 min Scan# 1717
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

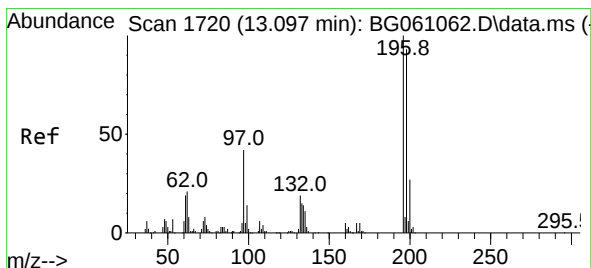
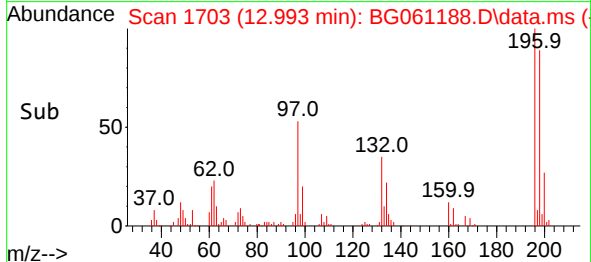
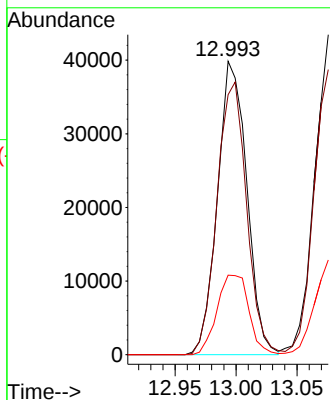
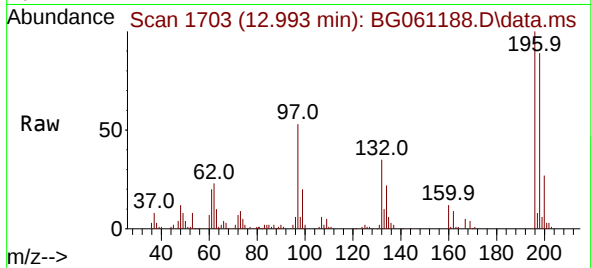
PB160889BS

Tgt Ion:196 Resp: 6687
Ion Ratio Lower Upper
196 100
198 88.6 73.8 110.6
200 27.1 25.5 38.3

Manual Integrations
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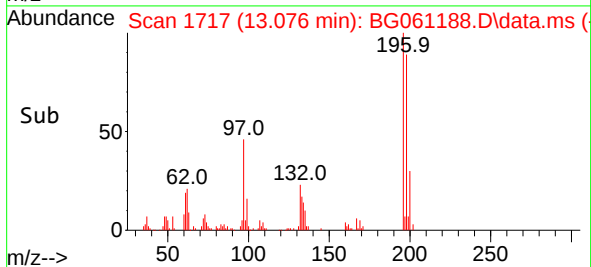
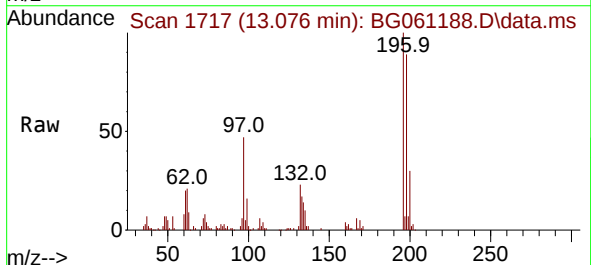
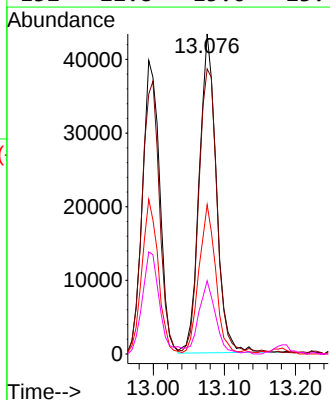
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

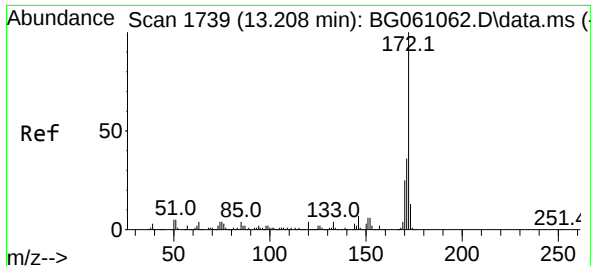
Supervised By :mohammad
ahmed
05/17/2024



#44
2,4,5-Trichlorophenol
Concen: 41.884 ng
RT: 13.076 min Scan# 1717
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:196 Resp: 72561
Ion Ratio Lower Upper
196 100
198 89.1 74.3 111.5
97 46.7 33.6 50.4
132 22.8 15.6 23.4





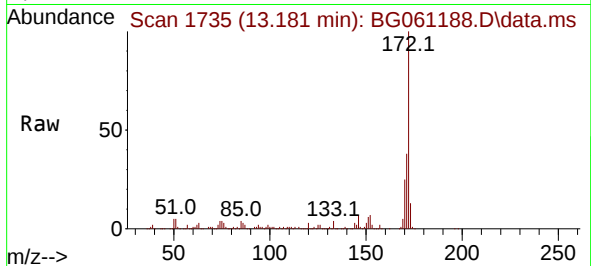
#45
2-Fluorobiphenyl
Concen: 85.165 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



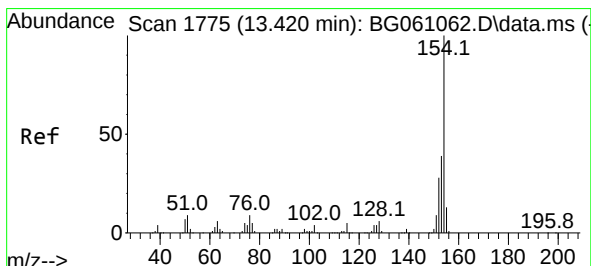
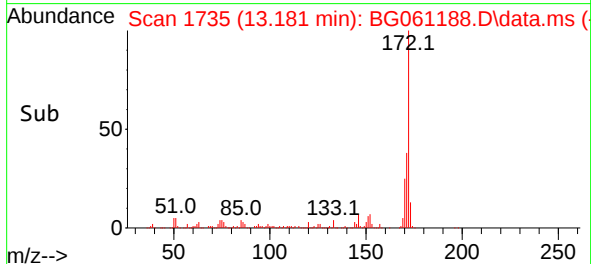
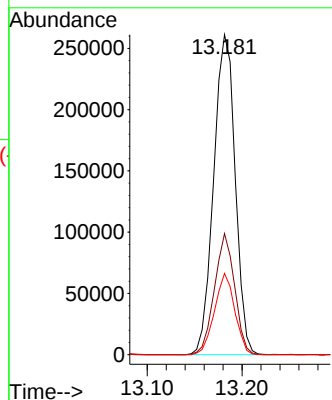
Tgt Ion:172 Resp: 411470
Ion Ratio Lower Upper
172 100
171 37.8 29.0 43.6
170 25.4 20.2 30.4

Manual Integrations

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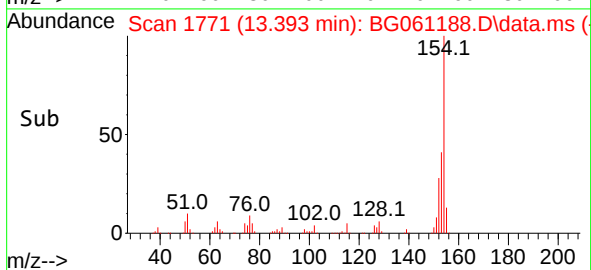
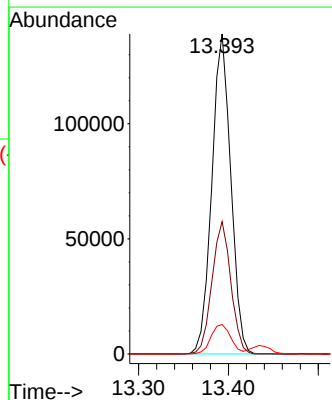
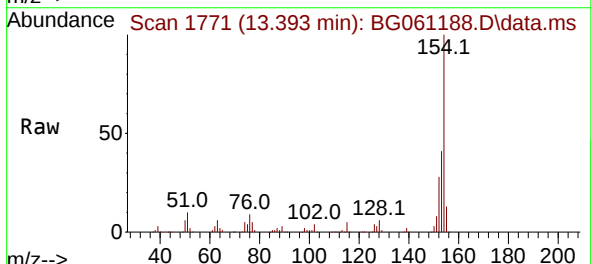
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

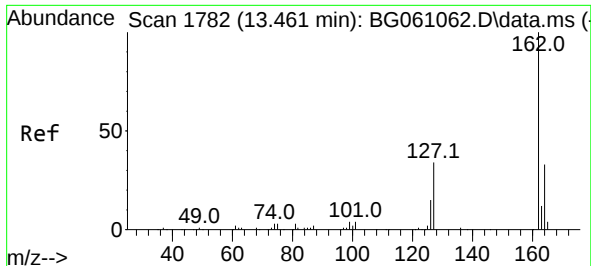
Supervised By :mohammad
ahmed
05/17/2024



#46
1,1'-Biphenyl
Concen: 44.383 ng
RT: 13.393 min Scan# 1771
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:154 Resp: 203310
Ion Ratio Lower Upper
154 100
153 41.3 19.3 59.3
76 9.2 0.0 28.8





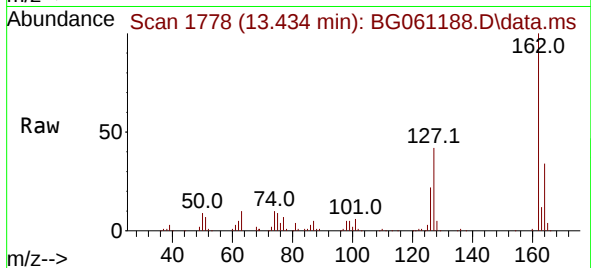
#47
2-Chloronaphthalene
Concen: 41.373 ng
RT: 13.434 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



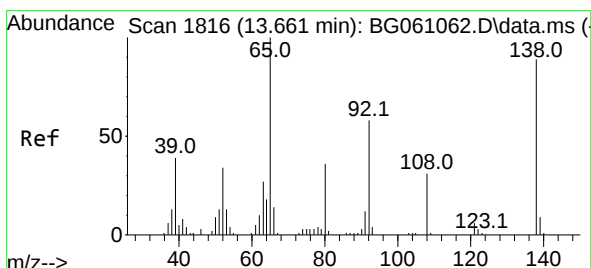
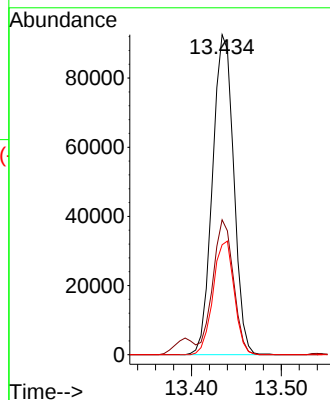
Tgt Ion:162 Resp: 15175
Ion Ratio Lower Upper
162 100
127 42.2 30.7 46.1
164 34.4 26.8 40.2

Manual Integrations

APPROVED

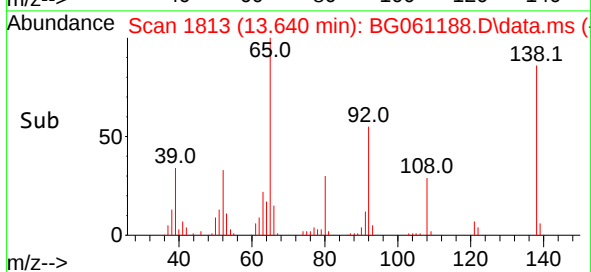
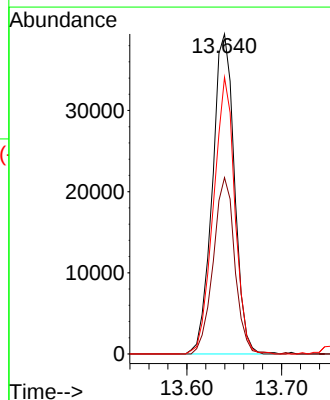
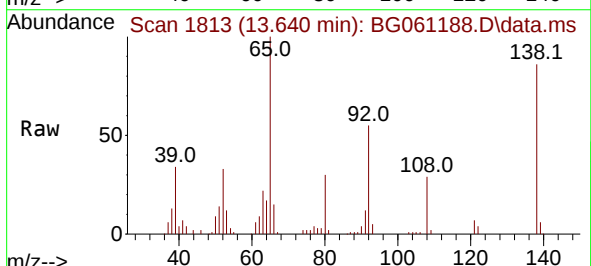
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

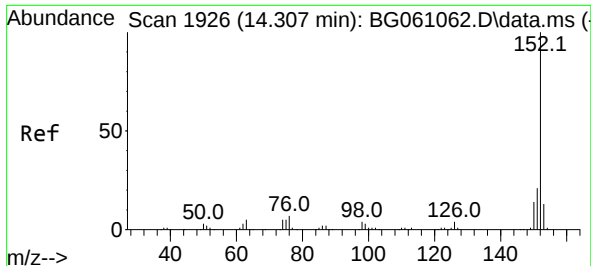
Supervised By :mohammad
ahmed
05/17/2024



#48
2-Nitroaniline
Concen: 46.783 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion: 65 Resp: 63678
Ion Ratio Lower Upper
65 100
92 55.1 46.7 70.1
138 86.5 71.4 107.2





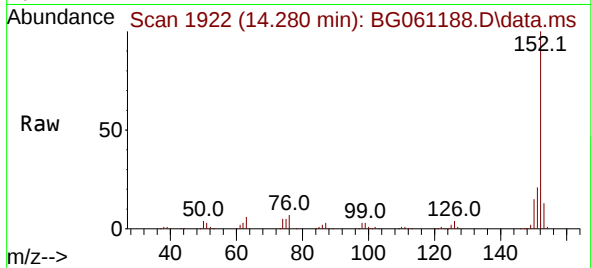
#49
Acenaphthylene
Concen: 45.773 ng
RT: 14.280 min Scan# 1926
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



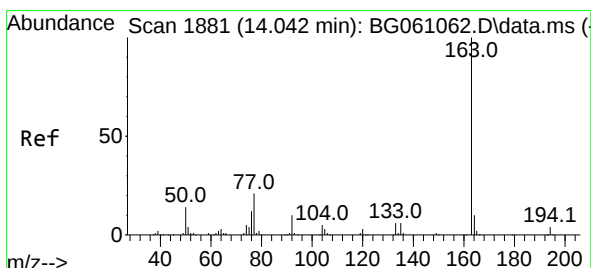
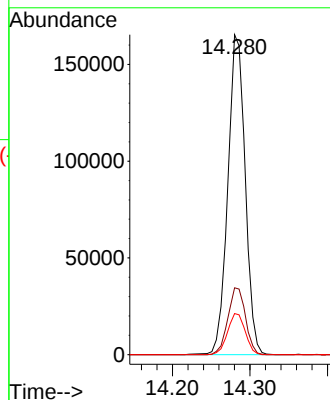
Tgt Ion:152 Resp: 25787
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 12.9 10.6 15.8

Manual Integrations

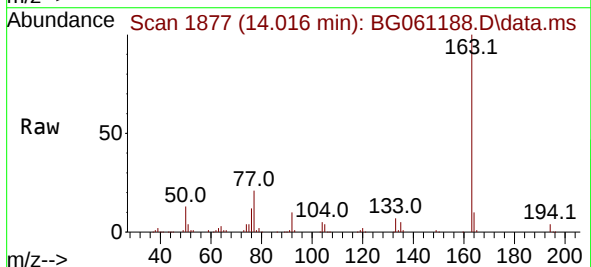
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

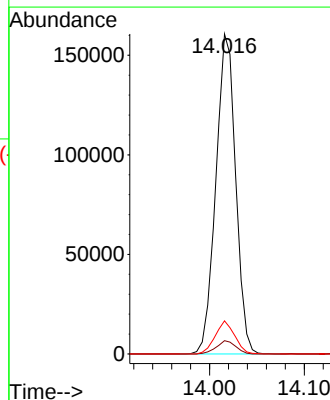
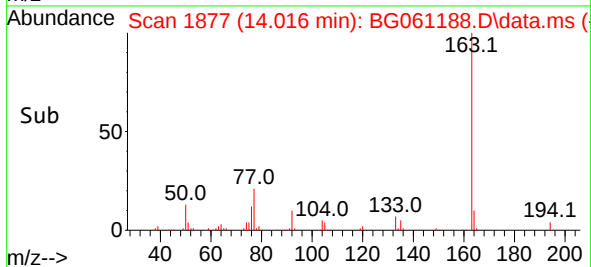
Supervised By :mohammad
ahmed
05/17/2024

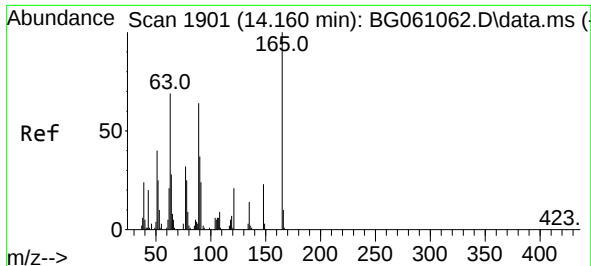


#50
Dimethylphthalate
Concen: 42.340 ng
RT: 14.016 min Scan# 1877
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30



Tgt Ion:163 Resp: 233641
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 7.8 11.8





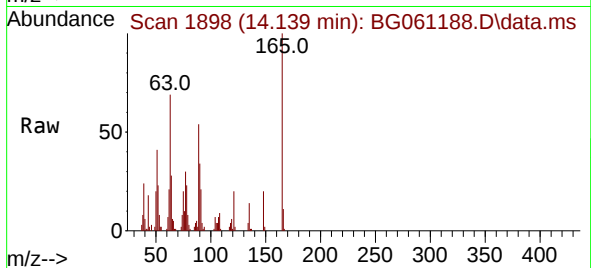
#51
2,6-Dinitrotoluene
Concen: 41.800 ng
RT: 14.139 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS

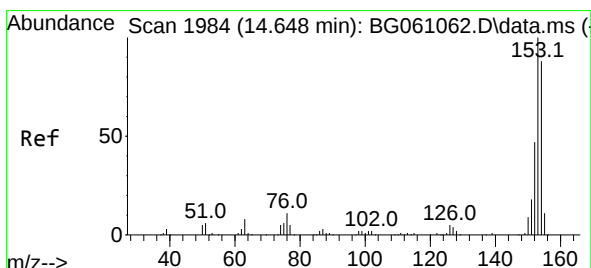
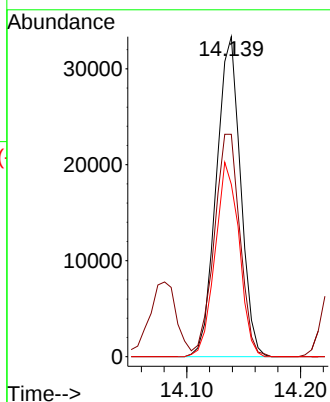
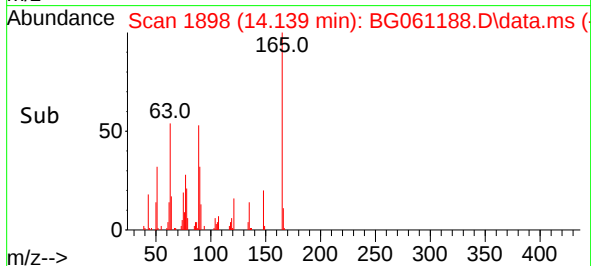


Tgt Ion:165 Resp: 4933
Ion Ratio Lower Upper
165 100
63 69.5 60.0 90.0
89 53.8 50.9 76.3

Manual Integrations
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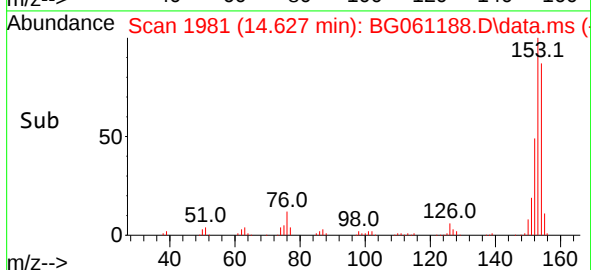
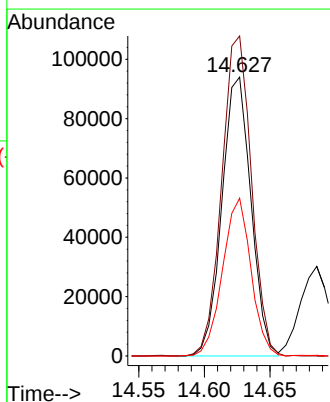
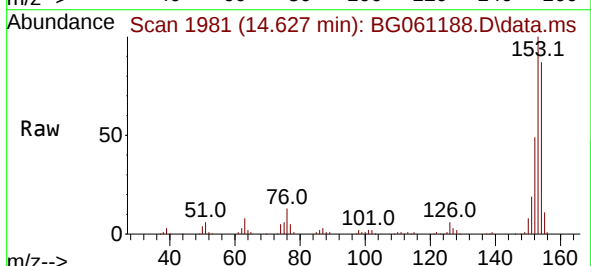
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

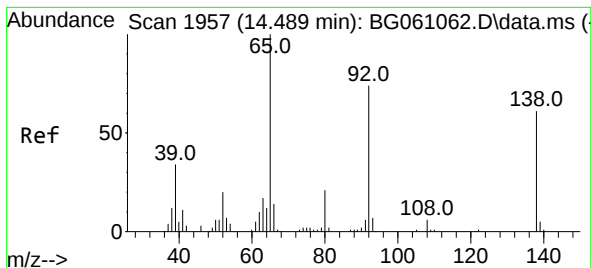
Supervised By :mohammad
ahmed
05/17/2024



#52
Acenaphthene
Concen: 41.149 ng
RT: 14.627 min Scan# 1981
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:154 Resp: 144617
Ion Ratio Lower Upper
154 100
153 114.8 91.0 136.4
152 56.6 43.1 64.7





#53
3-Nitroaniline
Concen: 29.101 ng
RT: 14.462 min Scan# 1953
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS

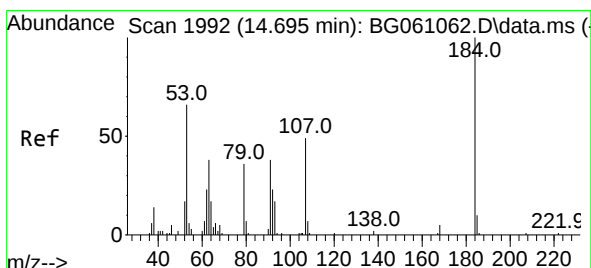
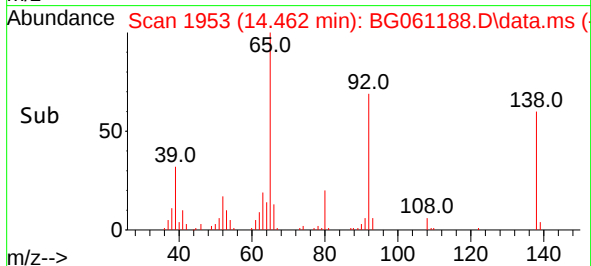
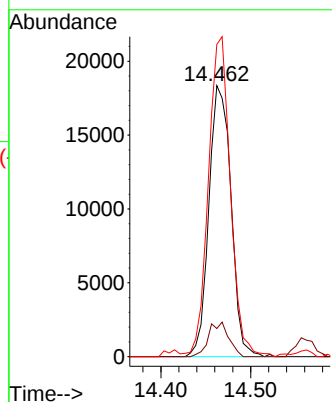
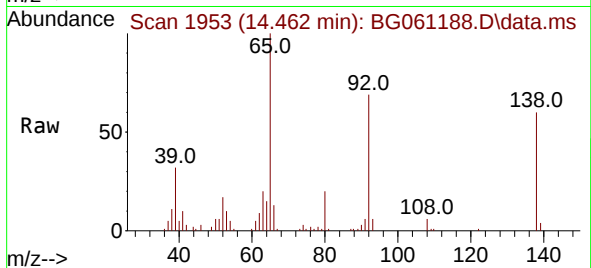
Tgt Ion:138 Resp: 31429
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 115.2 98.0 147.0

Manual Integrations

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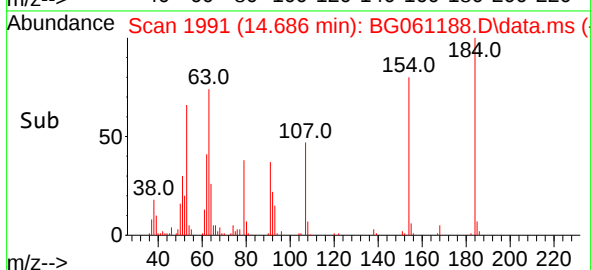
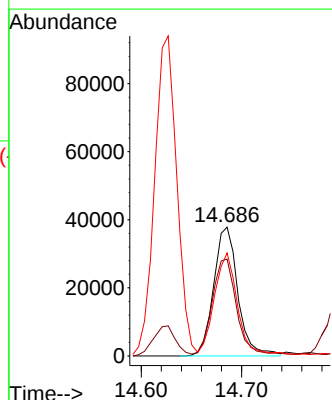
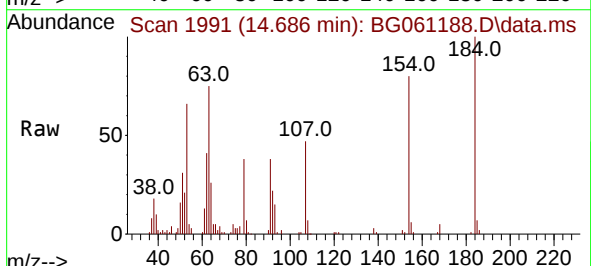
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

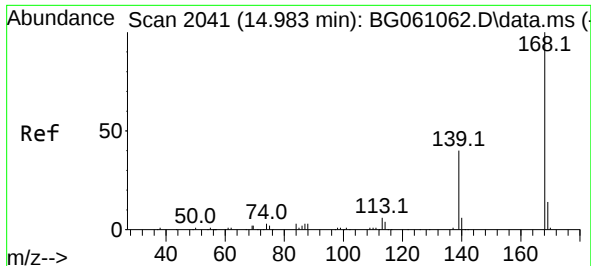
Supervised By :mohammad
ahmed
05/17/2024



#54
2,4-Dinitrophenol
Concen: 75.910 ng
RT: 14.686 min Scan# 1991
Delta R.T. -0.009 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:184 Resp: 63416
Ion Ratio Lower Upper
184 100
63 75.3 62.6 93.8
154 79.9 61.4 92.0





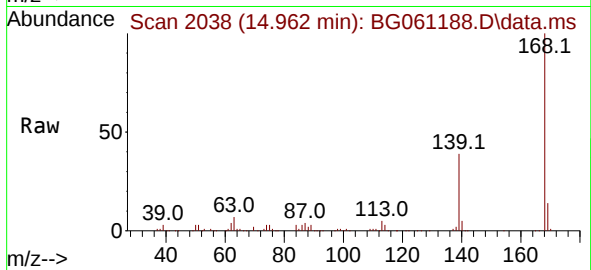
#55
Dibenzofuran
Concen: 43.531 ng
RT: 14.962 min Scan# 2038
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS

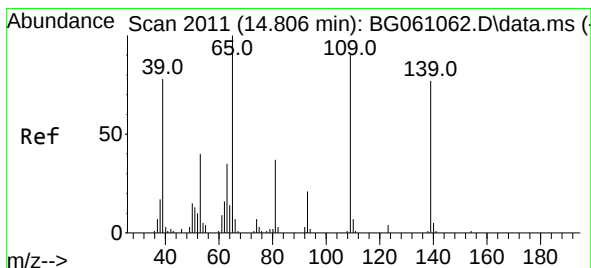
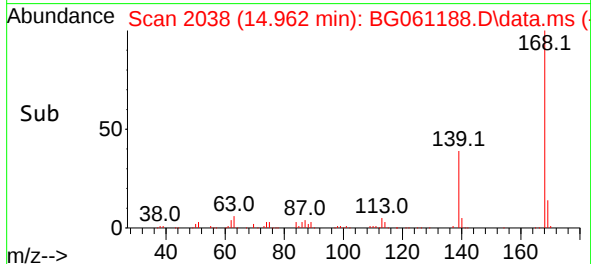
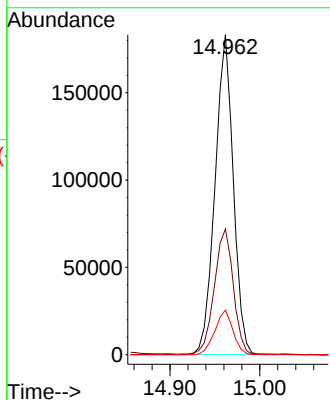


Tgt Ion:168 Resp: 258410
Ion Ratio Lower Upper
168 100
139 39.3 32.2 48.4
169 14.0 11.4 17.2

Manual Integrations
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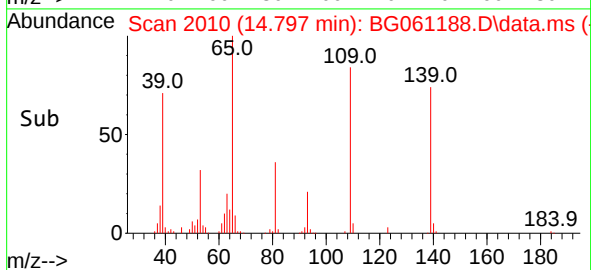
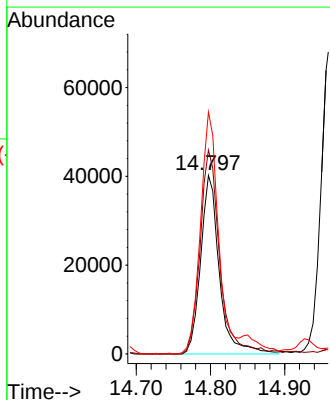
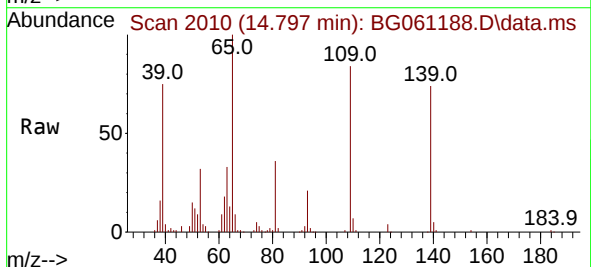
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

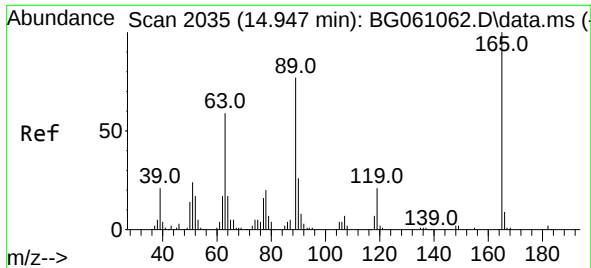
Supervised By :mohammad
ahmed
05/17/2024



#56
4-Nitrophenol
Concen: 80.872 ng
RT: 14.797 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:139 Resp: 70585
Ion Ratio Lower Upper
139 100
109 114.1 97.7 137.7
65 135.5 110.7 150.7





#57
2,4-Dinitrotoluene
Concen: 42.756 ng
RT: 14.932 min Scan# 2035
Delta R.T. -0.015 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

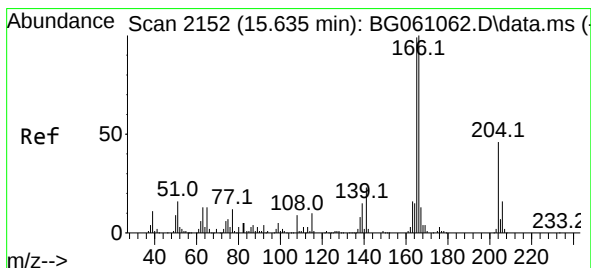
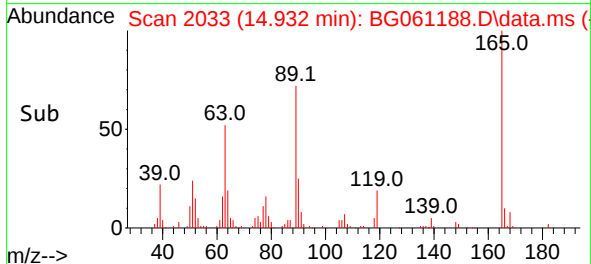
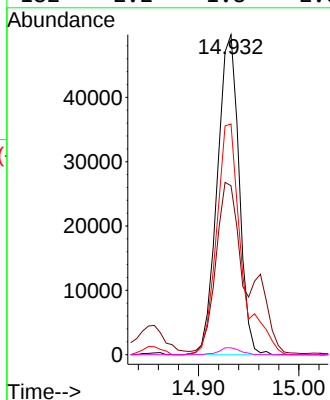
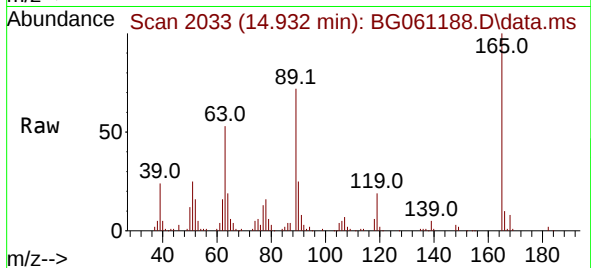
PB160889BS

Tgt Ion:165 Resp: 7466
Ion Ratio Lower Upper
165 100
63 52.8 47.3 70.9
89 72.1 61.8 92.8
182 2.2 1.8 2.6

Manual Integrations
APPROVED

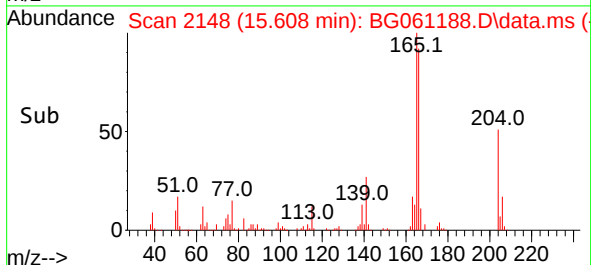
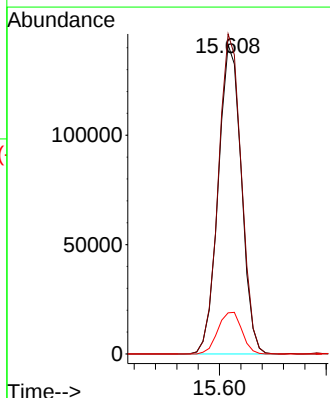
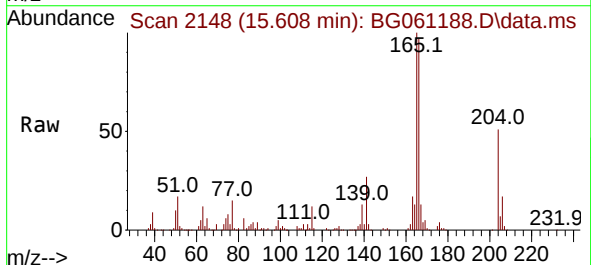
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

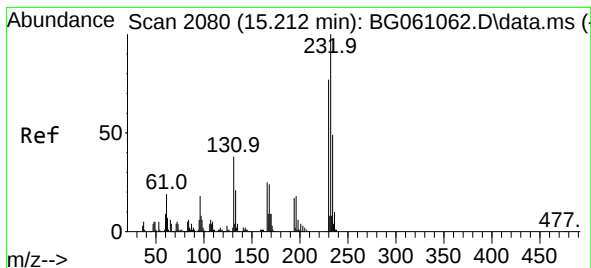
Supervised By :mohammad
ahmed
05/17/2024



#58
Fluorene
Concen: 41.359 ng
RT: 15.608 min Scan# 2148
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:166 Resp: 212453
Ion Ratio Lower Upper
166 100
165 103.5 78.9 118.3
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.851 ng
RT: 15.191 min Scan# 2080
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS

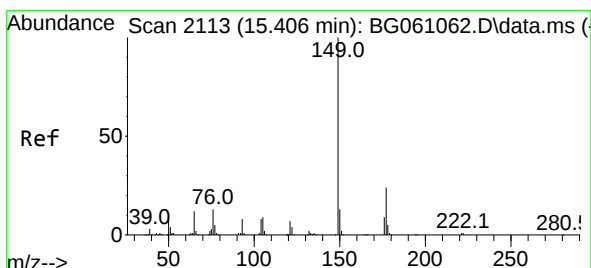
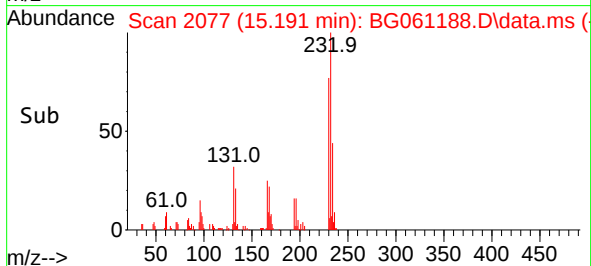
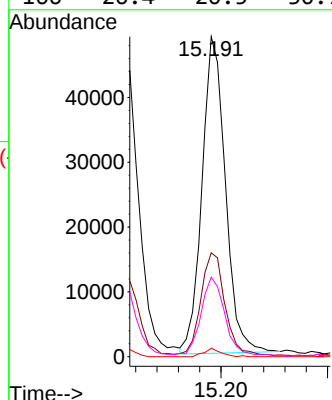
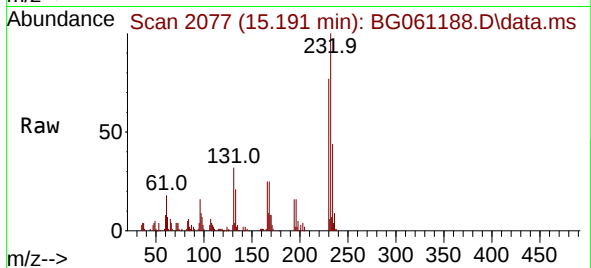
Tgt Ion:232 Resp: 74630
Ion Ratio Lower Upper
232 100
131 34.0 27.0 40.4
130 1.9 1.7 2.5
166 26.4 20.5 30.7

Manual Integrations

APPROVED

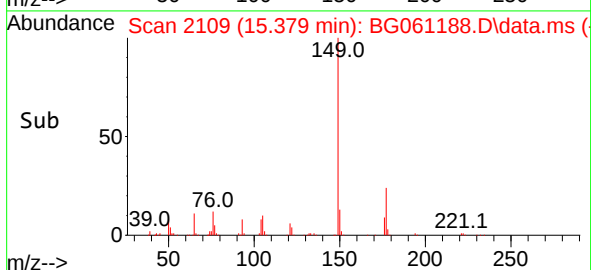
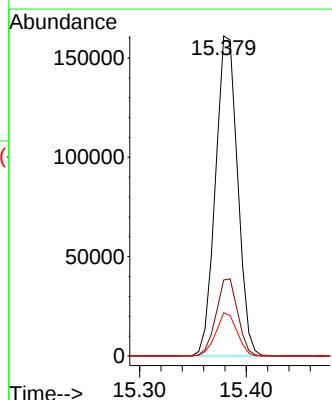
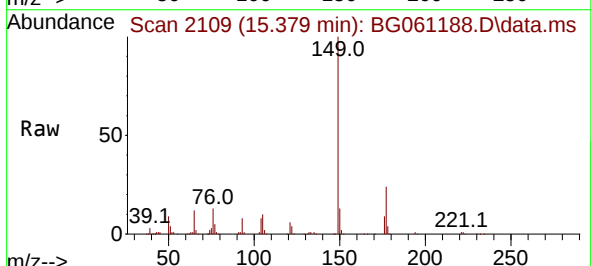
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

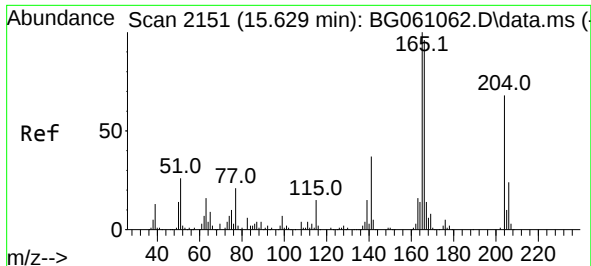
Supervised By :mohammad
ahmed
05/17/2024



#60
Diethylphthalate
Concen: 41.608 ng
RT: 15.379 min Scan# 2109
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:149 Resp: 231532
Ion Ratio Lower Upper
149 100
177 23.8 19.1 28.7
150 13.5 10.6 16.0





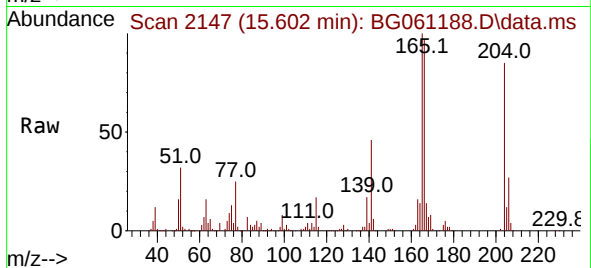
#61
4-Chlorophenyl-phenylether
Concen: 42.714 ng
RT: 15.602 min Scan# 2147
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



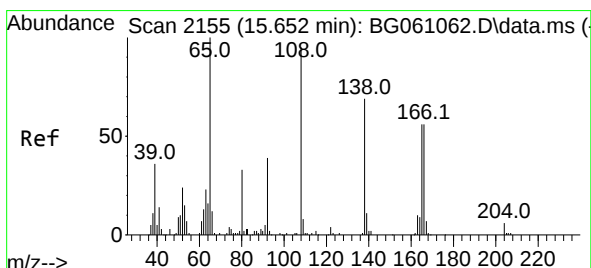
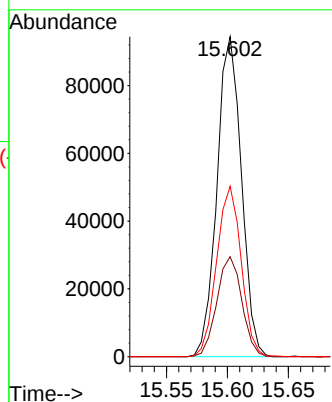
Tgt Ion:204 Resp: 131749
Ion Ratio Lower Upper
204 100
206 31.2 27.8 41.6
141 53.3 42.9 64.3

Manual Integrations

APPROVED

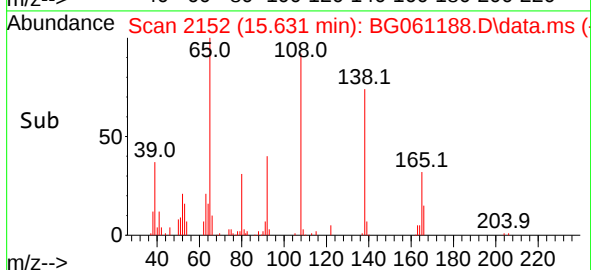
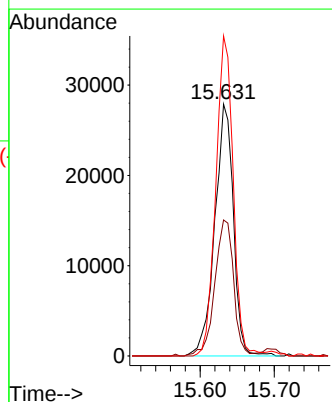
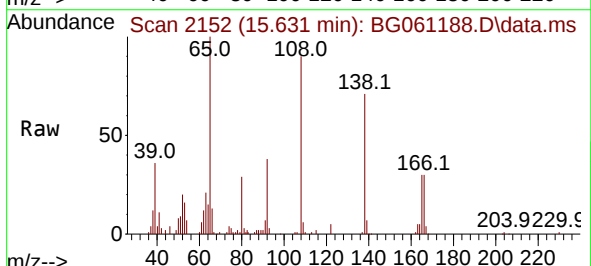
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

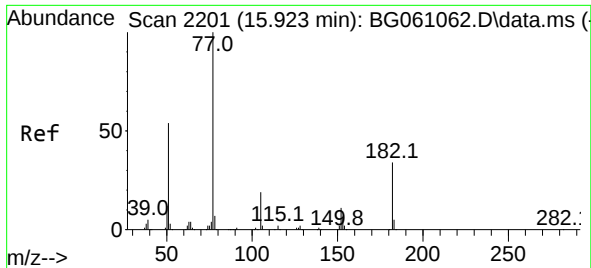
Supervised By :mohammad
ahmed
05/17/2024



#62
4-Nitroaniline
Concen: 41.435 ng
RT: 15.631 min Scan# 2152
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:138 Resp: 48534
Ion Ratio Lower Upper
138 100
92 54.0 35.5 75.5
108 127.1 116.2 156.2





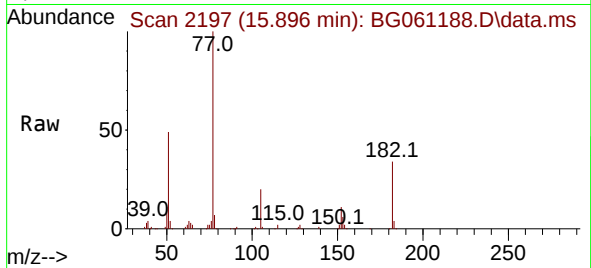
#63
Azobenzene
Concen: 44.397 ng
RT: 15.896 min Scan# 2197
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



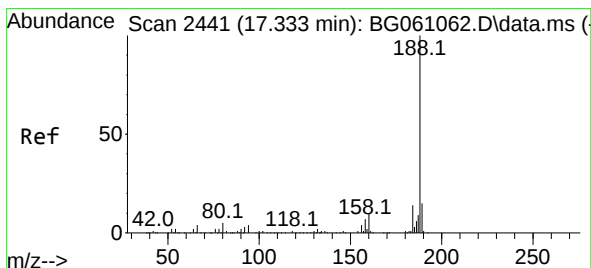
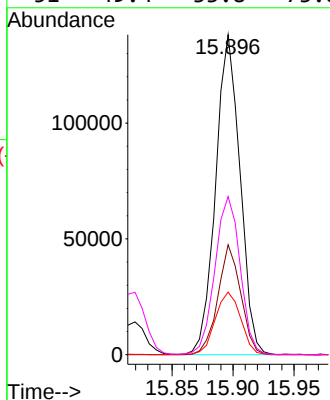
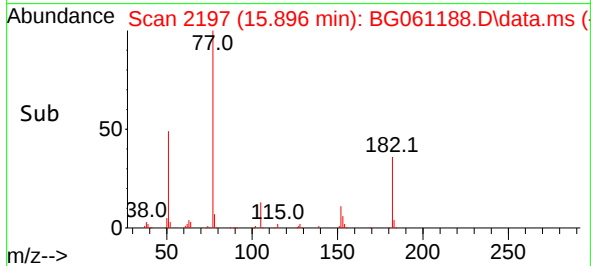
Tgt Ion: 77 Resp: 192319
Ion Ratio Lower Upper
77 100
182 34.4 13.5 53.5
105 19.5 0.0 39.3
51 49.4 33.8 73.8

Manual Integrations

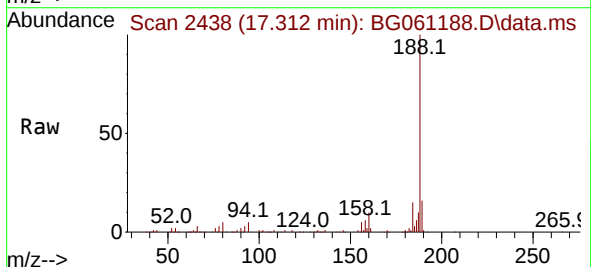
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

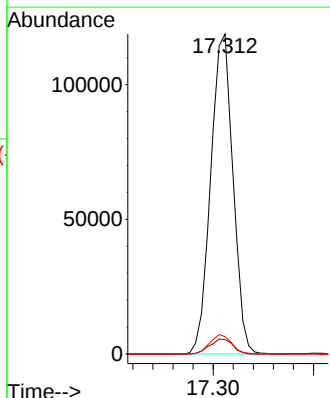
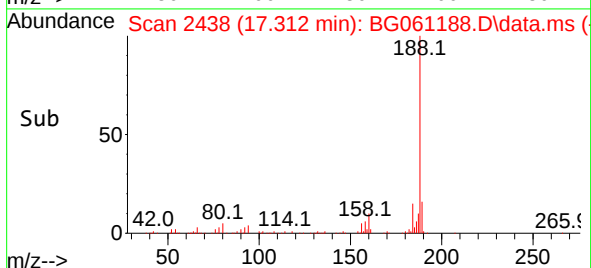
Supervised By :mohammad
ahmed
05/17/2024

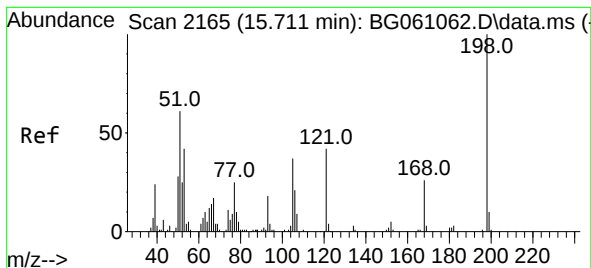


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2438
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30



Tgt Ion:188 Resp: 183201
Ion Ratio Lower Upper
188 100
94 4.5 3.6 5.4
80 5.4 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 43.643 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.015 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS

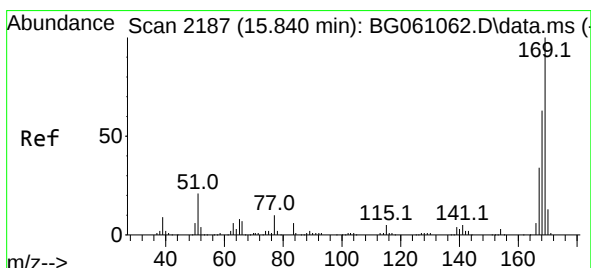
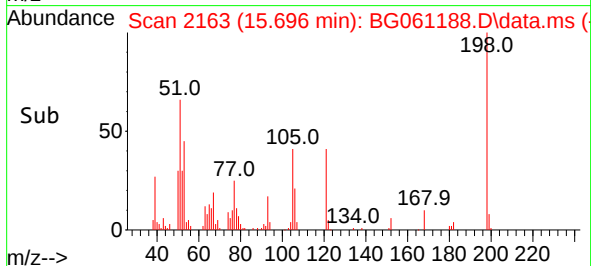
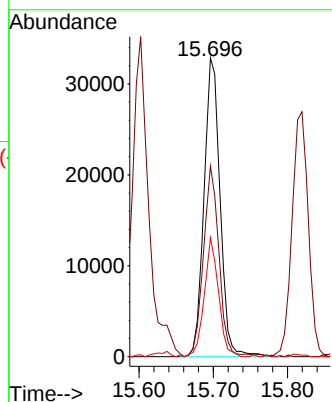
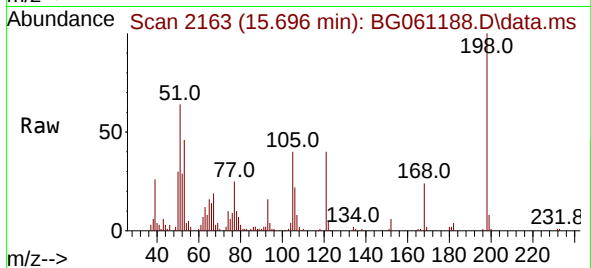
Tgt Ion:198 Resp: 49608
Ion Ratio Lower Upper
198 100
51 63.7 41.2 81.2
105 39.8 16.7 56.7

Manual Integrations

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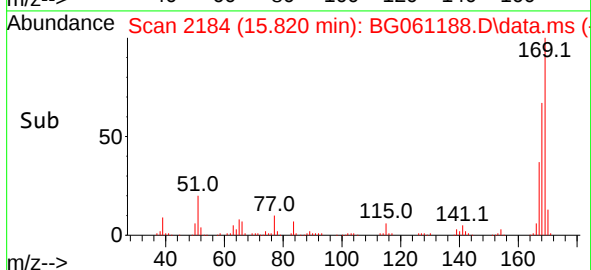
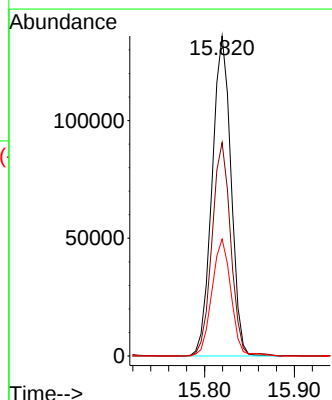
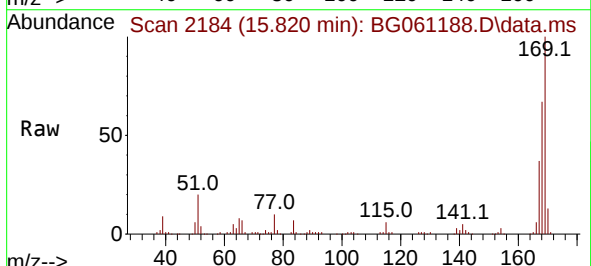
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

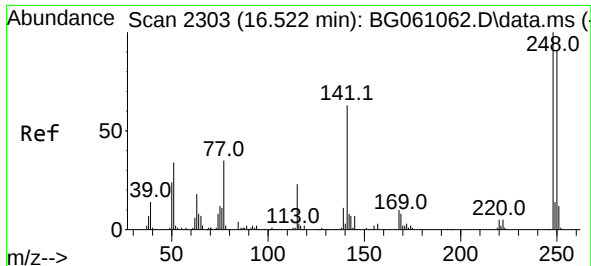
Supervised By :mohammad
ahmed
05/17/2024



#66
n-Nitrosodiphenylamine
Concen: 43.744 ng
RT: 15.820 min Scan# 2184
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:169 Resp: 198731
Ion Ratio Lower Upper
169 100
168 66.7 50.6 75.8
167 36.6 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 43.885 ng
RT: 16.495 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS

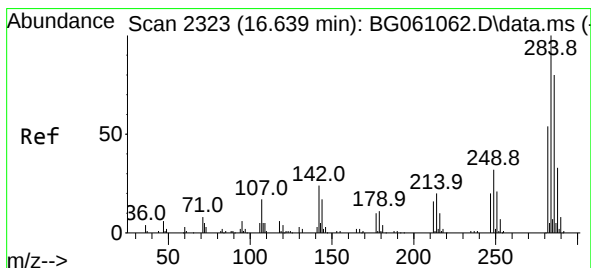
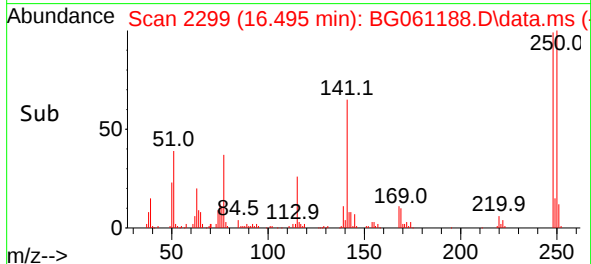
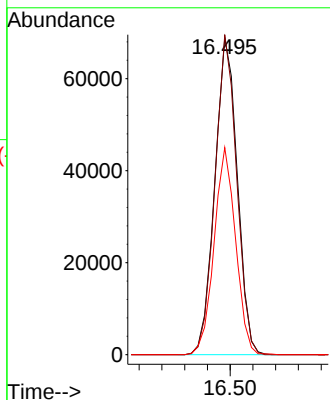
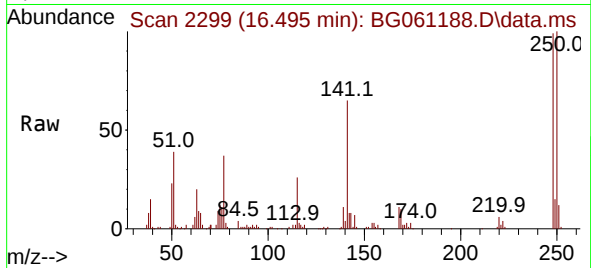
Tgt Ion:248 Resp: 94710
Ion Ratio Lower Upper
248 100
250 100.9 73.0 109.4
141 65.3 50.8 76.2

Manual Integrations

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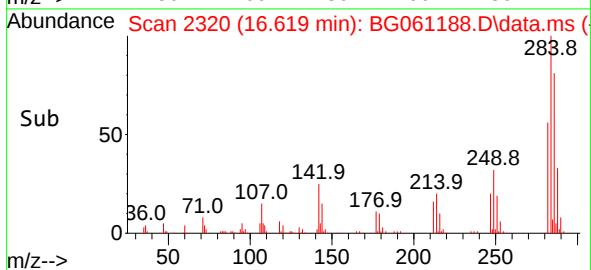
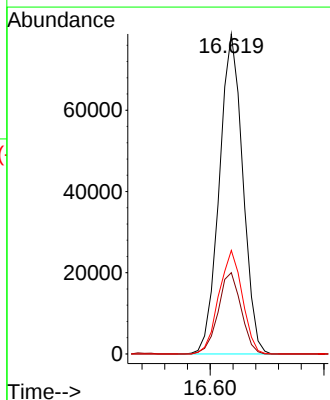
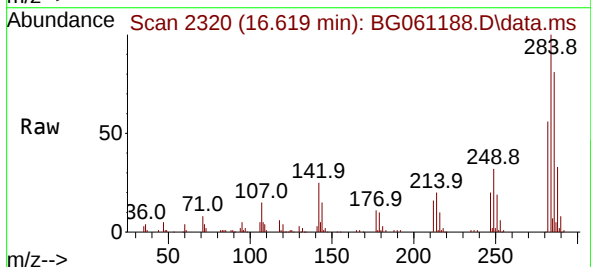
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

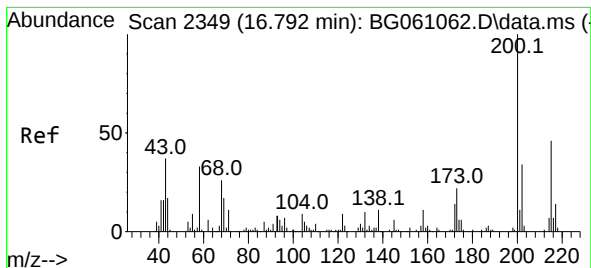
Supervised By :mohammad
ahmed
05/17/2024



#68
Hexachlorobenzene
Concen: 42.078 ng
RT: 16.619 min Scan# 2320
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:284 Resp: 113028
Ion Ratio Lower Upper
284 100
142 25.4 19.2 28.8
249 32.4 25.4 38.2





#69

Atrazine

Concen: 49.317 ng

RT: 16.771 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG061188.D

Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS

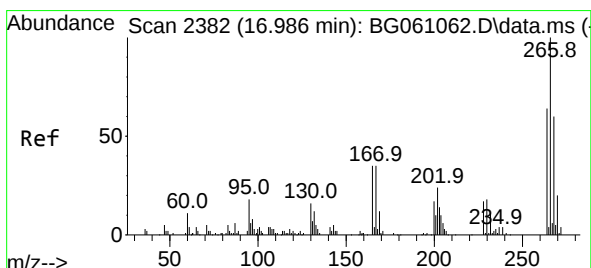
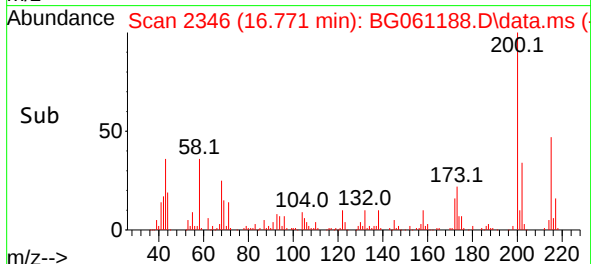
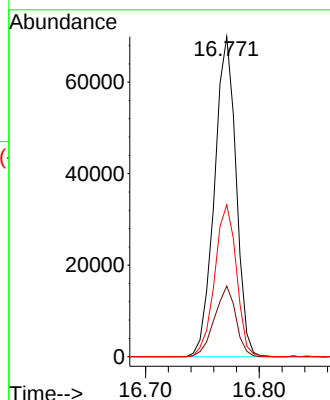
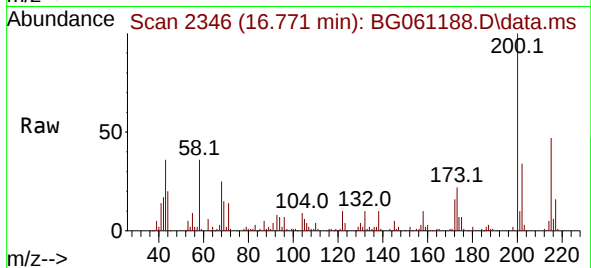
Tgt Ion:200 Resp: 92398
Ion Ratio Lower Upper
200 100
173 22.1 2.0 42.0
215 47.4 26.2 66.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Supervised By :mohammad
ahmed
05/17/2024



#70

Pentachlorophenol

Concen: 68.901 ng

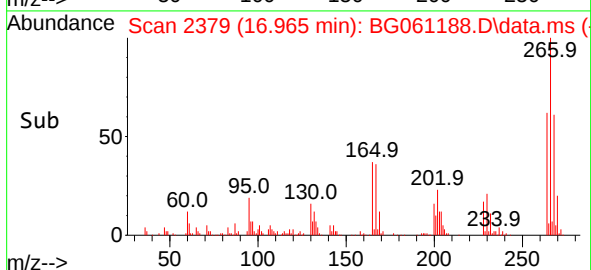
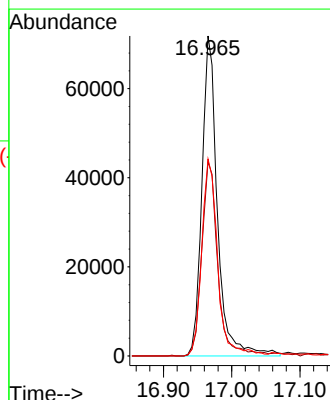
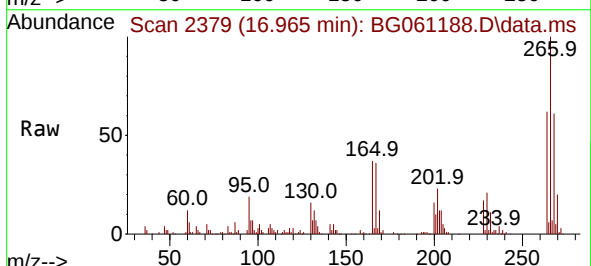
RT: 16.965 min Scan# 2379

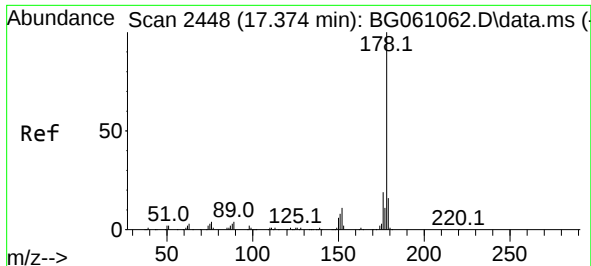
Delta R.T. -0.021 min

Lab File: BG061188.D

Acq: 14 May 2024 13:30

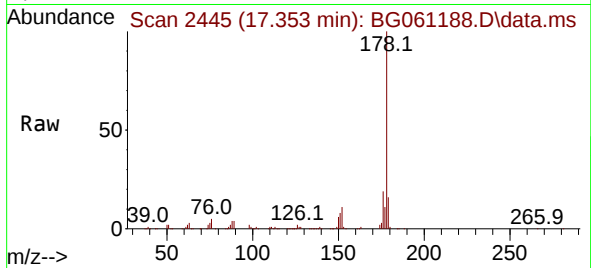
Tgt Ion:266 Resp: 113702
Ion Ratio Lower Upper
266 100
268 60.7 47.8 71.8
264 61.5 51.5 77.3





#71
Phenanthrene
Concen: 45.067 ng
RT: 17.353 min Scan# 2445
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :
BNA_G
ClientSampleId :
PB160889BS

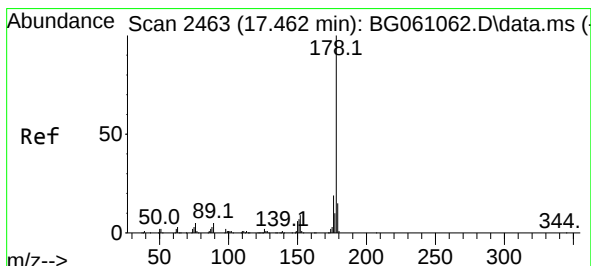
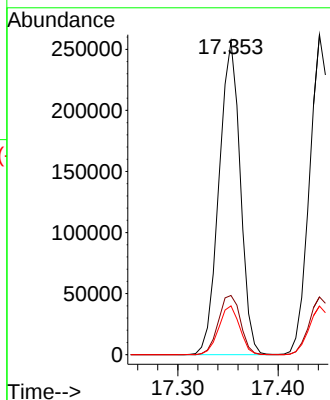
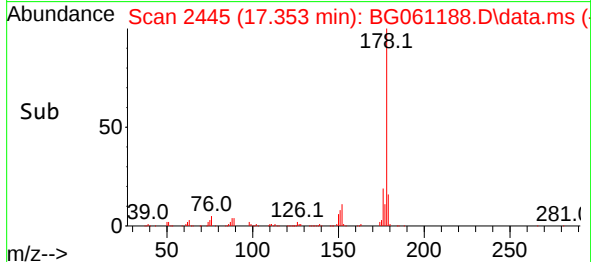


Tgt Ion:178 Resp: 377514
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.6 12.6 19.0

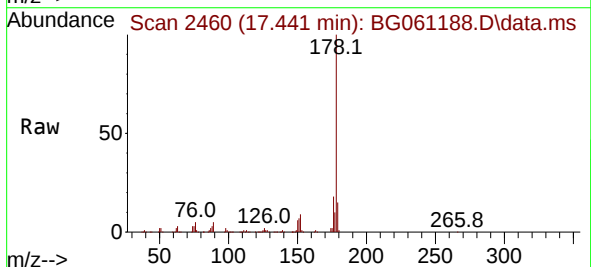
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

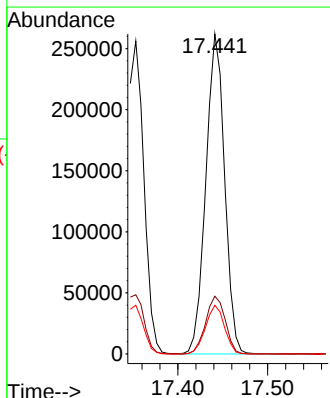
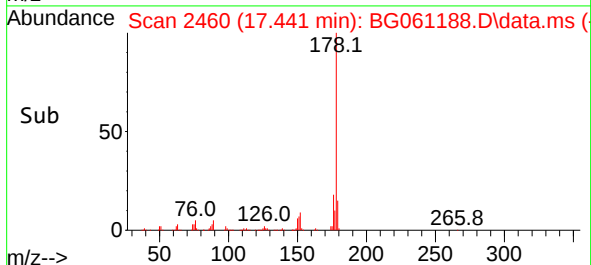
Supervised By :mohammad
ahmed
05/17/2024

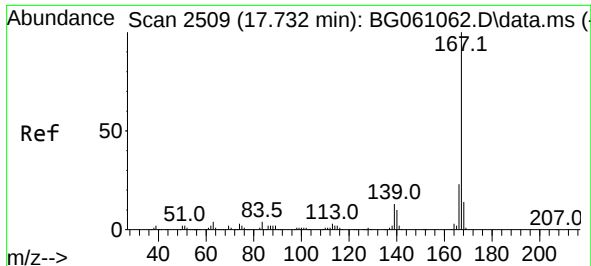


#72
Anthracene
Concen: 45.538 ng
RT: 17.441 min Scan# 2460
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30



Tgt Ion:178 Resp: 380634
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 15.2 12.0 18.0





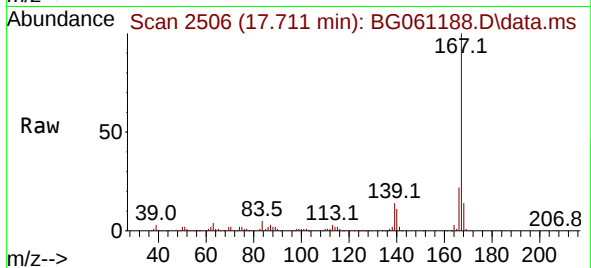
#73
 Carbazole
 Concen: 44.058 ng
 RT: 17.711 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG061188.D
 Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



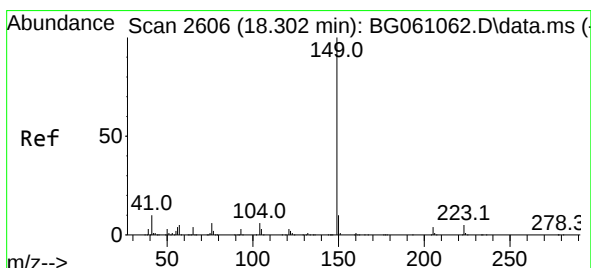
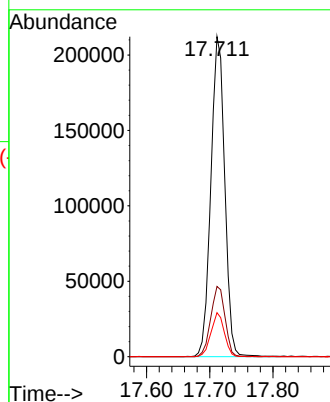
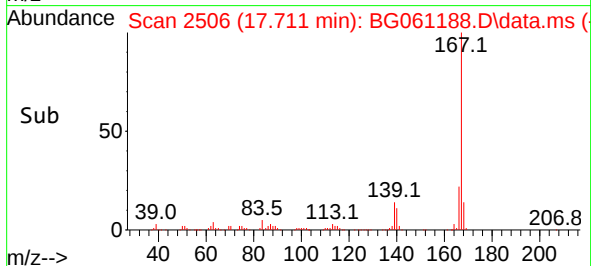
Tgt Ion:167 Resp: 323792
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.7 28.1
 139 13.8 10.6 15.8

Manual Integrations

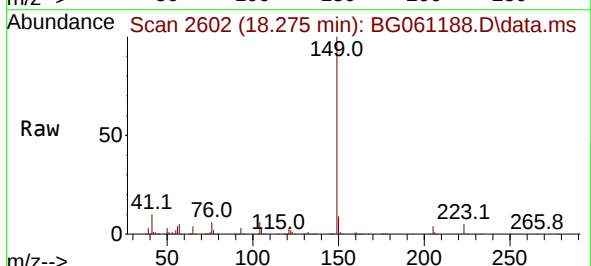
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

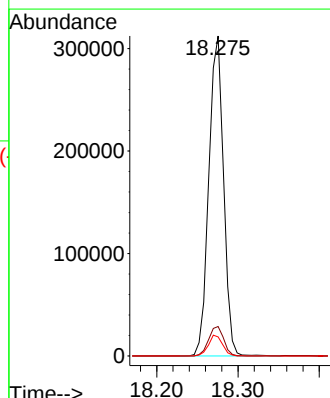
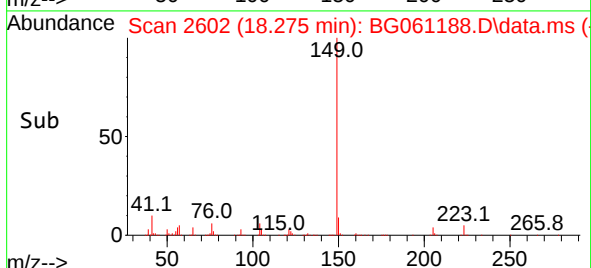
Supervised By :mohammad
 ahmed
 05/17/2024

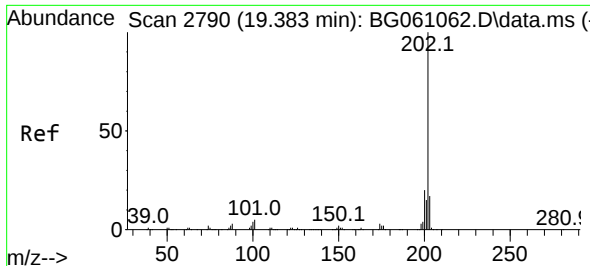


#74
 Di-n-butylphthalate
 Concen: 44.896 ng
 RT: 18.275 min Scan# 2602
 Delta R.T. -0.027 min
 Lab File: BG061188.D
 Acq: 14 May 2024 13:30



Tgt Ion:149 Resp: 392341
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 6.0 5.0 7.6





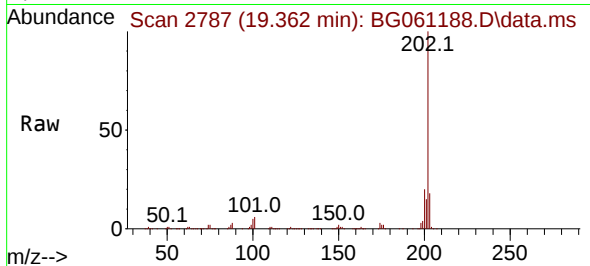
#75
Fluoranthene
Concen: 43.480 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



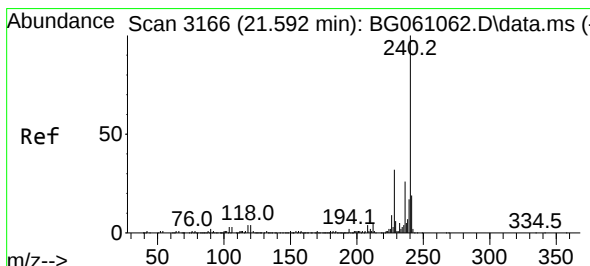
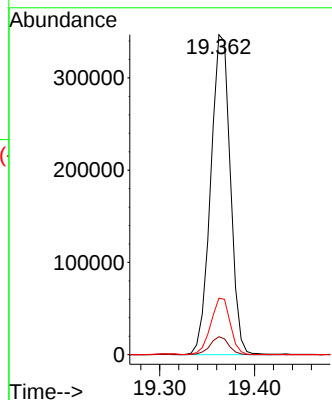
Tgt Ion:202 Resp: 498969
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 17.7 0.0 37.1

Manual Integrations

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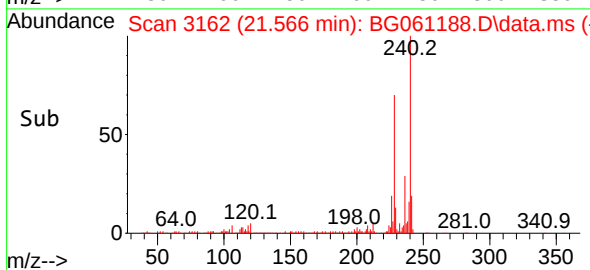
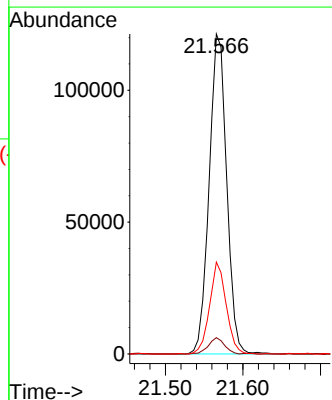
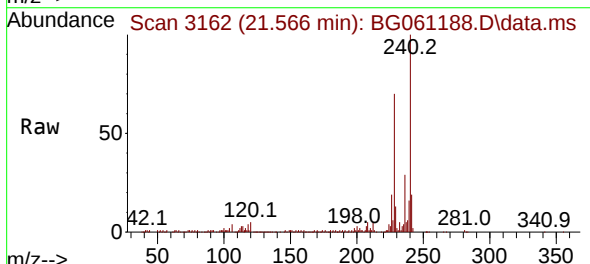
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

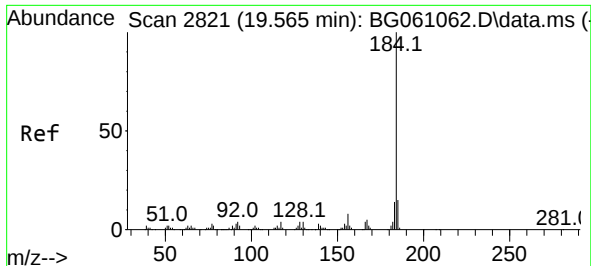
Supervised By :mohammad
ahmed
05/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

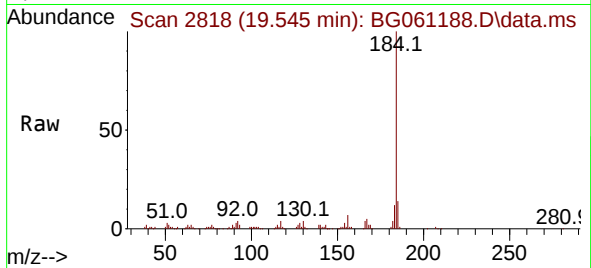
Tgt Ion:240 Resp: 190356
Ion Ratio Lower Upper
240 100
120 5.1 3.2 4.8#
236 28.7 21.0 31.6





#77
Benzidine
Concen: 31.168 ng
RT: 19.545 min Scan# 2818
Delta R.T. -0.020 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :
BNA_G
ClientSampleId :
PB160889BS

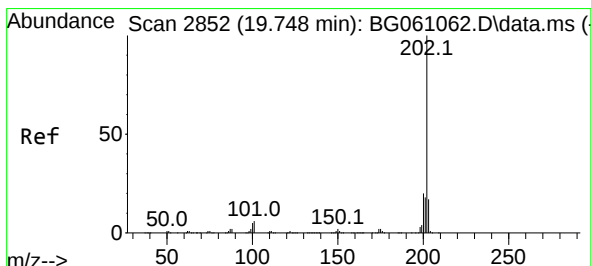
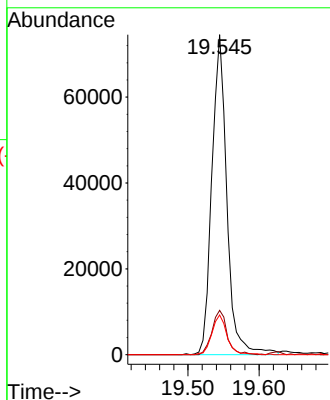
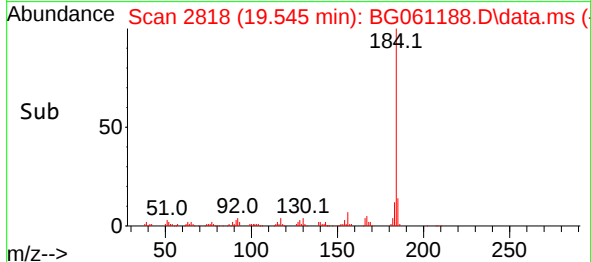


Tgt Ion:184 Resp: 109129
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 12.4 10.9 16.3

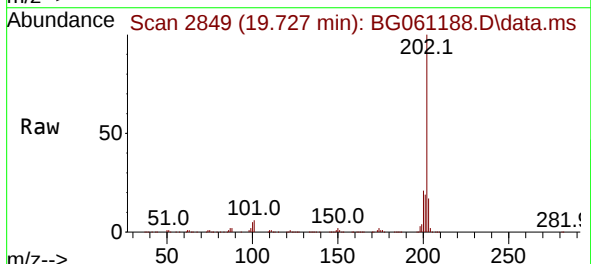
Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

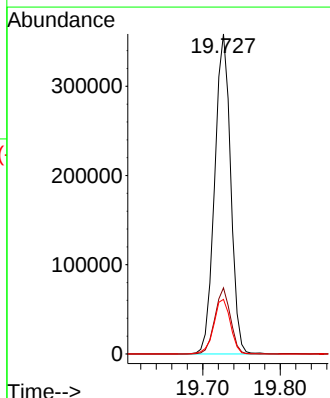
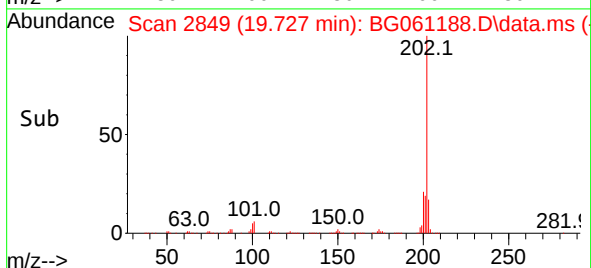
Supervised By :mohammad
ahmed
05/17/2024

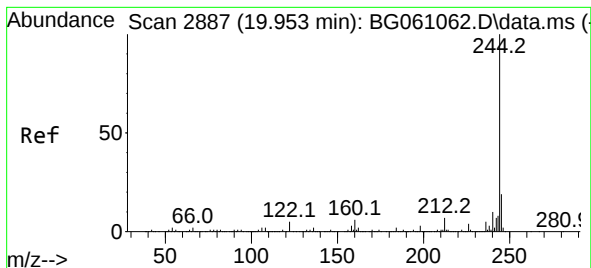


#78
Pyrene
Concen: 42.287 ng
RT: 19.727 min Scan# 2849
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30



Tgt Ion:202 Resp: 511758
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.4
203 17.1 13.3 19.9





#79

Terphenyl-d14

Concen: 82.205 ng

RT: 19.926 min Scan# 21

Delta R.T. -0.027 min

Lab File: BG061188.D

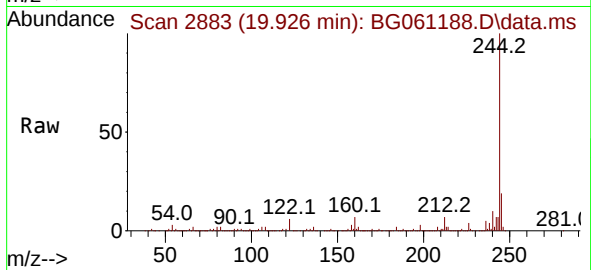
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



Tgt Ion:244 Resp: 94088

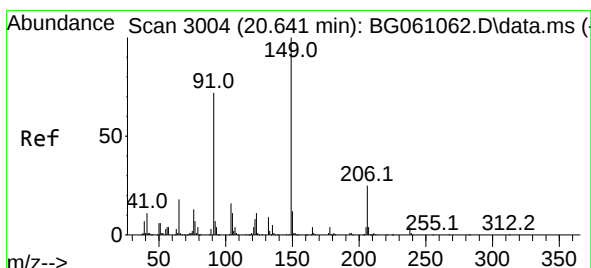
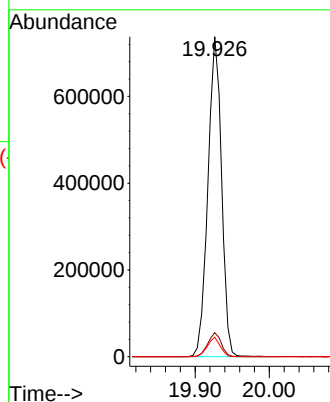
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	6.1	4.2	6.2

Manual Integrations

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Supervised By :mohammad ahmed 05/17/2024

Supervised By :mohammad
ahmed
05/17/2024



#80

Butylbenzylphthalate

Concen: 43.949 ng

RT: 20.614 min Scan# 3000

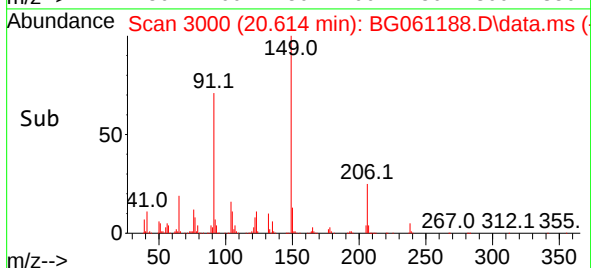
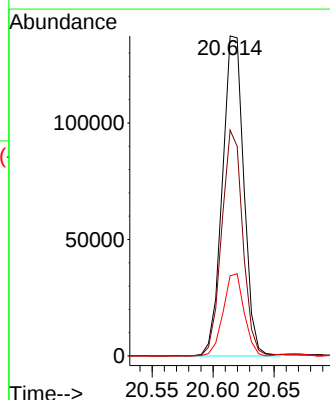
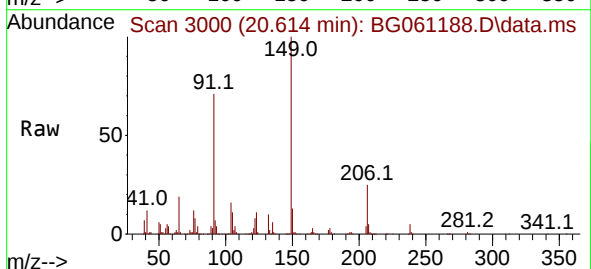
Delta R.T. -0.027 min

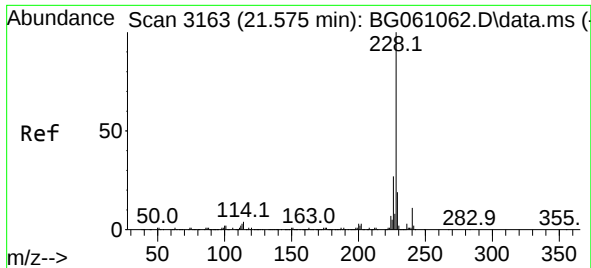
Lab File: BG061188.D

Acq: 14 May 2024 13:30

Tgt Ion:149 Resp: 168363

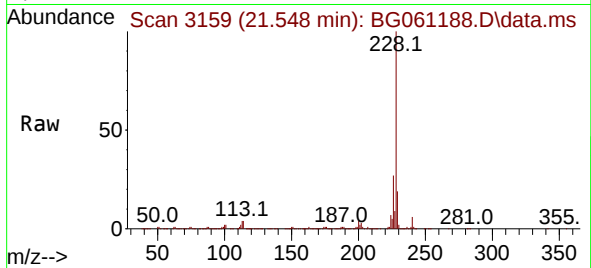
Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.4	86.2
206	25.0	19.8	29.6





#81
Benzo(a)anthracene
Concen: 43.919 ng
RT: 21.548 min Scan# 3163
Delta R.T. -0.027 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :
BNA_G
ClientSampleId :
PB160889BS

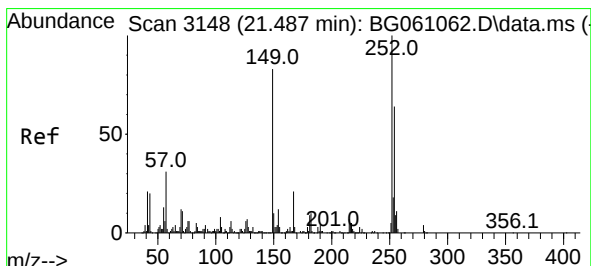
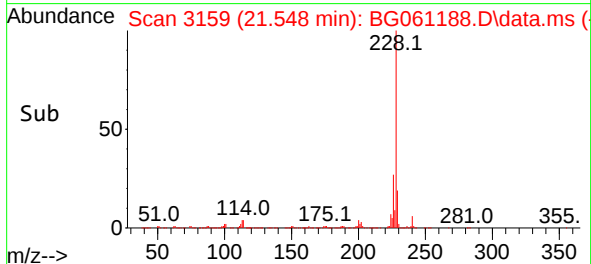
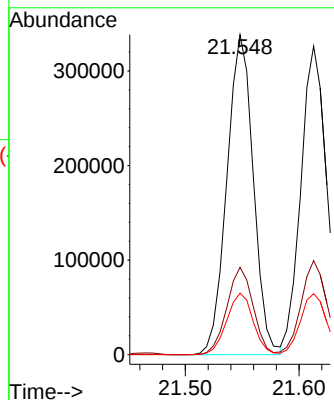


Tgt Ion:228 Resp: 547068
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.2 15.0 22.4

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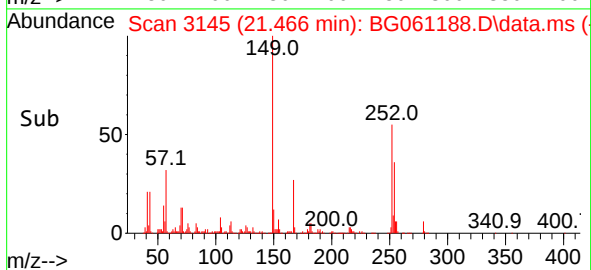
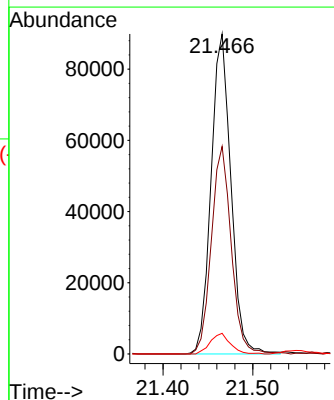
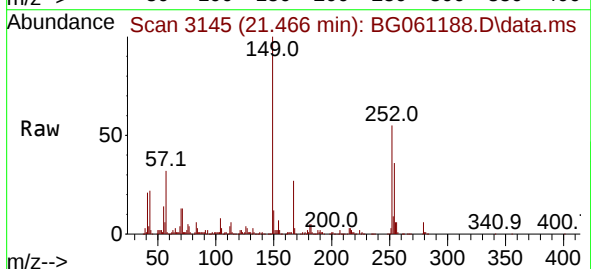
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

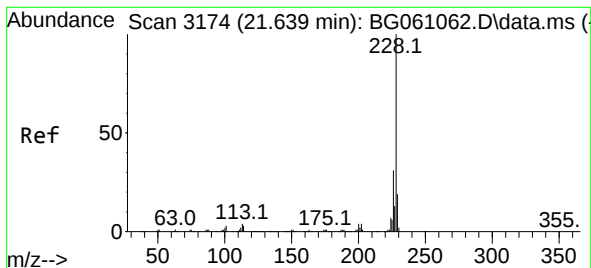
Supervised By :mohammad
ahmed
05/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 30.722 ng
RT: 21.466 min Scan# 3145
Delta R.T. -0.021 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:252 Resp: 137721
Ion Ratio Lower Upper
252 100
254 64.8 51.3 76.9
126 6.5 5.2 7.8





#83

Chrysene

Concen: 43.905 ng

RT: 21.613 min Scan# 3170

Delta R.T. -0.027 min

Lab File: BG061188.D

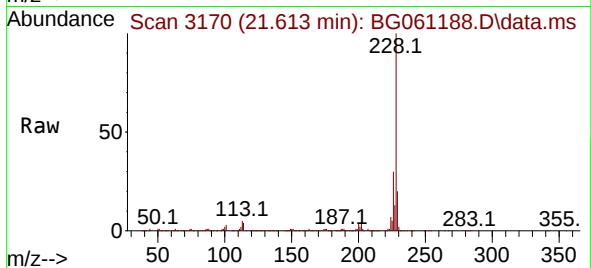
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



Tgt Ion:228 Resp: 512390

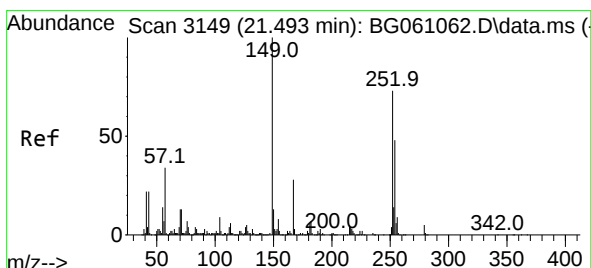
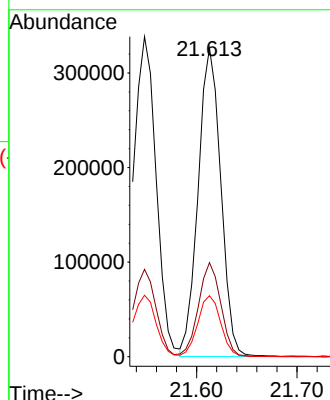
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.8	14.8	22.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Supervised By :mohammad
ahmed
05/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.378 ng

RT: 21.466 min Scan# 3145

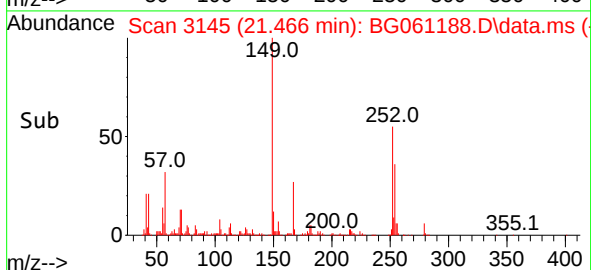
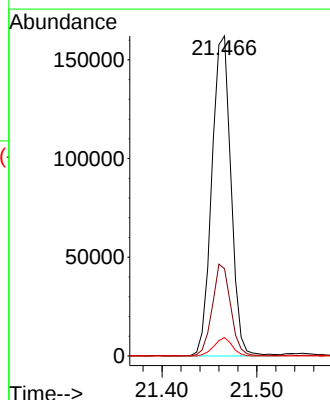
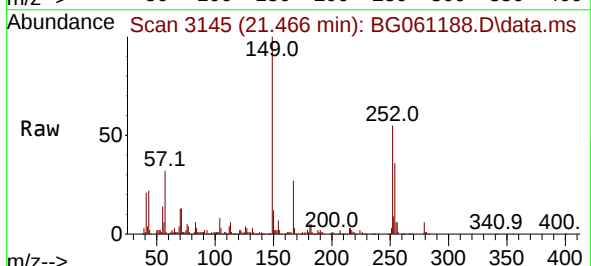
Delta R.T. -0.027 min

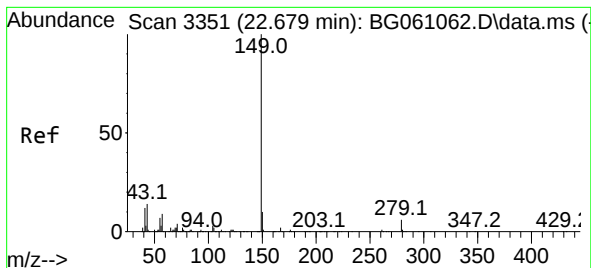
Lab File: BG061188.D

Acq: 14 May 2024 13:30

Tgt Ion:149 Resp: 227001

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	5.8	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 44.395 ng

RT: 22.641 min Scan# 31

Delta R.T. -0.039 min

Lab File: BG061188.D

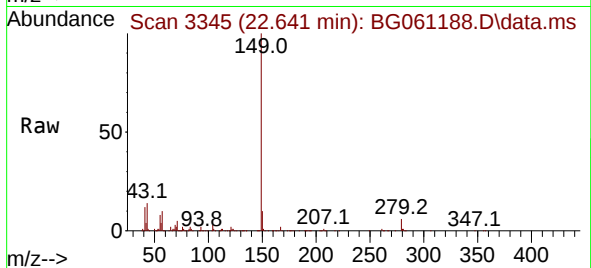
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



Tgt Ion:149 Resp: 391818

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

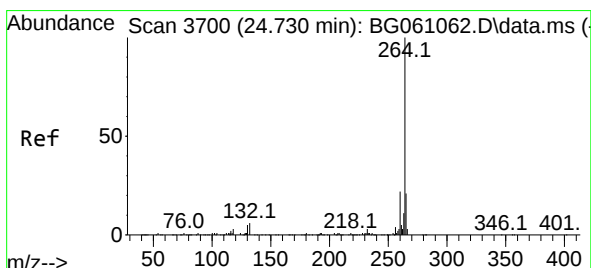
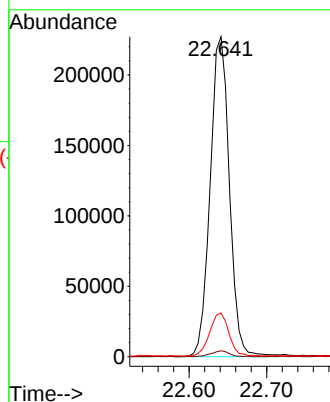
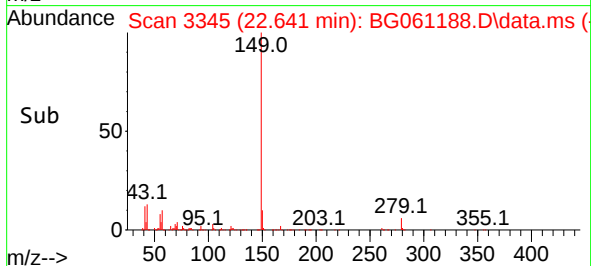
43 13.6 10.6 15.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

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: BG061188.D

Acq: 14 May 2024 13:30

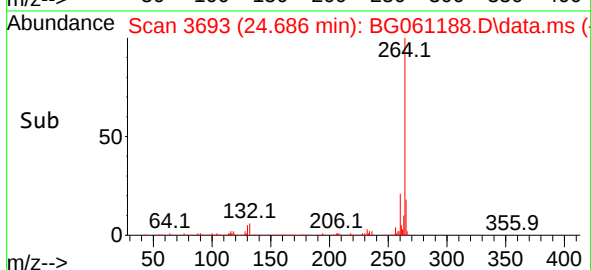
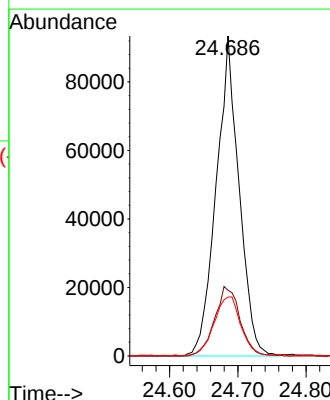
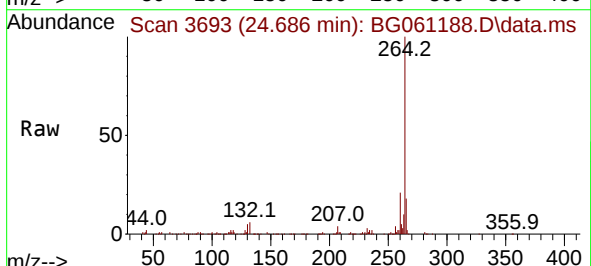
Tgt Ion:264 Resp: 217352

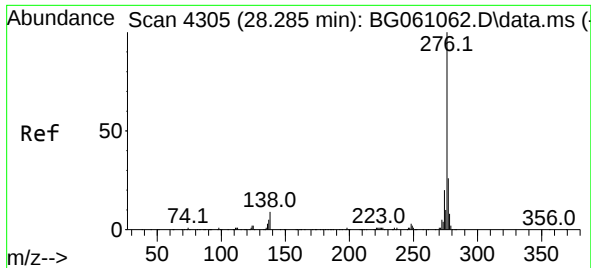
Ion Ratio Lower Upper

264 100

260 20.5 17.7 26.5

265 18.4 16.4 24.6





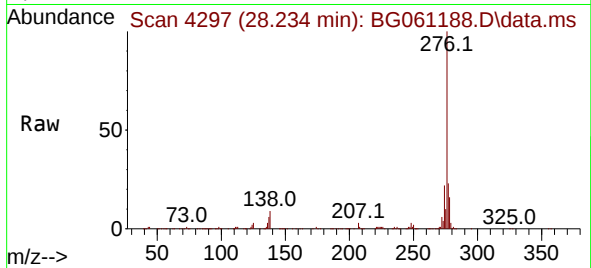
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.367 ng
 RT: 28.234 min Scan# 41
 Delta R.T. -0.050 min
 Lab File: BG061188.D
 Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



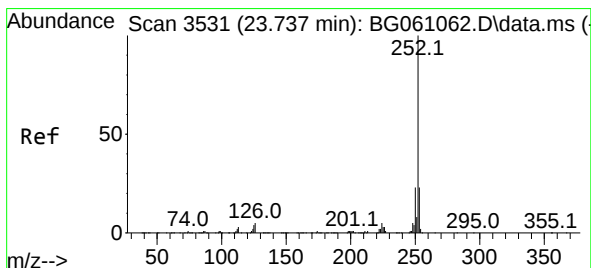
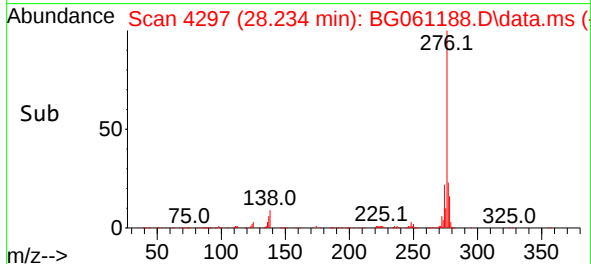
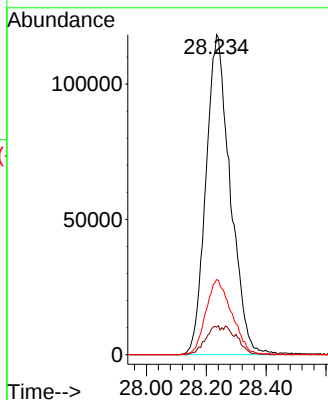
Tgt Ion:276 Resp: 66788
 Ion Ratio Lower Upper
 276 100
 138 5.4 5.1 7.7
 277 24.9 20.6 30.8

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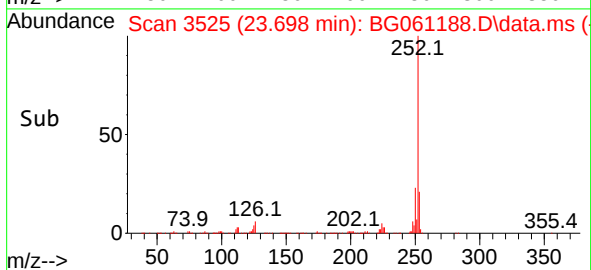
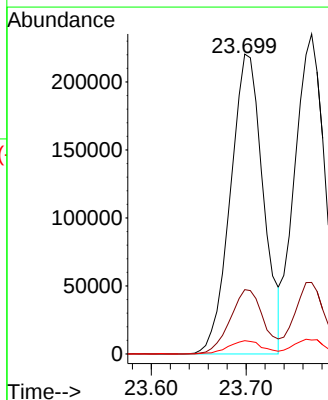
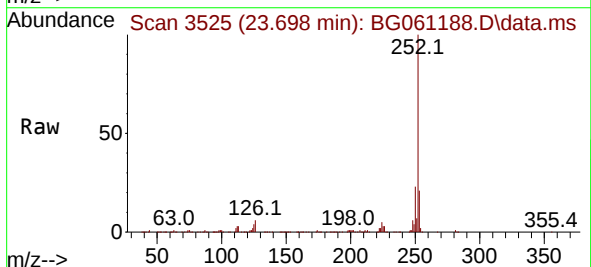
Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

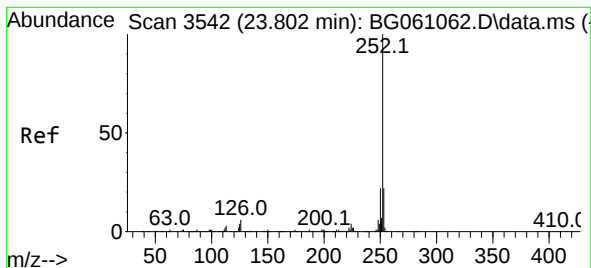
Supervised By :mohammad
 ahmed
 05/17/2024



#88
 Benzo(b)fluoranthene
 Concen: 43.710 ng
 RT: 23.698 min Scan# 3525
 Delta R.T. -0.038 min
 Lab File: BG061188.D
 Acq: 14 May 2024 13:30

Tgt Ion:252 Resp: 530893
 Ion Ratio Lower Upper
 252 100
 253 21.4 18.2 27.2
 125 4.4 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 44.668 ng

RT: 23.769 min Scan# 3

Delta R.T. -0.033 min

Lab File: BG061188.D

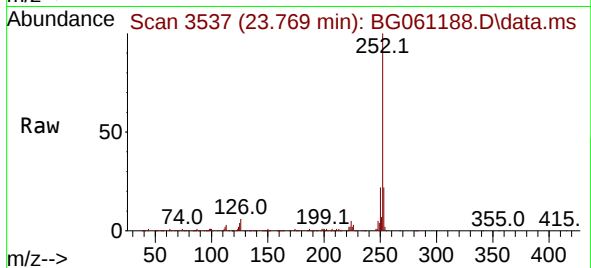
Acq: 14 May 2024 13:30

Instrument :

BNA_G

ClientSampleId :

PB160889BS



Tgt Ion:252 Resp: 521934

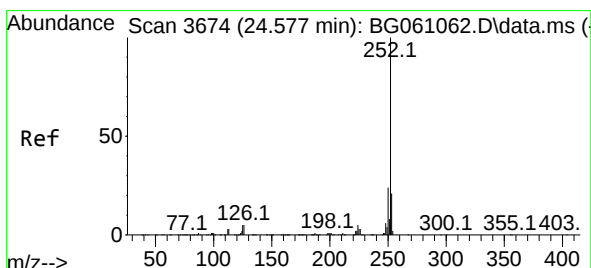
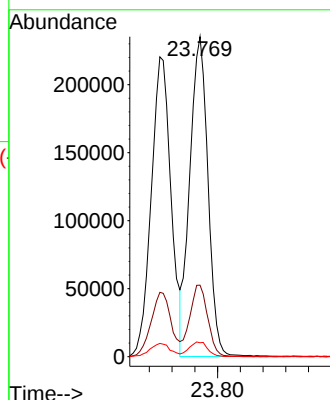
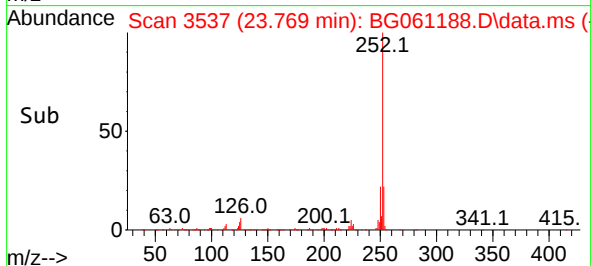
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	4.4	3.2	4.8

Manual Integrations

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Supervised By :mohammad ahmed 05/17/2024

Supervised By :mohammad
ahmed
05/17/2024



#90

Benzo(a)pyrene

Concen: 46.713 ng

RT: 24.545 min Scan# 3669

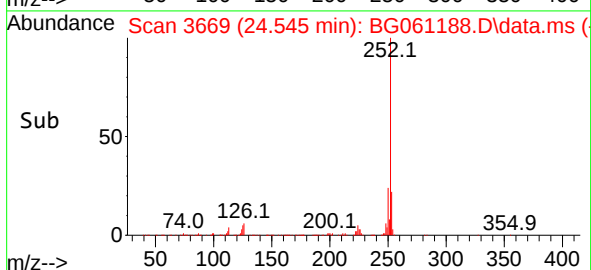
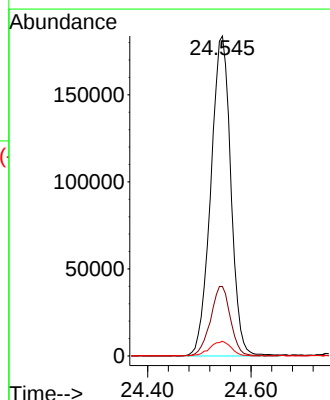
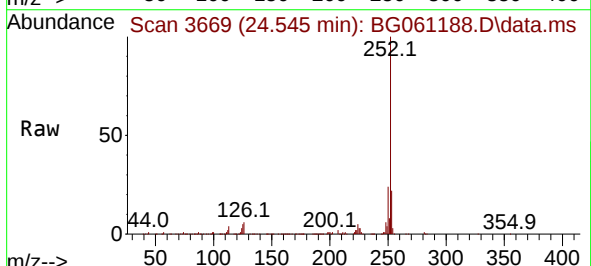
Delta R.T. -0.033 min

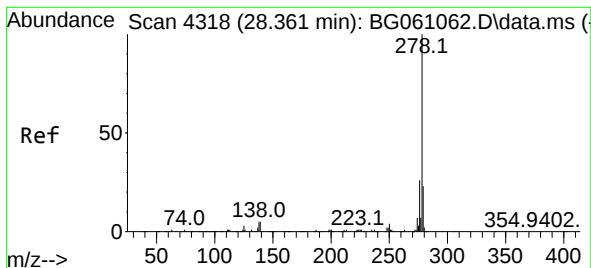
Lab File: BG061188.D

Acq: 14 May 2024 13:30

Tgt Ion:252 Resp: 494294

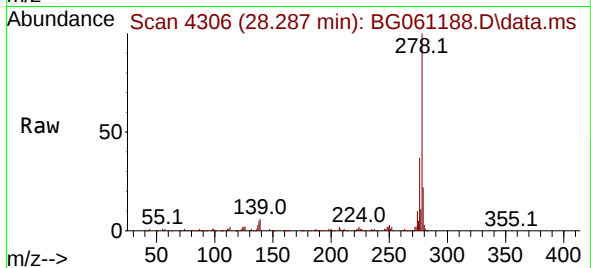
Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.9	25.3
125	4.6	3.8	5.8





#91
Dibenzo(a,h)anthracene
Concen: 45.796 ng
RT: 28.287 min Scan# 4306
Delta R.T. -0.074 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Instrument :
BNA_G
ClientSampleId :
PB160889BS

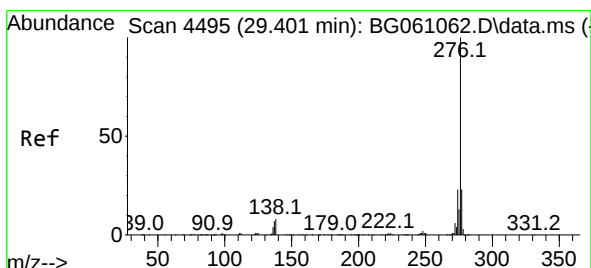
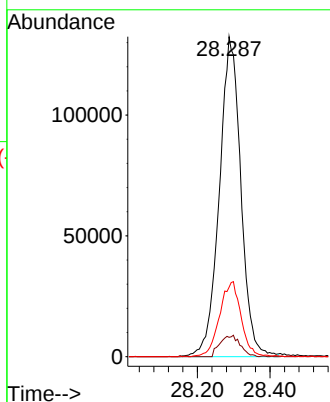
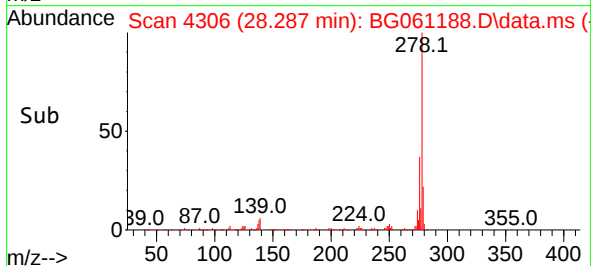


Tgt Ion:278 Resp: 54629
Ion Ratio Lower Upper
278 100
139 6.1 4.2 6.2
279 21.7 18.0 27.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Supervised By :mohammad
ahmed
05/17/2024



#92
Benzo(g,h,i)perylene
Concen: 42.295 ng
RT: 29.345 min Scan# 4486
Delta R.T. -0.056 min
Lab File: BG061188.D
Acq: 14 May 2024 13:30

Tgt Ion:276 Resp: 501375
Ion Ratio Lower Upper
276 100
277 23.8 18.2 27.4
138 7.6 6.2 9.2

