

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061106.D
 Acq On : 3 May 2024 14:47
 Operator : MA/JU
 Sample : P2331-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

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

Quant Time: May 03 15:35:38 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	7.934	152	25525	20.000	ng	-0.03
21) Naphthalene-d8	10.731	136	105399	20.000	ng	#-0.03
39) Acenaphthene-d10	14.567	164	83182	20.000	ng	-0.02
64) Phenanthrene-d10	17.311	188	184634	20.000	ng	-0.02
76) Chrysene-d12	21.571	240	189575	20.000	ng	-0.02
86) Perylene-d12	24.697	264	177615	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	109690	87.397	ng	-0.02
7) Phenol-d6	7.112	99	156952	84.535	ng	-0.02
23) Nitrobenzene-d5	9.092	82	113363	53.318	ng	-0.03
42) 2,4,6-Tribromophenol	16.060	330	127042	76.409	ng	-0.02
45) 2-Fluorobiphenyl	13.187	172	316733	56.305	ng	-0.02
79) Terphenyl-d14	19.932	244	593354	52.055	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.433	88	13830	27.253	ng	97
3) Pyridine	3.821	79	40741	27.283	ng	98
4) n-Nitrosodimethylamine	3.739	42	46437	32.367	ng	# 95
6) Aniline	7.258	93	42921	23.319	ng	# 93
8) 2-Chlorophenol	7.505	128	67527	43.855	ng	97
9) Benzaldehyde	7.076	77	31686	29.894	ng	95
10) Phenol	7.141	94	83225	44.078	ng	98
11) bis(2-Chloroethyl)ether	7.358	93	54480	41.767	ng	94
12) 1,3-Dichlorobenzene	7.822	146	77592	42.745	ng	99
13) 1,4-Dichlorobenzene	7.969	146	78619	41.906	ng	98
14) 1,2-Dichlorobenzene	8.287	146	77267	42.688	ng	91
15) Benzyl Alcohol	8.169	79	68938	41.161	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.451	45	118447	41.849	ng	99
17) 2-Methylphenol	8.381	107	58445	43.436	ng	97
18) Hexachloroethane	9.015	117	28357	42.360	ng	91
19) n-Nitroso-di-n-propyla...	8.739	70	51620	37.151	ng	93
20) 3+4-Methylphenols	8.710	107	81599	42.034	ng	93
22) Acetophenone	8.751	105	114117	43.475	ng	# 99
24) Nitrobenzene	9.133	77	86496	41.585	ng	97
25) Isophorone	9.656	82	148286	37.729	ng	99
26) 2-Nitrophenol	9.844	139	40965	41.569	ng	98
27) 2,4-Dimethylphenol	9.908	122	53734	47.295	ng	96
28) bis(2-Chloroethoxy)met...	10.137	93	78802	40.853	ng	99
29) 2,4-Dichlorophenol	10.384	162	81898	46.006	ng	95
30) 1,2,4-Trichlorobenzene	10.596	180	95932	44.725	ng	99
31) Naphthalene	10.784	128	237923	43.434	ng	100
32) Benzoic acid	10.067	122	44974	34.243	ng	95
33) 4-Chloroaniline	10.889	127	46778	21.412	ng	98
34) Hexachlorobutadiene	11.066	225	78622	42.719	ng	99
35) Caprolactam	11.671	113	22043	34.384	ng	96
36) 4-Chloro-3-methylphenol	12.023	107	86602	40.344	ng	99
37) 2-Methylnaphthalene	12.394	142	170239	41.473	ng	99
38) 1-Methylnaphthalene	12.611	142	161842	39.164	ng	92
40) 1,2,4,5-Tetrachloroben...	12.758	216	141460	50.958	ng	98
41) Hexachlorocyclopentadiene	12.740	237	45727	43.029	ng	88
43) 2,4,6-Trichlorophenol	12.999	196	85417	47.927	ng	98

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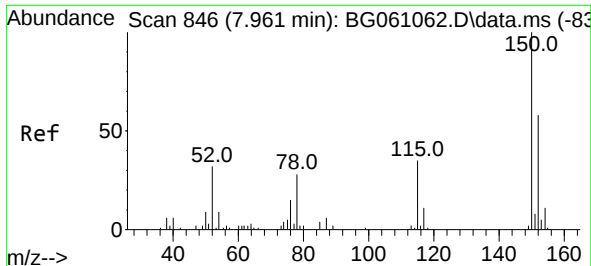
Quant Time: May 03 15:35:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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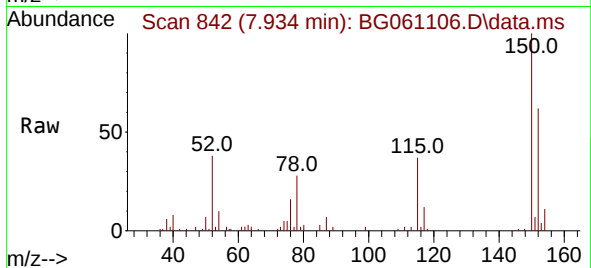
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	90540	44.887	ng	97
46) 1,1'-Biphenyl	13.398	154	248227	46.541	ng	98
47) 2-Chloronaphthalene	13.439	162	192486	45.070	ng	97
48) 2-Nitroaniline	13.645	65	70110	44.239	ng	98
49) Acenaphthylene	14.285	152	319707	48.740	ng	98
50) Dimethylphthalate	14.021	163	264247	41.129	ng	98
51) 2,6-Dinitrotoluene	14.139	165	55067	40.070	ng	96
52) Acenaphthene	14.632	154	174122	42.552	ng	96
53) 3-Nitroaniline	14.468	138	39490	31.405	ng	99
54) 2,4-Dinitrophenol	14.679	184	20194	22.365	ng	96
55) Dibenzofuran	14.967	168	302090	43.707	ng	97
56) 4-Nitrophenol	14.797	139	77970	76.726	ng	95
57) 2,4-Dinitrotoluene	14.932	165	75973	37.366	ng	92
58) Fluorene	15.613	166	250895	41.950	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.196	232	86753	41.781	ng	99
60) Diethylphthalate	15.390	149	250369	38.643	ng	96
61) 4-Chlorophenyl-phenyle...	15.607	204	150494	41.906	ng	98
62) 4-Nitroaniline	15.631	138	54179	39.727	ng	89
63) Azobenzene	15.901	77	210062	41.649	ng	98
65) 4,6-Dinitro-2-methylph...	15.696	198	17829	15.563	ng	95
66) n-Nitrosodiphenylamine	15.825	169	221770	48.436	ng	97
67) 4-Bromophenyl-phenylether	16.501	248	107822	49.573	ng	93
68) Hexachlorobenzene	16.624	284	129090	47.685	ng	99
69) Atrazine	16.777	200	97683	51.733	ng	98
70) Pentachlorophenol	16.971	266	142216	85.511	ng	95
71) Phenanthrene	17.358	178	391580	46.383	ng	99
72) Anthracene	17.446	178	413013	49.029	ng	99
73) Carbazole	17.717	167	334351	45.142	ng	99
74) Di-n-butylphthalate	18.281	149	387652	44.015	ng	100
75) Fluoranthene	19.368	202	514681	44.501	ng	100
77) Benzidine	19.550	184	229581	62.730	ng	96
78) Pyrene	19.732	202	523375	43.425	ng	99
80) Butylbenzylphthalate	20.625	149	172560	45.230	ng	94
81) Benzo(a)anthracene	21.553	228	562162	45.316	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	155991	34.941	ng	98
83) Chrysene	21.618	228	528198	45.446	ng	98
84) Bis(2-ethylhexyl)phtha...	21.471	149	235398	47.251	ng	100
85) Di-n-octyl phthalate	22.652	149	412447	46.925	ng	100
87) Indeno(1,2,3-cd)pyrene	28.240	276	370680m	31.491	ng	
88) Benzo(b)fluoranthene	23.710	252	441925	44.526	ng	100
89) Benzo(k)fluoranthene	23.774	252	581214	60.870	ng	99
90) Benzo(a)pyrene	24.550	252	400119	46.273	ng	98
91) Dibenzo(a,h)anthracene	28.298	278	331616m	34.019	ng	
92) Benzo(g,h,i)perylene	29.333	276	250974m	25.908	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

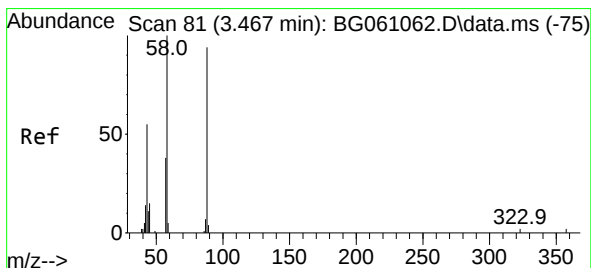
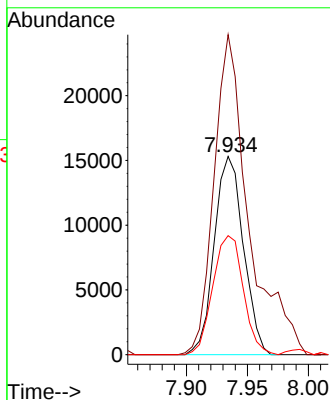
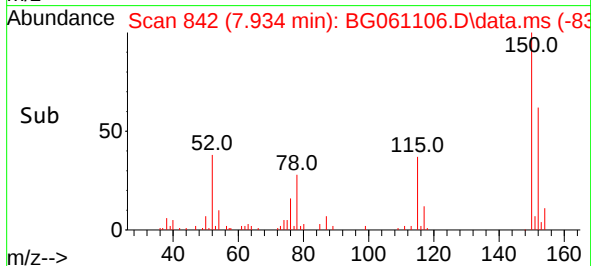
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:152 Resp: 2552
Ion Ratio Lower Upper
152 100
150 161.4 138.3 207.5
115 60.1 48.0 72.0

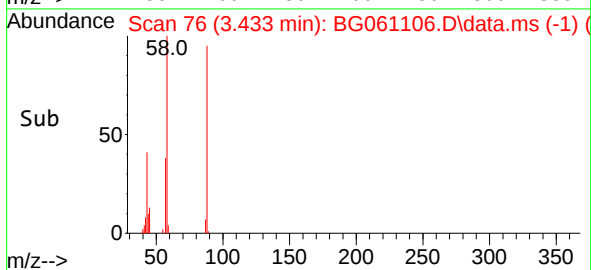
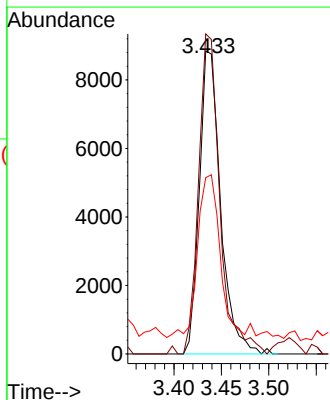
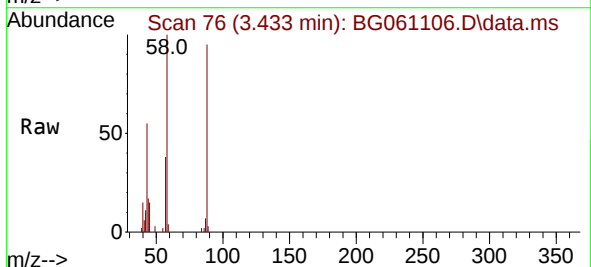
Manual Integrations
APPROVED

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



#2
1,4-Dioxane
Concen: 27.253 ng
RT: 3.433 min Scan# 76
Delta R.T. -0.033 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

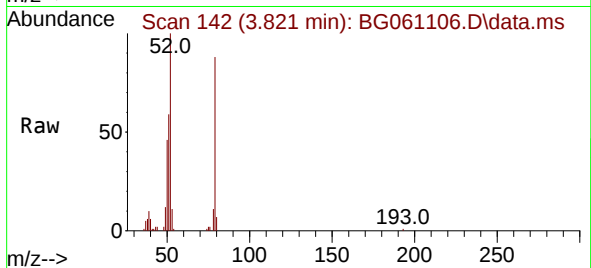
Tgt Ion: 88 Resp: 13830
Ion Ratio Lower Upper
88 100
58 105.6 81.2 121.8
43 55.6 45.0 67.4





#3
Pyridine
Concen: 27.283 ng
RT: 3.821 min Scan# 147
Delta R.T. -0.033 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

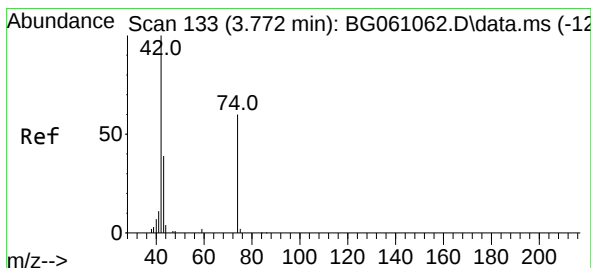
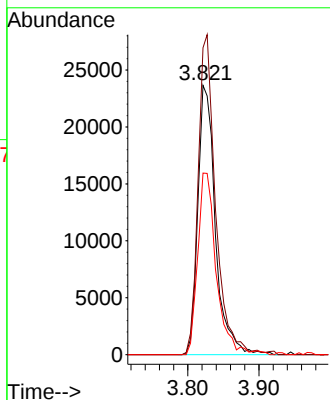
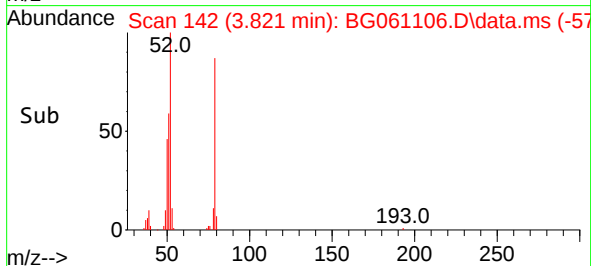
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion: 79 Resp: 4074
Ion Ratio Lower Upper
79 100
52 113.9 91.6 137.4
51 67.4 57.0 85.4

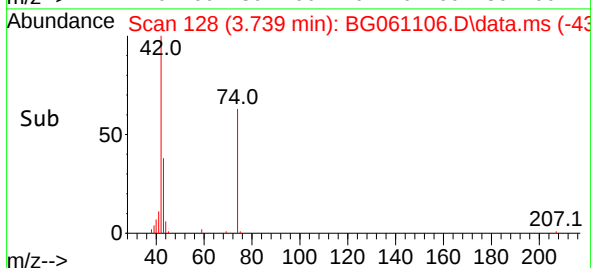
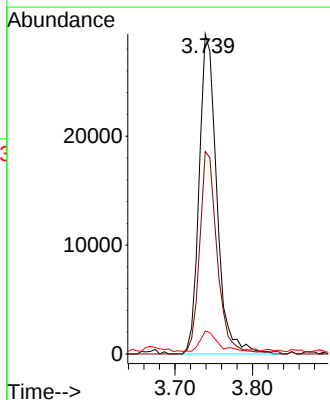
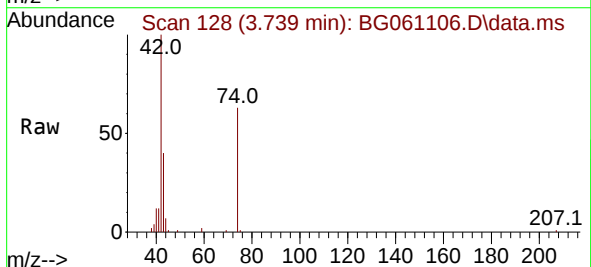
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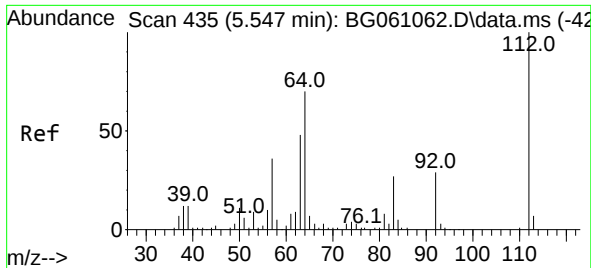
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#4
n-Nitrosodimethylamine
Concen: 32.367 ng
RT: 3.739 min Scan# 128
Delta R.T. -0.033 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion: 42 Resp: 46437
Ion Ratio Lower Upper
42 100
74 63.3 47.8 71.8
44 7.1 4.7 7.1#





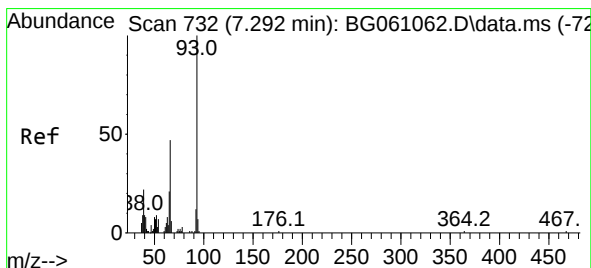
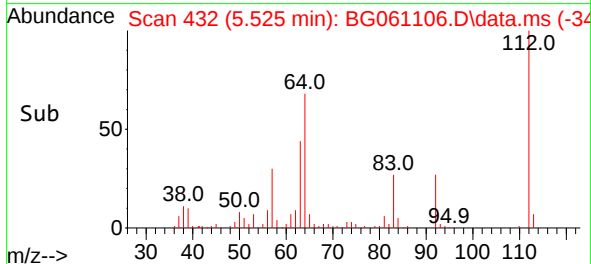
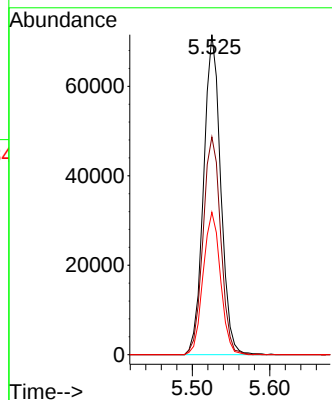
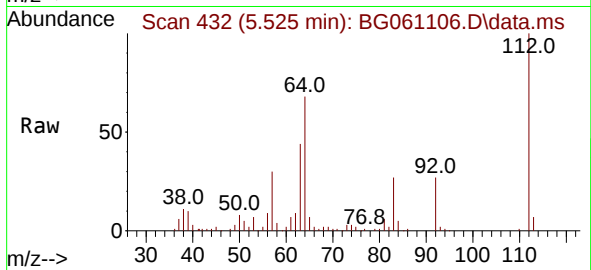
#5
2-Fluorophenol
Concen: 87.397 ng
RT: 5.525 min Scan# 411
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:112 Resp: 109690
Ion Ratio Lower Upper
112 100
64 68.1 55.7 83.5
63 44.5 38.1 57.1

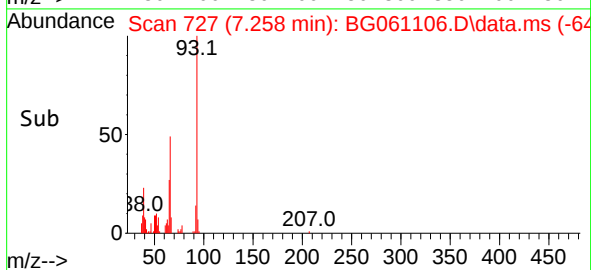
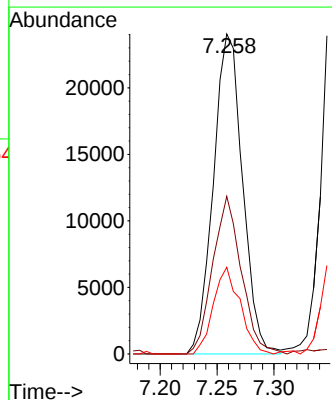
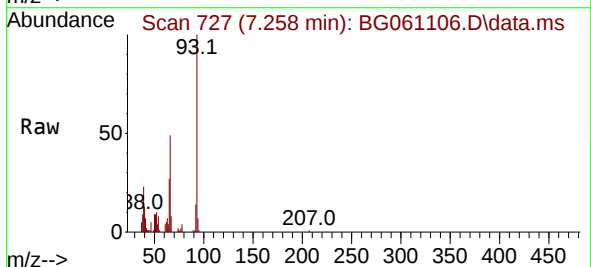
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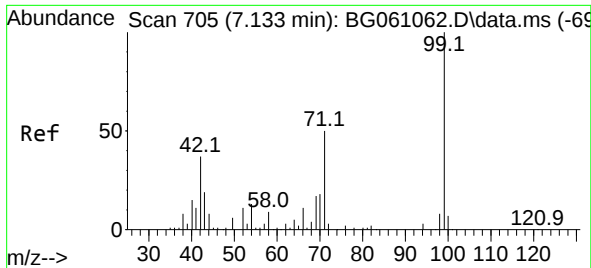
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#6
Aniline
Concen: 23.319 ng
RT: 7.258 min Scan# 727
Delta R.T. -0.033 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

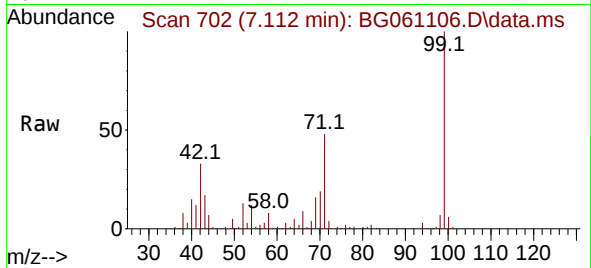
Tgt Ion: 93 Resp: 42921
Ion Ratio Lower Upper
93 100
66 49.2 37.4 56.0
65 27.1 16.6 24.8





#7
Phenol-d6
Concen: 84.535 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

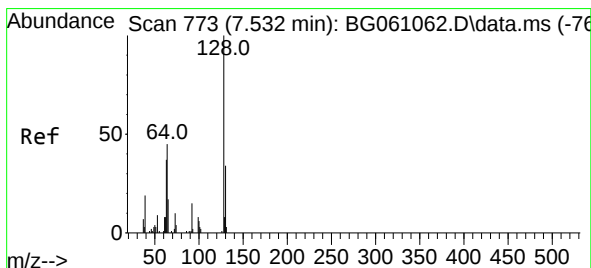
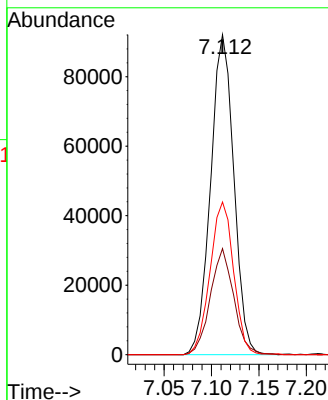
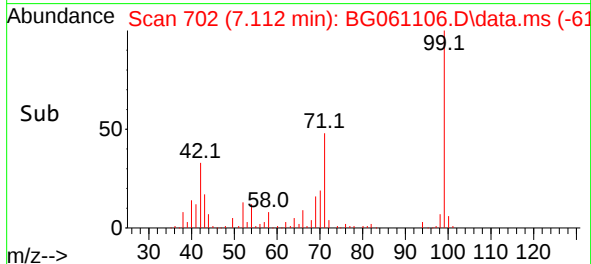
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion: 99 Resp: 156952
Ion Ratio Lower Upper
99 100
42 33.2 29.2 43.8
71 47.7 39.7 59.5

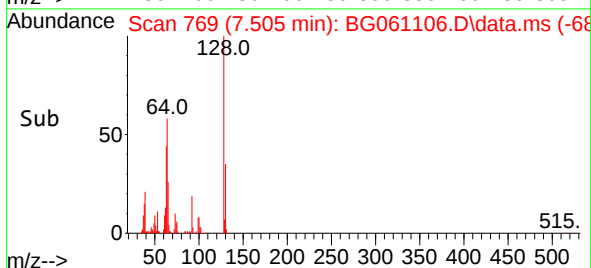
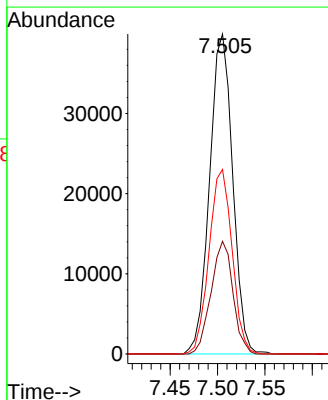
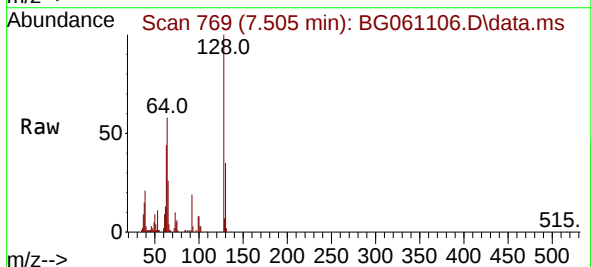
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#8
2-Chlorophenol
Concen: 43.855 ng
RT: 7.505 min Scan# 769
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:128 Resp: 67527
Ion Ratio Lower Upper
128 100
130 35.2 14.1 54.1
64 57.6 34.8 74.8





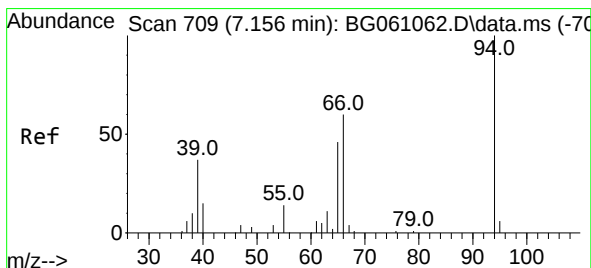
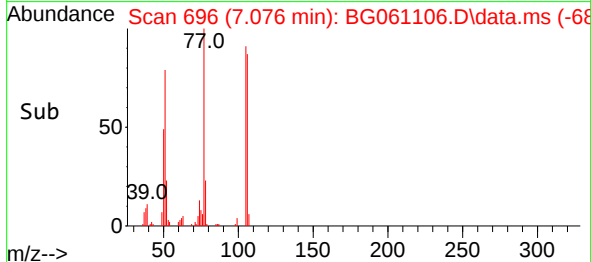
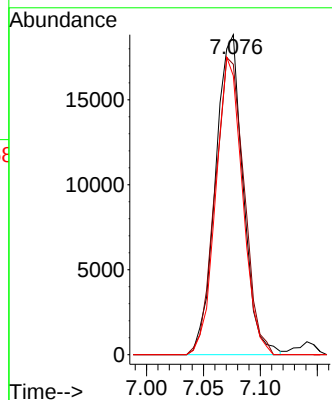
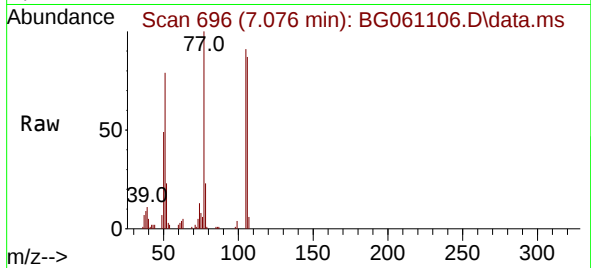
#9
Benzaldehyde
Concen: 29.894 ng
RT: 7.076 min Scan# 696
Delta R.T. -0.028 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion: 77 Resp: 31680
Ion Ratio Lower Upper
77 100
105 90.7 76.0 116.0
106 87.2 72.3 112.3

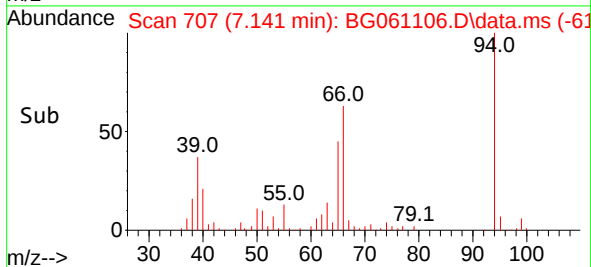
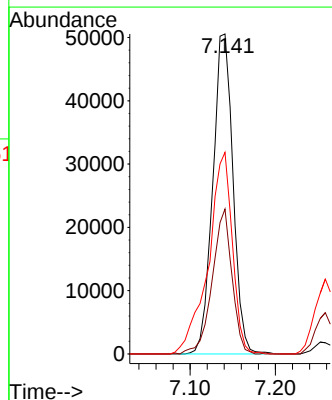
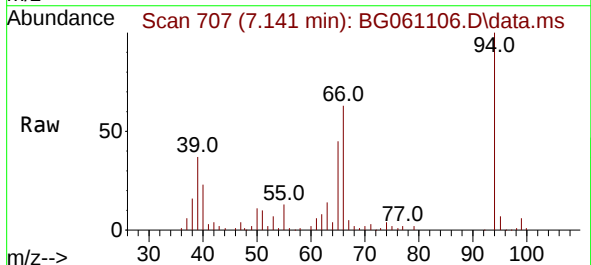
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 44.078 ng
RT: 7.141 min Scan# 707
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

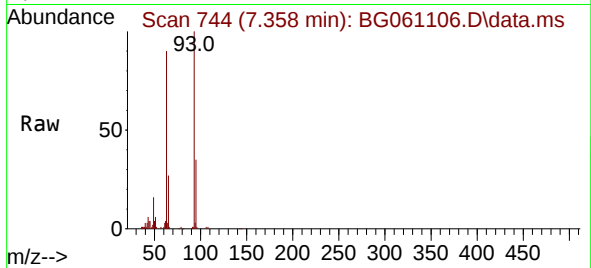
Tgt Ion: 94 Resp: 83225
Ion Ratio Lower Upper
94 100
65 45.3 26.8 66.8
66 63.0 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 41.767 ng
RT: 7.358 min Scan# 744
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

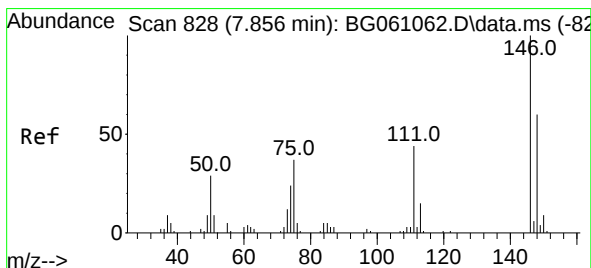
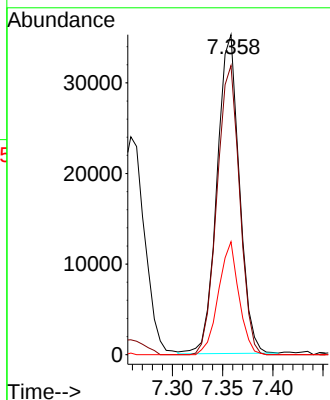
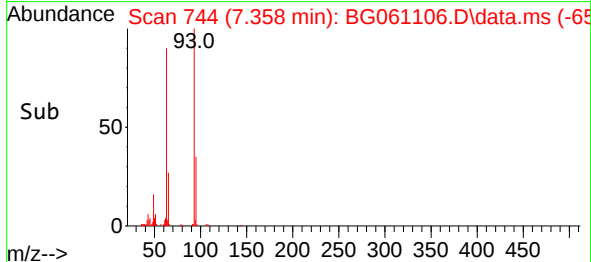
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion: 93 Resp: 54480
Ion Ratio Lower Upper
93 100
63 90.4 76.8 116.8
95 35.3 13.6 53.6

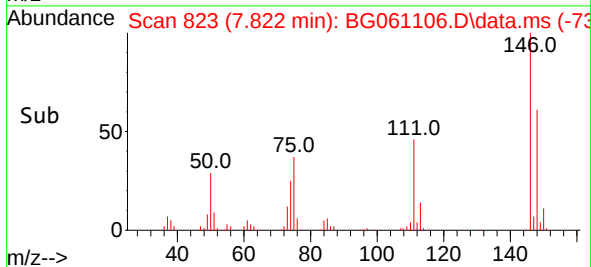
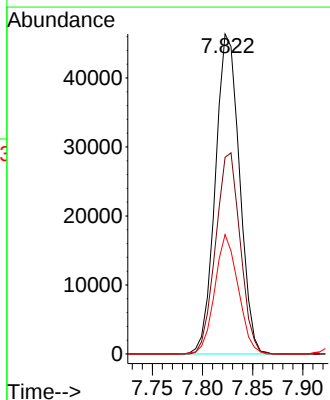
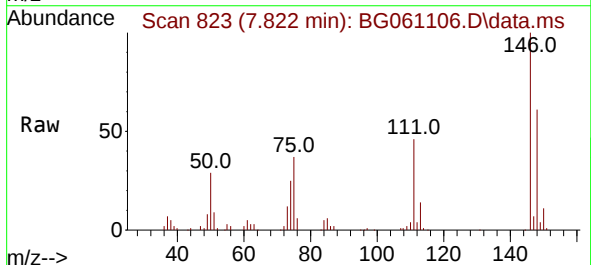
Manual Integrations
APPROVED

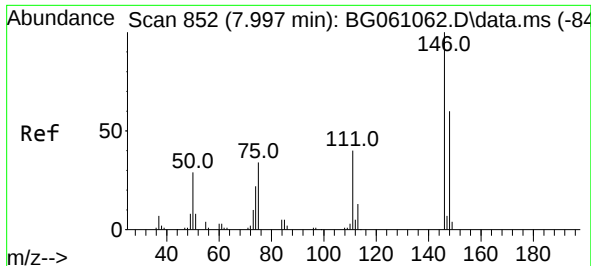
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#12
1,3-Dichlorobenzene
Concen: 42.745 ng
RT: 7.822 min Scan# 823
Delta R.T. -0.033 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:146 Resp: 77592
Ion Ratio Lower Upper
146 100
148 61.5 48.0 72.0
75 37.3 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 41.906 ng

RT: 7.969 min Scan# 84

Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

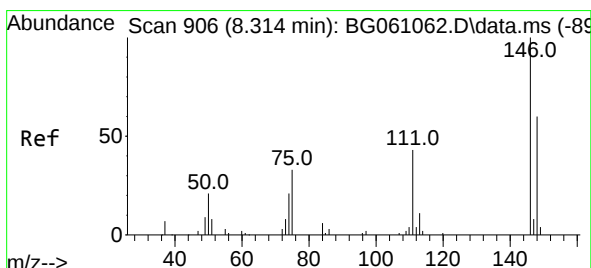
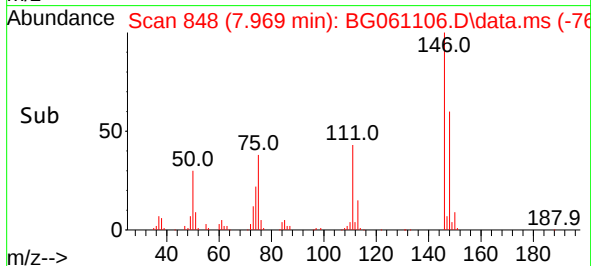
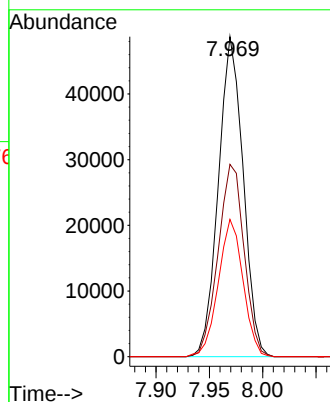
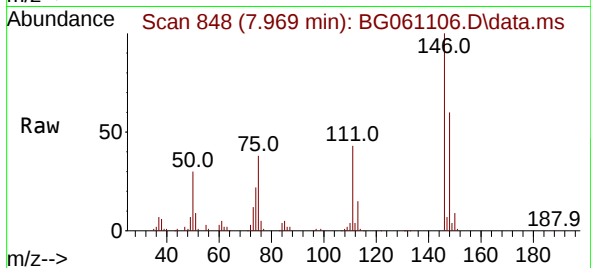
Tgt Ion:146 Resp: 78619
 Ion Ratio Lower Upper
 146 100
 148 60.1 48.1 72.1
 111 42.9 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#14

1,2-Dichlorobenzene

Concen: 42.688 ng

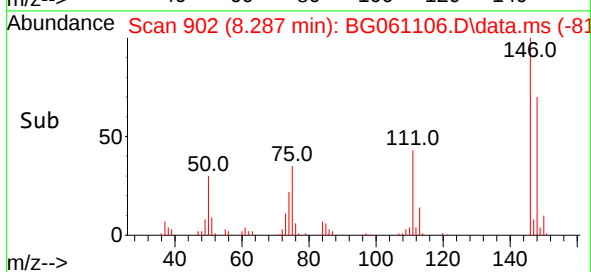
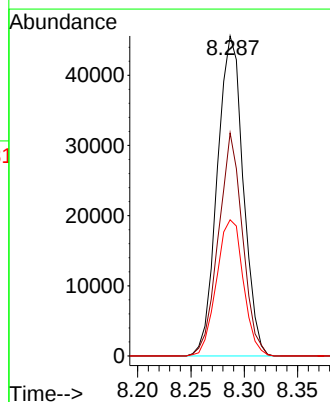
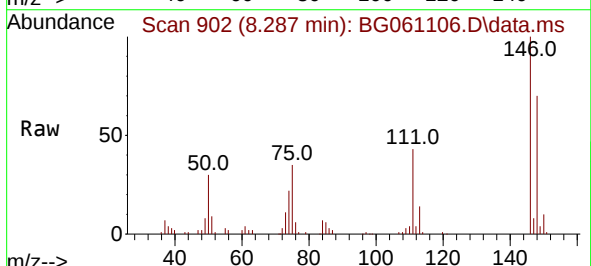
RT: 8.287 min Scan# 902

Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Tgt Ion:146 Resp: 77267
 Ion Ratio Lower Upper
 146 100
 148 69.7 48.2 72.2
 111 42.5 36.2 54.2





#15
Benzyl Alcohol
Concen: 41.161 ng
RT: 8.169 min Scan# 81
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :

BNA_G

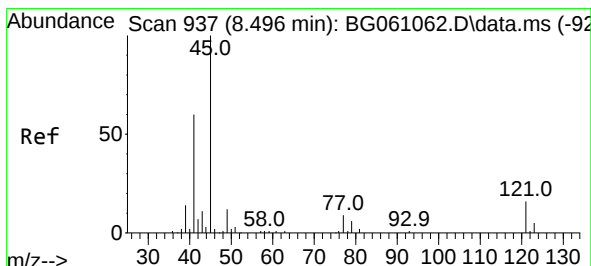
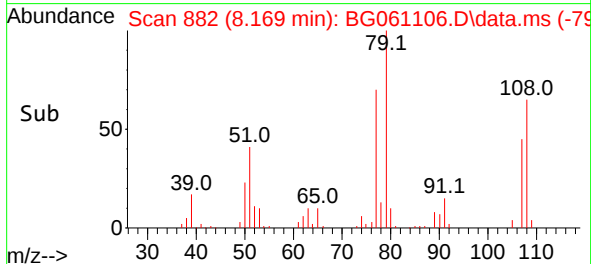
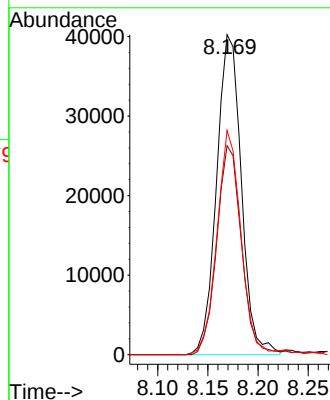
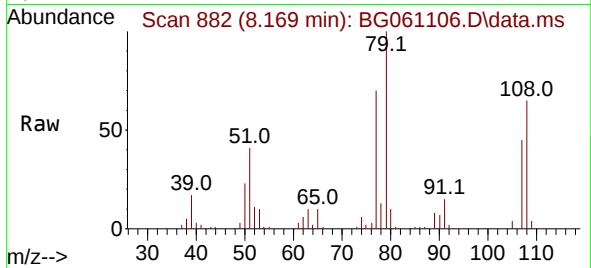
ClientSampleId :

TP-IMS

Tgt Ion: 79 Resp: 68938
Ion Ratio Lower Upper
79 100
108 65.3 51.1 76.7
77 70.1 49.0 73.6

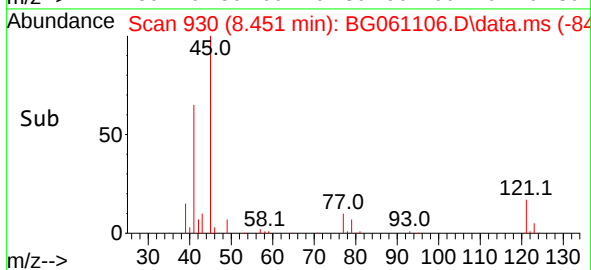
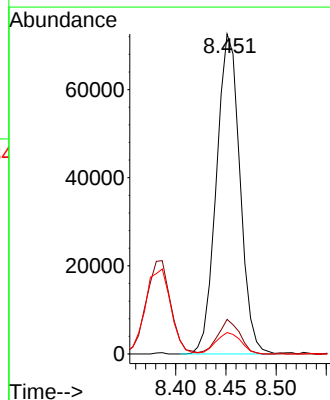
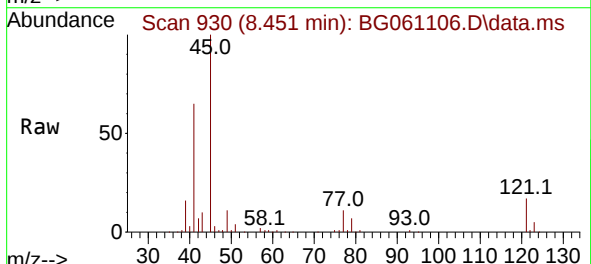
Manual Integrations
APPROVED

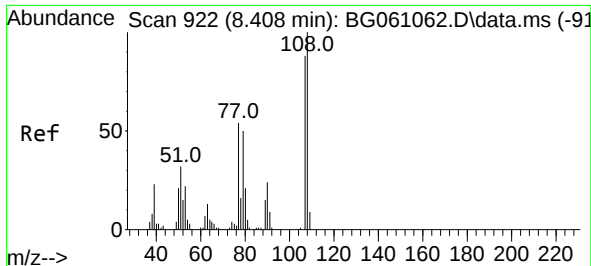
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.849 ng
RT: 8.451 min Scan# 930
Delta R.T. -0.045 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

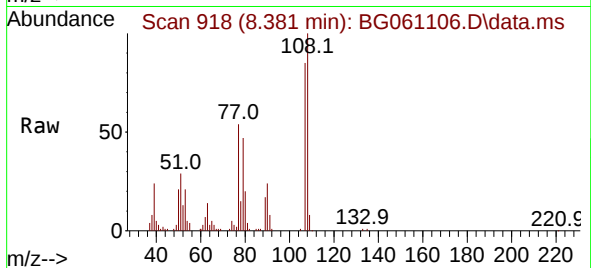
Tgt Ion: 45 Resp: 118447
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.2
79 6.7 0.0 26.5





#17
2-Methylphenol
Concen: 43.436 ng
RT: 8.381 min Scan# 918
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

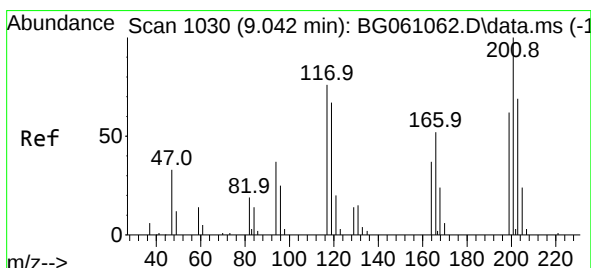
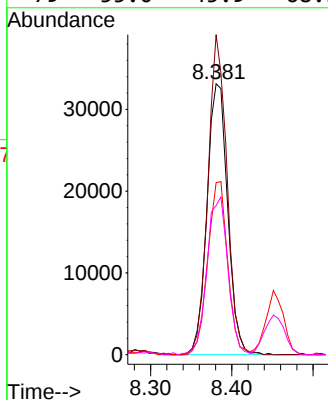
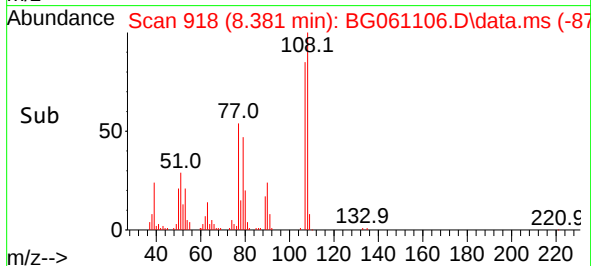
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:	107	Resp:	5844
Ion Ratio	Lower	Upper	
107	100		
108	118.1	91.4	137.2
77	63.5	49.4	74.2
79	55.0	45.9	68.9

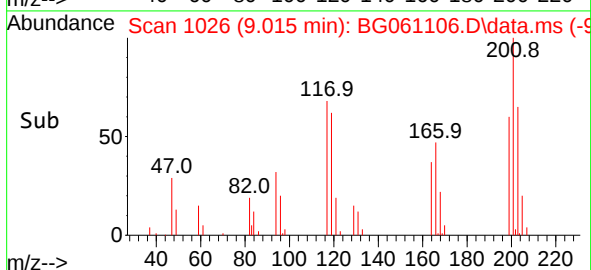
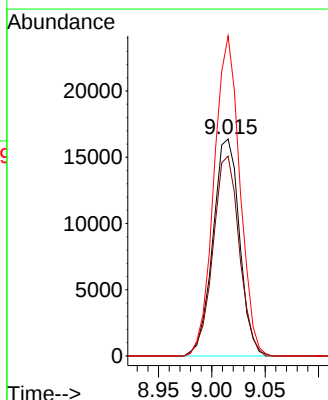
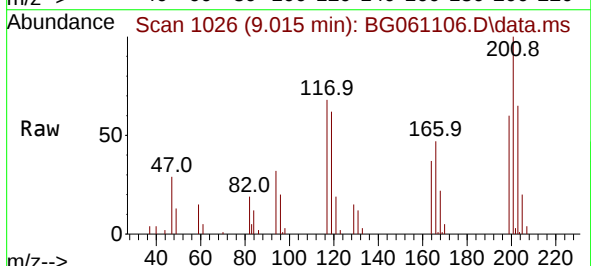
Manual Integrations
APPROVED

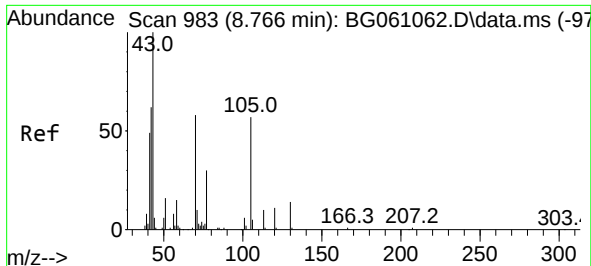
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#18
Hexachloroethane
Concen: 42.360 ng
RT: 9.015 min Scan# 1026
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:	117	Resp:	28357
Ion Ratio	Lower	Upper	
117	100		
119	92.1	71.4	107.0
201	147.5	105.8	158.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.151 ng
RT: 8.739 min Scan# 911
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

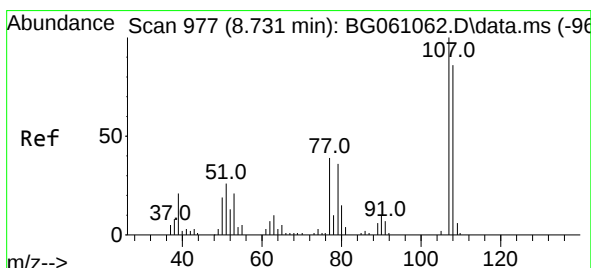
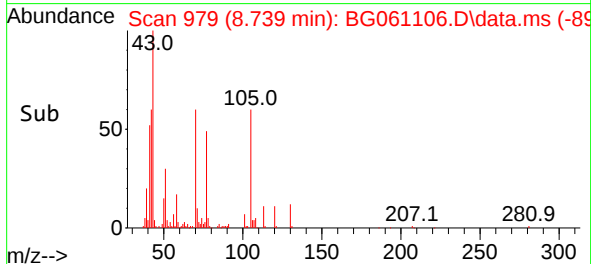
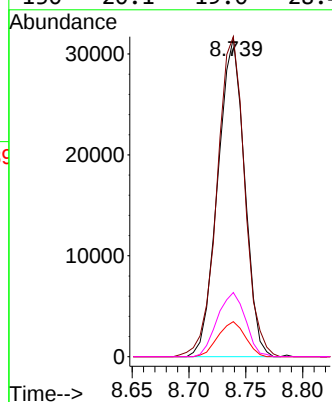
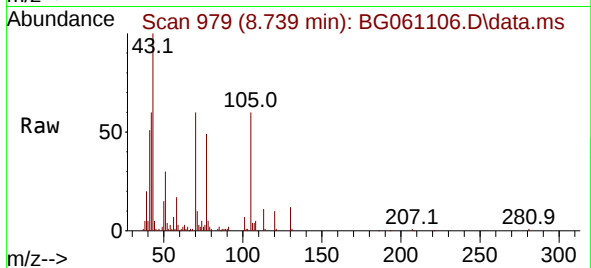
Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion: 70 Resp: 51620

Ion	Ratio	Lower	Upper
70	100		
42	100.4	86.4	129.6
101	11.0	7.8	11.8
130	20.1	19.0	28.4

Manual Integrations
APPROVED

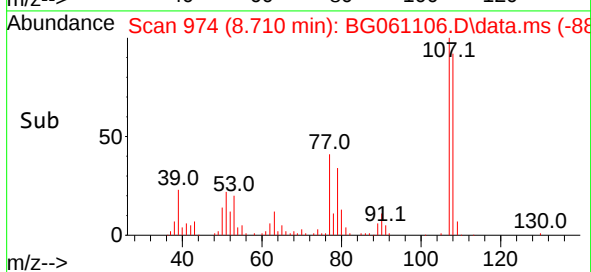
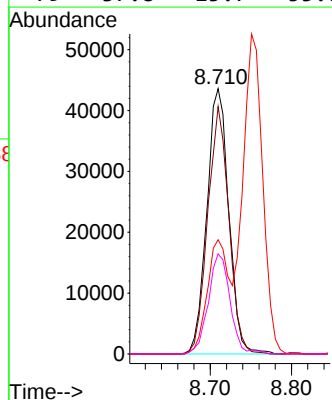
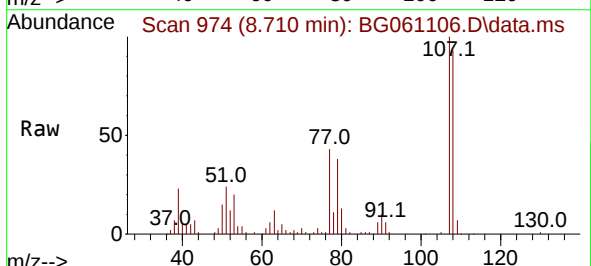
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

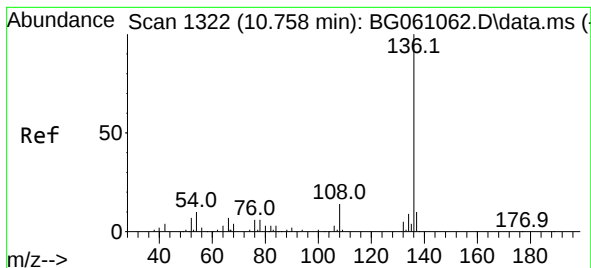


#20
3+4-Methylphenols
Concen: 42.034 ng
RT: 8.710 min Scan# 974
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:107 Resp: 81599

Ion	Ratio	Lower	Upper
107	100		
108	93.3	65.7	105.7
77	43.0	19.4	59.4
79	37.8	15.7	55.7





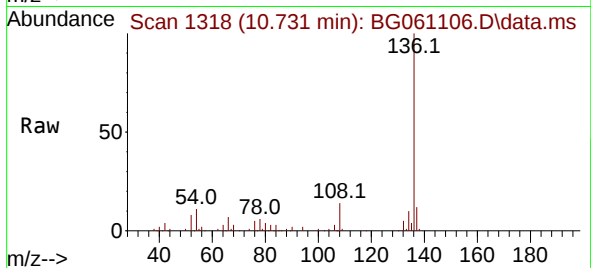
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1318
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS



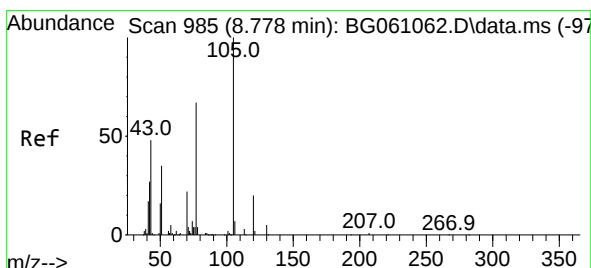
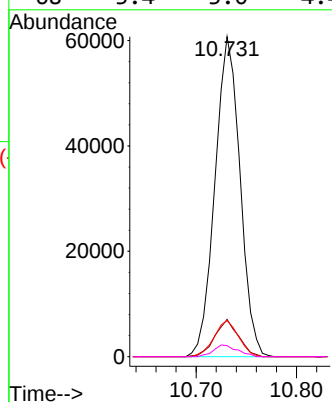
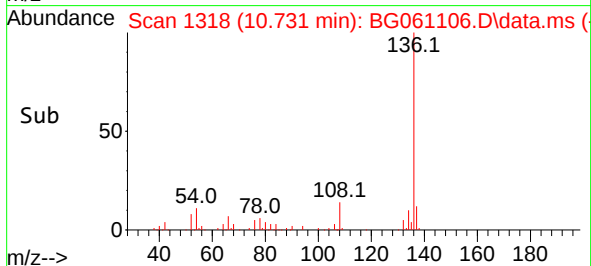
Tgt Ion:136 Resp: 105399
Ion Ratio Lower Upper
136 100
137 11.6 7.8 11.6
54 11.3 8.1 12.1
68 3.4 3.0 4.4

Manual Integrations

APPROVED

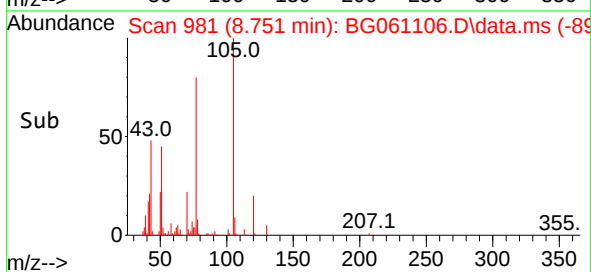
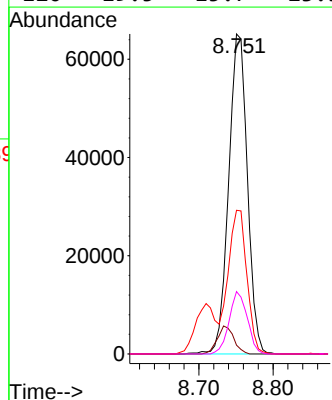
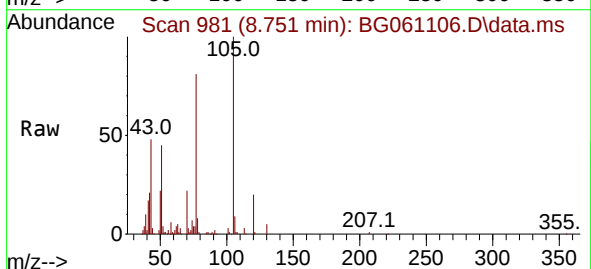
Reviewed By :Yogesh Patel 05/04/2024

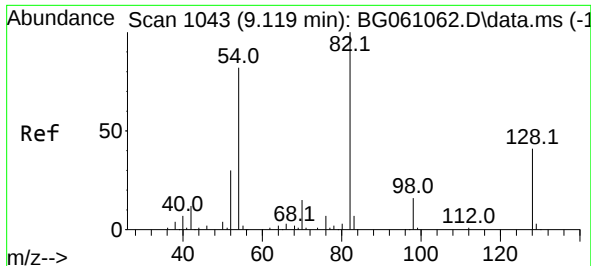
Supervised By :mohammad ahmed 05/06/2024



#22
Acetophenone
Concen: 43.475 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:105 Resp: 114117
Ion Ratio Lower Upper
105 100
71 2.7 3.3 4.9#
51 44.9 36.7 55.1
120 19.5 15.7 23.5





#23

Nitrobenzene-d5

Concen: 53.318 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion: 82 Resp: 11336

Ion Ratio Lower Upper

82 100

128 36.2 32.7 49.1

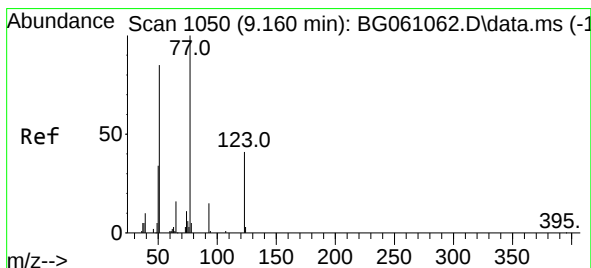
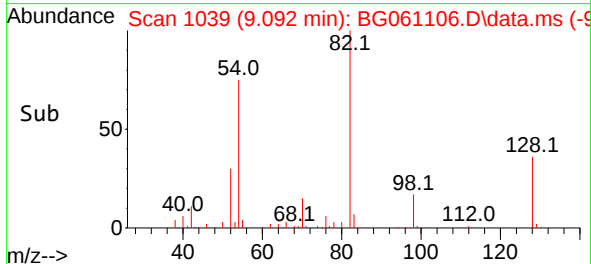
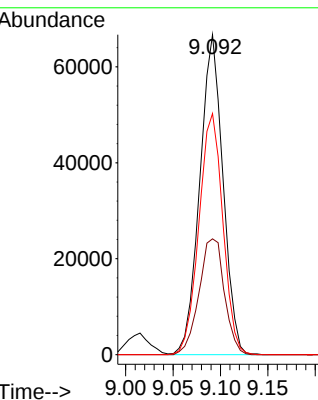
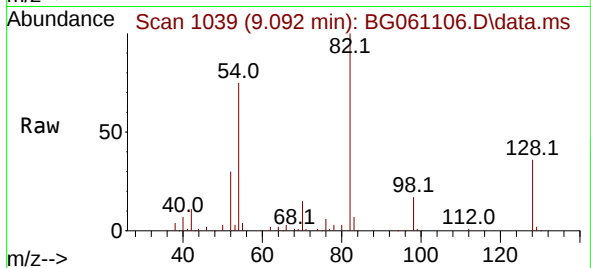
54 75.4 65.6 98.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#24

Nitrobenzene

Concen: 41.585 ng

RT: 9.133 min Scan# 1046

Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

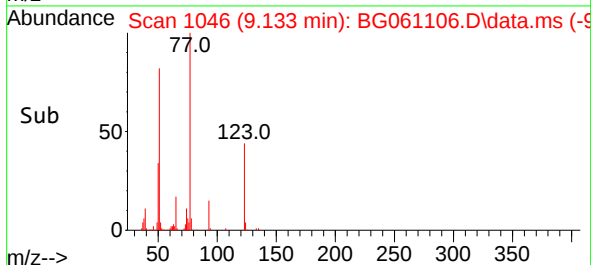
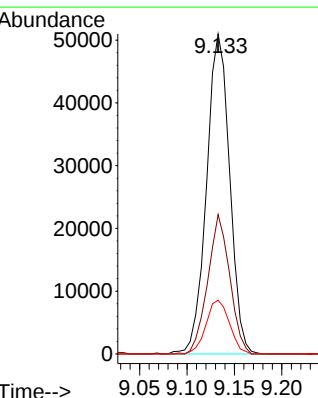
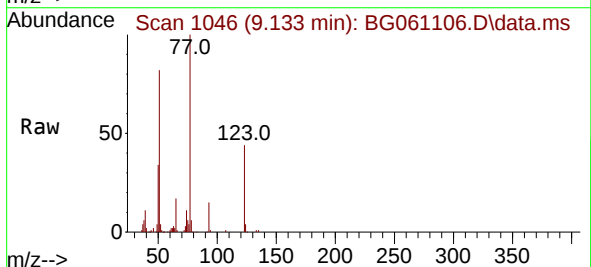
Tgt Ion: 77 Resp: 86496

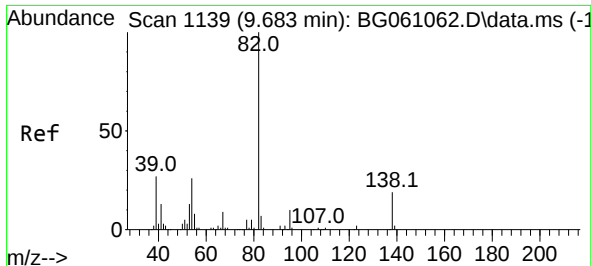
Ion Ratio Lower Upper

77 100

123 43.5 33.1 49.7

65 16.8 13.1 19.7





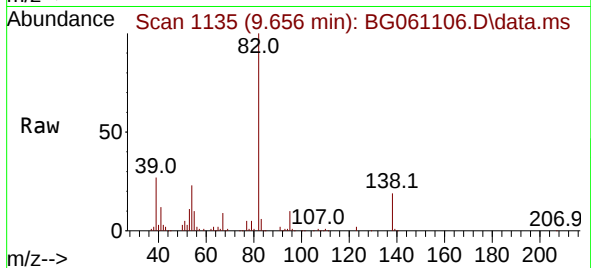
#25
Isophorone
Concen: 37.729 ng
RT: 9.656 min Scan# 1135
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

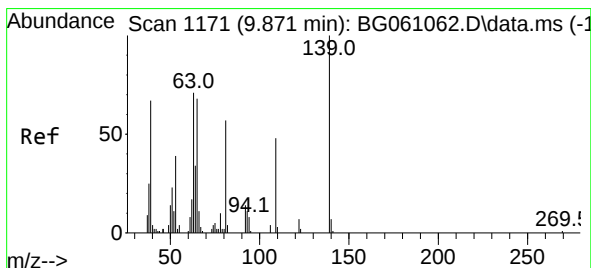
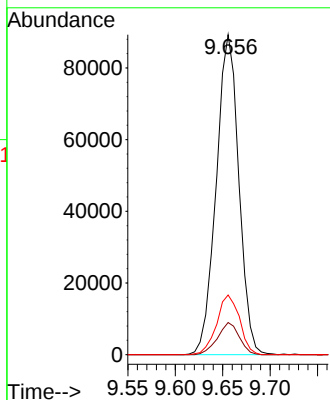
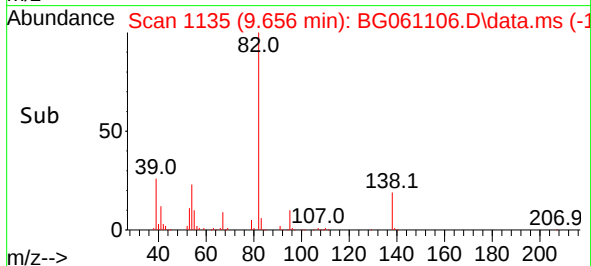
TP-IMS



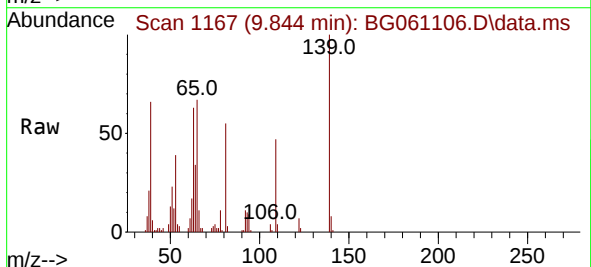
Tgt Ion: 82 Resp: 148280
Ion Ratio Lower Upper
82 100
95 10.0 8.3 12.5
138 18.6 15.2 22.8

Manual Integrations
APPROVED

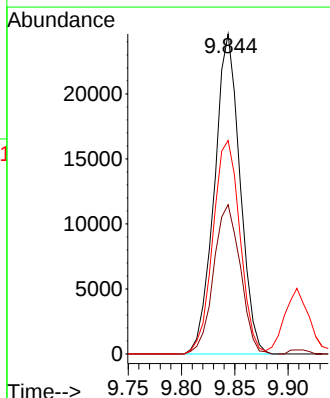
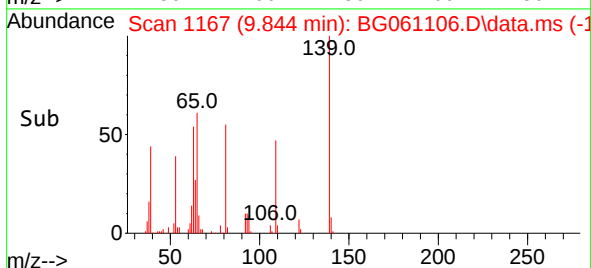
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

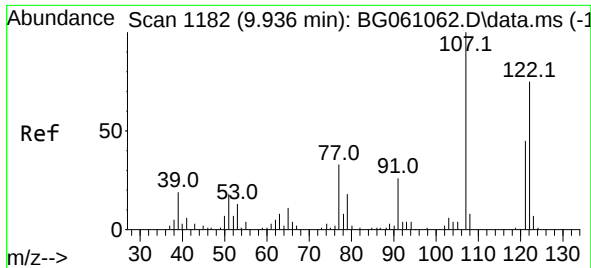


#26
2-Nitrophenol
Concen: 41.569 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47



Tgt Ion:139 Resp: 40965
Ion Ratio Lower Upper
139 100
109 46.7 38.5 57.7
65 66.7 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 47.295 ng

RT: 9.908 min Scan# 1182

Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

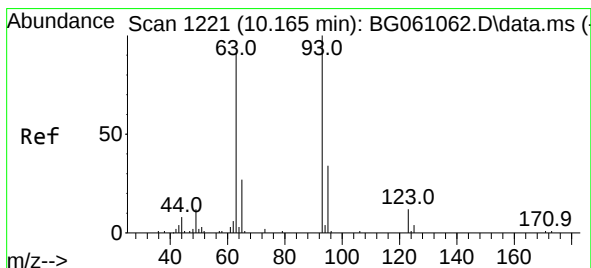
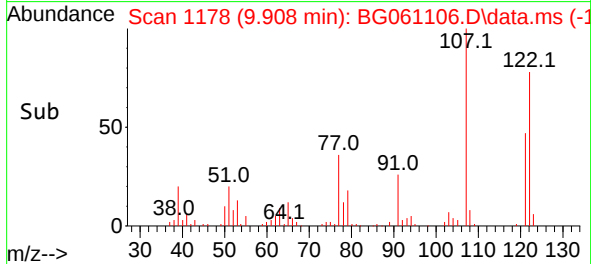
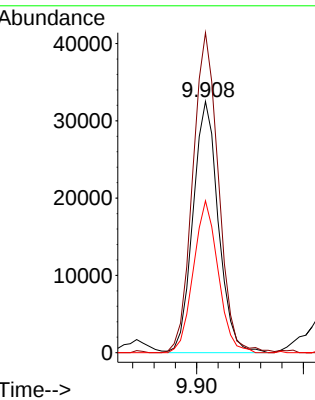
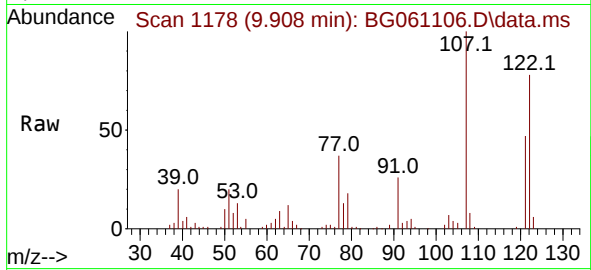
Tgt Ion:122 Resp: 53734
 Ion Ratio Lower Upper
 122 100
 107 127.4 106.9 160.3
 121 60.5 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.853 ng

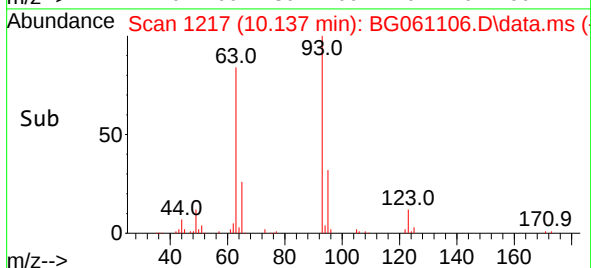
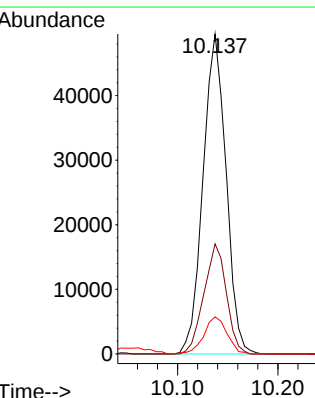
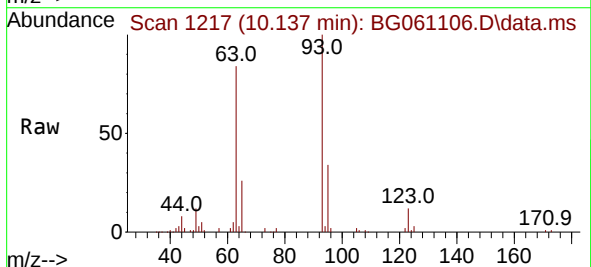
RT: 10.137 min Scan# 1217

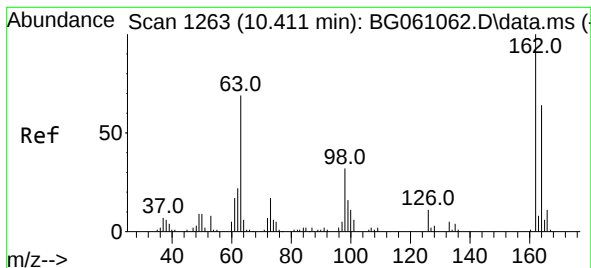
Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

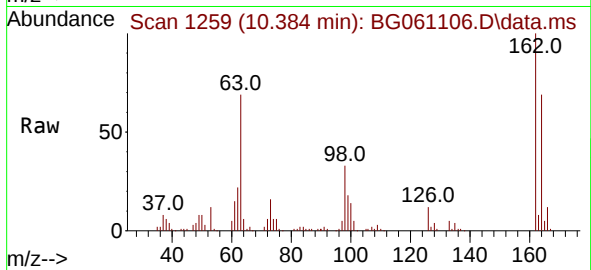
Tgt Ion: 93 Resp: 78802
 Ion Ratio Lower Upper
 93 100
 95 34.4 27.4 41.0
 123 11.6 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 46.006 ng
RT: 10.384 min Scan# 1259
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

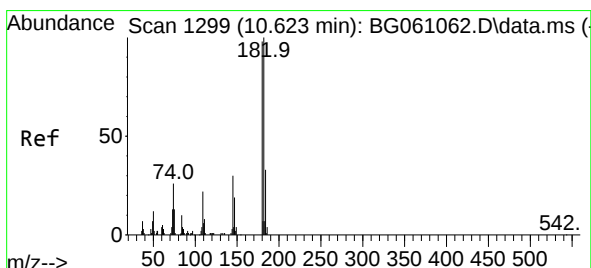
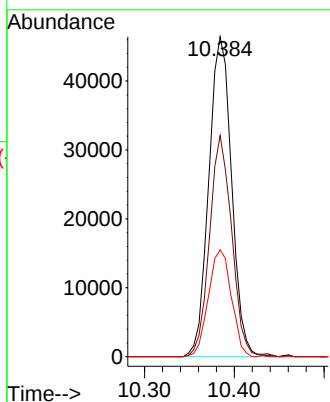
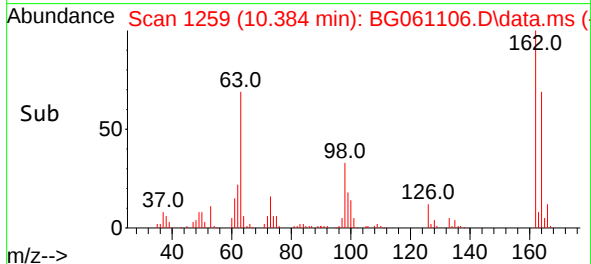
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:162 Resp: 81898
Ion Ratio Lower Upper
162 100
164 69.1 43.6 83.6
98 33.4 12.3 52.3

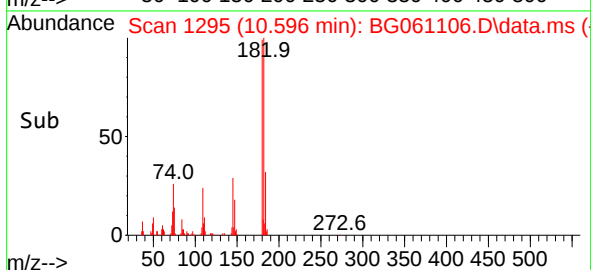
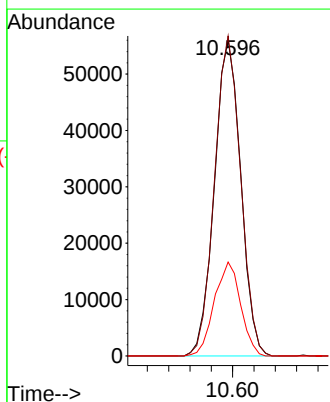
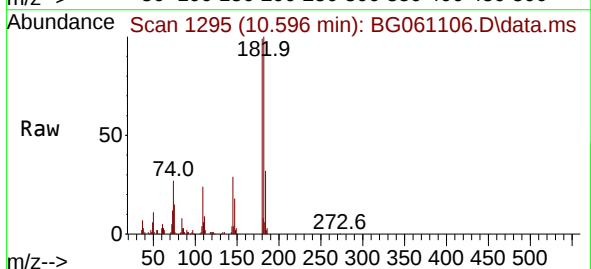
Manual Integrations
APPROVED

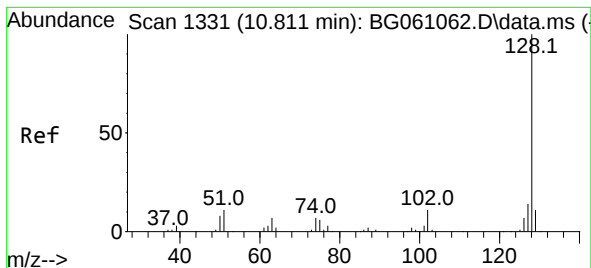
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.725 ng
RT: 10.596 min Scan# 1295
Delta R.T. -0.027 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:180 Resp: 95932
Ion Ratio Lower Upper
180 100
182 101.4 81.7 122.5
145 29.8 24.5 36.7





#31

Naphthalene

Concen: 43.434 ng

RT: 10.784 min Scan# 1

Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:128 Resp: 23792

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

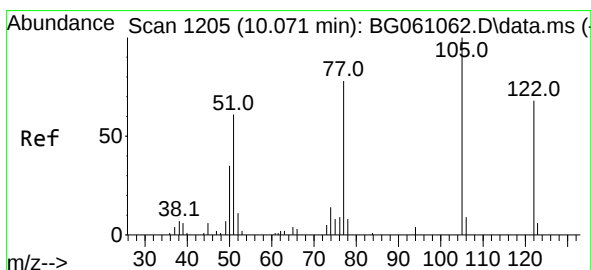
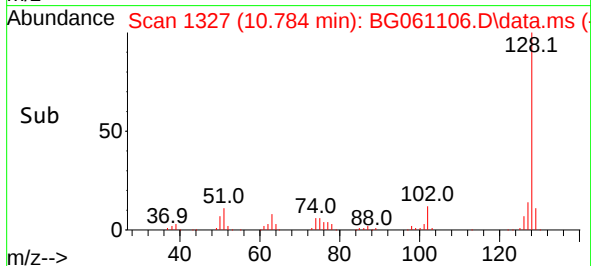
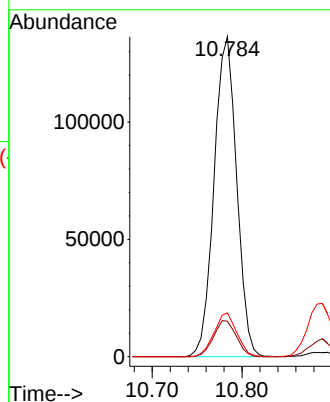
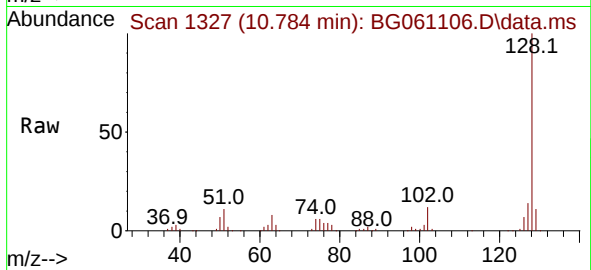
127 13.7 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#32

Benzoic acid

Concen: 34.243 ng

RT: 10.067 min Scan# 1205

Delta R.T. -0.004 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

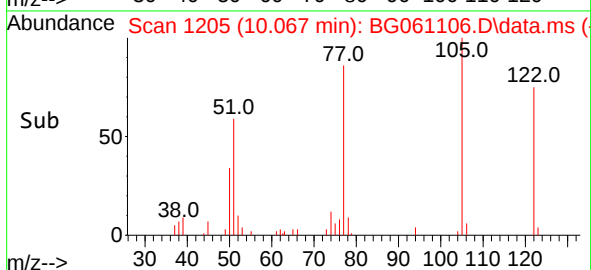
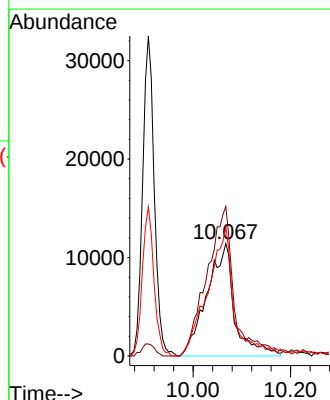
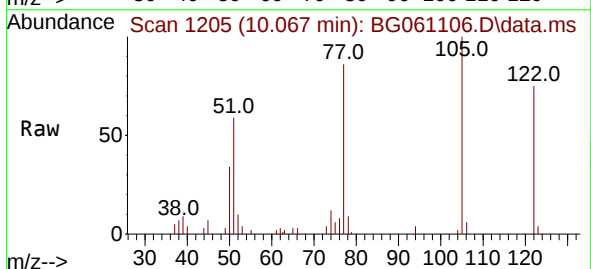
Tgt Ion:122 Resp: 44974

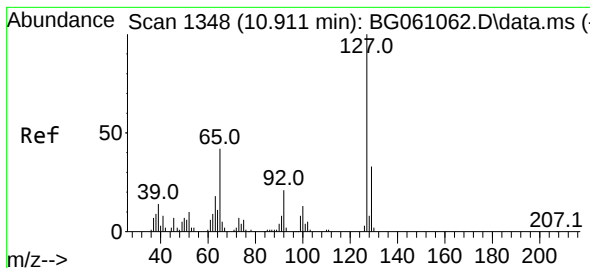
Ion Ratio Lower Upper

122 100

105 133.0 123.3 163.3

77 114.8 93.2 133.2





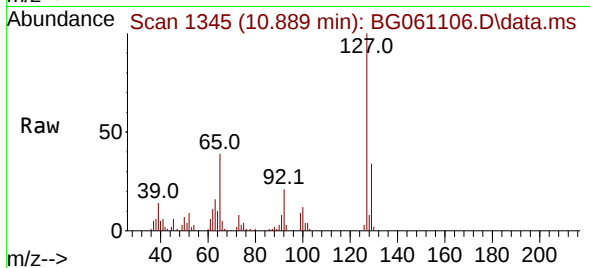
#33
4-Chloroaniline
Concen: 21.412 ng
RT: 10.889 min Scan# 1345
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS



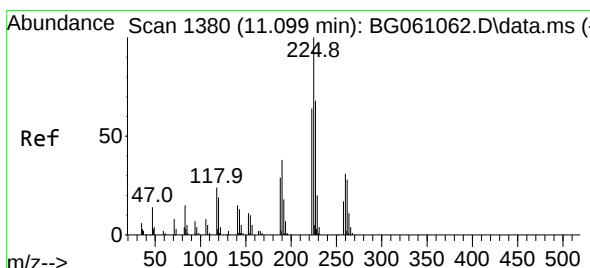
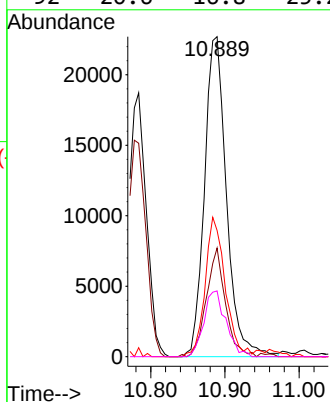
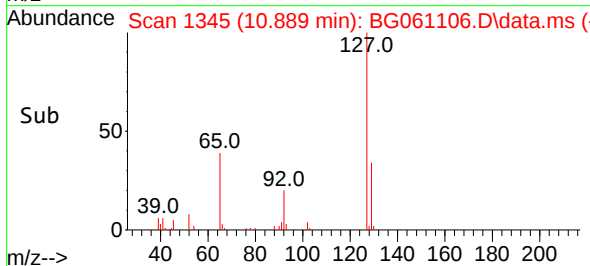
Tgt Ion:127 Resp: 46778
Ion Ratio Lower Upper
127 100
129 33.9 26.6 39.8
65 39.4 33.6 50.4
92 20.6 16.8 25.2

Manual Integrations

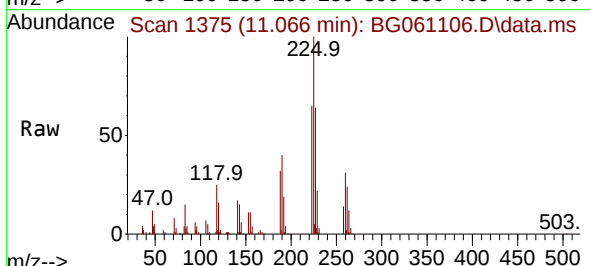
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

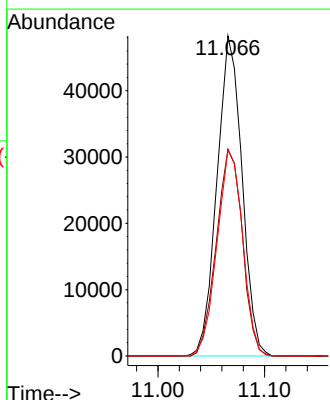
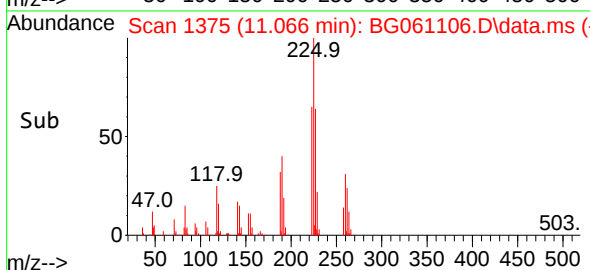
Supervised By :mohammad ahmed 05/06/2024

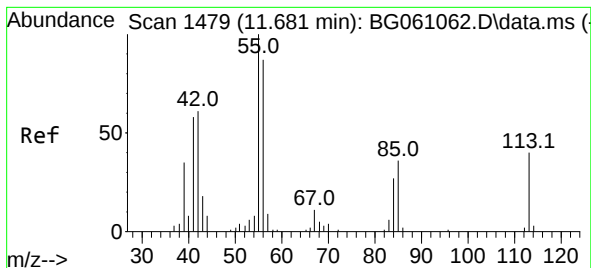


#34
Hexachlorobutadiene
Concen: 42.719 ng
RT: 11.066 min Scan# 1375
Delta R.T. -0.033 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47



Tgt Ion:225 Resp: 78622
Ion Ratio Lower Upper
225 100
223 64.6 51.0 76.4
227 67.2 54.6 82.0





#35
Caprolactam
Concen: 34.384 ng
RT: 11.671 min Scan# 1479
Delta R.T. -0.010 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

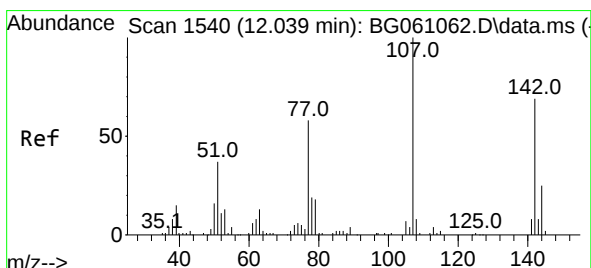
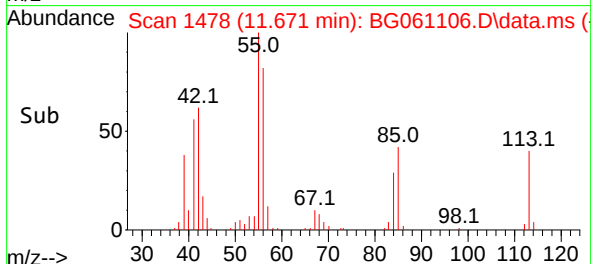
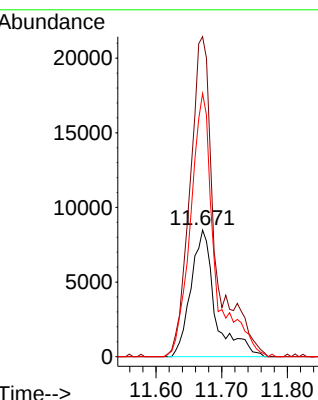
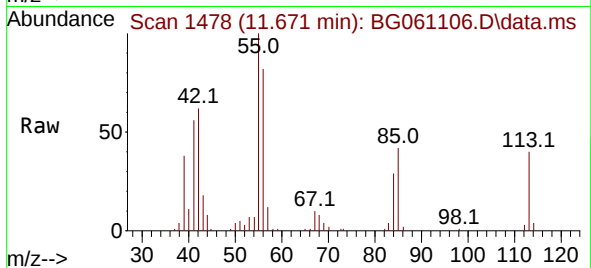
TP-IMS

Tgt Ion:113 Resp: 2204
Ion Ratio Lower Upper
113 100
55 252.9 227.6 267.6
56 207.9 195.1 235.1

Manual Integrations

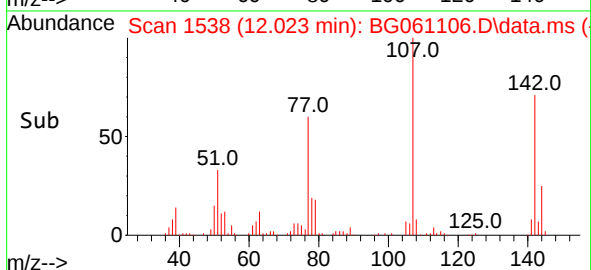
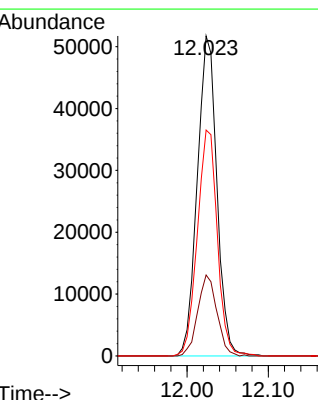
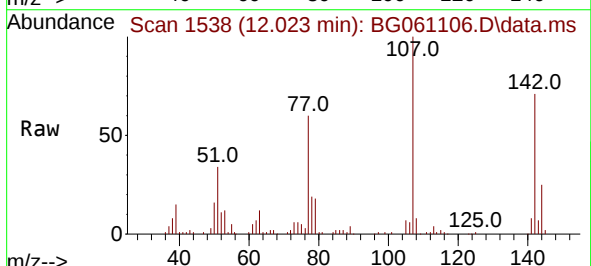
APPROVED

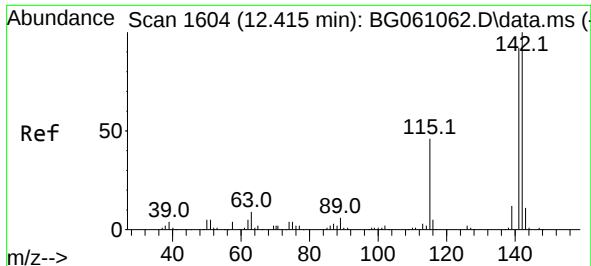
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#36
4-Chloro-3-methylphenol
Concen: 40.344 ng
RT: 12.023 min Scan# 1538
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

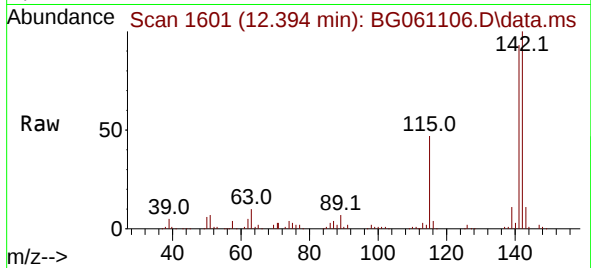
Tgt Ion:107 Resp: 86602
Ion Ratio Lower Upper
107 100
144 25.3 20.2 30.4
142 70.6 55.6 83.4





#37
2-Methylnaphthalene
Concen: 41.473 ng
RT: 12.394 min Scan# 1604
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

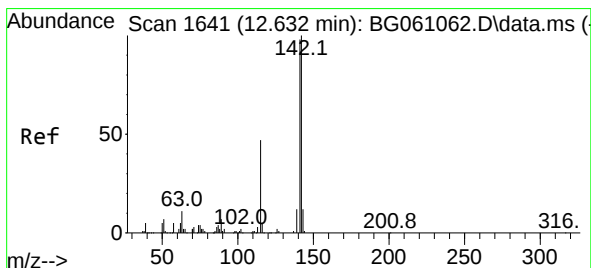
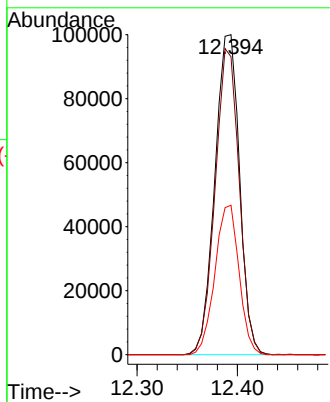
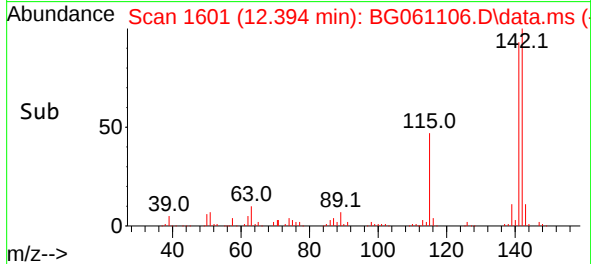
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:142 Resp: 170239
Ion Ratio Lower Upper
142 100
141 93.1 73.8 110.8
115 46.7 36.9 55.3

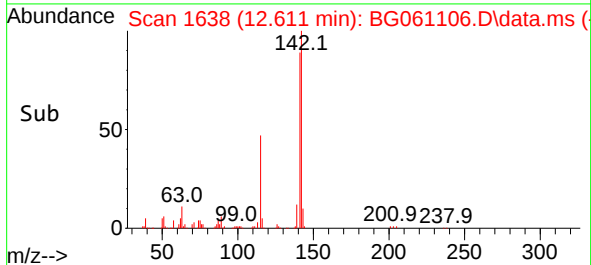
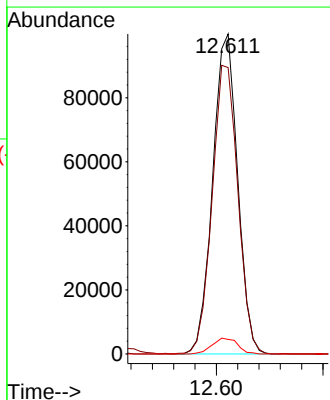
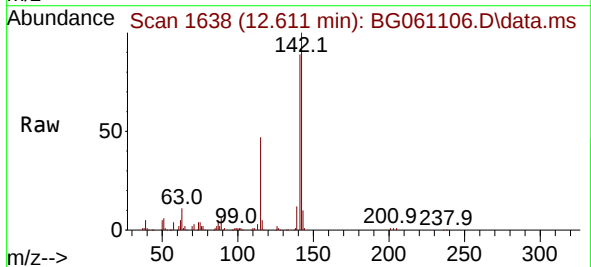
Manual Integrations
APPROVED

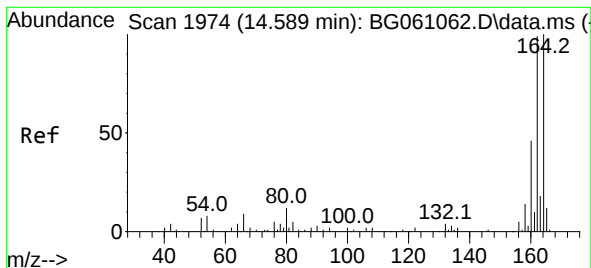
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#38
1-Methylnaphthalene
Concen: 39.164 ng
RT: 12.611 min Scan# 1638
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:142 Resp: 161842
Ion Ratio Lower Upper
142 100
141 89.5 78.4 117.6
116 4.6 4.3 6.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.567 min Scan# 1971

Delta R.T. -0.021 min

Lab File: BG061106.D

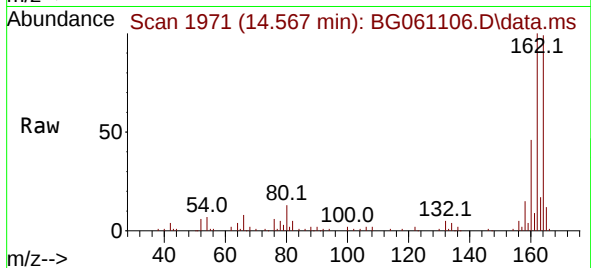
Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS



Tgt Ion:164 Resp: 8318

Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.2

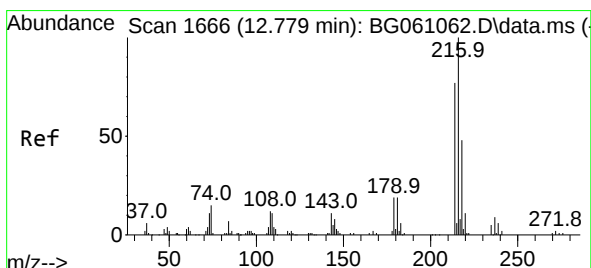
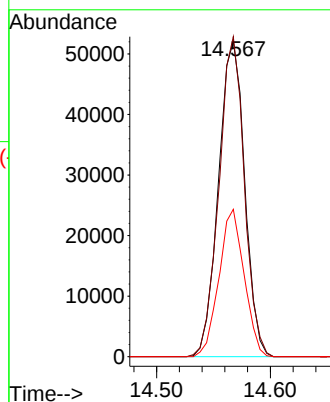
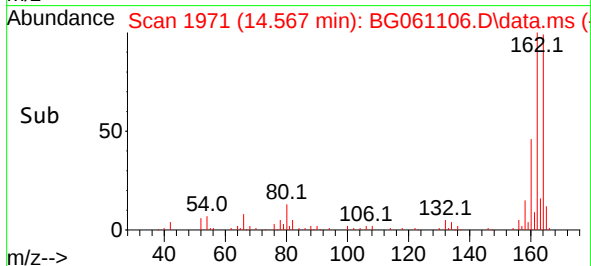
160 46.7 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.958 ng

RT: 12.758 min Scan# 1663

Delta R.T. -0.021 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Tgt Ion:216 Resp: 141460

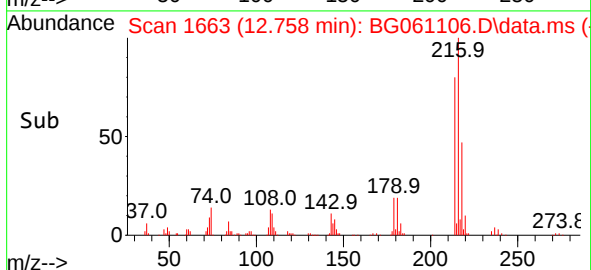
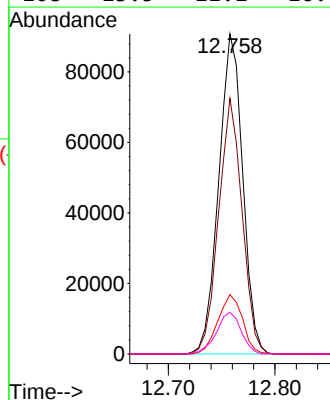
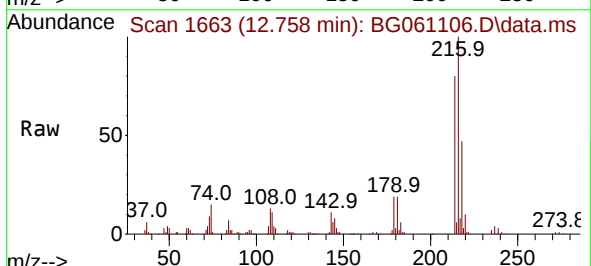
Ion Ratio Lower Upper

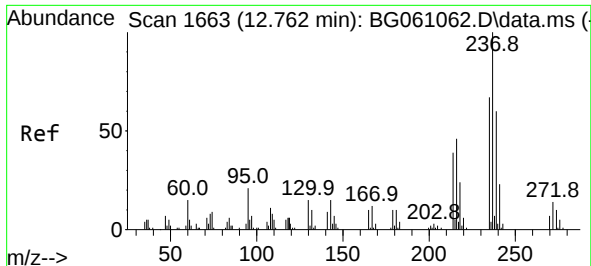
216 100

214 78.1 64.2 96.2

179 19.1 15.4 23.2

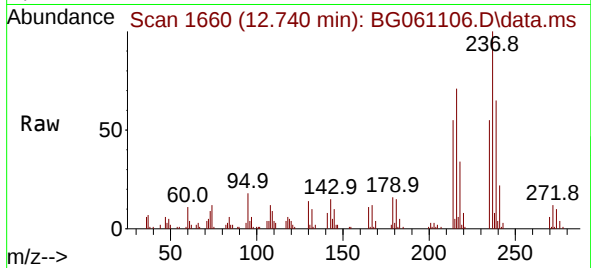
108 13.5 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 43.029 ng
RT: 12.740 min Scan# 1660
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

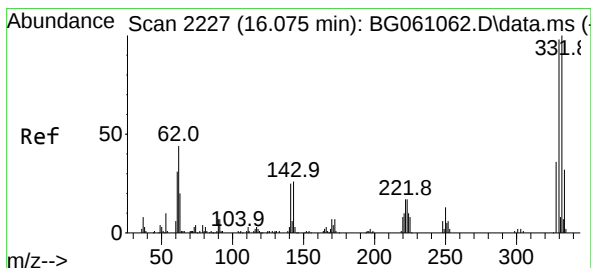
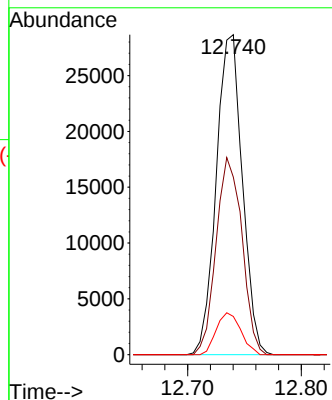
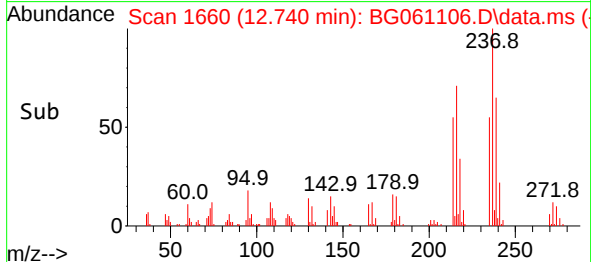
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:237 Resp: 4572
Ion Ratio Lower Upper
237 100
235 55.5 46.5 86.5
272 12.0 0.0 33.9

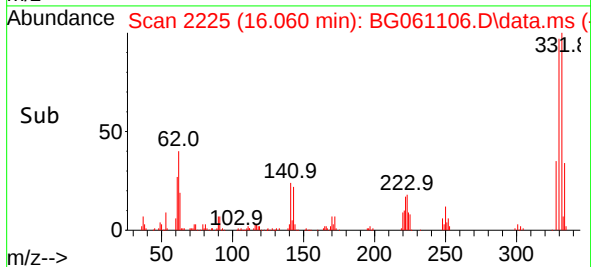
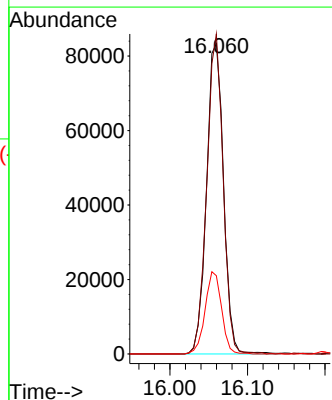
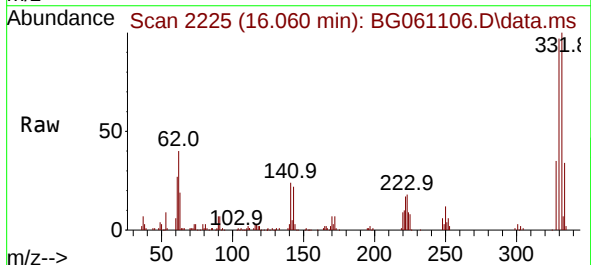
Manual Integrations
APPROVED

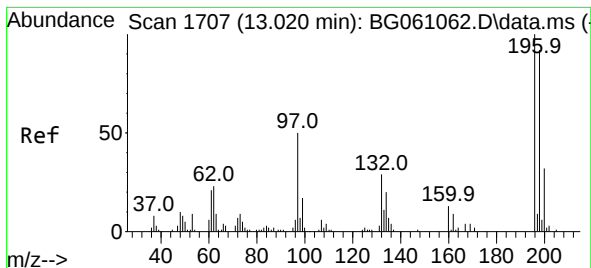
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#42
2,4,6-Tribromophenol
Concen: 76.409 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:330 Resp: 127042
Ion Ratio Lower Upper
330 100
332 98.7 78.6 117.8
141 25.6 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 47.927 ng

RT: 12.999 min Scan# 1717

Delta R.T. -0.021 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

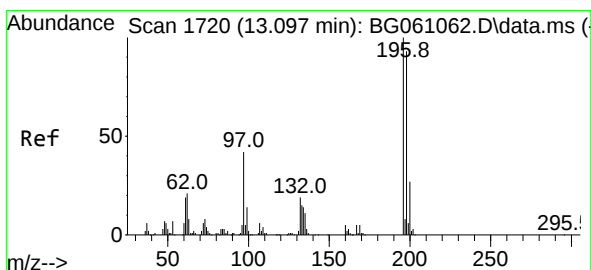
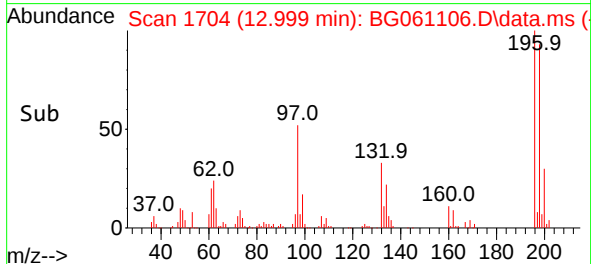
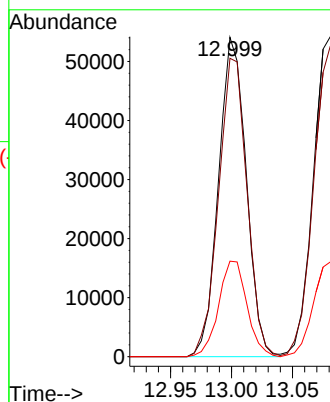
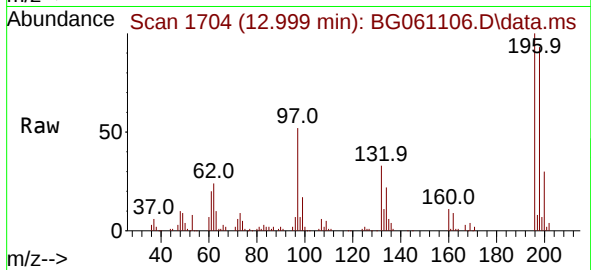
Tgt Ion:196	Resp:	8541
Ion Ratio	Lower	Upper
196	100	
198	93.4	73.8 110.6
200	29.9	25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#44

2,4,5-Trichlorophenol

Concen: 44.887 ng

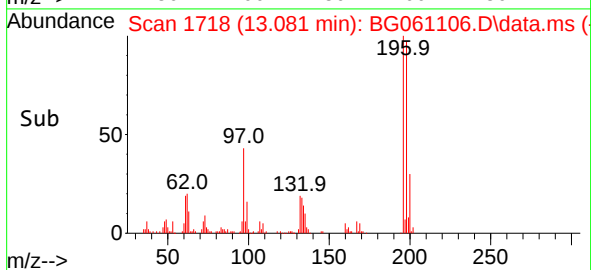
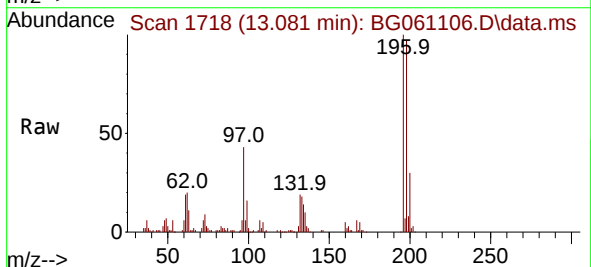
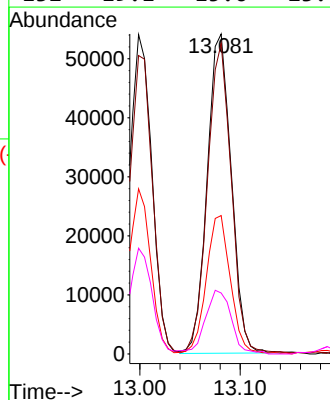
RT: 13.081 min Scan# 1718

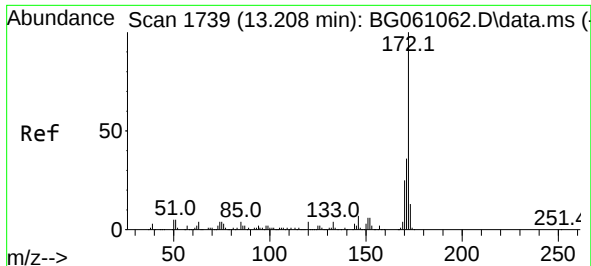
Delta R.T. -0.016 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

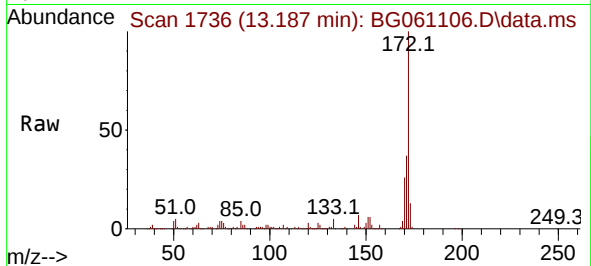
Tgt Ion:196	Resp:	90540
Ion Ratio	Lower	Upper
196	100	
198	97.0	74.3 111.5
97	43.2	33.6 50.4
132	19.1	15.6 23.4





#45
2-Fluorobiphenyl
Concen: 56.305 ng
RT: 13.187 min Scan# 1736
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

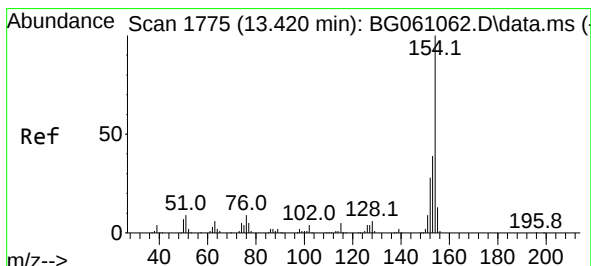
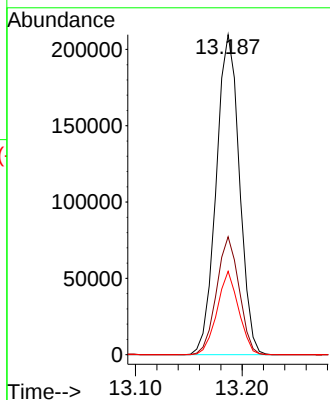
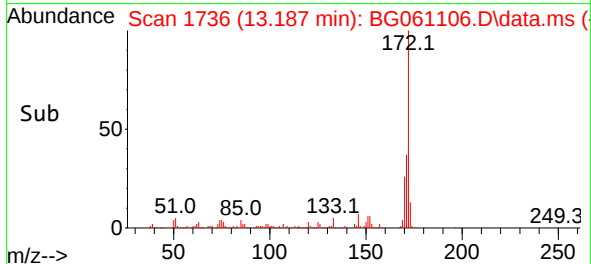
Instrument :
BNA_G
ClientSampleId :
TP-1MS



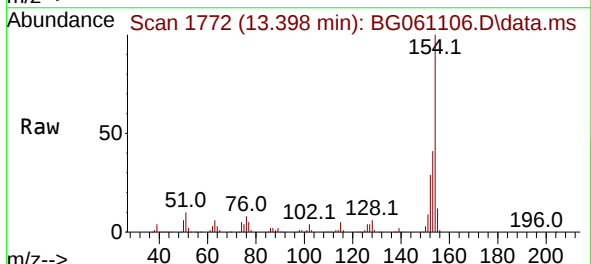
Tgt Ion:172 Resp: 31673
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.6
170 26.0 20.2 30.4

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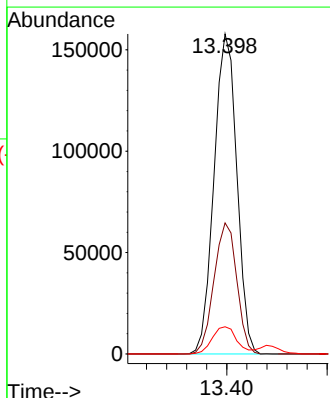
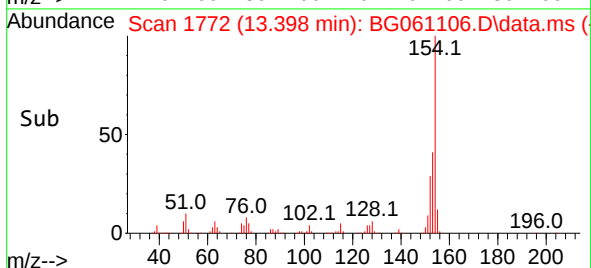
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

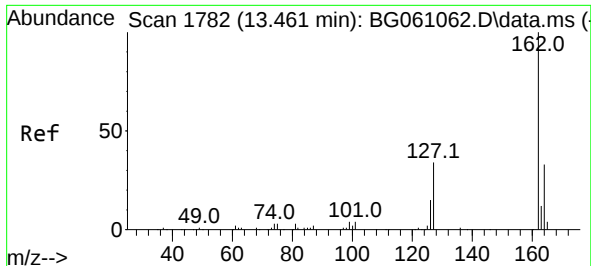


#46
1,1'-Biphenyl
Concen: 46.541 ng
RT: 13.398 min Scan# 1772
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47



Tgt Ion:154 Resp: 248227
Ion Ratio Lower Upper
154 100
153 40.9 19.3 59.3
76 8.5 0.0 28.8





#47

2-Chloronaphthalene

Concen: 45.070 ng

RT: 13.439 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:162 Resp: 192480

Ion Ratio Lower Upper

162 100

127 39.9 30.7 46.1

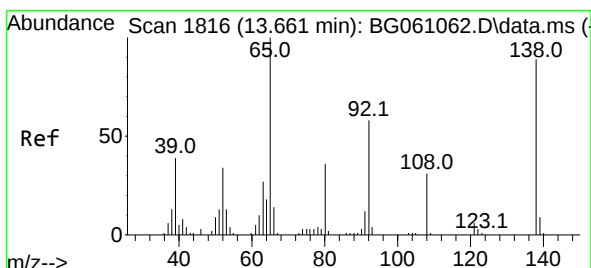
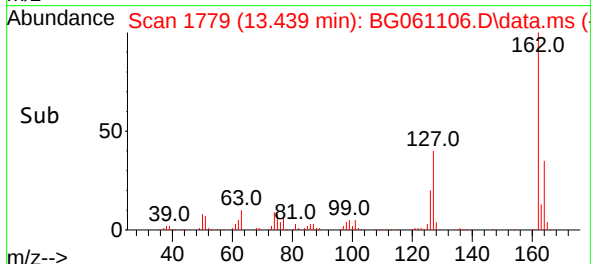
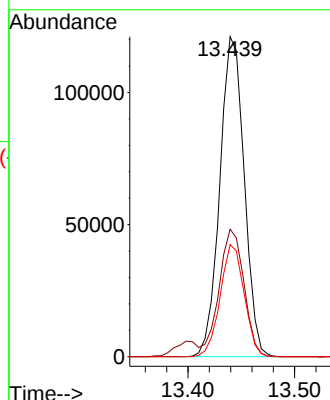
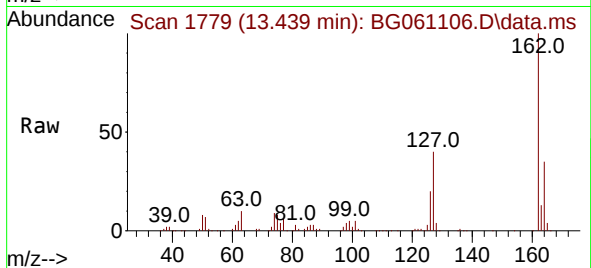
164 35.1 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#48

2-Nitroaniline

Concen: 44.239 ng

RT: 13.645 min Scan# 1814

Delta R.T. -0.016 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

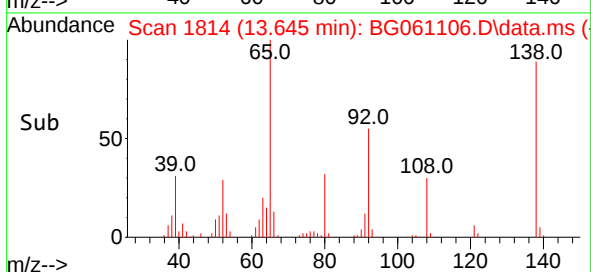
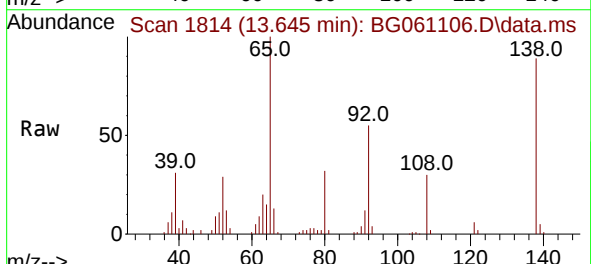
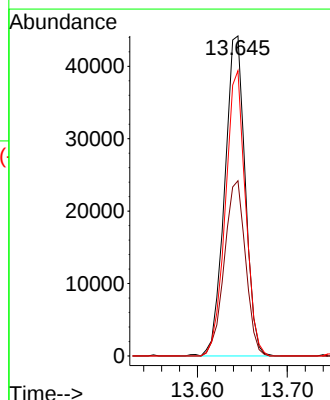
Tgt Ion: 65 Resp: 70110

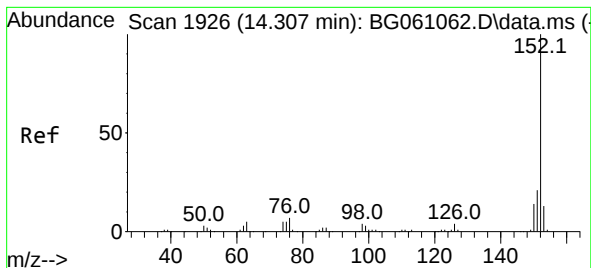
Ion Ratio Lower Upper

65 100

92 54.8 46.7 70.1

138 89.1 71.4 107.2





#49

Acenaphthylene

Concen: 48.740 ng

RT: 14.285 min Scan# 1923

Delta R.T. -0.021 min

Lab File: BG061106.D

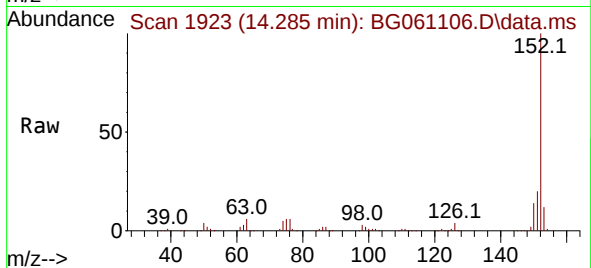
Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS



Tgt Ion:152 Resp: 31970

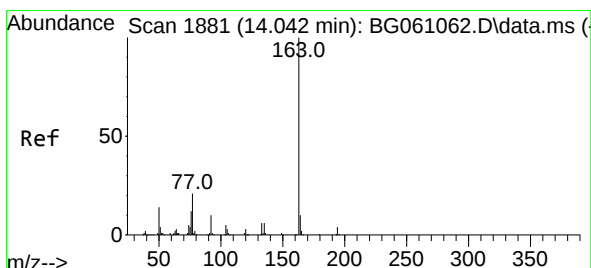
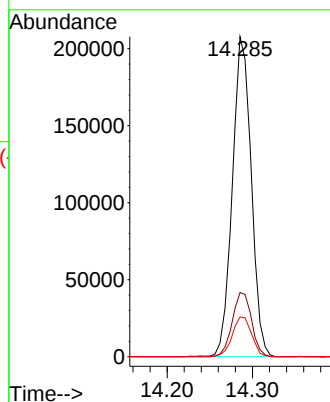
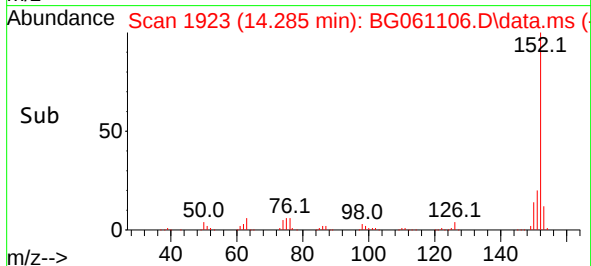
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	12.4	10.6	15.8

Manual Integrations

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Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#50

Dimethylphthalate

Concen: 41.129 ng

RT: 14.021 min Scan# 1878

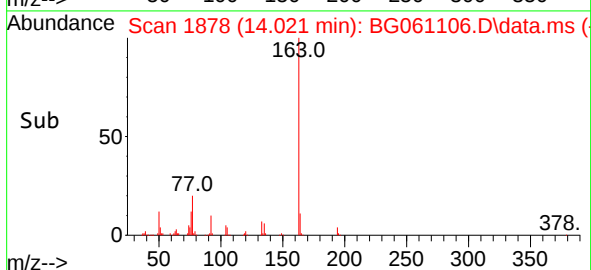
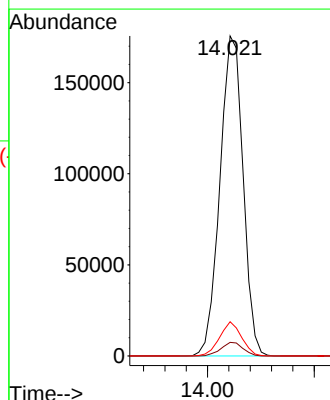
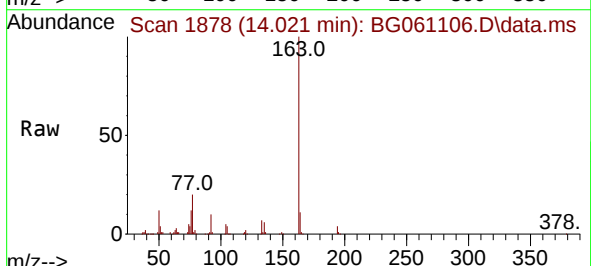
Delta R.T. -0.021 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Tgt Ion:163 Resp: 264247

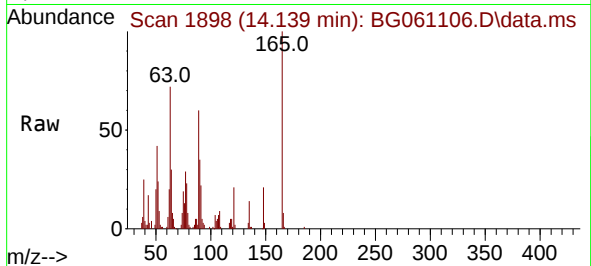
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.7	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 40.070 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

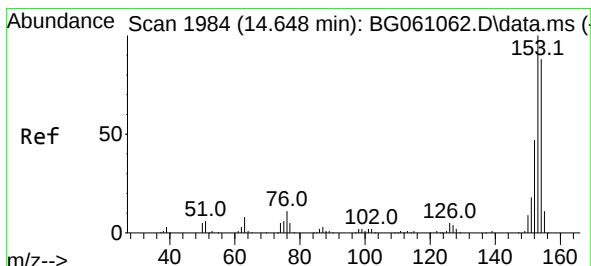
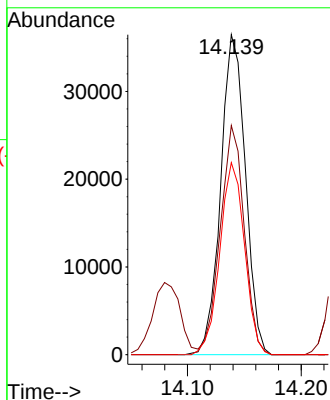
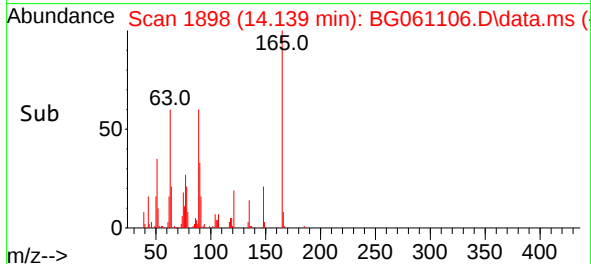
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:165 Resp: 5506
Ion Ratio Lower Upper
165 100
63 71.6 60.0 90.0
89 60.0 50.9 76.3

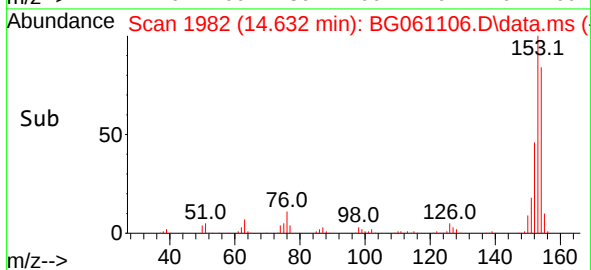
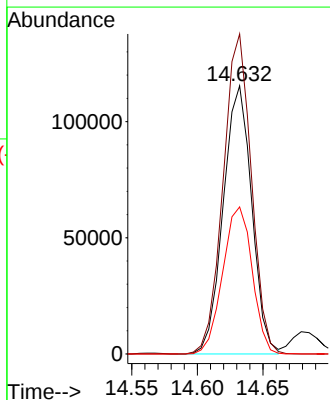
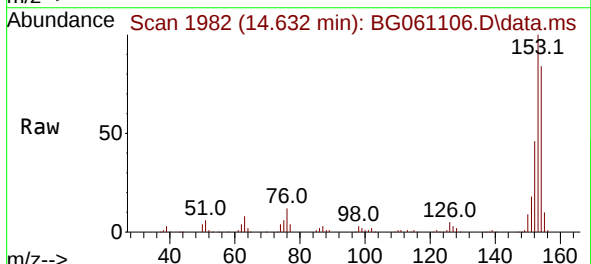
Manual Integrations
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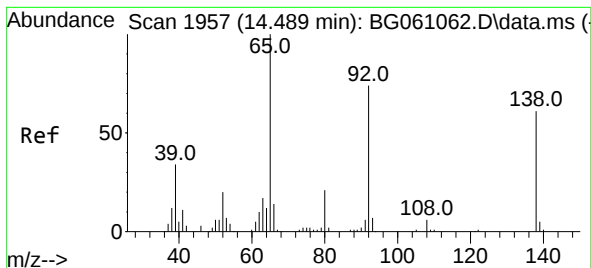
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#52
Acenaphthene
Concen: 42.552 ng
RT: 14.632 min Scan# 1982
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:154 Resp: 174122
Ion Ratio Lower Upper
154 100
153 119.4 91.0 136.4
152 54.9 43.1 64.7





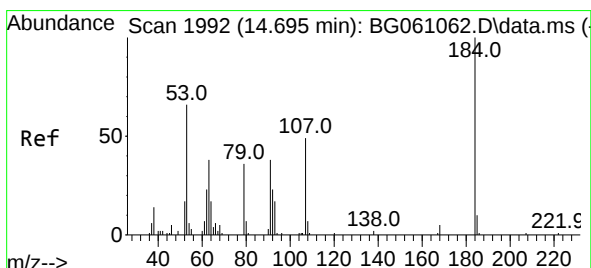
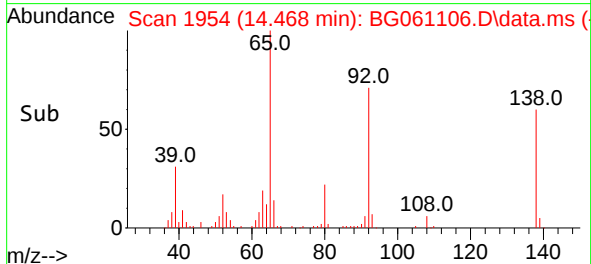
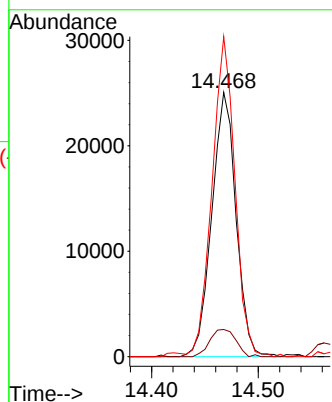
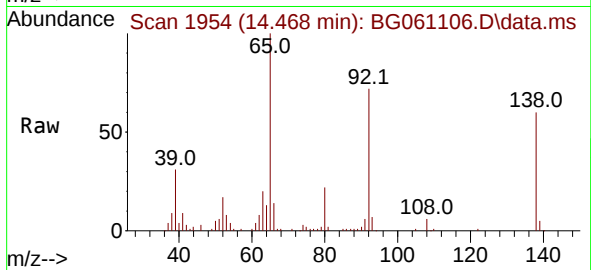
#53
3-Nitroaniline
Concen: 31.405 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:138 Resp: 39490
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 121.1 98.0 147.0

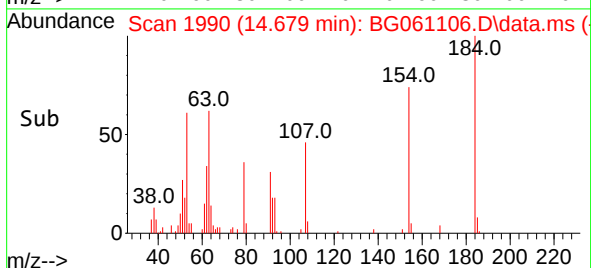
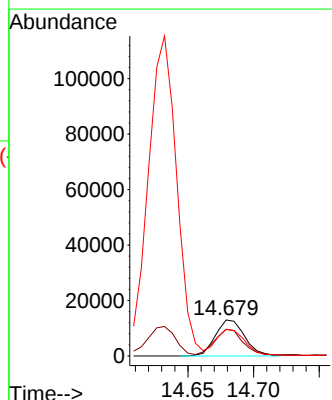
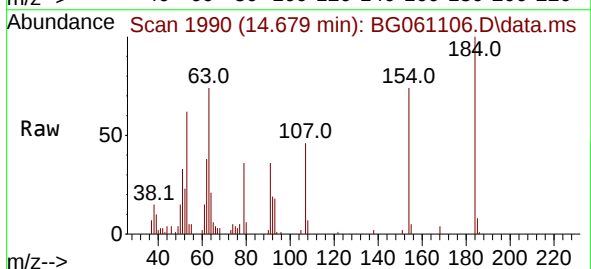
Manual Integrations
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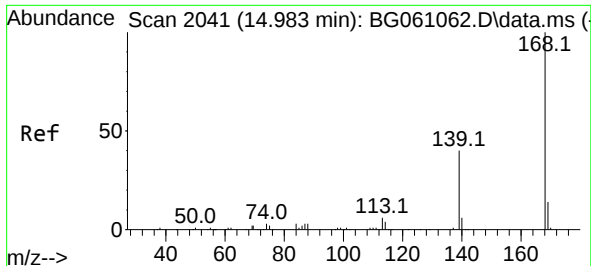
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#54
2,4-Dinitrophenol
Concen: 22.365 ng
RT: 14.679 min Scan# 1990
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

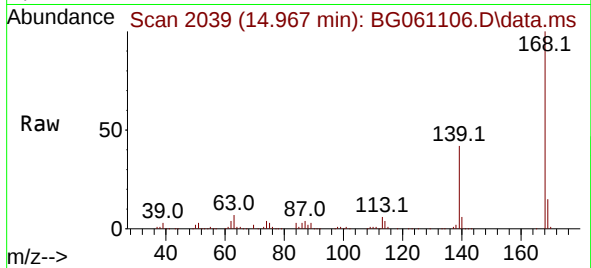
Tgt Ion:184 Resp: 20194
Ion Ratio Lower Upper
184 100
63 74.1 62.6 93.8
154 73.8 61.4 92.0





#55
Dibenzenofuran
Concen: 43.707 ng
RT: 14.967 min Scan# 2010
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

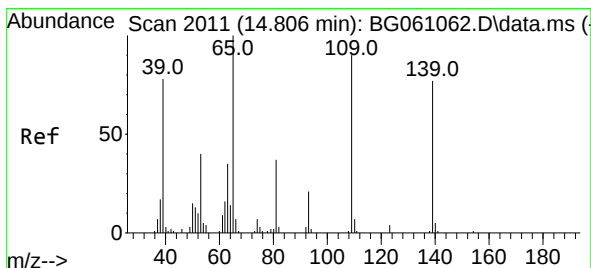
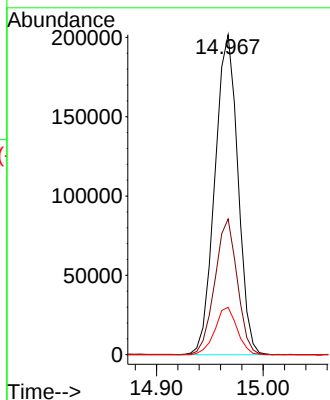
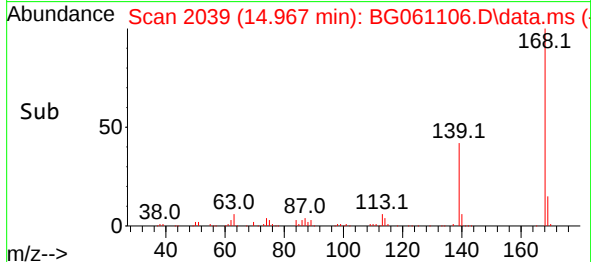
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:168 Resp: 302090
Ion Ratio Lower Upper
168 100
139 42.4 32.2 48.4
169 14.8 11.4 17.2

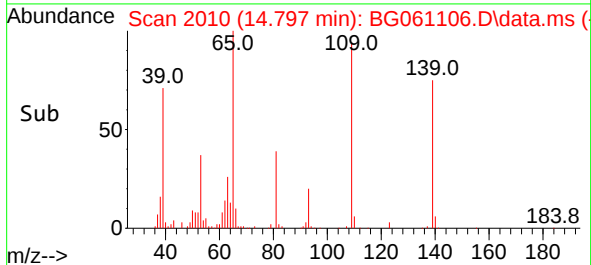
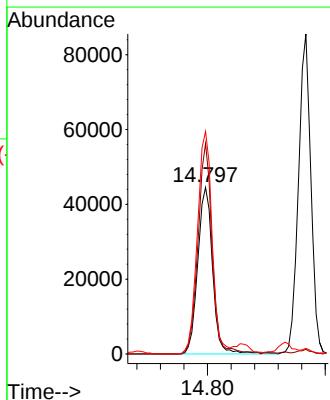
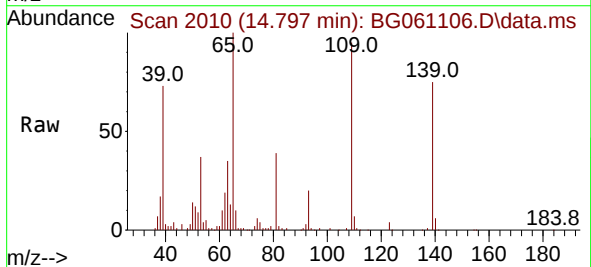
Manual Integrations
APPROVED

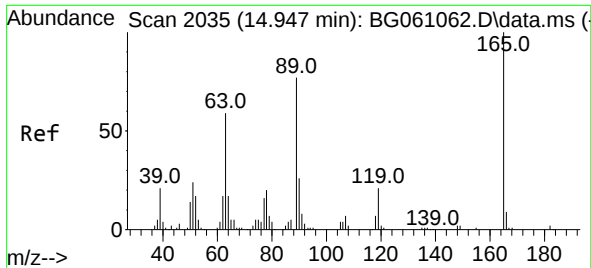
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#56
4-Nitrophenol
Concen: 76.726 ng
RT: 14.797 min Scan# 2010
Delta R.T. -0.010 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:139 Resp: 77970
Ion Ratio Lower Upper
139 100
109 126.4 97.7 137.7
65 133.6 110.7 150.7





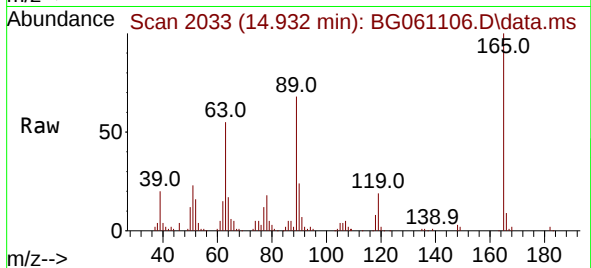
#57
2,4-Dinitrotoluene
Concen: 37.366 ng
RT: 14.932 min Scan# 2033
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

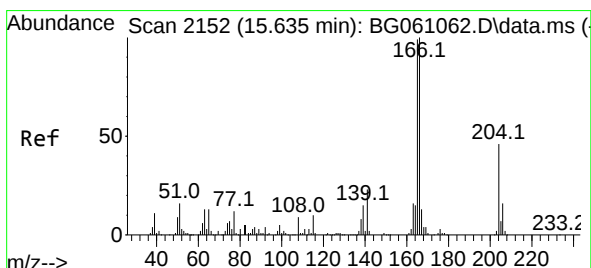
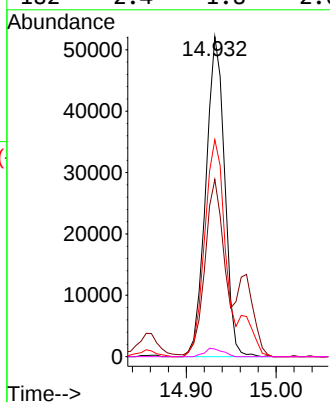
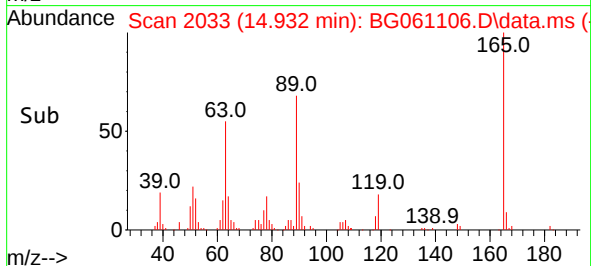


Tgt Ion:165 Resp: 7597
Ion Ratio Lower Upper
165 100
63 55.4 47.3 70.9
89 67.8 61.8 92.8
182 2.4 1.8 2.6

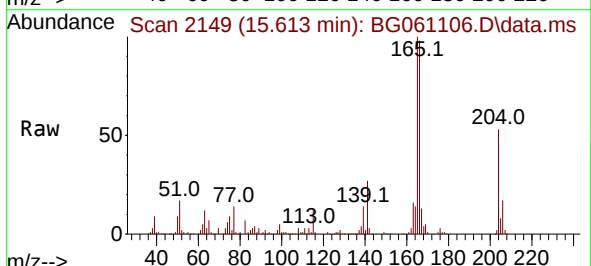
Manual Integrations

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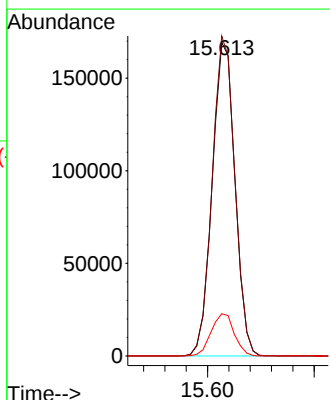
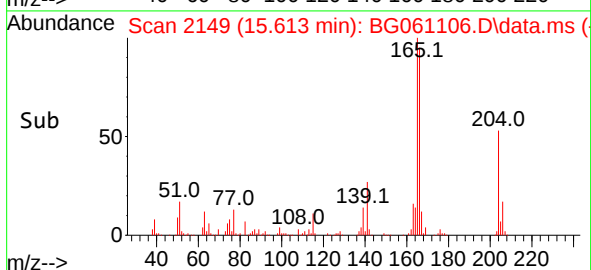
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

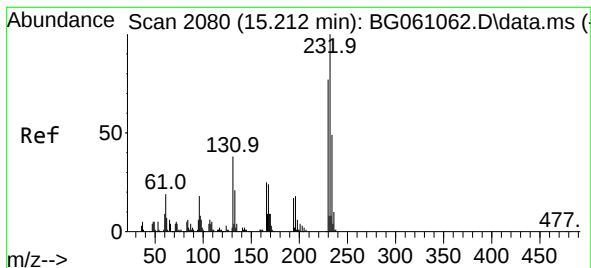


#58
Fluorene
Concen: 41.950 ng
RT: 15.613 min Scan# 2149
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47



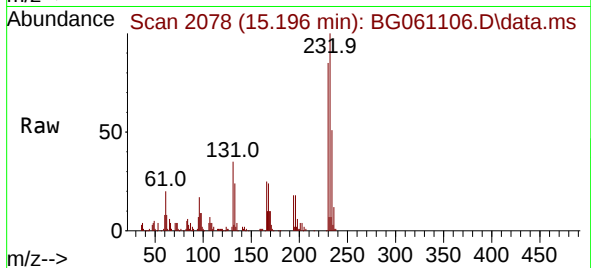
Tgt Ion:166 Resp: 250895
Ion Ratio Lower Upper
166 100
165 102.1 78.9 118.3
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.781 ng
RT: 15.196 min Scan# 2080
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

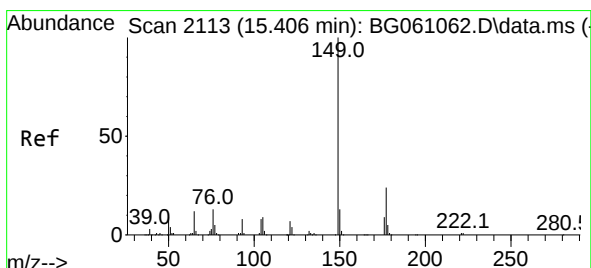
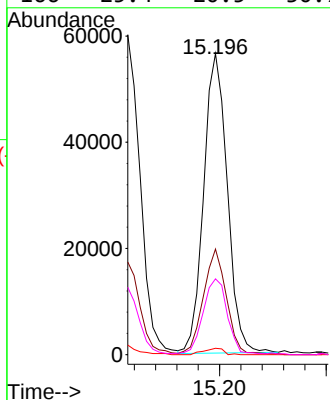
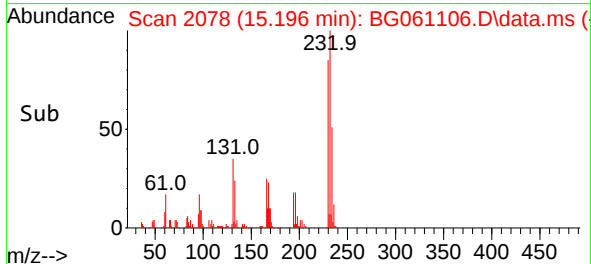
Instrument :
BNA_G
ClientSampleId :
TP-1MS



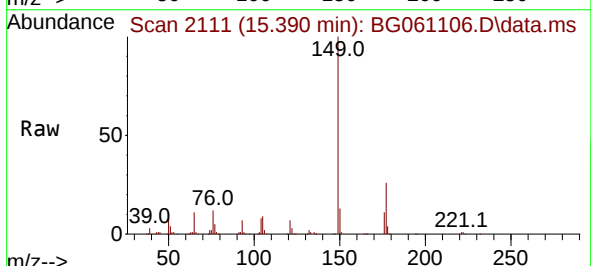
Tgt Ion:232 Resp: 8675
Ion Ratio Lower Upper
232 100
131 34.7 27.0 40.4
130 1.8 1.7 2.5
166 25.4 20.5 30.7

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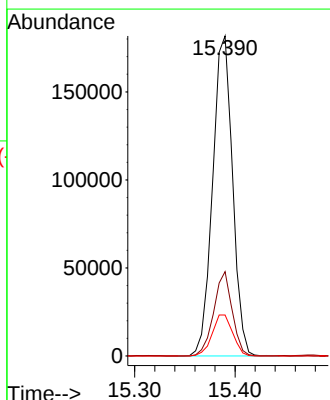
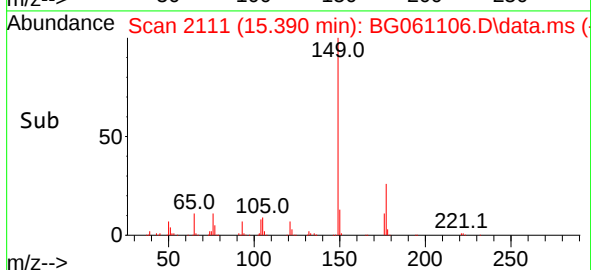
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

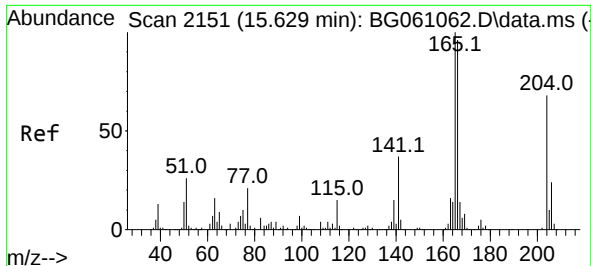


#60
Diethylphthalate
Concen: 38.643 ng
RT: 15.390 min Scan# 2111
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47



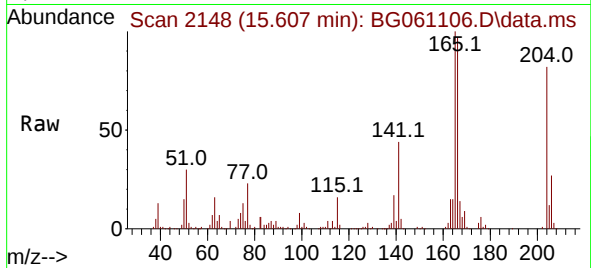
Tgt Ion:149 Resp: 250369
Ion Ratio Lower Upper
149 100
177 26.3 19.1 28.7
150 12.8 10.6 16.0





#61
4-Chlorophenyl-phenylether
Concen: 41.906 ng
RT: 15.607 min Scan# 2151
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

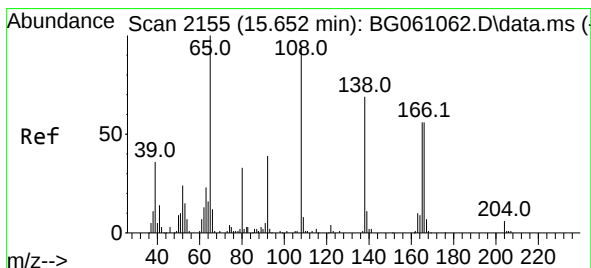
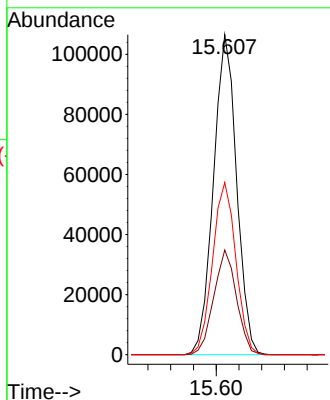
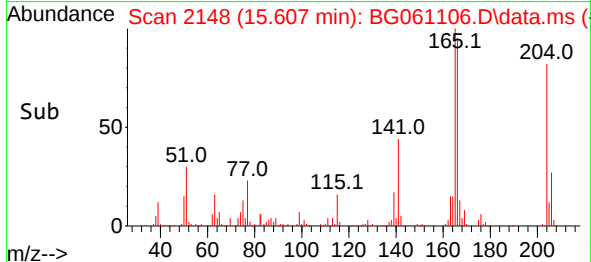
Instrument :
BNA_G
ClientSampleId :
TP-1MS



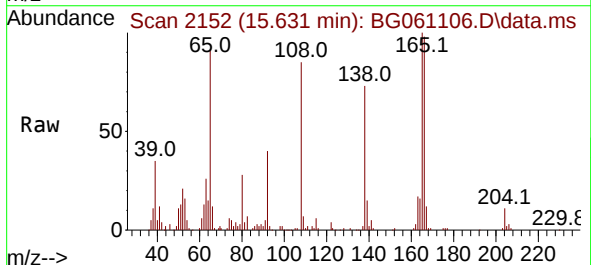
Tgt Ion:204 Resp: 150494
Ion Ratio Lower Upper
204 100
206 32.7 27.8 41.6
141 53.8 42.9 64.3

Manual Integrations
APPROVED

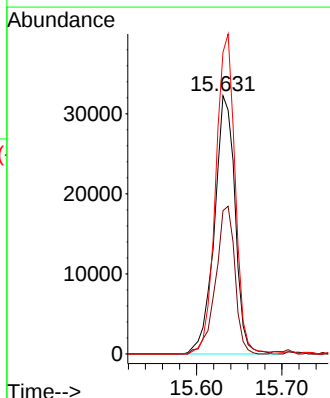
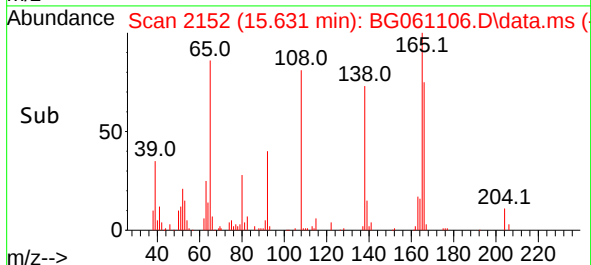
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

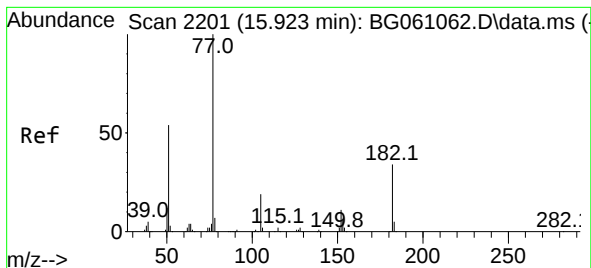


#62
4-Nitroaniline
Concen: 39.727 ng
RT: 15.631 min Scan# 2152
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47



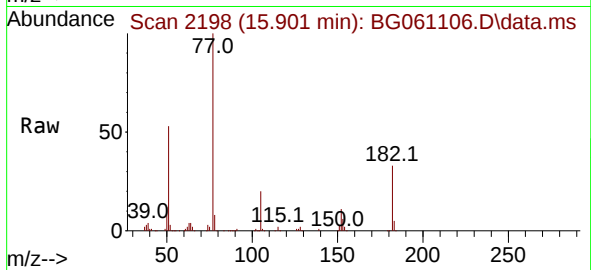
Tgt Ion:138 Resp: 54179
Ion Ratio Lower Upper
138 100
92 55.5 35.5 75.5
108 116.8 116.2 156.2





#63
Azobenzene
Concen: 41.649 ng
RT: 15.901 min Scan# 2106
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

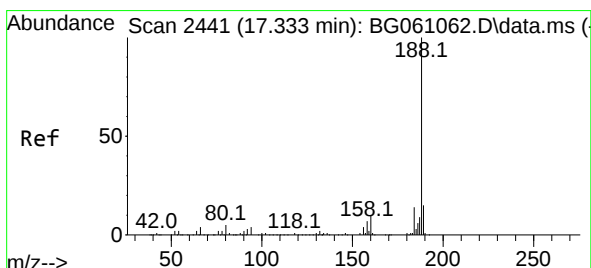
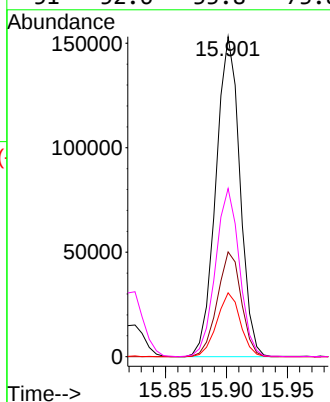
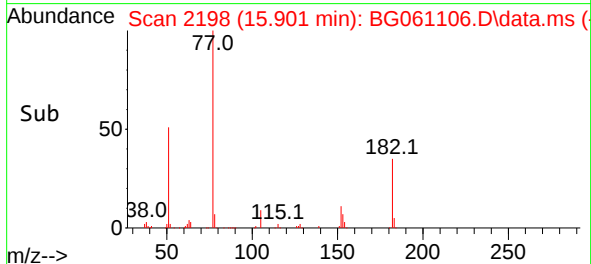
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion: 77 Resp: 2106
Ion Ratio Lower Upper
77 100
182 32.8 13.5 53.5
105 20.0 0.0 39.3
51 52.6 33.8 73.8

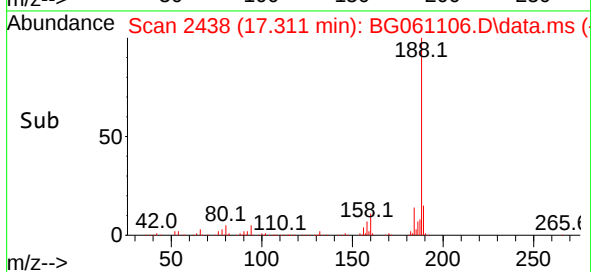
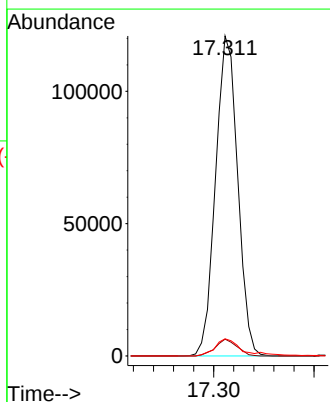
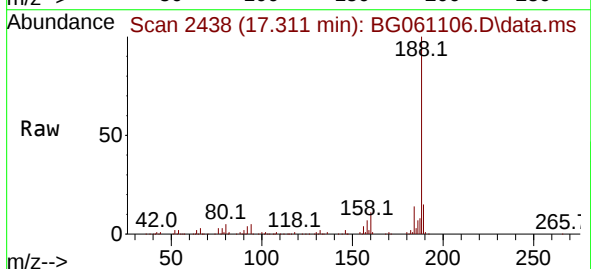
Manual Integrations
APPROVED

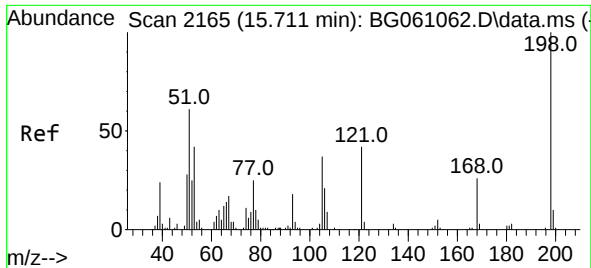
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2438
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:188 Resp: 184634
Ion Ratio Lower Upper
188 100
94 5.3 3.6 5.4
80 5.3 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 15.563 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

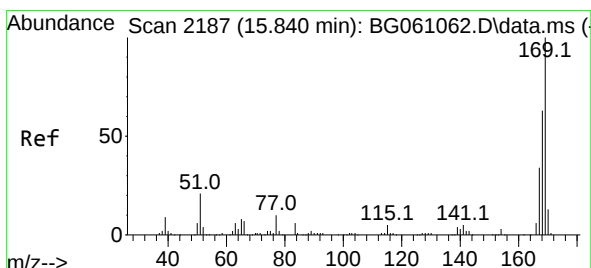
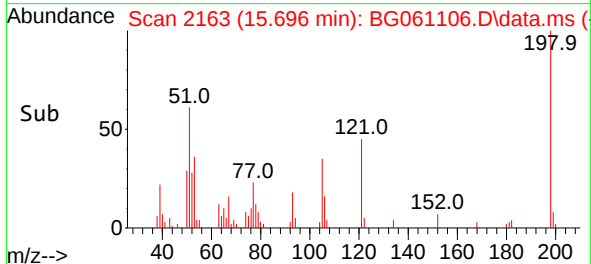
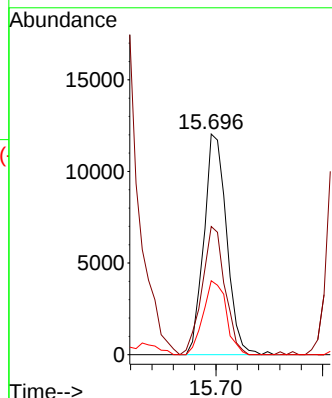
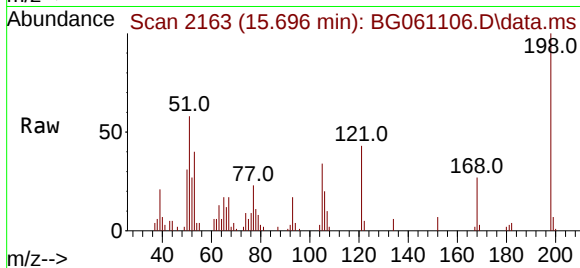
TP-1MS

Tgt Ion:198 Resp: 17829
Ion Ratio Lower Upper
198 100
51 58.1 41.2 81.2
105 33.5 16.7 56.7

Manual Integrations

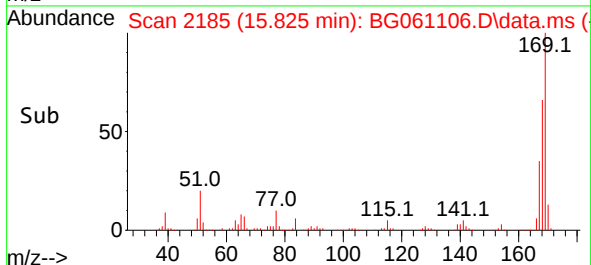
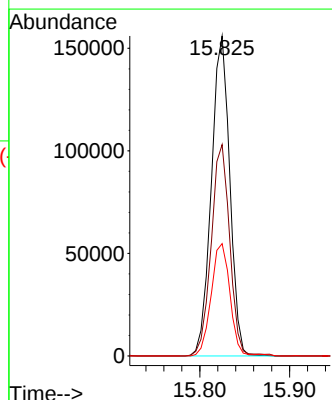
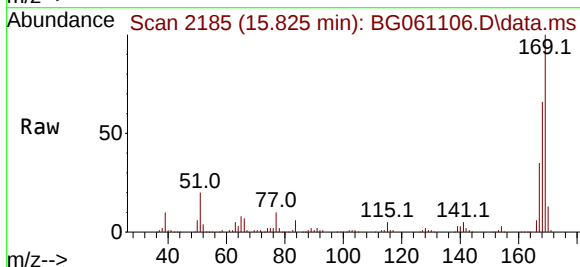
APPROVED

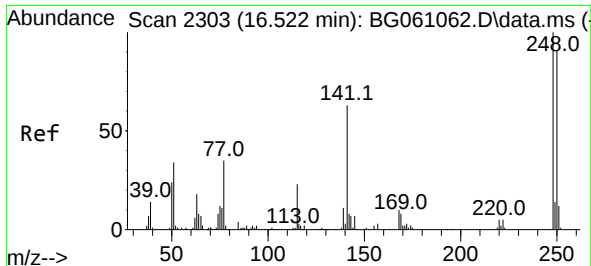
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#66
n-Nitrosodiphenylamine
Concen: 48.436 ng
RT: 15.825 min Scan# 2185
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

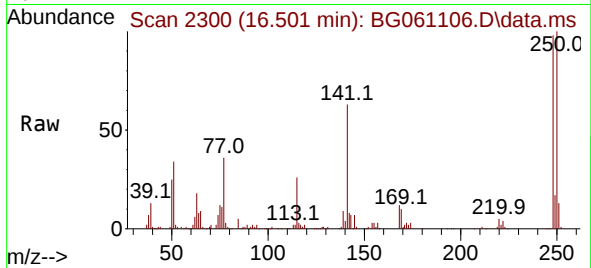
Tgt Ion:169 Resp: 221770
Ion Ratio Lower Upper
169 100
168 66.0 50.6 75.8
167 35.1 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 49.573 ng
RT: 16.501 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

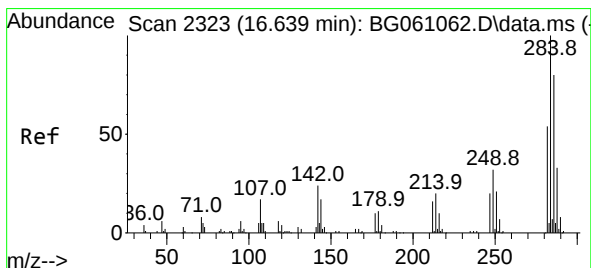
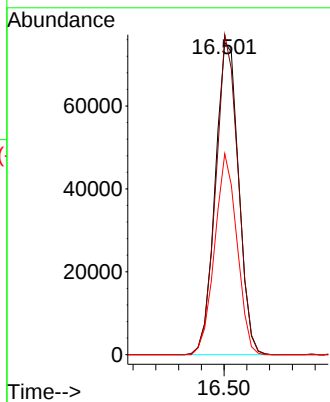
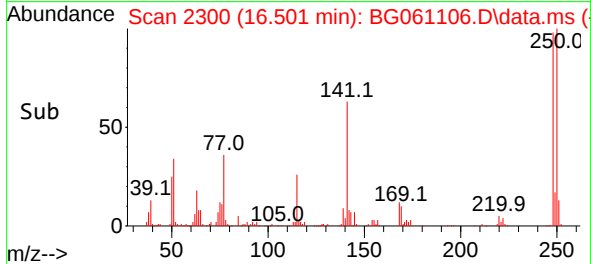
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:248 Resp: 10782
Ion Ratio Lower Upper
248 100
250 102.5 73.0 109.4
141 64.4 50.8 76.2

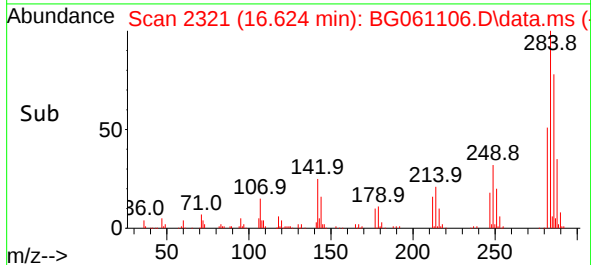
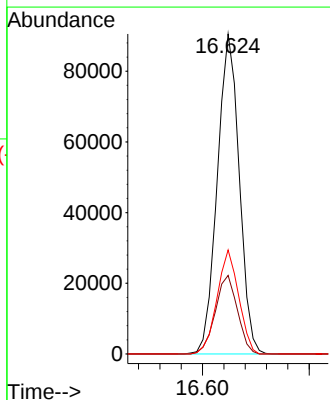
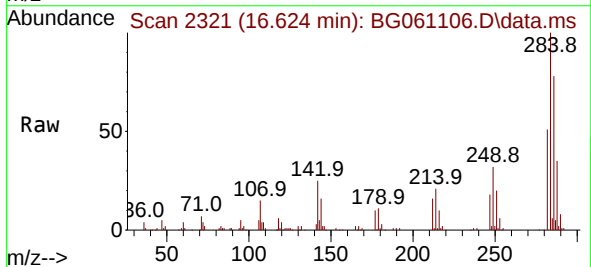
Manual Integrations
APPROVED

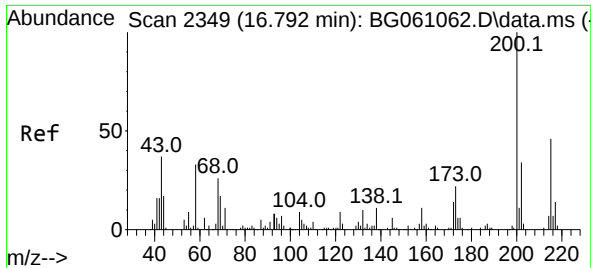
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#68
Hexachlorobenzene
Concen: 47.685 ng
RT: 16.624 min Scan# 2321
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:284 Resp: 129090
Ion Ratio Lower Upper
284 100
142 24.6 19.2 28.8
249 32.5 25.4 38.2





#69
 Atrazine
 Concen: 51.733 ng
 RT: 16.777 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: BG061106.D
 Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

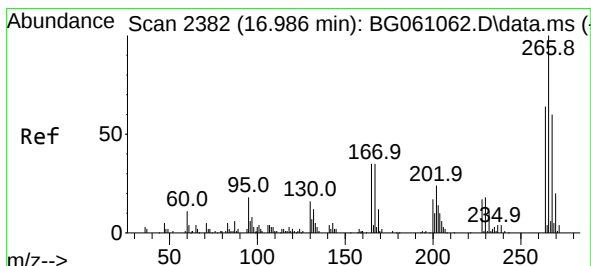
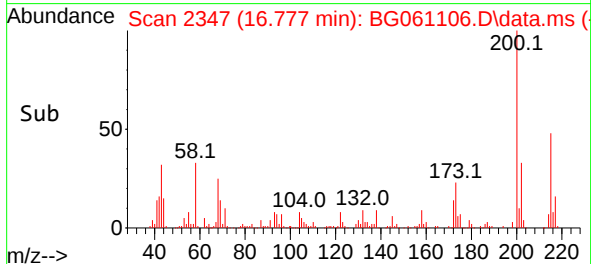
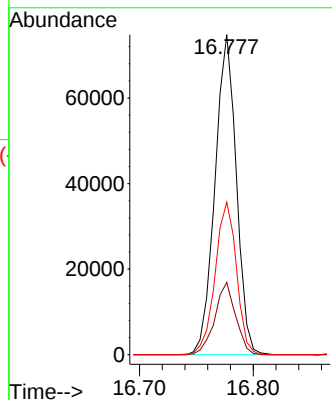
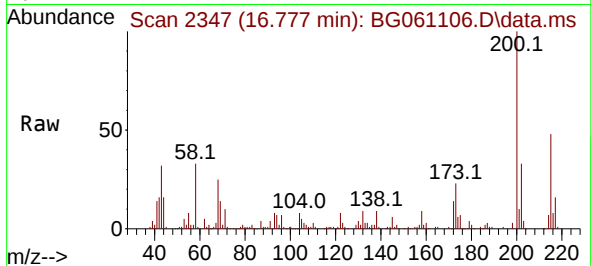
TP-1MS

Tgt Ion:200 Resp: 9768
 Ion Ratio Lower Upper
 200 100
 173 22.6 2.0 42.0
 215 47.7 26.2 66.2

Manual Integrations

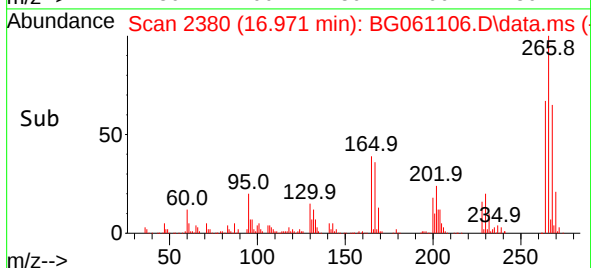
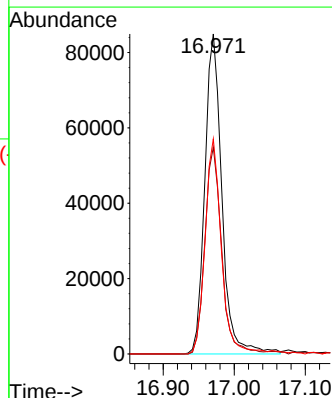
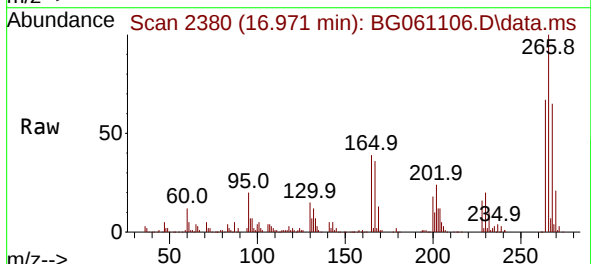
APPROVED

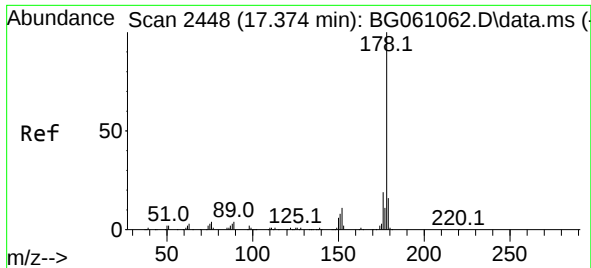
Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024



#70
 Pentachlorophenol
 Concen: 85.511 ng
 RT: 16.971 min Scan# 2380
 Delta R.T. -0.016 min
 Lab File: BG061106.D
 Acq: 3 May 2024 14:47

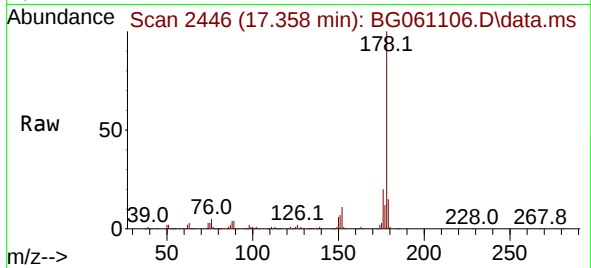
Tgt Ion:266 Resp: 142216
 Ion Ratio Lower Upper
 266 100
 268 64.6 47.8 71.8
 264 67.2 51.5 77.3





#71
Phenanthrene
Concen: 46.383 ng
RT: 17.358 min Scan# 2446
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

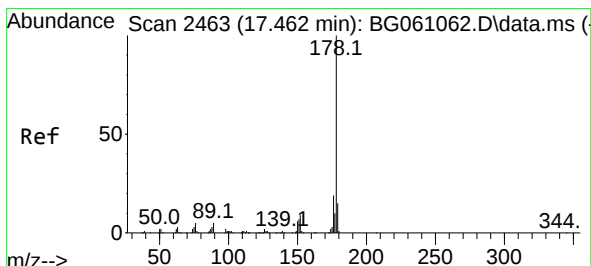
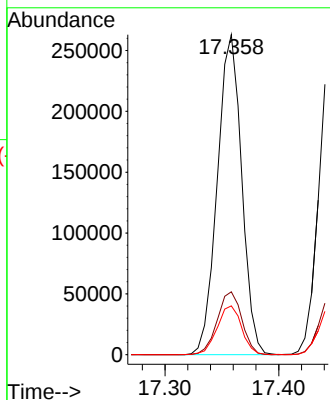
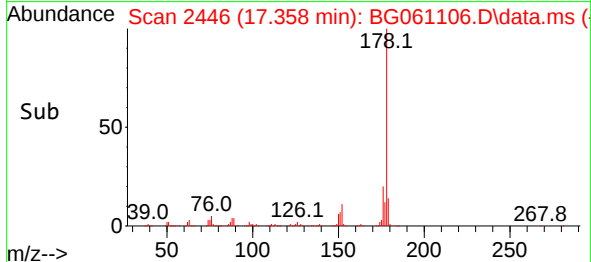
Instrument :
BNA_G
ClientSampleId :
TP-1MS



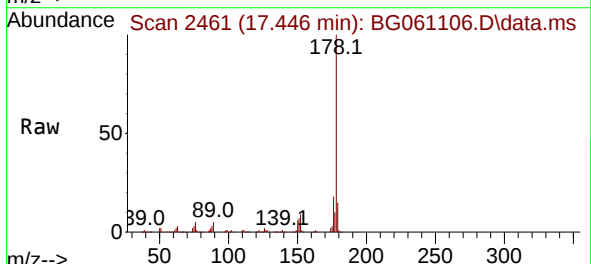
Tgt Ion:178 Resp: 391580
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.2 12.6 19.0

Manual Integrations
APPROVED

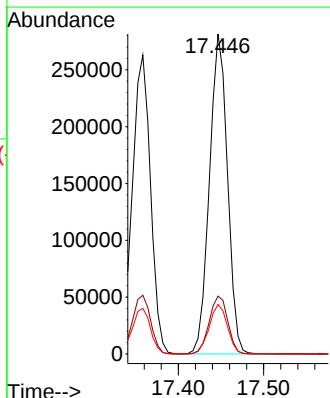
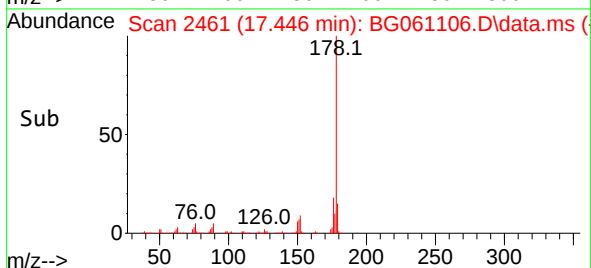
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

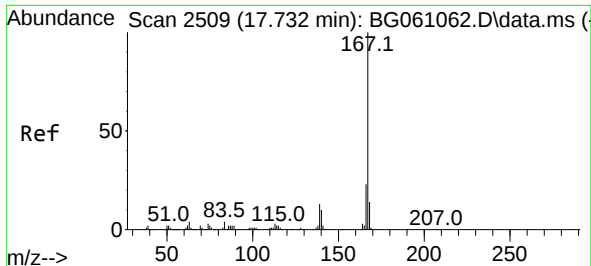


#72
Anthracene
Concen: 49.029 ng
RT: 17.446 min Scan# 2461
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47



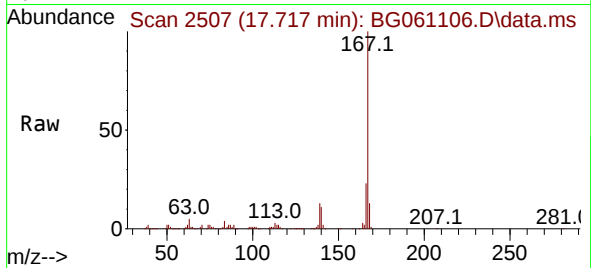
Tgt Ion:178 Resp: 413013
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 15.5 12.0 18.0





#73
 Carbazole
 Concen: 45.142 ng
 RT: 17.717 min Scan# 2507
 Delta R.T. -0.016 min
 Lab File: BG061106.D
 Acq: 3 May 2024 14:47

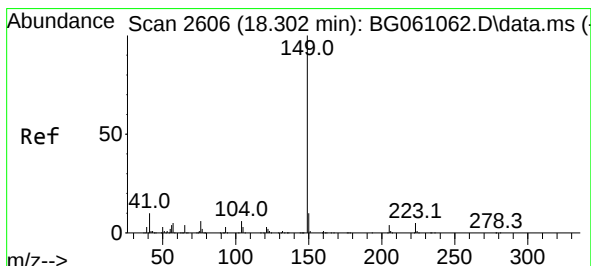
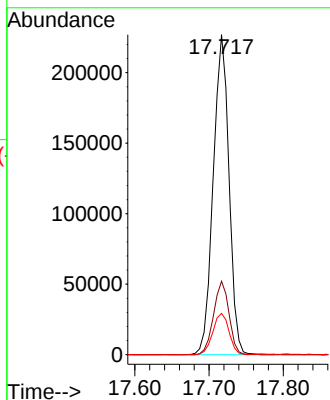
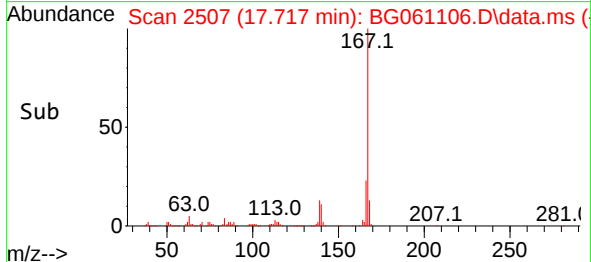
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS



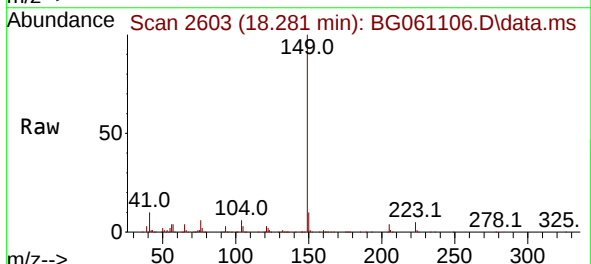
Tgt Ion:167 Resp: 33435
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.7 28.1
 139 12.9 10.6 15.8

Manual Integrations
 APPROVED

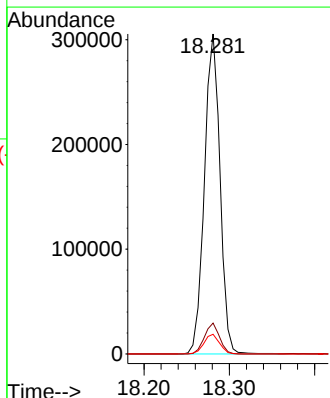
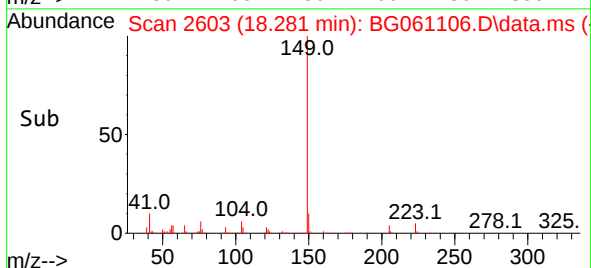
Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

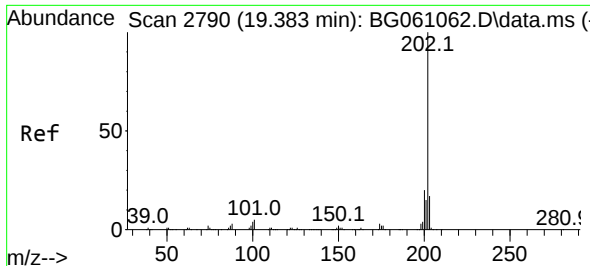


#74
 Di-n-butylphthalate
 Concen: 44.015 ng
 RT: 18.281 min Scan# 2603
 Delta R.T. -0.021 min
 Lab File: BG061106.D
 Acq: 3 May 2024 14:47



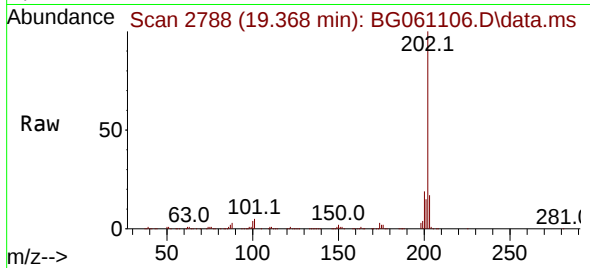
Tgt Ion:149 Resp: 387652
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 6.1 5.0 7.6





#75
Fluoranthene
Concen: 44.501 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

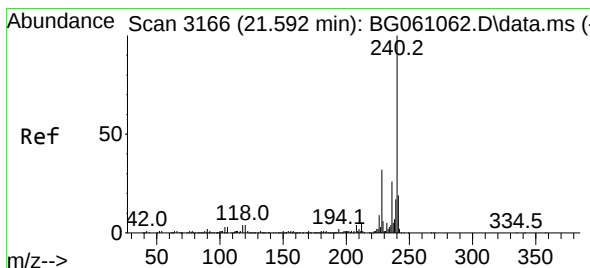
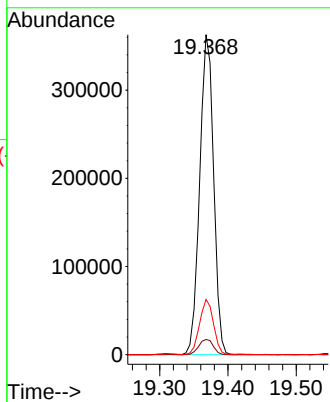
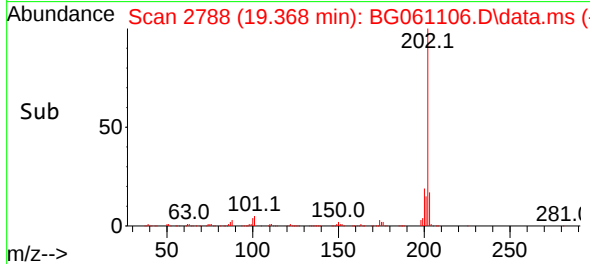
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:202 Resp: 51468
Ion Ratio Lower Upper
202 100
101 4.8 0.0 24.7
203 17.3 0.0 37.1

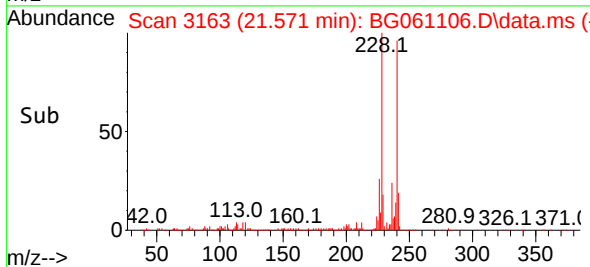
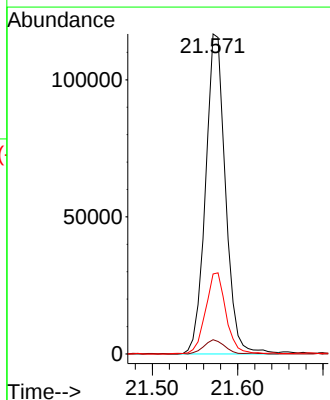
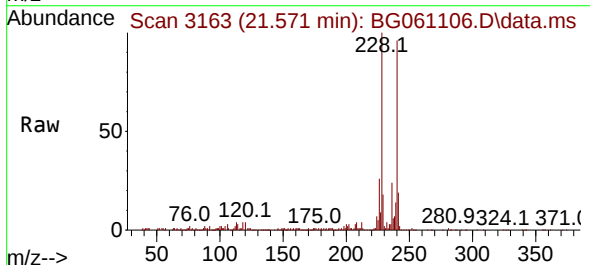
Manual Integrations
APPROVED

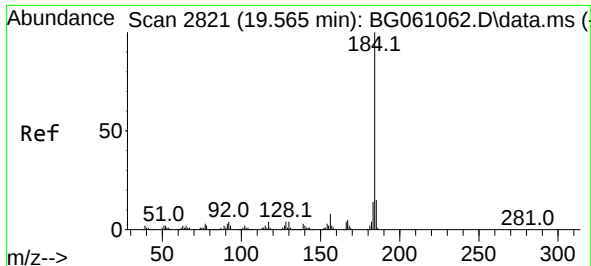
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

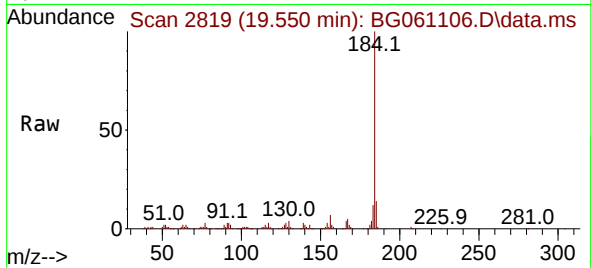
Tgt Ion:240 Resp: 189575
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 25.0 21.0 31.6





#77
Benzidine
Concen: 62.730 ng
RT: 19.550 min Scan# 2819
Delta R.T. -0.015 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

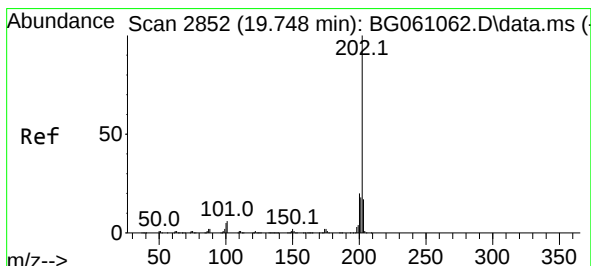
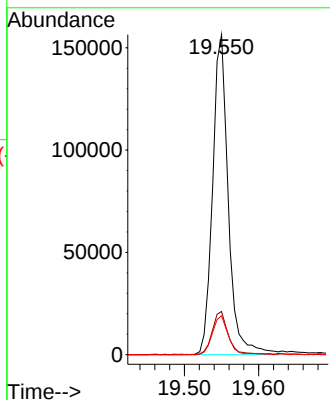
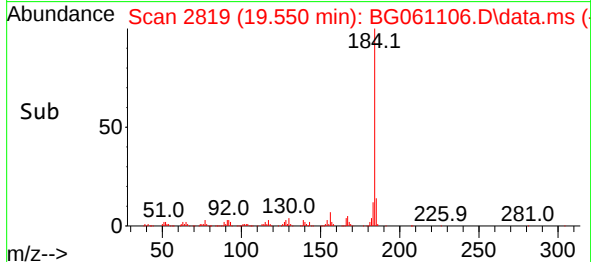
Instrument :
BNA_G
ClientSampleId :
TP-1MS



Tgt Ion:184 Resp: 22958
Ion Ratio Lower Upper
184 100
185 13.5 12.0 18.0
183 12.1 10.9 16.3

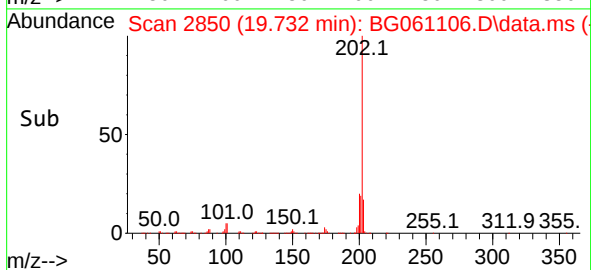
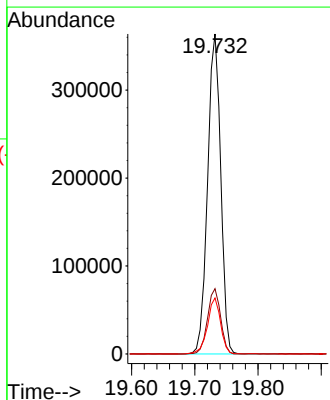
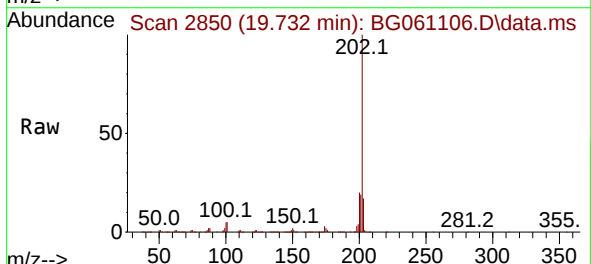
Manual Integrations
APPROVED

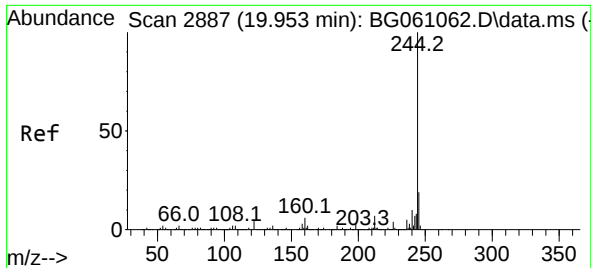
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#78
Pyrene
Concen: 43.425 ng
RT: 19.732 min Scan# 2850
Delta R.T. -0.016 min
Lab File: BG061106.D
Acq: 3 May 2024 14:47

Tgt Ion:202 Resp: 523375
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.5 13.3 19.9





#79
 Terphenyl-d14
 Concen: 52.055 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG061106.D
 Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

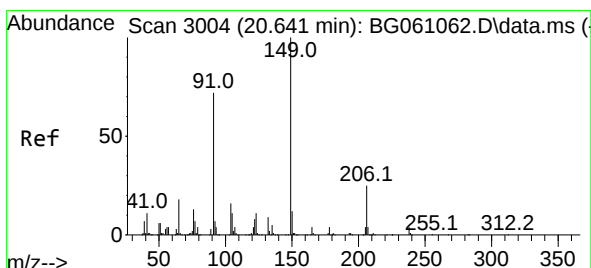
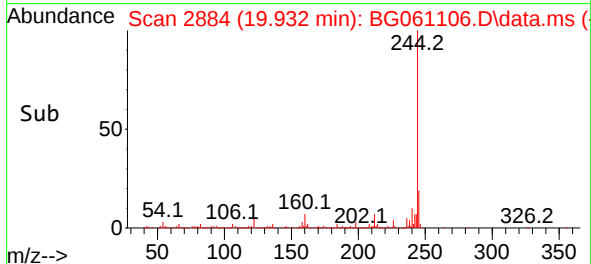
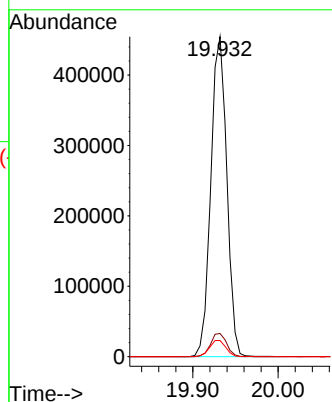
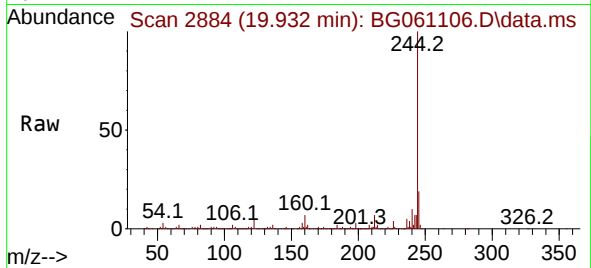
TP-1MS

Tgt Ion:244 Resp: 593354
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.1 4.2 6.2

Manual Integrations

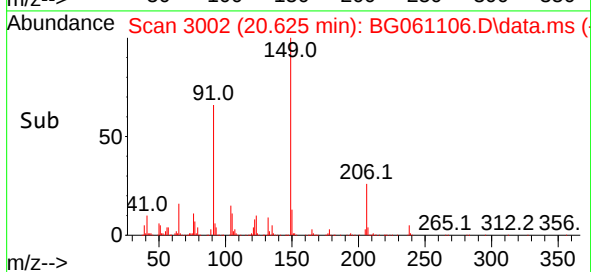
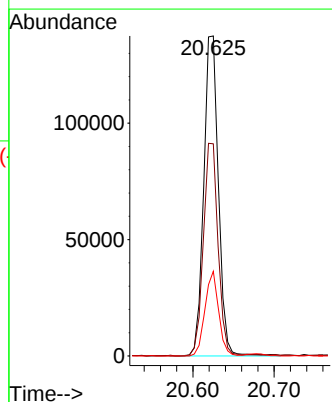
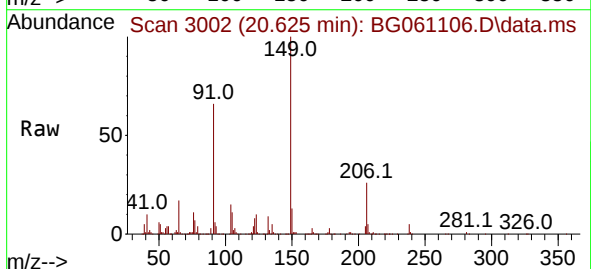
APPROVED

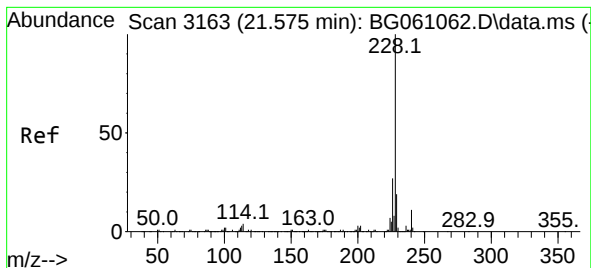
Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024



#80
 Butylbenzylphthalate
 Concen: 45.230 ng
 RT: 20.625 min Scan# 3002
 Delta R.T. -0.016 min
 Lab File: BG061106.D
 Acq: 3 May 2024 14:47

Tgt Ion:149 Resp: 172560
 Ion Ratio Lower Upper
 149 100
 91 66.3 57.4 86.2
 206 26.5 19.8 29.6





#81

Benzo(a)anthracene

Concen: 45.316 ng

RT: 21.553 min Scan# 3160

Delta R.T. -0.021 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 56216

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

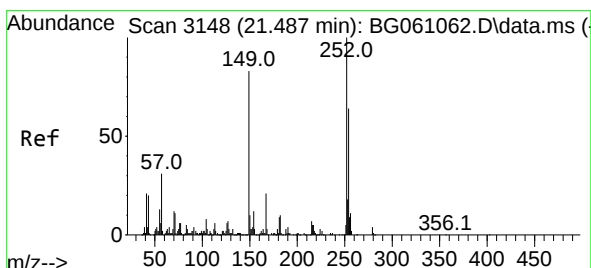
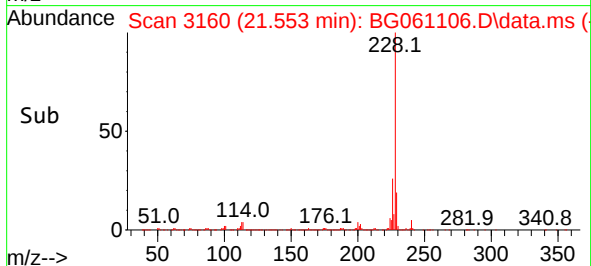
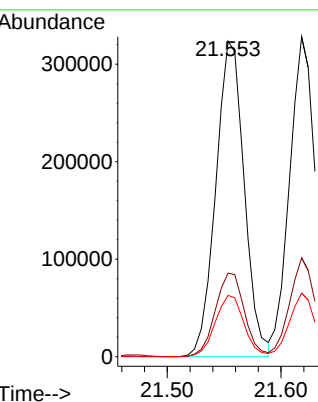
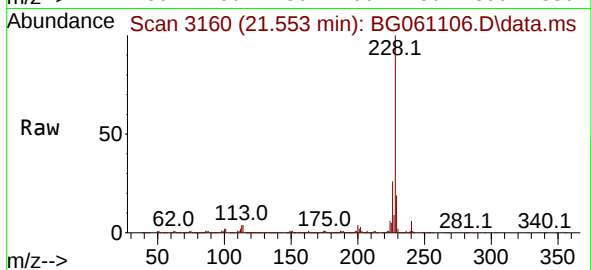
229 19.4 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#82

3,3'-Dichlorobenzidine

Concen: 34.941 ng

RT: 21.471 min Scan# 3146

Delta R.T. -0.016 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

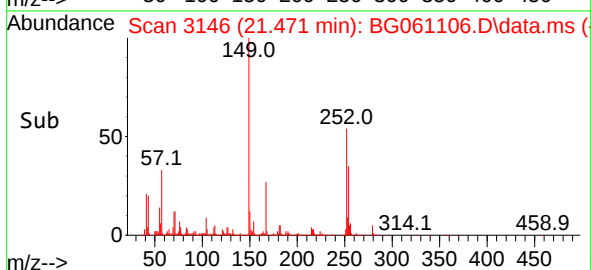
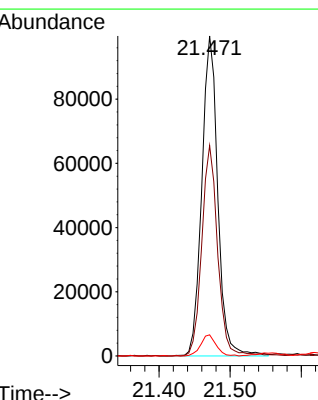
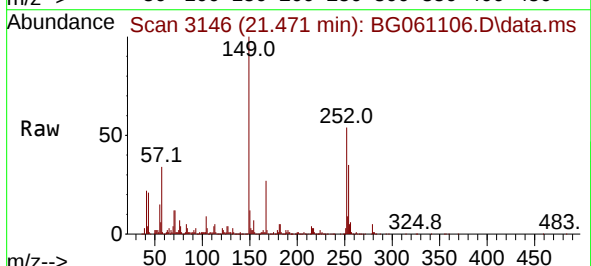
Tgt Ion:252 Resp: 155991

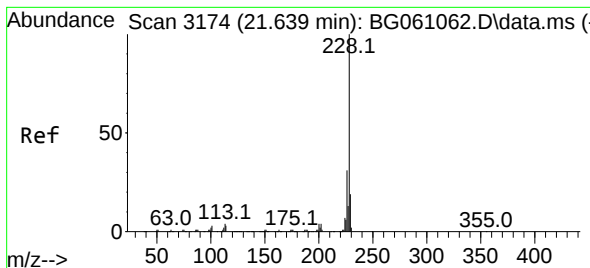
Ion Ratio Lower Upper

252 100

254 65.8 51.3 76.9

126 6.6 5.2 7.8





#83

Chrysene

Concen: 45.446 ng

RT: 21.618 min Scan# 3171

Delta R.T. -0.021 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 528198

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

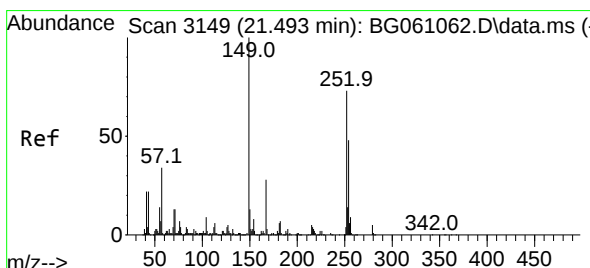
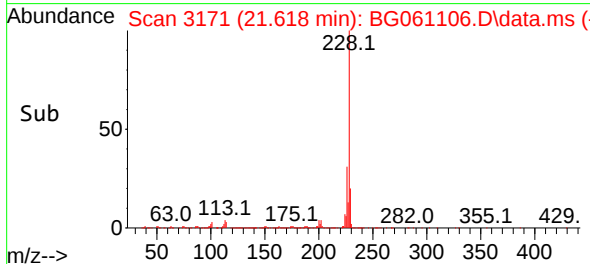
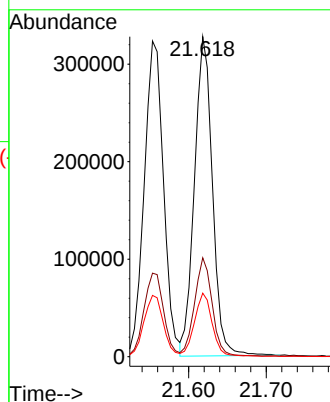
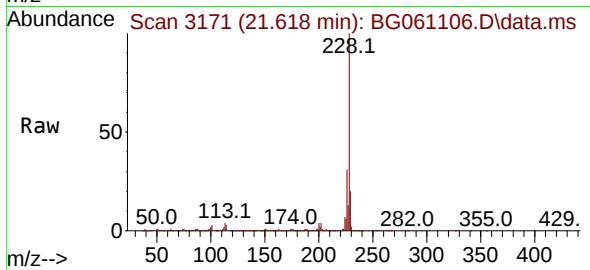
229 19.8 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.251 ng

RT: 21.471 min Scan# 3146

Delta R.T. -0.021 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

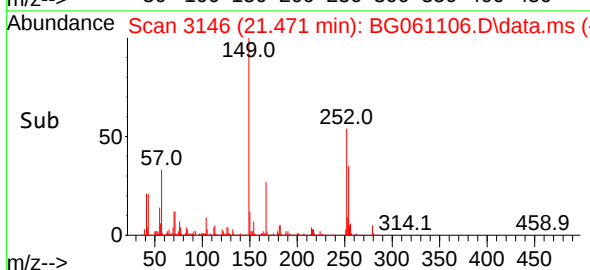
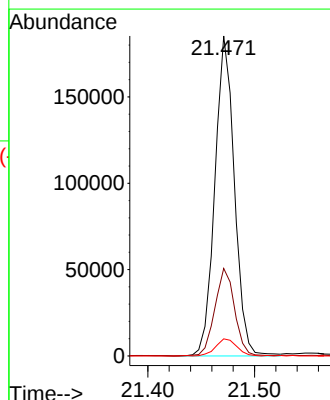
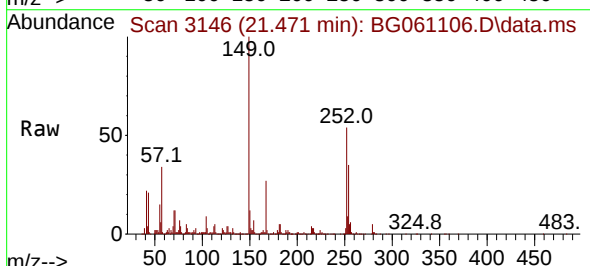
Tgt Ion:149 Resp: 235398

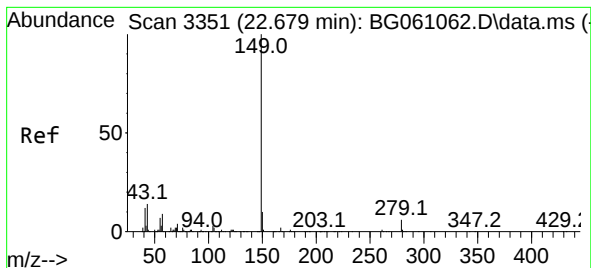
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 5.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 46.925 ng

RT: 22.652 min Scan# 31

Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:149 Resp: 41244

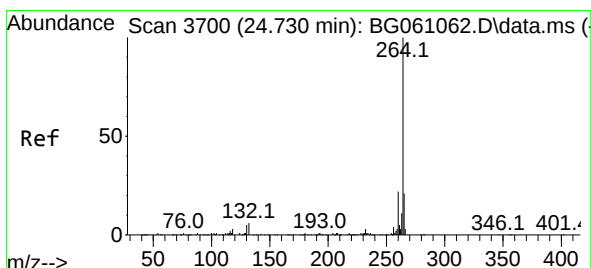
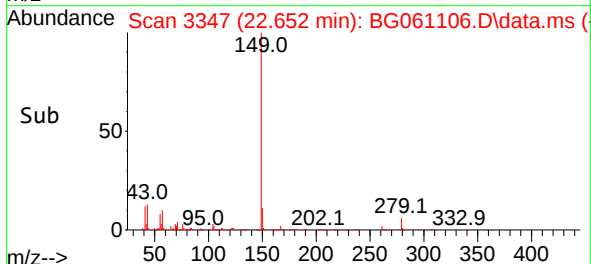
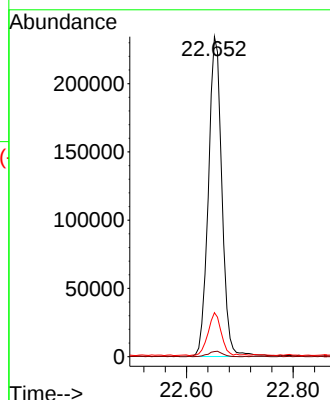
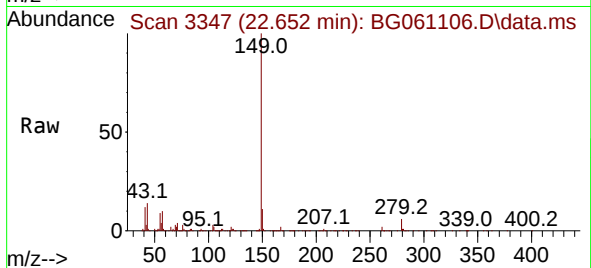
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	13.1	10.6	15.8

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: 24.697 min Scan# 3695

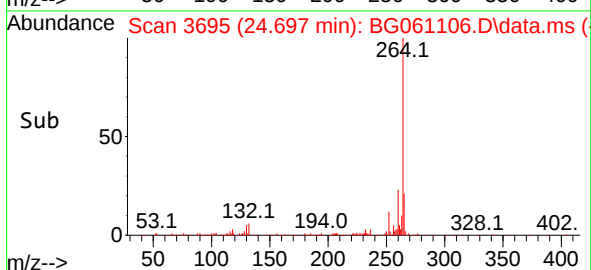
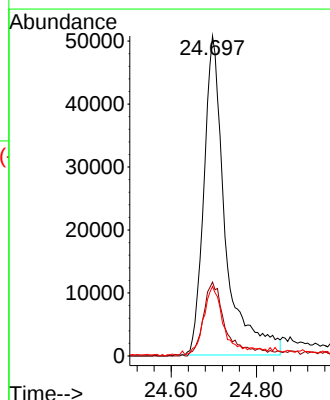
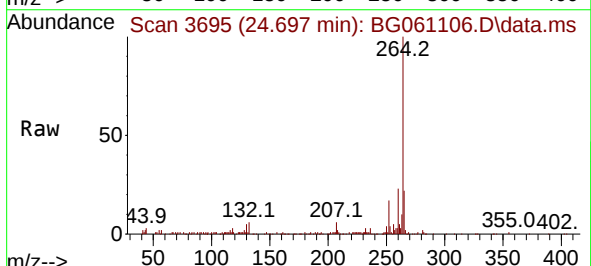
Delta R.T. -0.033 min

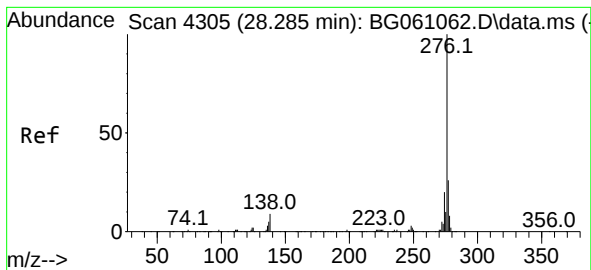
Lab File: BG061106.D

Acq: 3 May 2024 14:47

Tgt Ion:264 Resp: 177615

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.7	26.5
265	21.7	16.4	24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 31.491 ng m

RT: 28.240 min Scan# 4305

Delta R.T. -0.045 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:276 Resp: 370680

Ion Ratio Lower Upper

276 100

138 4.0 5.1 7.7

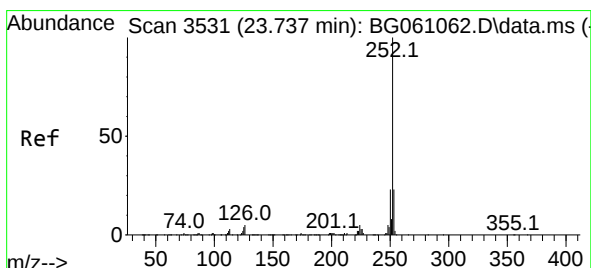
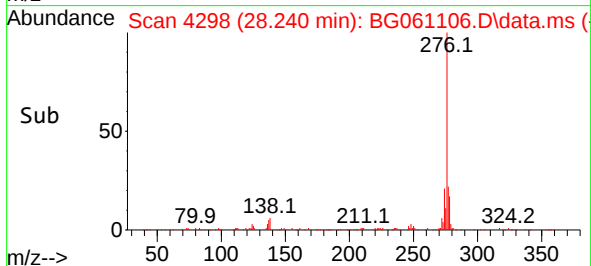
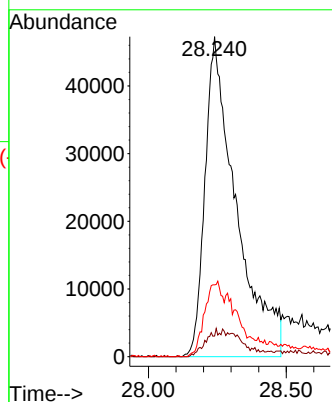
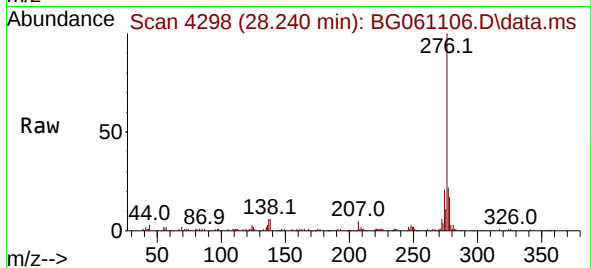
277 13.5 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#88

Benzo(b)fluoranthene

Concen: 44.526 ng

RT: 23.710 min Scan# 3527

Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

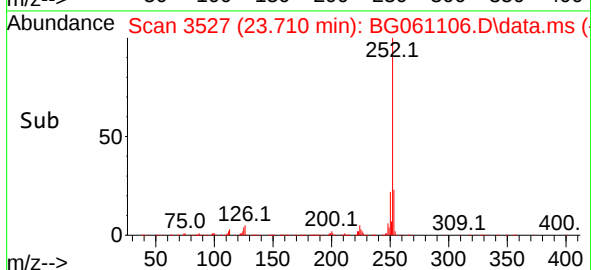
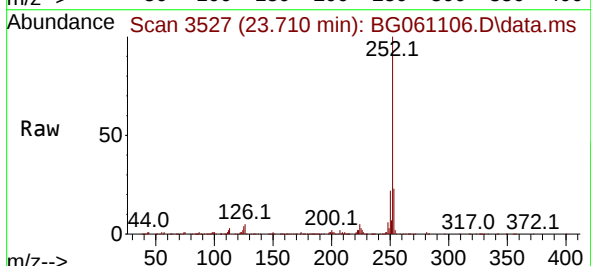
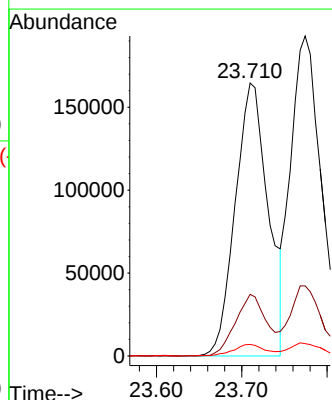
Tgt Ion:252 Resp: 441925

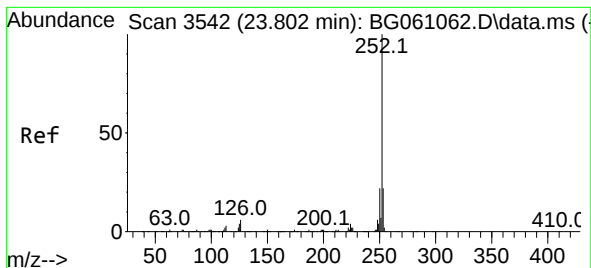
Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 4.2 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 60.870 ng

RT: 23.774 min Scan# 3

Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

Instrument :

BNA_G

ClientSampleId :

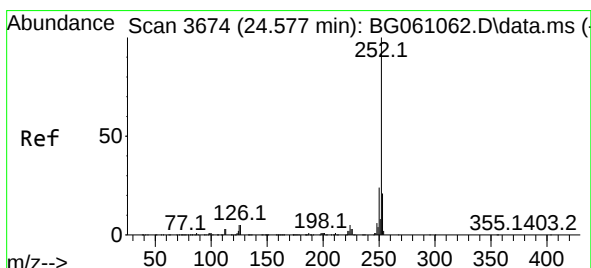
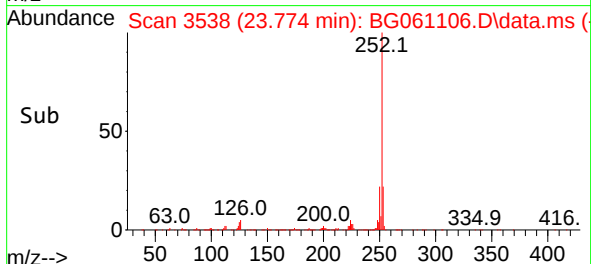
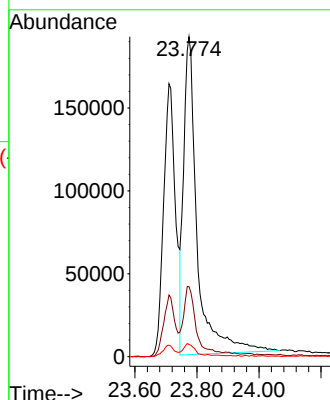
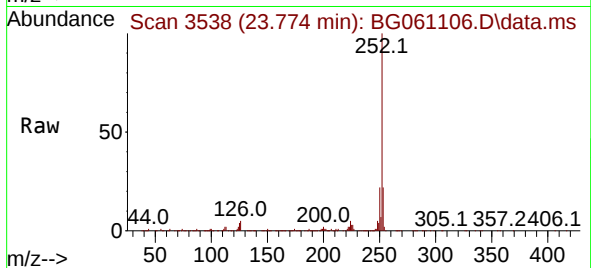
TP-1MS

Tgt Ion:252 Resp: 581214
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 3.9 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: 46.273 ng

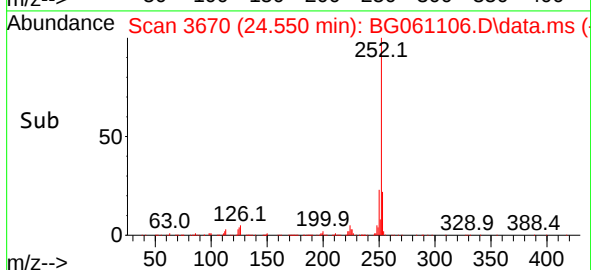
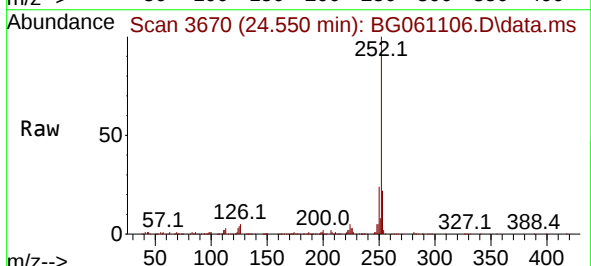
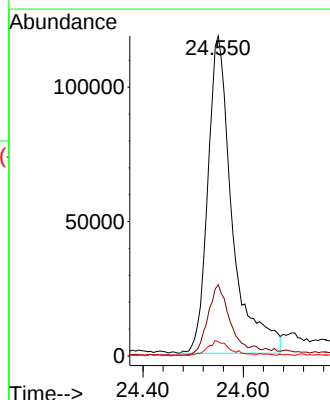
RT: 24.550 min Scan# 3670

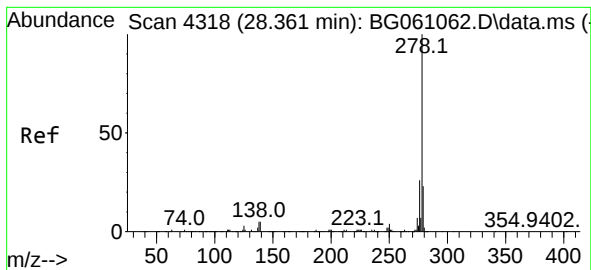
Delta R.T. -0.027 min

Lab File: BG061106.D

Acq: 3 May 2024 14:47

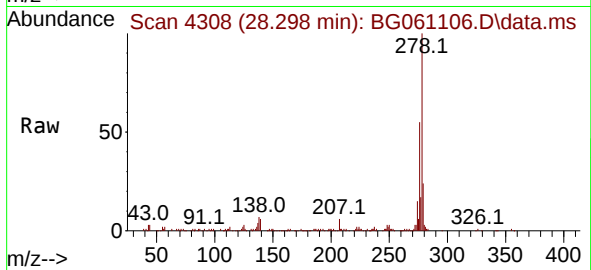
Tgt Ion:252 Resp: 400119
 Ion Ratio Lower Upper
 252 100
 253 22.3 16.9 25.3
 125 4.4 3.8 5.8





#91
 Dibenzo(a,h)anthracene
 Concen: 34.019 ng m
 RT: 28.298 min Scan# 41
 Delta R.T. -0.063 min
 Lab File: BG061106.D
 Acq: 3 May 2024 14:47

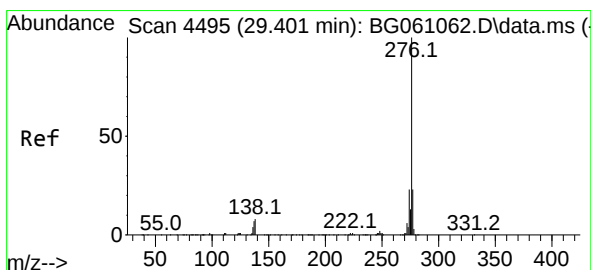
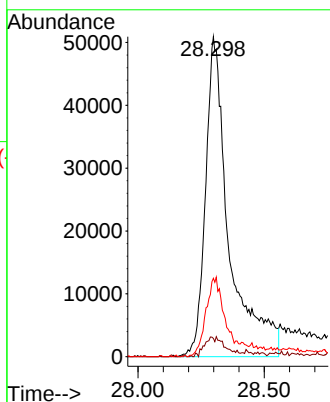
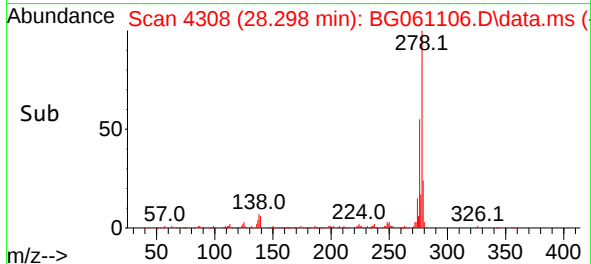
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS



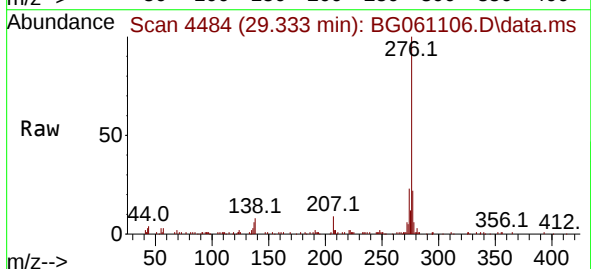
Tgt Ion:278 Resp: 331610
 Ion Ratio Lower Upper
 278 100
 139 5.7 4.2 6.2
 279 24.5 18.0 27.0

Manual Integrations
 APPROVED

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



#92
 Benzo(g,h,i)perylene
 Concen: 25.908 ng m
 RT: 29.333 min Scan# 4484
 Delta R.T. -0.068 min
 Lab File: BG061106.D
 Acq: 3 May 2024 14:47



Tgt Ion:276 Resp: 250974
 Ion Ratio Lower Upper
 276 100
 277 22.2 18.2 27.4
 138 7.6 6.2 9.2

