

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061107.D
 Acq On : 3 May 2024 15:28
 Operator : MA/JU
 Sample : P2331-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 16:44:57 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	7.936	152	24855	20.000	ng	-0.02
21) Naphthalene-d8	10.733	136	102601	20.000	ng	-0.02
39) Acenaphthene-d10	14.564	164	83034	20.000	ng	-0.02
64) Phenanthrene-d10	17.314	188	190226	20.000	ng	-0.02
76) Chrysene-d12	21.573	240	189793	20.000	ng	-0.02
86) Perylene-d12	24.693	264	177341	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	105613	86.417	ng	-0.02
7) Phenol-d6	7.114	99	153058	84.660	ng	-0.02
23) Nitrobenzene-d5	9.088	82	109674	52.990	ng	-0.03
42) 2,4,6-Tribromophenol	16.062	330	127869	77.043	ng	-0.01
45) 2-Fluorobiphenyl	13.189	172	310097	55.224	ng	-0.02
79) Terphenyl-d14	19.934	244	596127	52.238	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.436	88	13659	27.641	ng	93
3) Pyridine	3.824	79	40108	27.583	ng	94
4) n-Nitrosodimethylamine	3.741	42	45143	32.313	ng	99
6) Aniline	7.261	93	42918	23.946	ng	# 94
8) 2-Chlorophenol	7.502	128	67224	44.835	ng	98
9) Benzaldehyde	7.073	77	32506	31.849	ng	97
10) Phenol	7.137	94	79528	43.255	ng	94
11) bis(2-Chloroethyl)ether	7.355	93	54075	42.574	ng	95
12) 1,3-Dichlorobenzene	7.825	146	73985	41.857	ng	99
13) 1,4-Dichlorobenzene	7.972	146	75808	41.497	ng	96
14) 1,2-Dichlorobenzene	8.289	146	75636	42.914	ng	96
15) Benzyl Alcohol	8.171	79	68752	42.156	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.453	45	118434	42.972	ng	99
17) 2-Methylphenol	8.383	107	57691	44.031	ng	96
18) Hexachloroethane	9.012	117	26983	41.394	ng	86
19) n-Nitroso-di-n-propyla...	8.735	70	51089	37.760	ng	92
20) 3+4-Methylphenols	8.706	107	82083	43.423	ng	98
22) Acetophenone	8.753	105	111366	43.584	ng	# 98
24) Nitrobenzene	9.135	77	84180	41.575	ng	100
25) Isophorone	9.658	82	145060	37.915	ng	99
26) 2-Nitrophenol	9.840	139	40603	42.325	ng	97
27) 2,4-Dimethylphenol	9.911	122	52368	47.349	ng	94
28) bis(2-Chloroethoxy)met...	10.140	93	76193	40.578	ng	98
29) 2,4-Dichlorophenol	10.386	162	79877	46.094	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	92094	44.106	ng	97
31) Naphthalene	10.780	128	229718	43.080	ng	100
32) Benzoic acid	10.069	122	44666	34.936	ng	88
33) 4-Chloroaniline	10.886	127	45515	21.402	ng	96
34) Hexachlorobutadiene	11.068	225	78023	43.550	ng	92
35) Caprolactam	11.667	113	22636m	36.272	ng	
36) 4-Chloro-3-methylphenol	12.026	107	85295	40.819	ng	97
37) 2-Methylnaphthalene	12.390	142	167393	41.891	ng	99
38) 1-Methylnaphthalene	12.607	142	157742	39.212	ng	99
40) 1,2,4,5-Tetrachloroben...	12.760	216	138011	49.804	ng	99
41) Hexachlorocyclopentadiene	12.737	237	47127	44.425	ng	94
43) 2,4,6-Trichlorophenol	13.001	196	82305	46.263	ng	95

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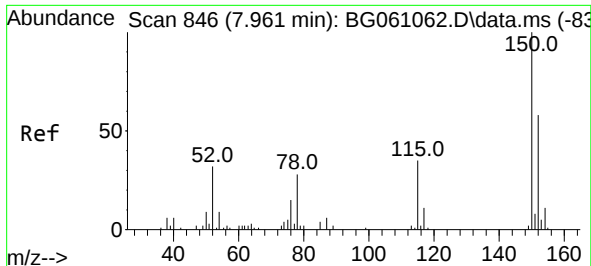
Manual Integrations
 APPROVED

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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	13.077	196	89111	44.257	ng	95
46) 1,1'-Biphenyl	13.401	154	243468	45.730	ng	96
47) 2-Chloronaphthalene	13.442	162	188754	44.275	ng	97
48) 2-Nitroaniline	13.641	65	70153	44.345	ng	97
49) Acenaphthylene	14.288	152	310644	47.442	ng	99
50) Dimethylphthalate	14.023	163	257203	40.104	ng	99
51) 2,6-Dinitrotoluene	14.141	165	54425	39.674	ng	94
52) Acenaphthene	14.629	154	173654	42.513	ng	96
53) 3-Nitroaniline	14.470	138	39519	31.484	ng #	97
54) 2,4-Dinitrophenol	14.681	184	22268	24.475	ng	93
55) Dibenzofuran	14.969	168	301120	43.644	ng	99
56) 4-Nitrophenol	14.799	139	76781	75.691	ng	92
57) 2,4-Dinitrotoluene	14.934	165	77867	38.366	ng	89
58) Fluorene	15.616	166	245148	41.062	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.198	232	89016	42.947	ng	98
60) Diethylphthalate	15.387	149	248763	38.464	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	151401	42.234	ng	99
62) 4-Nitroaniline	15.633	138	53333	39.176	ng	95
63) Azobenzene	15.904	77	210673	41.845	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	18476	15.654	ng	92
66) n-Nitrosodiphenylamine	15.827	169	221652	46.988	ng	99
67) 4-Bromophenyl-phenylether	16.503	248	107140	47.811	ng	95
68) Hexachlorobenzene	16.626	284	127209	45.609	ng	99
69) Atrazine	16.779	200	95930	49.311	ng	96
70) Pentachlorophenol	16.973	266	142095	82.927	ng	96
71) Phenanthrene	17.355	178	401201	46.126	ng	99
72) Anthracene	17.449	178	408081	47.019	ng	99
73) Carbazole	17.719	167	337804	44.267	ng	99
74) Di-n-butylphthalate	18.283	149	388715	42.839	ng	99
75) Fluoranthene	19.370	202	511063	42.889	ng	100
77) Benzidine	19.546	184	246845	67.163	ng	97
78) Pyrene	19.728	202	524485	43.467	ng	98
80) Butylbenzylphthalate	20.622	149	172818	45.246	ng	97
81) Benzo(a)anthracene	21.556	228	550022	44.287	ng	97
82) 3,3'-Dichlorobenzidine	21.468	252	156692	35.058	ng	98
83) Chrysene	21.620	228	531732	45.698	ng	98
84) Bis(2-ethylhexyl)phtha...	21.473	149	236256	47.369	ng	99
85) Di-n-octyl phthalate	22.654	149	411157	46.724	ng	99
87) Indeno(1,2,3-cd)pyrene	28.242	276	402377m	34.237	ng	
88) Benzo(b)fluoranthene	23.706	252	432696	43.663	ng	98
89) Benzo(k)fluoranthene	23.777	252	557562	58.483	ng	99
90) Benzo(a)pyrene	24.552	252	394461	45.689	ng	100
91) Dibenzo(a,h)anthracene	28.301	278	300607	30.886	ng #	95
92) Benzo(g,h,i)perylene	29.347	276	279124m	28.859	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 846
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

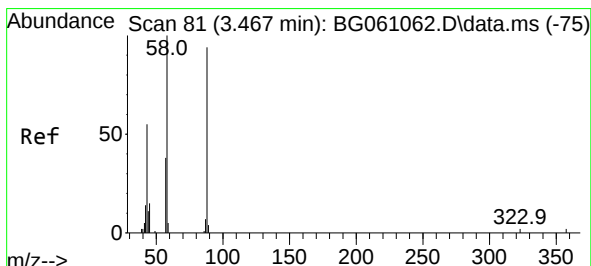
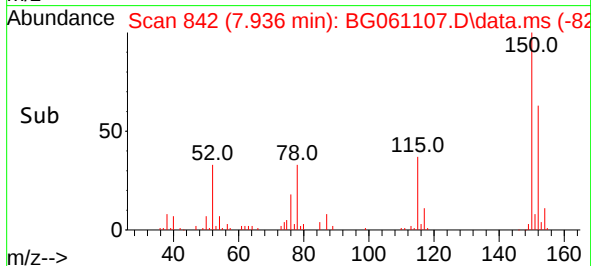
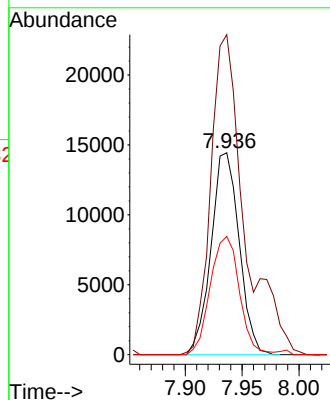
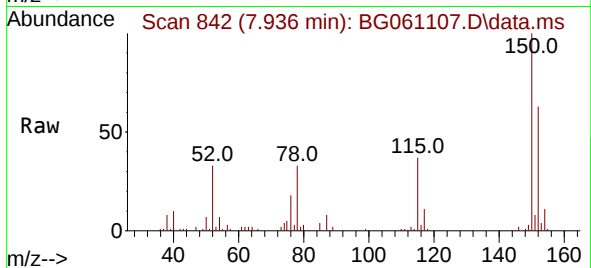
TP-1MSD

Tgt Ion:152 Resp: 2485
Ion Ratio Lower Upper
152 100
150 158.4 138.3 207.5
115 58.5 48.0 72.0

Manual Integrations

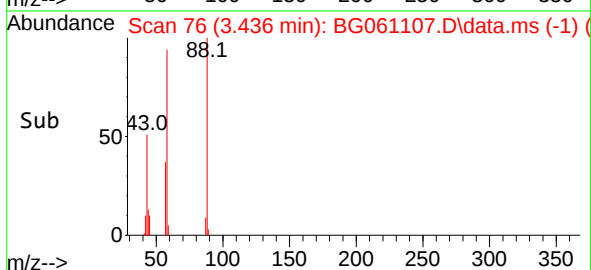
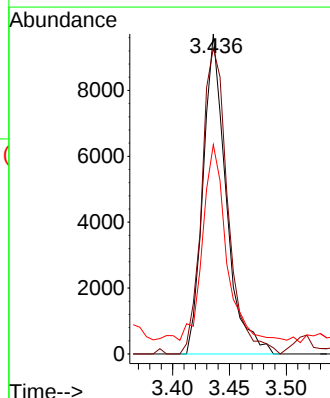
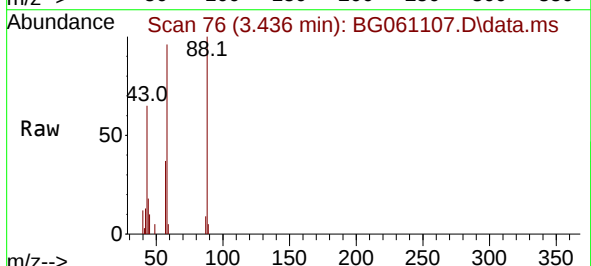
APPROVED

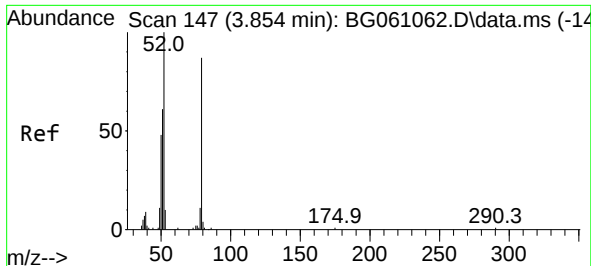
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#2
1,4-Dioxane
Concen: 27.641 ng
RT: 3.436 min Scan# 76
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

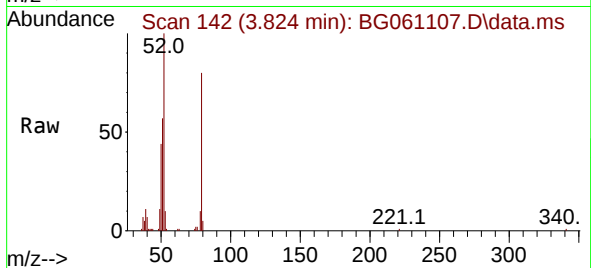
Tgt Ion: 88 Resp: 13659
Ion Ratio Lower Upper
88 100
58 108.1 81.2 121.8
43 62.3 45.0 67.4





#3
Pyridine
Concen: 27.583 ng
RT: 3.824 min Scan# 147
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

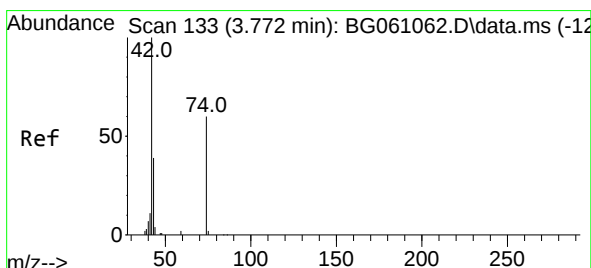
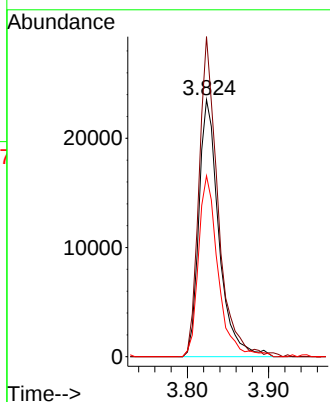
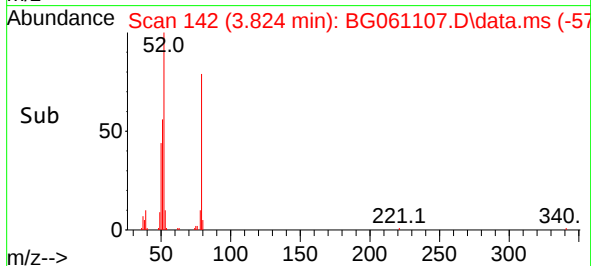
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 79 Resp: 40108
Ion Ratio Lower Upper
79 100
52 124.5 91.6 137.4
51 70.4 57.0 85.4

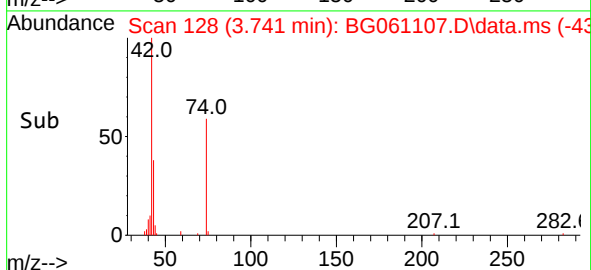
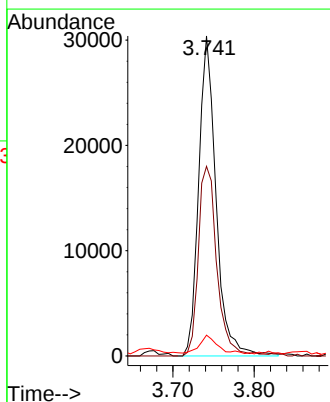
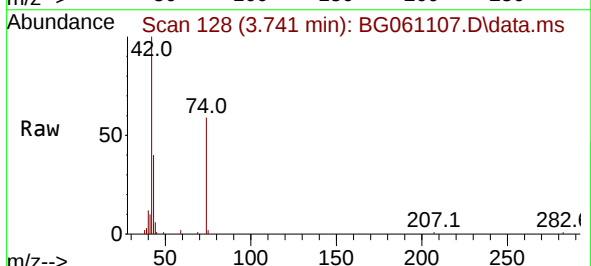
Manual Integrations
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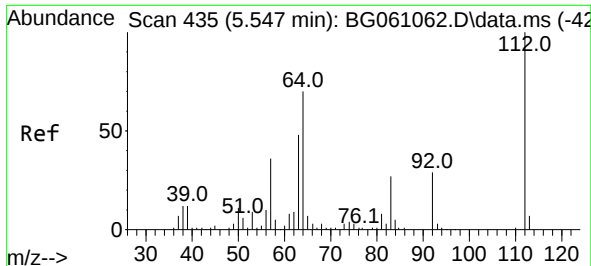
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#4
n-Nitrosodimethylamine
Concen: 32.313 ng
RT: 3.741 min Scan# 128
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion: 42 Resp: 45143
Ion Ratio Lower Upper
42 100
74 59.2 47.8 71.8
44 6.5 4.7 7.1





#5
2-Fluorophenol
Concen: 86.417 ng
RT: 5.527 min Scan# 411
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

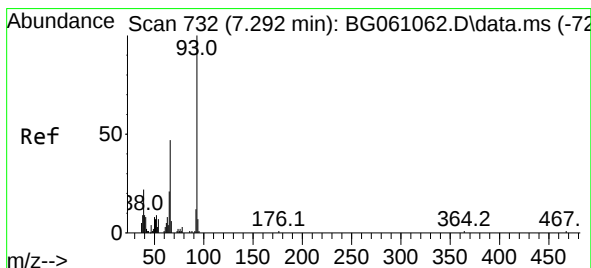
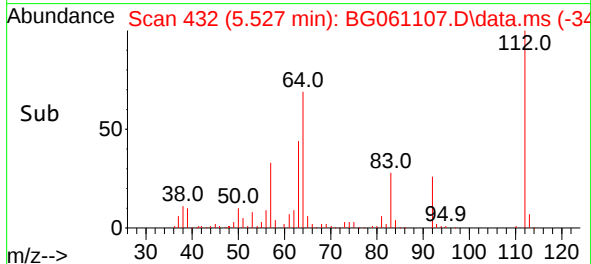
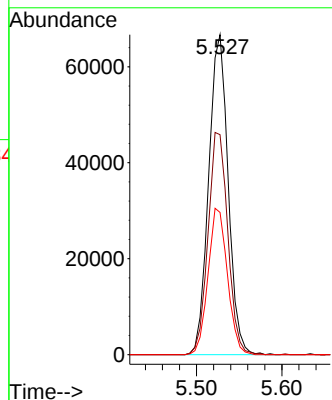
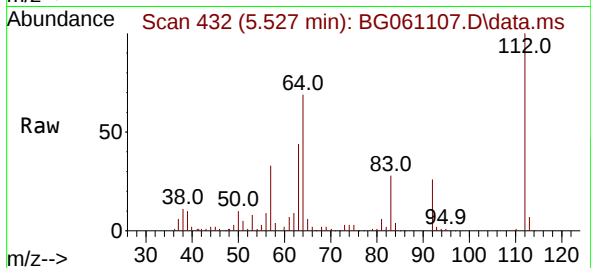
TP-1MSD

Tgt Ion:112 Resp: 10561
Ion Ratio Lower Upper
112 100
64 68.8 55.7 83.5
63 44.4 38.1 57.1

Manual Integrations

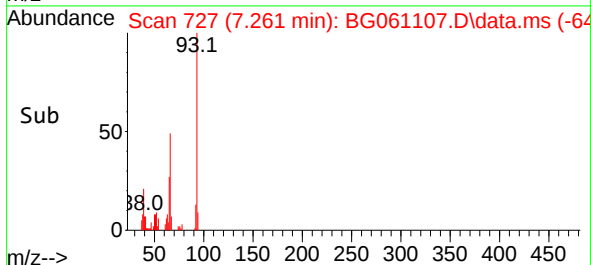
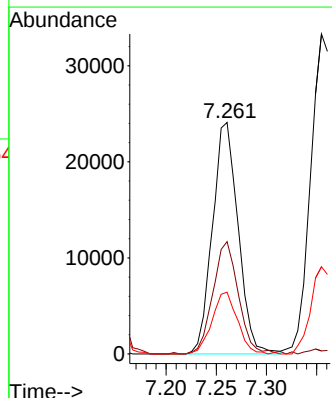
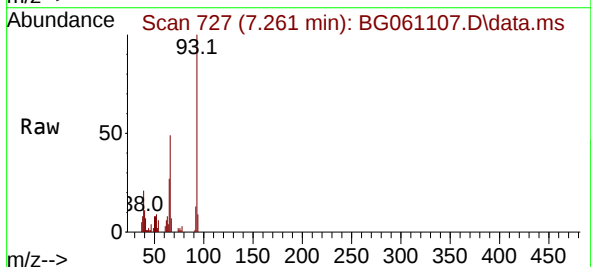
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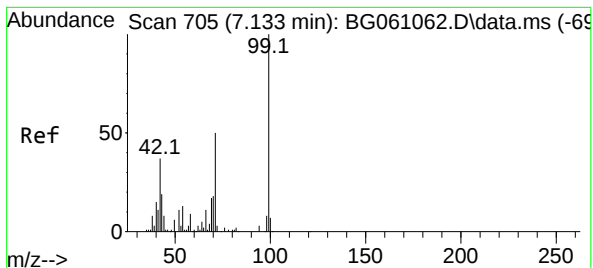
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#6
Aniline
Concen: 23.946 ng
RT: 7.261 min Scan# 727
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion: 93 Resp: 42918
Ion Ratio Lower Upper
93 100
66 48.5 37.4 56.0
65 26.7 16.6 24.8#





#7

Phenol-d6

Concen: 84.660 ng

RT: 7.114 min Scan# 705

Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion: 99 Resp: 153058

Ion Ratio Lower Upper

99 100

42 34.4 29.2 43.8

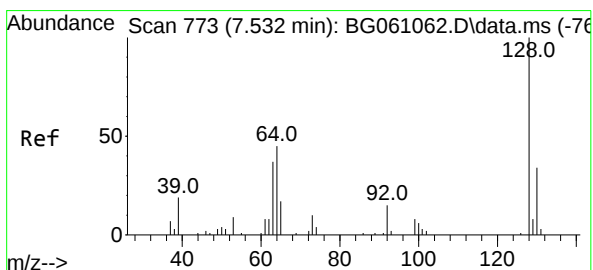
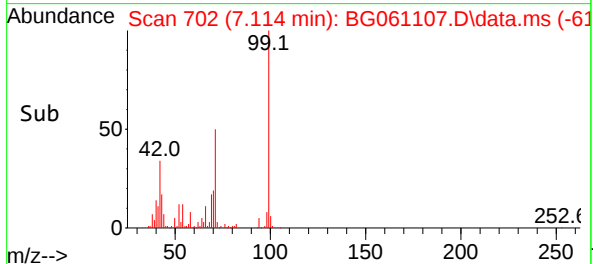
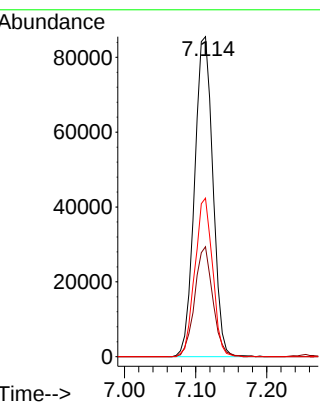
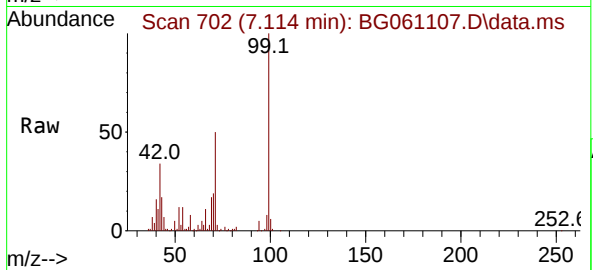
71 49.6 39.7 59.5

Manual Integrations

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Supervised By :mohammad ahmed 05/06/2024



#8

2-Chlorophenol

Concen: 44.835 ng

RT: 7.502 min Scan# 768

Delta R.T. -0.031 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

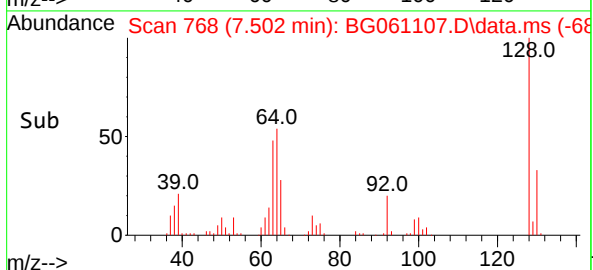
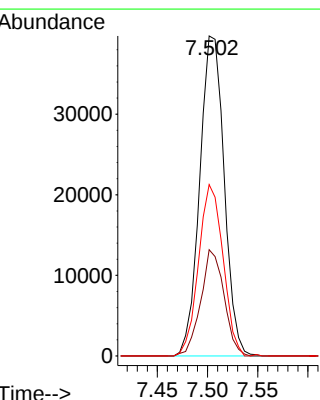
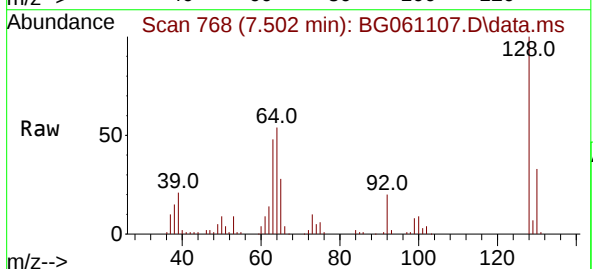
Tgt Ion:128 Resp: 67224

Ion Ratio Lower Upper

128 100

130 33.2 14.1 54.1

64 53.6 34.8 74.8





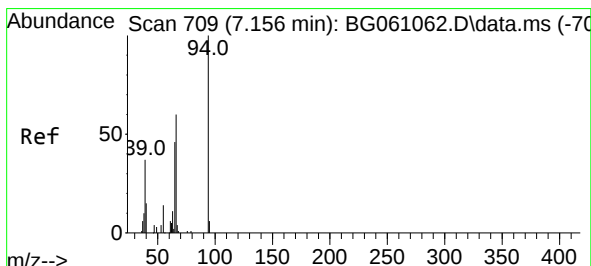
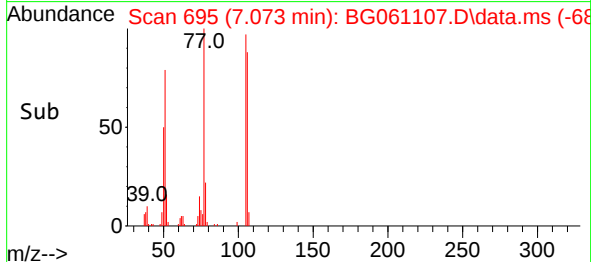
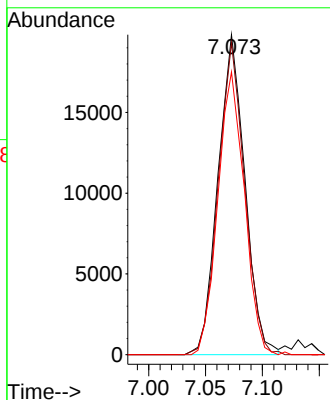
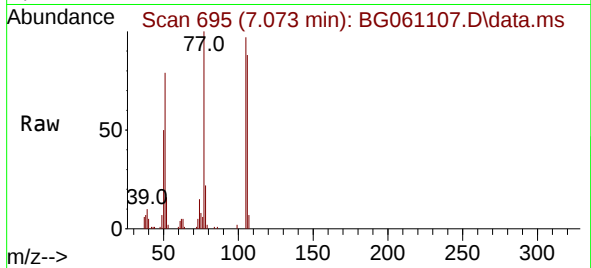
#9
Benzaldehyde
Concen: 31.849 ng
RT: 7.073 min Scan# 695
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :
BNA_G
Client SampleId :
TP-1MSD

Tgt Ion: 77 Resp: 32500
Ion Ratio Lower Upper
77 100
105 97.5 76.0 116.0
106 88.3 72.3 112.3

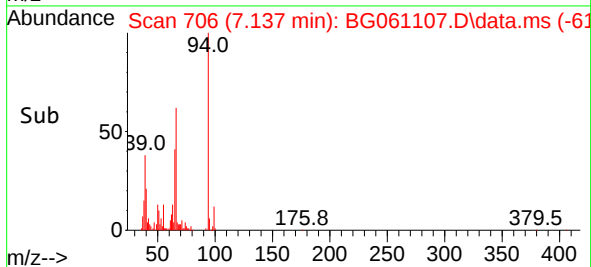
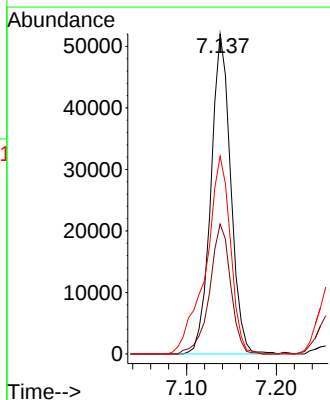
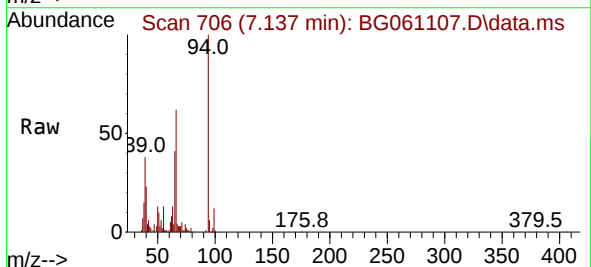
Manual Integrations
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Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#10
Phenol
Concen: 43.255 ng
RT: 7.137 min Scan# 706
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

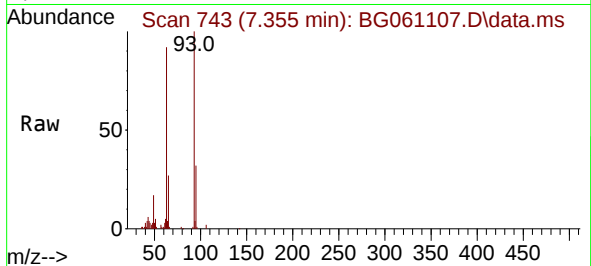
Tgt Ion: 94 Resp: 79528
Ion Ratio Lower Upper
94 100
65 40.6 26.8 66.8
66 61.8 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 42.574 ng
RT: 7.355 min Scan# 748
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

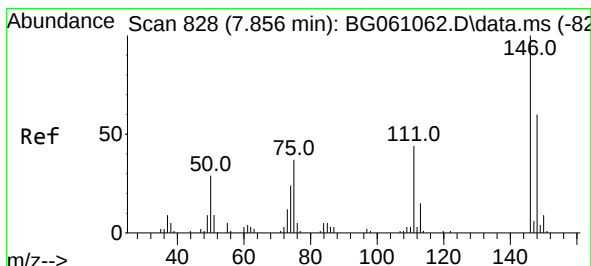
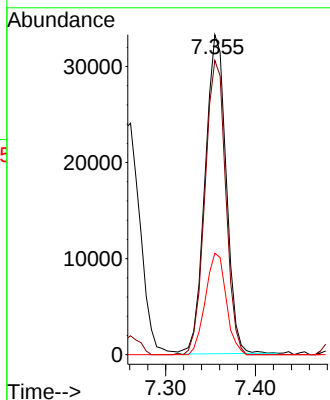
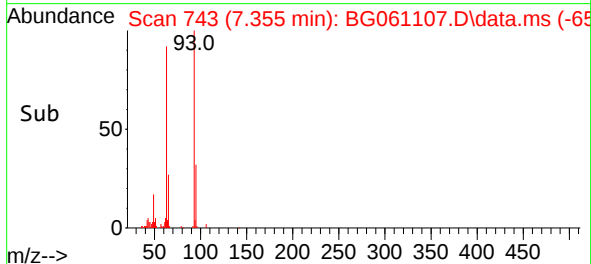
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 93 Resp: 54075
Ion Ratio Lower Upper
93 100
63 91.9 76.8 116.8
95 31.7 13.6 53.6

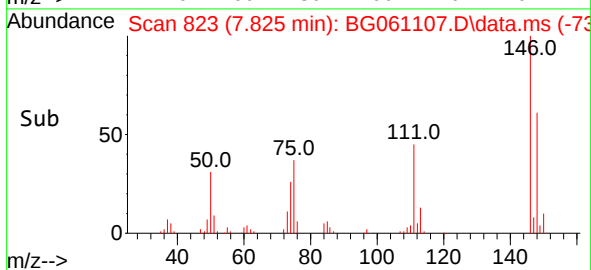
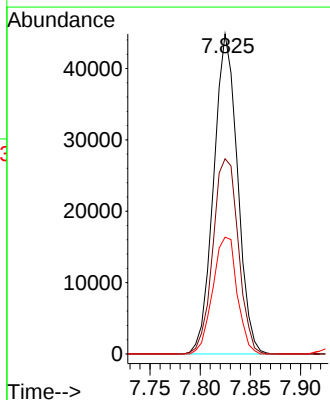
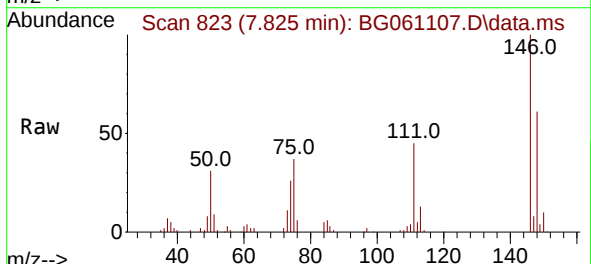
Manual Integrations
APPROVED

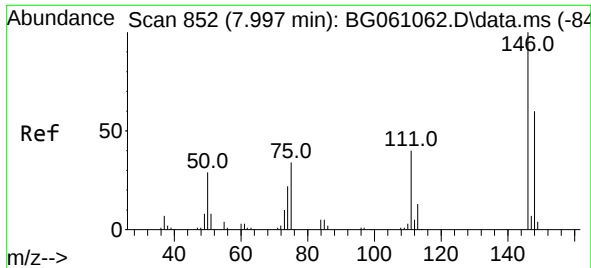
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#12
1,3-Dichlorobenzene
Concen: 41.857 ng
RT: 7.825 min Scan# 823
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

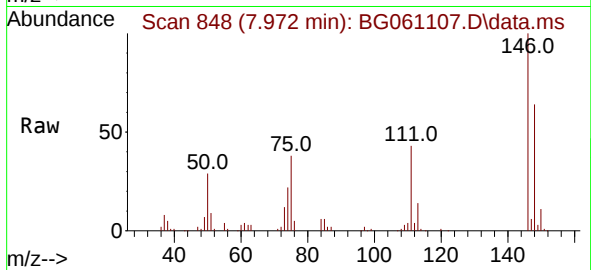
Tgt Ion:146 Resp: 73985
Ion Ratio Lower Upper
146 100
148 61.0 48.0 72.0
75 36.5 29.5 44.3





#13
1,4-Dichlorobenzene
Concen: 41.497 ng
RT: 7.972 min Scan# 84
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

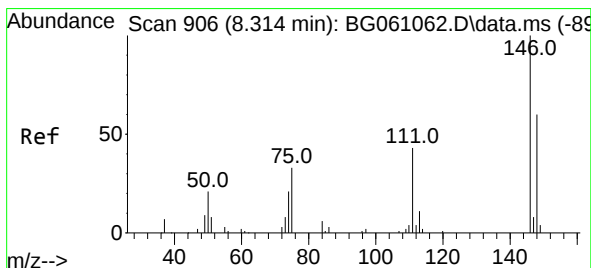
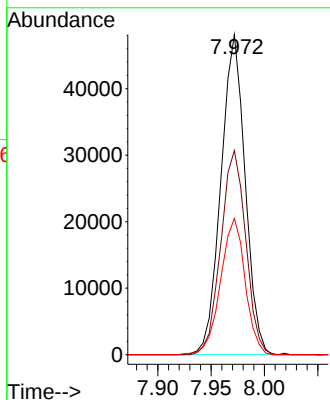
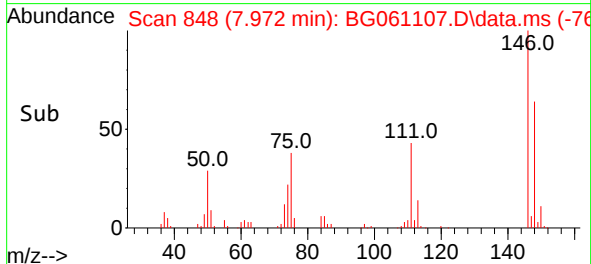
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



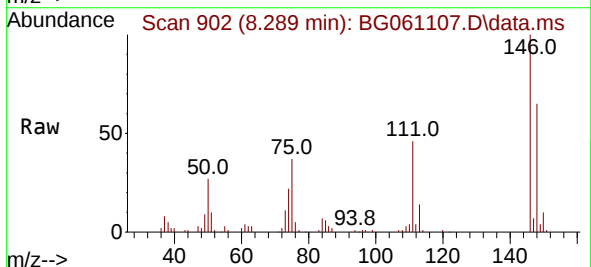
Tgt Ion:146 Resp: 75808
Ion Ratio Lower Upper
146 100
148 63.8 48.1 72.1
111 42.6 32.5 48.7

Manual Integrations
APPROVED

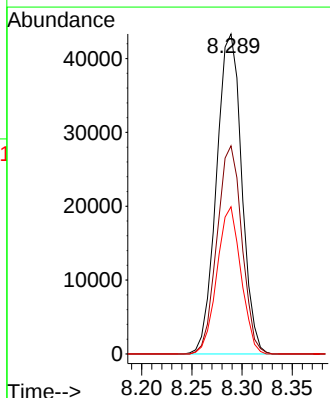
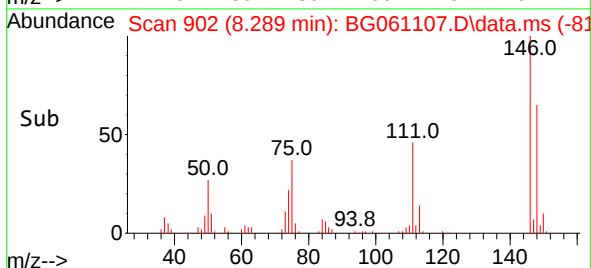
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#14
1,2-Dichlorobenzene
Concen: 42.914 ng
RT: 8.289 min Scan# 902
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



Tgt Ion:146 Resp: 75636
Ion Ratio Lower Upper
146 100
148 65.0 48.2 72.2
111 46.0 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.156 ng
RT: 8.171 min Scan# 81
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

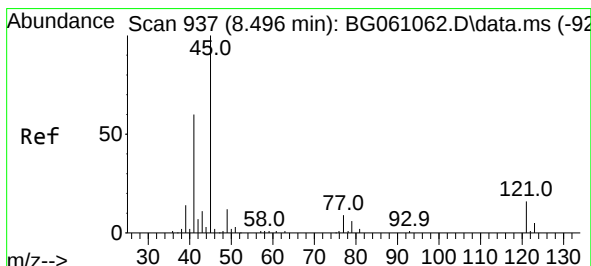
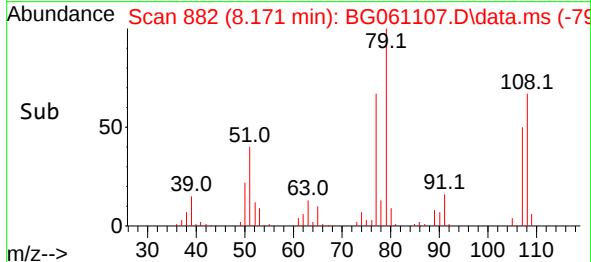
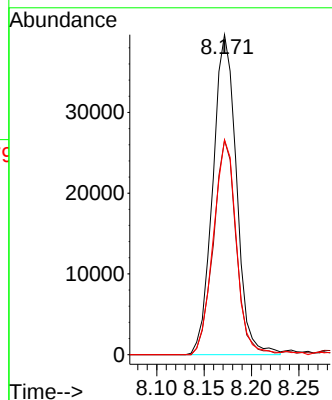
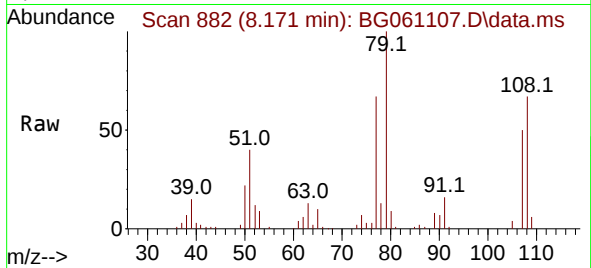
TP-1MSD

Tgt Ion: 79 Resp: 68752
Ion Ratio Lower Upper
79 100
108 67.0 51.1 76.7
77 67.2 49.0 73.6

Manual Integrations

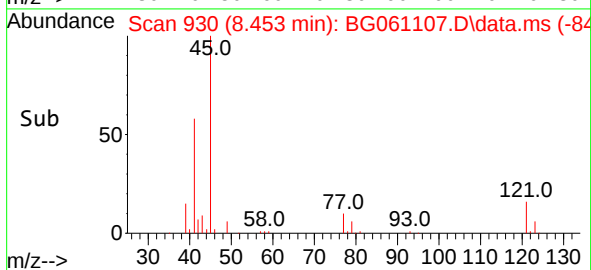
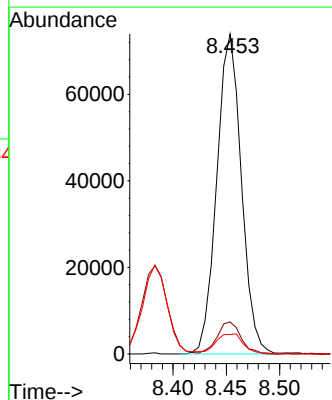
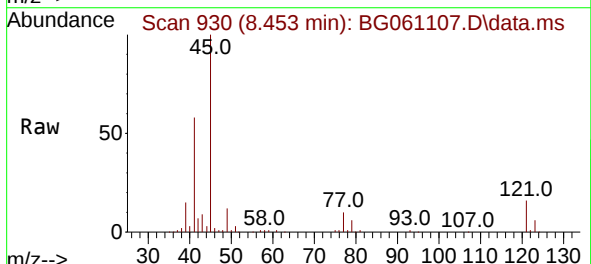
APPROVED

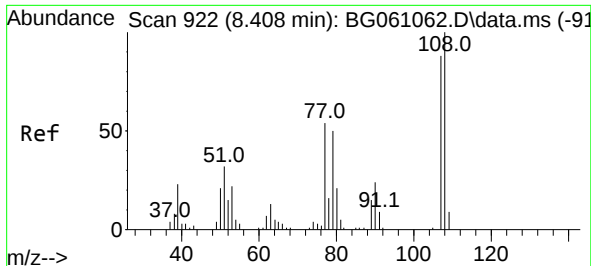
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.972 ng
RT: 8.453 min Scan# 930
Delta R.T. -0.043 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

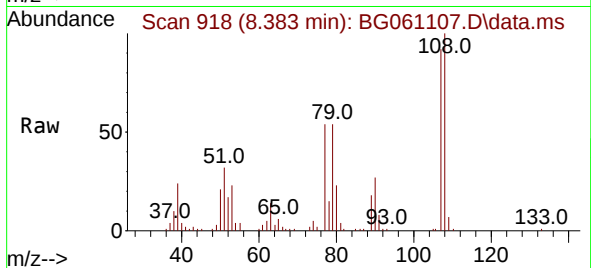
Tgt Ion: 45 Resp: 118434
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.2
79 6.1 0.0 26.5





#17
2-Methylphenol
Concen: 44.031 ng
RT: 8.383 min Scan# 91
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

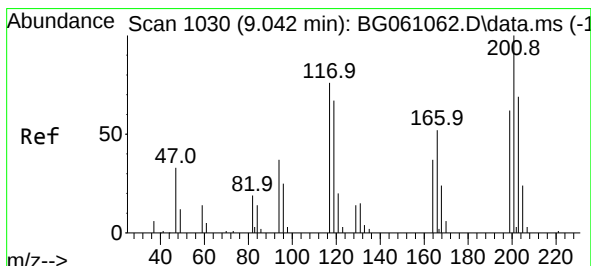
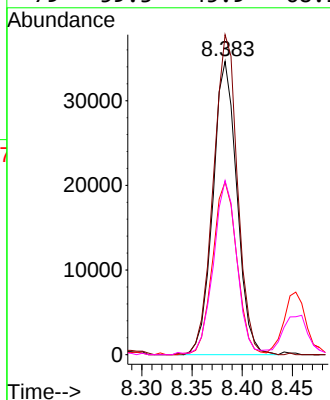
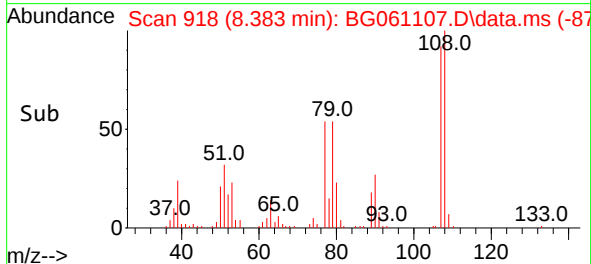
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:	107	Resp:	5769
Ion Ratio	Lower	Upper	
107	100		
108	109.1	91.4	137.2
77	58.9	49.4	74.2
79	59.3	45.9	68.9

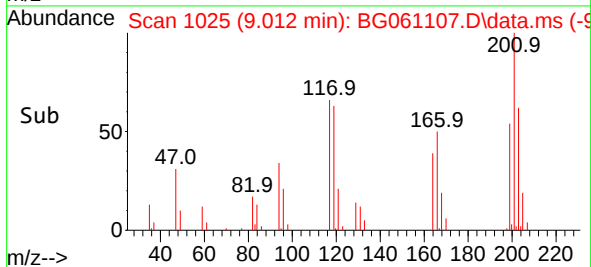
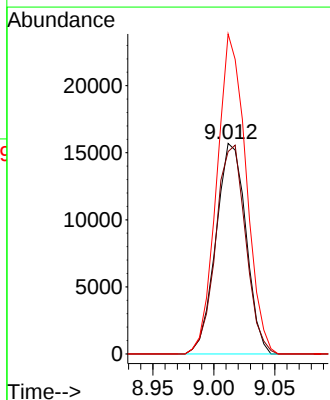
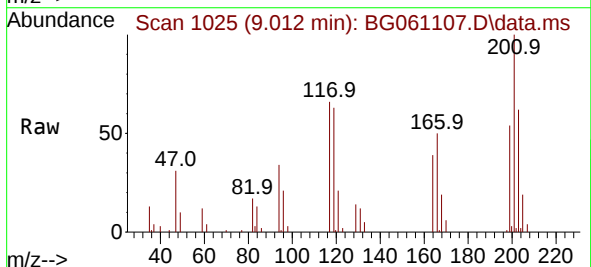
Manual Integrations
APPROVED

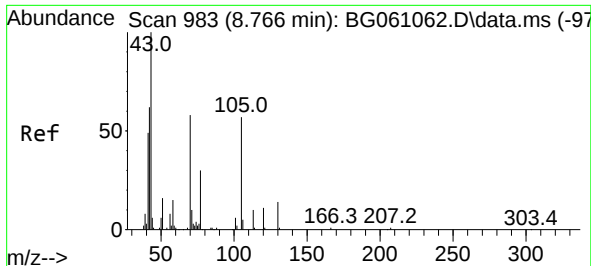
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#18
Hexachloroethane
Concen: 41.394 ng
RT: 9.012 min Scan# 1025
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:	117	Resp:	26983
Ion Ratio	Lower	Upper	
117	100		
119	97.8	71.4	107.0
201	152.0	105.8	158.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.760 ng

RT: 8.735 min Scan# 91

Delta R.T. -0.031 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion: 70 Resp: 51089

Ion Ratio Lower Upper

70 100

42 98.3 86.4 129.6

101 11.3 7.8 11.8

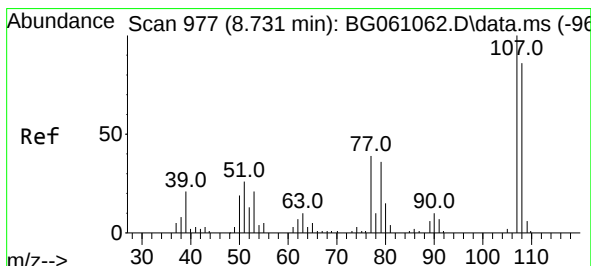
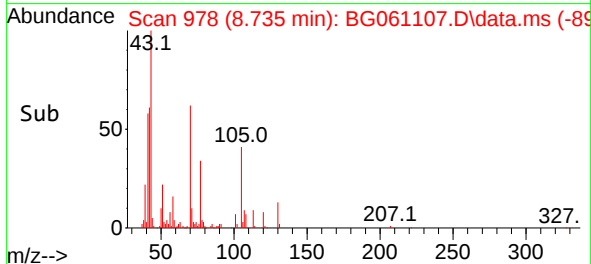
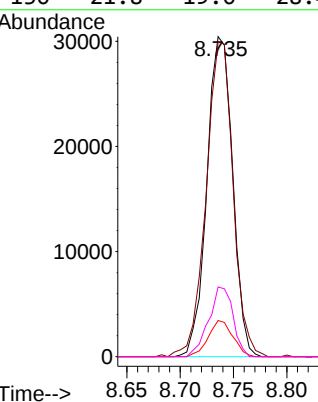
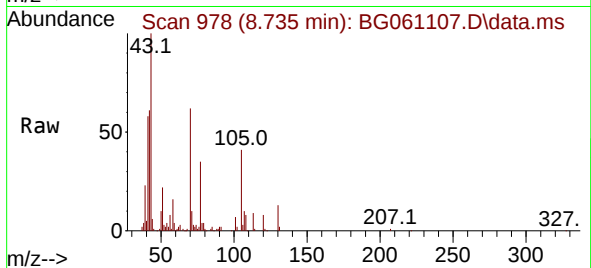
130 21.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#20

3+4-Methylphenols

Concen: 43.423 ng

RT: 8.706 min Scan# 973

Delta R.T. -0.025 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Tgt Ion:107 Resp: 82083

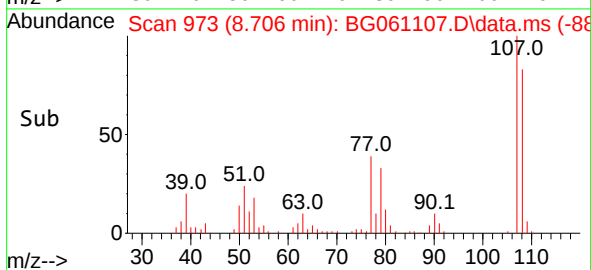
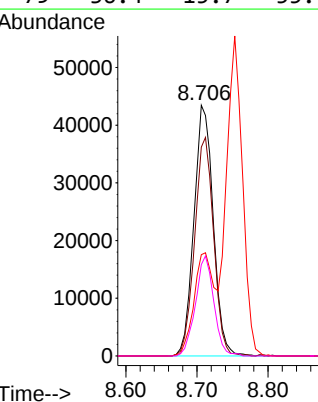
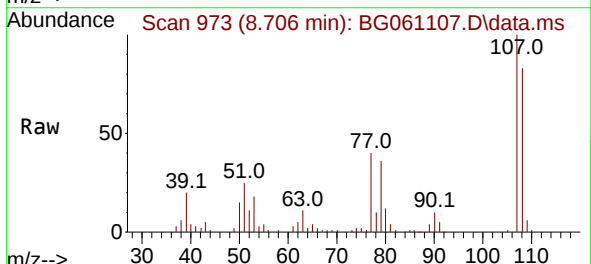
Ion Ratio Lower Upper

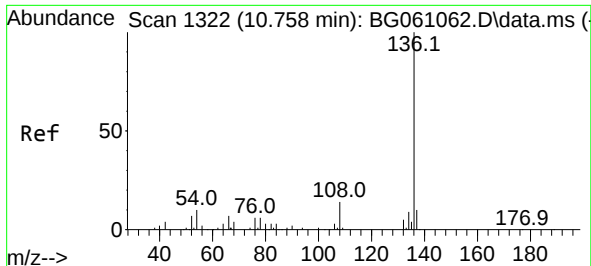
107 100

108 83.3 65.7 105.7

77 40.4 19.4 59.4

79 36.4 15.7 55.7





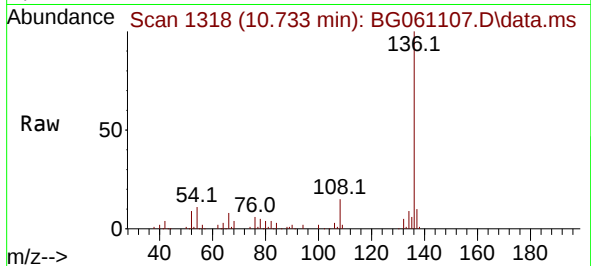
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 111
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



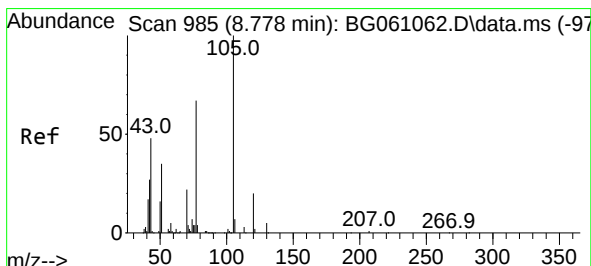
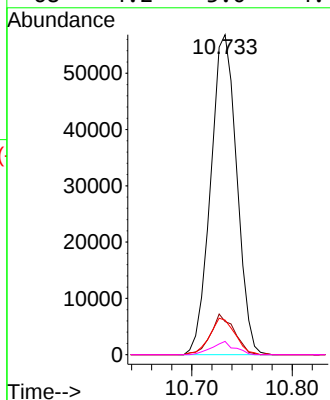
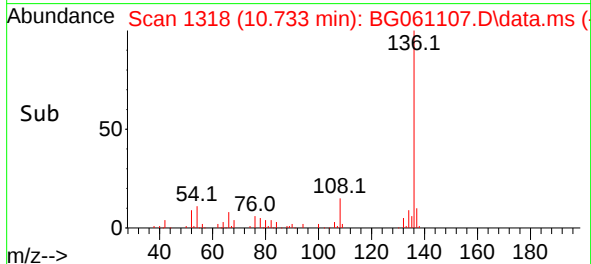
Tgt Ion:136 Resp: 102600
Ion Ratio Lower Upper
136 100
137 10.3 7.8 11.6
54 10.8 8.1 12.1
68 4.2 3.0 4.4

Manual Integrations

APPROVED

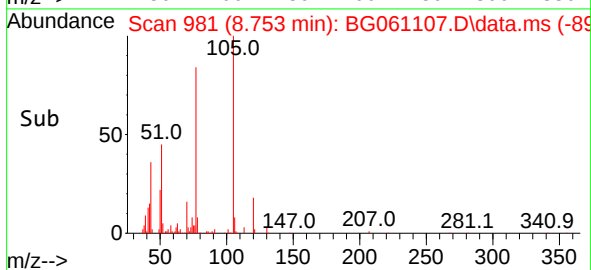
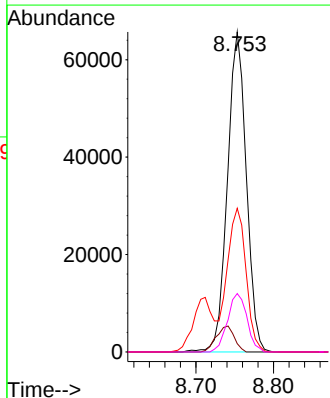
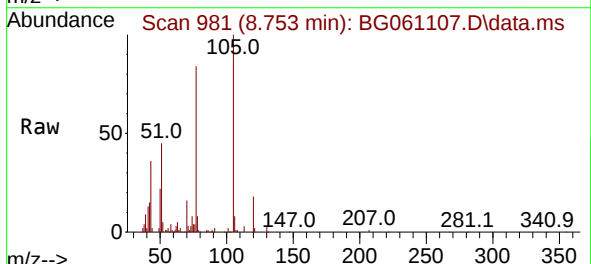
Reviewed By :Yogesh Patel 05/04/2024

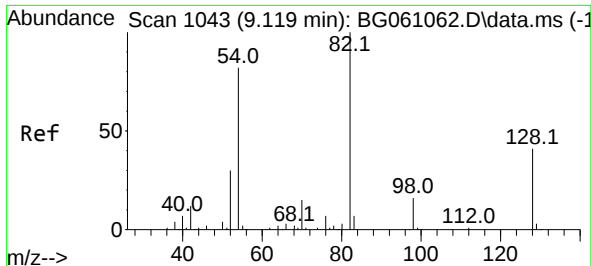
Supervised By :mohammad ahmed 05/06/2024



#22
Acetophenone
Concen: 43.584 ng
RT: 8.753 min Scan# 981
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:105 Resp: 111366
Ion Ratio Lower Upper
105 100
71 2.6 3.3 4.9#
51 44.9 36.7 55.1
120 18.2 15.7 23.5





#23

Nitrobenzene-d5

Concen: 52.990 ng

RT: 9.088 min Scan# 1043

Delta R.T. -0.031 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion: 82 Resp: 109674

Ion Ratio Lower Upper

82 100

128 41.9 32.7 49.1

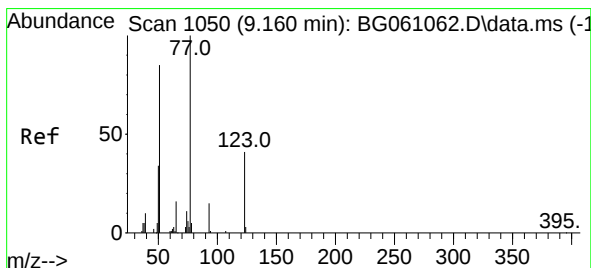
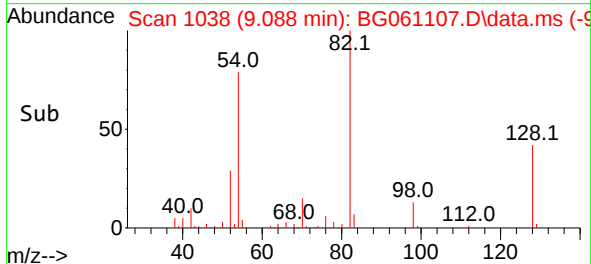
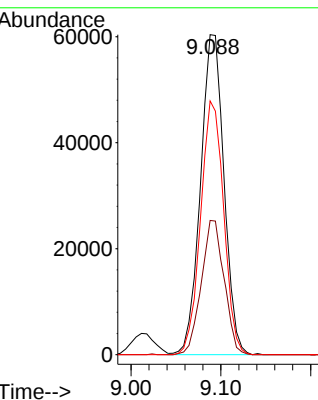
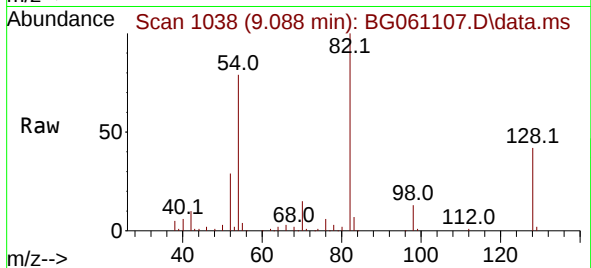
54 79.3 65.6 98.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#24

Nitrobenzene

Concen: 41.575 ng

RT: 9.135 min Scan# 1046

Delta R.T. -0.025 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

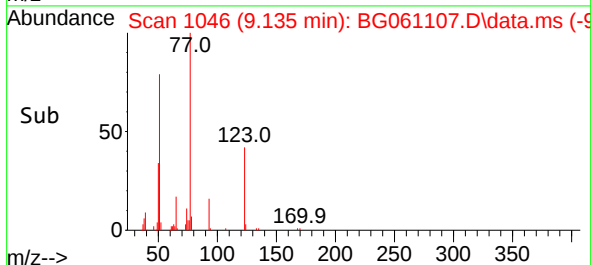
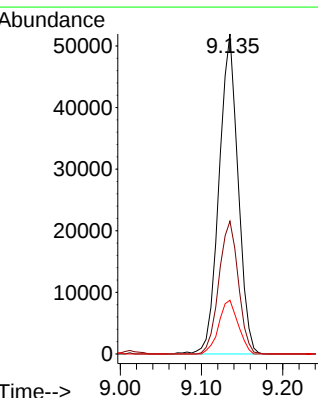
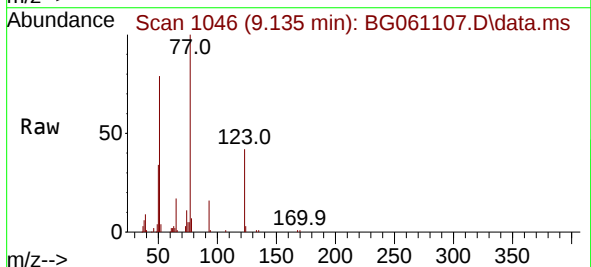
Tgt Ion: 77 Resp: 84180

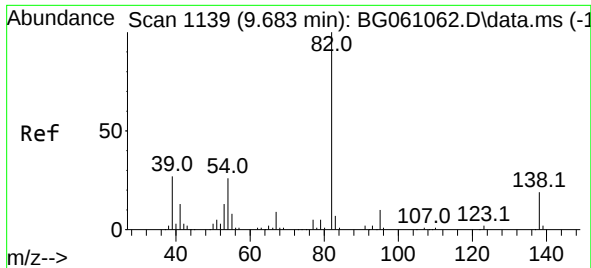
Ion Ratio Lower Upper

77 100

123 41.5 33.1 49.7

65 16.8 13.1 19.7





#25
Isophorone
Concen: 37.915 ng
RT: 9.658 min Scan# 1135
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

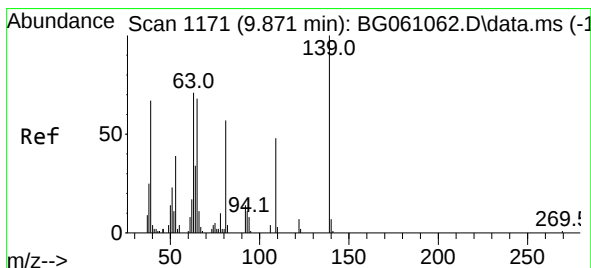
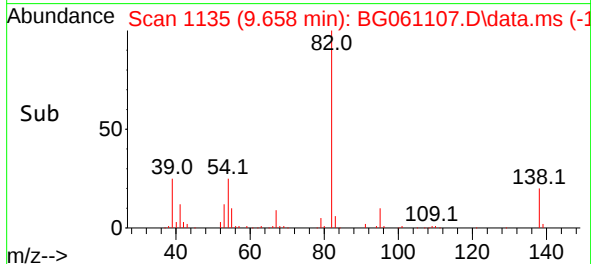
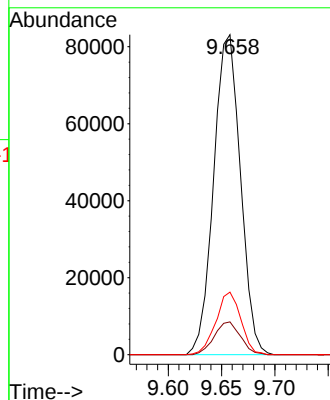
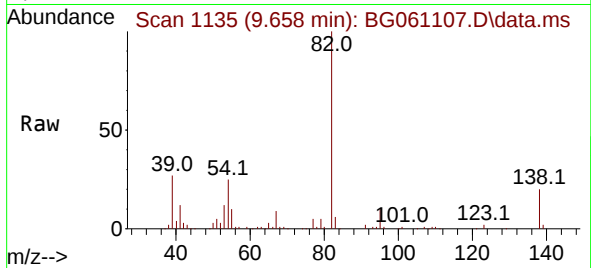
TP-1MSD

Tgt Ion: 82 Resp: 145060
Ion Ratio Lower Upper
82 100
95 10.2 8.3 12.5
138 19.5 15.2 22.8

Manual Integrations

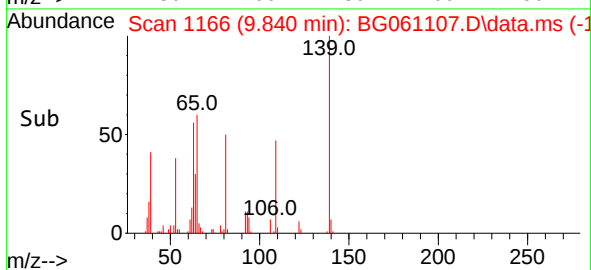
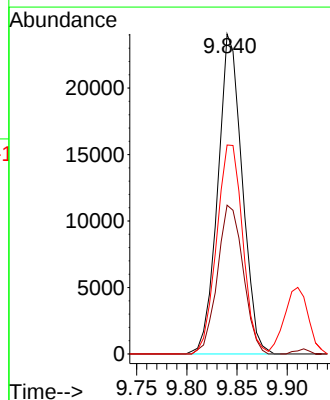
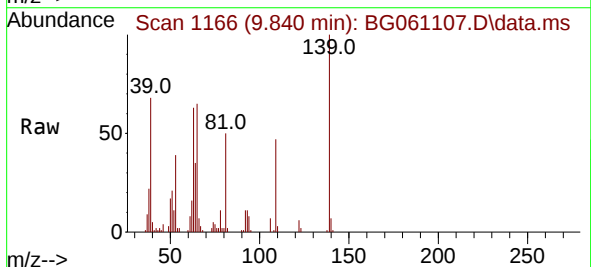
APPROVED

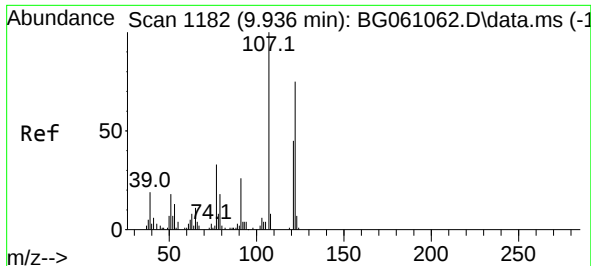
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#26
2-Nitrophenol
Concen: 42.325 ng
RT: 9.840 min Scan# 1166
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:139 Resp: 40603
Ion Ratio Lower Upper
139 100
109 46.5 38.5 57.7
65 65.3 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 47.349 ng

RT: 9.911 min Scan# 1182

Delta R.T. -0.025 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:122 Resp: 5236

Ion Ratio Lower Upper

122 100

107 125.7 106.9 160.3

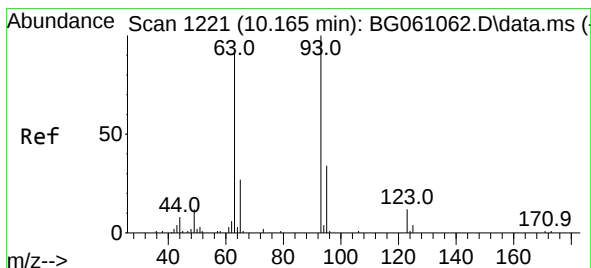
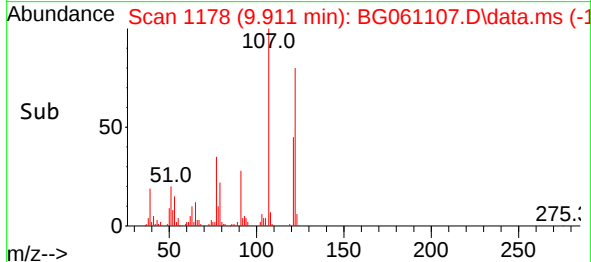
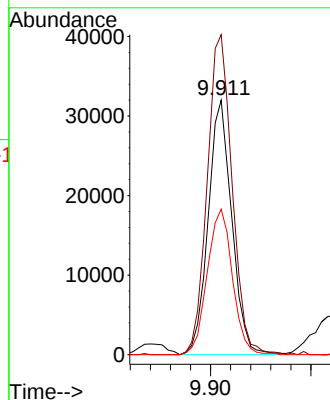
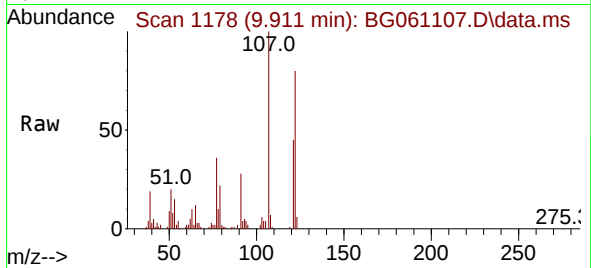
121 57.1 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.578 ng

RT: 10.140 min Scan# 1217

Delta R.T. -0.025 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

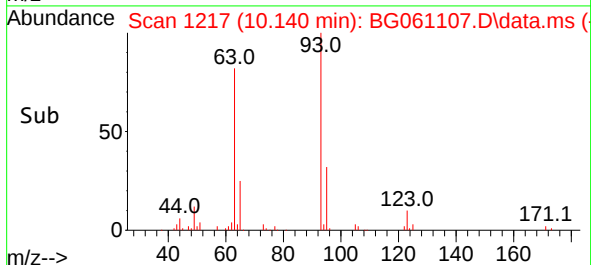
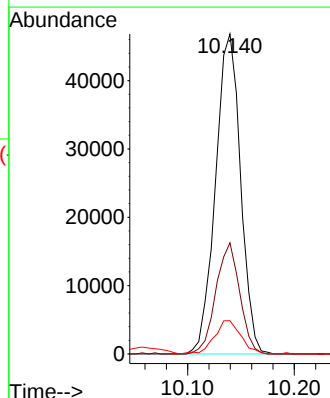
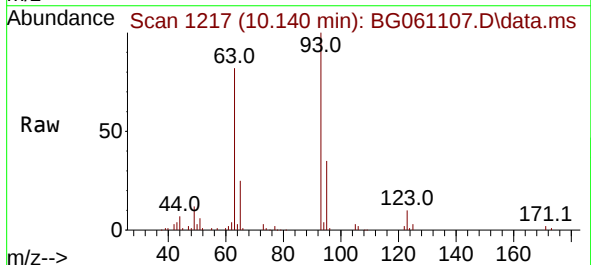
Tgt Ion: 93 Resp: 76193

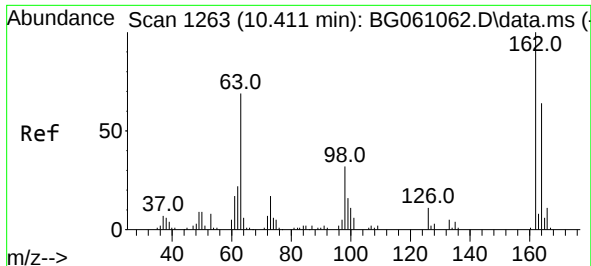
Ion Ratio Lower Upper

93 100

95 34.8 27.4 41.0

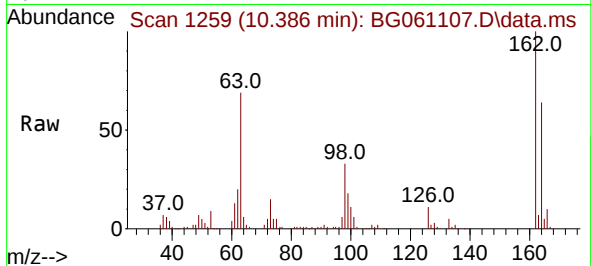
123 10.4 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 46.094 ng
RT: 10.386 min Scan# 1259
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

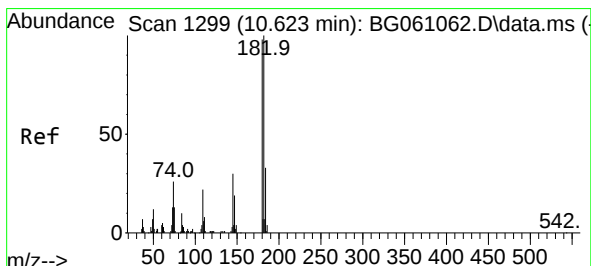
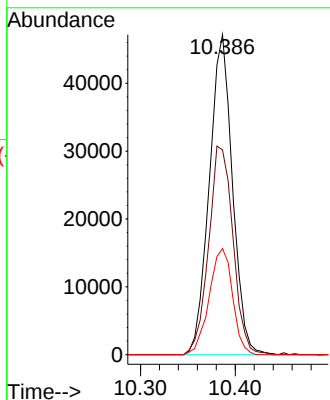
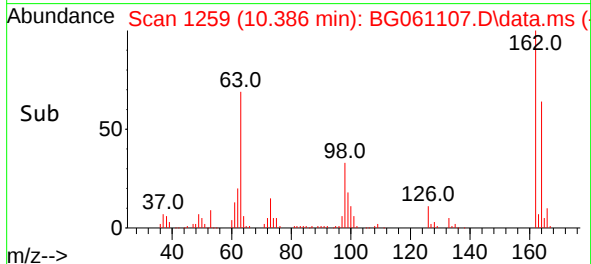
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:162 Resp: 7987
Ion Ratio Lower Upper
162 100
164 64.0 43.6 83.6
98 33.2 12.3 52.3

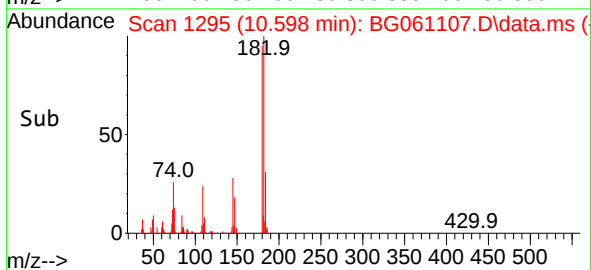
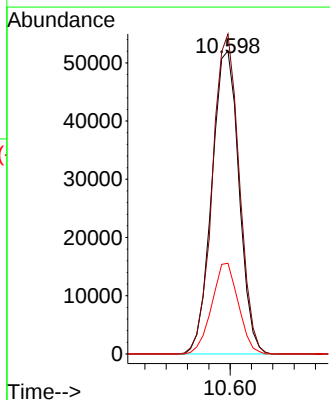
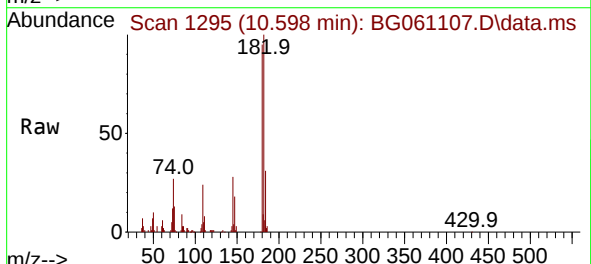
Manual Integrations
APPROVED

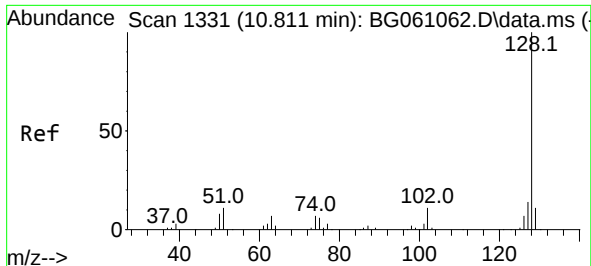
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.106 ng
RT: 10.598 min Scan# 1295
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

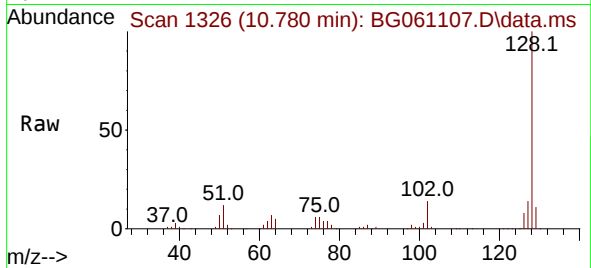
Tgt Ion:180 Resp: 92094
Ion Ratio Lower Upper
180 100
182 105.5 81.7 122.5
145 29.9 24.5 36.7





#31
Naphthalene
Concen: 43.080 ng
RT: 10.780 min Scan# 1331
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

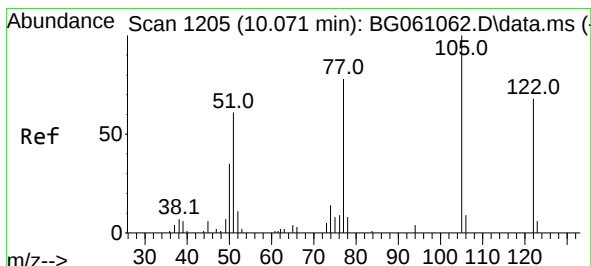
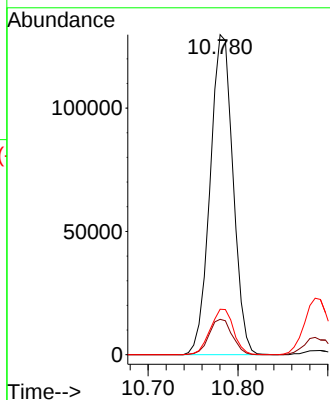
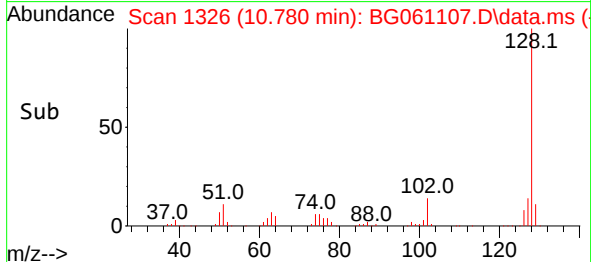
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:128 Resp: 229718
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 14.2 11.1 16.7

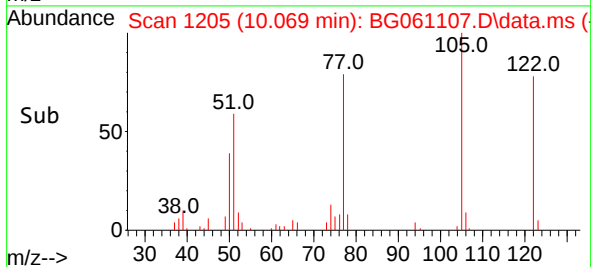
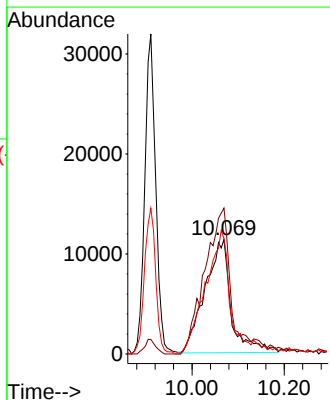
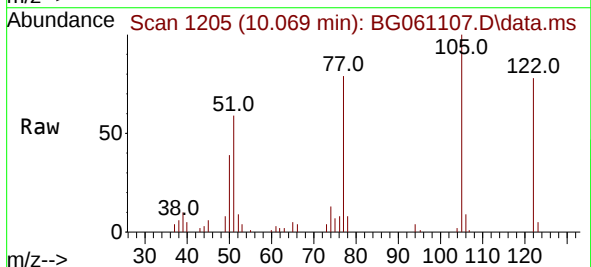
Manual Integrations
APPROVED

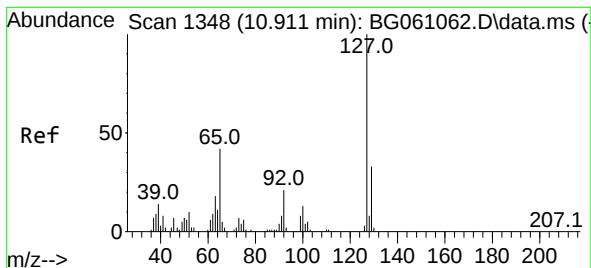
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#32
Benzoic acid
Concen: 34.936 ng
RT: 10.069 min Scan# 1205
Delta R.T. -0.001 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

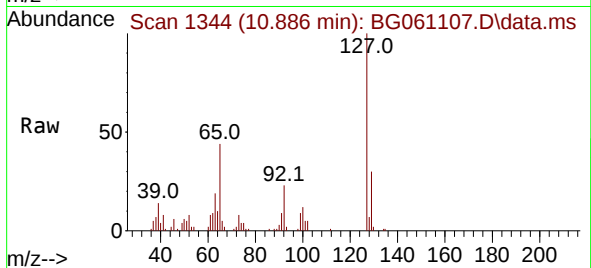
Tgt Ion:122 Resp: 44666
Ion Ratio Lower Upper
122 100
105 127.4 123.3 163.3
77 100.8 93.2 133.2





#33
4-Chloroaniline
Concen: 21.402 ng
RT: 10.886 min Scan# 11
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

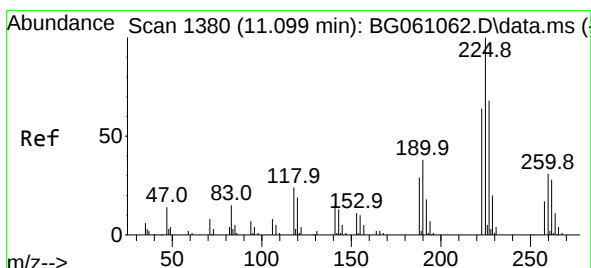
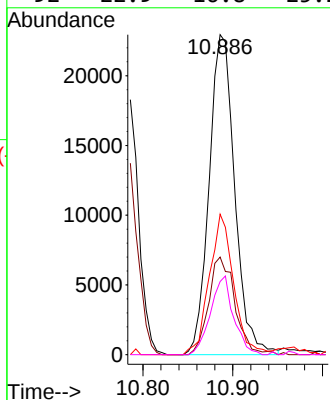
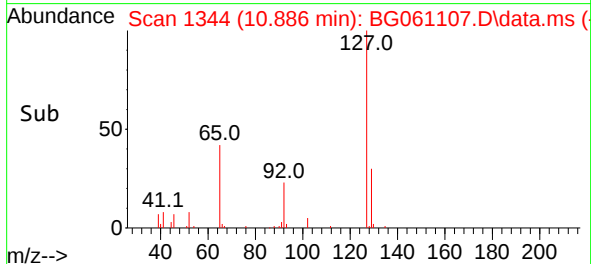
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



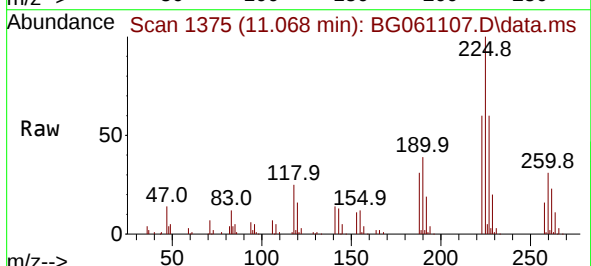
Tgt Ion:127 Resp: 4551
Ion Ratio Lower Upper
127 100
129 30.5 26.6 39.8
65 43.9 33.6 50.4
92 22.9 16.8 25.2

Manual Integrations
APPROVED

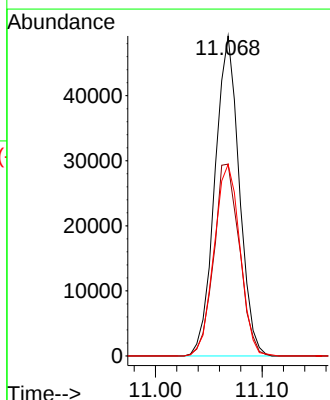
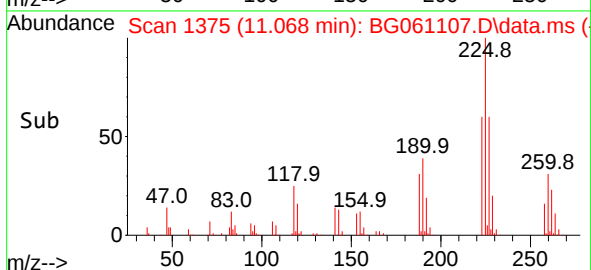
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

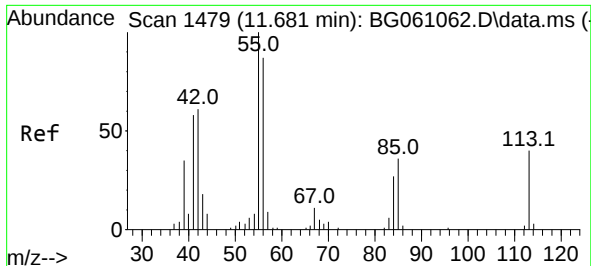


#34
Hexachlorobutadiene
Concen: 43.550 ng
RT: 11.068 min Scan# 1375
Delta R.T. -0.031 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



Tgt Ion:225 Resp: 78023
Ion Ratio Lower Upper
225 100
223 59.9 51.0 76.4
227 59.8 54.6 82.0





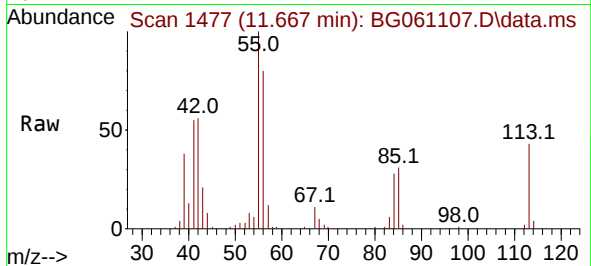
#35
Caprolactam
Concen: 36.272 ng m
RT: 11.667 min Scan# 1479
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

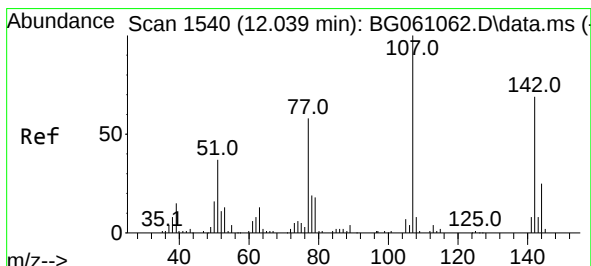
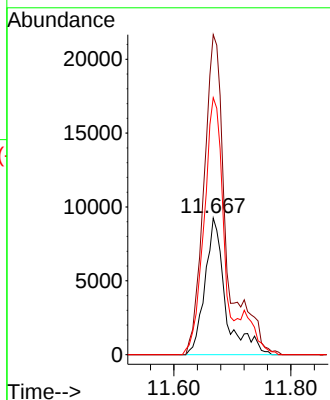
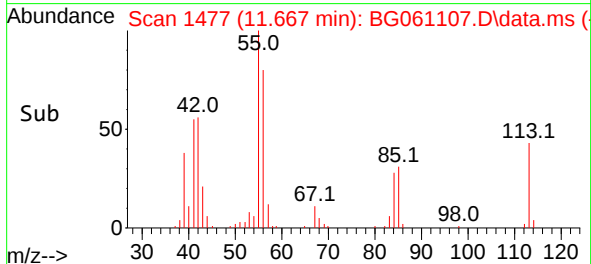


Tgt Ion:113 Resp: 22630
Ion Ratio Lower Upper
113 100
55 234.2 227.6 267.6
56 188.0 195.1 235.1

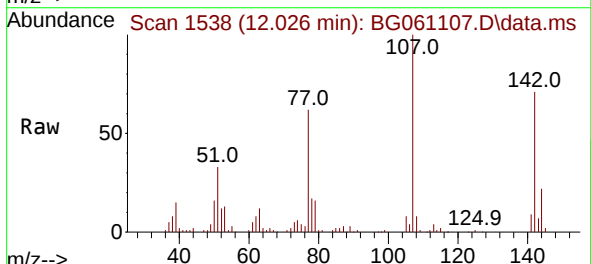
Manual Integrations

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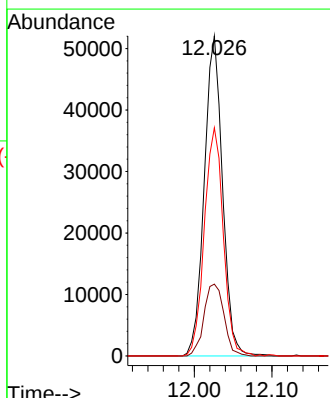
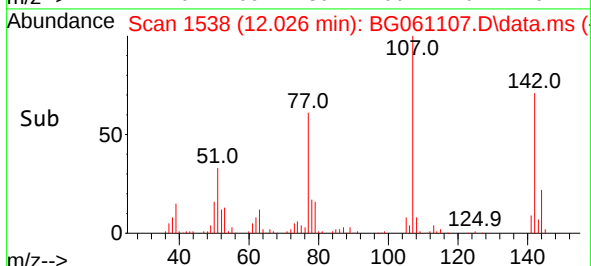
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

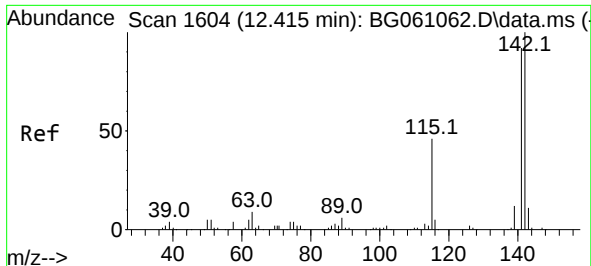


#36
4-Chloro-3-methylphenol
Concen: 40.819 ng
RT: 12.026 min Scan# 1538
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



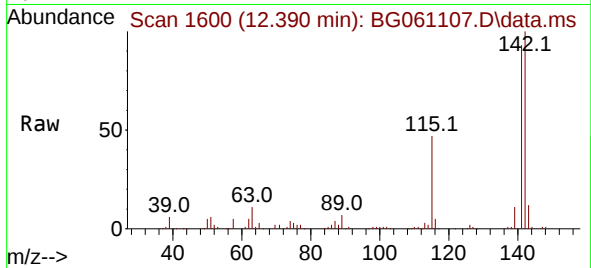
Tgt Ion:107 Resp: 85295
Ion Ratio Lower Upper
107 100
144 22.5 20.2 30.4
142 71.3 55.6 83.4





#37
2-Methylnaphthalene
Concen: 41.891 ng
RT: 12.390 min Scan# 1600
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

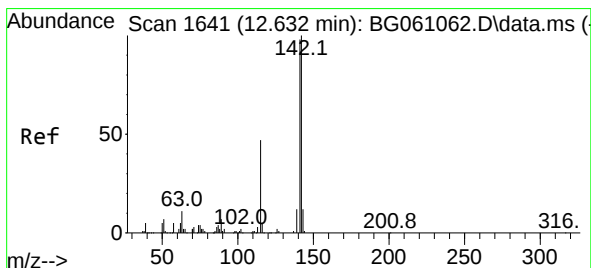
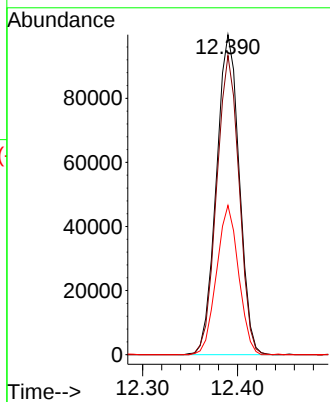
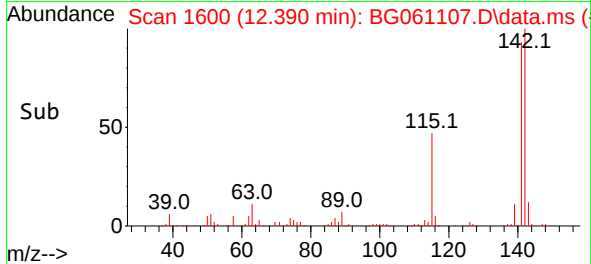
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:142 Resp: 16739
Ion Ratio Lower Upper
142 100
141 93.5 73.8 110.8
115 46.6 36.9 55.3

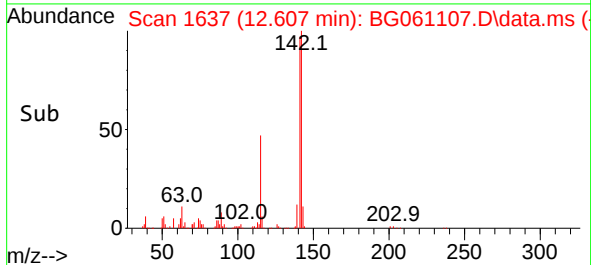
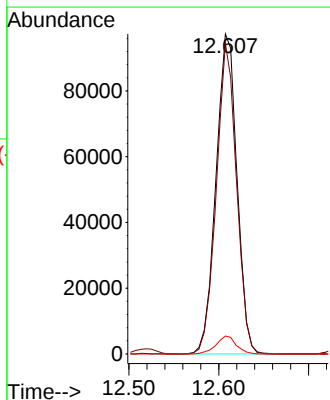
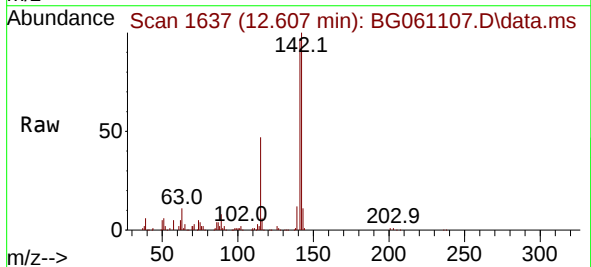
Manual Integrations
APPROVED

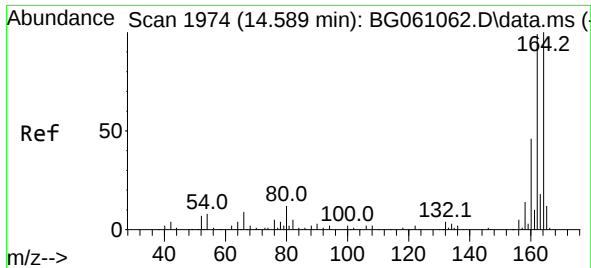
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#38
1-Methylnaphthalene
Concen: 39.212 ng
RT: 12.607 min Scan# 1637
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:142 Resp: 157742
Ion Ratio Lower Upper
142 100
141 97.1 78.4 117.6
116 5.6 4.3 6.5





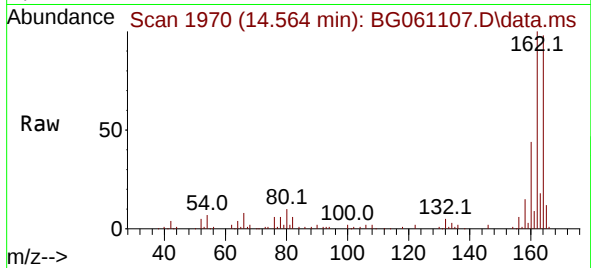
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1970
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



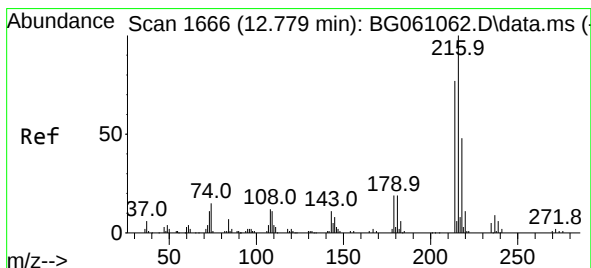
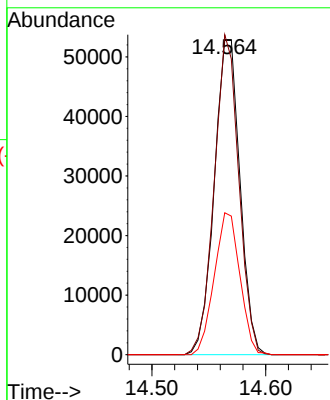
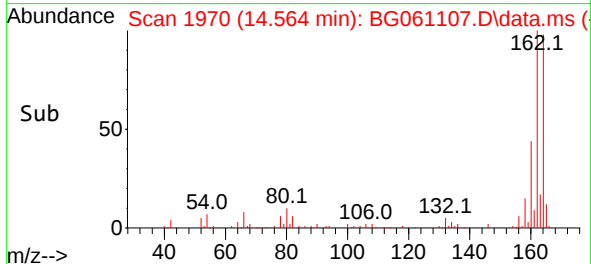
Tgt Ion:164 Resp: 83034
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 45.0 37.0 55.6

Manual Integrations

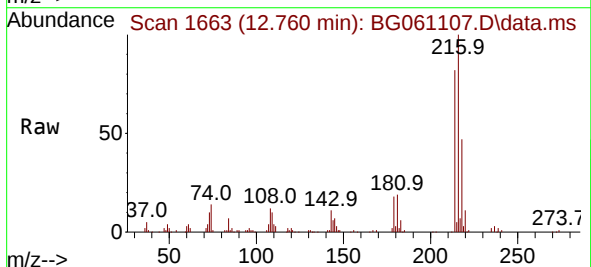
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

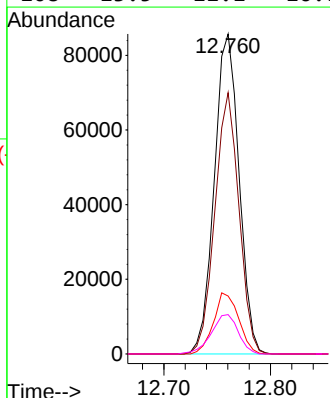
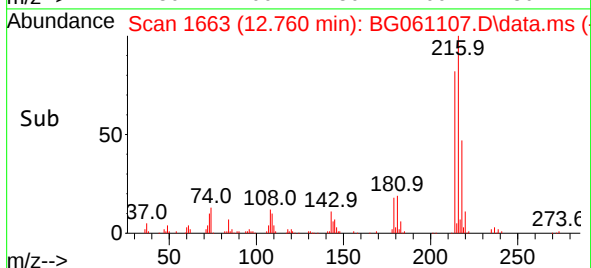
Supervised By :mohammad ahmed 05/06/2024

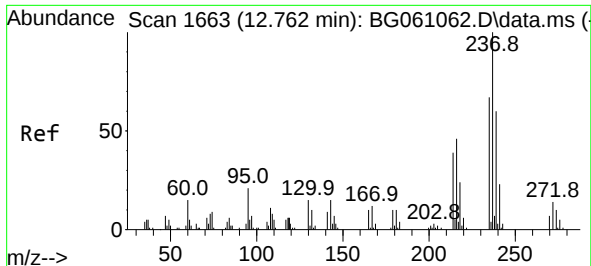


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.804 ng
RT: 12.760 min Scan# 1663
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



Tgt Ion:216 Resp: 138011
Ion Ratio Lower Upper
216 100
214 79.3 64.2 96.2
179 19.3 15.4 23.2
108 13.5 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 44.425 ng
RT: 12.737 min Scan# 1659
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

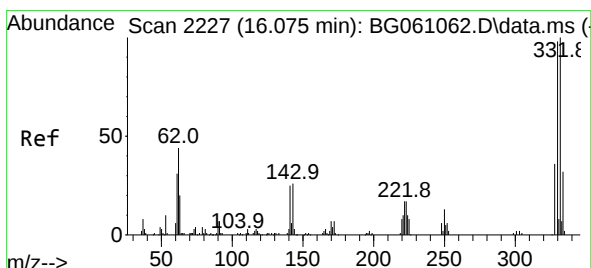
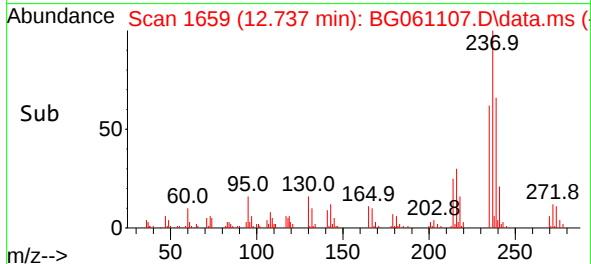
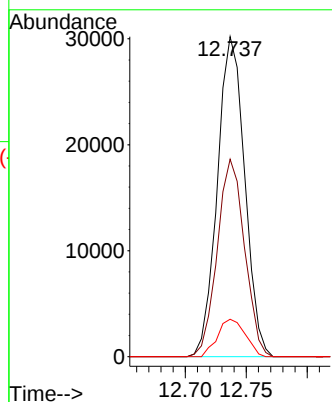
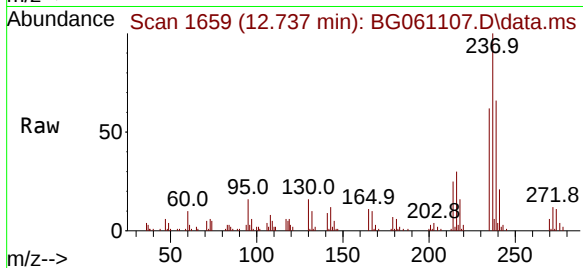
TP-1MSD

Tgt Ion:237 Resp: 4712
Ion Ratio Lower Upper
237 100
235 61.7 46.5 86.5
272 11.7 0.0 33.9

Manual Integrations

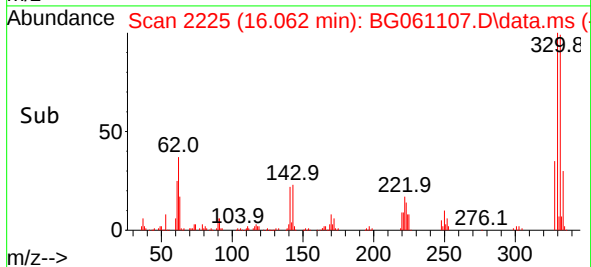
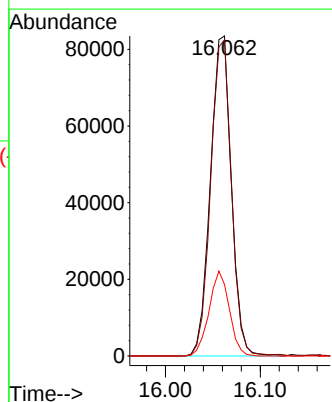
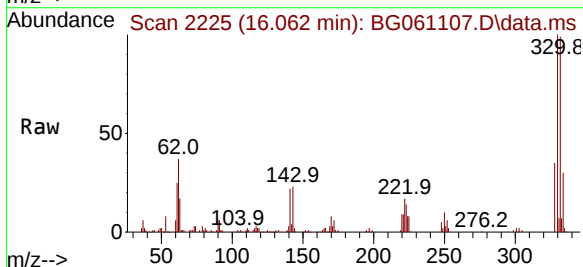
APPROVED

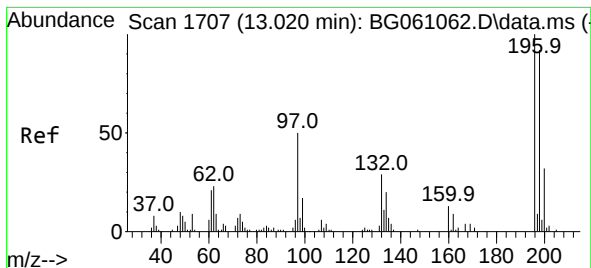
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#42
2,4,6-Tribromophenol
Concen: 77.043 ng
RT: 16.062 min Scan# 2225
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:330 Resp: 127869
Ion Ratio Lower Upper
330 100
332 97.8 78.6 117.8
141 25.6 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 46.263 ng

RT: 13.001 min Scan# 1

Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:196 Resp: 8230

Ion Ratio Lower Upper

196 100

198 96.8 73.8 110.6

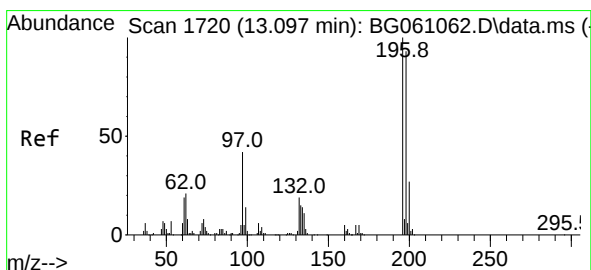
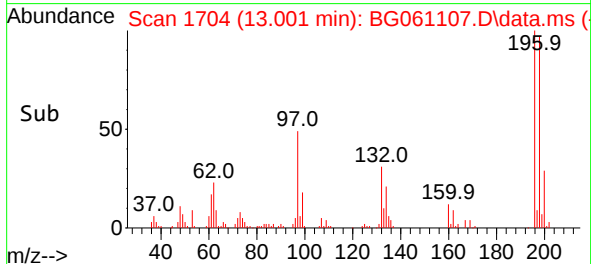
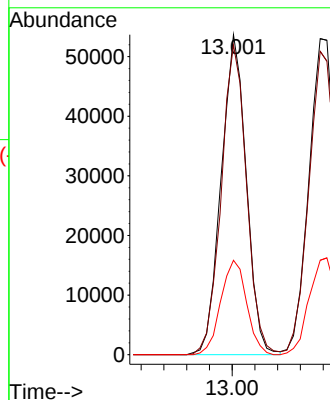
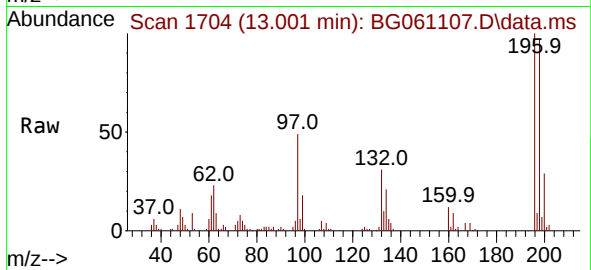
200 29.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#44

2,4,5-Trichlorophenol

Concen: 44.257 ng

RT: 13.077 min Scan# 1717

Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Tgt Ion:196 Resp: 89111

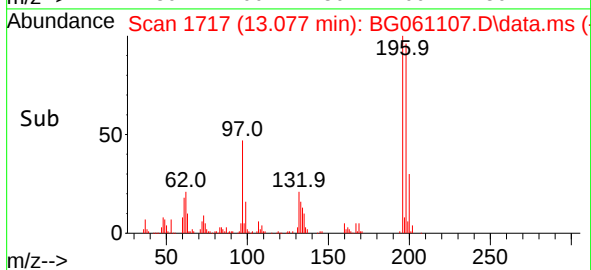
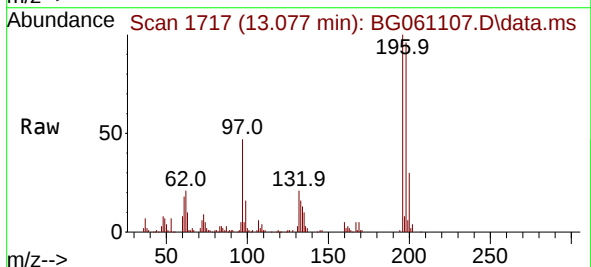
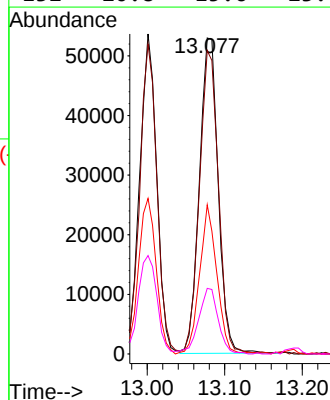
Ion Ratio Lower Upper

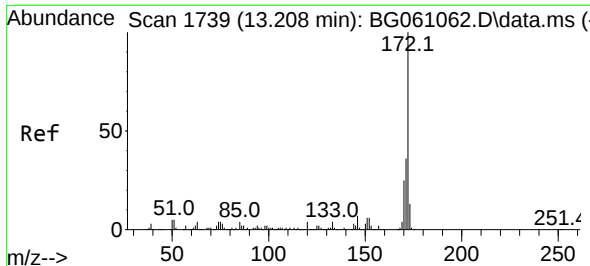
196 100

198 96.0 74.3 111.5

97 47.2 33.6 50.4

132 20.8 15.6 23.4





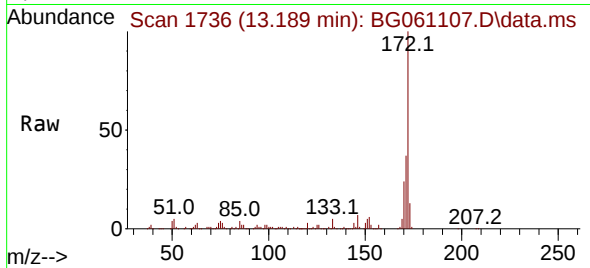
#45
2-Fluorobiphenyl
Concen: 55.224 ng
RT: 13.189 min Scan# 1736
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

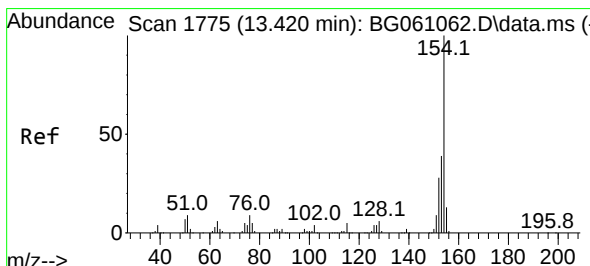
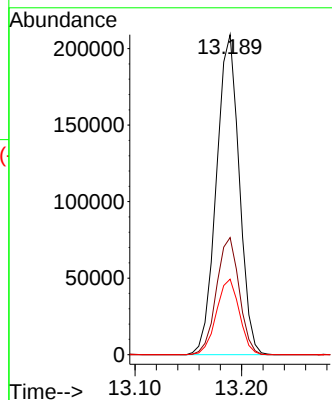
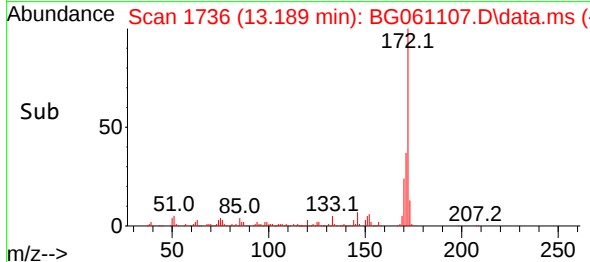


Tgt Ion:172 Resp: 31009
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 23.6 20.2 30.4

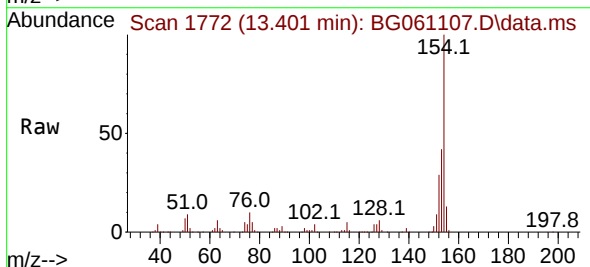
Manual Integrations

APPROVED

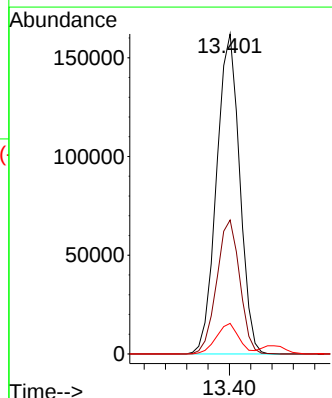
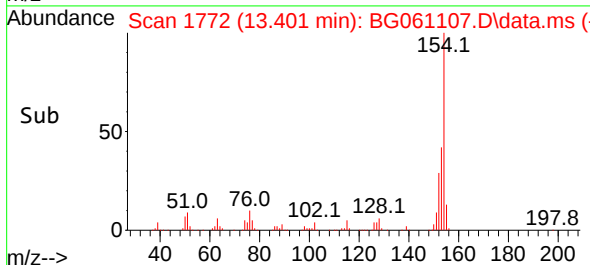
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

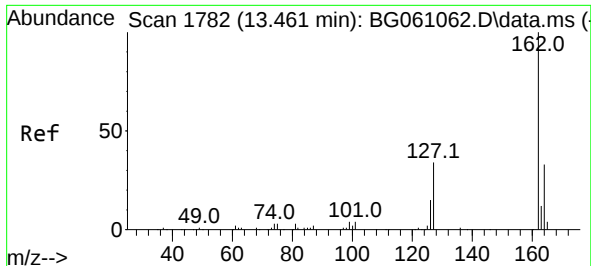


#46
1,1'-Biphenyl
Concen: 45.730 ng
RT: 13.401 min Scan# 1772
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



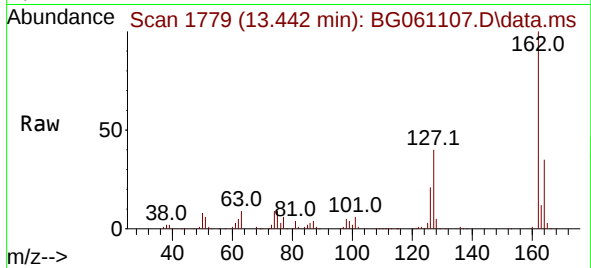
Tgt Ion:154 Resp: 243468
Ion Ratio Lower Upper
154 100
153 41.8 19.3 59.3
76 9.5 0.0 28.8





#47
2-Chloronaphthalene
Concen: 44.275 ng
RT: 13.442 min Scan# 1782
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

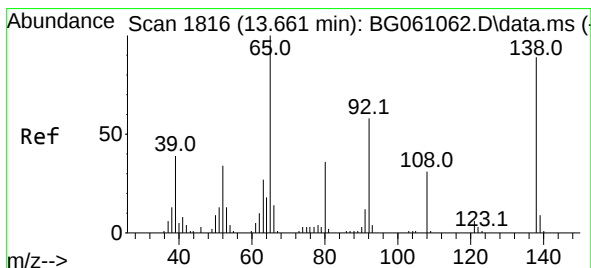
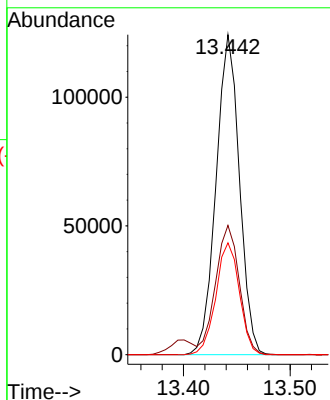
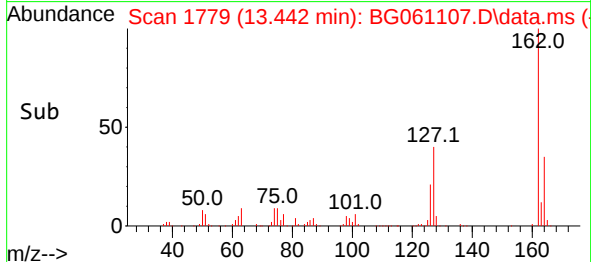
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:162 Resp: 188754
Ion Ratio Lower Upper
162 100
127 40.4 30.7 46.1
164 35.0 26.8 40.2

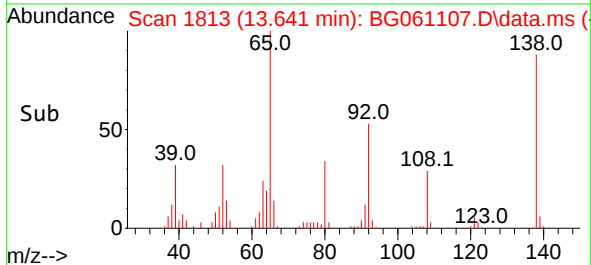
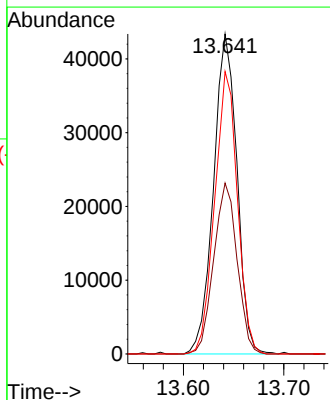
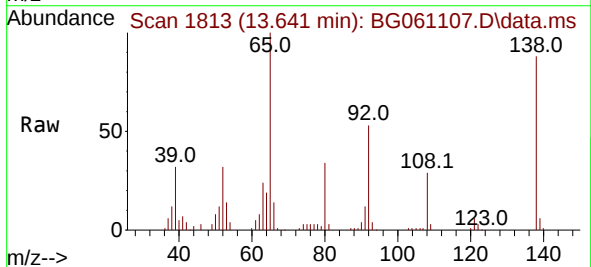
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#48
2-Nitroaniline
Concen: 44.345 ng
RT: 13.641 min Scan# 1813
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion: 65 Resp: 70153
Ion Ratio Lower Upper
65 100
92 53.4 46.7 70.1
138 88.3 71.4 107.2





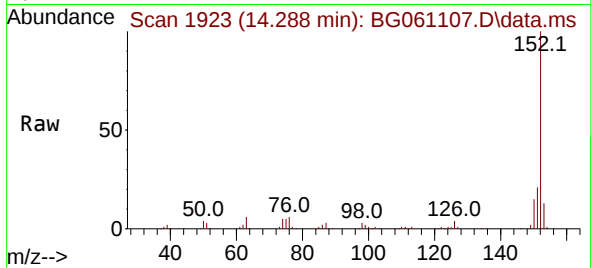
#49
Acenaphthylene
Concen: 47.442 ng
RT: 14.288 min Scan# 1926
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

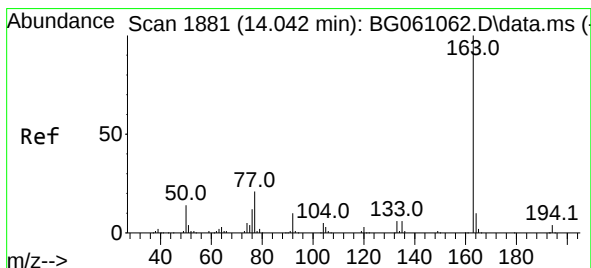
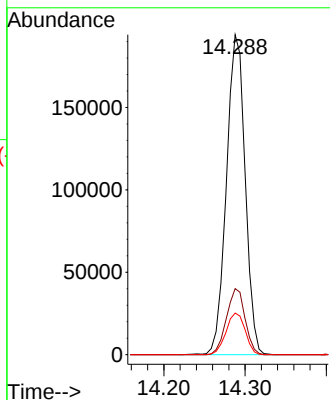
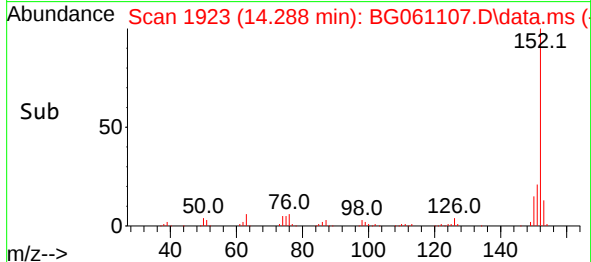


Tgt Ion:152 Resp: 31064
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.0 10.6 15.8

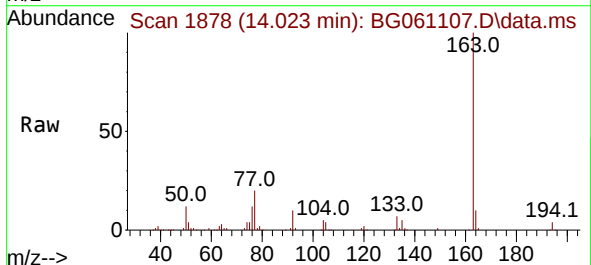
Manual Integrations

APPROVED

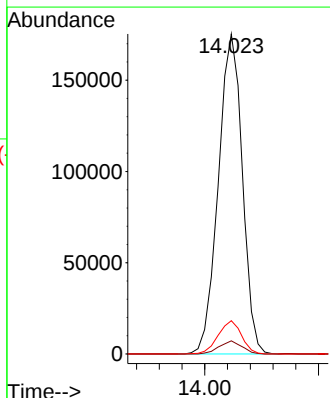
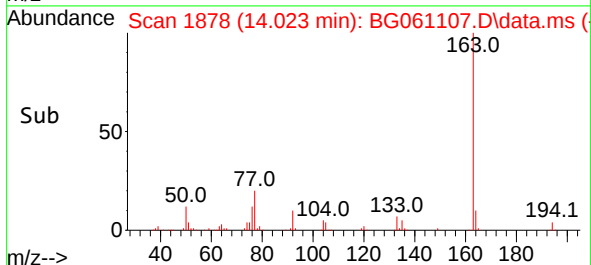
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#50
Dimethylphthalate
Concen: 40.104 ng
RT: 14.023 min Scan# 1878
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



Tgt Ion:163 Resp: 257203
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.4 7.8 11.8





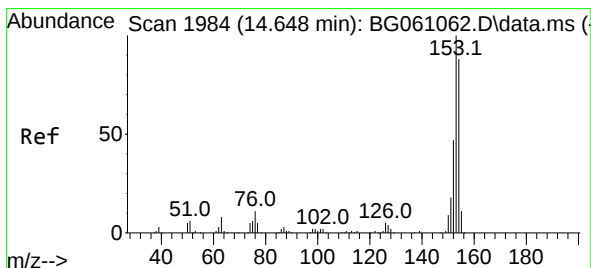
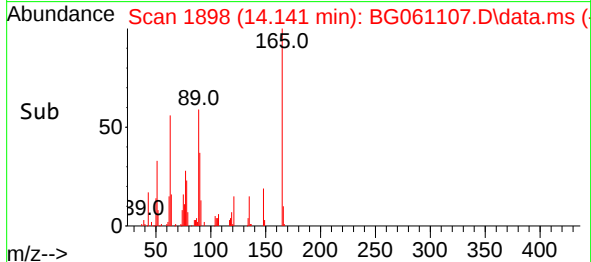
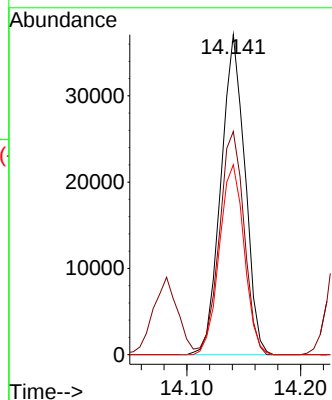
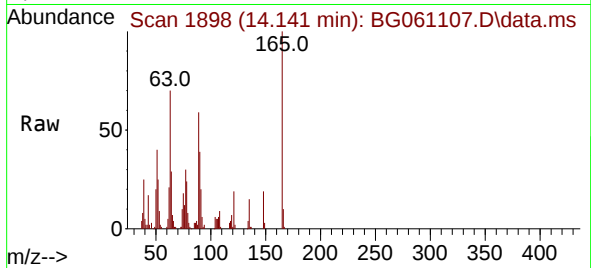
#51
2,6-Dinitrotoluene
Concen: 39.674 ng
RT: 14.141 min Scan# 1898
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:165 Resp: 54429
Ion Ratio Lower Upper
165 100
63 69.7 60.0 90.0
89 59.3 50.9 76.3

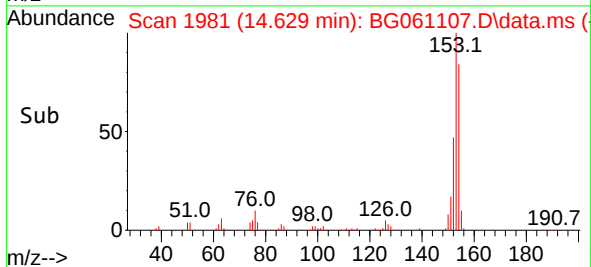
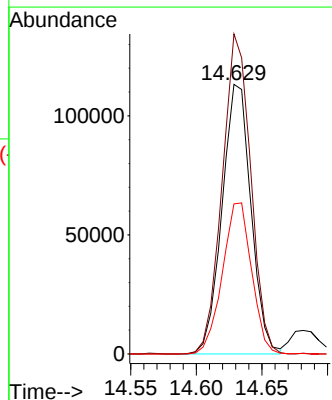
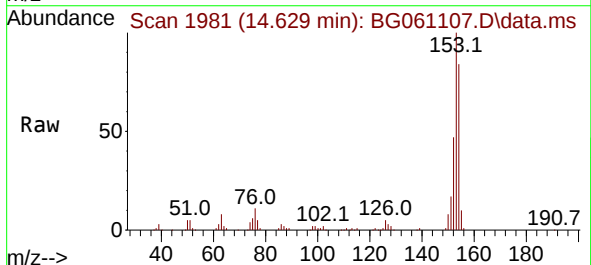
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#52
Acenaphthene
Concen: 42.513 ng
RT: 14.629 min Scan# 1981
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:154 Resp: 173654
Ion Ratio Lower Upper
154 100
153 118.7 91.0 136.4
152 55.7 43.1 64.7





#53
3-Nitroaniline
Concen: 31.484 ng
RT: 14.470 min Scan# 1954
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

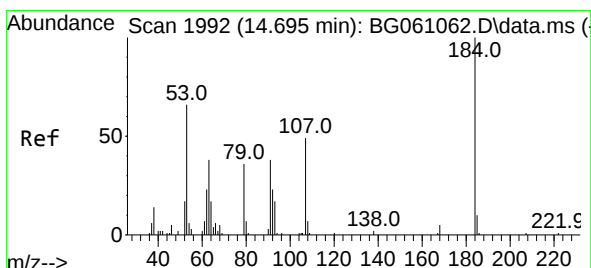
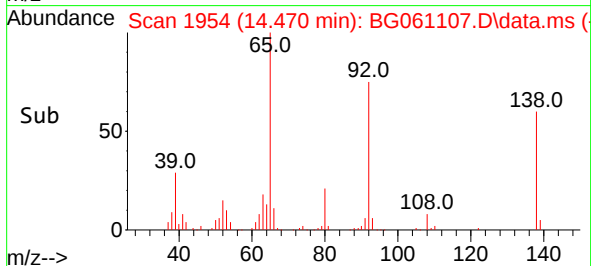
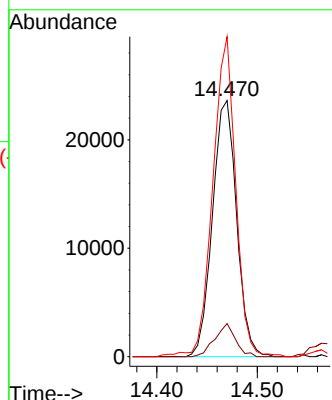
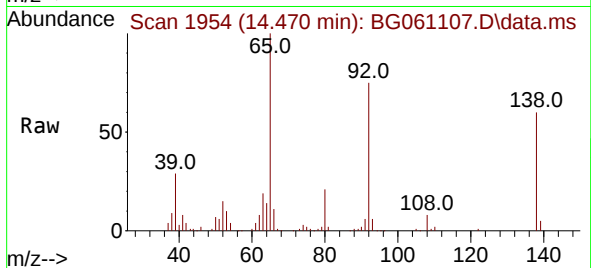
Tgt Ion:138 Resp: 39519
Ion Ratio Lower Upper
138 100
108 12.9 8.2 12.2
92 124.9 98.0 147.0

Manual Integrations

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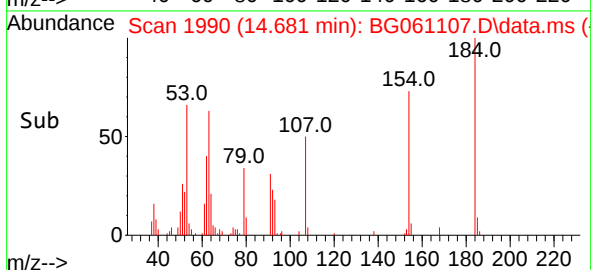
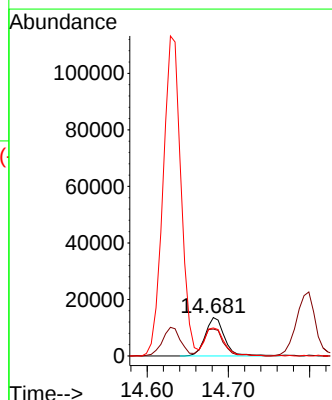
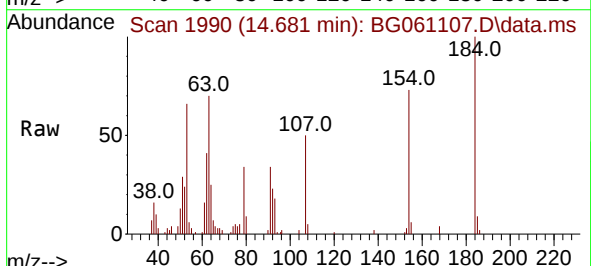
Reviewed By :Yogesh Patel 05/04/2024

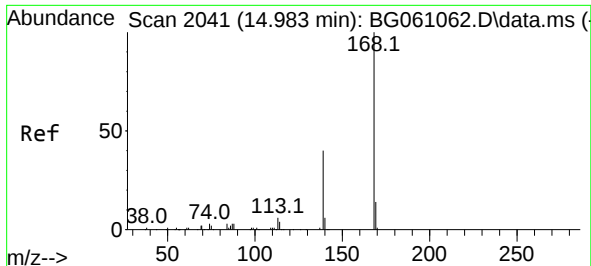
Supervised By :mohammad ahmed 05/06/2024



#54
2,4-Dinitrophenol
Concen: 24.475 ng
RT: 14.681 min Scan# 1990
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:184 Resp: 22268
Ion Ratio Lower Upper
184 100
63 69.8 62.6 93.8
154 72.8 61.4 92.0





#55
Dibenzenofuran
Concen: 43.644 ng
RT: 14.969 min Scan# 2041
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

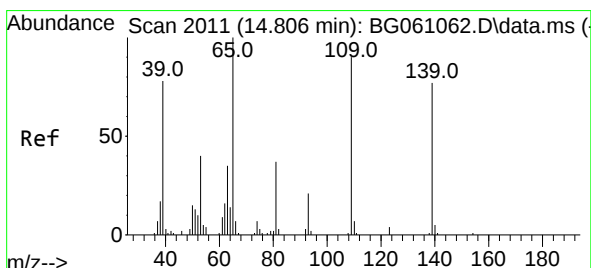
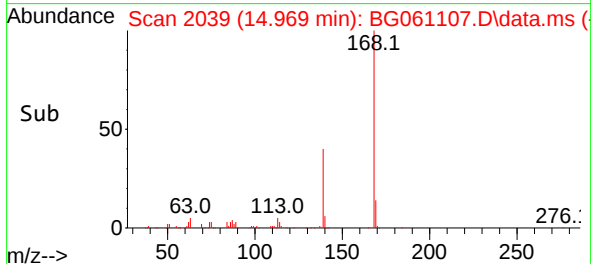
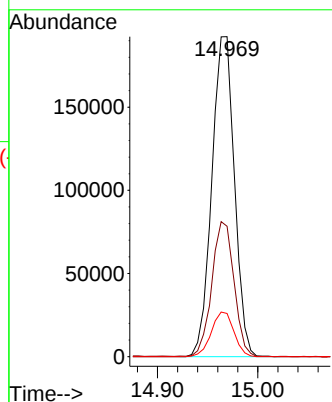
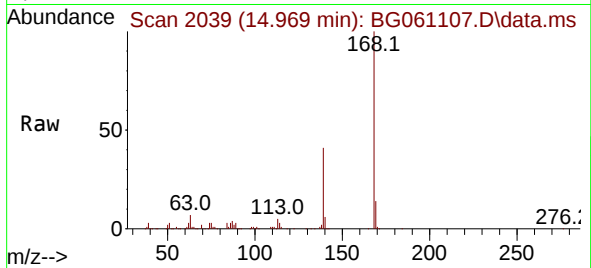
TP-1MSD

Tgt Ion:168 Resp: 301120
Ion Ratio Lower Upper
168 100
139 40.8 32.2 48.4
169 13.5 11.4 17.2

Manual Integrations

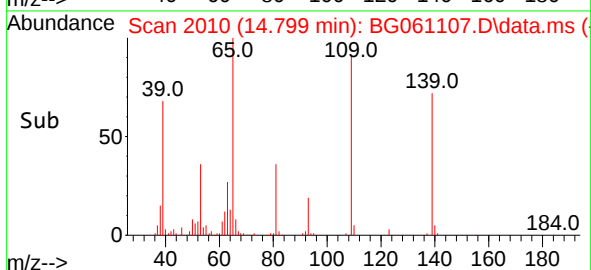
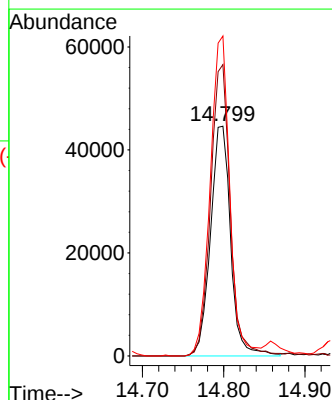
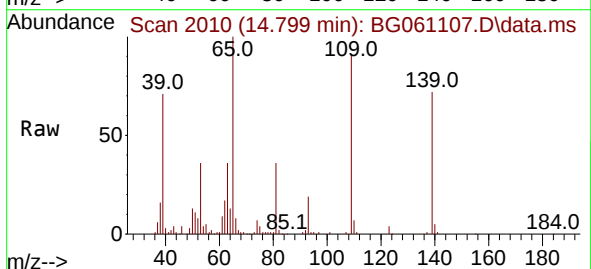
APPROVED

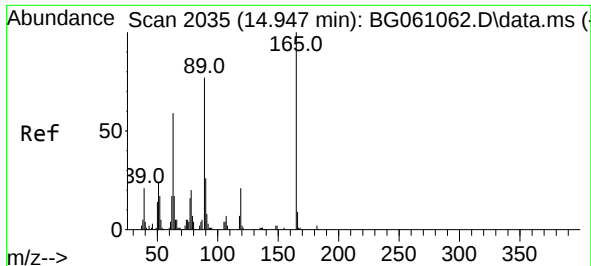
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#56
4-Nitrophenol
Concen: 75.691 ng
RT: 14.799 min Scan# 2010
Delta R.T. -0.007 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:139 Resp: 76781
Ion Ratio Lower Upper
139 100
109 126.8 97.7 137.7
65 139.3 110.7 150.7





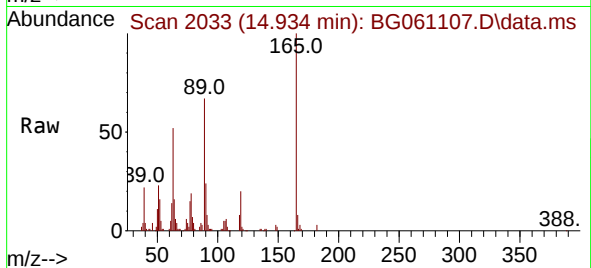
#57
2,4-Dinitrotoluene
Concen: 38.366 ng
RT: 14.934 min Scan# 2035
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

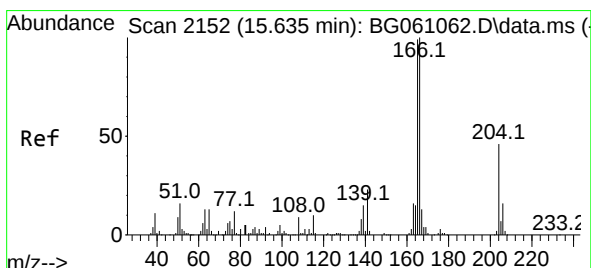
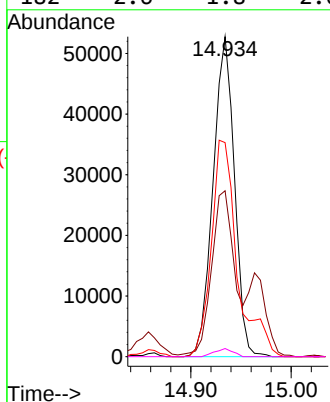
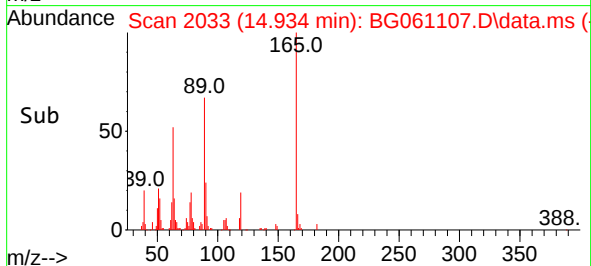


Tgt Ion:165 Resp: 7786
Ion Ratio Lower Upper
165 100
63 51.9 47.3 70.9
89 66.9 61.8 92.8
182 2.6 1.8 2.6

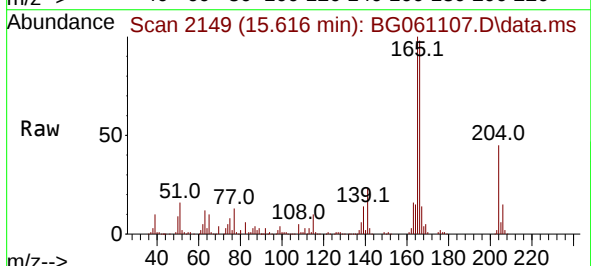
Manual Integrations

APPROVED

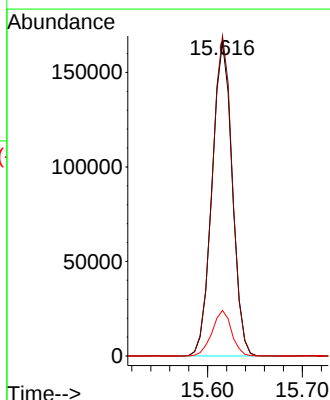
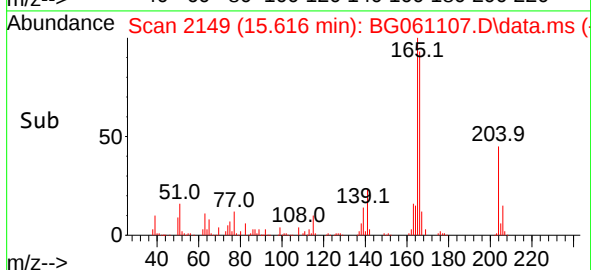
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

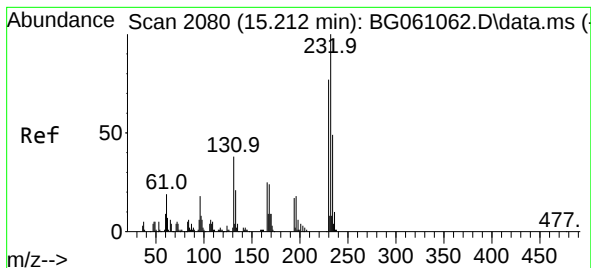


#58
Fluorene
Concen: 41.062 ng
RT: 15.616 min Scan# 2149
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



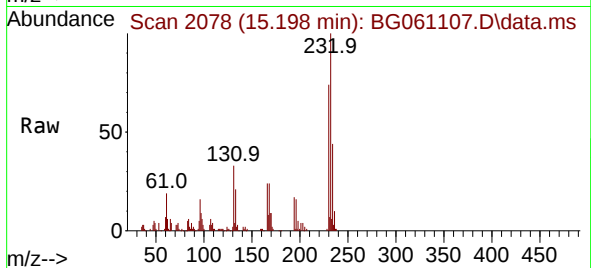
Tgt Ion:166 Resp: 245148
Ion Ratio Lower Upper
166 100
165 102.0 78.9 118.3
167 14.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.947 ng
RT: 15.198 min Scan# 2080
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

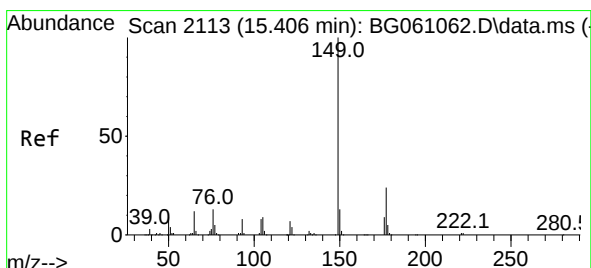
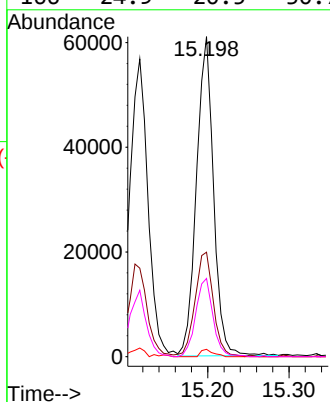
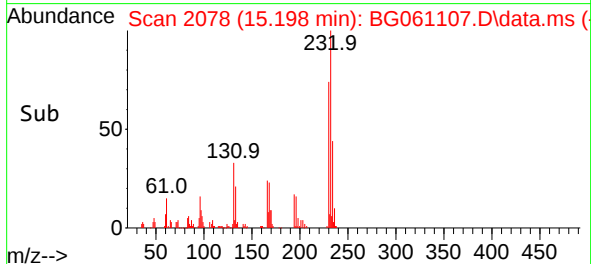
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



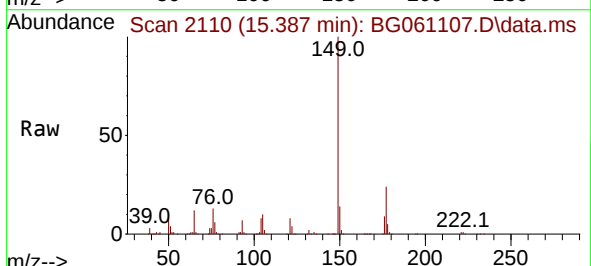
Tgt Ion:232 Resp: 89010
Ion Ratio Lower Upper
232 100
131 35.1 27.0 40.4
130 1.7 1.7 2.5
166 24.9 20.5 30.7

Manual Integrations
APPROVED

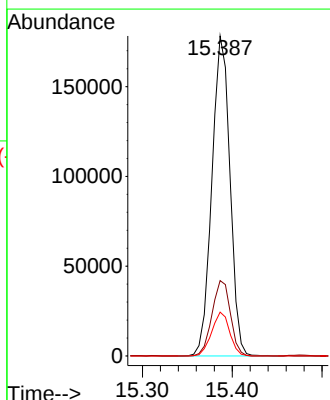
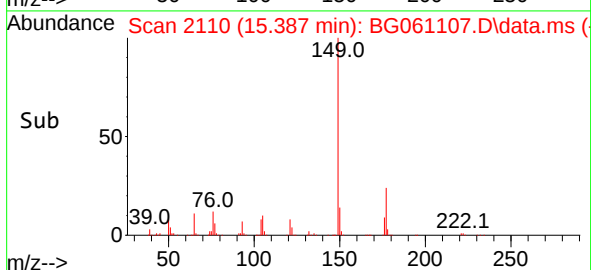
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

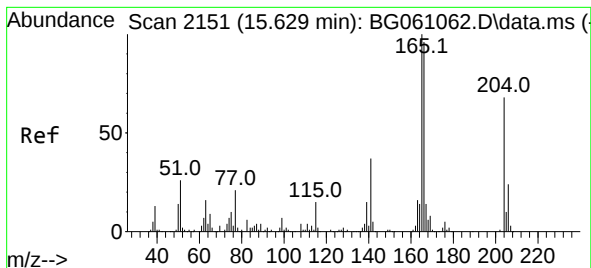


#60
Diethylphthalate
Concen: 38.464 ng
RT: 15.387 min Scan# 2110
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



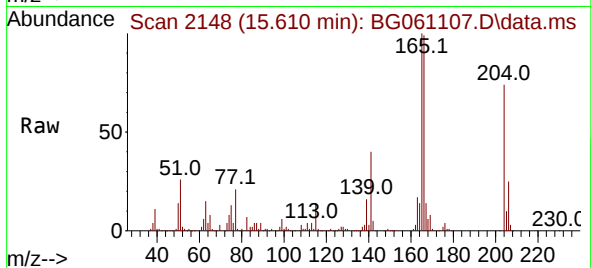
Tgt Ion:149 Resp: 248763
Ion Ratio Lower Upper
149 100
177 23.5 19.1 28.7
150 13.7 10.6 16.0





#61
4-Chlorophenyl-phenylether
Concen: 42.234 ng
RT: 15.610 min Scan# 2148
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

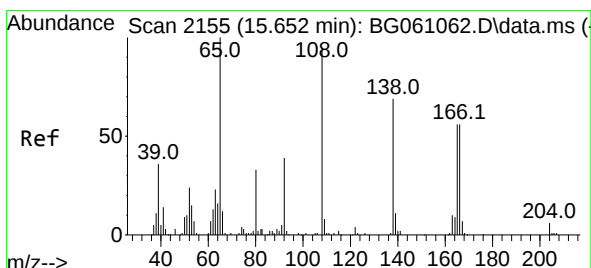
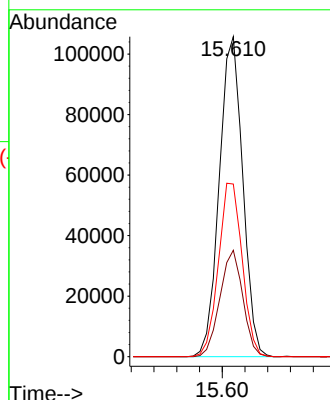
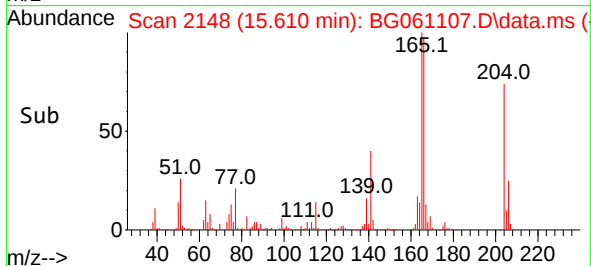
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:204 Resp: 15140
Ion Ratio Lower Upper
204 100
206 33.3 27.8 41.6
141 54.0 42.9 64.3

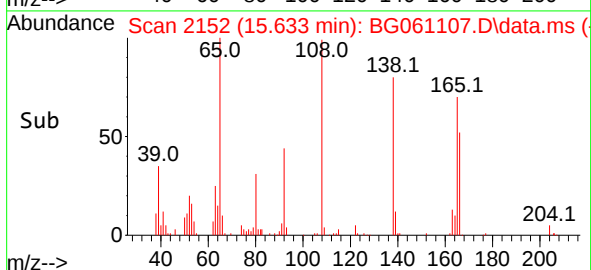
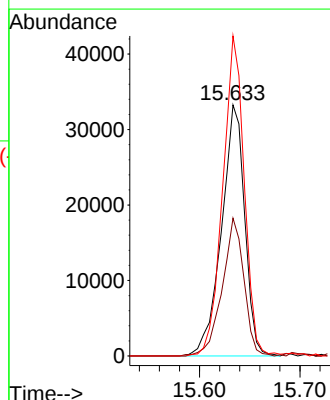
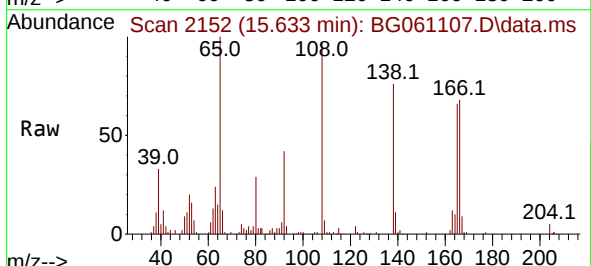
Manual Integrations
APPROVED

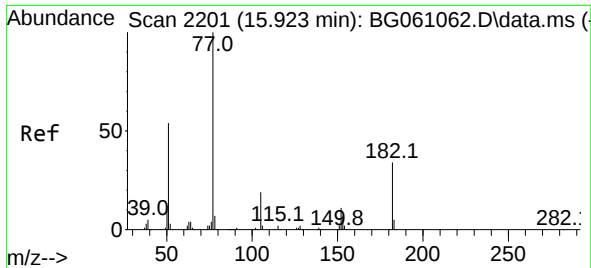
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#62
4-Nitroaniline
Concen: 39.176 ng
RT: 15.633 min Scan# 2152
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:138 Resp: 53333
Ion Ratio Lower Upper
138 100
92 54.9 35.5 75.5
108 127.5 116.2 156.2





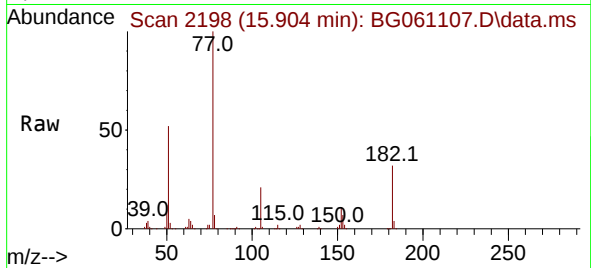
#63
Azobenzene
Concen: 41.845 ng
RT: 15.904 min Scan# 21067
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

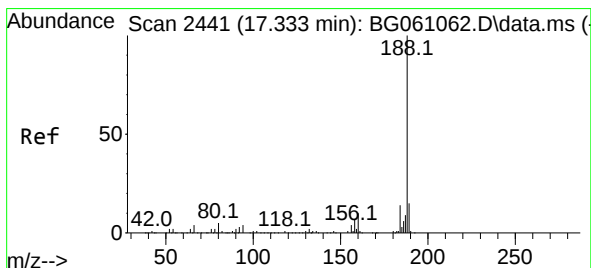
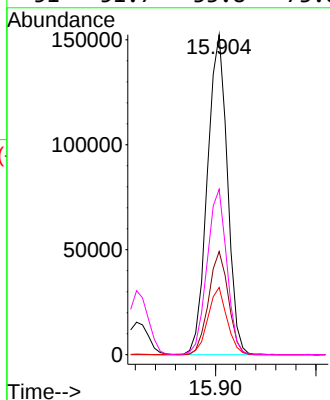
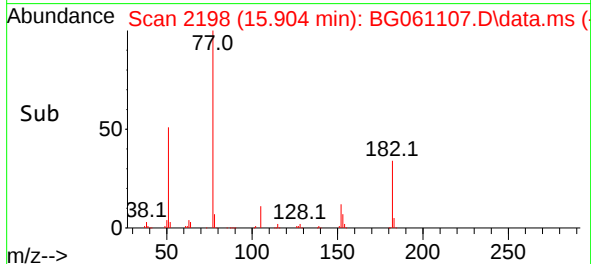


Tgt Ion: 77 Resp: 21067
Ion Ratio Lower Upper
77 100
182 32.3 13.5 53.5
105 21.0 0.0 39.3
51 51.7 33.8 73.8

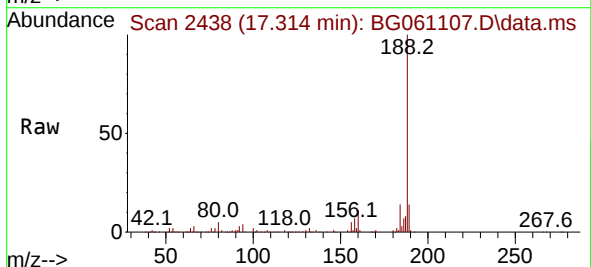
Manual Integrations

APPROVED

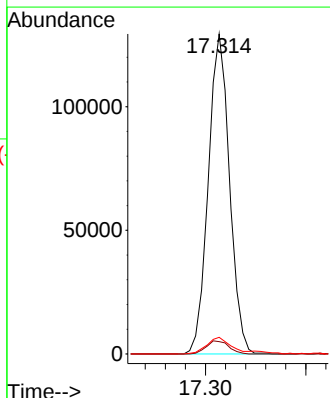
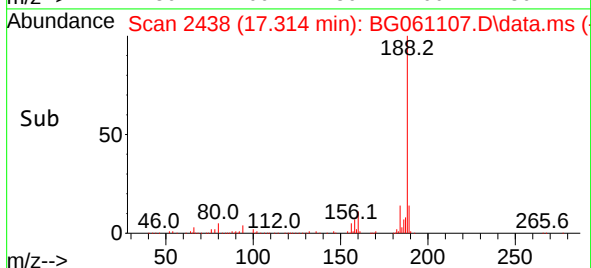
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

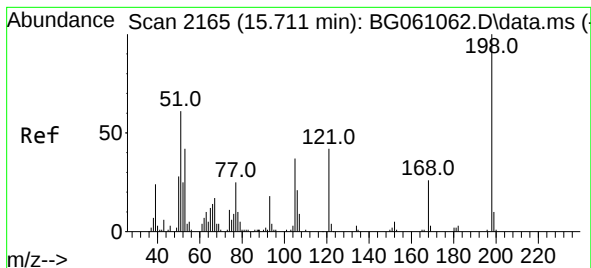


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



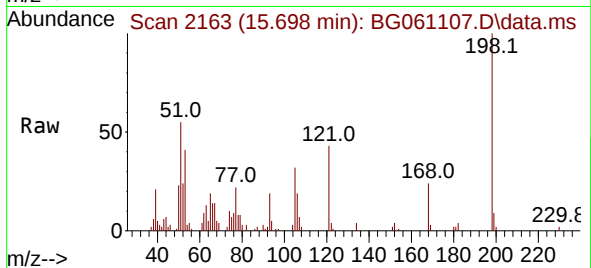
Tgt Ion:188 Resp: 190226
Ion Ratio Lower Upper
188 100
94 3.8 3.6 5.4
80 5.2 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 15.654 ng
RT: 15.698 min Scan# 2163
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

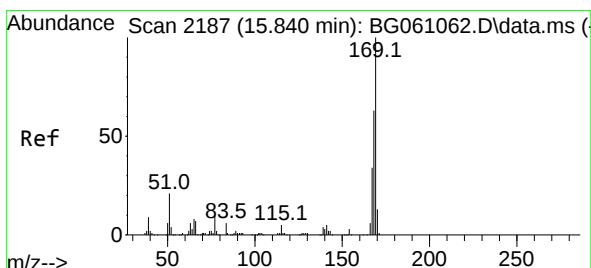
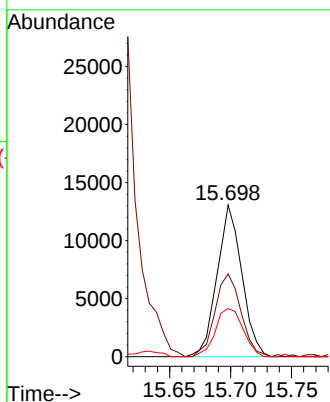
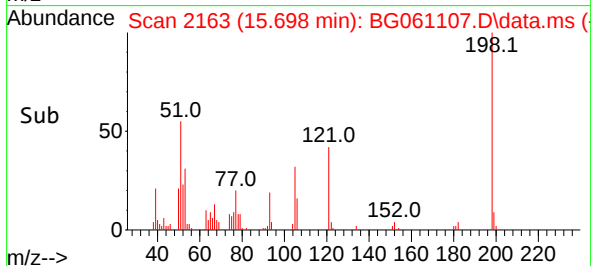
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:198 Resp: 18470
Ion Ratio Lower Upper
198 100
51 54.6 41.2 81.2
105 31.8 16.7 56.7

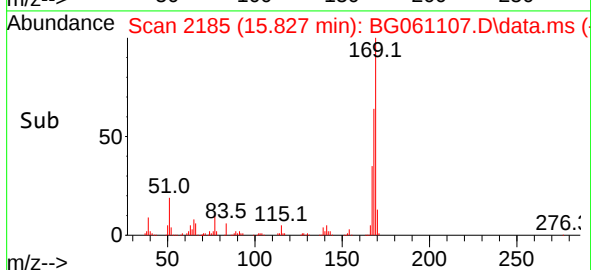
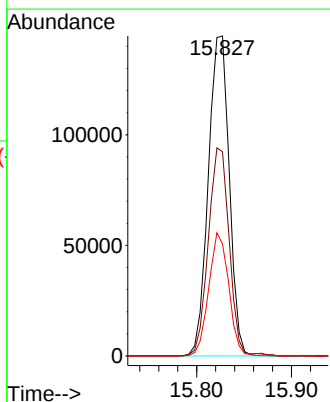
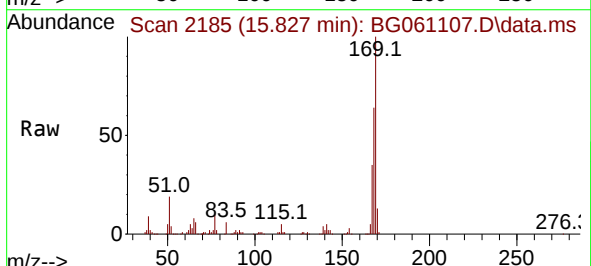
Manual Integrations
APPROVED

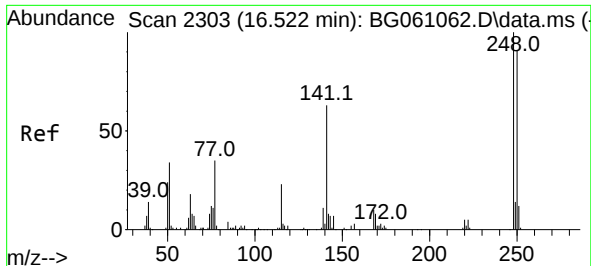
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#66
n-Nitrosodiphenylamine
Concen: 46.988 ng
RT: 15.827 min Scan# 2185
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:169 Resp: 221652
Ion Ratio Lower Upper
169 100
168 63.8 50.6 75.8
167 34.9 27.4 41.2





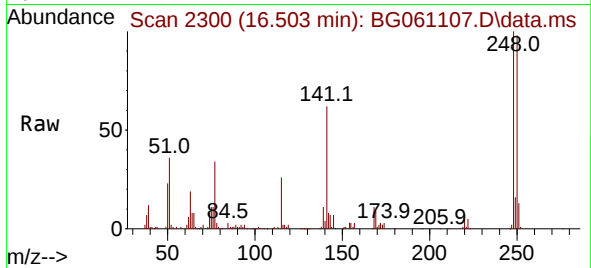
#67
4-Bromophenyl-phenylether
Concen: 47.811 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

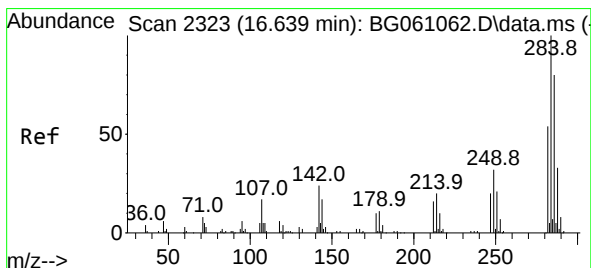
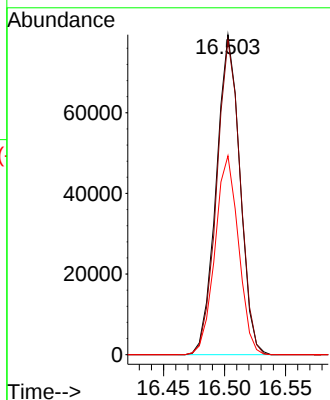
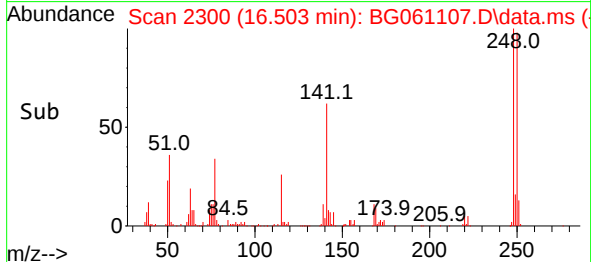


Tgt Ion:248 Resp: 107140
Ion Ratio Lower Upper
248 100
250 98.3 73.0 109.4
141 62.1 50.8 76.2

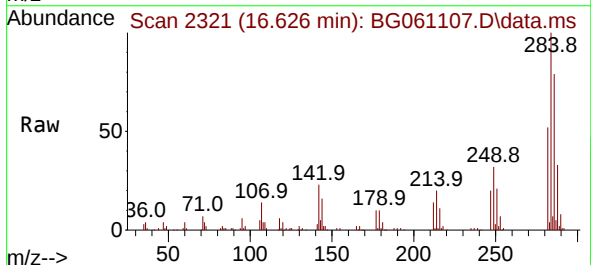
Manual Integrations

APPROVED

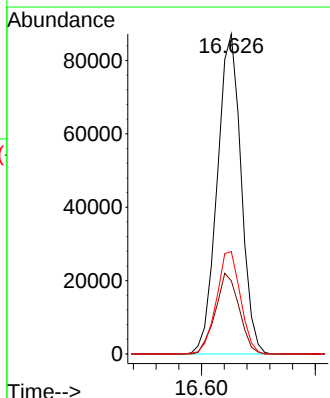
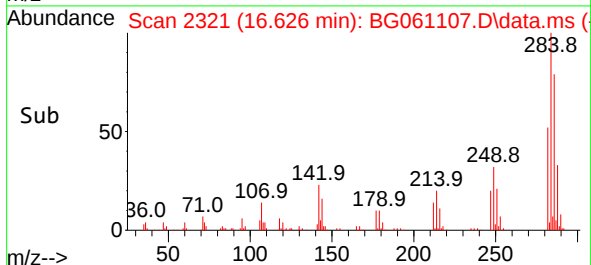
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

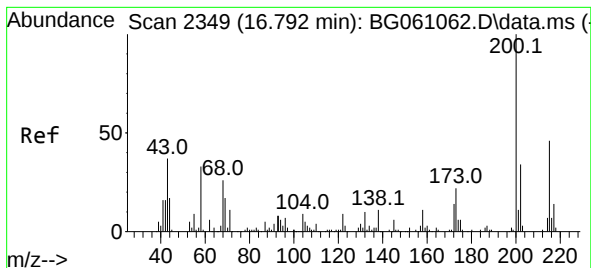


#68
Hexachlorobenzene
Concen: 45.609 ng
RT: 16.626 min Scan# 2321
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28



Tgt Ion:284 Resp: 127209
Ion Ratio Lower Upper
284 100
142 22.9 19.2 28.8
249 32.0 25.4 38.2





#69

Atrazine

Concen: 49.311 ng

RT: 16.779 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

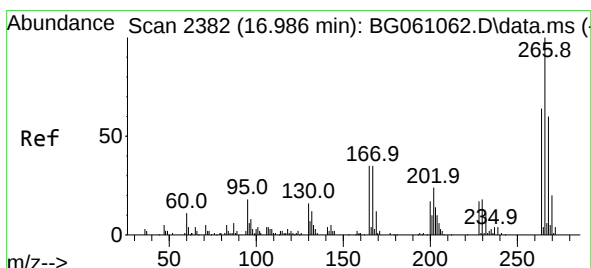
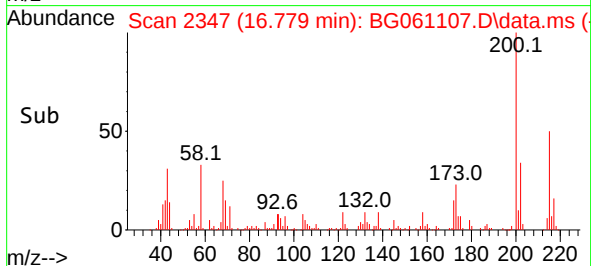
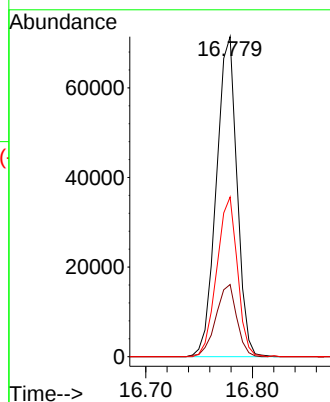
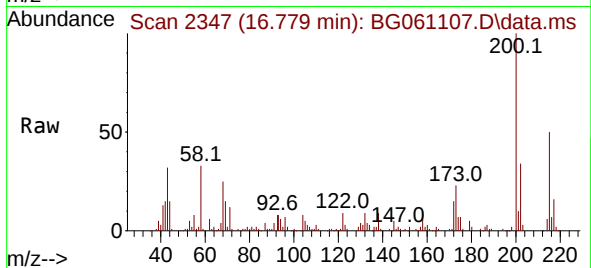
Tgt Ion:200 Resp: 95930
Ion Ratio Lower Upper
200 100
173 22.6 2.0 42.0
215 49.9 26.2 66.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#70

Pentachlorophenol

Concen: 82.927 ng

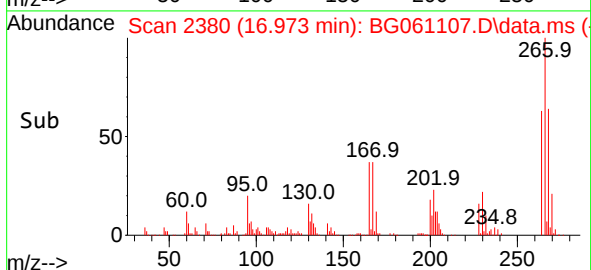
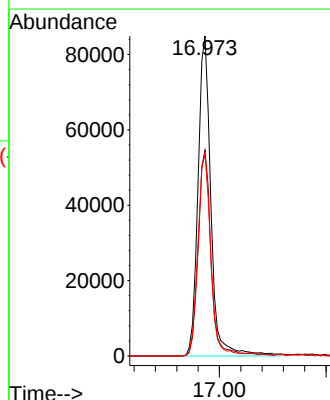
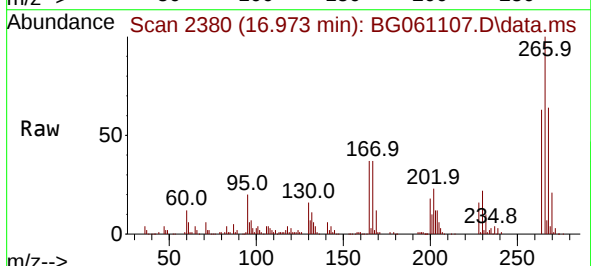
RT: 16.973 min Scan# 2380

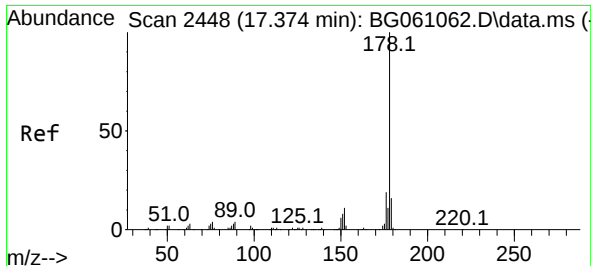
Delta R.T. -0.013 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Tgt Ion:266 Resp: 142095
Ion Ratio Lower Upper
266 100
268 64.4 47.8 71.8
264 63.1 51.5 77.3





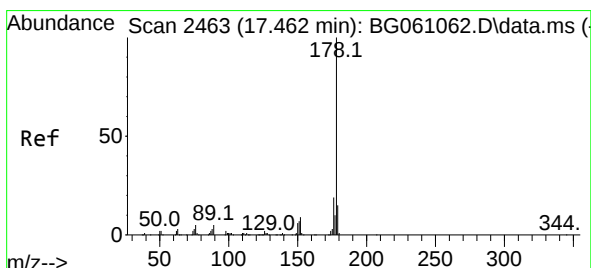
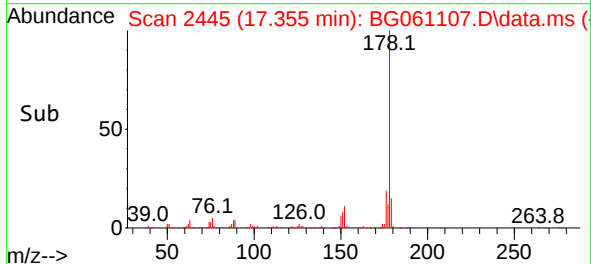
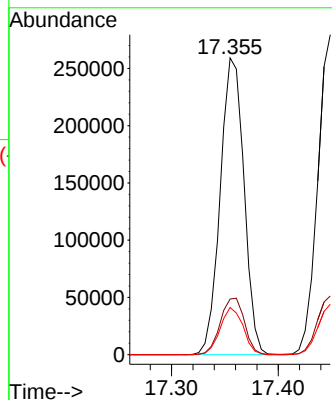
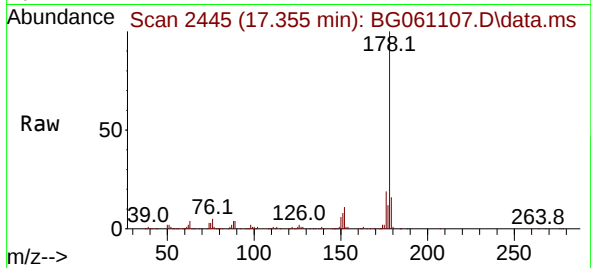
#71
Phenanthrene
Concen: 46.126 ng
RT: 17.355 min Scan# 2445
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:178 Resp: 40120
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.9 12.6 19.0

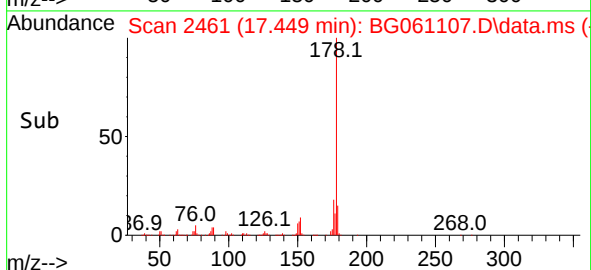
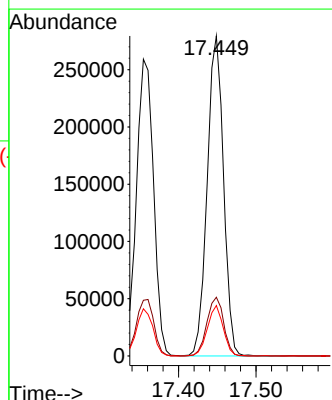
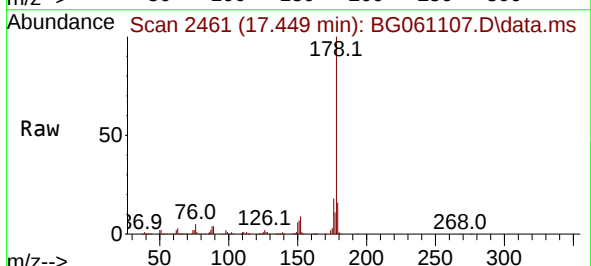
Manual Integrations
APPROVED

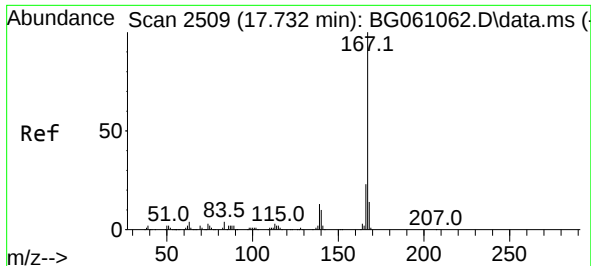
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#72
Anthracene
Concen: 47.019 ng
RT: 17.449 min Scan# 2461
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:178 Resp: 408081
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.8 12.0 18.0





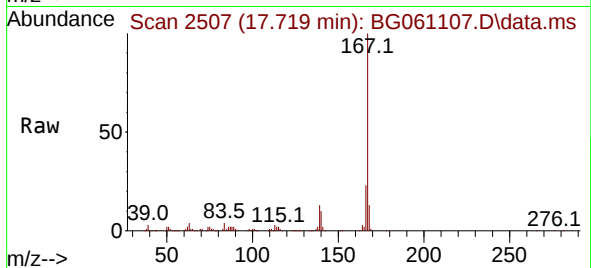
#73
 Carbazole
 Concen: 44.267 ng
 RT: 17.719 min Scan# 2507
 Delta R.T. -0.013 min
 Lab File: BG061107.D
 Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

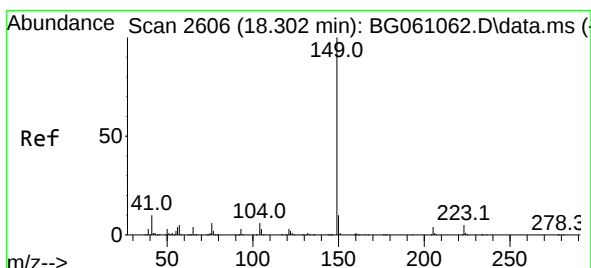
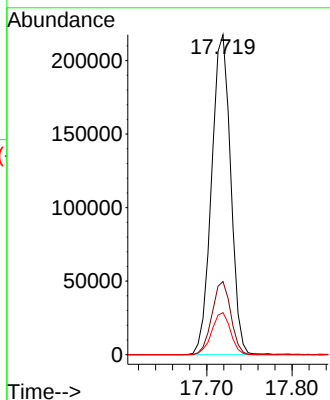
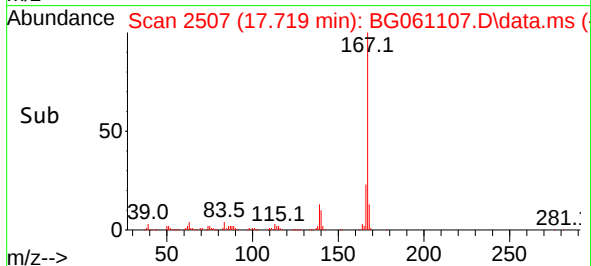


Tgt Ion:167 Resp: 337804
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.7 28.1
 139 13.1 10.6 15.8

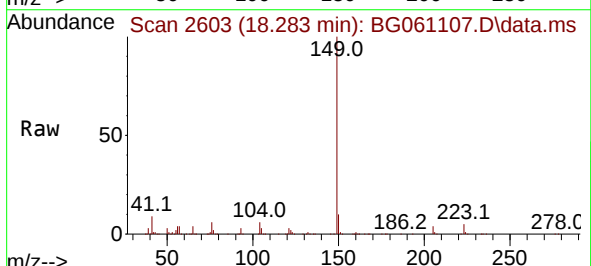
Manual Integrations

APPROVED

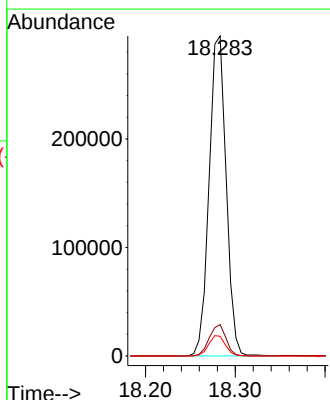
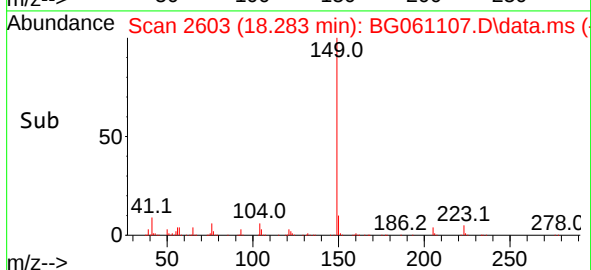
Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

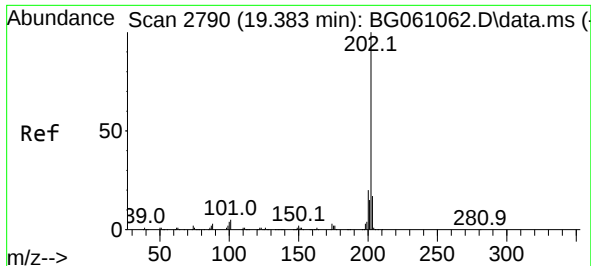


#74
 Di-n-butylphthalate
 Concen: 42.839 ng
 RT: 18.283 min Scan# 2603
 Delta R.T. -0.019 min
 Lab File: BG061107.D
 Acq: 3 May 2024 15:28



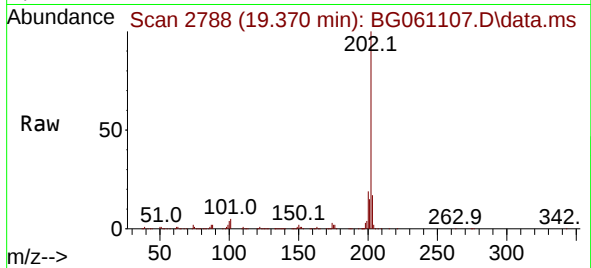
Tgt Ion:149 Resp: 388715
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 6.1 5.0 7.6





#75
Fluoranthene
Concen: 42.889 ng
RT: 19.370 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

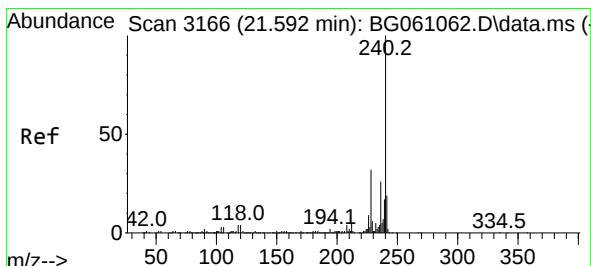
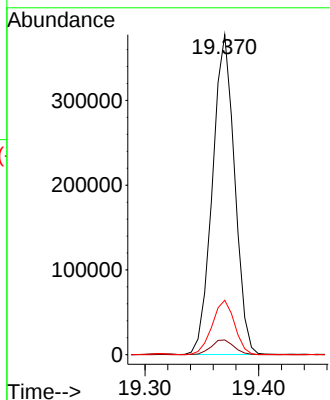
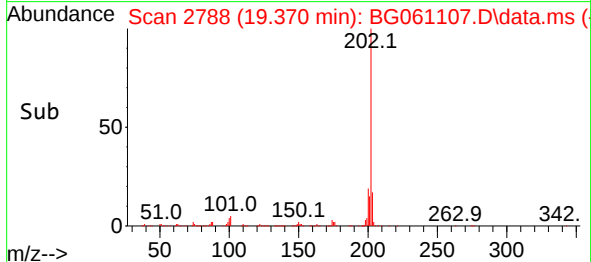
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:202 Resp: 511063
Ion Ratio Lower Upper
202 100
101 4.6 0.0 24.7
203 17.0 0.0 37.1

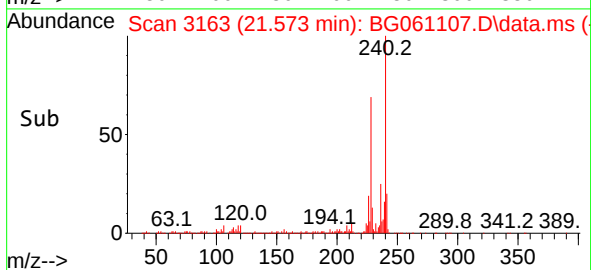
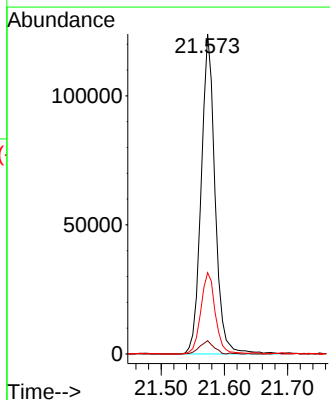
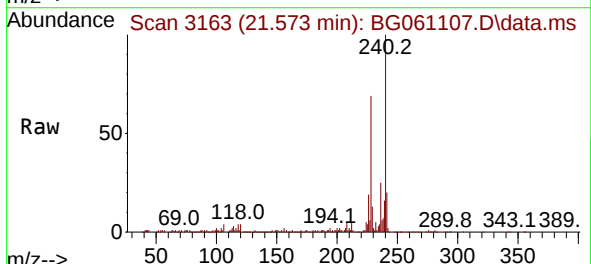
Manual Integrations
APPROVED

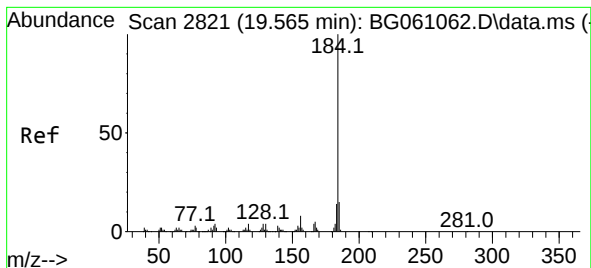
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3163
Delta R.T. -0.019 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:240 Resp: 189793
Ion Ratio Lower Upper
240 100
120 4.2 3.2 4.8
236 25.4 21.0 31.6





#77

Benzidine

Concen: 67.163 ng

RT: 19.546 min Scan# 2818

Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

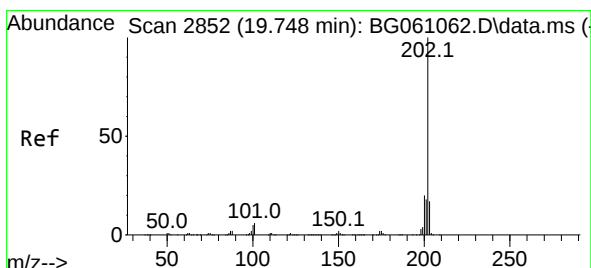
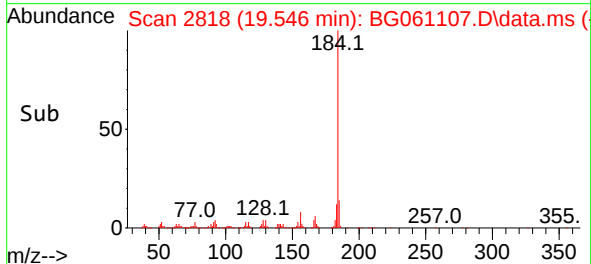
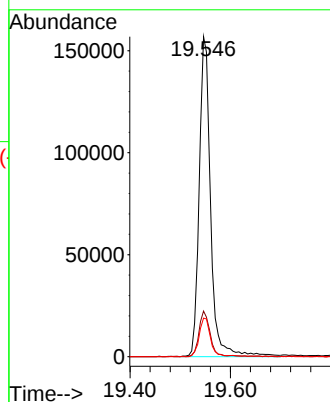
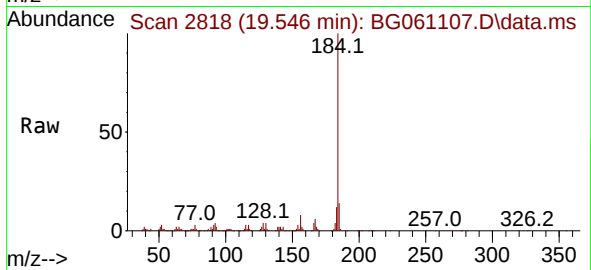
Tgt Ion:184 Resp: 246845
 Ion Ratio Lower Upper
 184 100
 185 14.3 12.0 18.0
 183 12.1 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#78

Pyrene

Concen: 43.467 ng

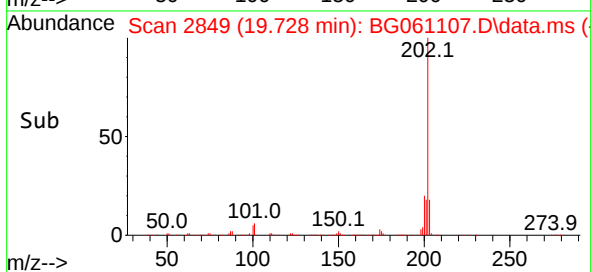
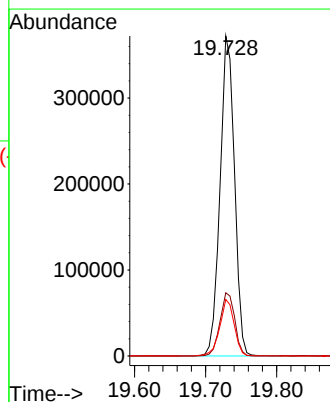
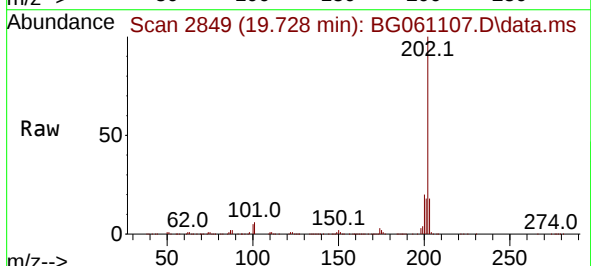
RT: 19.728 min Scan# 2849

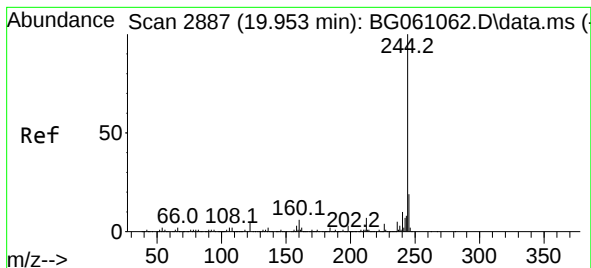
Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Tgt Ion:202 Resp: 524485
 Ion Ratio Lower Upper
 202 100
 200 19.8 16.2 24.4
 203 17.6 13.3 19.9





#79

Terphenyl-d14

Concen: 52.238 ng

RT: 19.934 min Scan# 21

Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

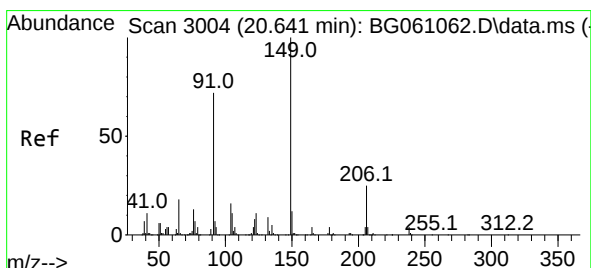
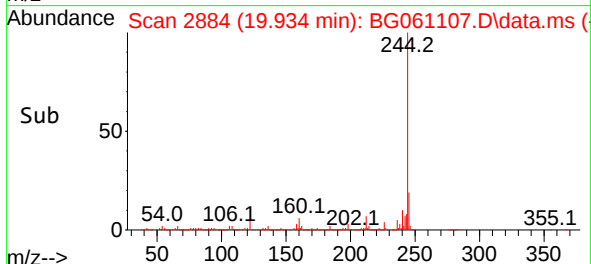
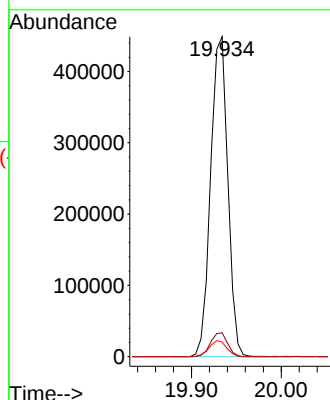
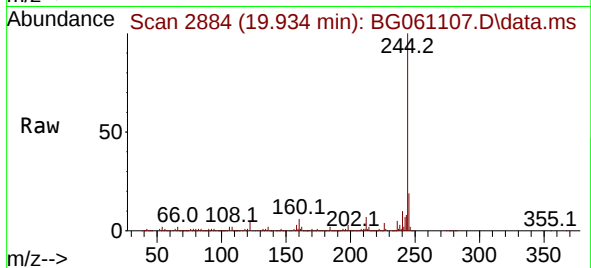
Tgt Ion:244	Resp: 59612
Ion Ratio	Lower Upper
244 100	
212 7.5	5.7 8.5
122 4.6	4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#80

Butylbenzylphthalate

Concen: 45.246 ng

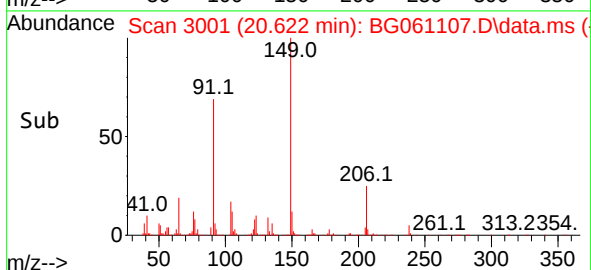
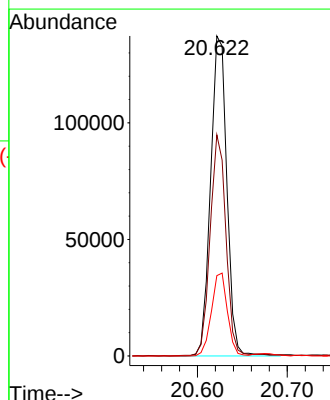
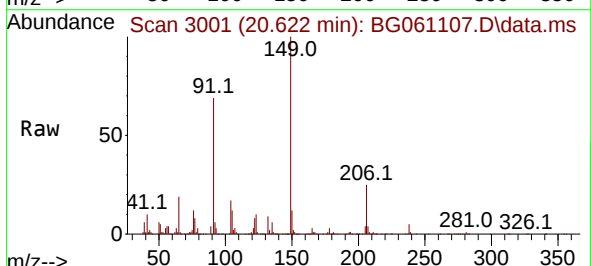
RT: 20.622 min Scan# 3001

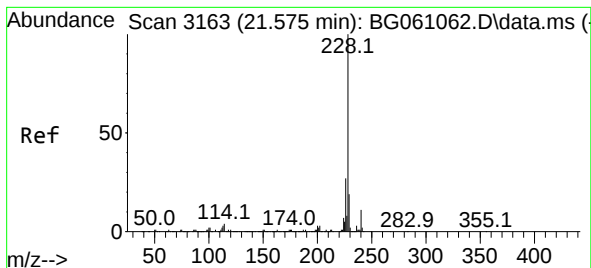
Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Tgt Ion:149	Resp: 172818
Ion Ratio	Lower Upper
149 100	
91 69.1	57.4 86.2
206 25.1	19.8 29.6





#81

Benzo(a)anthracene

Concen: 44.287 ng

RT: 21.556 min Scan# 3160

Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

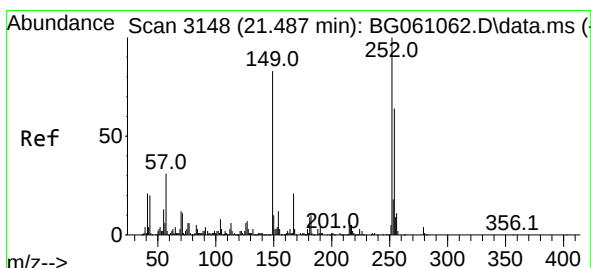
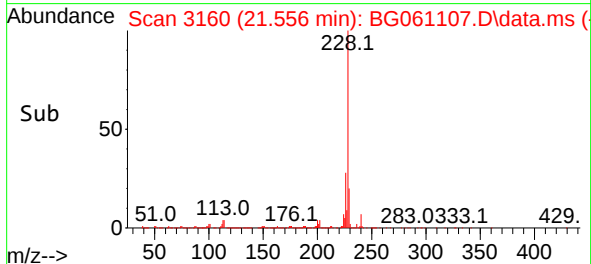
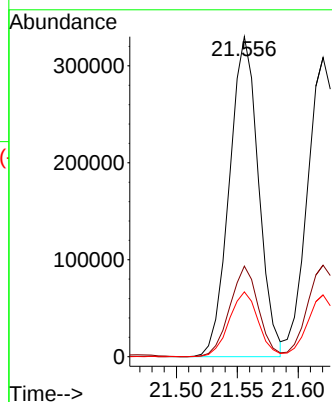
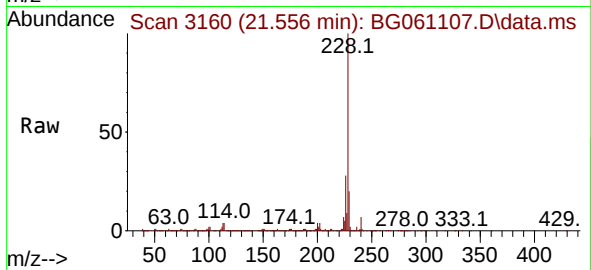
Tgt Ion:	228	Resp:	55002
Ion Ratio	Lower	Upper	
228	100		
226	28.3	21.6	32.4
229	20.2	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#82

3,3'-Dichlorobenzidine

Concen: 35.058 ng

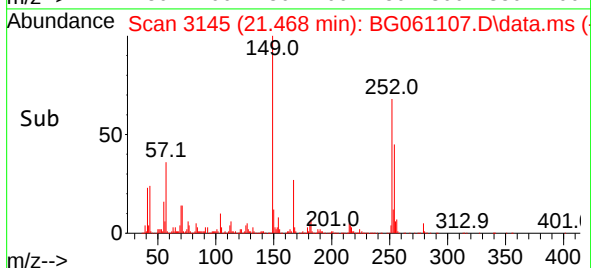
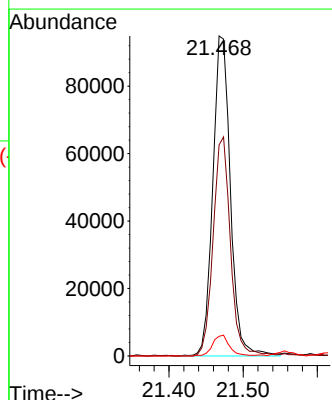
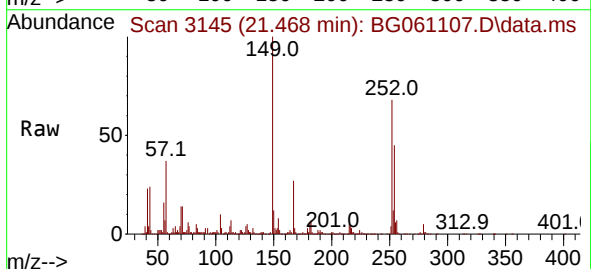
RT: 21.468 min Scan# 3145

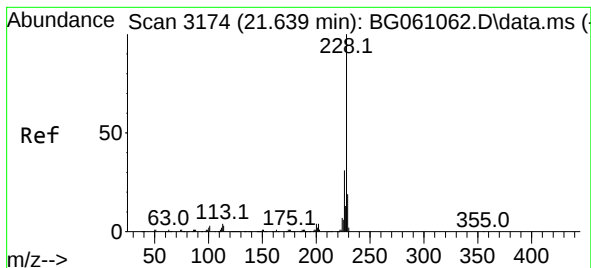
Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Tgt Ion:	252	Resp:	156692
Ion Ratio	Lower	Upper	
252	100		
254	66.0	51.3	76.9
126	6.2	5.2	7.8





#83

Chrysene

Concen: 45.698 ng

RT: 21.620 min Scan# 3171

Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

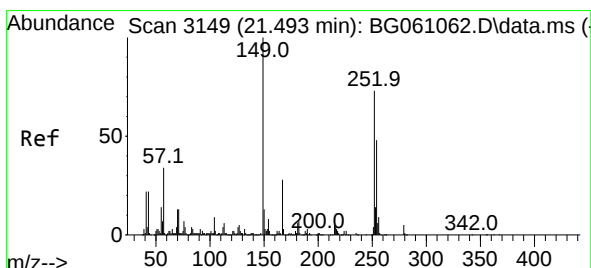
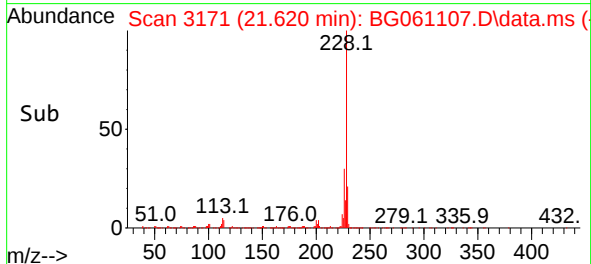
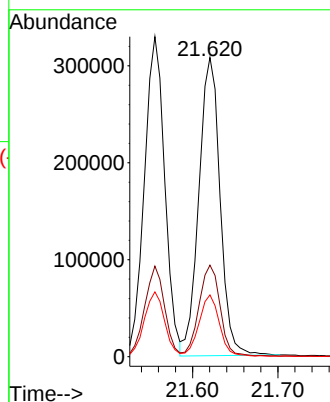
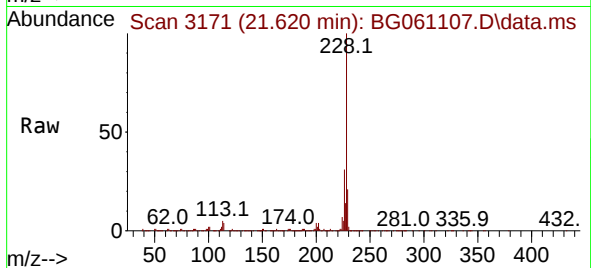
ClientSampleId :

TP-1MSD

Tgt Ion:228 Resp: 531732
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 20.6 14.8 22.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.369 ng

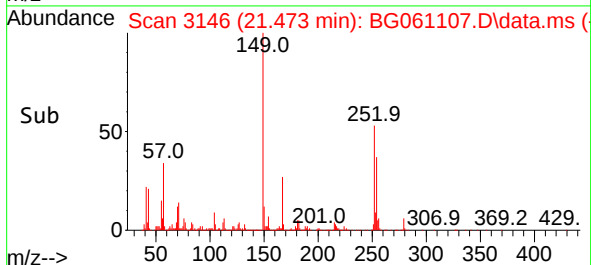
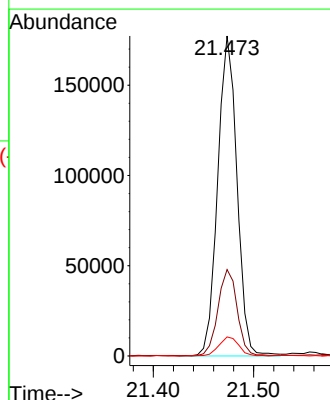
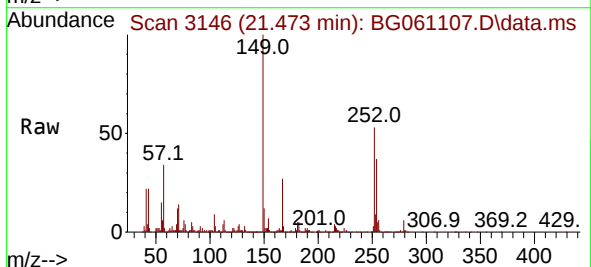
RT: 21.473 min Scan# 3146

Delta R.T. -0.019 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Tgt Ion:149 Resp: 236256
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.1 33.1
 279 5.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 46.724 ng

RT: 22.654 min Scan# 31

Delta R.T. -0.025 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

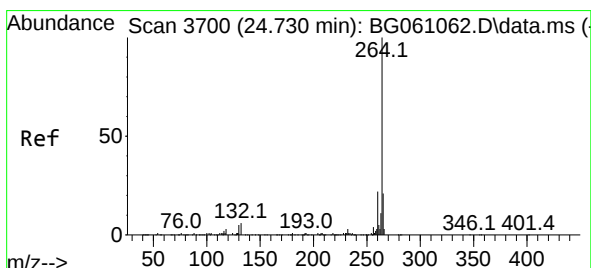
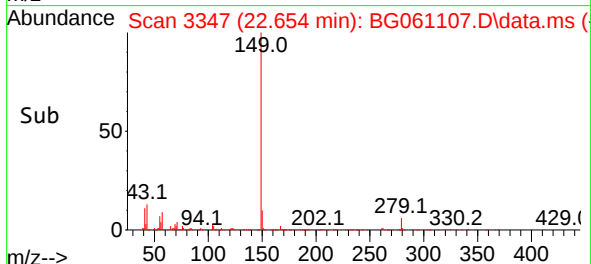
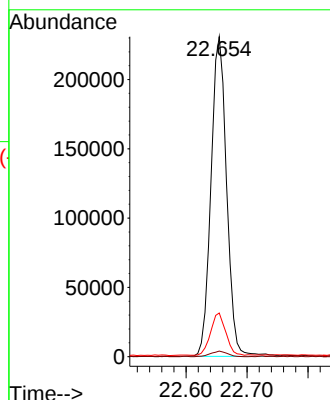
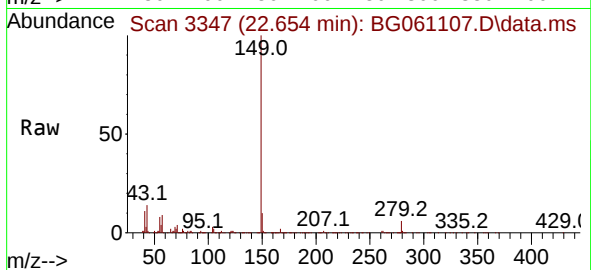
ClientSampleId :

TP-1MSD

Tgt Ion:149 Resp: 41115
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 12.8 10.6 15.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024



#86

Perylene-d12

Concen: 20.000 ng

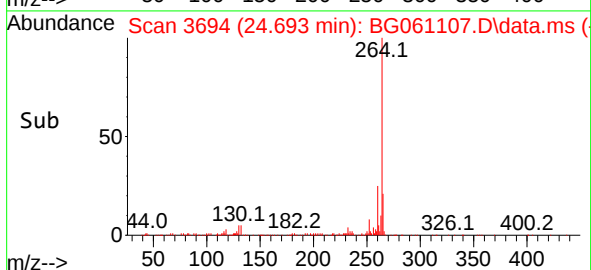
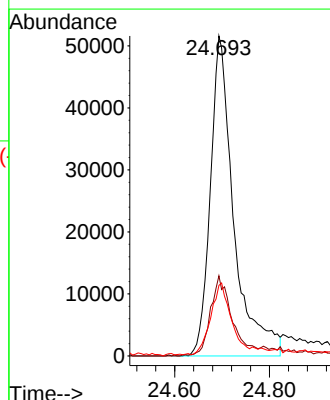
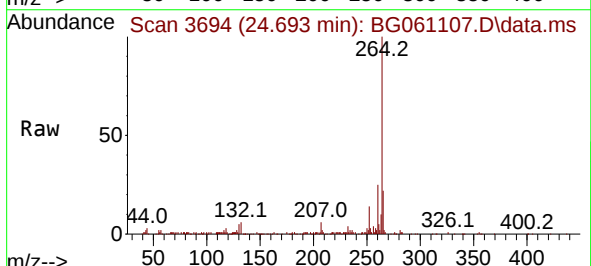
RT: 24.693 min Scan# 3694

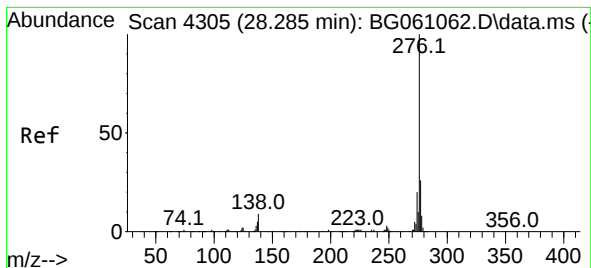
Delta R.T. -0.037 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Tgt Ion:264 Resp: 177341
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.7 26.5
 265 22.1 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.237 ng m

RT: 28.242 min Scan# 4

Delta R.T. -0.043 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:276 Resp: 40237

Ion Ratio Lower Upper

276 100

138 3.2 5.1 7.7

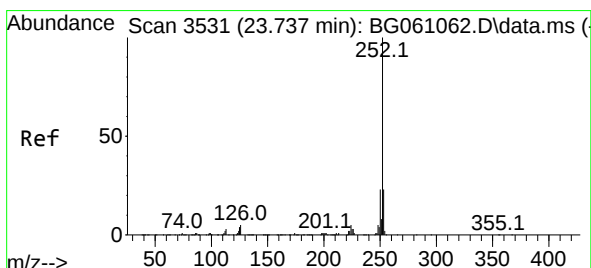
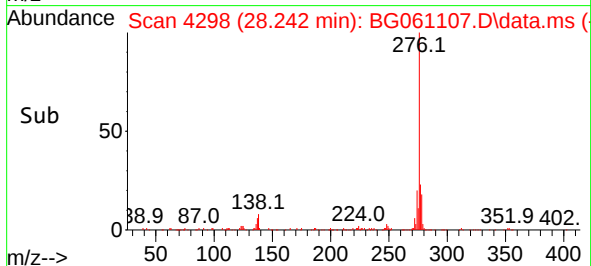
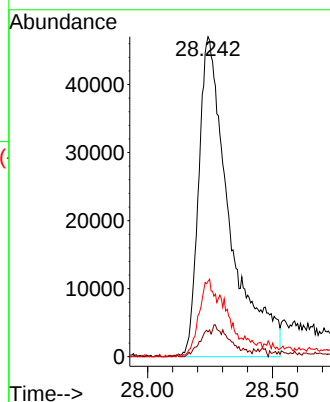
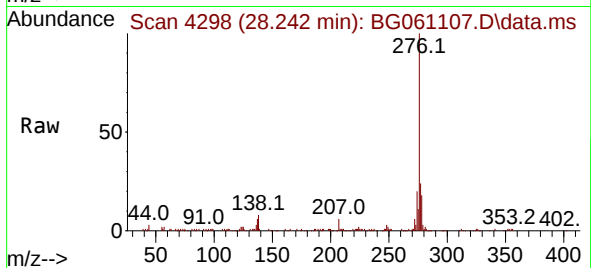
277 12.5 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#88

Benzo(b)fluoranthene

Concen: 43.663 ng

RT: 23.706 min Scan# 3526

Delta R.T. -0.031 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

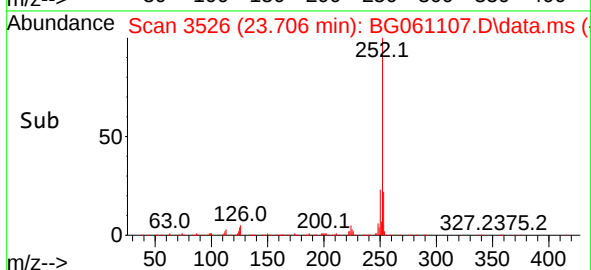
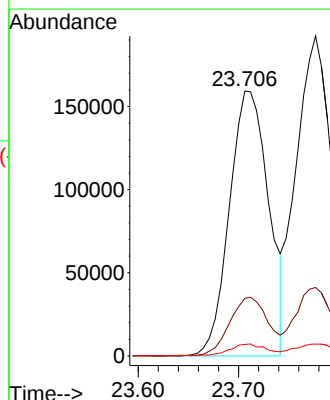
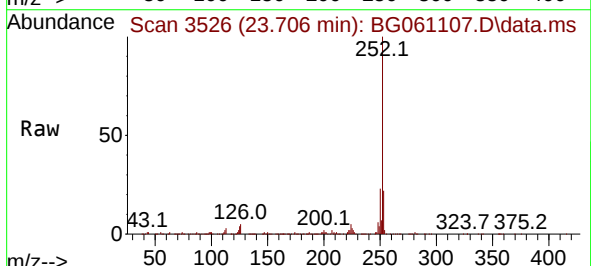
Tgt Ion:252 Resp: 432696

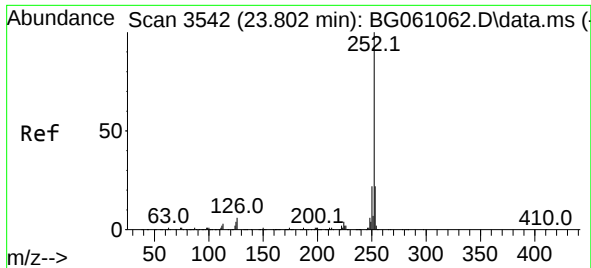
Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

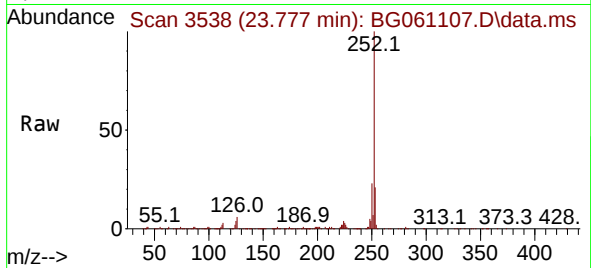
125 4.4 3.4 5.0





#89
Benzo(k)fluoranthene
Concen: 58.483 ng
RT: 23.777 min Scan# 3538
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

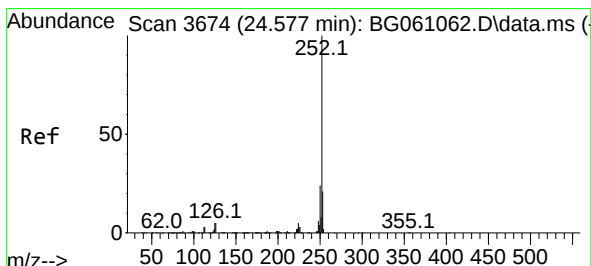
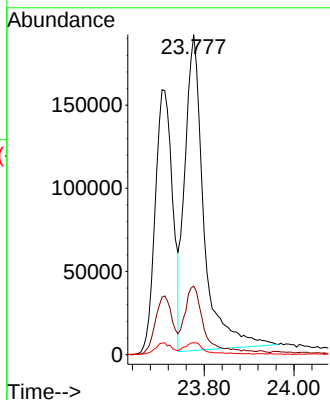
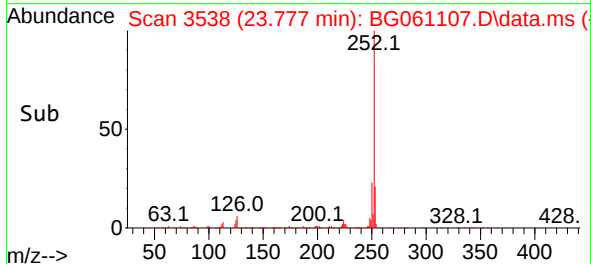
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:252 Resp: 557562
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 3.7 3.2 4.8

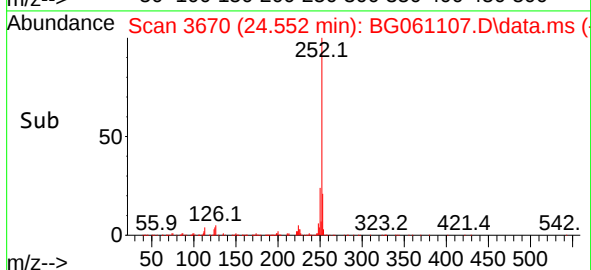
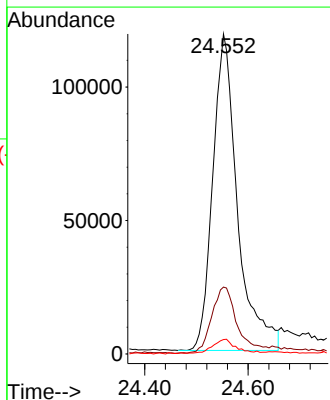
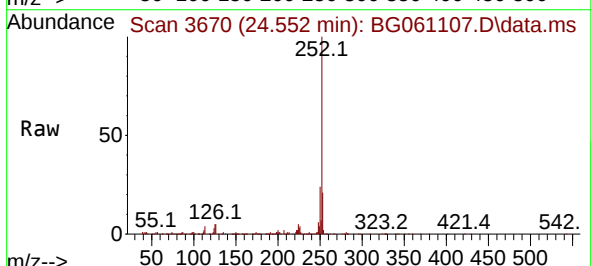
Manual Integrations
APPROVED

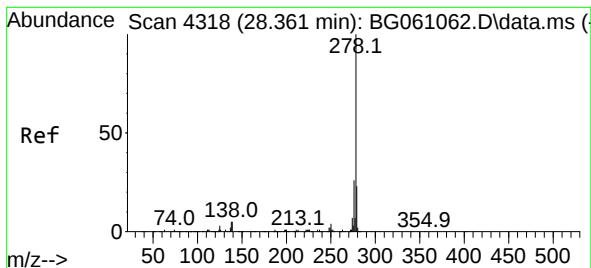
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#90
Benzo(a)pyrene
Concen: 45.689 ng
RT: 24.552 min Scan# 3670
Delta R.T. -0.025 min
Lab File: BG061107.D
Acq: 3 May 2024 15:28

Tgt Ion:252 Resp: 394461
Ion Ratio Lower Upper
252 100
253 20.9 16.9 25.3
125 4.5 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 30.886 ng

RT: 28.301 min Scan# 41

Delta R.T. -0.060 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:278 Resp: 30060

Ion Ratio Lower Upper

278 100

139 7.3 4.2 6.2

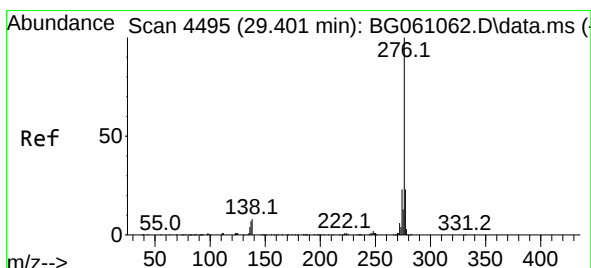
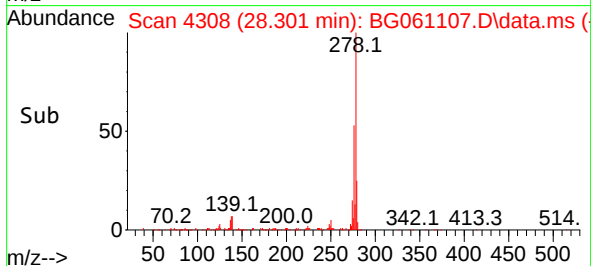
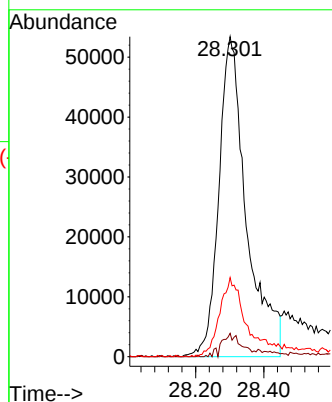
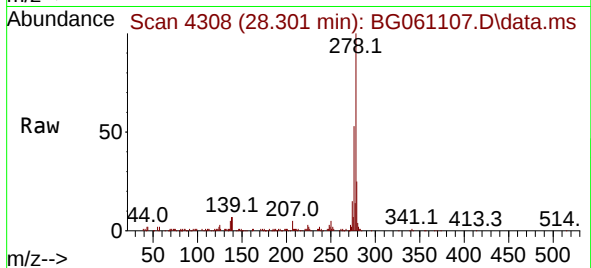
279 24.7 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#92

Benzo(g,h,i)perylene

Concen: 28.859 ng m

RT: 29.347 min Scan# 4486

Delta R.T. -0.054 min

Lab File: BG061107.D

Acq: 3 May 2024 15:28

Tgt Ion:276 Resp: 279124

Ion Ratio Lower Upper

276 100

277 21.8 18.2 27.4

138 9.1 6.2 9.2

