

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061110.D
 Acq On : 3 May 2024 17:32
 Operator : MA/JU
 Sample : P2354-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V359MSD

Manual Integrations
 APPROVED

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

Quant Time: May 03 19:19:09 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	26939	20.000	ng	-0.03
21) Naphthalene-d8	10.731	136	109052	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	83703	20.000	ng	-0.03
64) Phenanthrene-d10	17.311	188	191666	20.000	ng	-0.02
76) Chrysene-d12	21.571	240	189302	20.000	ng	-0.02
86) Perylene-d12	24.697	264	165890	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	76404	57.681	ng	-0.02
7) Phenol-d6	7.111	99	134707	68.745	ng	-0.02
23) Nitrobenzene-d5	9.091	82	98139	44.611	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	70211	41.965	ng	-0.02
45) 2-Fluorobiphenyl	13.187	172	161856	28.594	ng	-0.02
79) Terphenyl-d14	19.932	244	242547	21.309	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.439	88	14334	26.763	ng	99
3) Pyridine	3.827	79	41685	26.450	ng	97
4) n-Nitrosodimethylamine	3.745	42	46855	30.944	ng	97
6) Aniline	7.258	93	49279	25.368	ng	96
8) 2-Chlorophenol	7.505	128	70611	43.451	ng	97
9) Benzaldehyde	7.070	77	31740	28.073	ng	99
10) Phenol	7.135	94	95548	47.949	ng	93
11) bis(2-Chloroethyl)ether	7.358	93	56455	41.009	ng	99
12) 1,3-Dichlorobenzene	7.822	146	78542	40.997	ng	99
13) 1,4-Dichlorobenzene	7.969	146	79090	39.944	ng	94
14) 1,2-Dichlorobenzene	8.287	146	76721	40.162	ng	95
15) Benzyl Alcohol	8.169	79	71238	40.301	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.451	45	121582	40.702	ng	98
17) 2-Methylphenol	8.381	107	58740	41.364	ng	96
18) Hexachloroethane	9.009	117	26956	38.154	ng	94
19) n-Nitroso-di-n-propyla...	8.739	70	54091	36.886	ng	89
20) 3+4-Methylphenols	8.710	107	84504	41.245	ng	95
22) Acetophenone	8.751	105	114713	42.238	ng	# 99
24) Nitrobenzene	9.133	77	86384	40.140	ng	96
25) Isophorone	9.656	82	151429	37.239	ng	97
26) 2-Nitrophenol	9.844	139	41849	41.043	ng	97
27) 2,4-Dimethylphenol	9.908	122	54060	45.988	ng	94
28) bis(2-Chloroethoxy)met...	10.137	93	81378	40.776	ng	98
29) 2,4-Dichlorophenol	10.384	162	81376	44.182	ng	93
30) 1,2,4-Trichlorobenzene	10.596	180	96521	43.492	ng	97
31) Naphthalene	10.784	128	242195	42.733	ng	99
32) Benzoic acid	10.061	122	45814m	33.714	ng	
33) 4-Chloroaniline	10.889	127	52268	23.124	ng	95
34) Hexachlorobutadiene	11.066	225	81748	42.930	ng	97
35) Caprolactam	11.671	113	22674	34.184	ng	# 89
36) 4-Chloro-3-methylphenol	12.023	107	89311	40.212	ng	95
37) 2-Methylnaphthalene	12.388	142	175136	41.236	ng	99
38) 1-Methylnaphthalene	12.605	142	162145	37.923	ng	98
40) 1,2,4,5-Tetrachloroben...	12.758	216	143715	51.448	ng	97
41) Hexachlorocyclopentadiene	12.734	237	39582	37.015	ng	91
43) 2,4,6-Trichlorophenol	12.999	196	85258	47.540	ng	96

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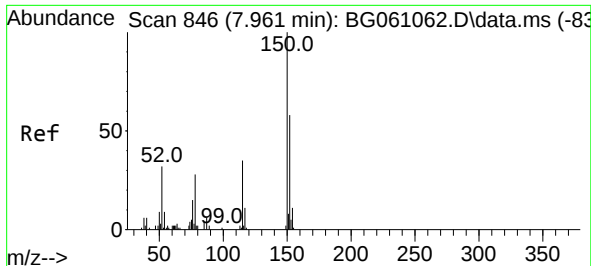
Quant Time: May 03 19:19:09 2024
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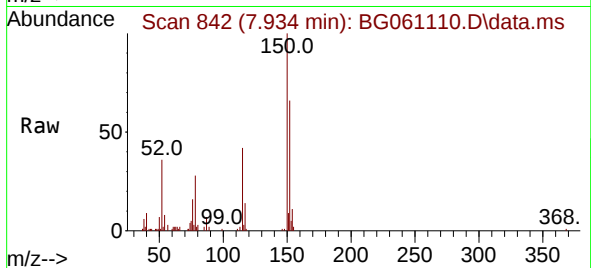
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	92158	45.404	ng	98
46) 1,1'-Biphenyl	13.398	154	249001	46.396	ng	97
47) 2-Chloronaphthalene	13.439	162	198774	46.253	ng	99
48) 2-Nitroaniline	13.639	65	70361	44.121	ng	99
49) Acenaphthylene	14.285	152	317525	48.106	ng	99
50) Dimethylphthalate	14.021	163	265596	41.081	ng	100
51) 2,6-Dinitrotoluene	14.139	165	53271	38.522	ng	99
52) Acenaphthene	14.626	154	179451	43.581	ng	97
53) 3-Nitroaniline	14.468	138	41097	32.480	ng	98
54) 2,4-Dinitrophenol	14.685	184	20024	22.071	ng	96
55) Dibenzofuran	14.967	168	303418	43.626	ng	98
56) 4-Nitrophenol	14.797	139	77928	76.208	ng	94
57) 2,4-Dinitrotoluene	14.932	165	77303	37.784	ng	# 89
58) Fluorene	15.613	166	249788	41.505	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.196	232	90928	43.519	ng	100
60) Diethylphthalate	15.384	149	251566	38.586	ng	98
61) 4-Chlorophenyl-phenyle...	15.607	204	149600	41.398	ng	98
62) 4-Nitroaniline	15.631	138	53258	38.808	ng	90
63) Azobenzene	15.901	77	210906	41.556	ng	97
65) 4,6-Dinitro-2-methylph...	15.696	198	17670	14.859	ng	93
66) n-Nitrosodiphenylamine	15.825	169	222263	46.763	ng	97
67) 4-Bromophenyl-phenylether	16.500	248	106285	47.073	ng	95
68) Hexachlorobenzene	16.624	284	127675	45.432	ng	97
69) Atrazine	16.777	200	96646	49.306	ng	95
70) Pentachlorophenol	16.971	266	140118	81.159	ng	96
71) Phenanthrene	17.358	178	397397	45.345	ng	99
72) Anthracene	17.446	178	407865	46.641	ng	100
73) Carbazole	17.717	167	339388	44.141	ng	98
74) Di-n-butylphthalate	18.281	149	381953	41.777	ng	99
75) Fluoranthene	19.368	202	503101	41.904	ng	99
77) Benzidine	19.550	184	262349	71.383	ng	97
78) Pyrene	19.732	202	516112	42.884	ng	98
80) Butylbenzylphthalate	20.625	149	165926	43.554	ng	96
81) Benzo(a)anthracene	21.553	228	550950	44.477	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	168632	37.827	ng	98
83) Chrysene	21.618	228	526586	45.373	ng	99
84) Bis(2-ethylhexyl)phtha...	21.471	149	233255	46.888	ng	98
85) Di-n-octyl phthalate	22.652	149	410012	46.715	ng	99
87) Indeno(1,2,3-cd)pyrene	28.240	276	355867	32.370	ng	# 56
88) Benzo(b)fluoranthene	23.710	252	417528	45.041	ng	97
89) Benzo(k)fluoranthene	23.774	252	528996	59.317	ng	100
90) Benzo(a)pyrene	24.550	252	410749	50.860	ng	98
91) Dibenzo(a,h)anthracene	28.298	278	308546	33.890	ng	# 98
92) Benzo(g,h,i)perylene	29.338	276	226289m	25.011	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: BG061110.D
Acq: 3 May 2024 17:32

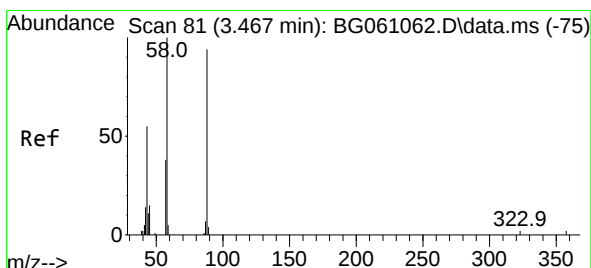
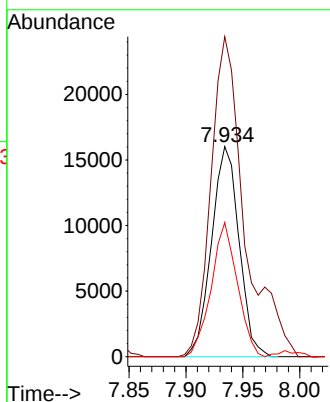
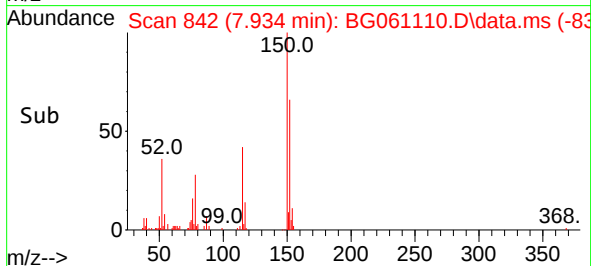
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion:152 Resp: 26939
Ion Ratio Lower Upper
152 100
150 152.3 138.3 207.5
115 63.8 48.0 72.0

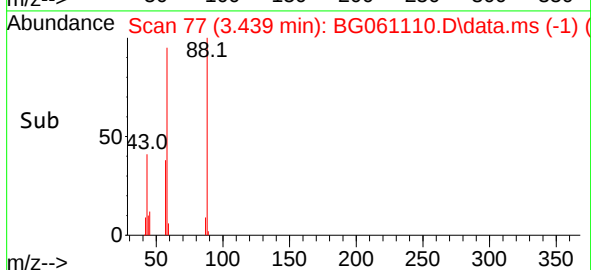
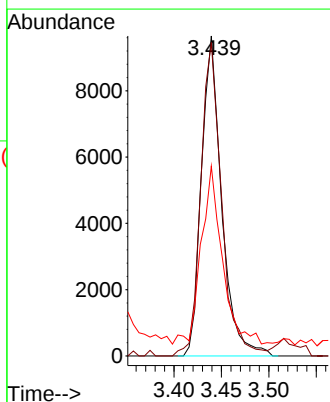
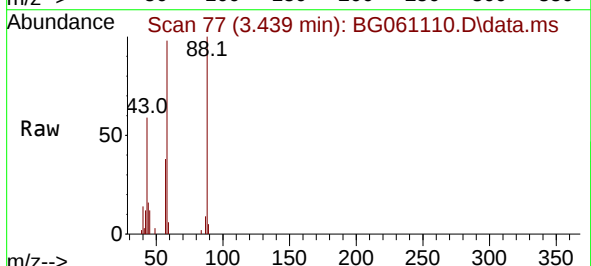
Manual Integrations
APPROVED

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



#2
1,4-Dioxane
Concen: 26.763 ng
RT: 3.439 min Scan# 77
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

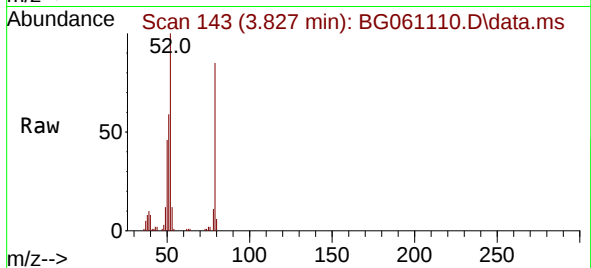
Tgt Ion: 88 Resp: 14334
Ion Ratio Lower Upper
88 100
58 101.1 81.2 121.8
43 58.2 45.0 67.4





#3
 Pyridine
 Concen: 26.450 ng
 RT: 3.827 min Scan# 14
 Delta R.T. -0.027 min
 Lab File: BG061110.D
 Acq: 3 May 2024 17:32

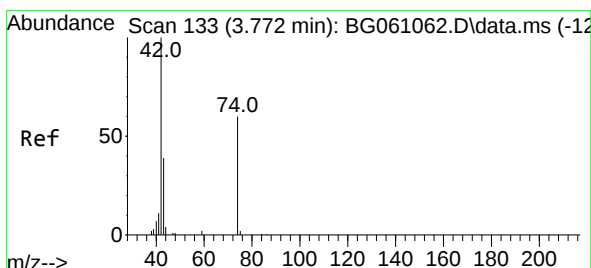
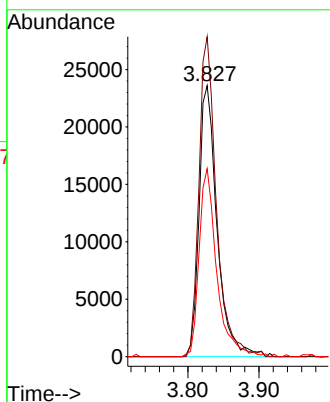
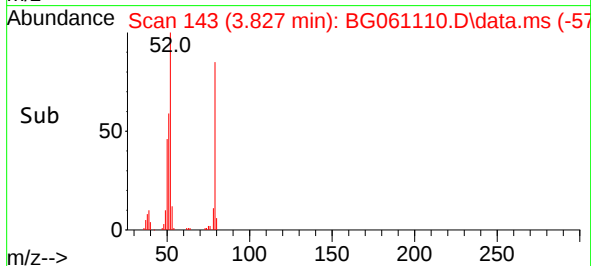
Instrument :
 BNA_G
 ClientSampleId :
 V359MSD



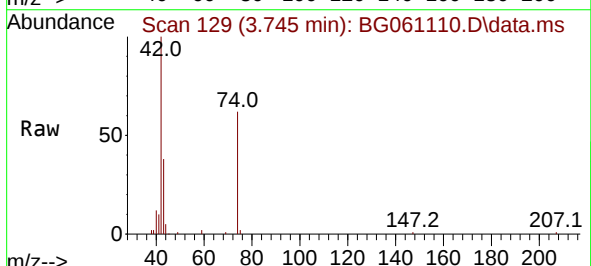
Tgt Ion: 79 Resp: 41685
 Ion Ratio Lower Upper
 79 100
 52 118.1 91.6 137.4
 51 69.4 57.0 85.4

Manual Integrations
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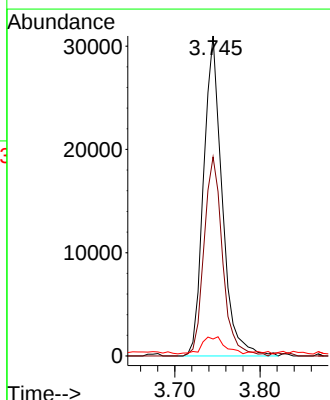
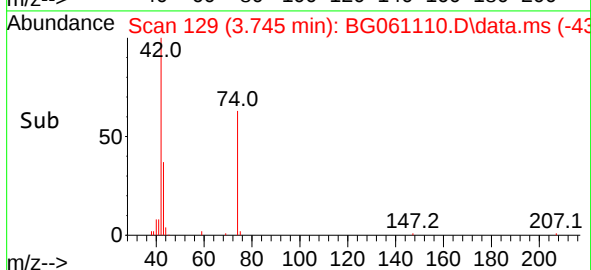
Reviewed By :Yogesh Patel 05/04/2024
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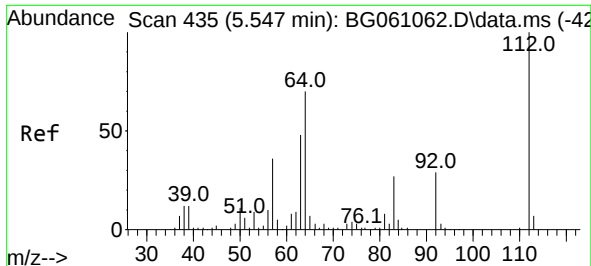


#4
 n-Nitrosodimethylamine
 Concen: 30.944 ng
 RT: 3.745 min Scan# 129
 Delta R.T. -0.027 min
 Lab File: BG061110.D
 Acq: 3 May 2024 17:32



Tgt Ion: 42 Resp: 46855
 Ion Ratio Lower Upper
 42 100
 74 62.2 47.8 71.8
 44 5.3 4.7 7.1





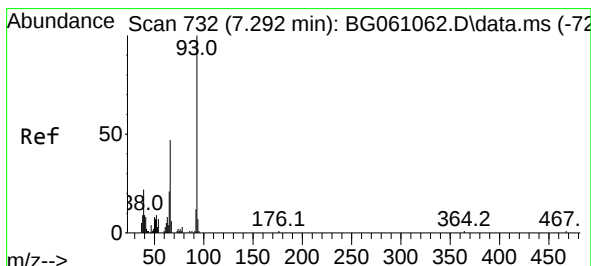
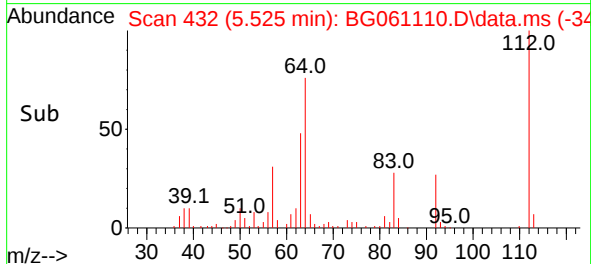
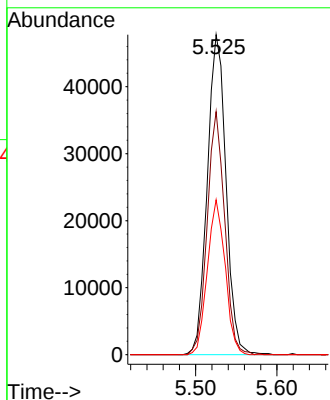
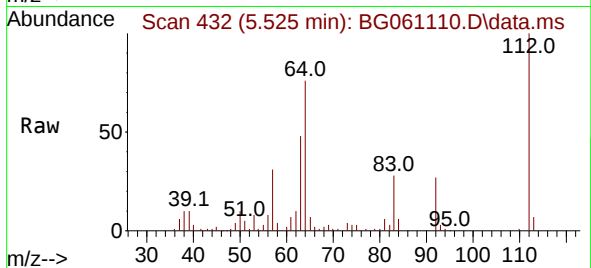
#5
2-Fluorophenol
Concen: 57.681 ng
RT: 5.525 min Scan# 411
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :
BNA_G
ClientSampleId :
V359MSD

Tgt Ion:112 Resp: 76404
Ion Ratio Lower Upper
112 100
64 76.0 55.7 83.5
63 48.4 38.1 57.1

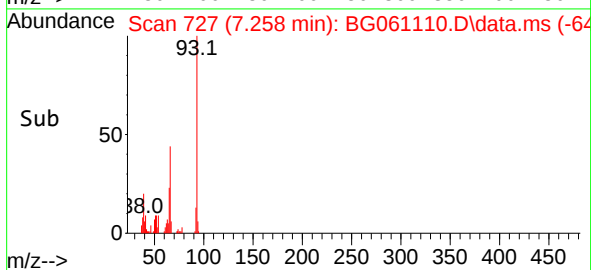
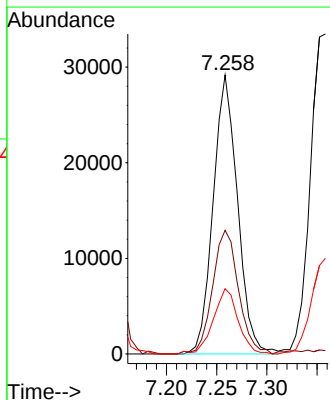
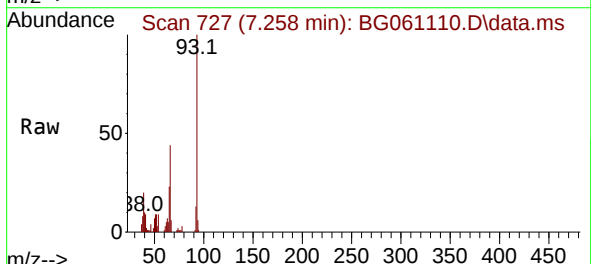
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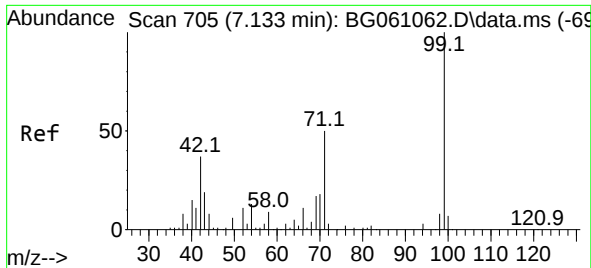
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#6
Aniline
Concen: 25.368 ng
RT: 7.258 min Scan# 727
Delta R.T. -0.033 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

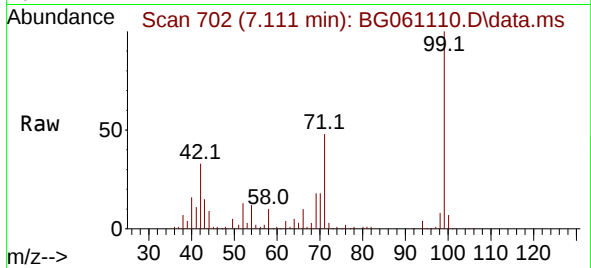
Tgt Ion: 93 Resp: 49279
Ion Ratio Lower Upper
93 100
66 44.4 37.4 56.0
65 23.4 16.6 24.8





#7
Phenol-d6
Concen: 68.745 ng
RT: 7.111 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

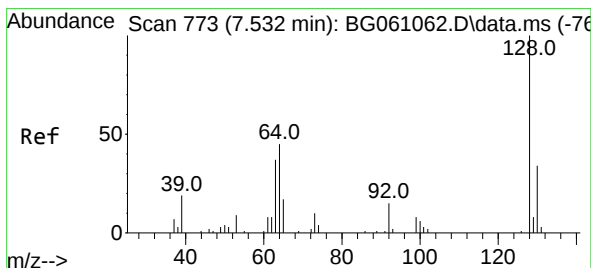
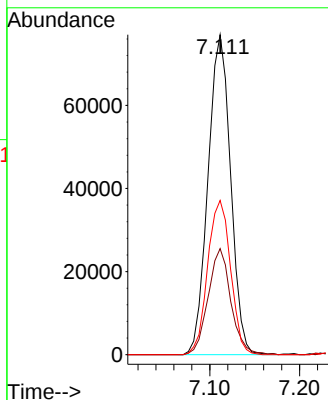
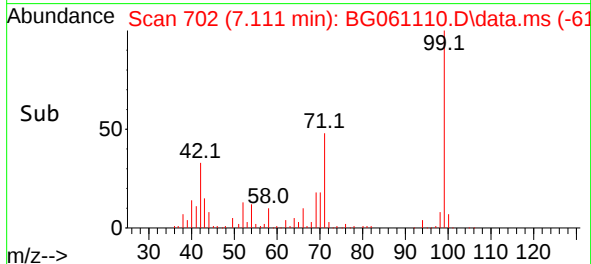
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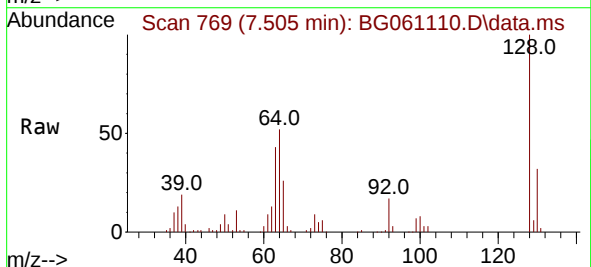
Tgt Ion: 99 Resp: 13470
Ion Ratio Lower Upper
99 100
42 33.1 29.2 43.8
71 48.2 39.7 59.5

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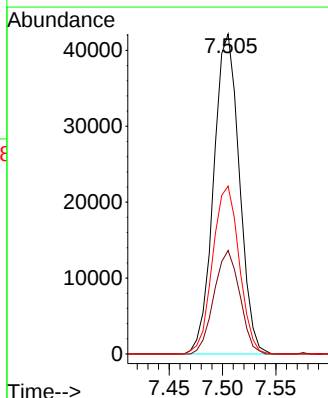
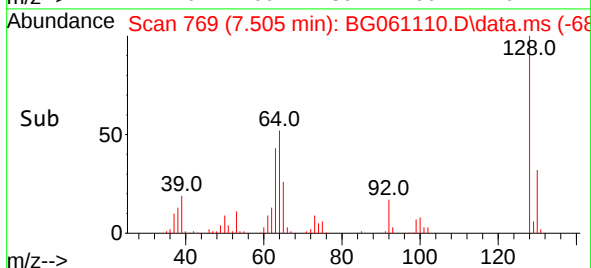
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#8
2-Chlorophenol
Concen: 43.451 ng
RT: 7.505 min Scan# 769
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



Tgt Ion:128 Resp: 70611
Ion Ratio Lower Upper
128 100
130 32.3 14.1 54.1
64 52.4 34.8 74.8





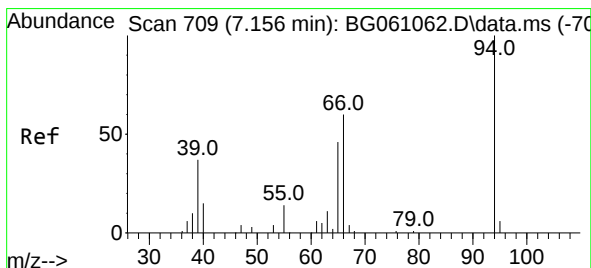
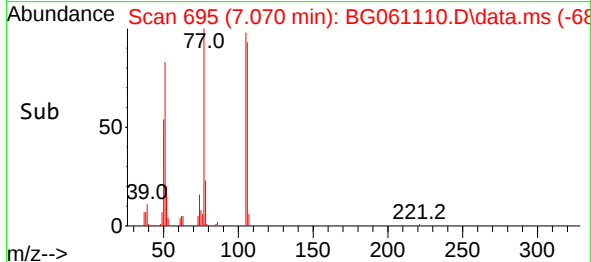
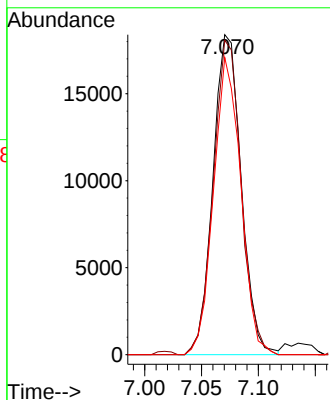
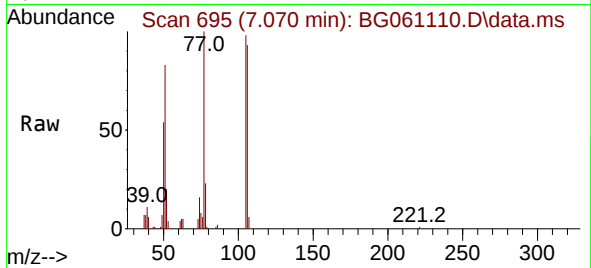
#9
Benzaldehyde
Concen: 28.073 ng
RT: 7.070 min Scan# 69
Delta R.T. -0.034 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :
BNA_G
ClientSampleId :
V359MSD

Tgt Ion: 77 Resp: 31740
Ion Ratio Lower Upper
77 100
105 98.3 76.0 116.0
106 92.9 72.3 112.3

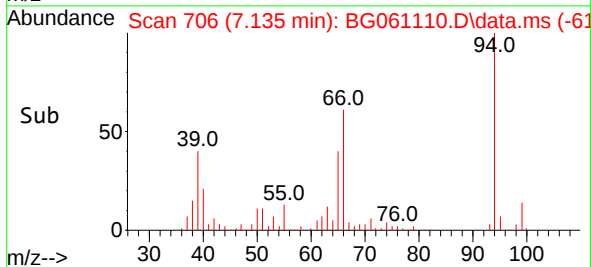
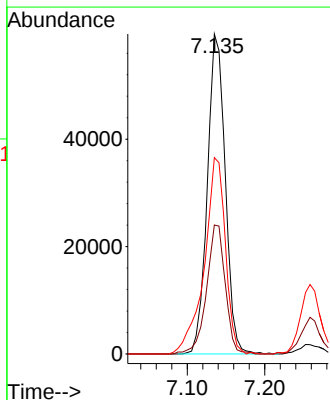
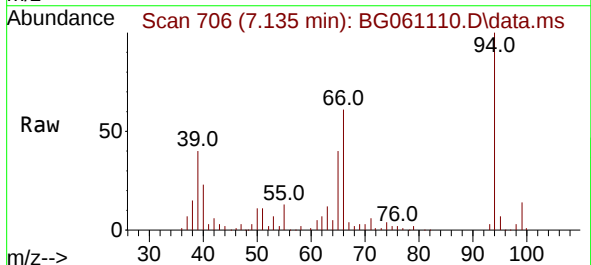
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Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#10
Phenol
Concen: 47.949 ng
RT: 7.135 min Scan# 706
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

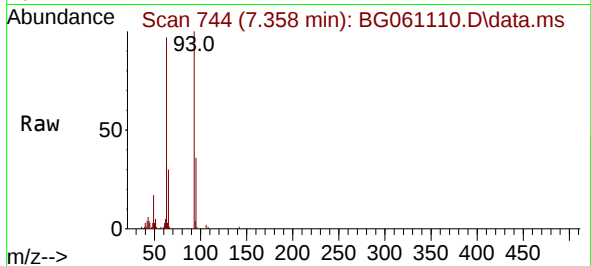
Tgt Ion: 94 Resp: 95548
Ion Ratio Lower Upper
94 100
65 40.3 26.8 66.8
66 61.4 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 41.009 ng
RT: 7.358 min Scan# 748
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

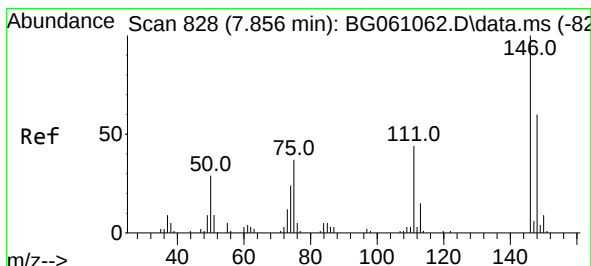
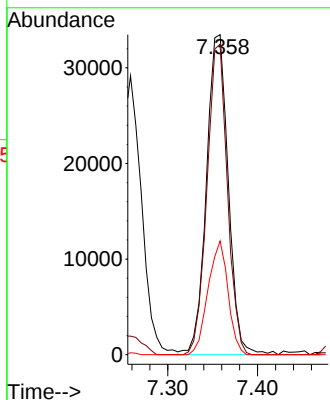
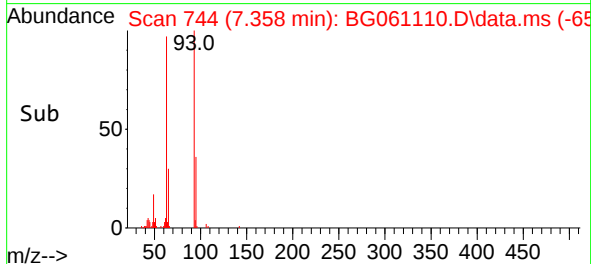
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion: 93 Resp: 5645
Ion Ratio Lower Upper
93 100
63 97.0 76.8 116.8
95 35.6 13.6 53.6

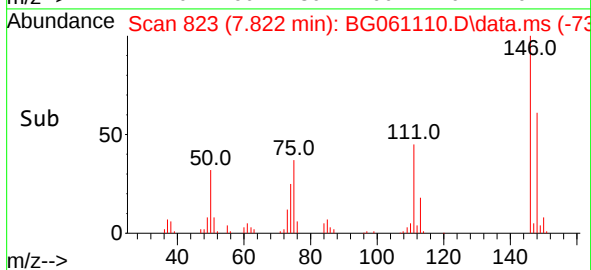
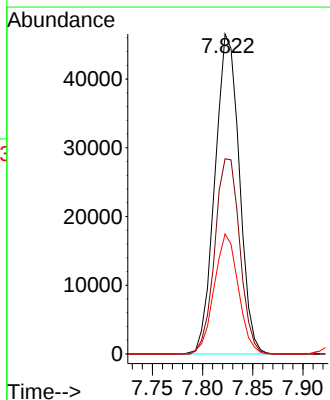
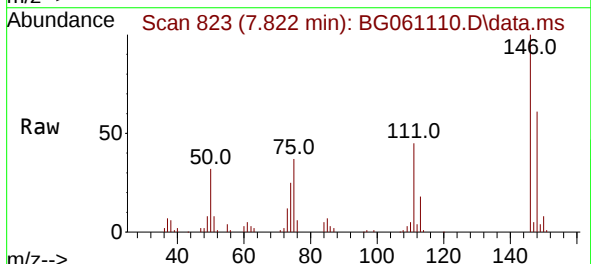
Manual Integrations
APPROVED

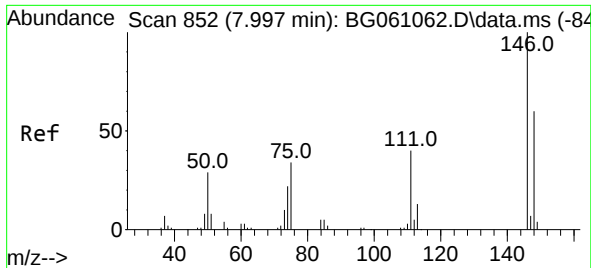
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#12
1,3-Dichlorobenzene
Concen: 40.997 ng
RT: 7.822 min Scan# 823
Delta R.T. -0.033 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

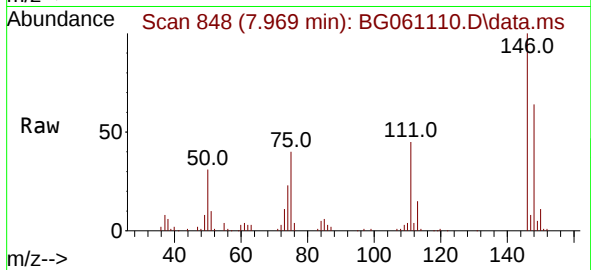
Tgt Ion:146 Resp: 78542
Ion Ratio Lower Upper
146 100
148 61.0 48.0 72.0
75 37.5 29.5 44.3





#13
1,4-Dichlorobenzene
Concen: 39.944 ng
RT: 7.969 min Scan# 84
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

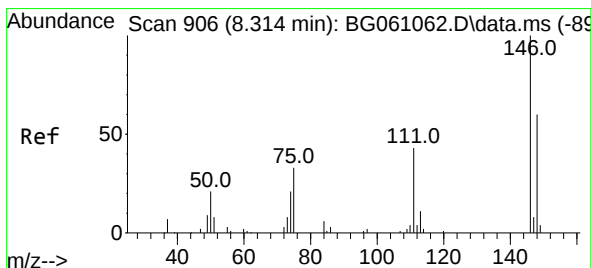
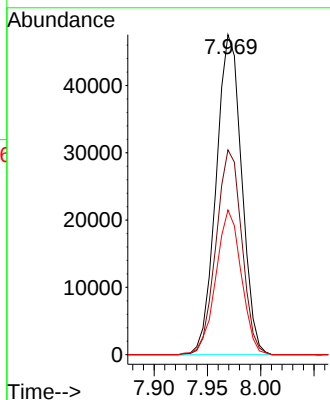
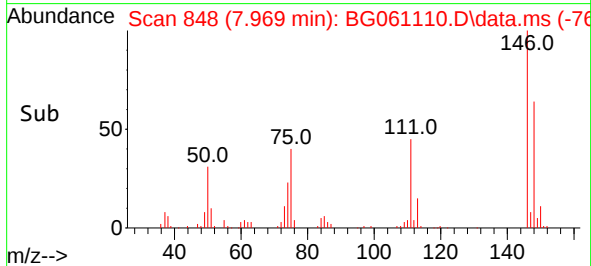
Instrument :
BNA_G
ClientSampleId :
V359MSD



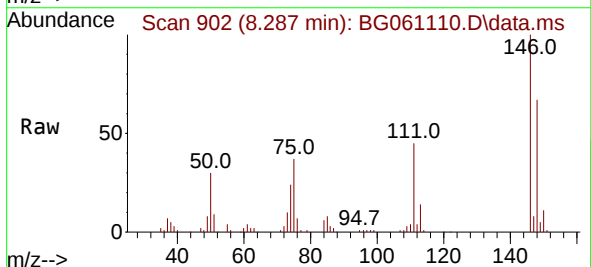
Tgt Ion:146 Resp: 79090
Ion Ratio Lower Upper
146 100
148 64.0 48.1 72.1
111 45.2 32.5 48.7

Manual Integrations
APPROVED

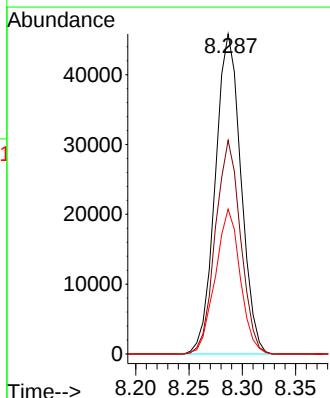
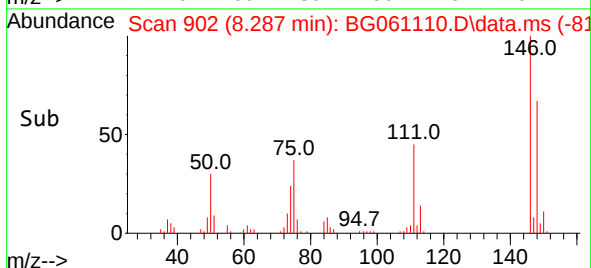
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

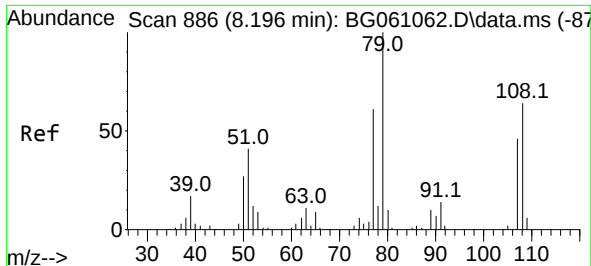


#14
1,2-Dichlorobenzene
Concen: 40.162 ng
RT: 8.287 min Scan# 902
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



Tgt Ion:146 Resp: 76721
Ion Ratio Lower Upper
146 100
148 66.8 48.2 72.2
111 45.3 36.2 54.2





#15
Benzyl Alcohol
Concen: 40.301 ng
RT: 8.169 min Scan# 81
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :

BNA_G

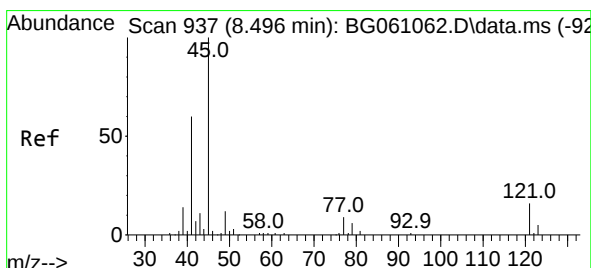
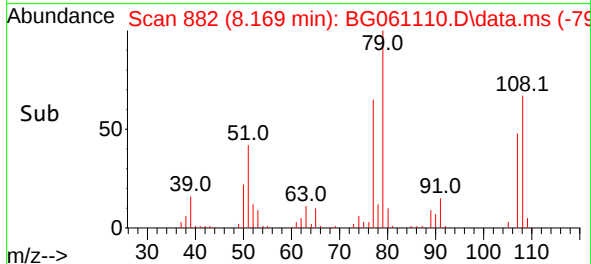
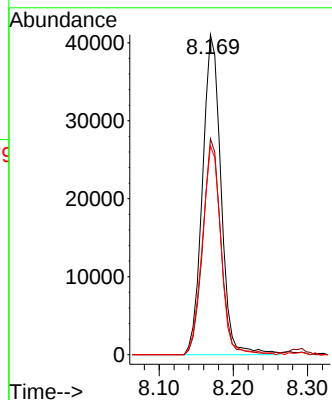
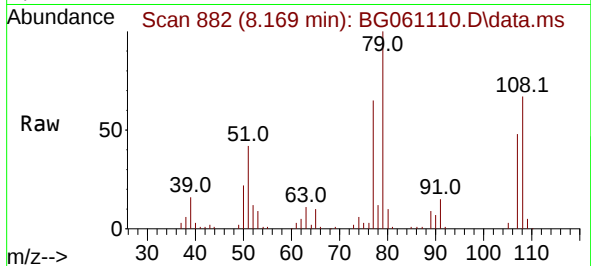
ClientSampleId :

V359MSD

Tgt Ion: 79 Resp: 71238
Ion Ratio Lower Upper
79 100
108 67.4 51.1 76.7
77 65.3 49.0 73.6

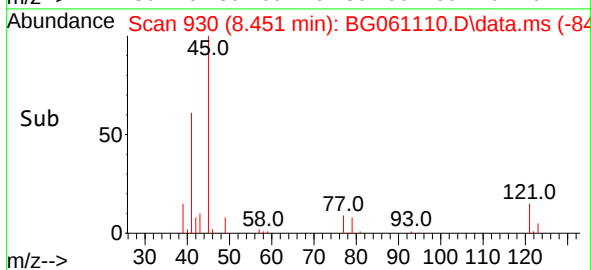
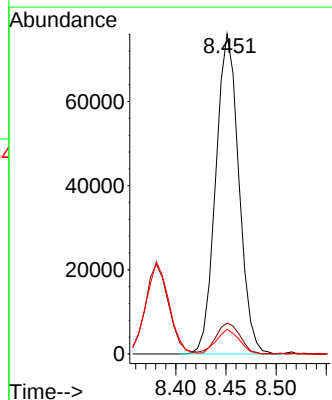
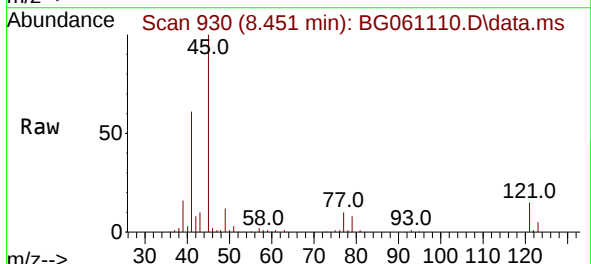
Manual Integrations
APPROVED

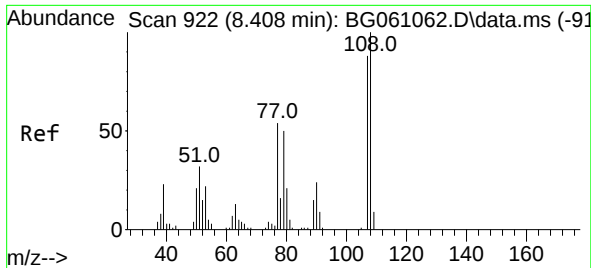
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.702 ng
RT: 8.451 min Scan# 930
Delta R.T. -0.045 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 45 Resp: 121582
Ion Ratio Lower Upper
45 100
77 9.6 0.0 30.2
79 7.7 0.0 26.5





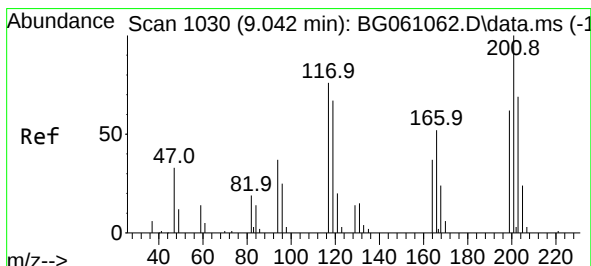
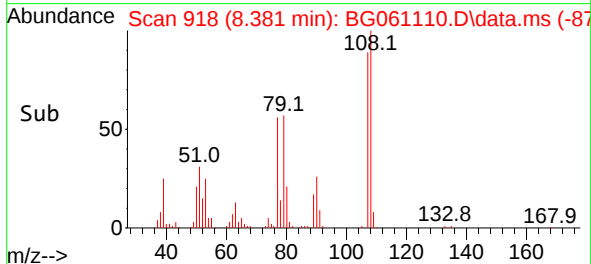
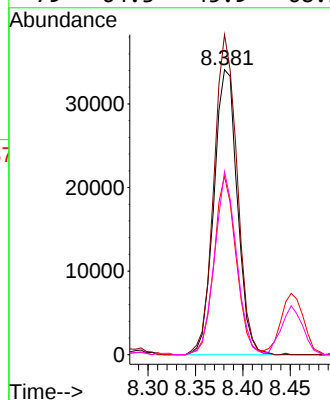
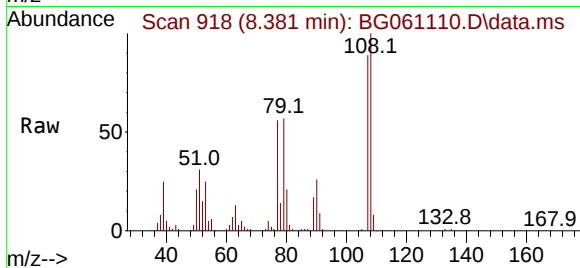
#17
2-Methylphenol
Concen: 41.364 ng
RT: 8.381 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :
BNA_G
ClientSampleId :
V359MSD

Tgt Ion:	107	Resp:	58740
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.4	137.2
77	62.7	49.4	74.2
79	64.3	45.9	68.9

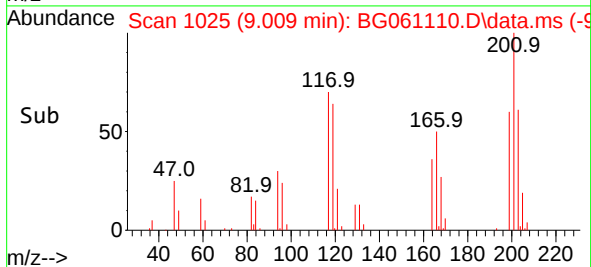
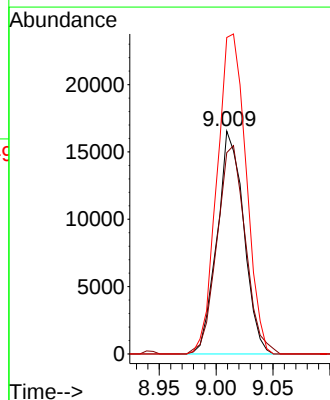
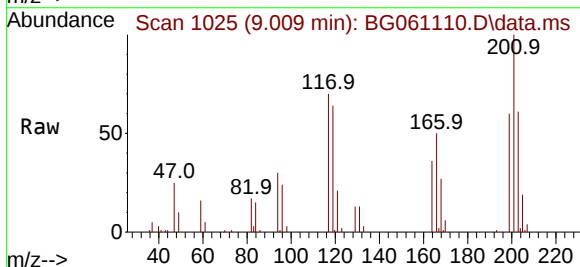
Manual Integrations
APPROVED

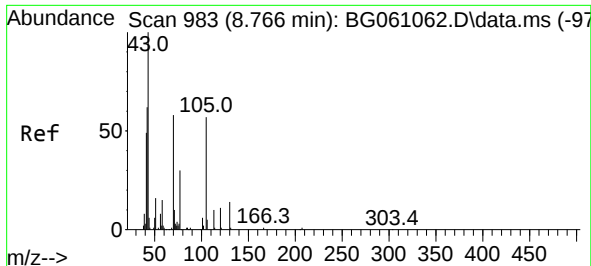
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#18
Hexachloroethane
Concen: 38.154 ng
RT: 9.009 min Scan# 1025
Delta R.T. -0.033 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

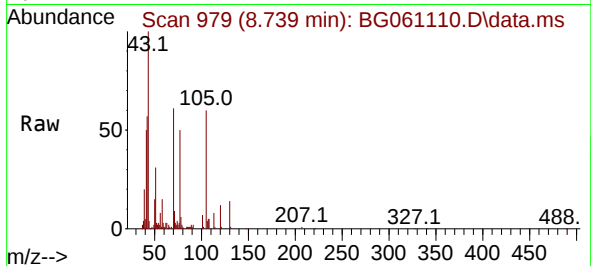
Tgt Ion:	117	Resp:	26956
Ion	Ratio	Lower	Upper
117	100		
119	92.0	71.4	107.0
201	142.0	105.8	158.8





#19
n-Nitroso-di-n-propylamine
Concen: 36.886 ng
RT: 8.739 min Scan# 911
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

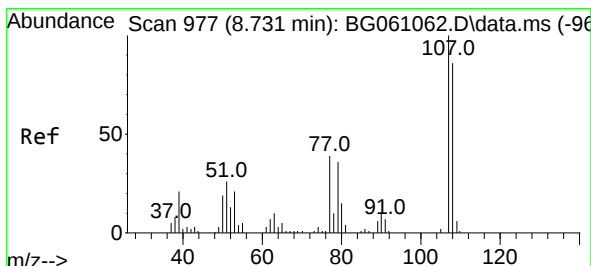
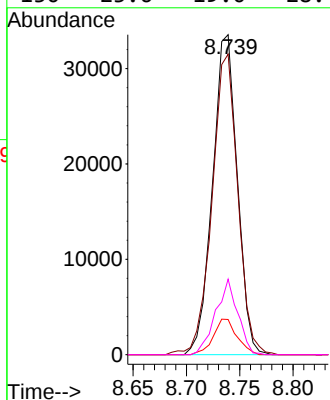
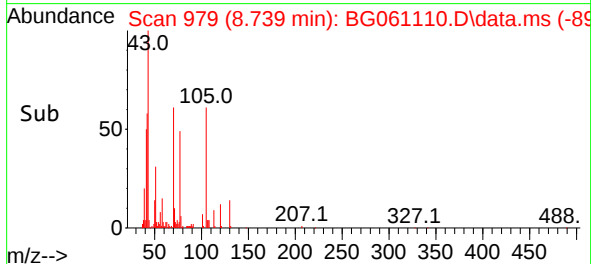
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion: 70	Resp: 5409
Ion Ratio	Lower Upper
70	100
42	93.9 86.4 129.6
101	11.0 7.8 11.8
130	23.6 19.0 28.4

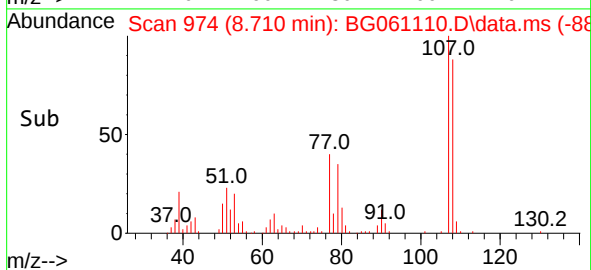
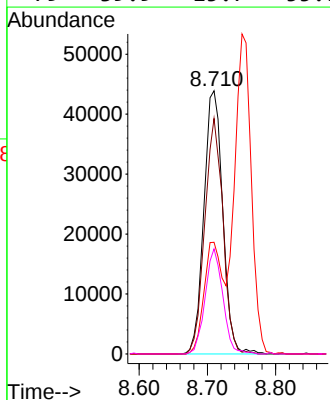
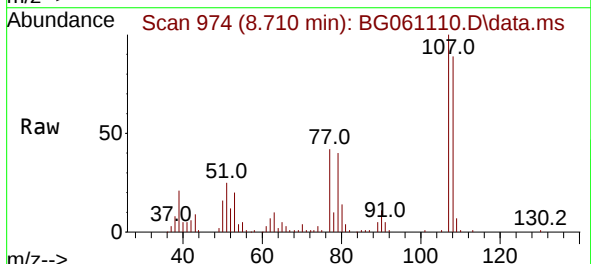
Manual Integrations
APPROVED

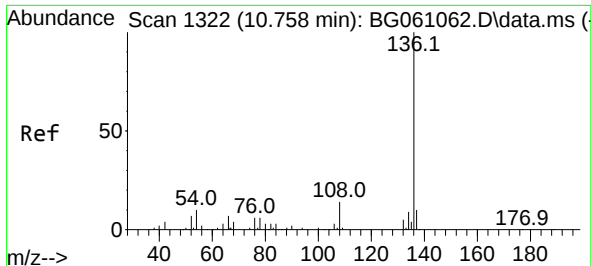
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#20
3+4-Methylphenols
Concen: 41.245 ng
RT: 8.710 min Scan# 974
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:107	Resp: 84504
Ion Ratio	Lower Upper
107	100
108	89.5 65.7 105.7
77	42.5 19.4 59.4
79	39.9 15.7 55.7





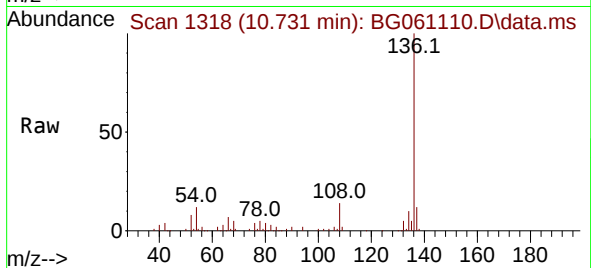
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1322
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD



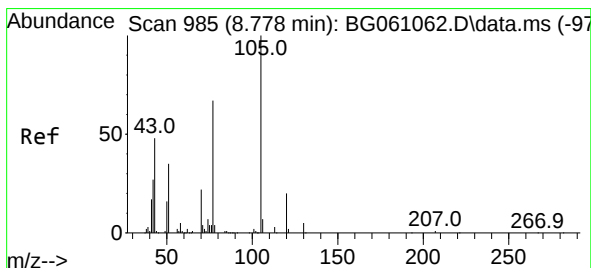
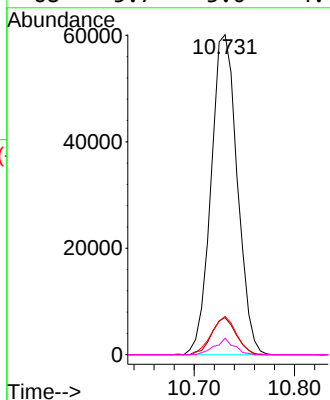
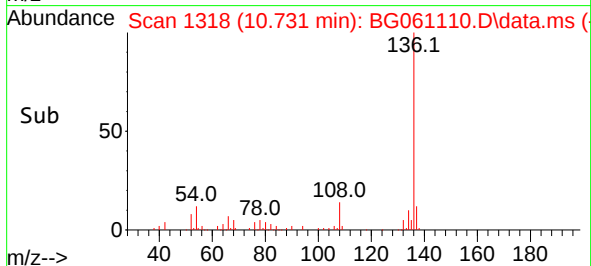
Tgt Ion:136 Resp: 109052
Ion Ratio Lower Upper
136 100
137 11.6 7.8 11.6
54 13.1 8.1 12.1
68 5.7 3.0 4.4#

Manual Integrations

APPROVED

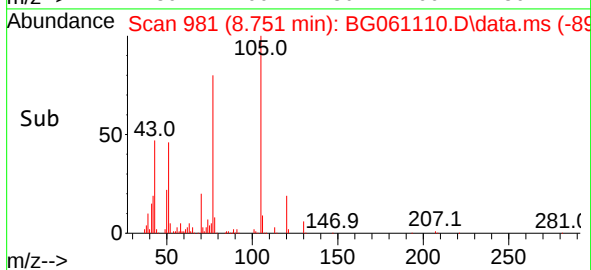
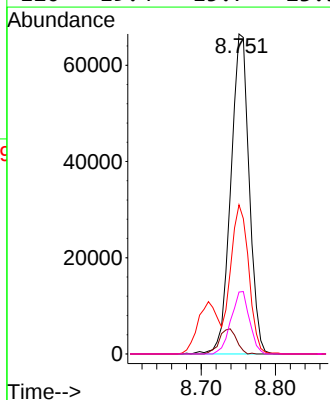
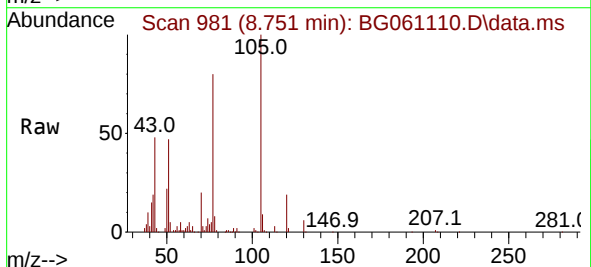
Reviewed By :Yogesh Patel 05/04/2024

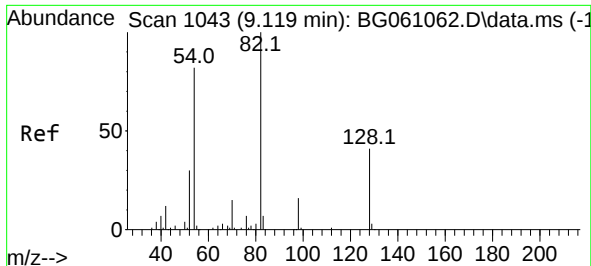
Supervised By :mohammad ahmed 05/06/2024



#22
Acetophenone
Concen: 42.238 ng
RT: 8.751 min Scan# 981
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

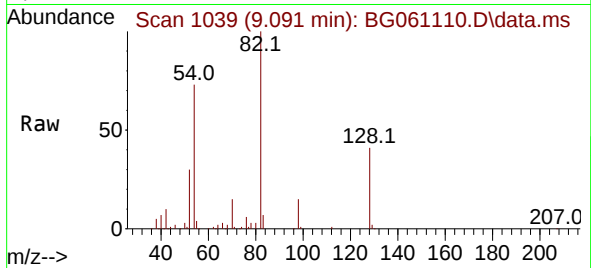
Tgt Ion:105 Resp: 114713
Ion Ratio Lower Upper
105 100
71 2.8 3.3 4.9#
51 46.6 36.7 55.1
120 19.4 15.7 23.5





#23
Nitrobenzene-d5
Concen: 44.611 ng
RT: 9.091 min Scan# 1043
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

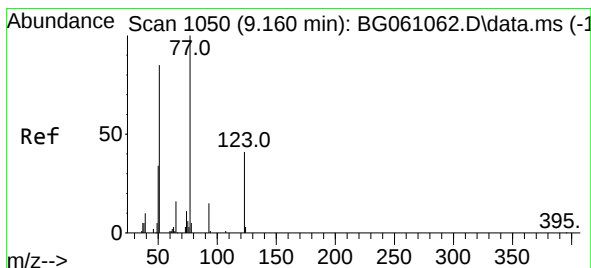
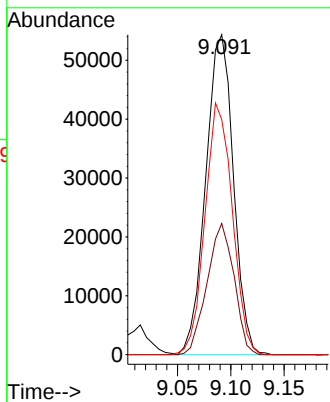
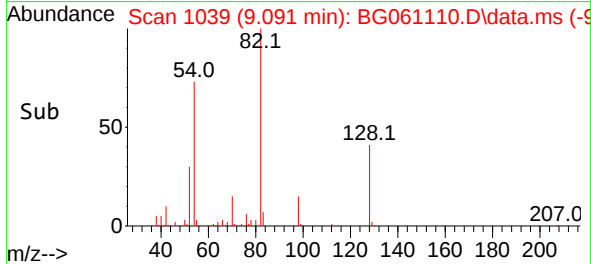
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion: 82 Resp: 98139
Ion Ratio Lower Upper
82 100
128 41.0 32.7 49.1
54 73.5 65.6 98.4

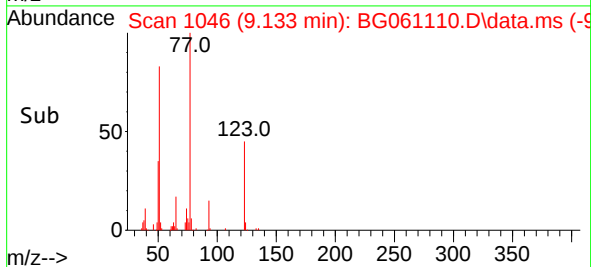
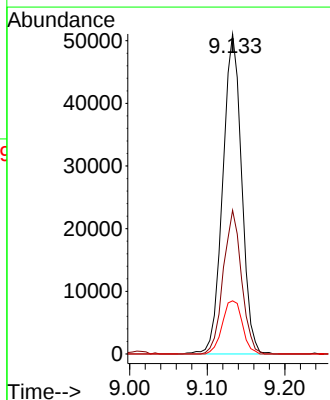
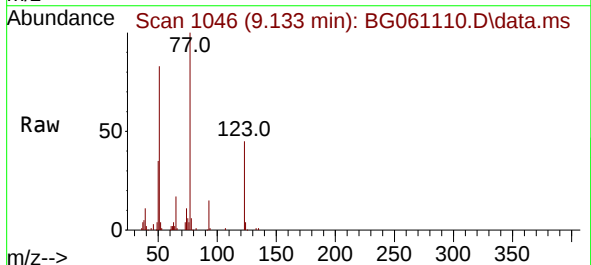
Manual Integrations
APPROVED

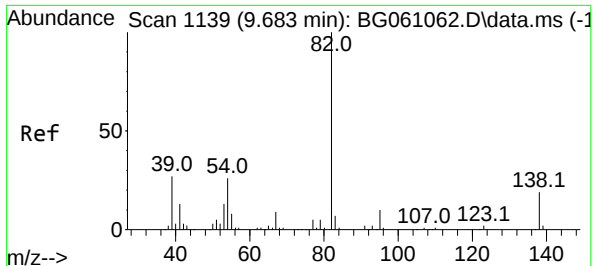
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#24
Nitrobenzene
Concen: 40.140 ng
RT: 9.133 min Scan# 1046
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion: 77 Resp: 86384
Ion Ratio Lower Upper
77 100
123 44.9 33.1 49.7
65 16.6 13.1 19.7





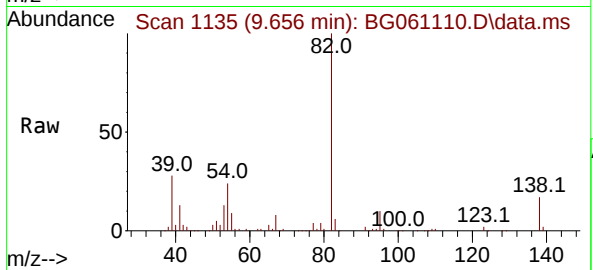
#25
Isophorone
Concen: 37.239 ng
RT: 9.656 min Scan# 1135
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD



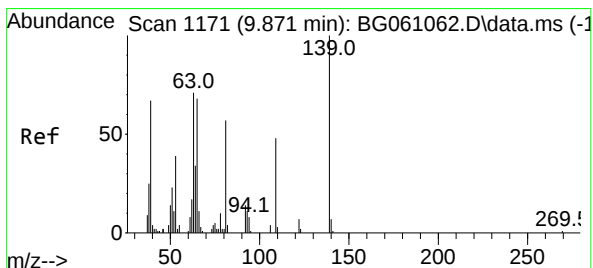
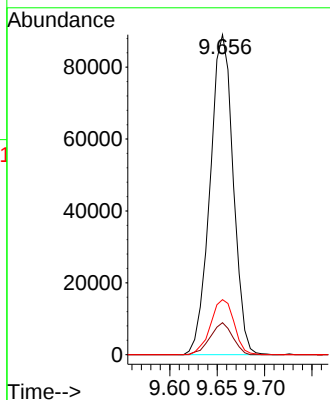
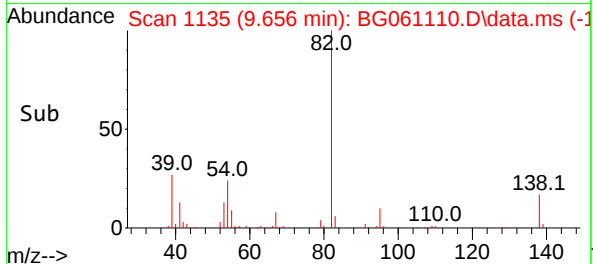
Tgt Ion: 82 Resp: 151429
Ion Ratio Lower Upper
82 100
95 10.0 8.3 12.5
138 17.2 15.2 22.8

Manual Integrations

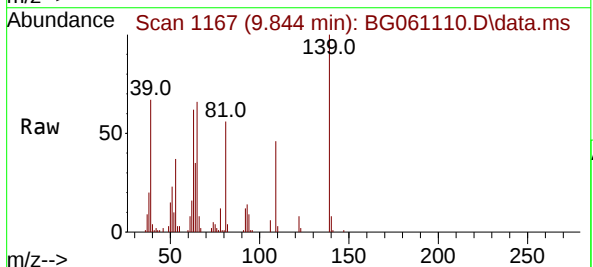
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

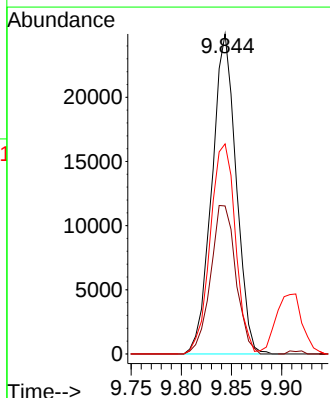
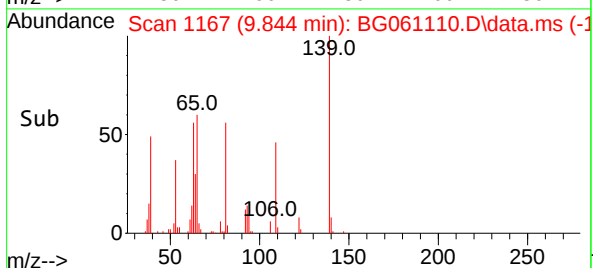
Supervised By :mohammad ahmed 05/06/2024

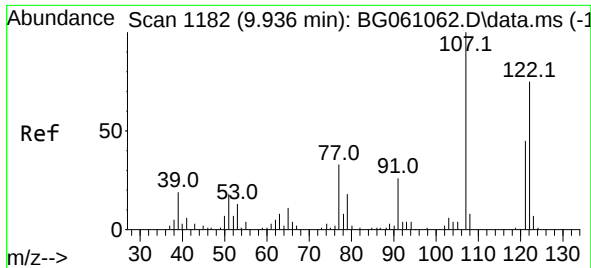


#26
2-Nitrophenol
Concen: 41.043 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



Tgt Ion:139 Resp: 41849
Ion Ratio Lower Upper
139 100
109 46.3 38.5 57.7
65 65.7 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 45.988 ng

RT: 9.908 min Scan# 1182

Delta R.T. -0.027 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD

Tgt Ion:122 Resp: 54060

Ion Ratio Lower Upper

122 100

107 123.0 106.9 160.3

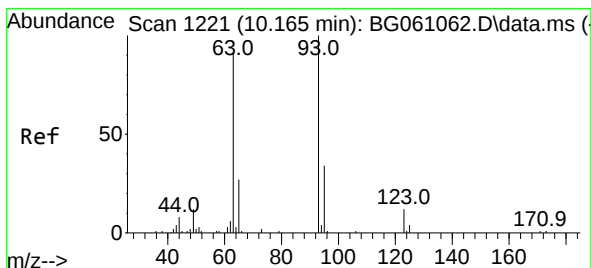
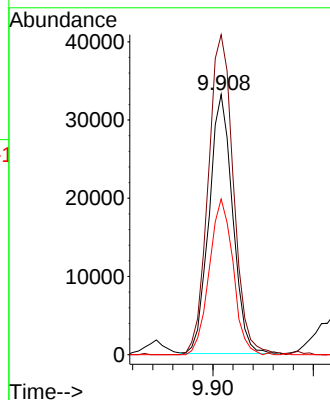
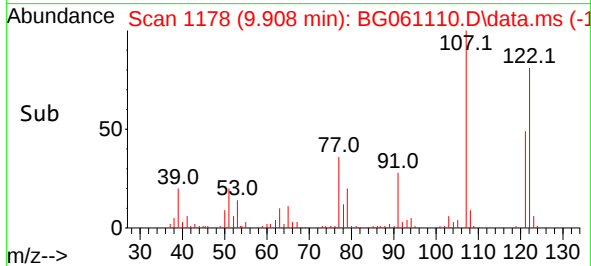
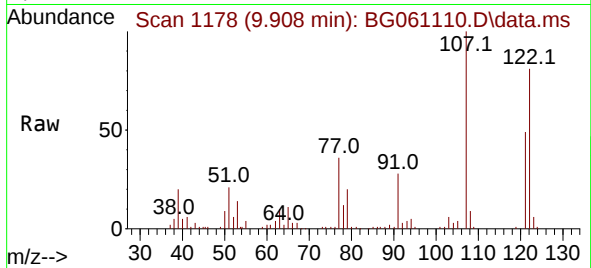
121 59.8 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.776 ng

RT: 10.137 min Scan# 1217

Delta R.T. -0.027 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

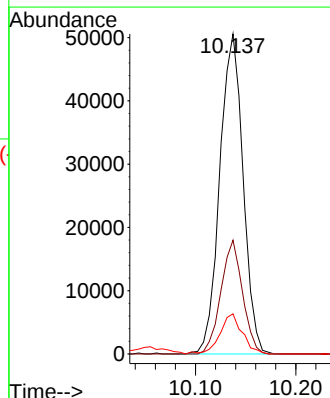
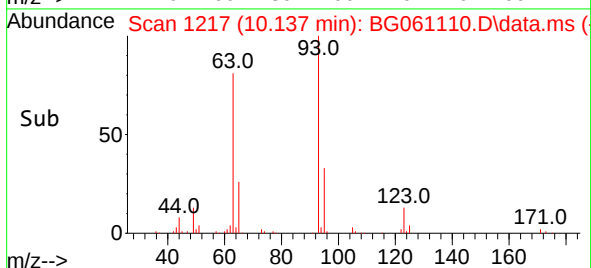
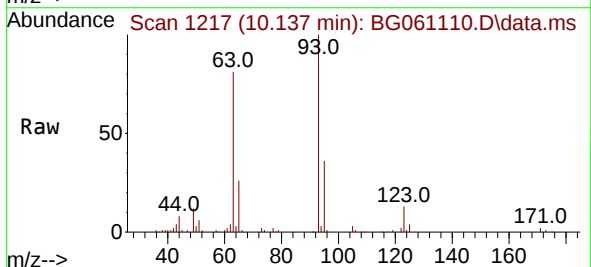
Tgt Ion: 93 Resp: 81378

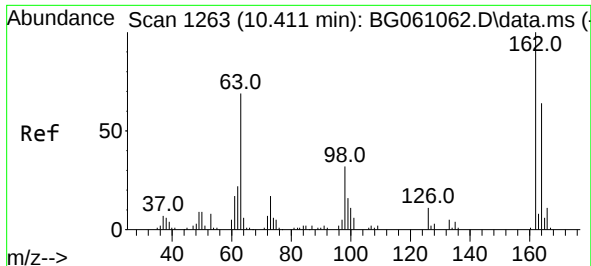
Ion Ratio Lower Upper

93 100

95 35.5 27.4 41.0

123 12.5 9.7 14.5





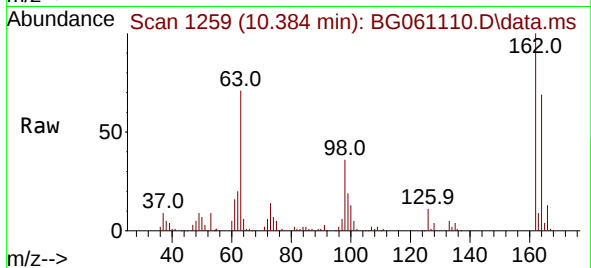
#29
2,4-Dichlorophenol
Concen: 44.182 ng
RT: 10.384 min Scan# 1259
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD



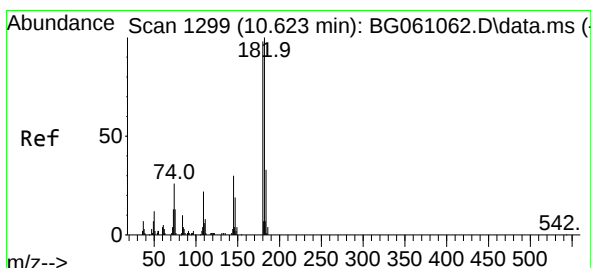
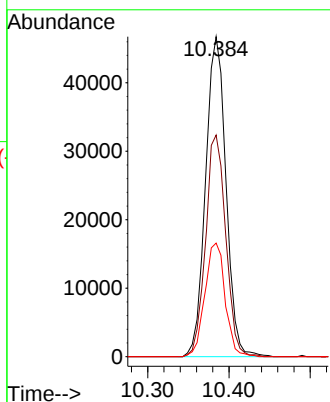
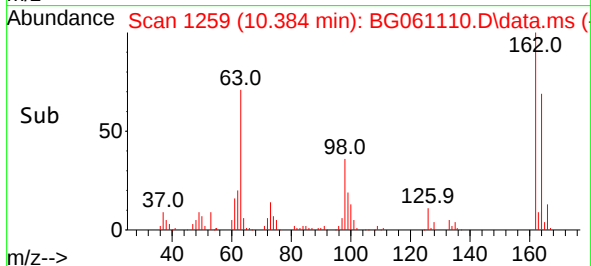
Tgt Ion:162 Resp: 81370
Ion Ratio Lower Upper
162 100
164 69.2 43.6 83.6
98 35.5 12.3 52.3

Manual Integrations

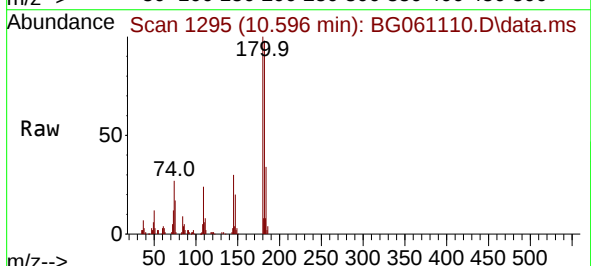
APPROVED

Reviewed By :Yogesh Patel 05/04/2024

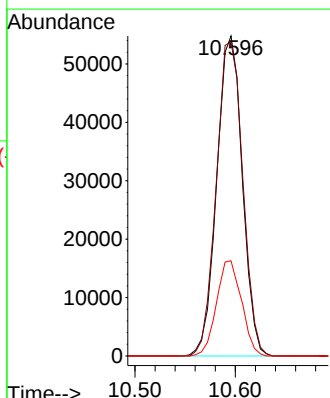
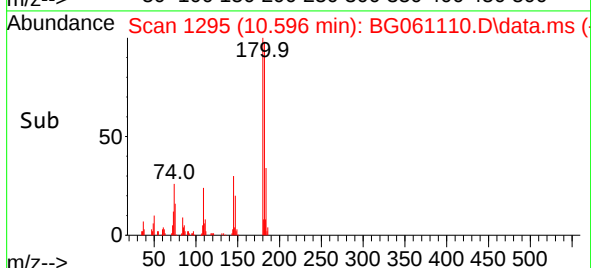
Supervised By :mohammad ahmed 05/06/2024

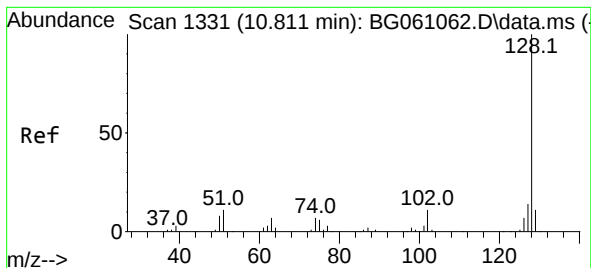


#30
1,2,4-Trichlorobenzene
Concen: 43.492 ng
RT: 10.596 min Scan# 1295
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



Tgt Ion:180 Resp: 96521
Ion Ratio Lower Upper
180 100
182 98.2 81.7 122.5
145 29.8 24.5 36.7





#31

Naphthalene

Concen: 42.733 ng

RT: 10.784 min Scan# 11

Delta R.T. -0.027 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD

Tgt Ion:128 Resp: 24219

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

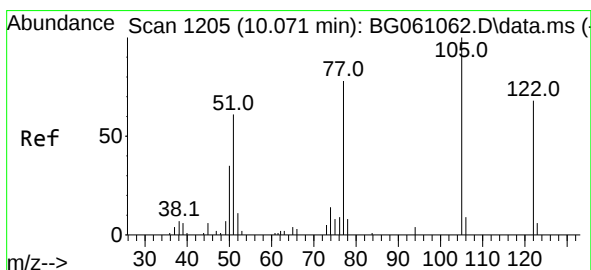
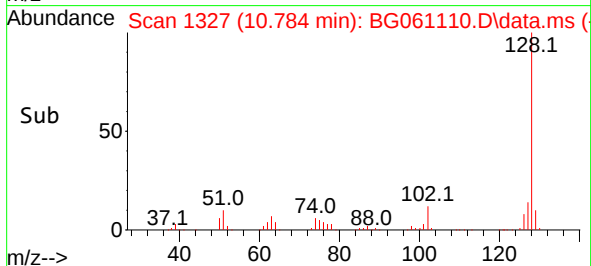
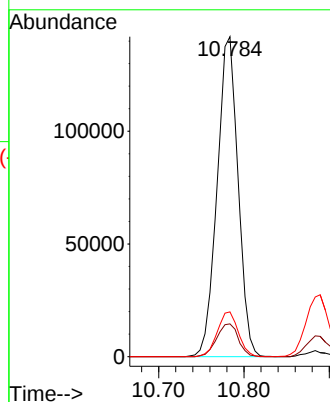
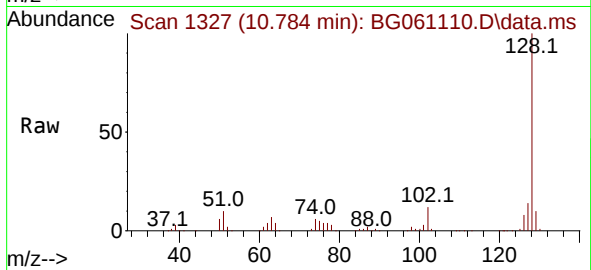
127 14.0 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#32

Benzoic acid

Concen: 33.714 ng m

RT: 10.061 min Scan# 1204

Delta R.T. -0.010 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

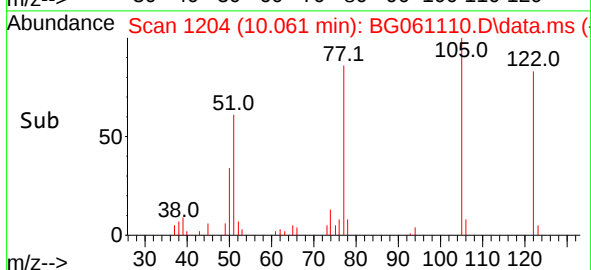
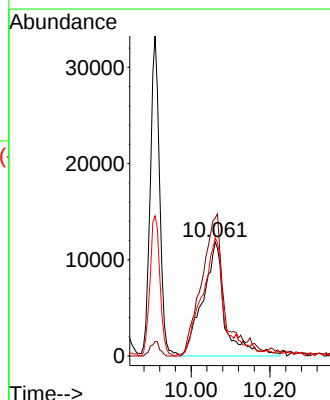
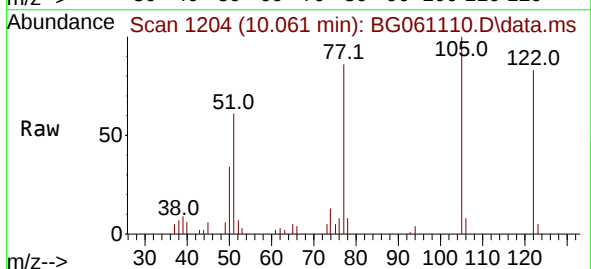
Tgt Ion:122 Resp: 45814

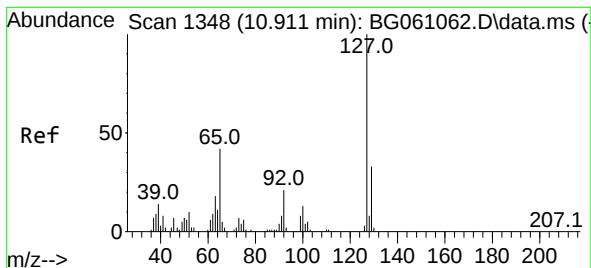
Ion Ratio Lower Upper

122 100

105 120.9 123.3 163.3#

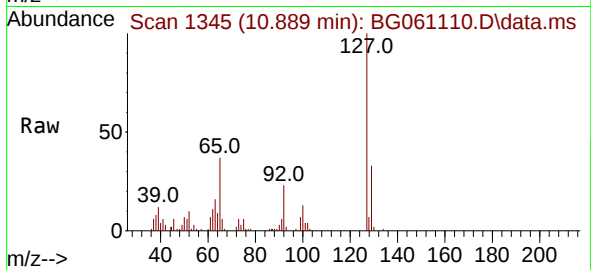
77 103.7 93.2 133.2





#33
4-Chloroaniline
Concen: 23.124 ng
RT: 10.889 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

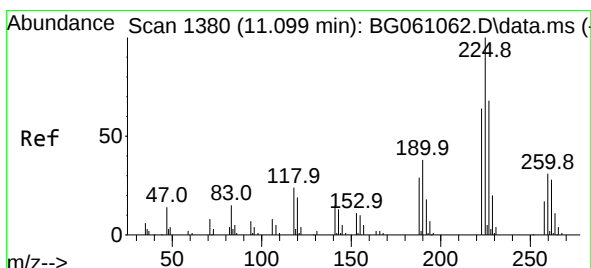
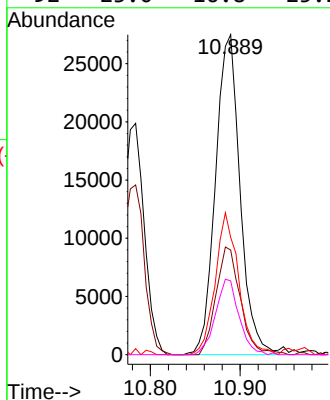
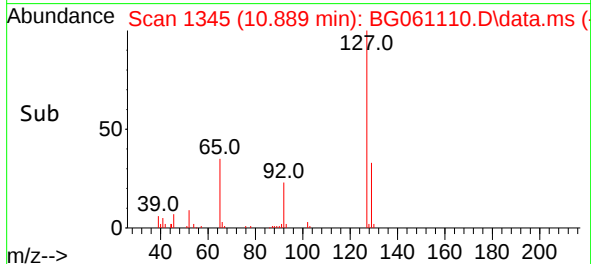
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion:127 Resp: 5226
Ion Ratio Lower Upper
127 100
129 32.7 26.6 39.8
65 36.6 33.6 50.4
92 23.0 16.8 25.2

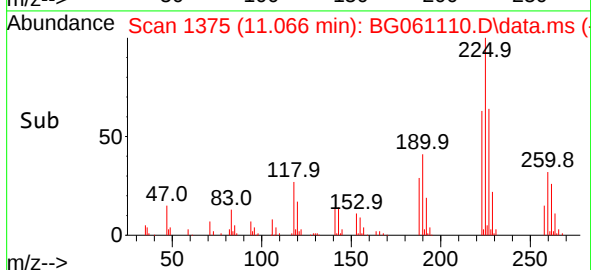
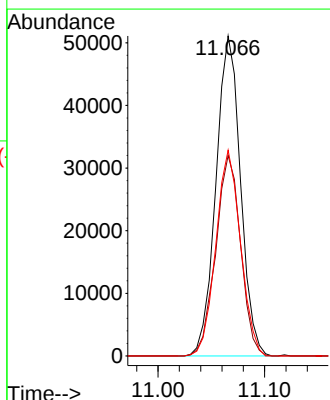
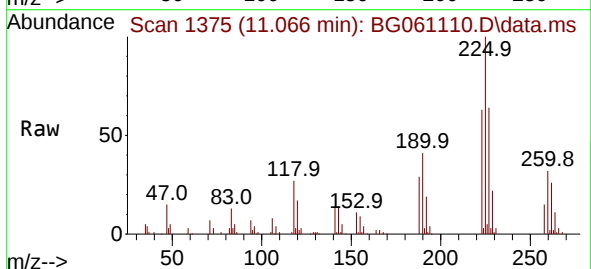
Manual Integrations
APPROVED

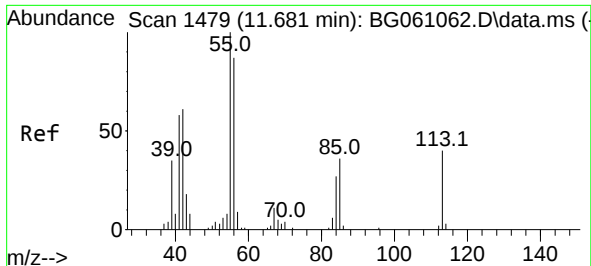
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#34
Hexachlorobutadiene
Concen: 42.930 ng
RT: 11.066 min Scan# 1375
Delta R.T. -0.033 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

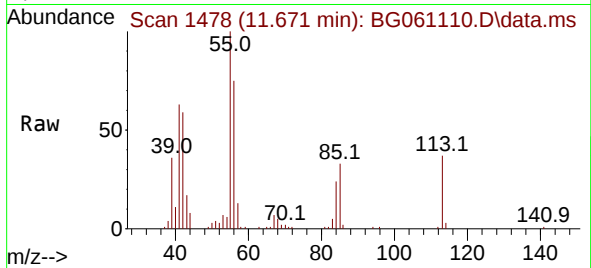
Tgt Ion:225 Resp: 81748
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.4
227 64.3 54.6 82.0





#35
Caprolactam
Concen: 34.184 ng
RT: 11.671 min Scan# 1479
Delta R.T. -0.010 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

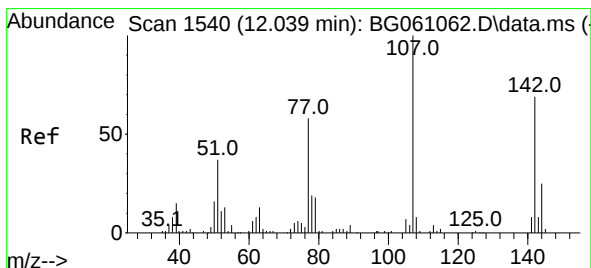
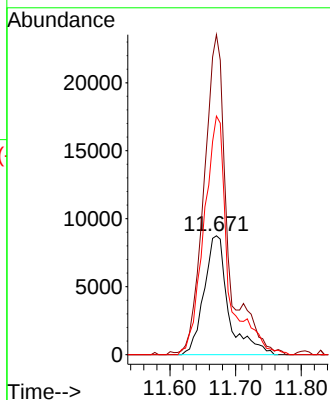
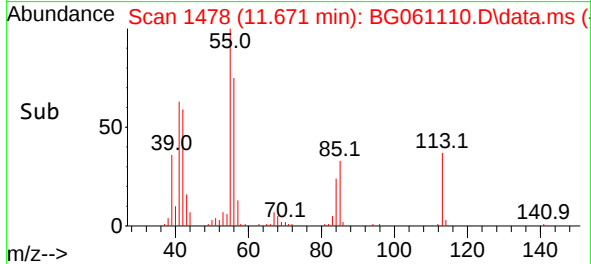
Instrument :
BNA_G
ClientSampleId :
V359MSD



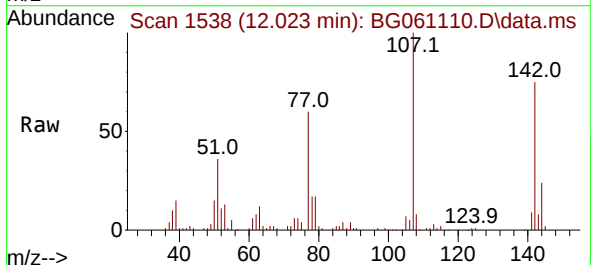
Tgt Ion:113 Resp: 22674
Ion Ratio Lower Upper
113 100
55 269.2 227.6 267.6
56 200.6 195.1 235.1

Manual Integrations
APPROVED

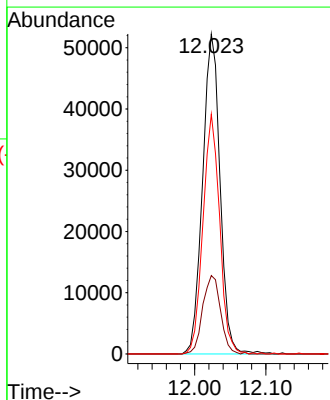
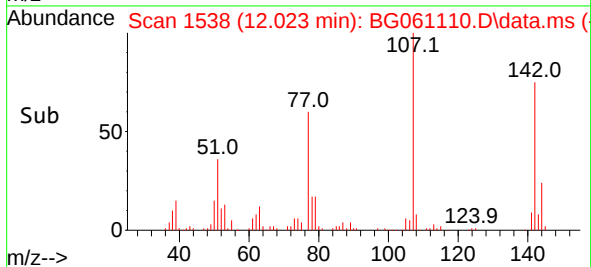
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

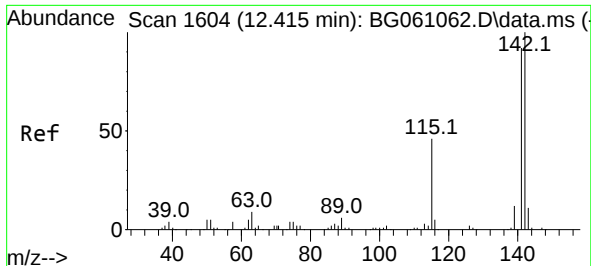


#36
4-Chloro-3-methylphenol
Concen: 40.212 ng
RT: 12.023 min Scan# 1538
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



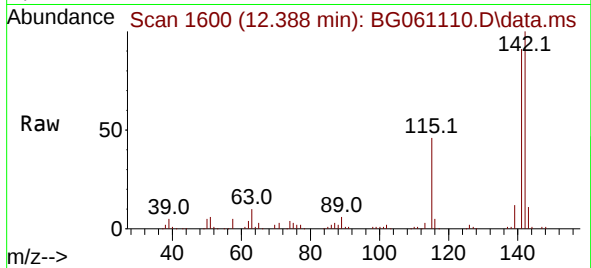
Tgt Ion:107 Resp: 89311
Ion Ratio Lower Upper
107 100
144 24.5 20.2 30.4
142 74.9 55.6 83.4





#37
2-Methylnaphthalene
Concen: 41.236 ng
RT: 12.388 min Scan# 1600
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

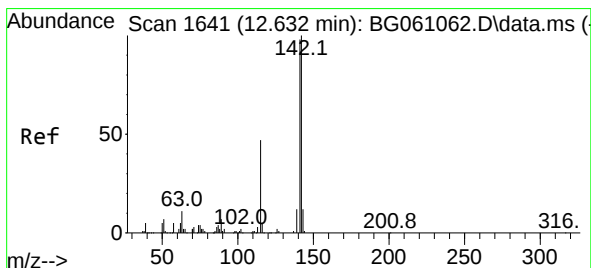
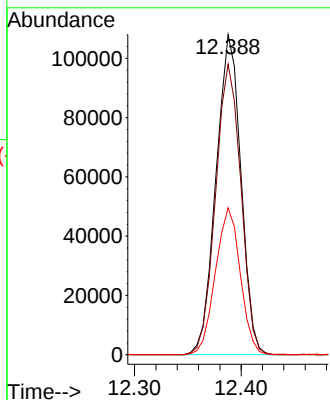
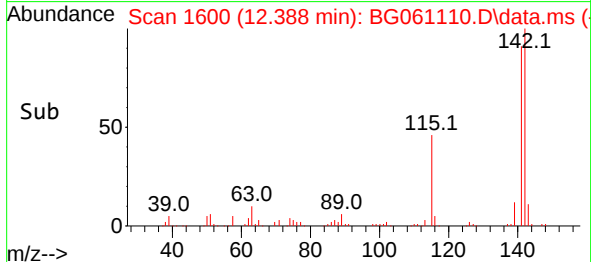
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion:142 Resp: 175130
Ion Ratio Lower Upper
142 100
141 90.8 73.8 110.8
115 45.9 36.9 55.3

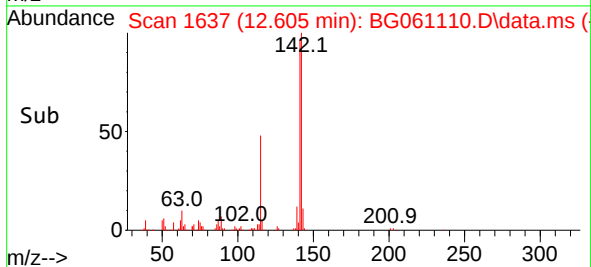
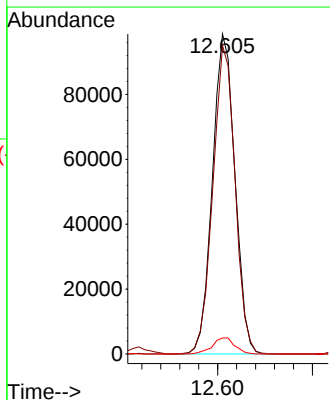
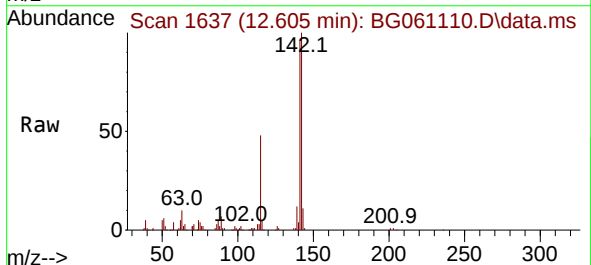
Manual Integrations
APPROVED

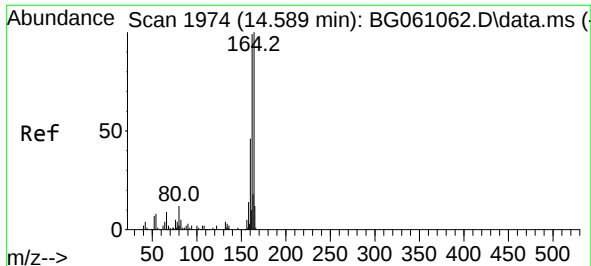
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#38
1-Methylnaphthalene
Concen: 37.923 ng
RT: 12.605 min Scan# 1637
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

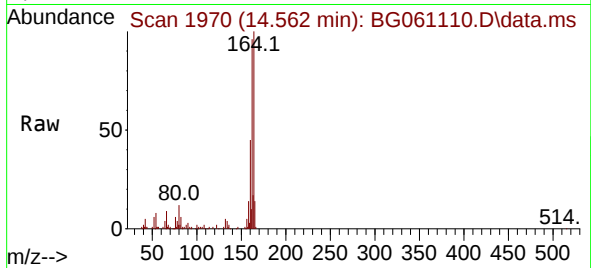
Tgt Ion:142 Resp: 162145
Ion Ratio Lower Upper
142 100
141 96.4 78.4 117.6
116 5.0 4.3 6.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1970
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

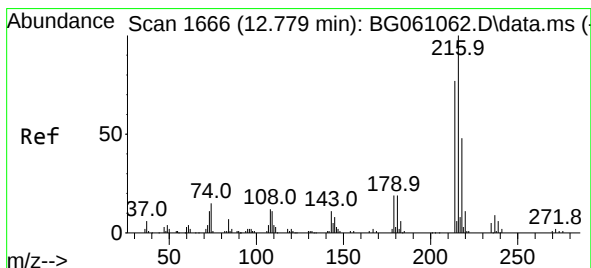
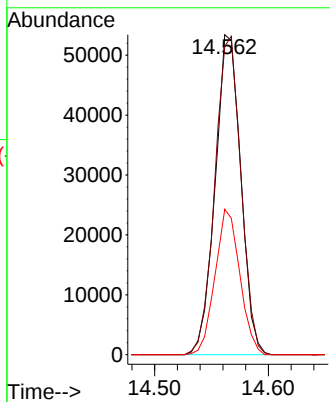
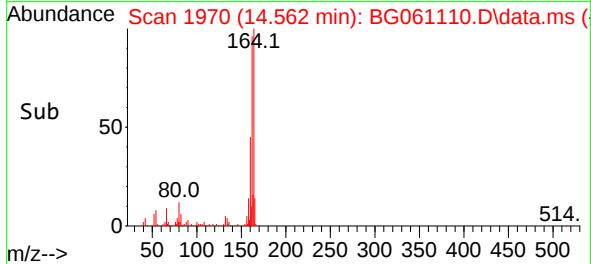
Instrument :
BNA_G
ClientSampleId :
V359MSD



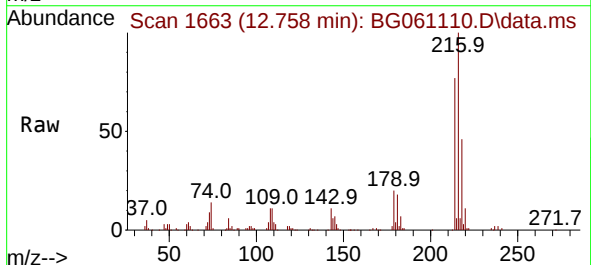
Tgt Ion:164 Resp: 8370
Ion Ratio Lower Upper
164 100
162 96.4 79.4 119.2
160 45.5 37.0 55.6

Manual Integrations
APPROVED

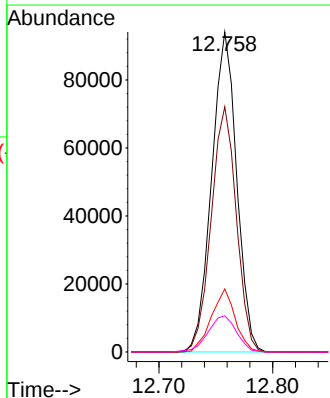
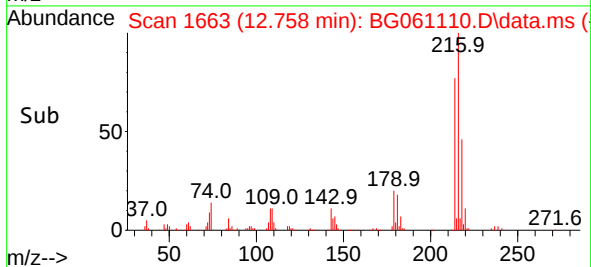
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

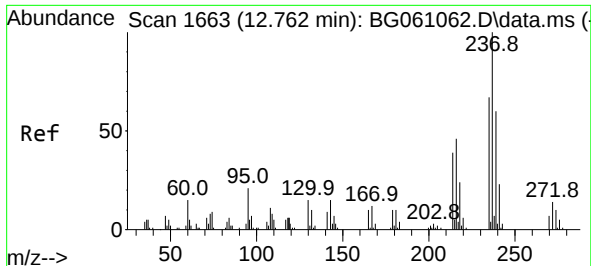


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.448 ng
RT: 12.758 min Scan# 1663
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



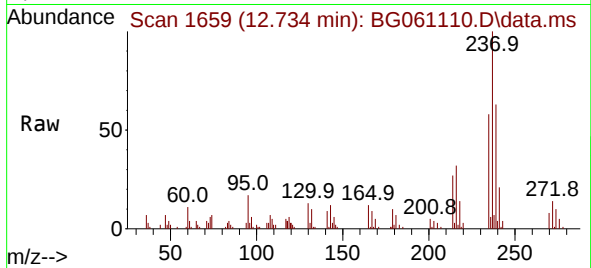
Tgt Ion:216 Resp: 143715
Ion Ratio Lower Upper
216 100
214 76.9 64.2 96.2
179 19.0 15.4 23.2
108 12.8 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 37.015 ng
RT: 12.734 min Scan# 1659
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

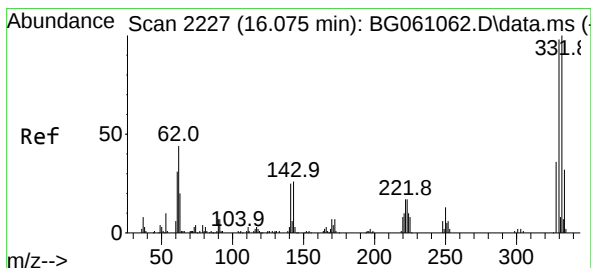
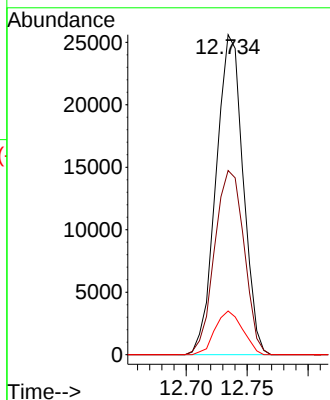
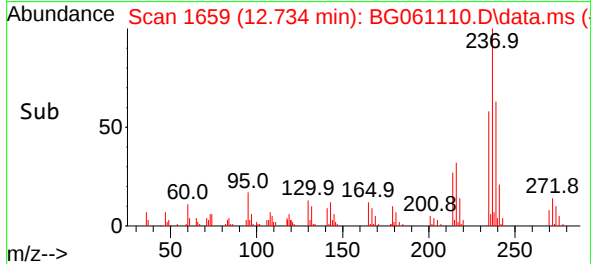
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion:237 Resp: 3958
Ion Ratio Lower Upper
237 100
235 57.6 46.5 86.5
272 13.7 0.0 33.9

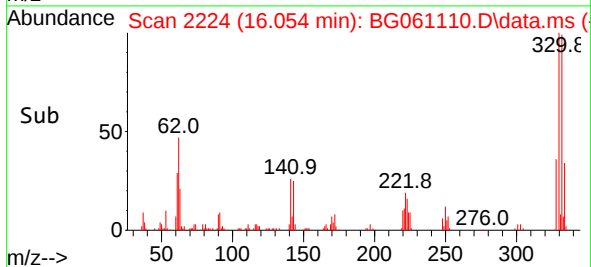
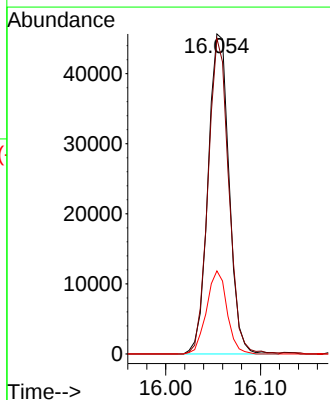
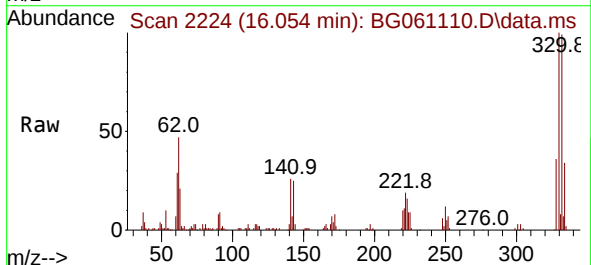
Manual Integrations
APPROVED

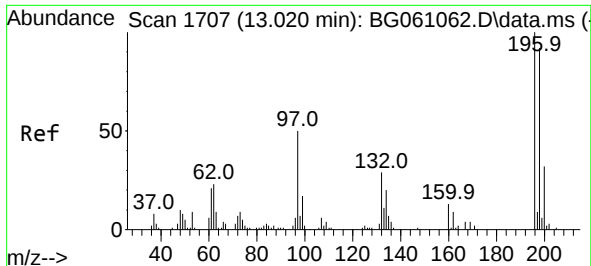
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#42
2,4,6-Tribromophenol
Concen: 41.965 ng
RT: 16.054 min Scan# 2224
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

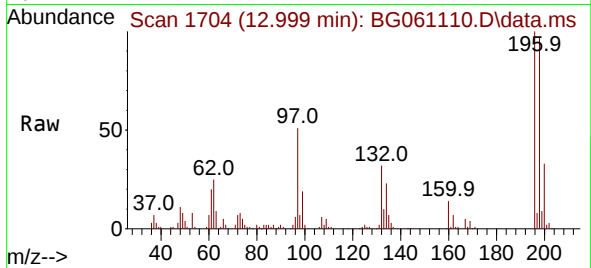
Tgt Ion:330 Resp: 70211
Ion Ratio Lower Upper
330 100
332 96.8 78.6 117.8
141 25.3 20.5 30.7





#43
2,4,6-Trichlorophenol
Concen: 47.540 ng
RT: 12.999 min Scan# 1716
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

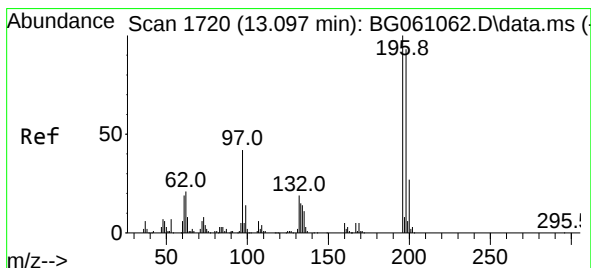
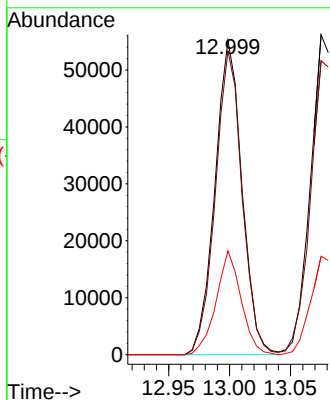
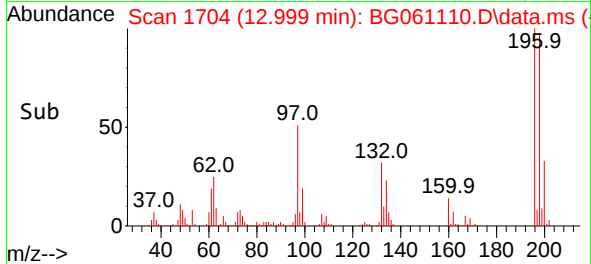
Instrument :
BNA_G
ClientSampleId :
V359MSD



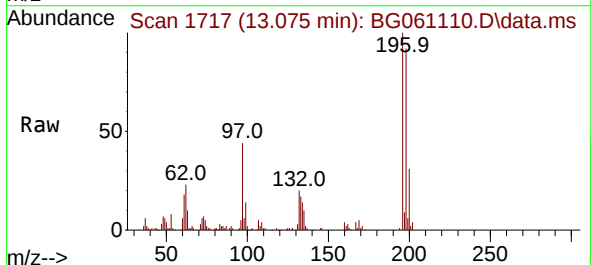
Tgt Ion:196 Resp: 85258
Ion Ratio Lower Upper
196 100
198 96.6 73.8 110.6
200 33.1 25.5 38.3

Manual Integrations
APPROVED

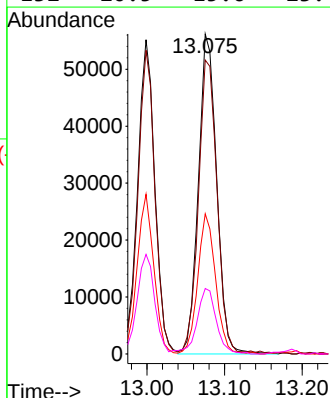
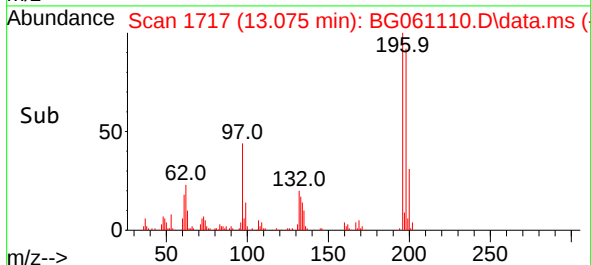
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#44
2,4,5-Trichlorophenol
Concen: 45.404 ng
RT: 13.075 min Scan# 1717
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



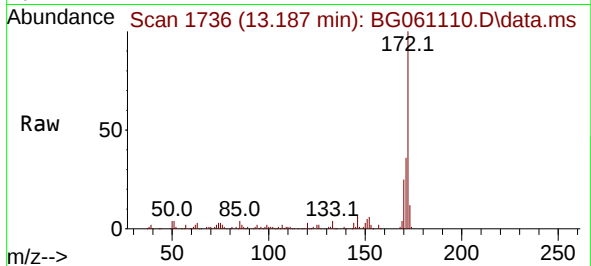
Tgt Ion:196 Resp: 92158
Ion Ratio Lower Upper
196 100
198 91.8 74.3 111.5
97 43.8 33.6 50.4
132 20.5 15.6 23.4





#45
2-Fluorobiphenyl
Concen: 28.594 ng
RT: 13.187 min Scan# 1736
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

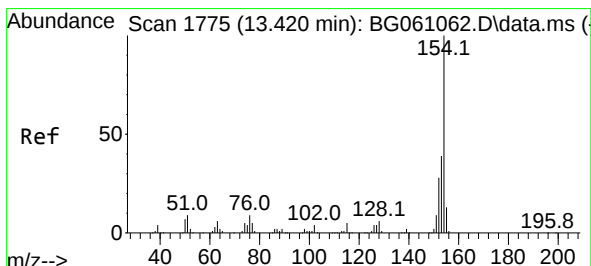
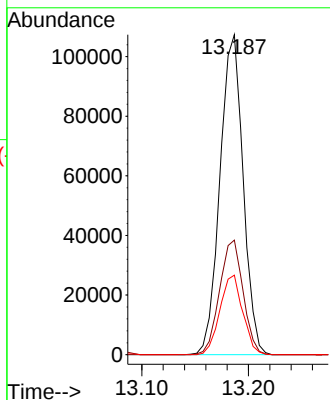
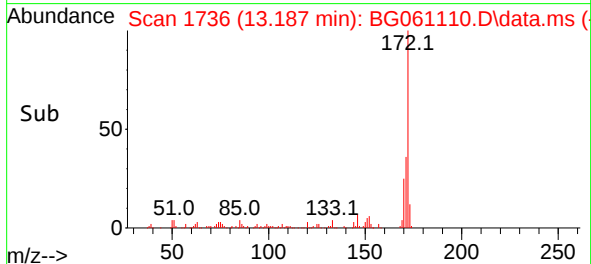
Instrument :
BNA_G
ClientSampleId :
V359MSD



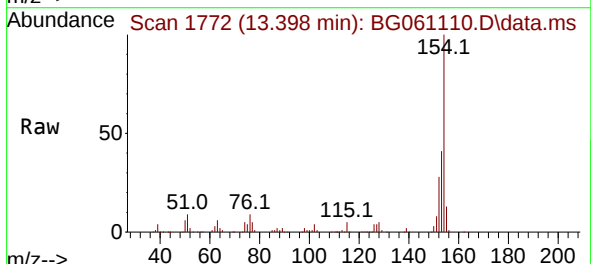
Tgt Ion:172 Resp: 161850
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.8 20.2 30.4

Manual Integrations
APPROVED

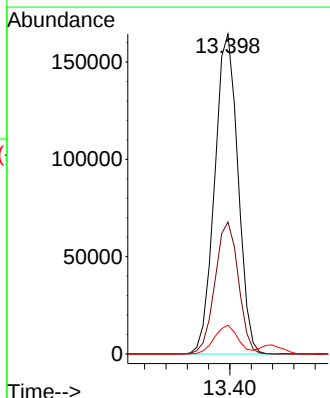
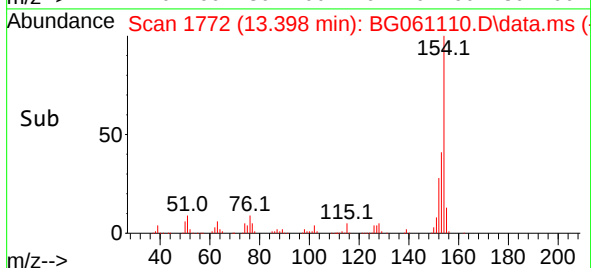
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

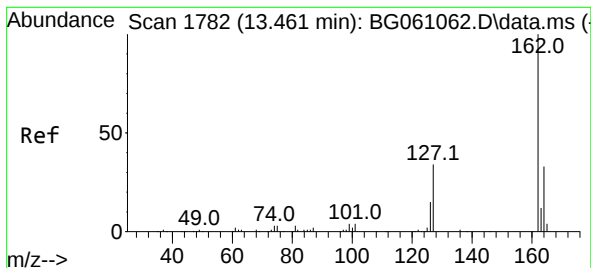


#46
1,1'-Biphenyl
Concen: 46.396 ng
RT: 13.398 min Scan# 1772
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



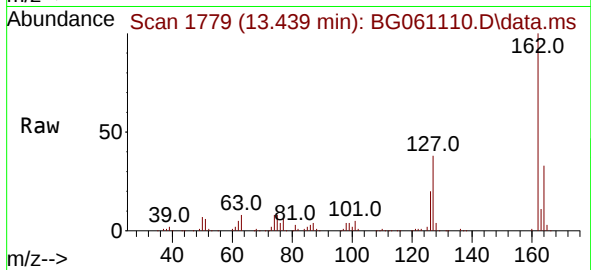
Tgt Ion:154 Resp: 249001
Ion Ratio Lower Upper
154 100
153 41.3 19.3 59.3
76 9.0 0.0 28.8





#47
2-Chloronaphthalene
Concen: 46.253 ng
RT: 13.439 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

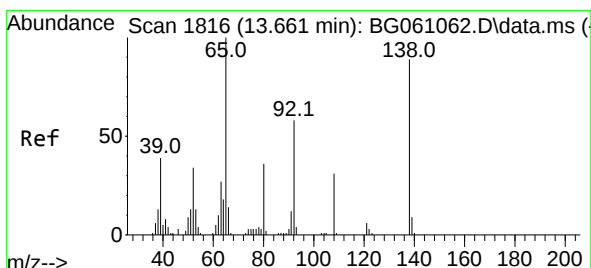
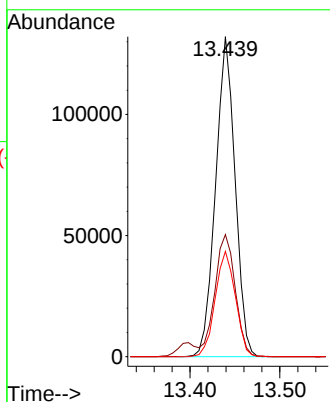
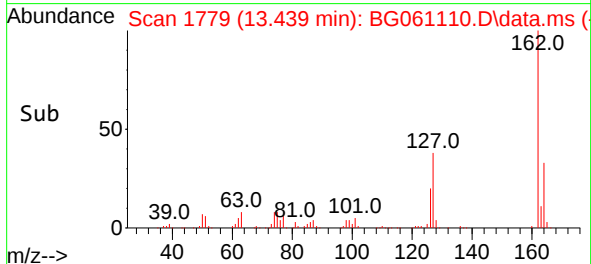
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion:162 Resp: 198774
Ion Ratio Lower Upper
162 100
127 38.2 30.7 46.1
164 32.9 26.8 40.2

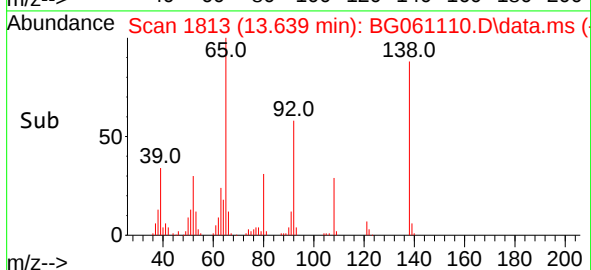
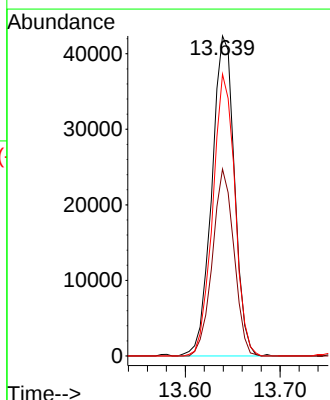
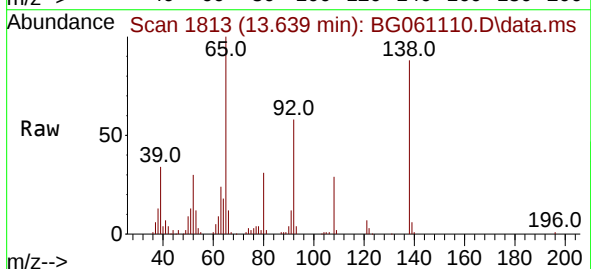
Manual Integrations
APPROVED

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



#48
2-Nitroaniline
Concen: 44.121 ng
RT: 13.639 min Scan# 1813
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

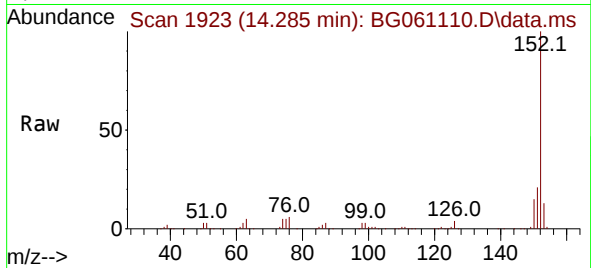
Tgt Ion: 65 Resp: 70361
Ion Ratio Lower Upper
65 100
92 58.4 46.7 70.1
138 88.1 71.4 107.2





#49
Acenaphthylene
Concen: 48.106 ng
RT: 14.285 min Scan# 1926
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

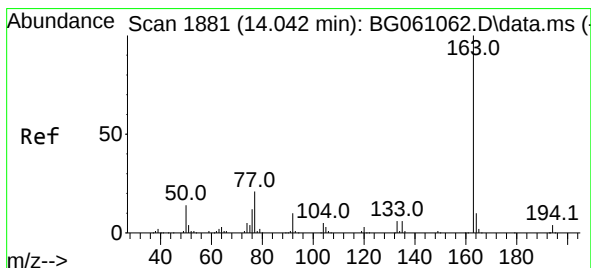
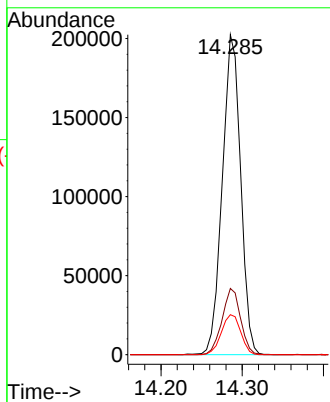
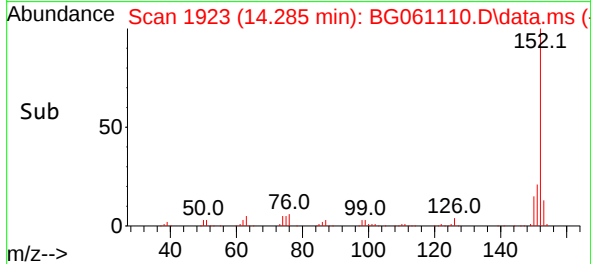
Instrument :
BNA_G
ClientSampleId :
V359MSD



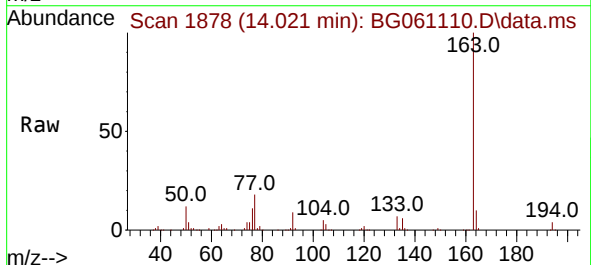
Tgt Ion:152 Resp: 31752
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 12.5 10.6 15.8

Manual Integrations
APPROVED

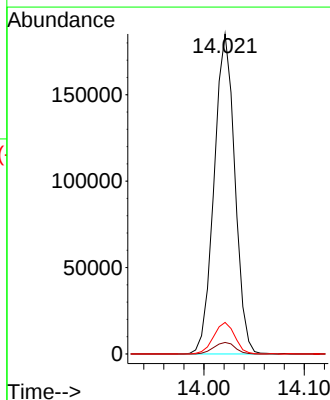
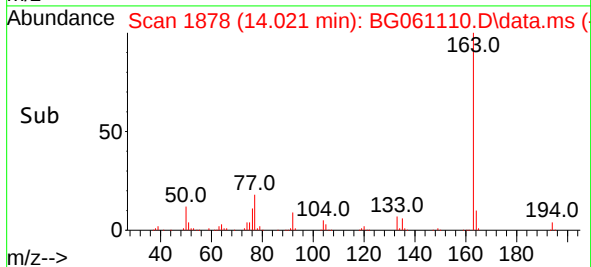
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

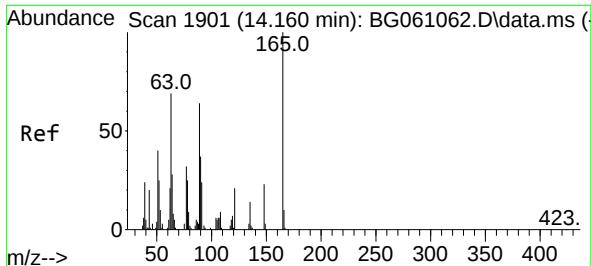


#50
Dimethylphthalate
Concen: 41.081 ng
RT: 14.021 min Scan# 1878
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



Tgt Ion:163 Resp: 265596
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.9 7.8 11.8





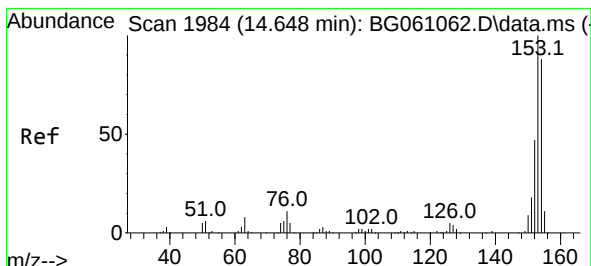
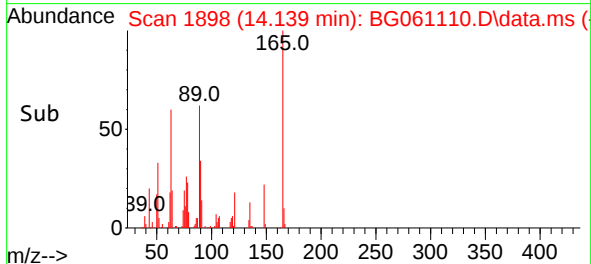
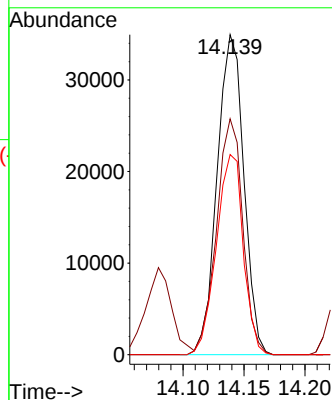
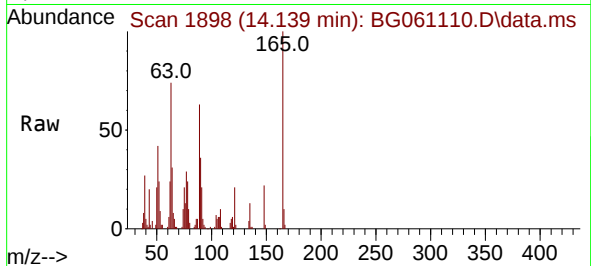
#51
2,6-Dinitrotoluene
Concen: 38.522 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :
BNA_G
ClientSampleId :
V359MSD

Tgt Ion:165 Resp: 5327
Ion Ratio Lower Upper
165 100
63 73.7 60.0 90.0
89 62.5 50.9 76.3

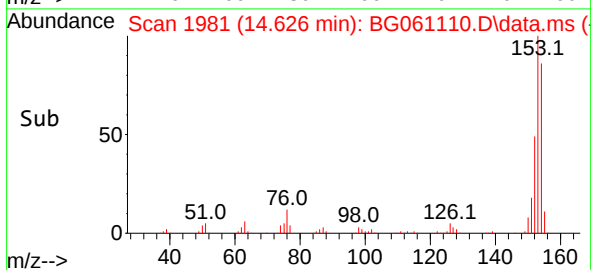
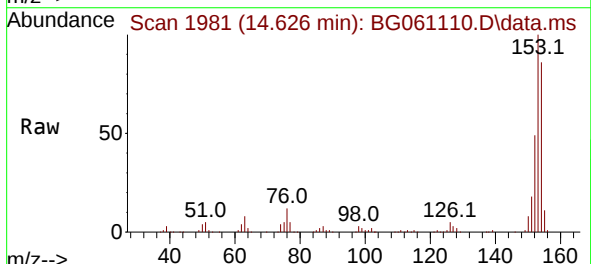
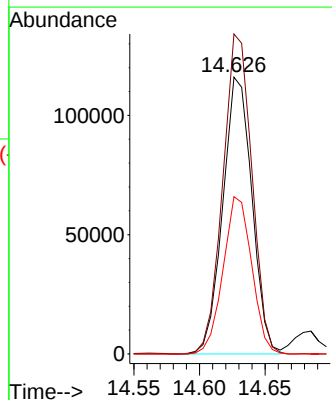
Manual Integrations
APPROVED

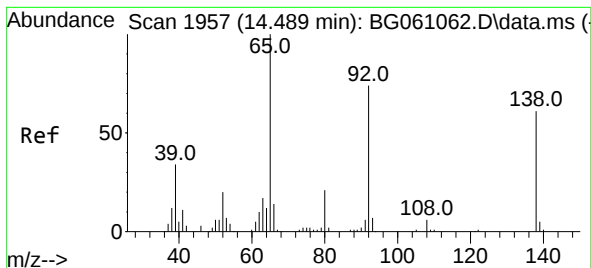
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#52
Acenaphthene
Concen: 43.581 ng
RT: 14.626 min Scan# 1981
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:154 Resp: 179451
Ion Ratio Lower Upper
154 100
153 115.6 91.0 136.4
152 56.8 43.1 64.7





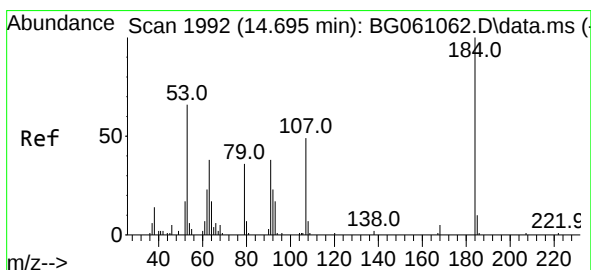
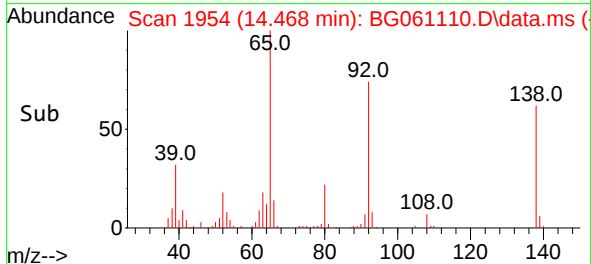
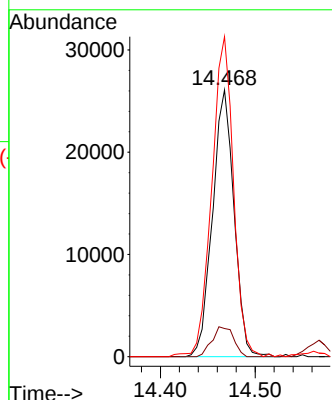
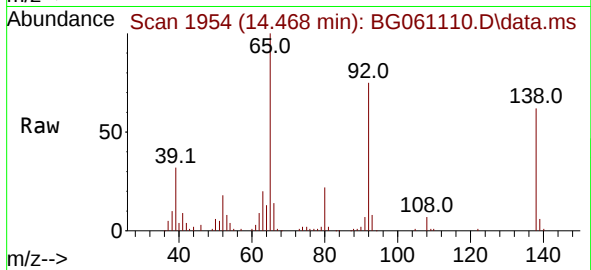
#53
3-Nitroaniline
Concen: 32.480 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :
BNA_G
ClientSampleId :
V359MSD

Tgt Ion:138 Resp: 4109
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 120.0 98.0 147.0

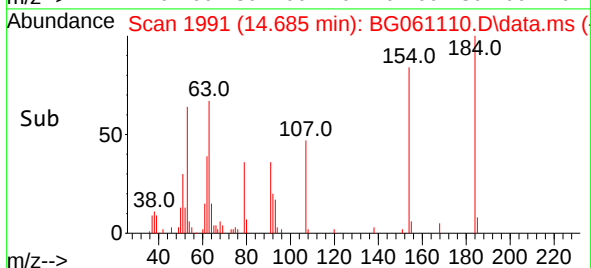
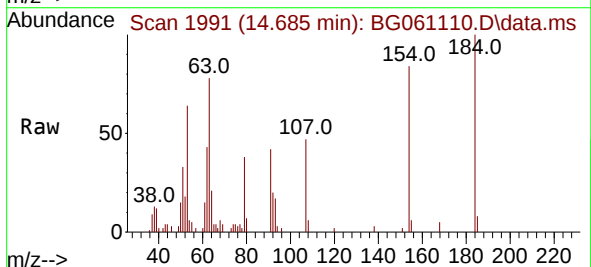
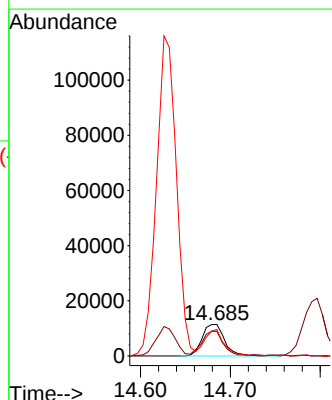
Manual Integrations
APPROVED

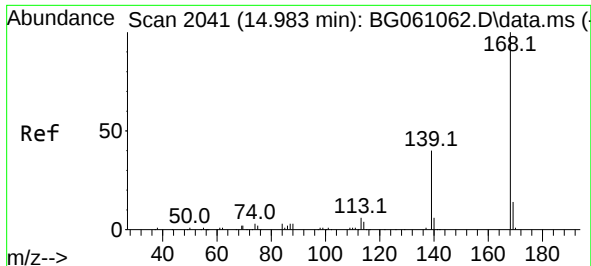
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#54
2,4-Dinitrophenol
Concen: 22.071 ng
RT: 14.685 min Scan# 1991
Delta R.T. -0.010 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

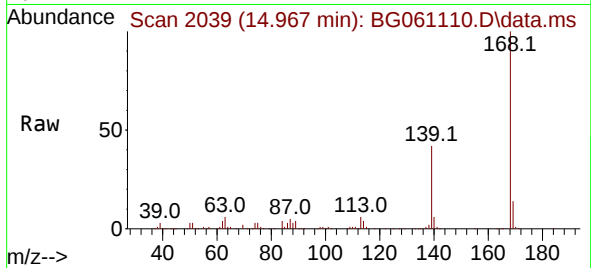
Tgt Ion:184 Resp: 20024
Ion Ratio Lower Upper
184 100
63 78.2 62.6 93.8
154 84.3 61.4 92.0





#55
Dibenzenofuran
Concen: 43.626 ng
RT: 14.967 min Scan# 2039
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

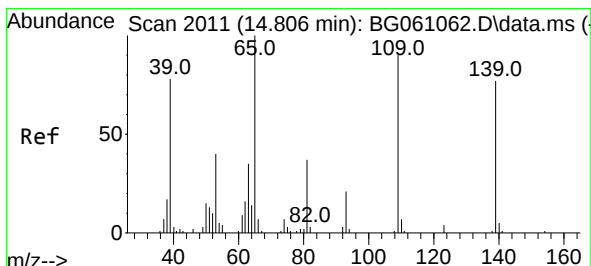
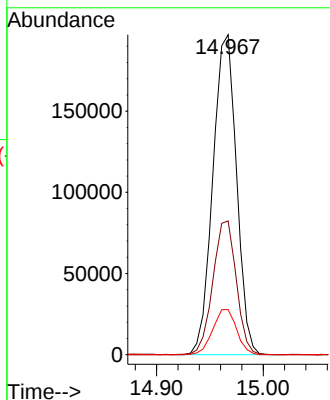
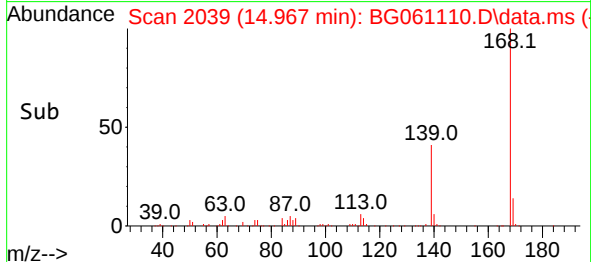
Instrument :
BNA_G
ClientSampleId :
V359MSD



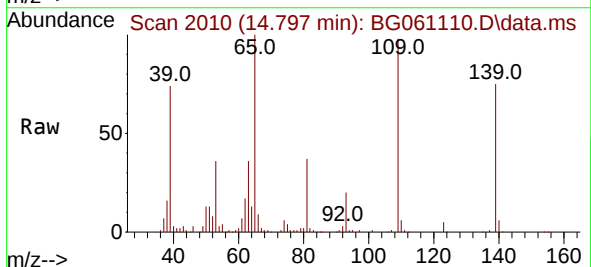
Tgt Ion:168 Resp: 303418
Ion Ratio Lower Upper
168 100
139 41.8 32.2 48.4
169 14.1 11.4 17.2

Manual Integrations
APPROVED

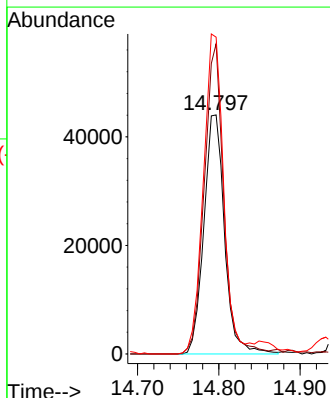
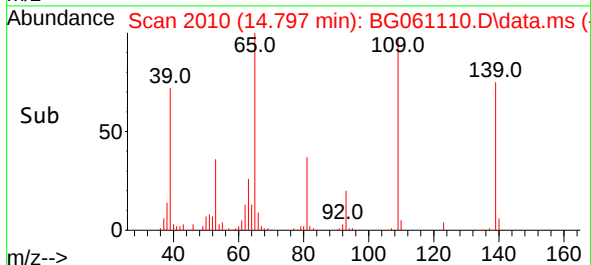
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

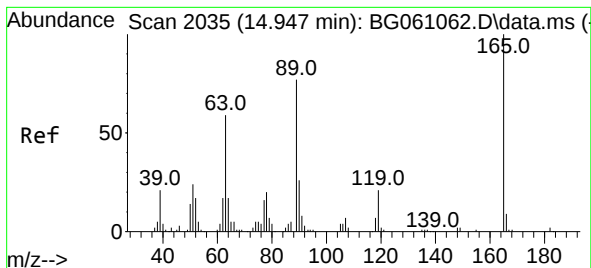


#56
4-Nitrophenol
Concen: 76.208 ng
RT: 14.797 min Scan# 2010
Delta R.T. -0.010 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



Tgt Ion:139 Resp: 77928
Ion Ratio Lower Upper
139 100
109 129.8 97.7 137.7
65 132.5 110.7 150.7





#57
2,4-Dinitrotoluene
Concen: 37.784 ng
RT: 14.932 min Scan# 2035
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

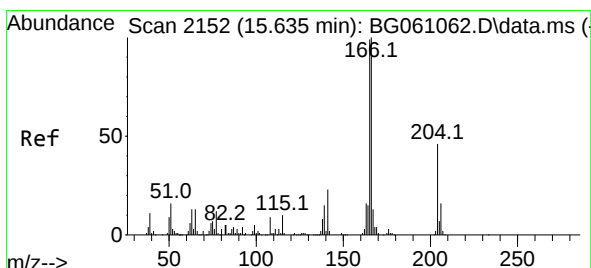
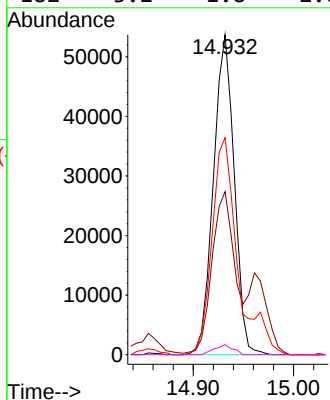
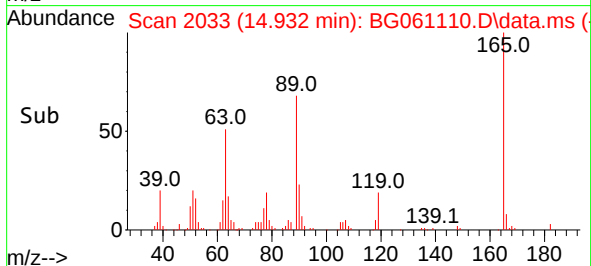
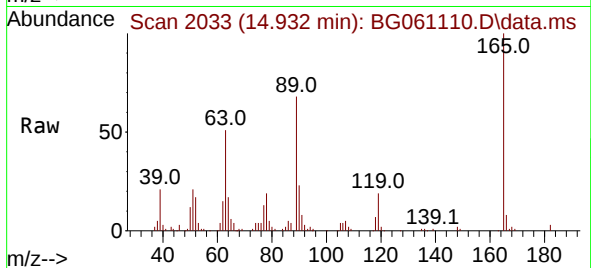
V359MSD

Tgt Ion:165 Resp: 7730
Ion Ratio Lower Upper
165 100
63 51.0 47.3 70.9
89 67.9 61.8 92.8
182 3.2 1.8 2.6#

Manual Integrations

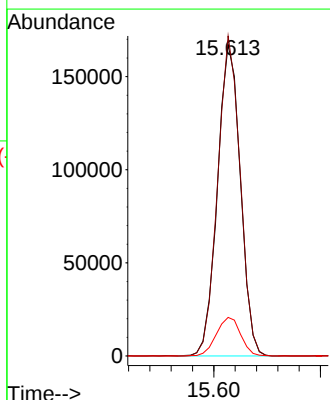
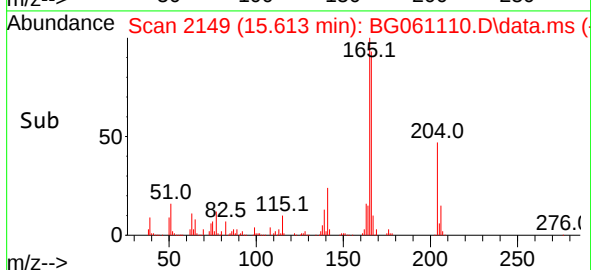
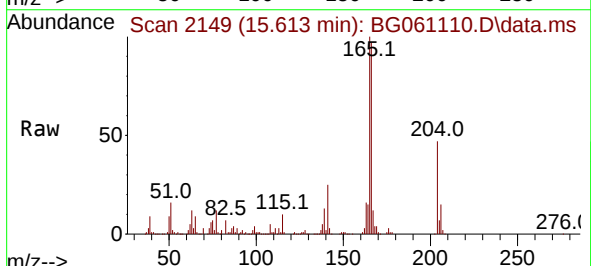
APPROVED

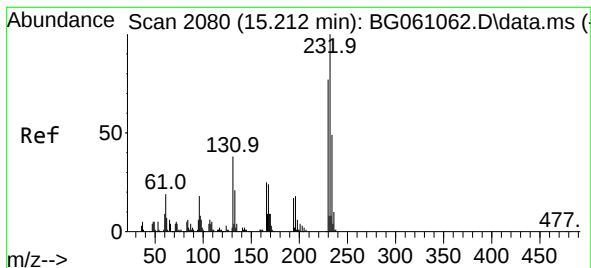
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#58
Fluorene
Concen: 41.505 ng
RT: 15.613 min Scan# 2149
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

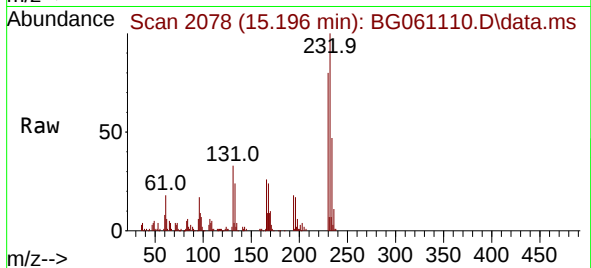
Tgt Ion:166 Resp: 249788
Ion Ratio Lower Upper
166 100
165 102.8 78.9 118.3
167 12.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.519 ng
RT: 15.196 min Scan# 2080
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

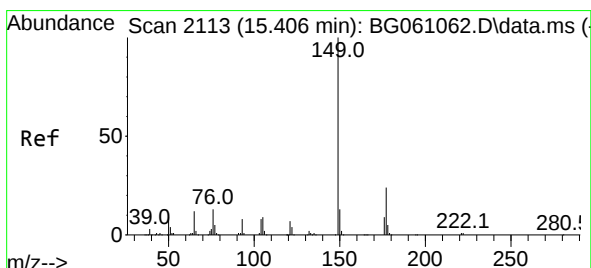
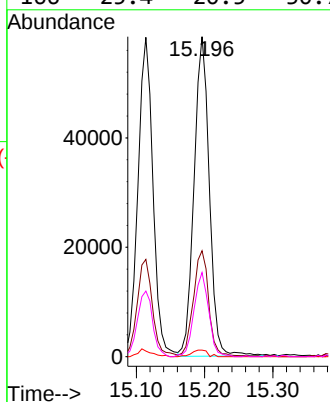
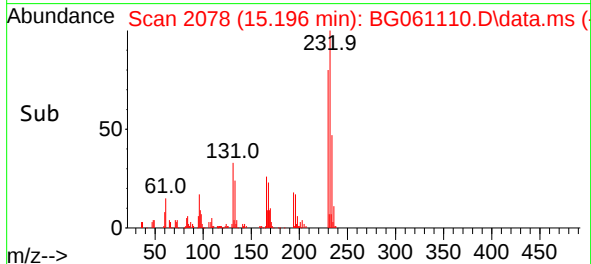
Instrument :
BNA_G
ClientSampleId :
V359MSD



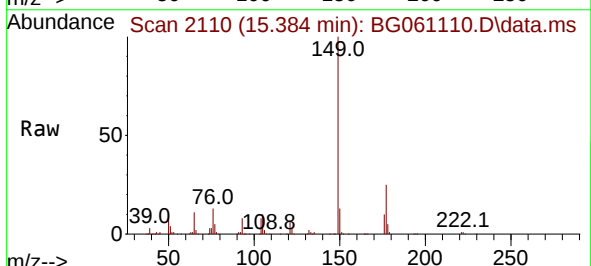
Tgt Ion:232 Resp: 90928
Ion Ratio Lower Upper
232 100
131 33.8 27.0 40.4
130 2.2 1.7 2.5
166 25.4 20.5 30.7

Manual Integrations
APPROVED

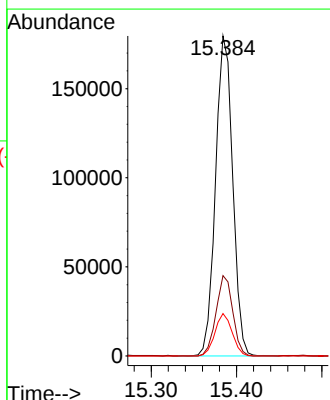
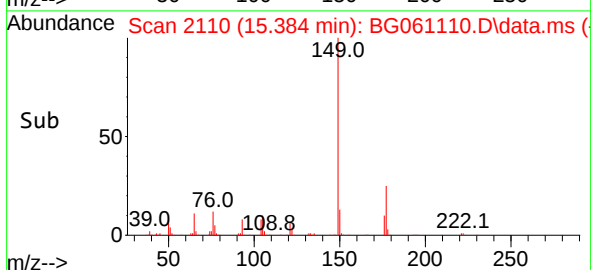
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

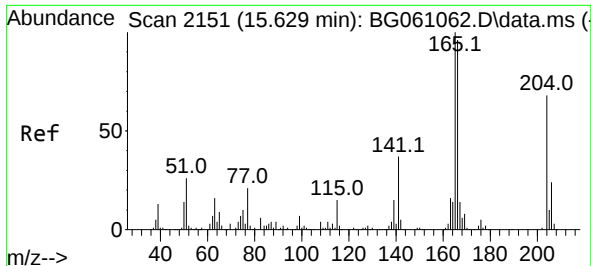


#60
Diethylphthalate
Concen: 38.586 ng
RT: 15.384 min Scan# 2110
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



Tgt Ion:149 Resp: 251566
Ion Ratio Lower Upper
149 100
177 25.1 19.1 28.7
150 13.3 10.6 16.0





#61
4-Chlorophenyl-phenylether
Concen: 41.398 ng
RT: 15.607 min Scan# 2151
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

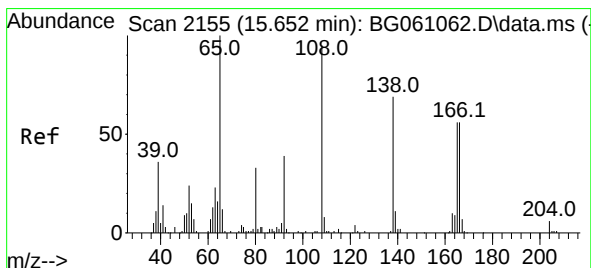
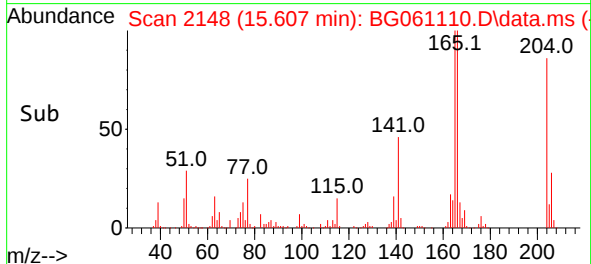
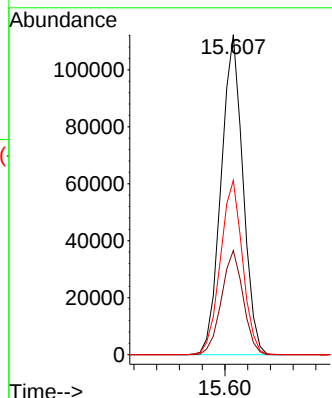
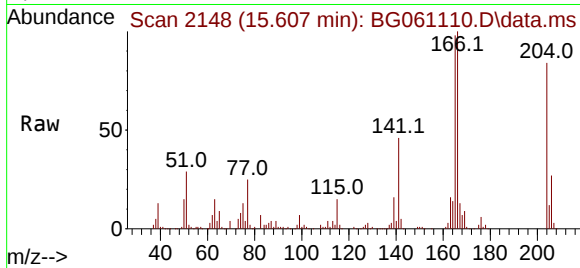
V359MSD

Tgt Ion:204 Resp: 149600
Ion Ratio Lower Upper
204 100
206 32.5 27.8 41.6
141 54.5 42.9 64.3

Manual Integrations

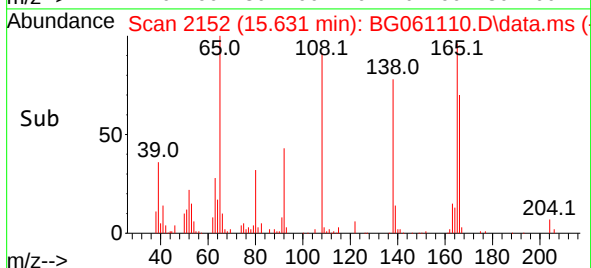
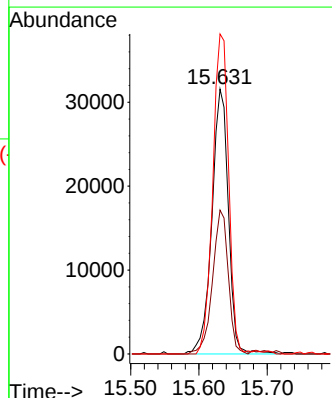
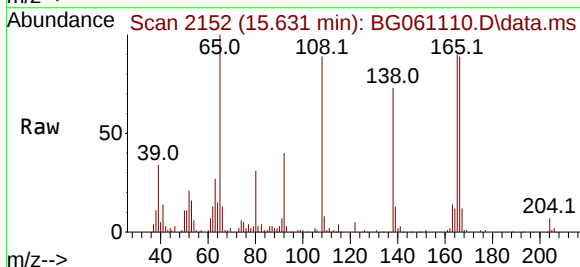
APPROVED

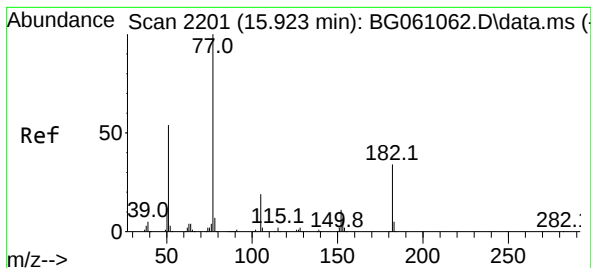
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#62
4-Nitroaniline
Concen: 38.808 ng
RT: 15.631 min Scan# 2152
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:138 Resp: 53258
Ion Ratio Lower Upper
138 100
92 54.3 35.5 75.5
108 120.8 116.2 156.2





#63

Azobenzene

Concen: 41.556 ng

RT: 15.901 min Scan# 21090

Delta R.T. -0.021 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD

Tgt Ion: 77 Resp: 21090

Ion Ratio Lower Upper

77 100

182 32.2 13.5 53.5

105 18.8 0.0 39.3

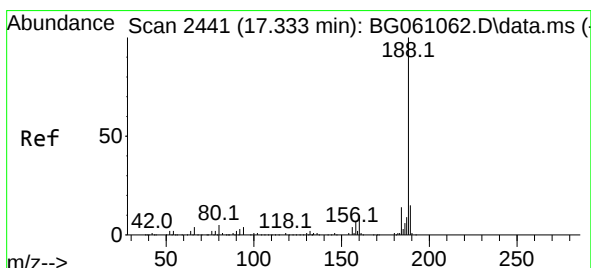
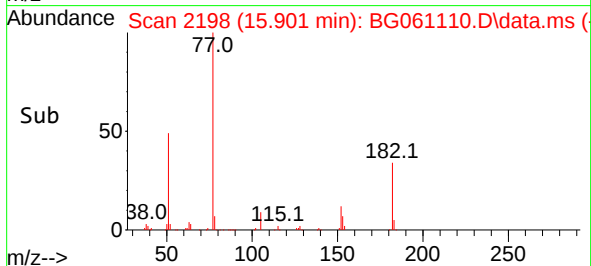
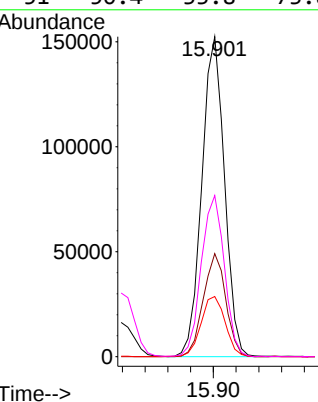
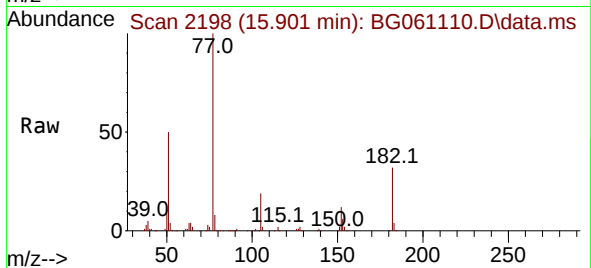
51 50.4 33.8 73.8

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: BG061110.D

Acq: 3 May 2024 17:32

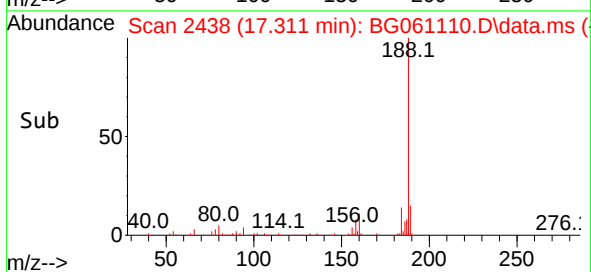
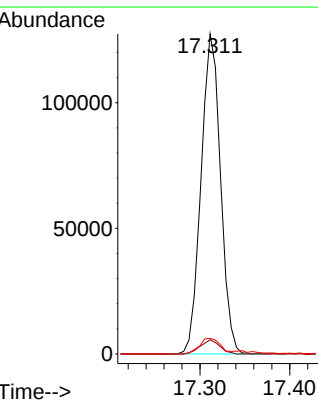
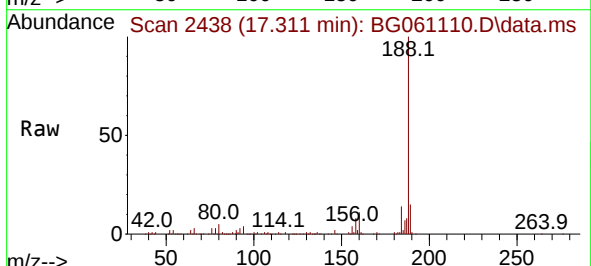
Tgt Ion:188 Resp: 191666

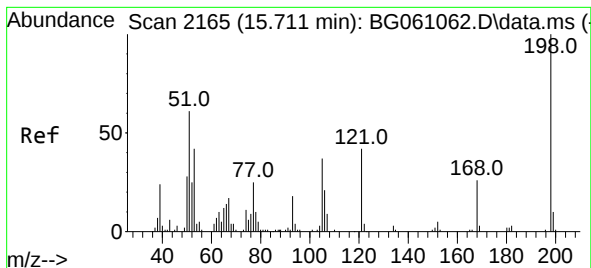
Ion Ratio Lower Upper

188 100

94 4.4 3.6 5.4

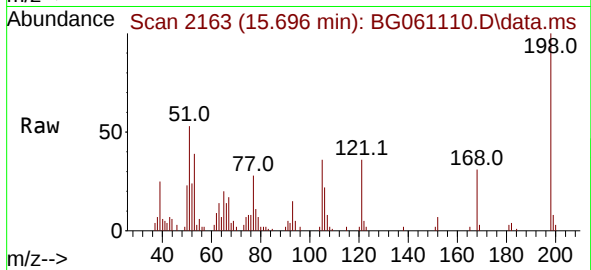
80 4.9 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 14.859 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

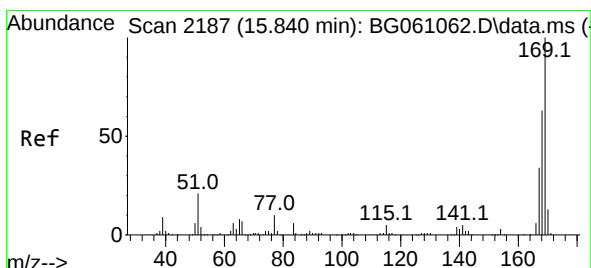
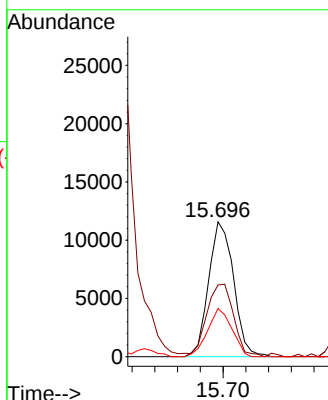
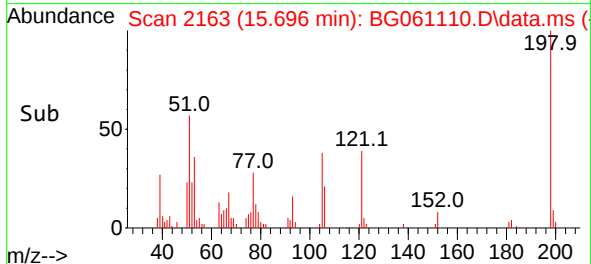
Instrument :
BNA_G
ClientSampleId :
V359MSD



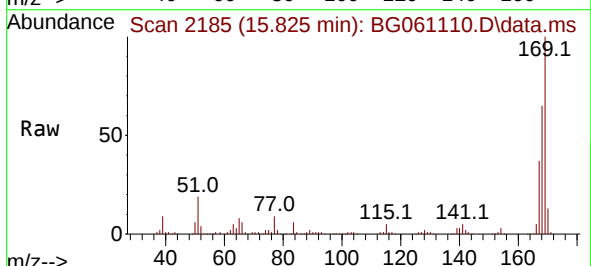
Tgt Ion:198 Resp: 17670
Ion Ratio Lower Upper
198 100
51 53.2 41.2 81.2
105 35.7 16.7 56.7

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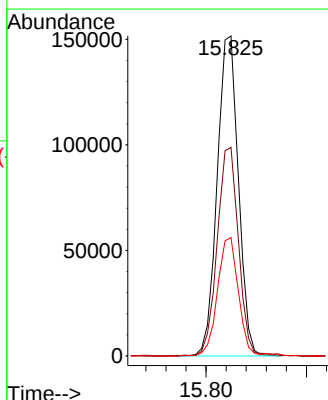
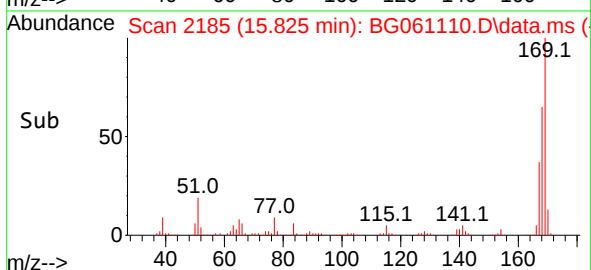
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

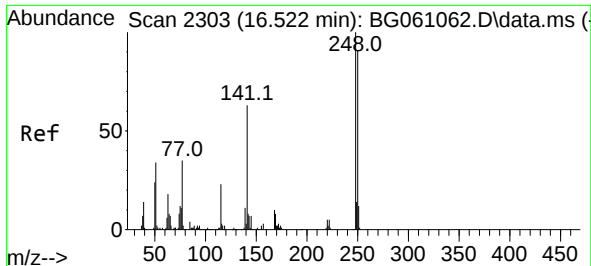


#66
n-Nitrosodiphenylamine
Concen: 46.763 ng
RT: 15.825 min Scan# 2185
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



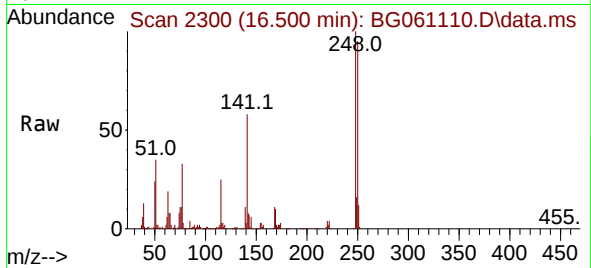
Tgt Ion:169 Resp: 222263
Ion Ratio Lower Upper
169 100
168 65.2 50.6 75.8
167 37.0 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 47.073 ng
RT: 16.500 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

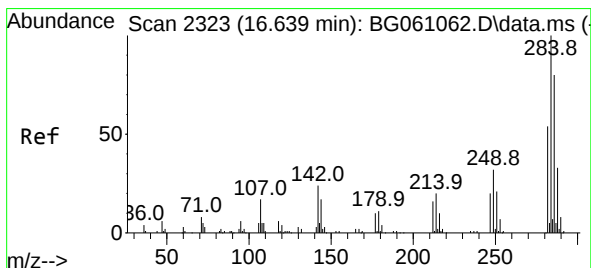
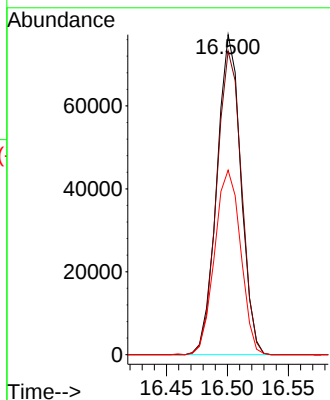
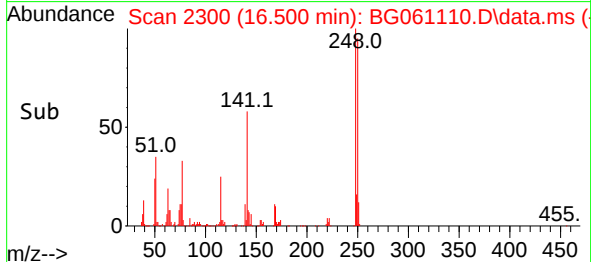
Instrument :
BNA_G
ClientSampleId :
V359MSD



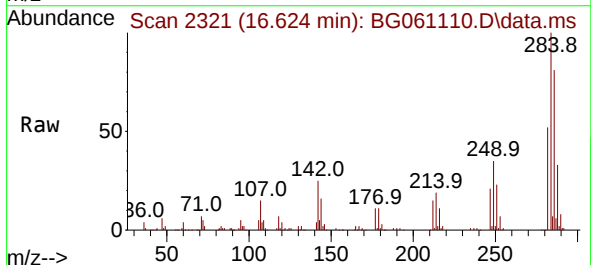
Tgt Ion:248 Resp: 106285
Ion Ratio Lower Upper
248 100
250 94.9 73.0 109.4
141 57.7 50.8 76.2

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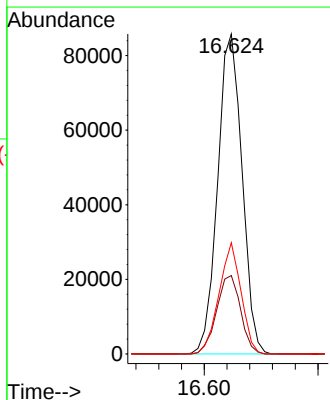
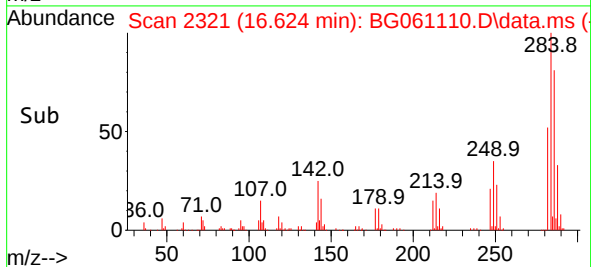
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

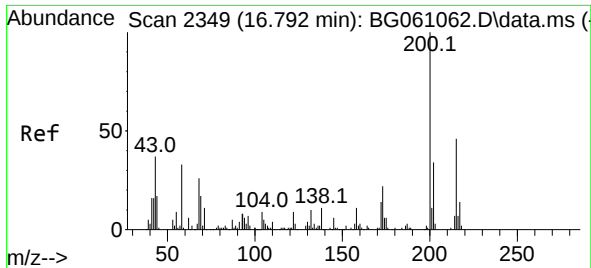


#68
Hexachlorobenzene
Concen: 45.432 ng
RT: 16.624 min Scan# 2321
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



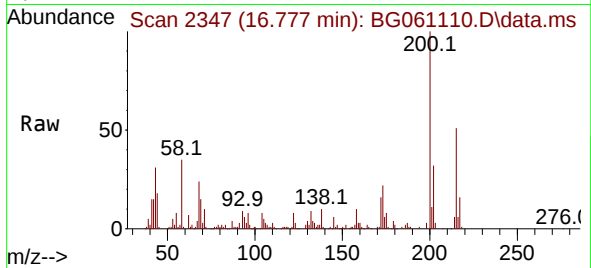
Tgt Ion:284 Resp: 127675
Ion Ratio Lower Upper
284 100
142 24.5 19.2 28.8
249 34.7 25.4 38.2





#69
Atrazine
Concen: 49.306 ng
RT: 16.777 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

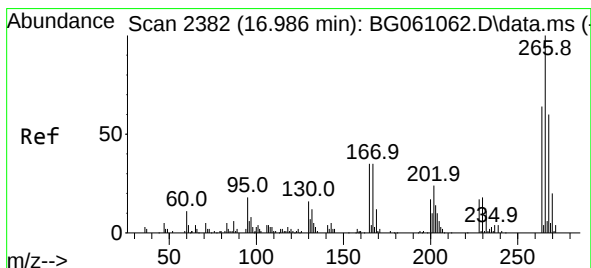
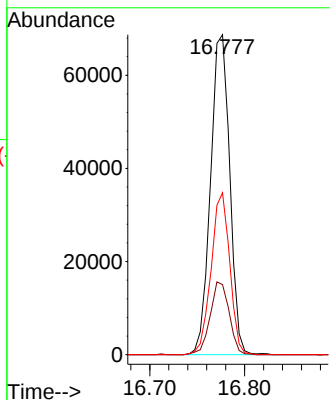
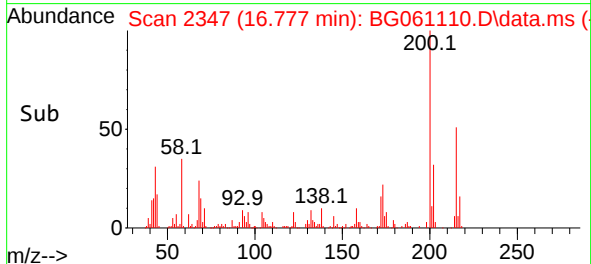
Instrument :
BNA_G
ClientSampleId :
V359MSD



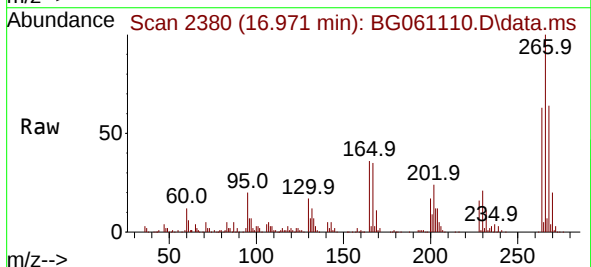
Tgt Ion:200 Resp: 96640
Ion Ratio Lower Upper
200 100
173 21.9 2.0 42.0
215 50.6 26.2 66.2

Manual Integrations
APPROVED

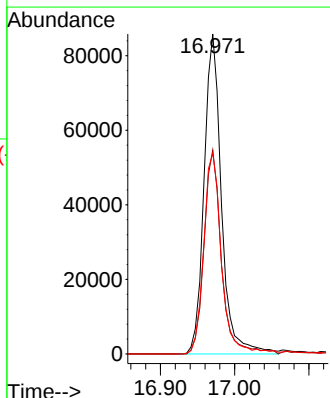
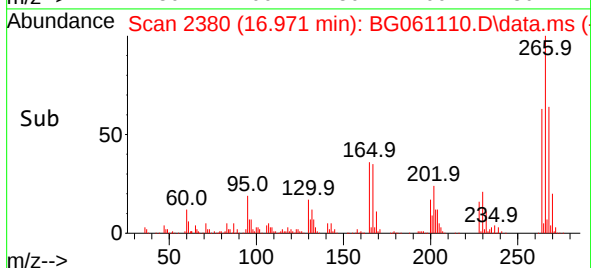
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

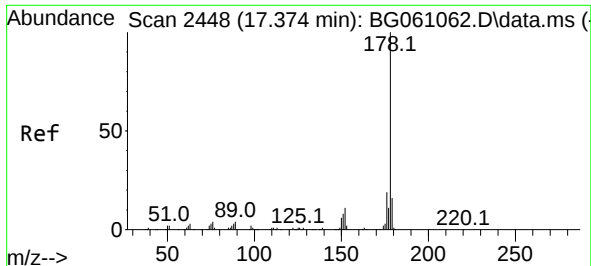


#70
Pentachlorophenol
Concen: 81.159 ng
RT: 16.971 min Scan# 2380
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



Tgt Ion:266 Resp: 140118
Ion Ratio Lower Upper
266 100
268 63.8 47.8 71.8
264 62.7 51.5 77.3





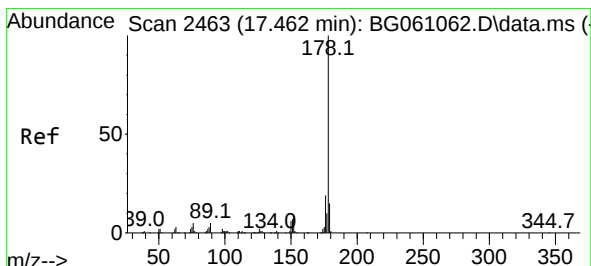
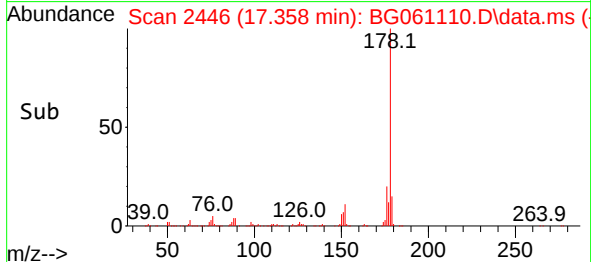
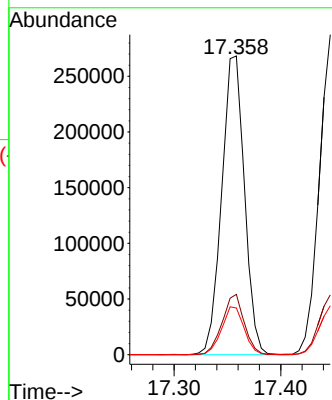
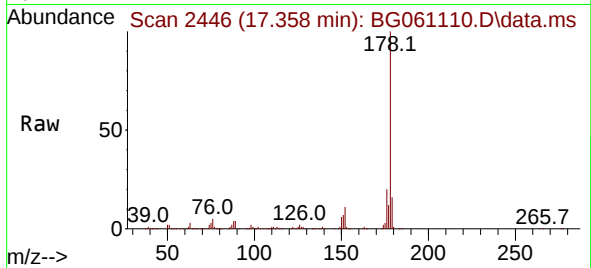
#71
Phenanthrene
Concen: 45.345 ng
RT: 17.358 min Scan# 2446
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :
BNA_G
ClientSampleId :
V359MSD

Tgt Ion:178 Resp: 397397
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 15.7 12.6 19.0

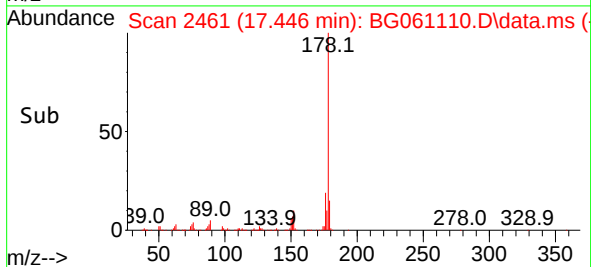
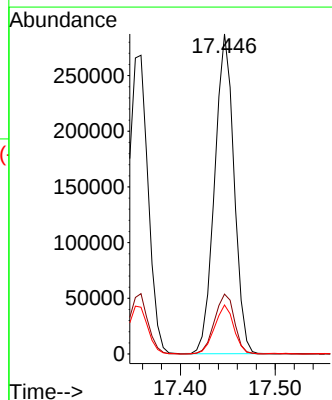
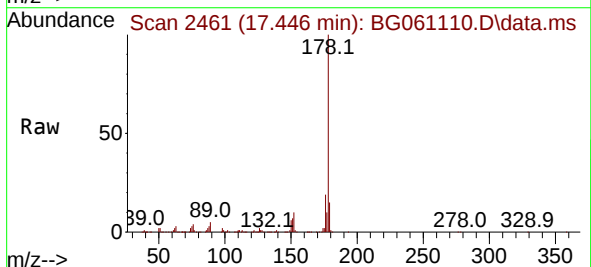
Manual Integrations
APPROVED

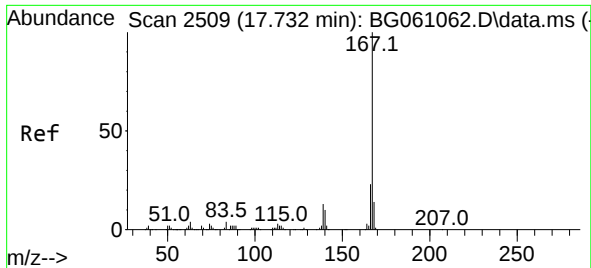
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#72
Anthracene
Concen: 46.641 ng
RT: 17.446 min Scan# 2461
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

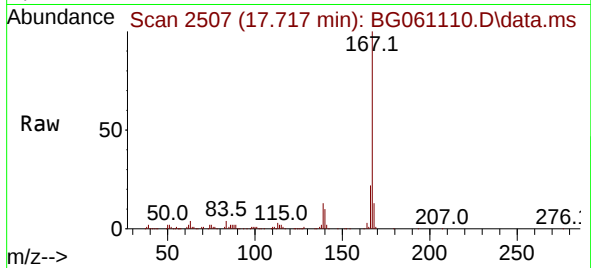
Tgt Ion:178 Resp: 407865
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.3 12.0 18.0





#73
Carbazole
Concen: 44.141 ng
RT: 17.717 min Scan# 2507
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

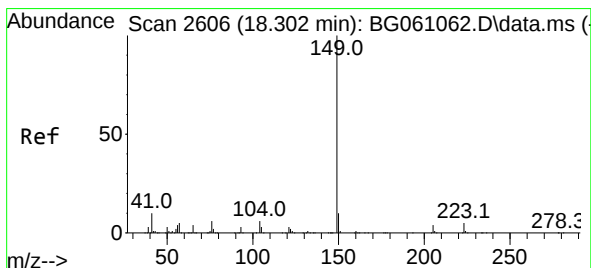
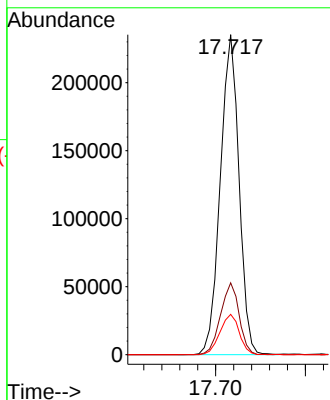
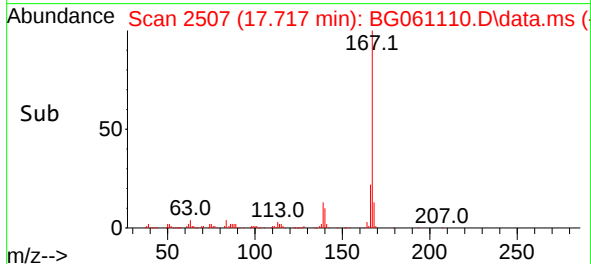
Instrument :
BNA_G
ClientSampleId :
V359MSD



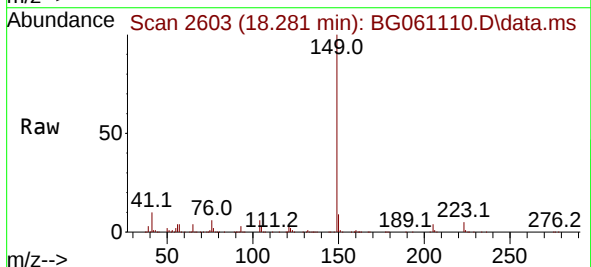
Tgt Ion:167 Resp: 339388
Ion Ratio Lower Upper
167 100
166 22.5 18.7 28.1
139 12.6 10.6 15.8

Manual Integrations
APPROVED

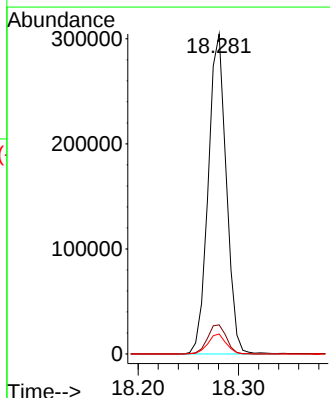
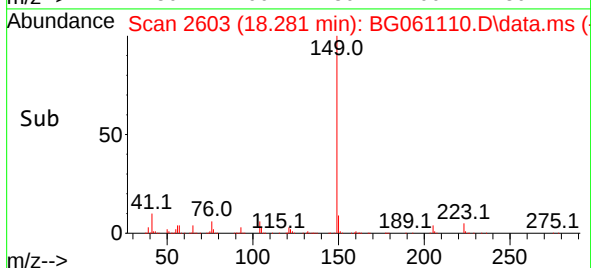
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

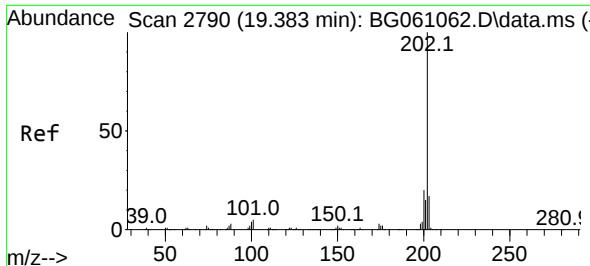


#74
Di-n-butylphthalate
Concen: 41.777 ng
RT: 18.281 min Scan# 2603
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



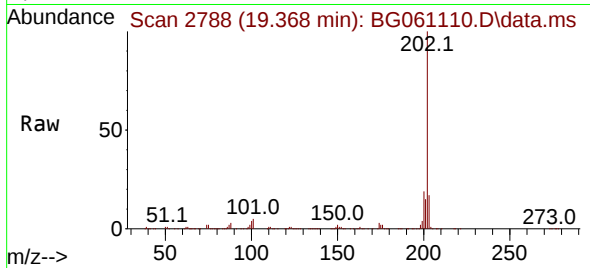
Tgt Ion:149 Resp: 381953
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 6.3 5.0 7.6





#75
Fluoranthene
Concen: 41.904 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

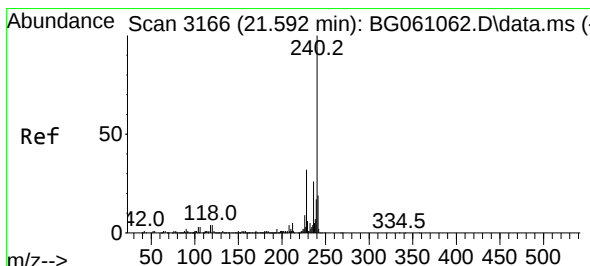
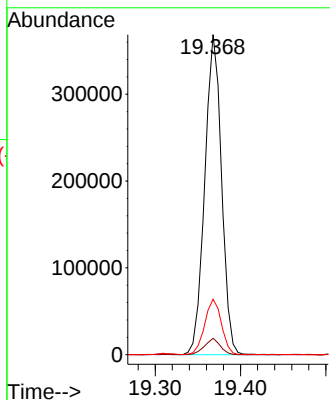
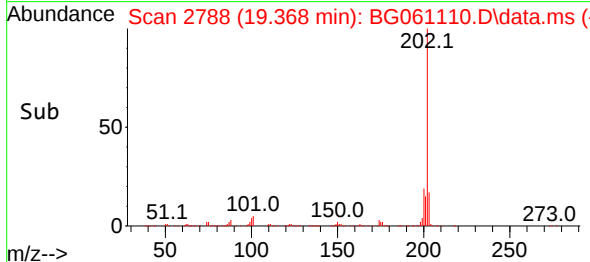
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion:202 Resp: 50310
Ion Ratio Lower Upper
202 100
101 5.1 0.0 24.7
203 17.3 0.0 37.1

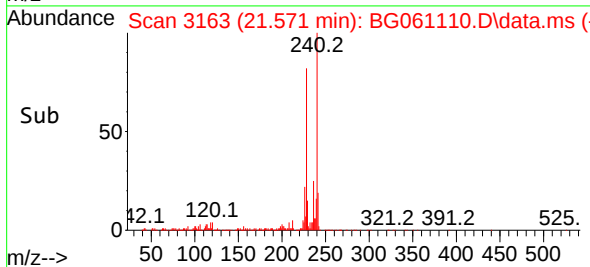
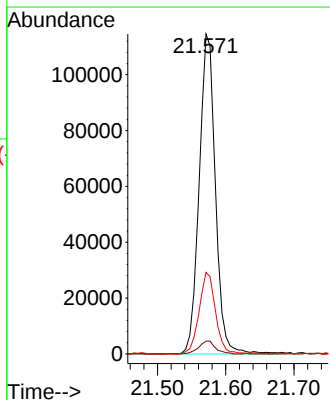
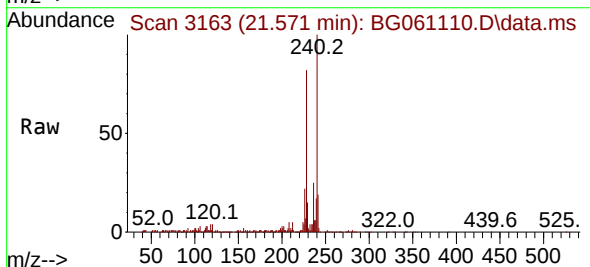
Manual Integrations
APPROVED

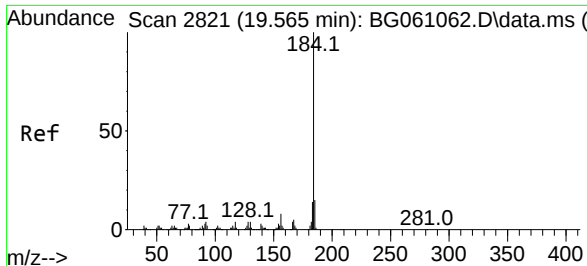
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

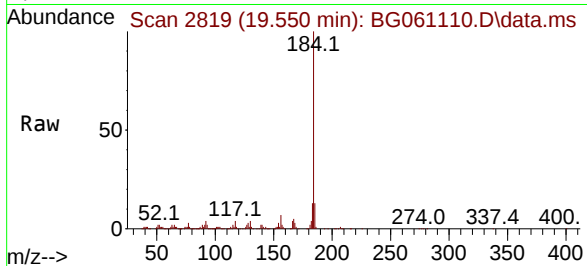
Tgt Ion:240 Resp: 189302
Ion Ratio Lower Upper
240 100
120 4.0 3.2 4.8
236 25.5 21.0 31.6





#77
Benzidine
Concen: 71.383 ng
RT: 19.550 min Scan# 2819
Delta R.T. -0.015 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

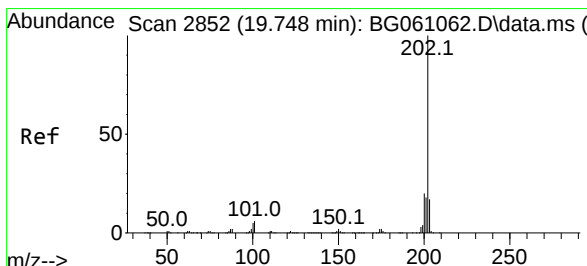
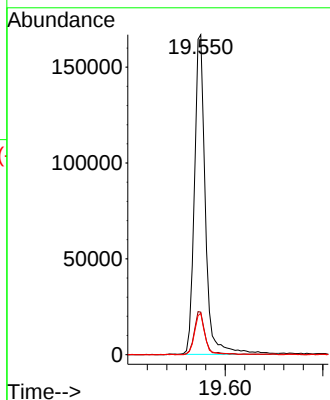
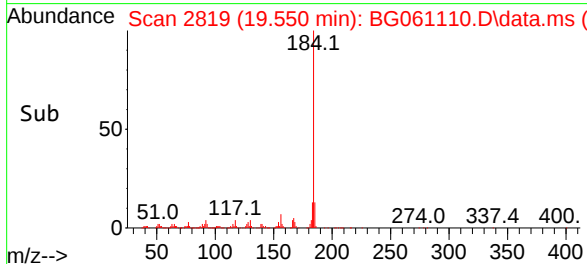
Instrument :
BNA_G
ClientSampleId :
V359MSD



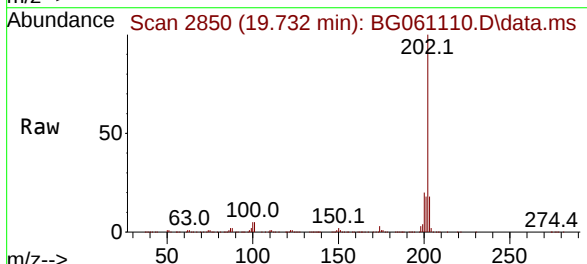
Tgt Ion:184 Resp: 262349
Ion Ratio Lower Upper
184 100
185 13.3 12.0 18.0
183 12.9 10.9 16.3

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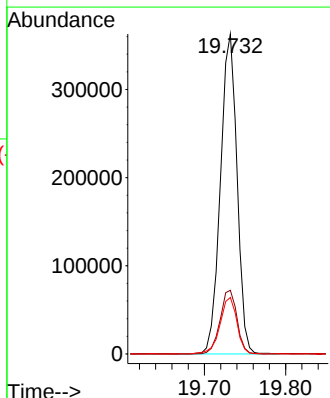
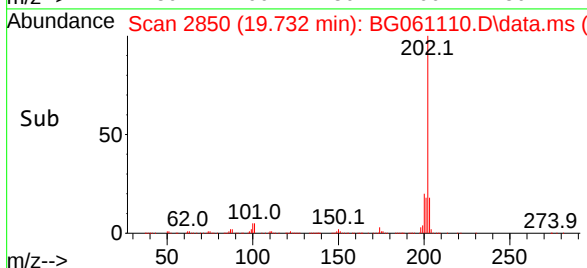
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

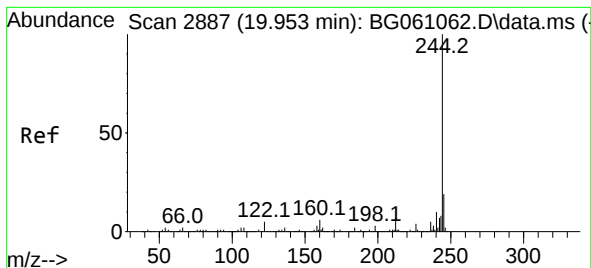


#78
Pyrene
Concen: 42.884 ng
RT: 19.732 min Scan# 2850
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32



Tgt Ion:202 Resp: 516112
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.4
203 17.7 13.3 19.9





#79

Terphenyl-d14

Concen: 21.309 ng

RT: 19.932 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD

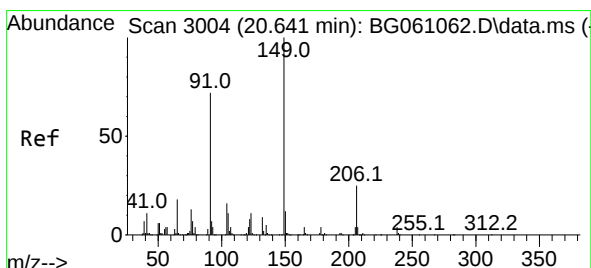
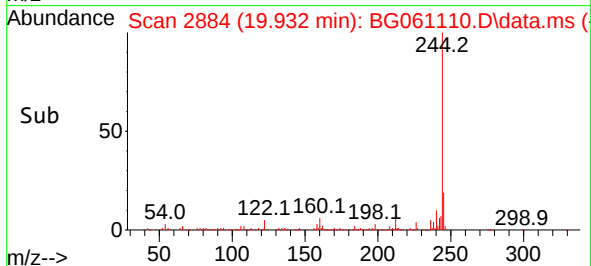
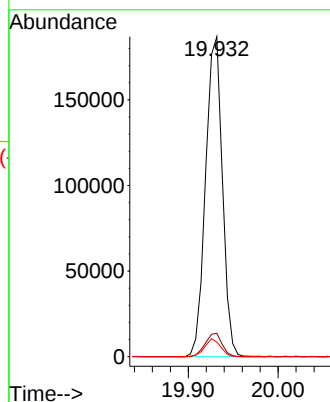
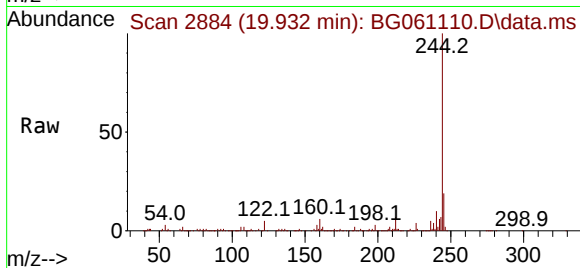
Tgt Ion:	244	Resp:	24254
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.7	8.5
122	4.5	4.2	6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#80

Butylbenzylphthalate

Concen: 43.554 ng

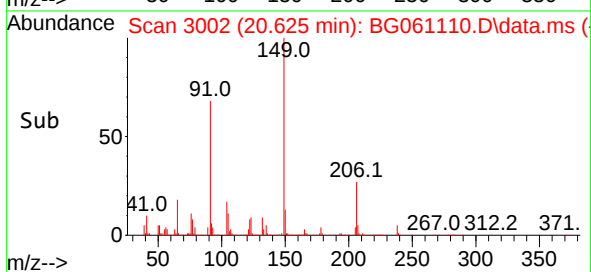
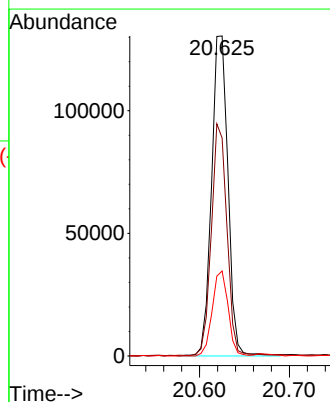
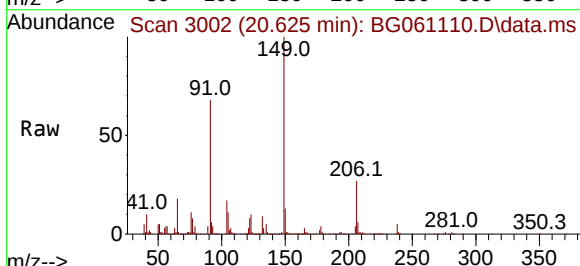
RT: 20.625 min Scan# 3002

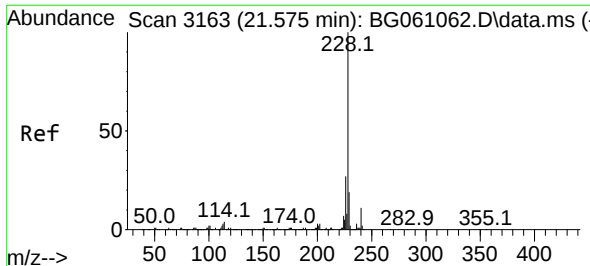
Delta R.T. -0.016 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

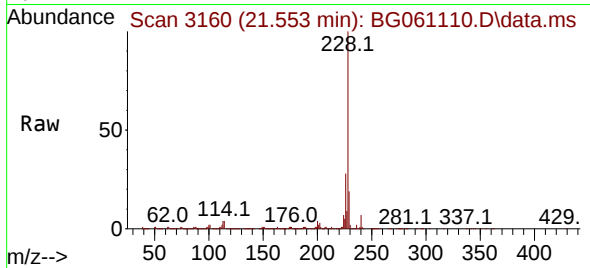
Tgt Ion:	149	Resp:	165926
Ion Ratio	Lower	Upper	
149	100		
91	68.1	57.4	86.2
206	26.6	19.8	29.6





#81
Benzo(a)anthracene
Concen: 44.477 ng
RT: 21.553 min Scan# 3160
Delta R.T. -0.021 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

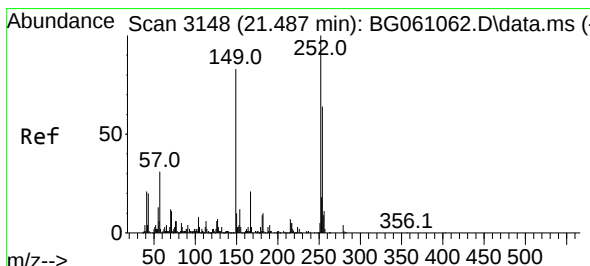
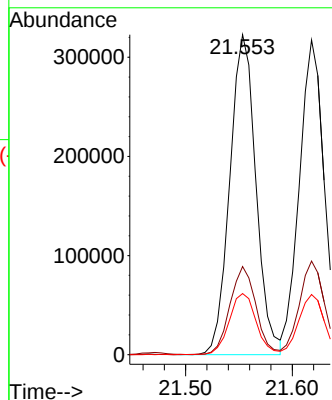
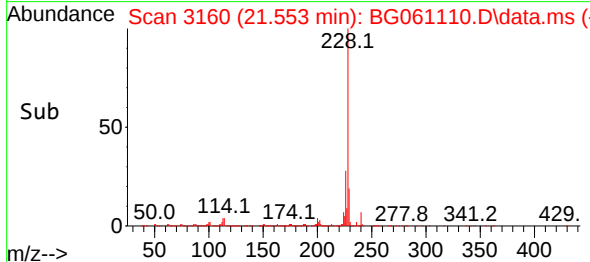
Instrument :
BNA_G
ClientSampleId :
V359MSD



Tgt Ion:228 Resp: 550950
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 19.1 15.0 22.4

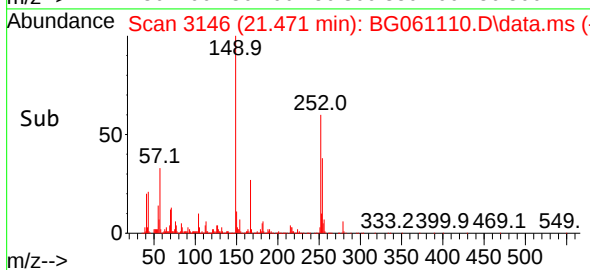
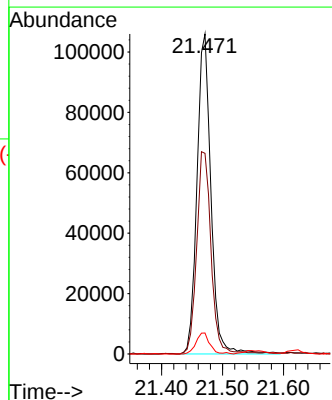
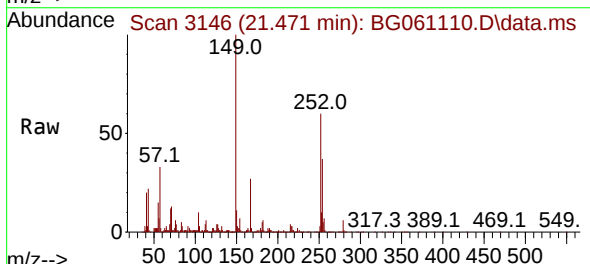
Manual Integrations
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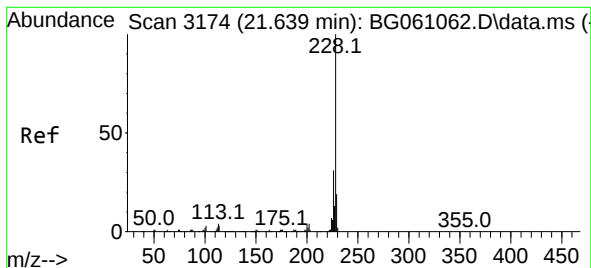
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#82
3,3'-Dichlorobenzidine
Concen: 37.827 ng
RT: 21.471 min Scan# 3146
Delta R.T. -0.016 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:252 Resp: 168632
Ion Ratio Lower Upper
252 100
254 62.7 51.3 76.9
126 6.6 5.2 7.8





#83

Chrysene

Concen: 45.373 ng

RT: 21.618 min Scan# 3171

Delta R.T. -0.021 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD

Tgt Ion:228 Resp: 526580

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

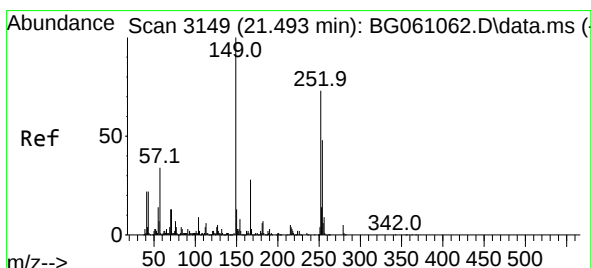
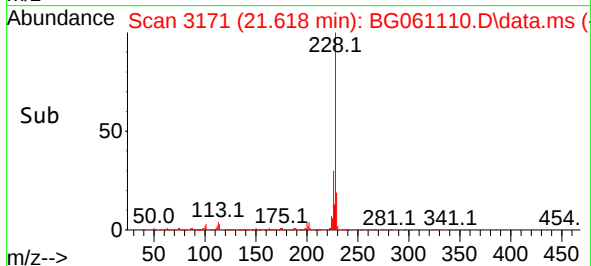
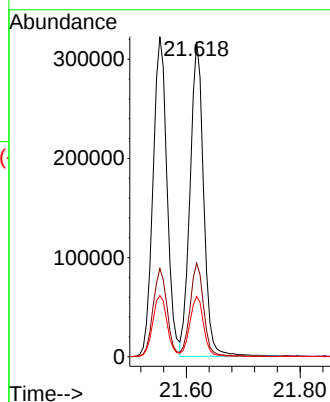
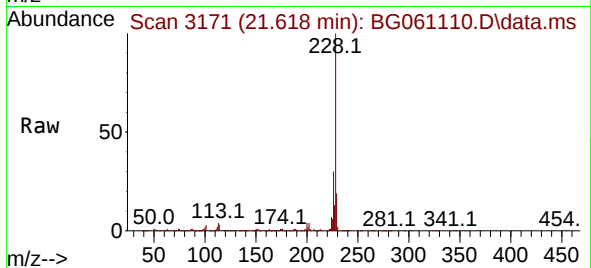
229 19.1 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.888 ng

RT: 21.471 min Scan# 3146

Delta R.T. -0.021 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

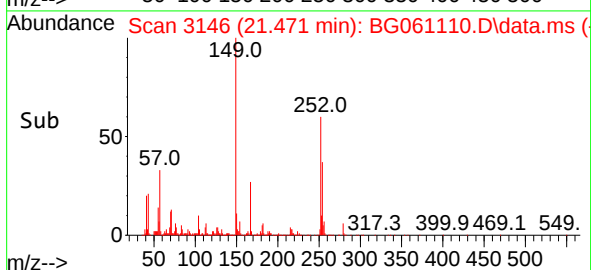
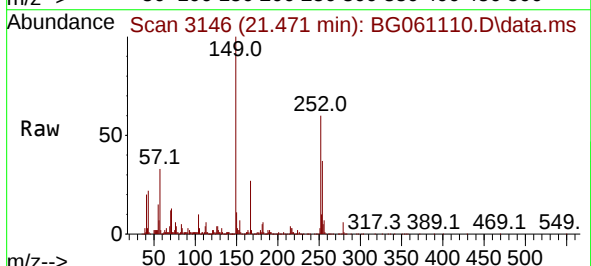
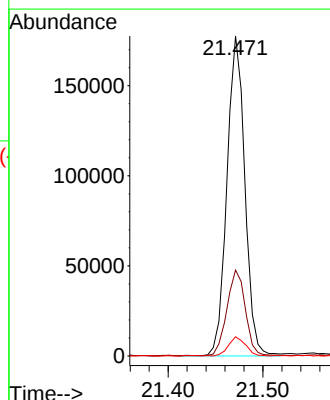
Tgt Ion:149 Resp: 233255

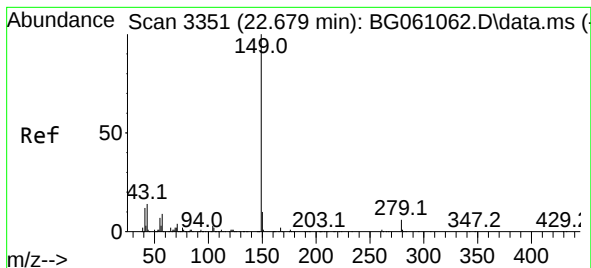
Ion Ratio Lower Upper

149 100

167 26.9 22.1 33.1

279 6.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 46.715 ng

RT: 22.652 min Scan# 31

Delta R.T. -0.027 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD

Tgt Ion:149 Resp: 41001

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

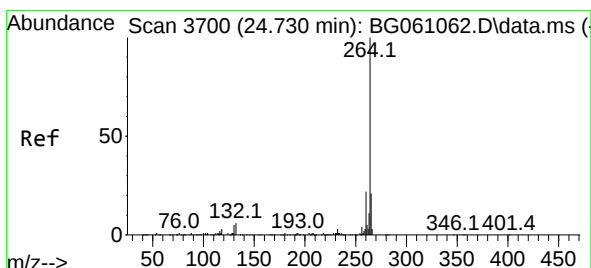
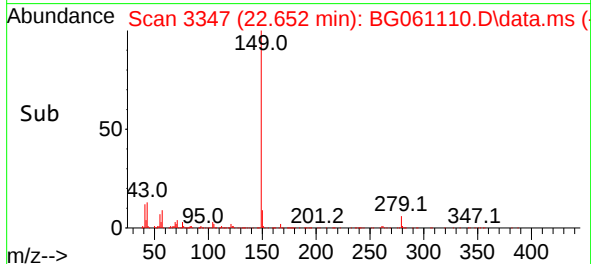
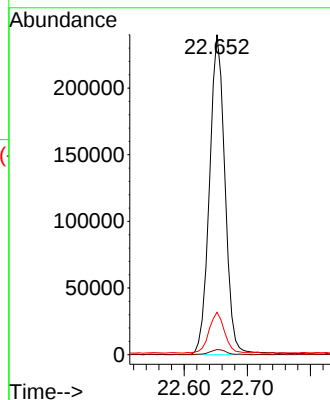
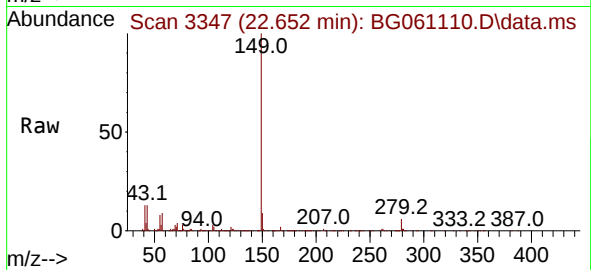
43 12.7 10.6 15.8

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: BG061110.D

Acq: 3 May 2024 17:32

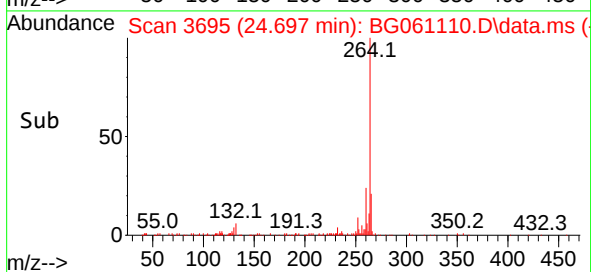
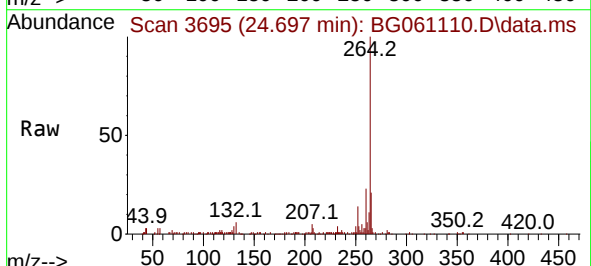
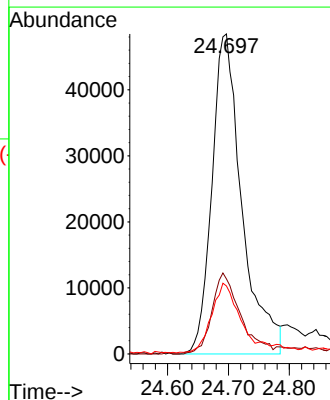
Tgt Ion:264 Resp: 165890

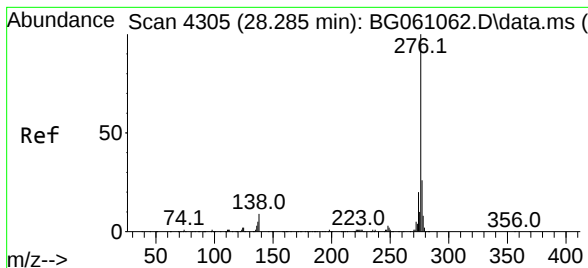
Ion Ratio Lower Upper

264 100

260 23.5 17.7 26.5

265 21.2 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.370 ng

RT: 28.240 min Scan# 41

Delta R.T. -0.045 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD

Tgt Ion:276 Resp: 35586

Ion Ratio Lower Upper

276 100

138 0.6 5.1 7.7

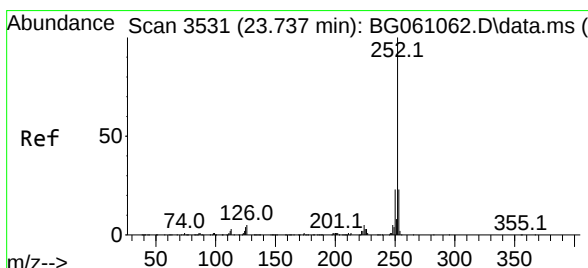
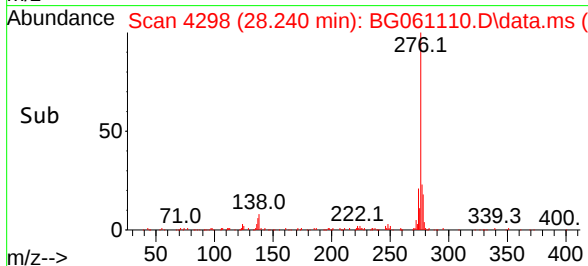
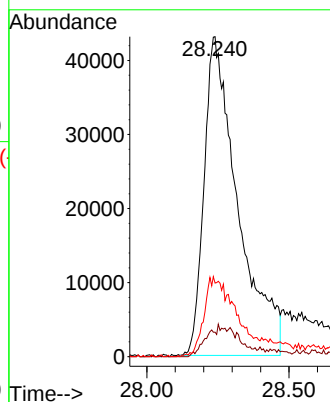
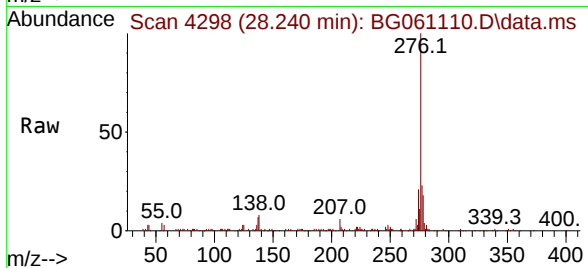
277 0.0 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#88

Benzo(b)fluoranthene

Concen: 45.041 ng

RT: 23.710 min Scan# 3527

Delta R.T. -0.027 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

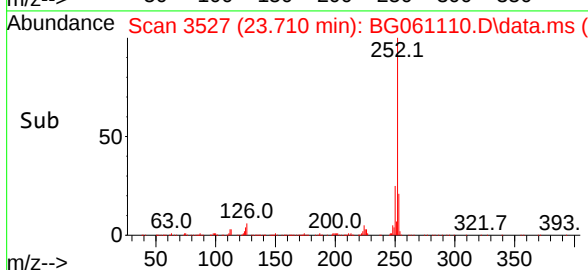
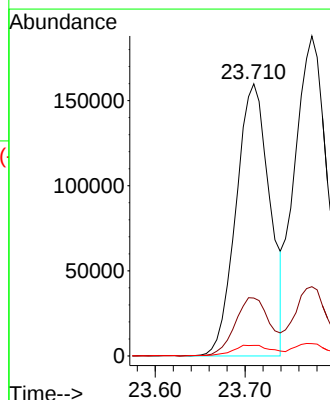
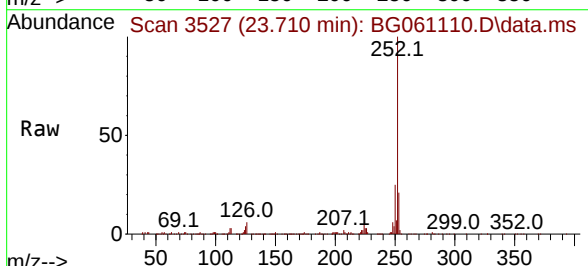
Tgt Ion:252 Resp: 417528

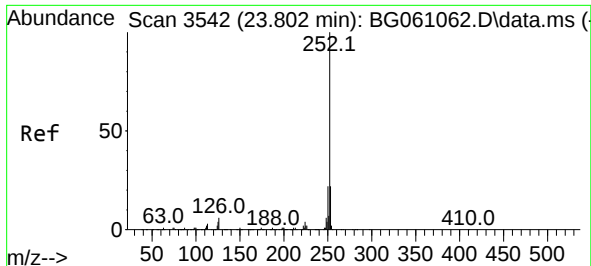
Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.2

125 3.9 3.4 5.0





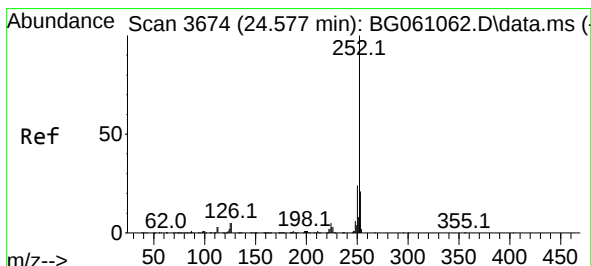
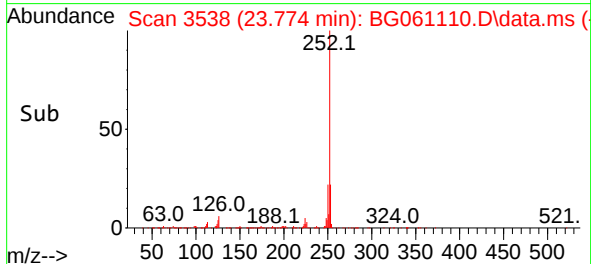
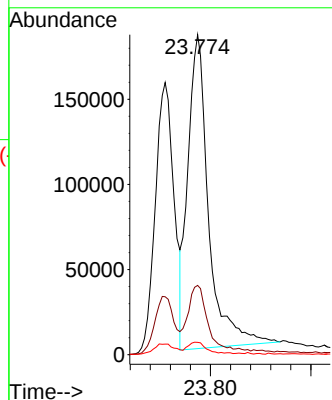
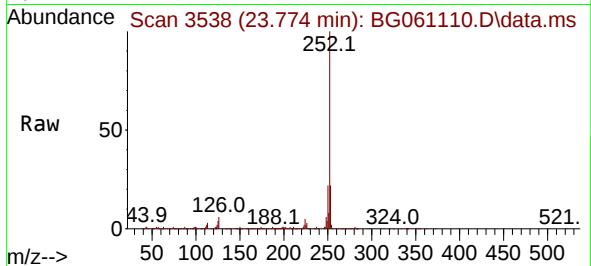
#89
Benzo(k)fluoranthene
Concen: 59.317 ng
RT: 23.774 min Scan# 31
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Instrument :
BNA_G
ClientSampleId :
V359MSD

Tgt Ion:252 Resp: 528990
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 3.8 3.2 4.8

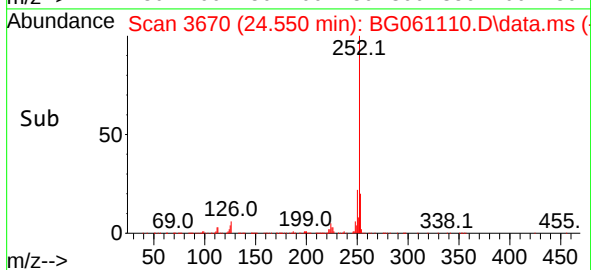
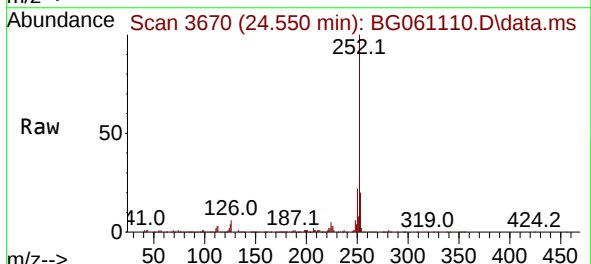
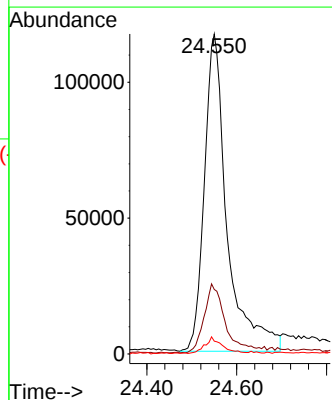
Manual Integrations
APPROVED

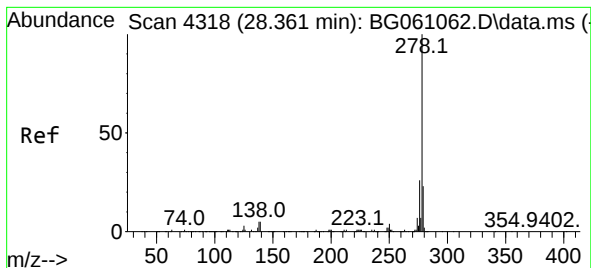
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#90
Benzo(a)pyrene
Concen: 50.860 ng
RT: 24.550 min Scan# 3670
Delta R.T. -0.027 min
Lab File: BG061110.D
Acq: 3 May 2024 17:32

Tgt Ion:252 Resp: 410749
Ion Ratio Lower Upper
252 100
253 20.2 16.9 25.3
125 4.0 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 33.890 ng

RT: 28.298 min Scan# 41

Delta R.T. -0.063 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

Instrument :

BNA_G

ClientSampleId :

V359MSD

Tgt Ion:278 Resp: 308540

Ion Ratio Lower Upper

278 100

139 6.3 4.2 6.2

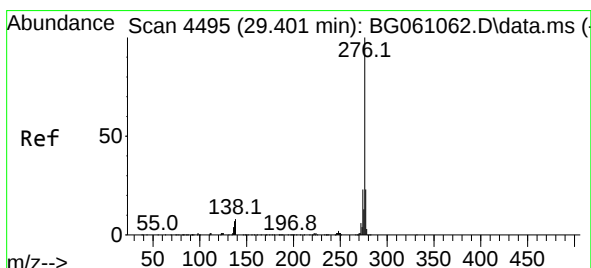
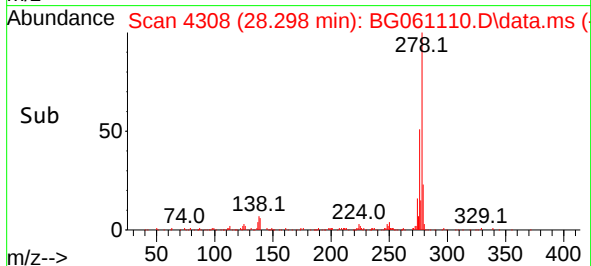
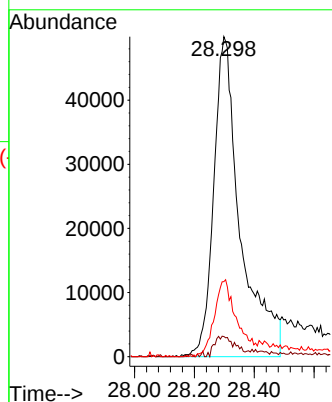
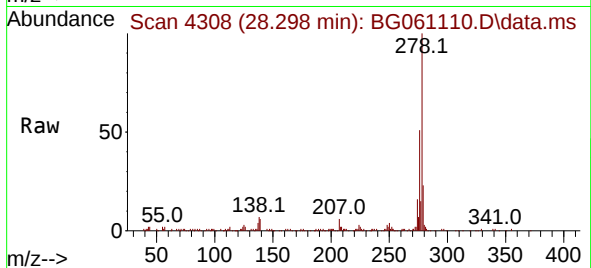
279 23.4 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#92

Benzo(g,h,i)perylene

Concen: 25.011 ng m

RT: 29.338 min Scan# 4485

Delta R.T. -0.063 min

Lab File: BG061110.D

Acq: 3 May 2024 17:32

Tgt Ion:276 Resp: 226289

Ion Ratio Lower Upper

276 100

277 26.4 18.2 27.4

138 8.5 6.2 9.2

