

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061109.D
 Acq On : 3 May 2024 16:50
 Operator : MA/JU
 Sample : P2354-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V359MS

Manual Integrations
 APPROVED

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

Quant Time: May 03 17:46:48 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	7.932	152	27291	20.000	ng	-0.03
21) Naphthalene-d8	10.729	136	107435	20.000	ng	-0.03
39) Acenaphthene-d10	14.565	164	83786	20.000	ng	-0.02
64) Phenanthrene-d10	17.309	188	191325	20.000	ng	-0.02
76) Chrysene-d12	21.575	240	188689	20.000	ng	-0.02
86) Perylene-d12	24.695	264	171683	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	83199	62.000	ng	-0.02
7) Phenol-d6	7.109	99	142168	71.617	ng	-0.02
23) Nitrobenzene-d5	9.089	82	102266	47.187	ng	-0.03
42) 2,4,6-Tribromophenol	16.058	330	76261	45.536	ng	-0.02
45) 2-Fluorobiphenyl	13.185	172	172430	30.432	ng	-0.02
79) Terphenyl-d14	19.930	244	261161	23.019	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	14980	27.609	ng	100
3) Pyridine	3.825	79	45545	28.526	ng	94
4) n-Nitrosodimethylamine	3.743	42	50840	33.143	ng	99
6) Aniline	7.262	93	49711	25.260	ng	97
8) 2-Chlorophenol	7.503	128	73345	44.551	ng	95
9) Benzaldehyde	7.074	77	32164	28.083	ng	96
10) Phenol	7.139	94	101372	50.215	ng	92
11) bis(2-Chloroethyl)ether	7.356	93	58227	41.751	ng	97
12) 1,3-Dichlorobenzene	7.826	146	83503	43.025	ng	96
13) 1,4-Dichlorobenzene	7.973	146	84651	42.201	ng	94
14) 1,2-Dichlorobenzene	8.284	146	83259	43.022	ng	100
15) Benzyl Alcohol	8.173	79	78592	43.888	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.449	45	130186	43.020	ng	99
17) 2-Methylphenol	8.379	107	62638	43.540	ng	91
18) Hexachloroethane	9.013	117	29073	40.619	ng	# 82
19) n-Nitroso-di-n-propyla...	8.737	70	56425	37.981	ng	93
20) 3+4-Methylphenols	8.708	107	89076	42.916	ng	98
22) Acetophenone	8.755	105	121459	45.396	ng	# 97
24) Nitrobenzene	9.131	77	90884	42.867	ng	96
25) Isophorone	9.659	82	157827	39.396	ng	97
26) 2-Nitrophenol	9.841	139	45031	44.829	ng	94
27) 2,4-Dimethylphenol	9.906	122	58416	50.441	ng	98
28) bis(2-Chloroethoxy)met...	10.135	93	84777	43.118	ng	96
29) 2,4-Dichlorophenol	10.382	162	86682	47.771	ng	97
30) 1,2,4-Trichlorobenzene	10.594	180	102121	46.708	ng	98
31) Naphthalene	10.782	128	257362	46.093	ng	99
32) Benzoic acid	10.065	122	47070m	35.159	ng	
33) 4-Chloroaniline	10.887	127	52629	23.634	ng	93
34) Hexachlorobutadiene	11.064	225	85609	45.634	ng	95
35) Caprolactam	11.669	113	24577	37.610	ng	93
36) 4-Chloro-3-methylphenol	12.027	107	93701	42.824	ng	99
37) 2-Methylnaphthalene	12.391	142	187136	44.725	ng	97
38) 1-Methylnaphthalene	12.609	142	173342	41.152	ng	98
40) 1,2,4,5-Tetrachloroben...	12.756	216	151206	54.076	ng	98
41) Hexachlorocyclopentadiene	12.738	237	44435	41.512	ng	99
43) 2,4,6-Trichlorophenol	13.002	196	90449	50.384	ng	93

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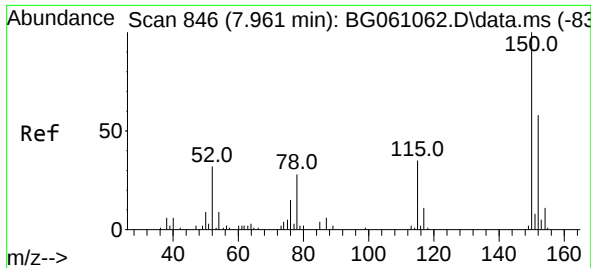
Quant Time: May 03 17:46:48 2024
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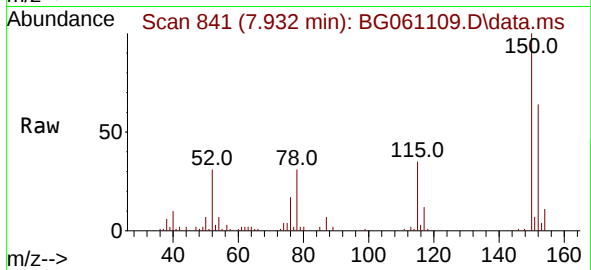
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	97348	47.914	ng	95
46) 1,1'-Biphenyl	13.396	154	265331	49.389	ng	99
47) 2-Chloronaphthalene	13.443	162	205700	47.817	ng	99
48) 2-Nitroaniline	13.643	65	75258	47.145	ng	98
49) Acenaphthylene	14.289	152	337122	51.024	ng	99
50) Dimethylphthalate	14.025	163	283281	43.773	ng	99
51) 2,6-Dinitrotoluene	14.142	165	57162	41.295	ng	96
52) Acenaphthene	14.630	154	189370	45.945	ng	96
53) 3-Nitroaniline	14.471	138	42616	33.647	ng	94
54) 2,4-Dinitrophenol	14.683	184	22663	24.666	ng	98
55) Dibenzofuran	14.965	168	326114	46.843	ng	100
56) 4-Nitrophenol	14.794	139	83938	82.004	ng	94
57) 2,4-Dinitrotoluene	14.930	165	84047	41.039	ng	93
58) Fluorene	15.617	166	265340	44.045	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.194	232	95704	45.759	ng	99
60) Diethylphthalate	15.388	149	269728	41.331	ng	98
61) 4-Chlorophenyl-phenyle...	15.605	204	161718	44.707	ng	96
62) 4-Nitroaniline	15.635	138	55991	40.759	ng	95
63) Azobenzene	15.899	77	226576	44.600	ng	98
65) 4,6-Dinitro-2-methylph...	15.699	198	19898	16.762	ng	96
66) n-Nitrosodiphenylamine	15.823	169	237018	49.956	ng	97
67) 4-Bromophenyl-phenylether	16.504	248	113282	50.262	ng	94
68) Hexachlorobenzene	16.622	284	133697	47.660	ng	97
69) Atrazine	16.775	200	103838	53.069	ng	99
70) Pentachlorophenol	16.968	266	154427	89.606	ng	98
71) Phenanthrene	17.356	178	435961	49.834	ng	99
72) Anthracene	17.444	178	441264	50.550	ng	99
73) Carbazole	17.715	167	364881	47.541	ng	99
74) Di-n-butylphthalate	18.279	149	423893	46.447	ng	99
75) Fluoranthene	19.366	202	544245	45.411	ng	100
77) Benzidine	19.548	184	265581	72.454	ng	96
78) Pyrene	19.730	202	564052	47.020	ng	99
80) Butylbenzylphthalate	20.623	149	181103	47.693	ng	94
81) Benzo(a)anthracene	21.551	228	592252	47.966	ng	99
82) 3,3'-Dichlorobenzidine	21.469	252	176087	39.628	ng	98
83) Chrysene	21.622	228	574327	49.647	ng	98
84) Bis(2-ethylhexyl)phtha...	21.475	149	254437	51.312	ng	# 99
85) Di-n-octyl phthalate	22.656	149	438640	50.139	ng	99
87) Indeno(1,2,3-cd)pyrene	28.243	276	363802	31.975	ng	# 93
88) Benzo(b)fluoranthene	23.713	252	465976	48.571	ng	98
89) Benzo(k)fluoranthene	23.772	252	519804	56.320	ng	98
90) Benzo(a)pyrene	24.548	252	432046	51.692	ng	98
91) Dibenzo(a,h)anthracene	28.296	278	321914	34.165	ng	# 96
92) Benzo(g,h,i)perylene	29.342	276	226821	24.224	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 84
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

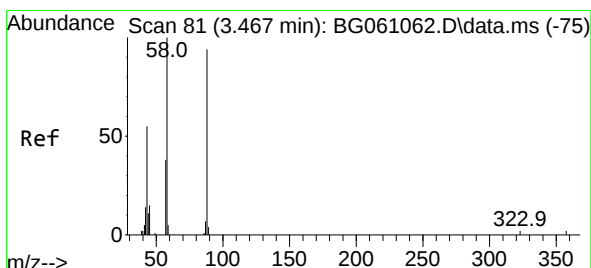
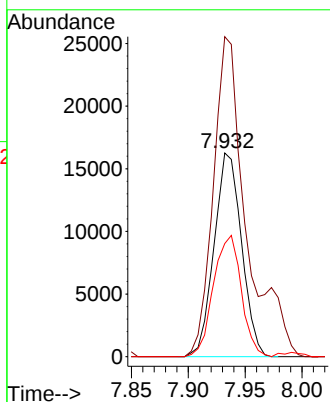
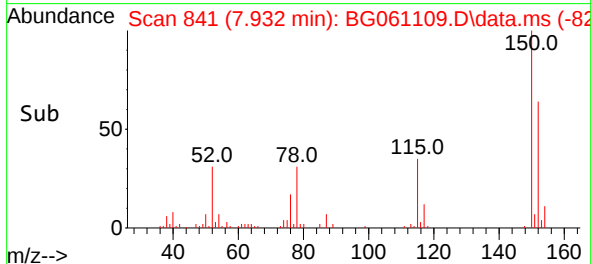
Instrument :
BNA_G
ClientSampleId :
V359MS



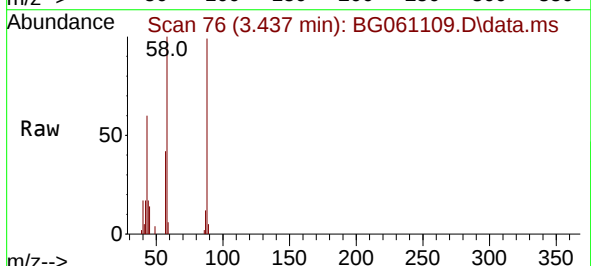
Tgt Ion:152 Resp: 2729
Ion Ratio Lower Upper
152 100
150 157.1 138.3 207.5
115 55.6 48.0 72.0

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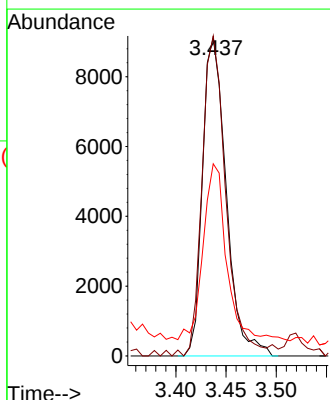
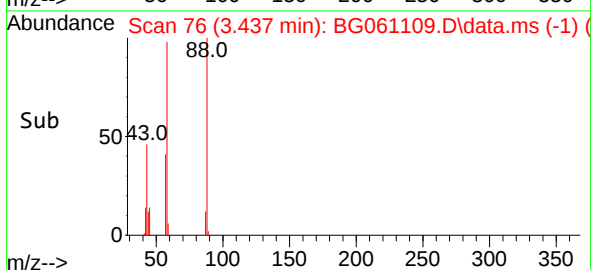
Reviewed By :Yogesh Patel 05/04/2024
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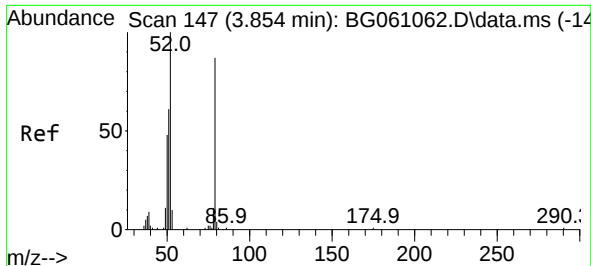


#2
1,4-Dioxane
Concen: 27.609 ng
RT: 3.437 min Scan# 76
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



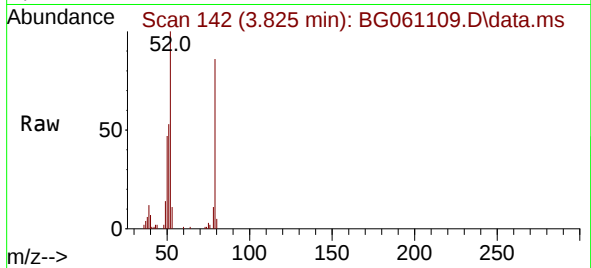
Tgt Ion: 88 Resp: 14980
Ion Ratio Lower Upper
88 100
58 100.9 81.2 121.8
43 56.3 45.0 67.4





#3
 Pyridine
 Concen: 28.526 ng
 RT: 3.825 min Scan# 147
 Delta R.T. -0.029 min
 Lab File: BG061109.D
 Acq: 3 May 2024 16:50

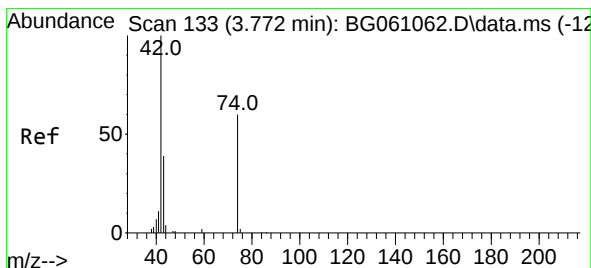
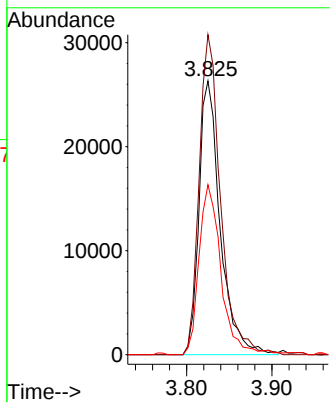
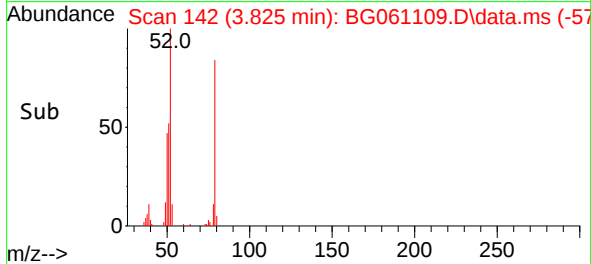
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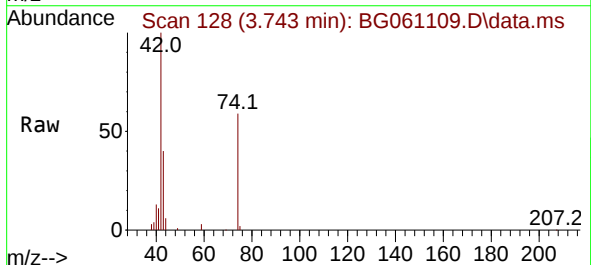
Tgt Ion: 79 Resp: 45549
 Ion Ratio Lower Upper
 79 100
 52 116.9 91.6 137.4
 51 62.1 57.0 85.4

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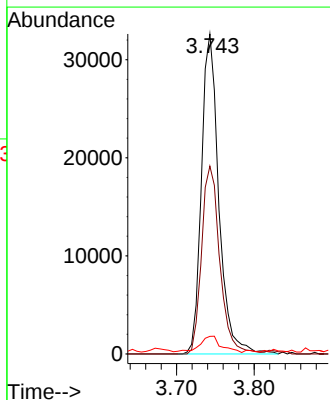
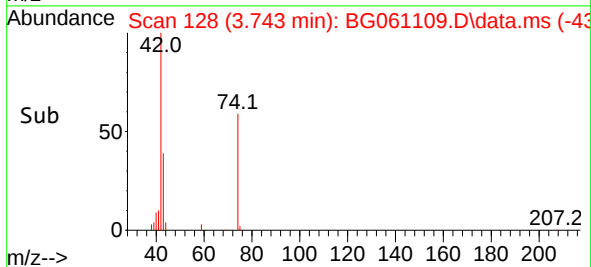
Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

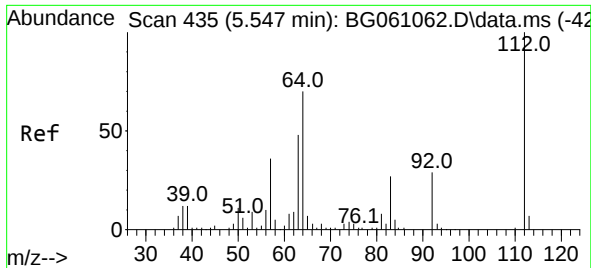


#4
 n-Nitrosodimethylamine
 Concen: 33.143 ng
 RT: 3.743 min Scan# 128
 Delta R.T. -0.029 min
 Lab File: BG061109.D
 Acq: 3 May 2024 16:50



Tgt Ion: 42 Resp: 50840
 Ion Ratio Lower Upper
 42 100
 74 58.7 47.8 71.8
 44 5.5 4.7 7.1





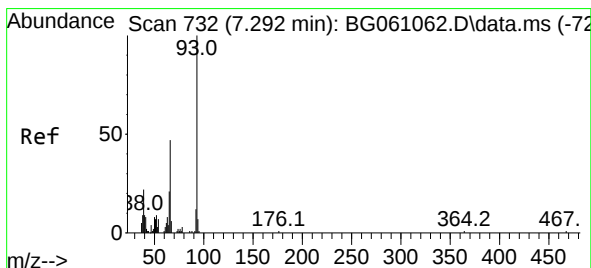
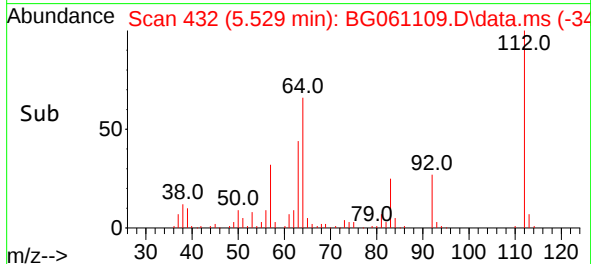
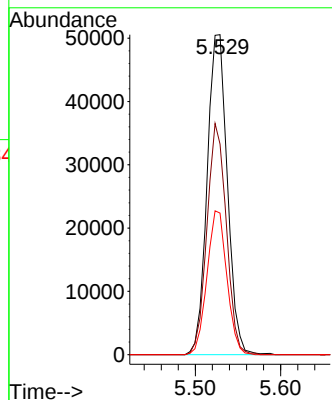
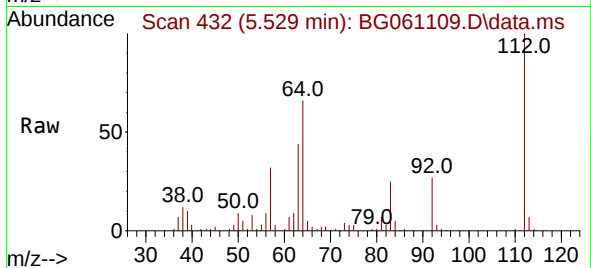
#5
2-Fluorophenol
Concen: 62.000 ng
RT: 5.529 min Scan# 41
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
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Tgt Ion:112 Resp: 8319
Ion Ratio Lower Upper
112 100
64 65.8 55.7 83.5
63 44.2 38.1 57.1

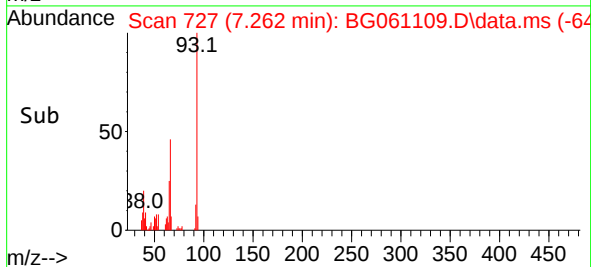
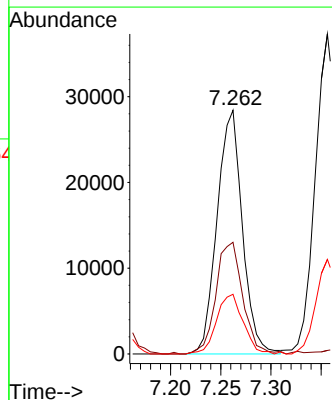
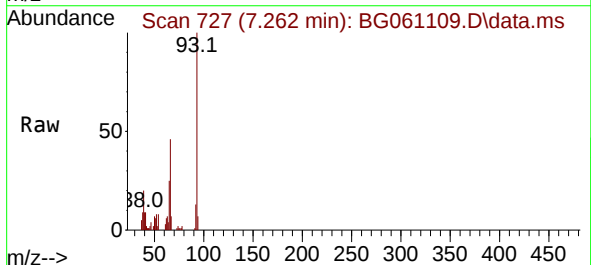
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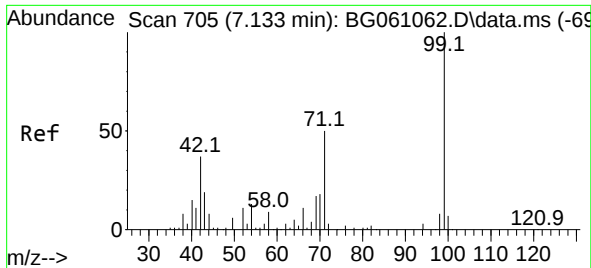
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#6
Aniline
Concen: 25.260 ng
RT: 7.262 min Scan# 727
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion: 93 Resp: 49711
Ion Ratio Lower Upper
93 100
66 45.8 37.4 56.0
65 24.5 16.6 24.8





#7

Phenol-d6

Concen: 71.617 ng

RT: 7.109 min Scan# 705

Delta R.T. -0.024 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS

Tgt Ion: 99 Resp: 14216

Ion Ratio Lower Upper

99 100

42 34.4 29.2 43.8

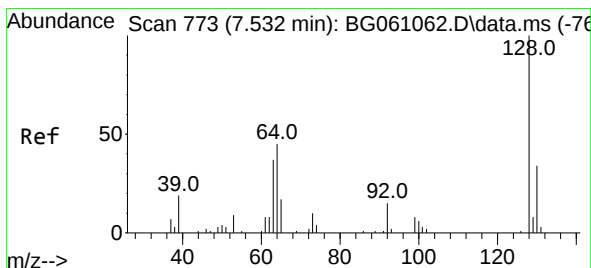
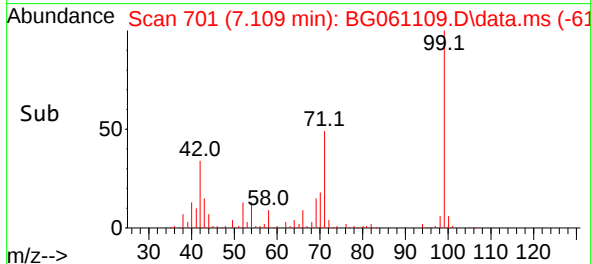
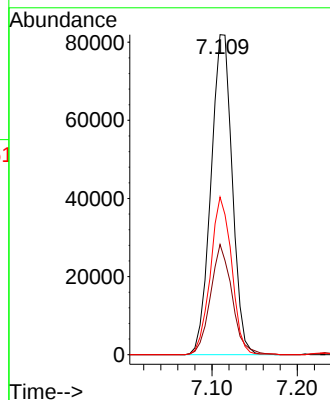
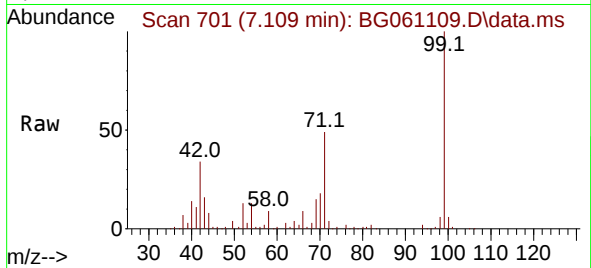
71 49.2 39.7 59.5

Manual Integrations

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Supervised By :mohammad ahmed 05/06/2024



#8

2-Chlorophenol

Concen: 44.551 ng

RT: 7.503 min Scan# 768

Delta R.T. -0.029 min

Lab File: BG061109.D

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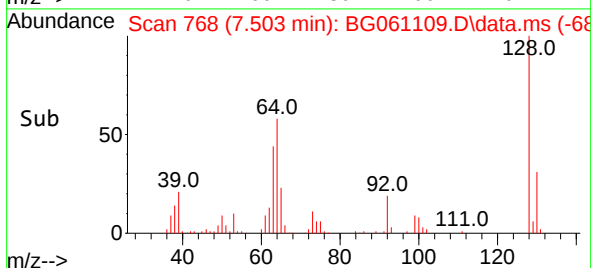
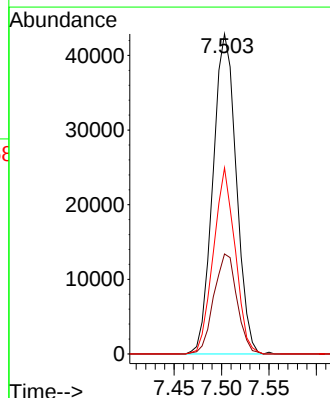
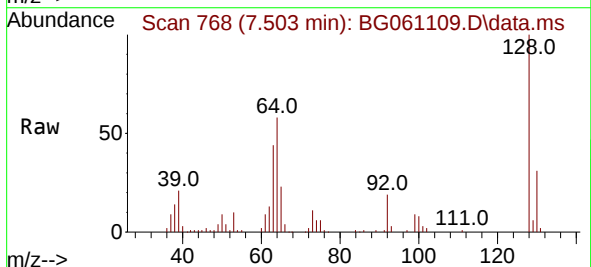
Tgt Ion:128 Resp: 73345

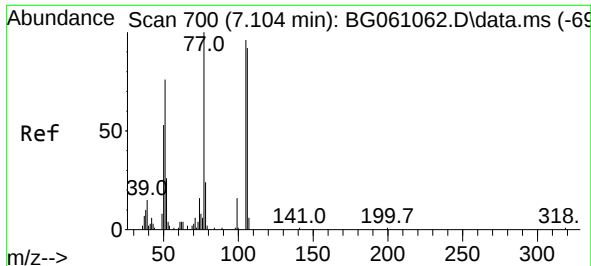
Ion Ratio Lower Upper

128 100

130 31.2 14.1 54.1

64 58.2 34.8 74.8





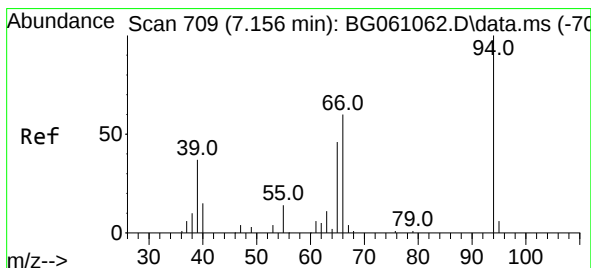
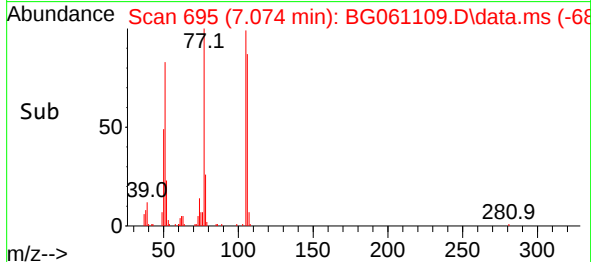
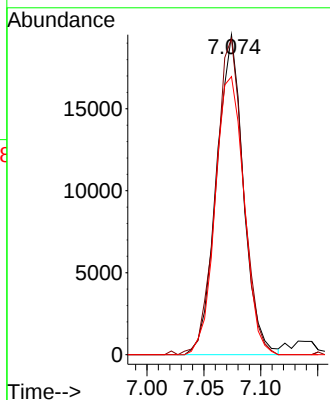
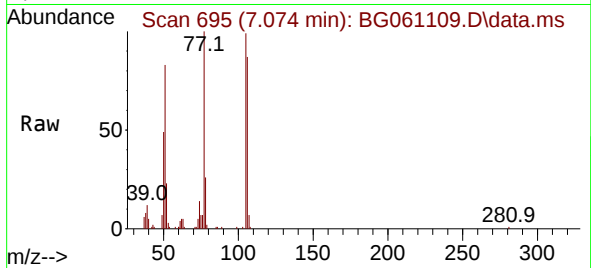
#9
Benzaldehyde
Concen: 28.083 ng
RT: 7.074 min Scan# 695
Delta R.T. -0.030 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
ClientSampleId :
V359MS

Tgt Ion: 77 Resp: 32164
Ion Ratio Lower Upper
77 100
105 98.8 76.0 116.0
106 86.9 72.3 112.3

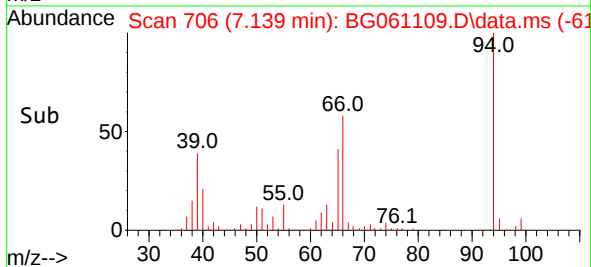
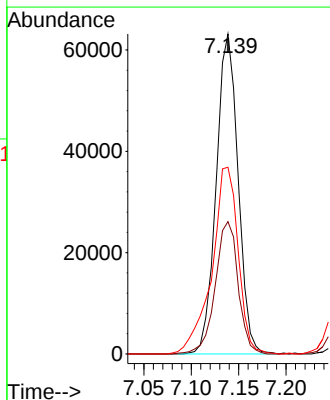
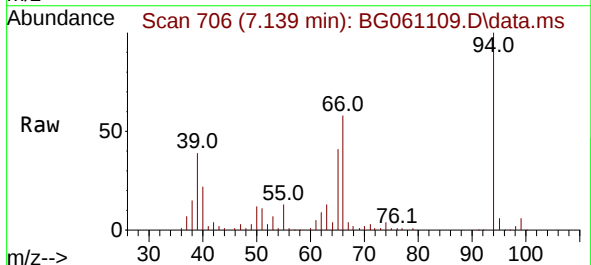
Manual Integrations
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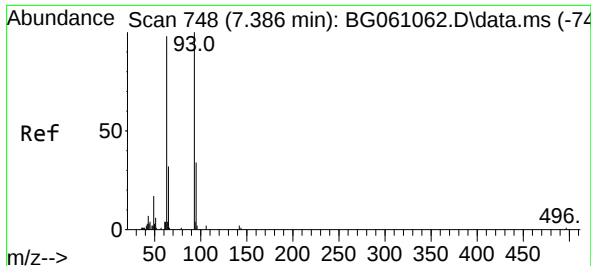
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#10
Phenol
Concen: 50.215 ng
RT: 7.139 min Scan# 706
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

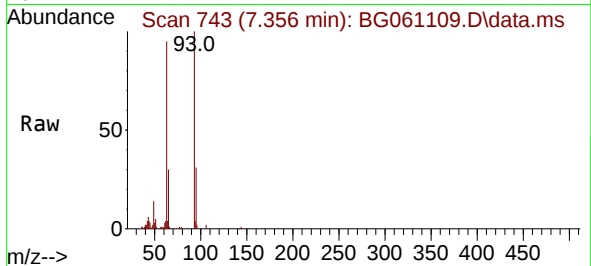
Tgt Ion: 94 Resp: 101372
Ion Ratio Lower Upper
94 100
65 41.3 26.8 66.8
66 58.3 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 41.751 ng
RT: 7.356 min Scan# 748
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

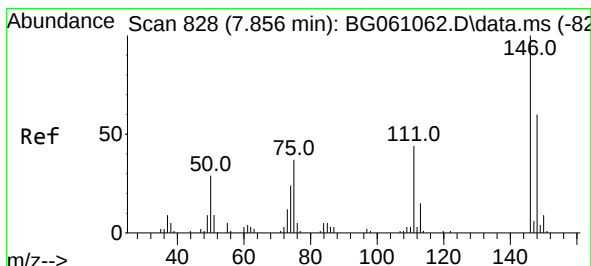
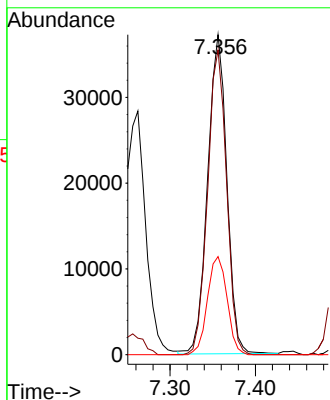
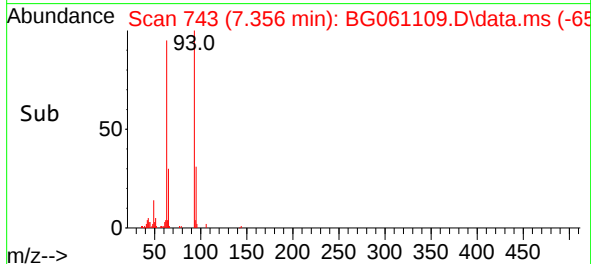
Instrument :
BNA_G
ClientSampleId :
V359MS



Tgt Ion: 93 Resp: 5822
Ion Ratio Lower Upper
93 100
63 95.2 76.8 116.8
95 30.6 13.6 53.6

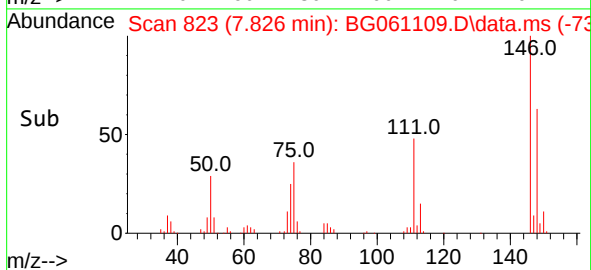
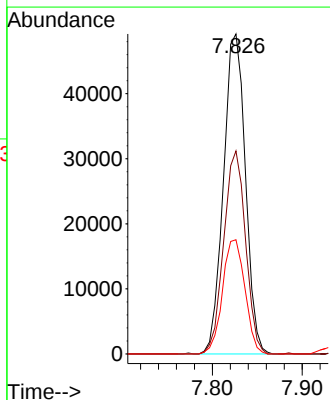
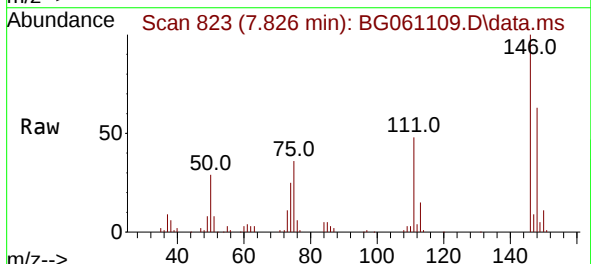
Manual Integrations
APPROVED

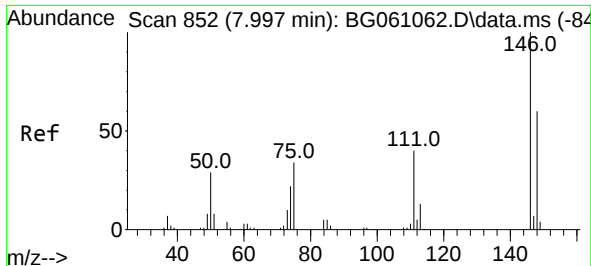
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#12
1,3-Dichlorobenzene
Concen: 43.025 ng
RT: 7.826 min Scan# 823
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:146 Resp: 83503
Ion Ratio Lower Upper
146 100
148 63.4 48.0 72.0
75 35.7 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 42.201 ng

RT: 7.973 min Scan# 84

Delta R.T. -0.024 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS

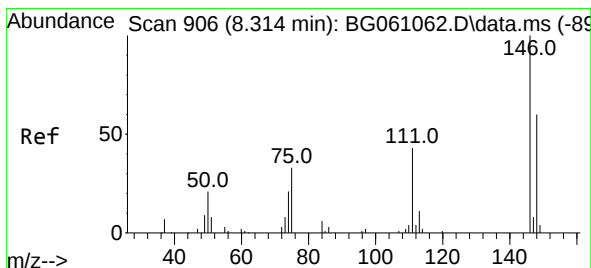
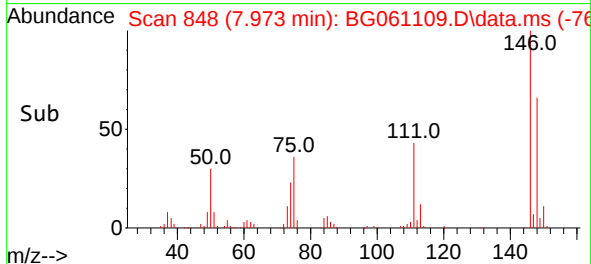
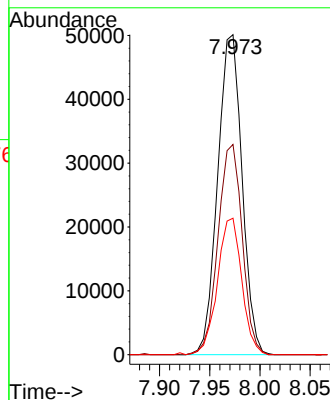
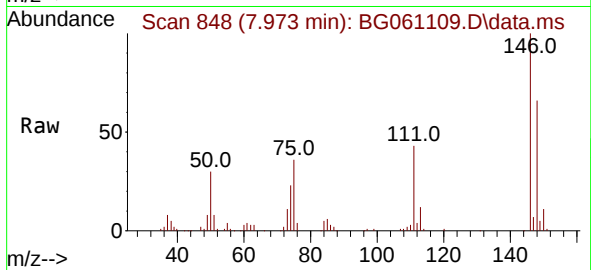
Tgt Ion:146 Resp: 8465
 Ion Ratio Lower Upper
 146 100
 148 65.7 48.1 72.1
 111 42.6 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#14

1,2-Dichlorobenzene

Concen: 43.022 ng

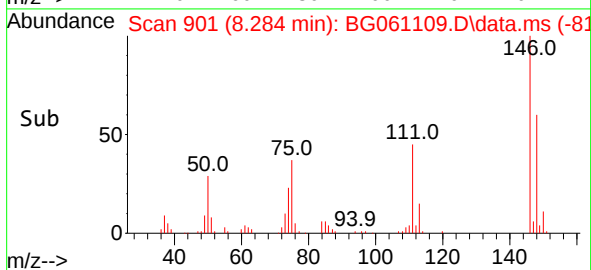
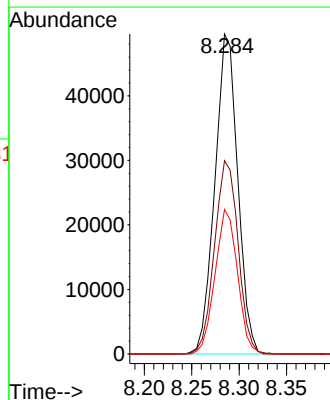
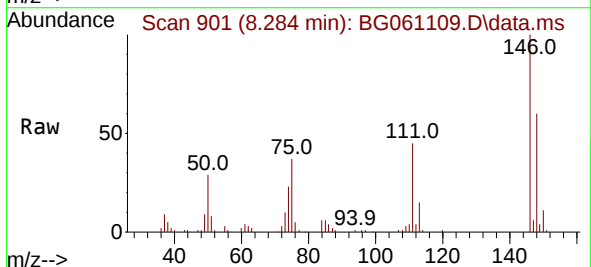
RT: 8.284 min Scan# 901

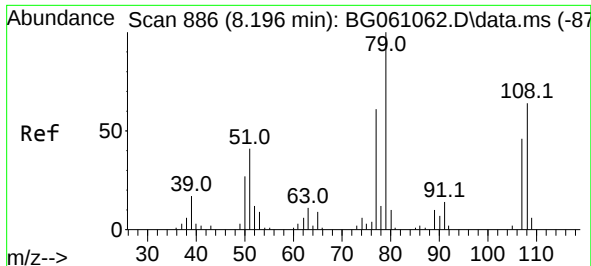
Delta R.T. -0.029 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Tgt Ion:146 Resp: 83259
 Ion Ratio Lower Upper
 146 100
 148 60.4 48.2 72.2
 111 45.2 36.2 54.2





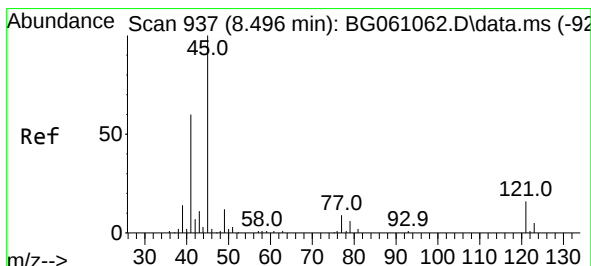
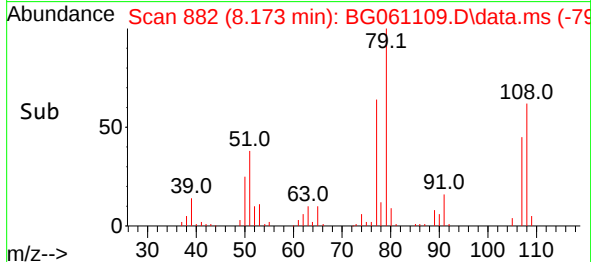
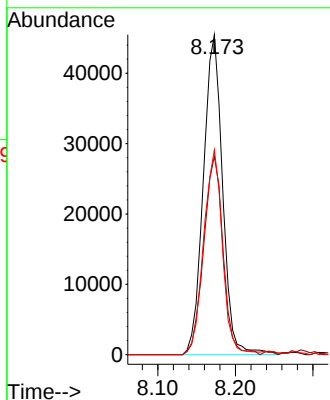
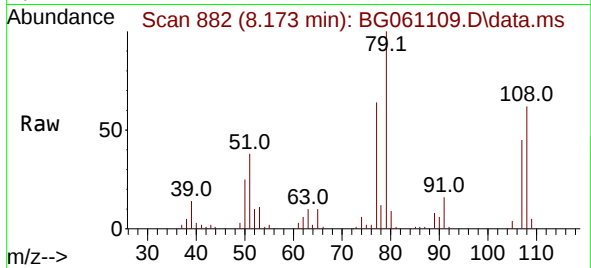
#15
Benzyl Alcohol
Concen: 43.888 ng
RT: 8.173 min Scan# 81
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
ClientSampleId :
V359MS

Tgt Ion: 79 Resp: 78592
Ion Ratio Lower Upper
79 100
108 62.0 51.1 76.7
77 64.0 49.0 73.6

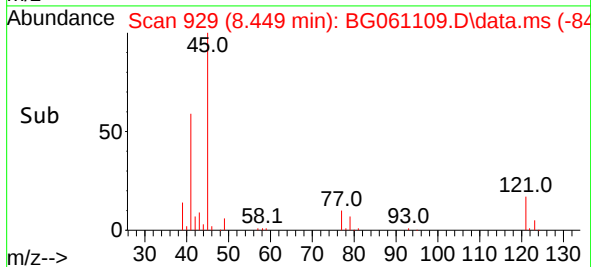
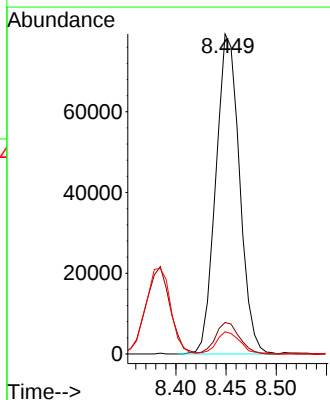
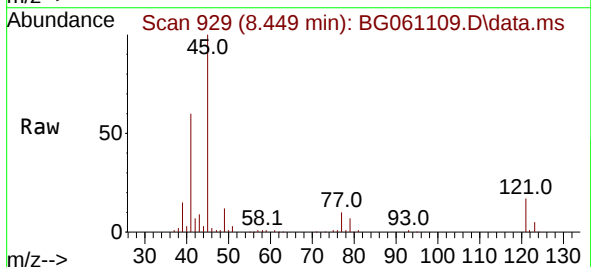
Manual Integrations
APPROVED

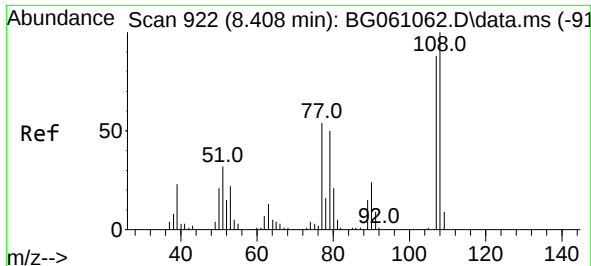
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.020 ng
RT: 8.449 min Scan# 929
Delta R.T. -0.047 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion: 45 Resp: 130186
Ion Ratio Lower Upper
45 100
77 9.8 0.0 30.2
79 7.0 0.0 26.5





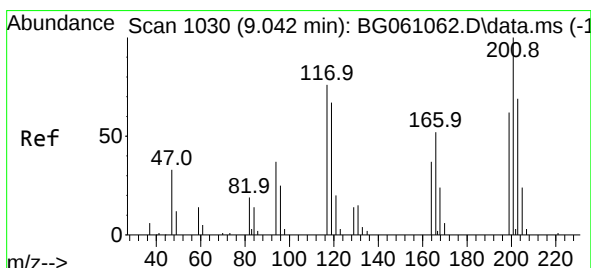
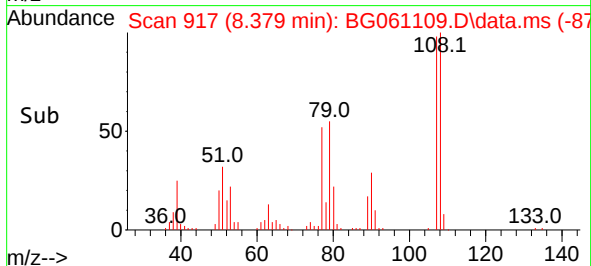
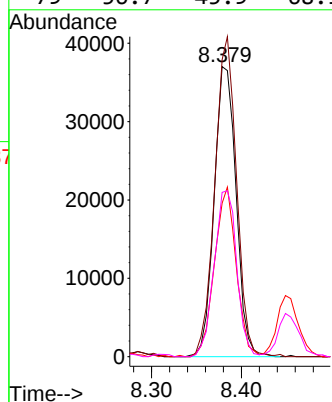
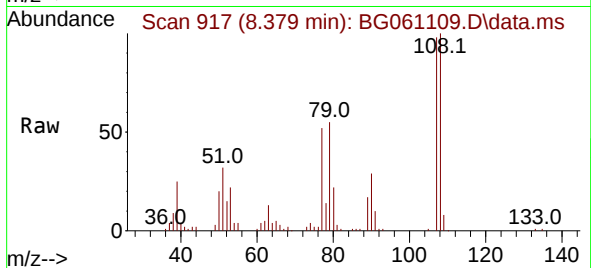
#17
2-Methylphenol
Concen: 43.540 ng
RT: 8.379 min Scan# 917
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
ClientSampleId :
V359MS

Tgt Ion:	107	Resp:	62638
Ion	Ratio	Lower	Upper
107	100		
108	102.4	91.4	137.2
77	52.9	49.4	74.2
79	56.7	45.9	68.9

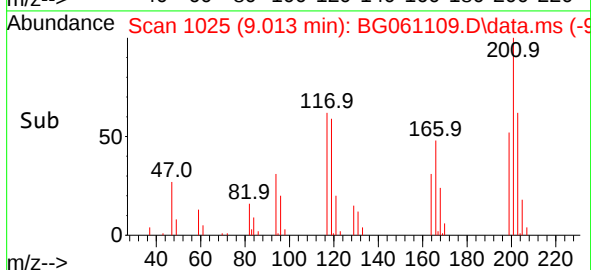
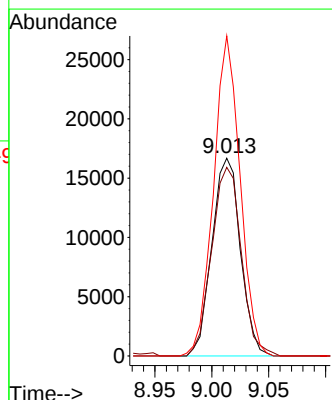
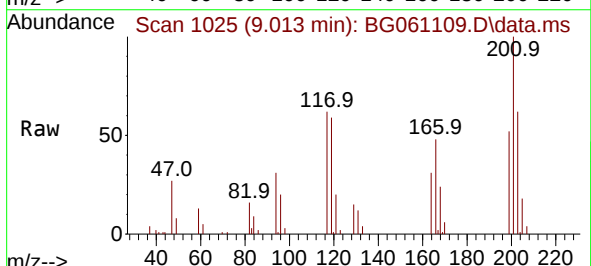
Manual Integrations
APPROVED

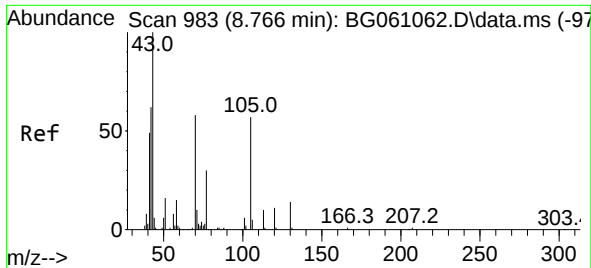
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#18
Hexachloroethane
Concen: 40.619 ng
RT: 9.013 min Scan# 1025
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:	117	Resp:	29073
Ion	Ratio	Lower	Upper
117	100		
119	95.4	71.4	107.0
201	161.7	105.8	158.8#





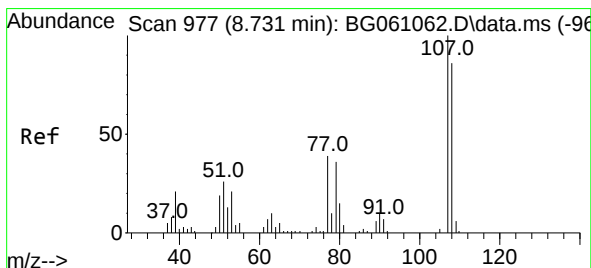
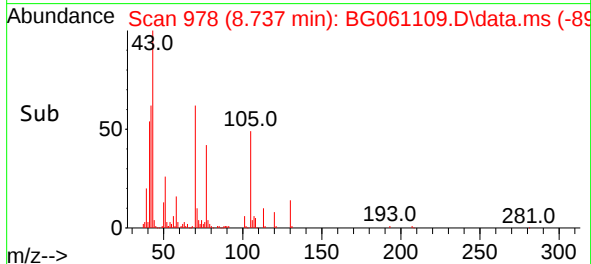
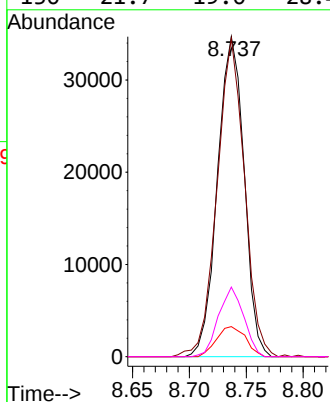
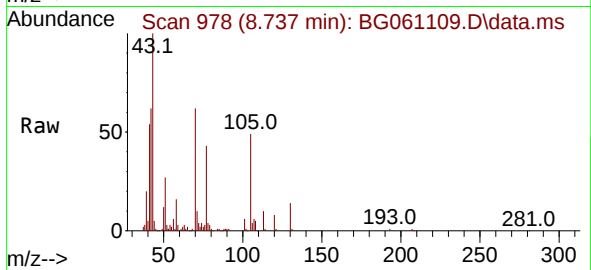
#19
n-Nitroso-di-n-propylamine
Concen: 37.981 ng
RT: 8.737 min Scan# 911
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
ClientSampleId :
V359MS

Tgt Ion:	70	Resp:	5642
Ion	Ratio	Lower	Upper
70	100		
42	99.5	86.4	129.6
101	9.4	7.8	11.8
130	21.7	19.0	28.4

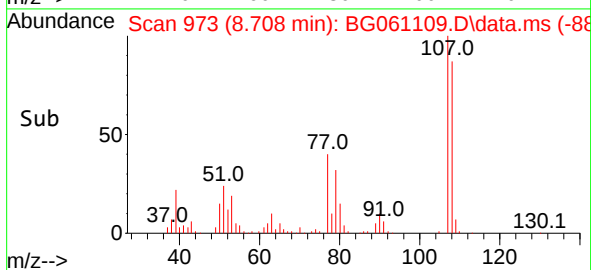
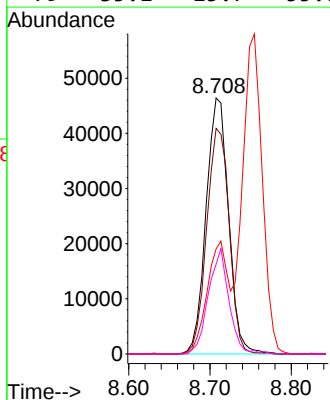
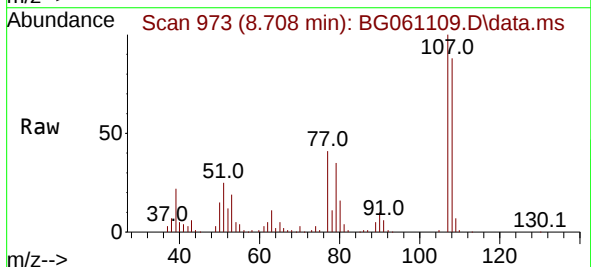
Manual Integrations
APPROVED

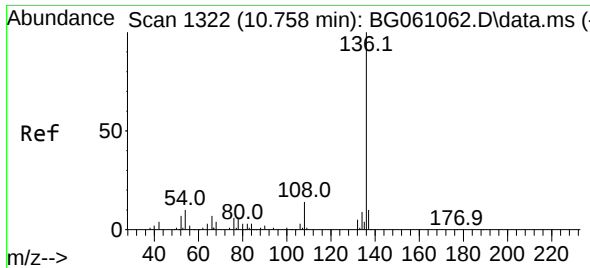
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#20
3+4-Methylphenols
Concen: 42.916 ng
RT: 8.708 min Scan# 973
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

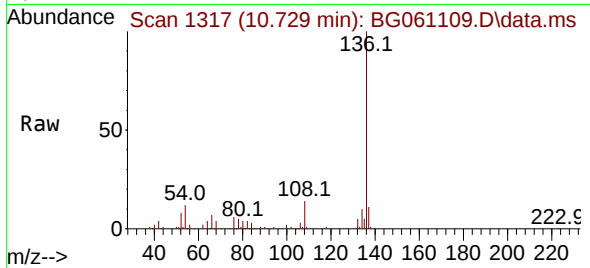
Tgt Ion:	107	Resp:	89076
Ion	Ratio	Lower	Upper
107	100		
108	88.2	65.7	105.7
77	41.1	19.4	59.4
79	35.1	15.7	55.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 11
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

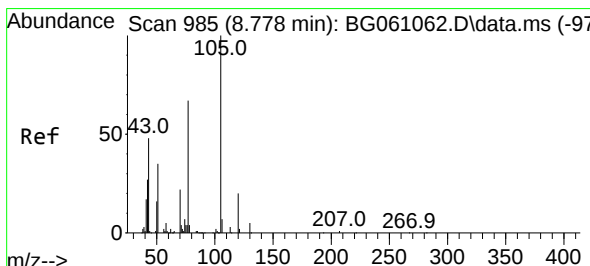
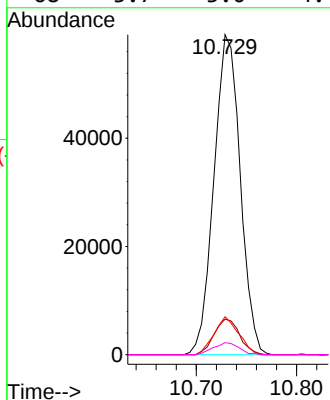
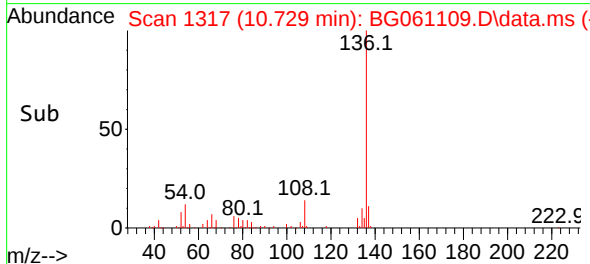
Instrument :
BNA_G
ClientSampleId :
V359MS



Tgt Ion:136 Resp: 107435
Ion Ratio Lower Upper
136 100
137 11.1 7.8 11.6
54 11.9 8.1 12.1
68 3.7 3.0 4.4

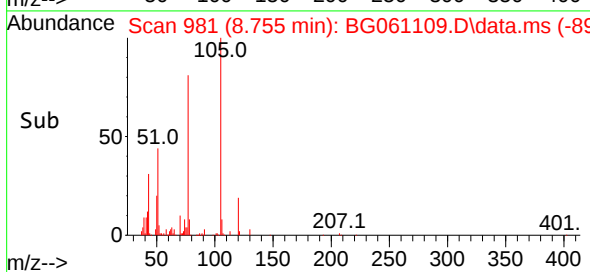
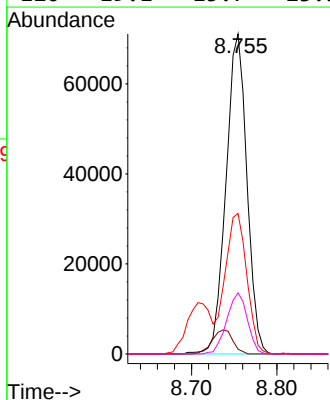
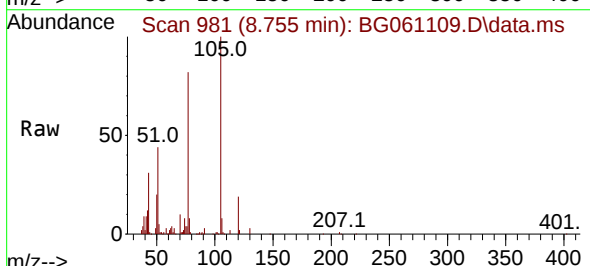
Manual Integrations
APPROVED

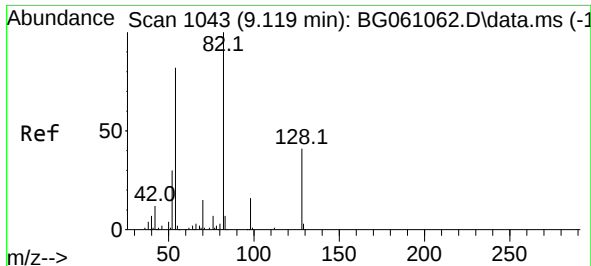
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#22
Acetophenone
Concen: 45.396 ng
RT: 8.755 min Scan# 981
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:105 Resp: 121459
Ion Ratio Lower Upper
105 100
71 1.5 3.3 4.9#
51 43.9 36.7 55.1
120 19.1 15.7 23.5





#23

Nitrobenzene-d5

Concen: 47.187 ng

RT: 9.089 min Scan# 1038

Delta R.T. -0.029 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS

Tgt Ion: 82 Resp: 102260

Ion Ratio Lower Upper

82 100

128 39.1 32.7 49.1

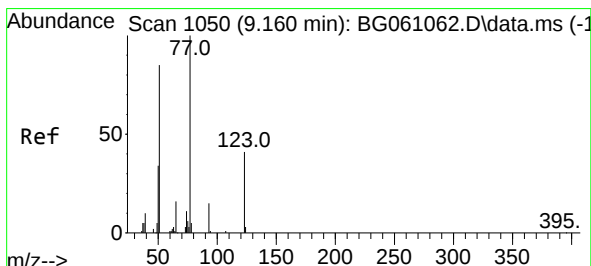
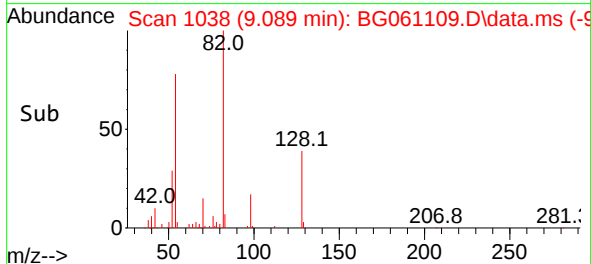
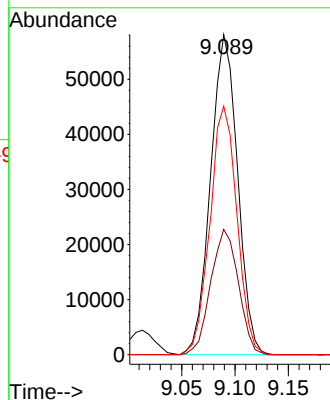
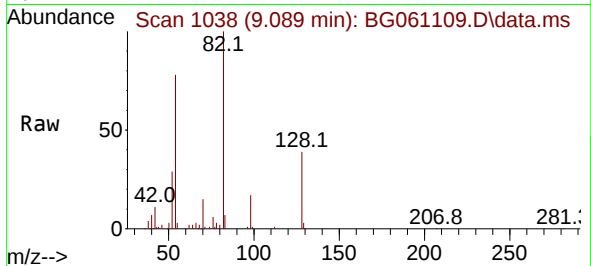
54 77.7 65.6 98.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#24

Nitrobenzene

Concen: 42.867 ng

RT: 9.131 min Scan# 1045

Delta R.T. -0.029 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

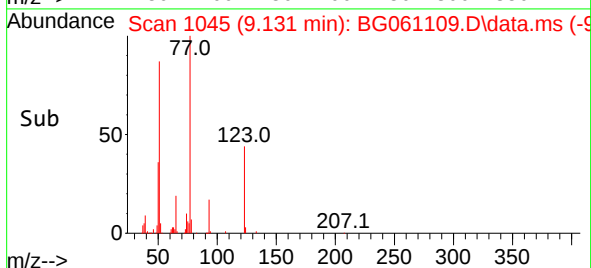
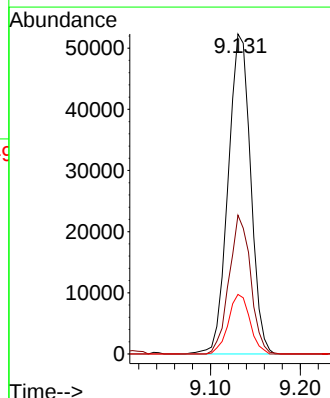
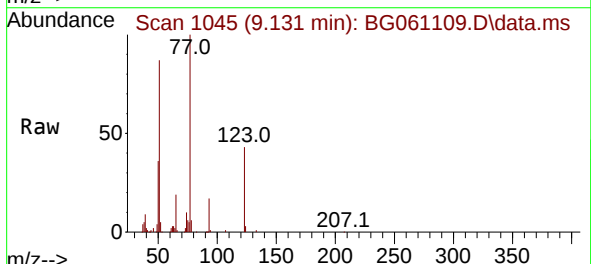
Tgt Ion: 77 Resp: 90884

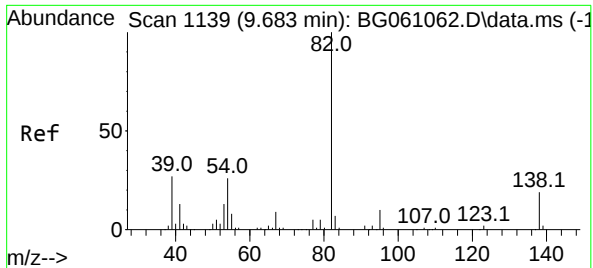
Ion Ratio Lower Upper

77 100

123 43.4 33.1 49.7

65 18.6 13.1 19.7





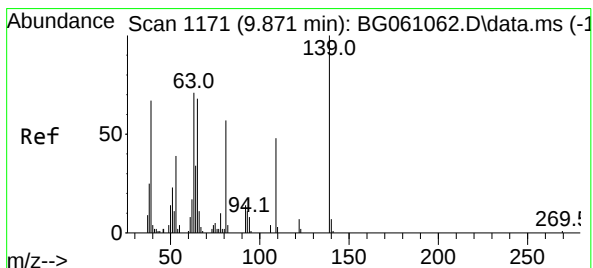
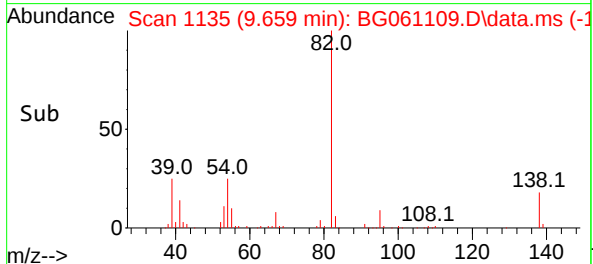
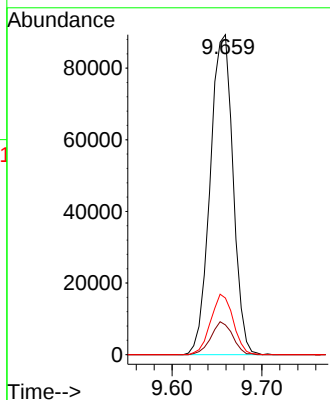
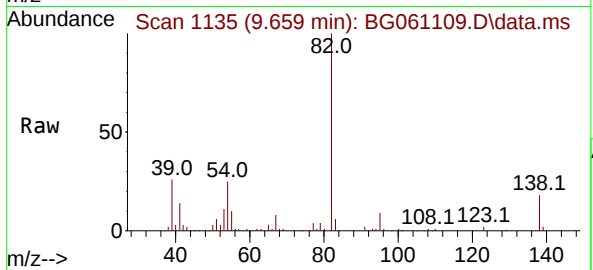
#25
Isophorone
Concen: 39.396 ng
RT: 9.659 min Scan# 1135
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
ClientSampleId :
V359MS

Tgt Ion: 82 Resp: 15782
Ion Ratio Lower Upper
82 100
95 9.3 8.3 12.5
138 17.7 15.2 22.8

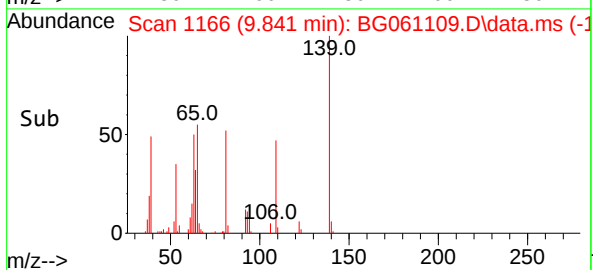
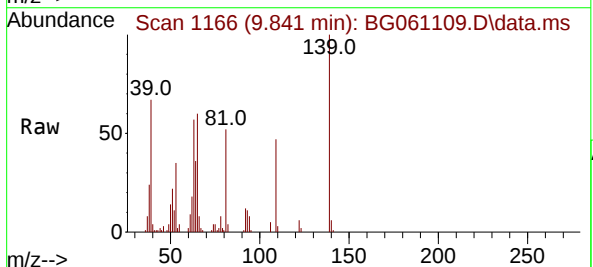
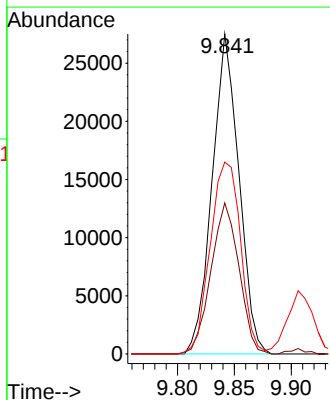
Manual Integrations
APPROVED

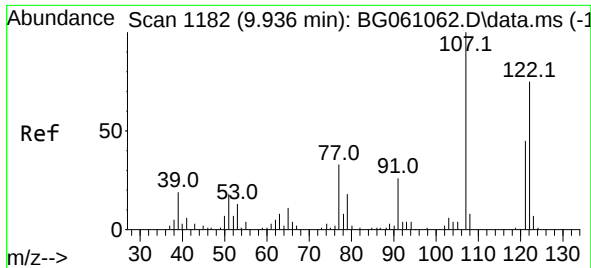
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#26
2-Nitrophenol
Concen: 44.829 ng
RT: 9.841 min Scan# 1166
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:139 Resp: 45031
Ion Ratio Lower Upper
139 100
109 47.2 38.5 57.7
65 59.9 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 50.441 ng

RT: 9.906 min Scan# 1182

Delta R.T. -0.029 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS

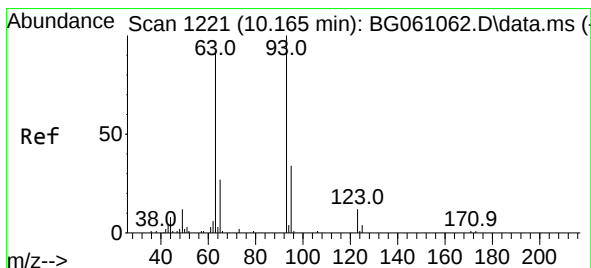
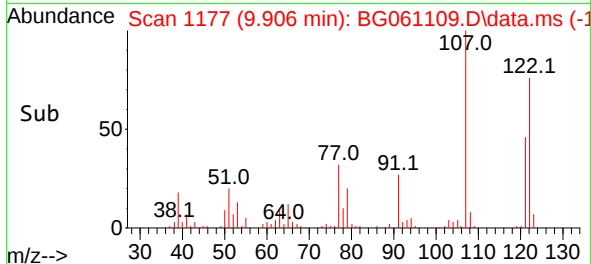
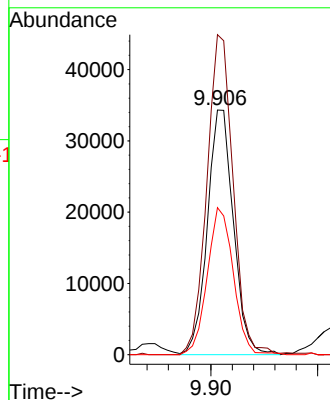
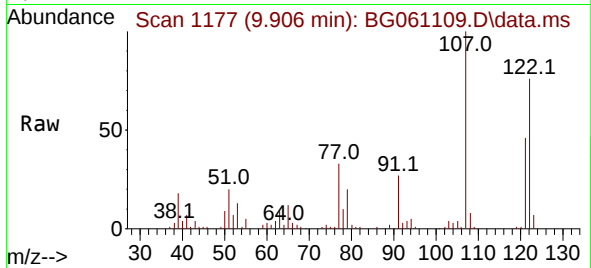
Tgt Ion:122 Resp: 58410
 Ion Ratio Lower Upper
 122 100
 107 130.8 106.9 160.3
 121 60.1 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.118 ng

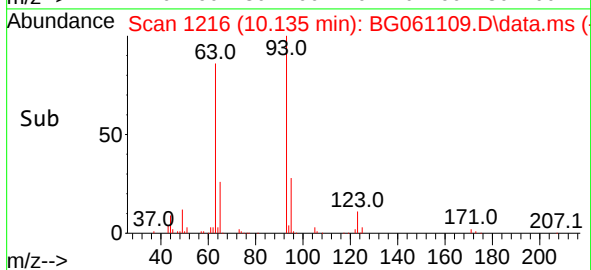
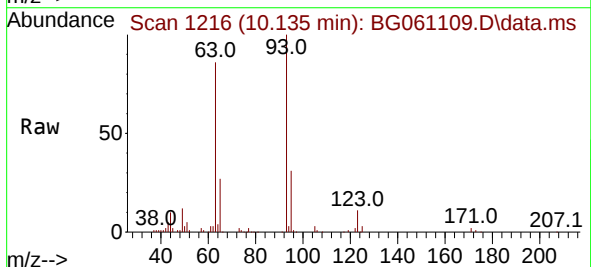
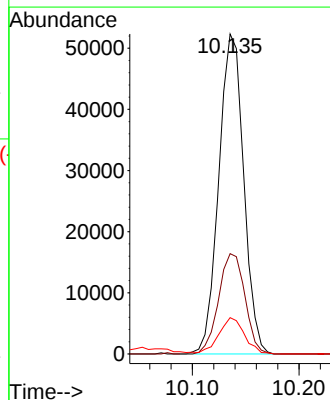
RT: 10.135 min Scan# 1216

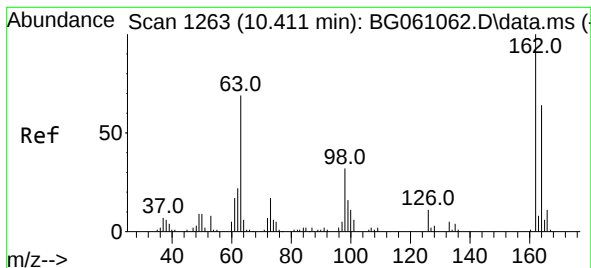
Delta R.T. -0.029 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

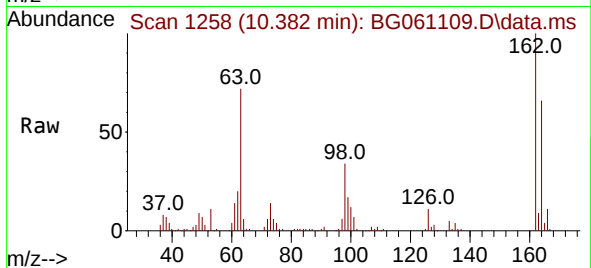
Tgt Ion: 93 Resp: 84777
 Ion Ratio Lower Upper
 93 100
 95 31.3 27.4 41.0
 123 11.4 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 47.771 ng
RT: 10.382 min Scan# 1258
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

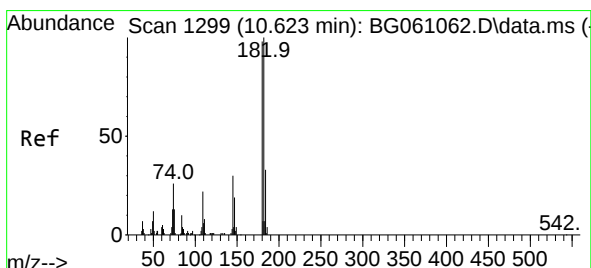
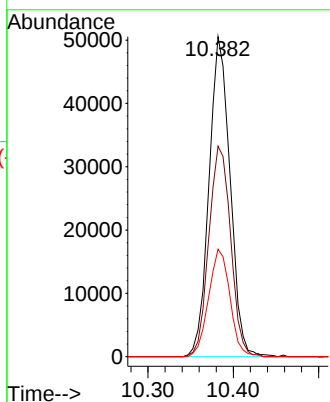
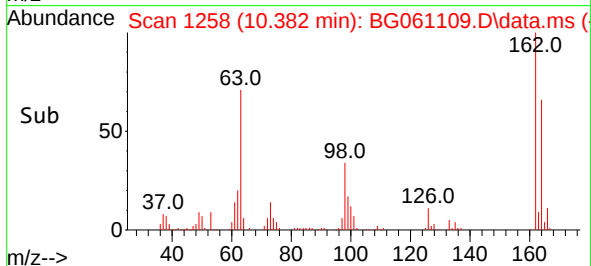
Instrument :
BNA_G
ClientSampleId :
V359MS



Tgt Ion:162 Resp: 8668
Ion Ratio Lower Upper
162 100
164 65.7 43.6 83.6
98 33.6 12.3 52.3

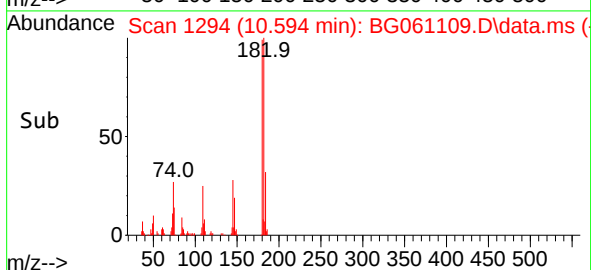
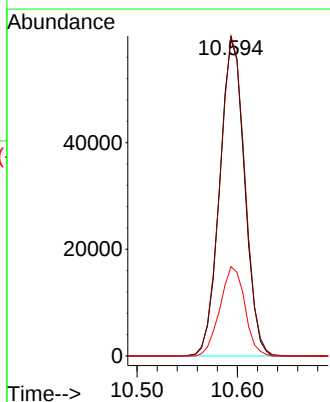
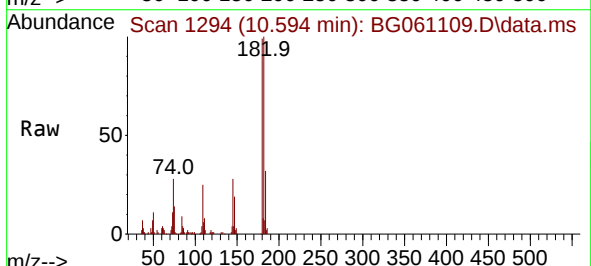
Manual Integrations
APPROVED

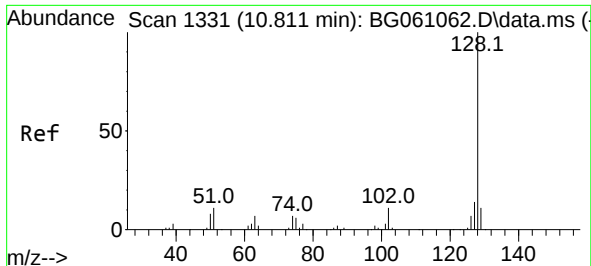
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.708 ng
RT: 10.594 min Scan# 1294
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

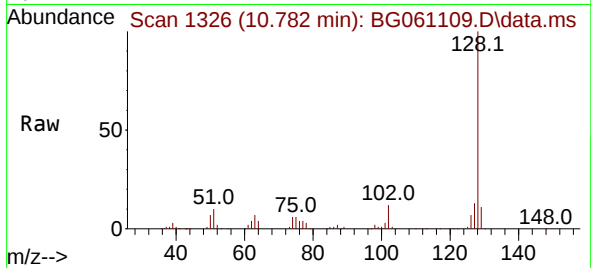
Tgt Ion:180 Resp: 102121
Ion Ratio Lower Upper
180 100
182 101.0 81.7 122.5
145 28.2 24.5 36.7





#31
Naphthalene
Concen: 46.093 ng
RT: 10.782 min Scan# 11
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

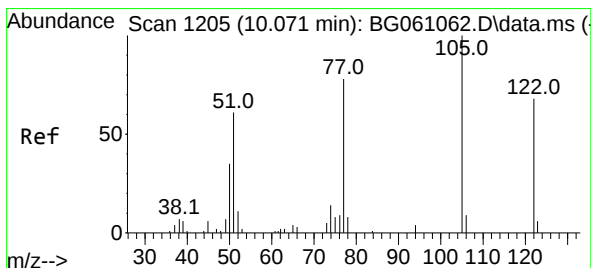
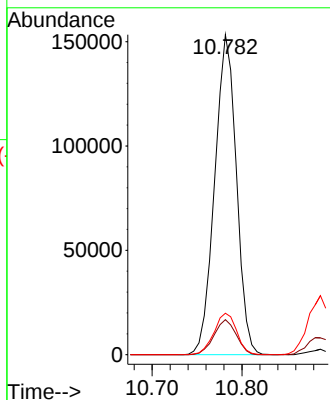
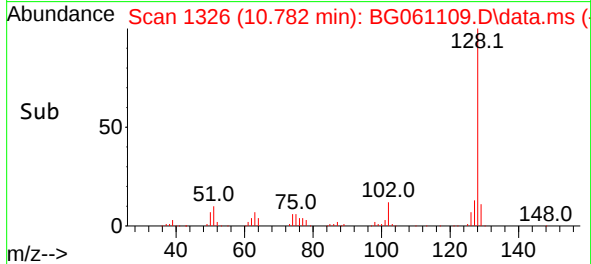
Instrument :
BNA_G
ClientSampleId :
V359MS



Tgt Ion:128 Resp: 257362
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 11.1 16.7

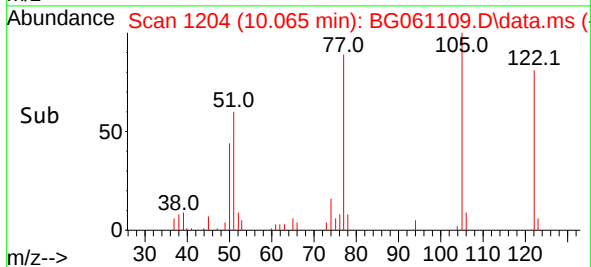
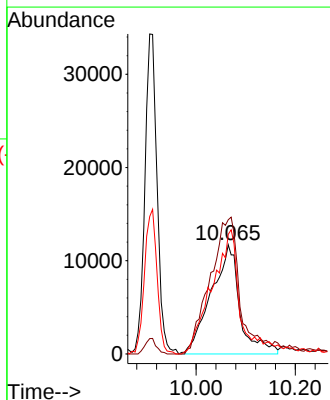
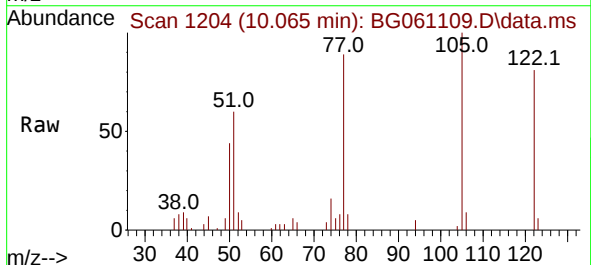
Manual Integrations
APPROVED

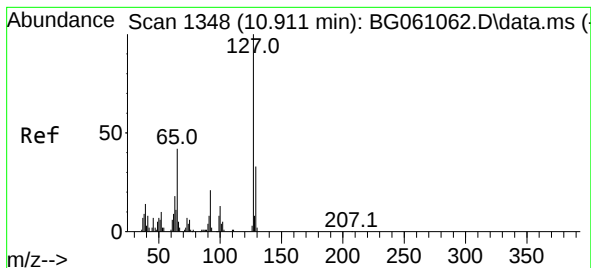
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#32
Benzoic acid
Concen: 35.159 ng m
RT: 10.065 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:122 Resp: 47070
Ion Ratio Lower Upper
122 100
105 123.0 123.3 163.3#
77 109.7 93.2 133.2





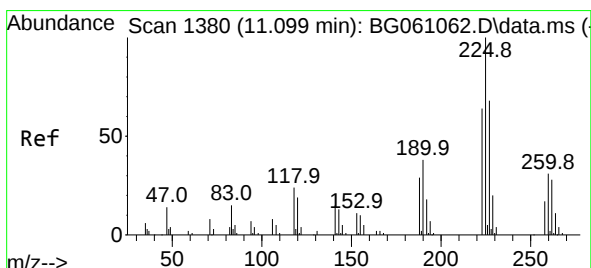
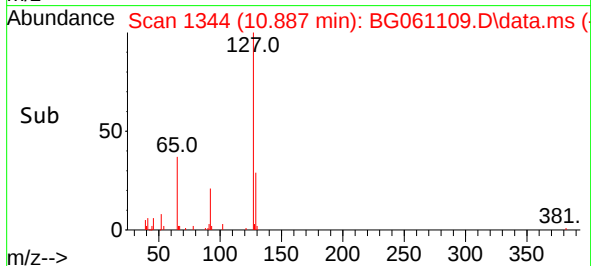
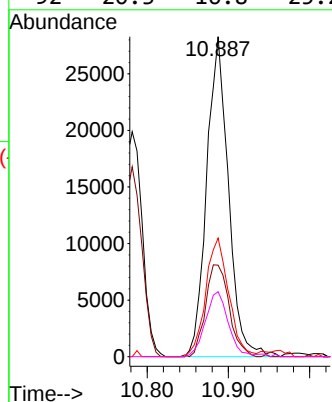
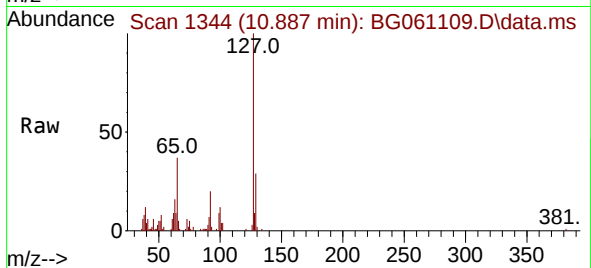
#33
4-Chloroaniline
Concen: 23.634 ng
RT: 10.887 min Scan# 1344
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
ClientSampleId :
V359MS

Tgt Ion:	127	Resp:	52629
Ion Ratio	Lower	Upper	
127	100		
129	28.6	26.6	39.8
65	37.1	33.6	50.4
92	20.3	16.8	25.2

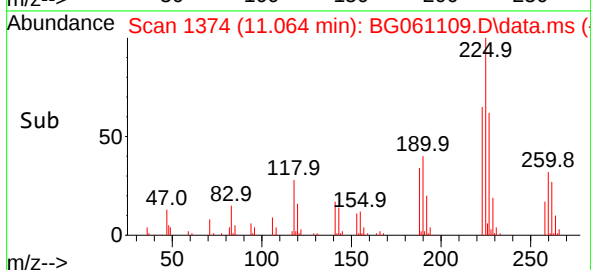
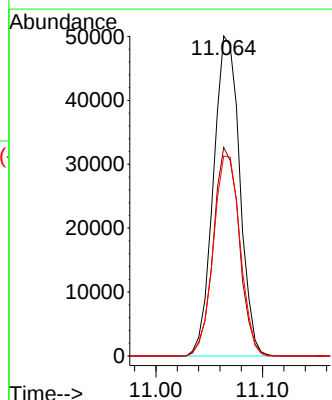
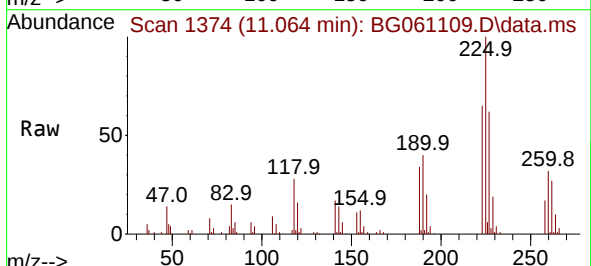
Manual Integrations
APPROVED

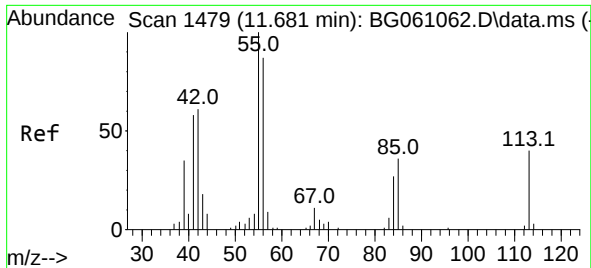
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#34
Hexachlorobutadiene
Concen: 45.634 ng
RT: 11.064 min Scan# 1374
Delta R.T. -0.035 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:	225	Resp:	85609
Ion Ratio	Lower	Upper	
225	100		
223	65.2	51.0	76.4
227	62.5	54.6	82.0





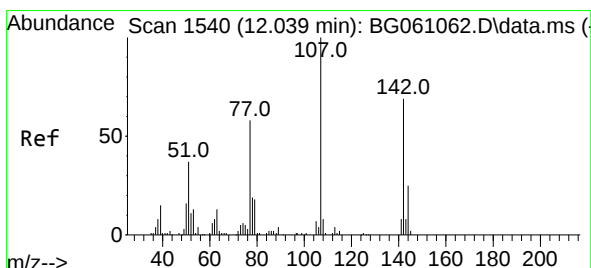
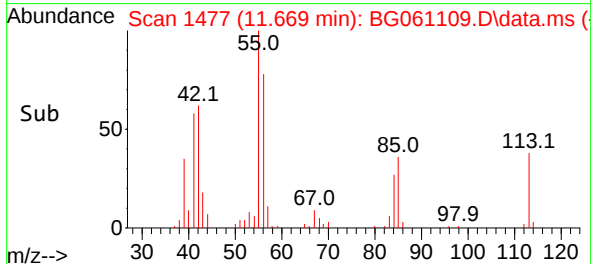
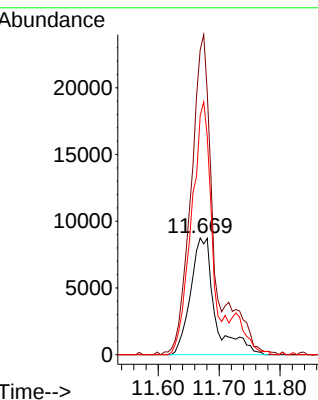
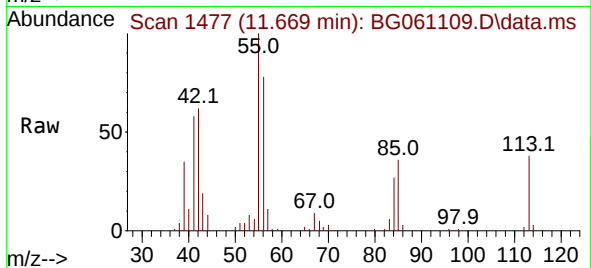
#35
Caprolactam
Concen: 37.610 ng
RT: 11.669 min Scan# 1477
Delta R.T. -0.012 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
ClientSampleId :
V359MS

Tgt Ion:113 Resp: 2457
Ion Ratio Lower Upper
113 100
55 261.3 227.6 267.6
56 204.9 195.1 235.1

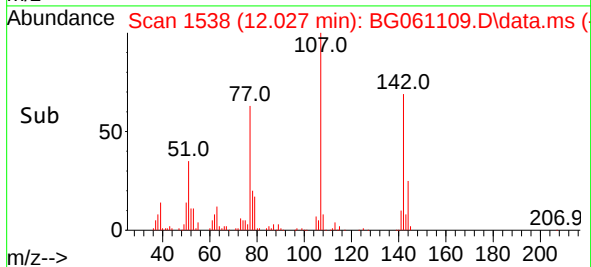
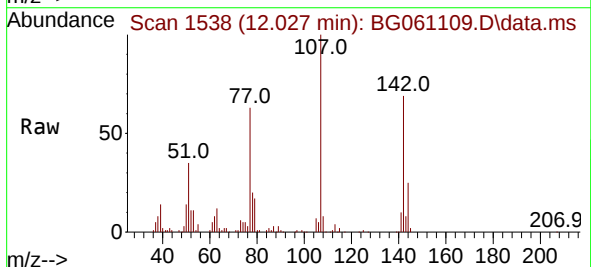
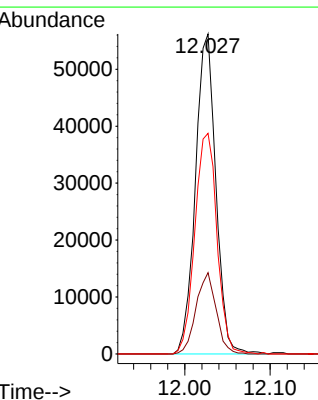
Manual Integrations
APPROVED

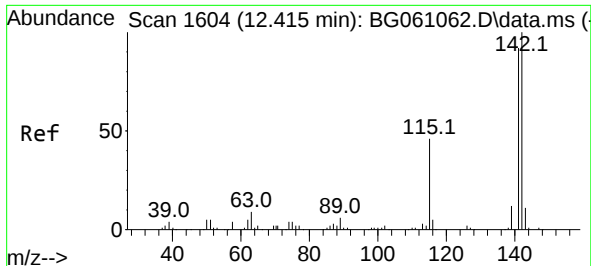
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#36
4-Chloro-3-methylphenol
Concen: 42.824 ng
RT: 12.027 min Scan# 1538
Delta R.T. -0.012 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

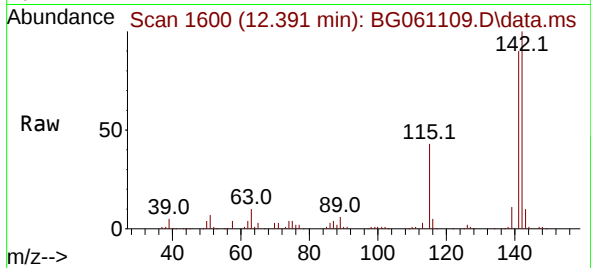
Tgt Ion:107 Resp: 93701
Ion Ratio Lower Upper
107 100
144 25.4 20.2 30.4
142 69.0 55.6 83.4





#37
2-Methylnaphthalene
Concen: 44.725 ng
RT: 12.391 min Scan# 1600
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

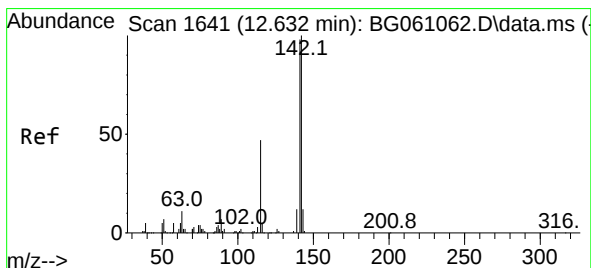
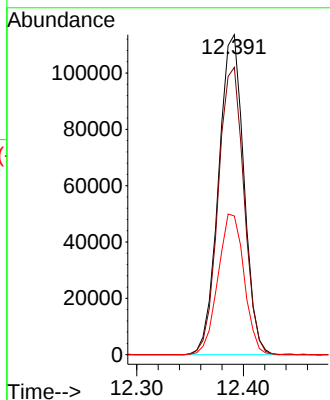
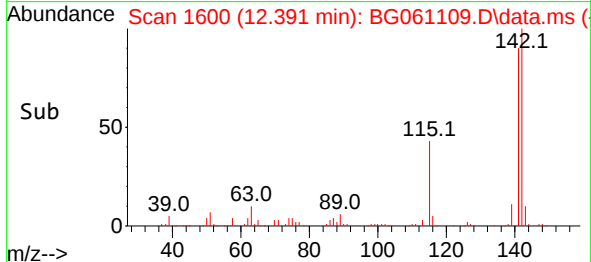
Instrument :
BNA_G
ClientSampleId :
V359MS



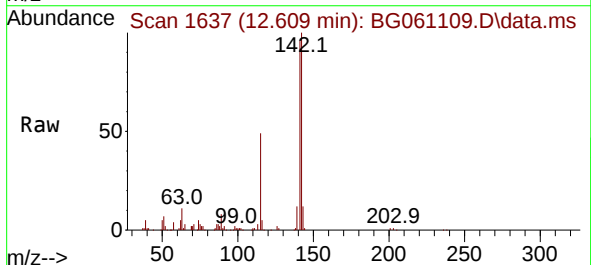
Tgt Ion:142 Resp: 187130
Ion Ratio Lower Upper
142 100
141 89.8 73.8 110.8
115 43.4 36.9 55.3

Manual Integrations
APPROVED

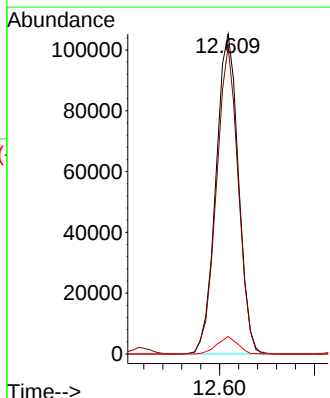
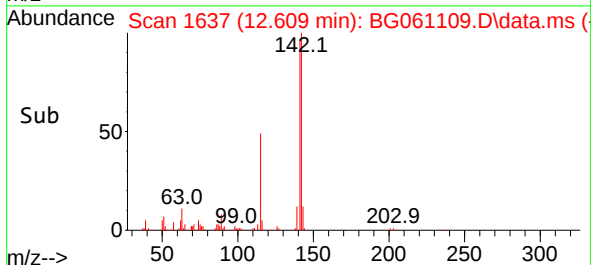
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

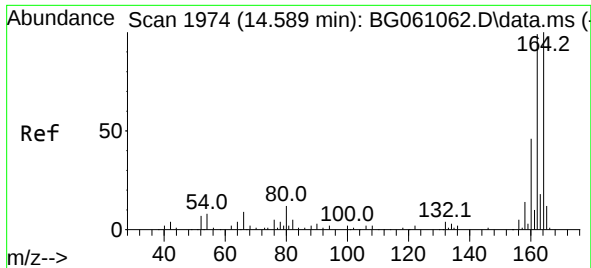


#38
1-Methylnaphthalene
Concen: 41.152 ng
RT: 12.609 min Scan# 1637
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



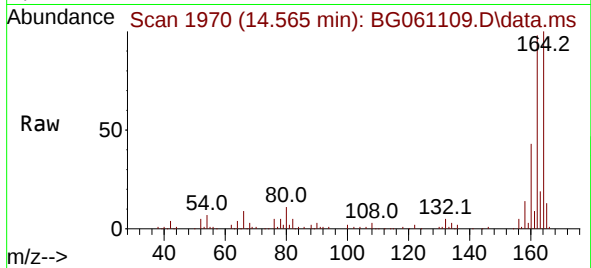
Tgt Ion:142 Resp: 173342
Ion Ratio Lower Upper
142 100
141 96.1 78.4 117.6
116 5.5 4.3 6.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1974
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

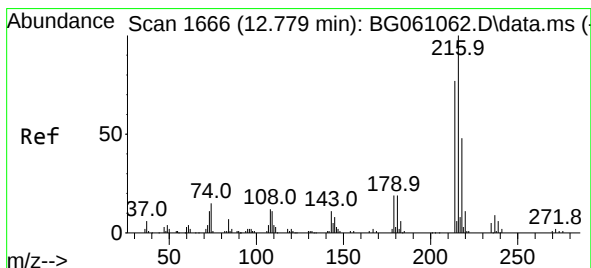
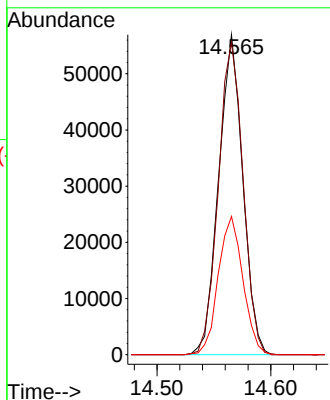
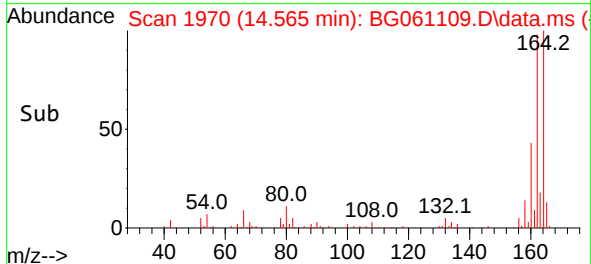
Instrument :
BNA_G
ClientSampleId :
V359MS



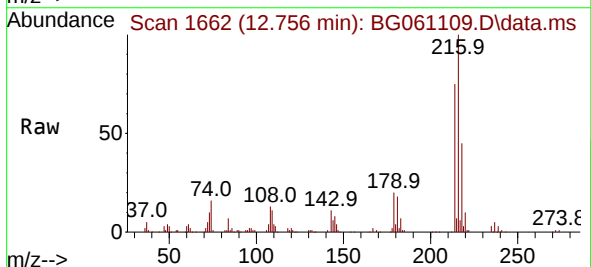
Tgt Ion:164 Resp: 83780
Ion Ratio Lower Upper
164 100
162 97.6 79.4 119.2
160 43.2 37.0 55.6

Manual Integrations
APPROVED

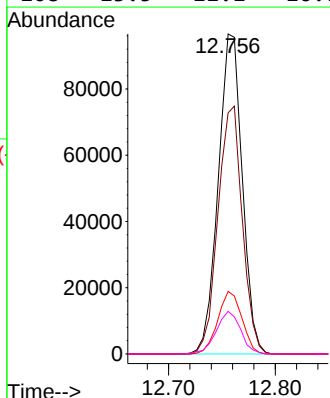
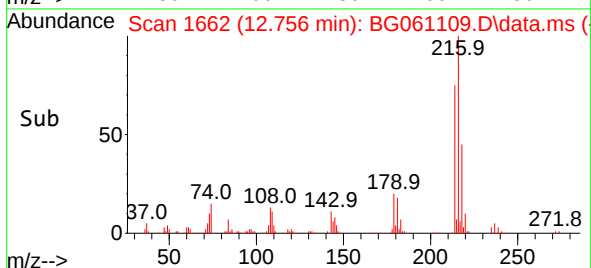
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

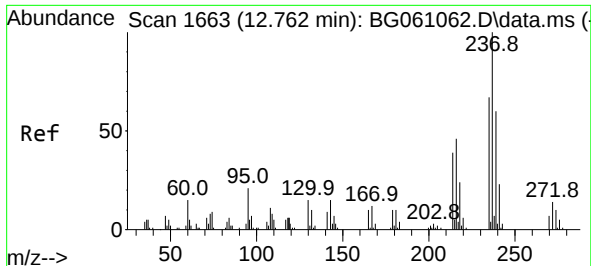


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.076 ng
RT: 12.756 min Scan# 1662
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



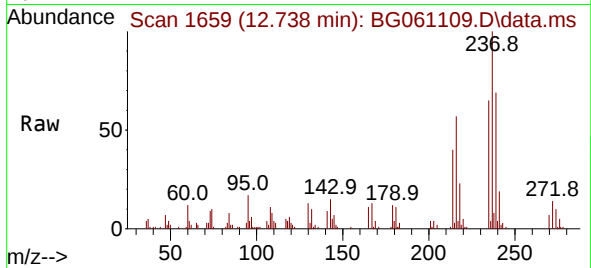
Tgt Ion:216 Resp: 151206
Ion Ratio Lower Upper
216 100
214 78.4 64.2 96.2
179 19.6 15.4 23.2
108 13.5 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 41.512 ng
RT: 12.738 min Scan# 1659
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

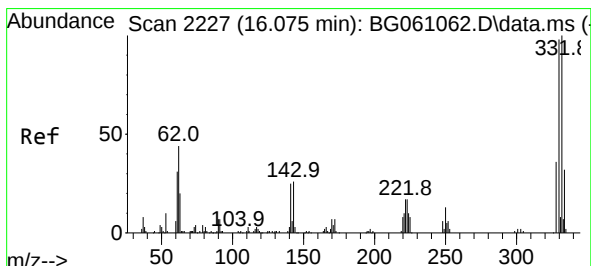
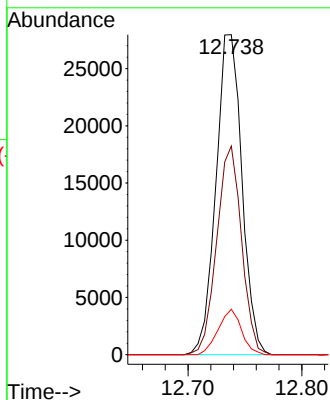
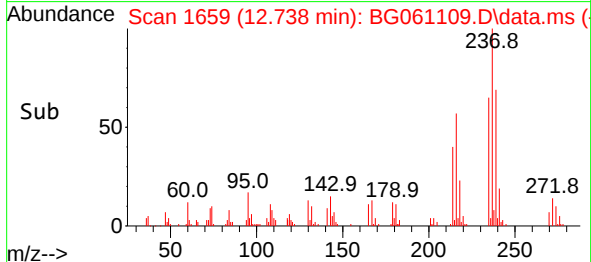
Instrument :
BNA_G
ClientSampleId :
V359MS



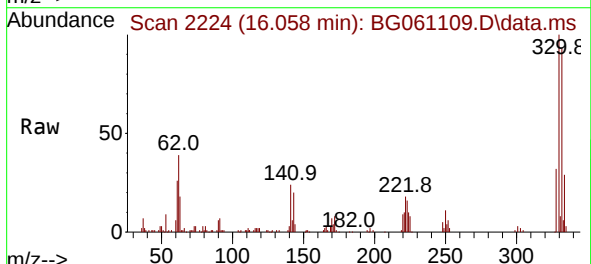
Tgt Ion:237 Resp: 44438
Ion Ratio Lower Upper
237 100
235 65.2 46.5 86.5
272 14.2 0.0 33.9

Manual Integrations
APPROVED

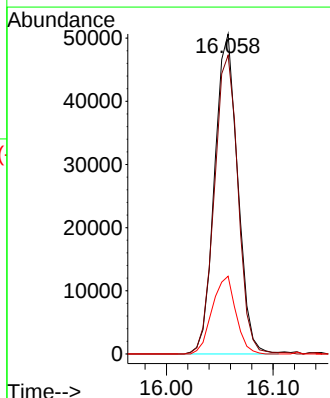
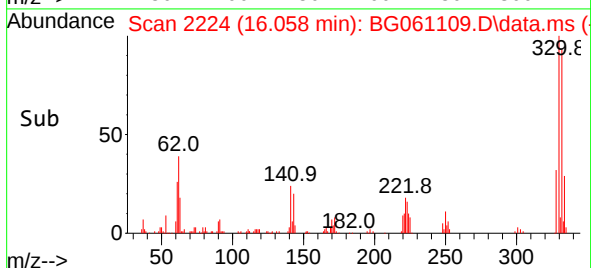
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

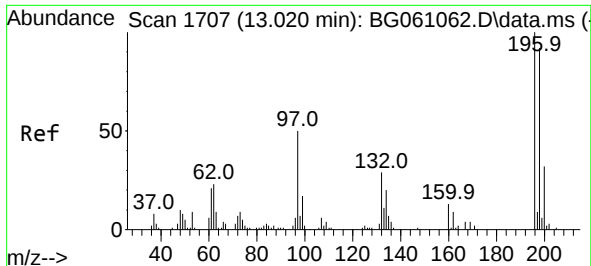


#42
2,4,6-Tribromophenol
Concen: 45.536 ng
RT: 16.058 min Scan# 2224
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



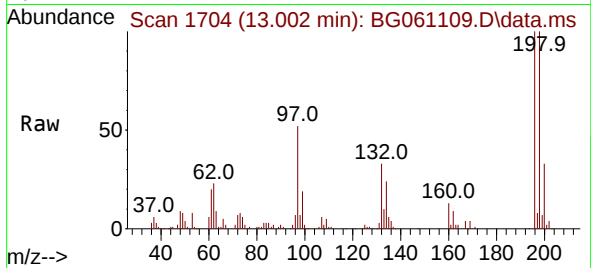
Tgt Ion:330 Resp: 76261
Ion Ratio Lower Upper
330 100
332 95.3 78.6 117.8
141 24.8 20.5 30.7





#43
2,4,6-Trichlorophenol
Concen: 50.384 ng
RT: 13.002 min Scan# 1716
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

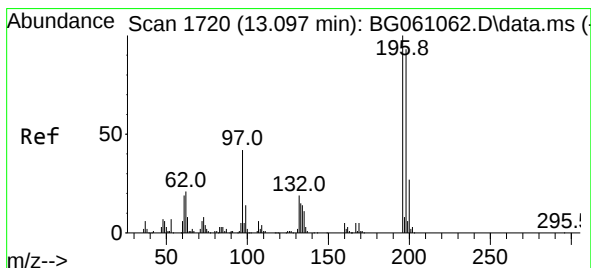
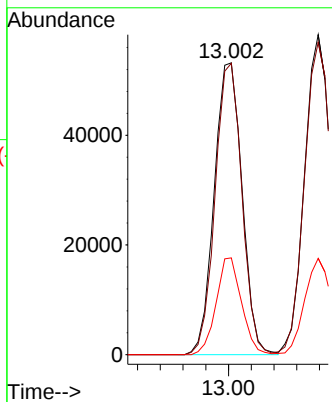
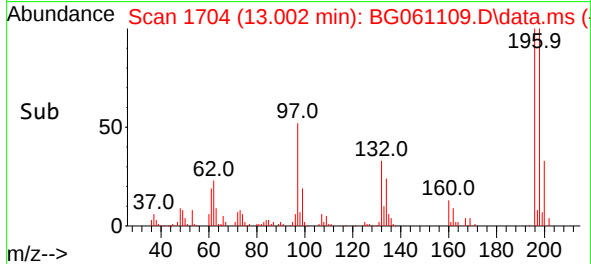
Instrument :
BNA_G
ClientSampleId :
V359MS



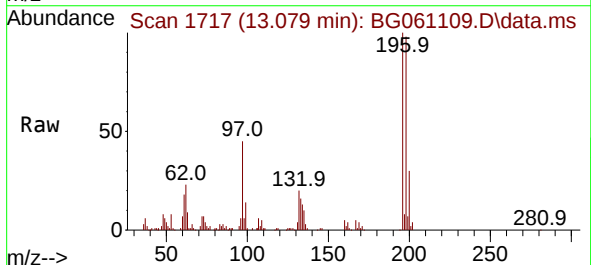
Tgt Ion:196 Resp: 90449
Ion Ratio Lower Upper
196 100
198 99.8 73.8 110.6
200 33.2 25.5 38.3

Manual Integrations
APPROVED

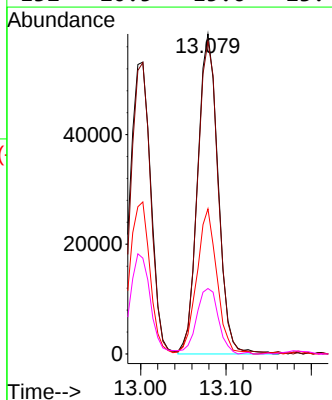
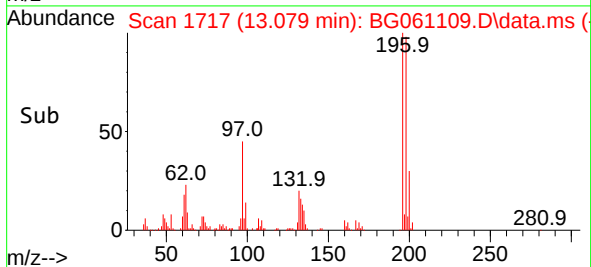
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

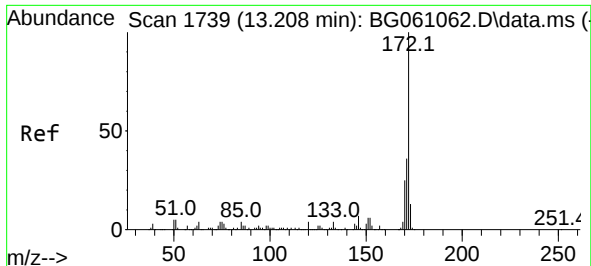


#44
2,4,5-Trichlorophenol
Concen: 47.914 ng
RT: 13.079 min Scan# 1717
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



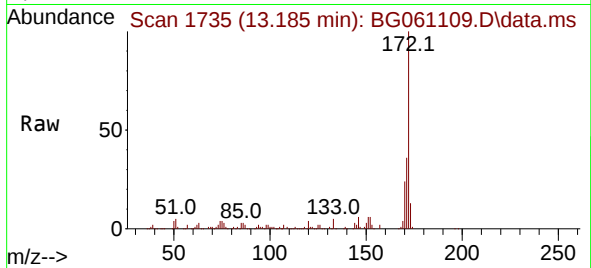
Tgt Ion:196 Resp: 97348
Ion Ratio Lower Upper
196 100
198 97.7 74.3 111.5
97 45.3 33.6 50.4
132 20.5 15.6 23.4





#45
2-Fluorobiphenyl
Concen: 30.432 ng
RT: 13.185 min Scan# 1735
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

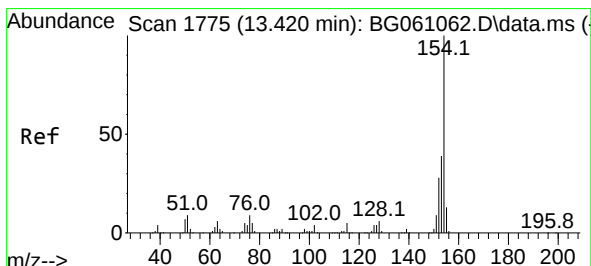
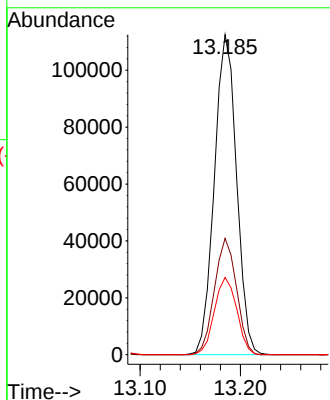
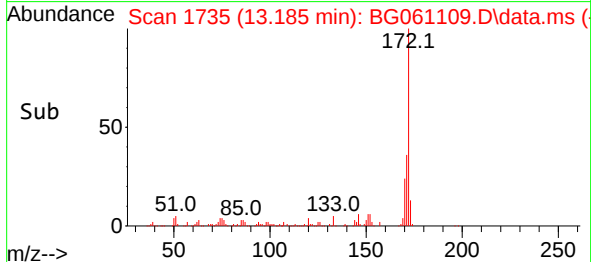
Instrument :
BNA_G
ClientSampleId :
V359MS



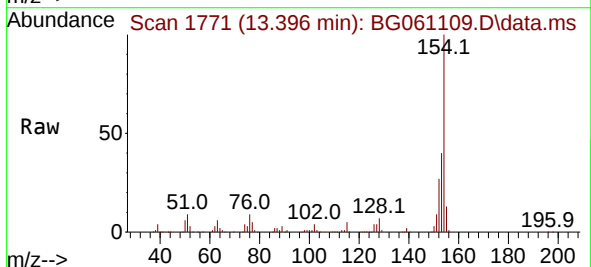
Tgt Ion:172 Resp: 172430
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.1 20.2 30.4

Manual Integrations
APPROVED

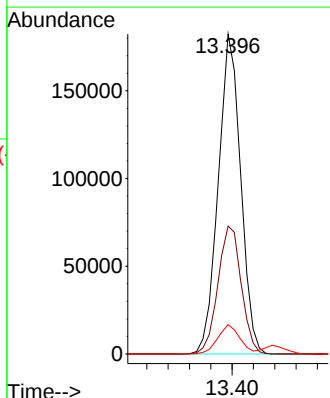
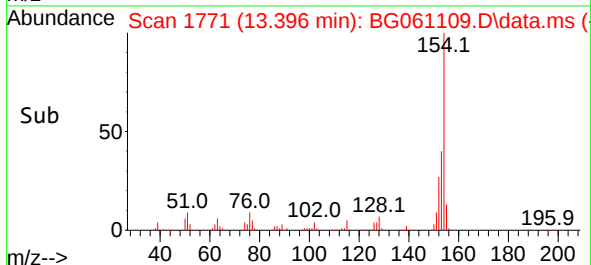
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

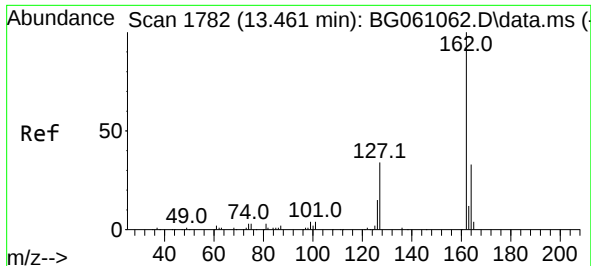


#46
1,1'-Biphenyl
Concen: 49.389 ng
RT: 13.396 min Scan# 1771
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



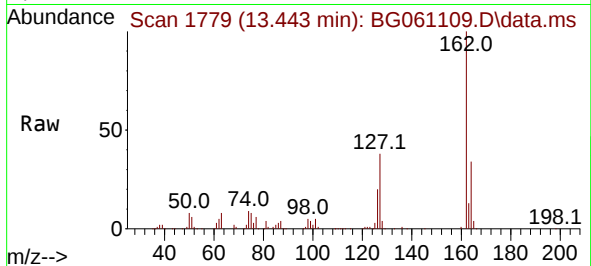
Tgt Ion:154 Resp: 265331
Ion Ratio Lower Upper
154 100
153 40.0 19.3 59.3
76 9.2 0.0 28.8





#47
2-Chloronaphthalene
Concen: 47.817 ng
RT: 13.443 min Scan# 1779
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

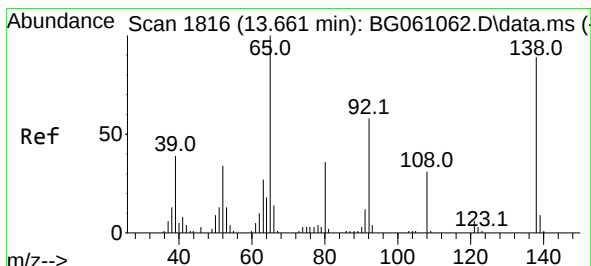
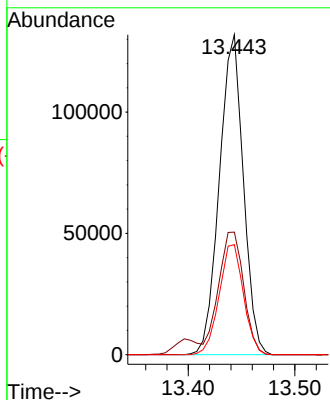
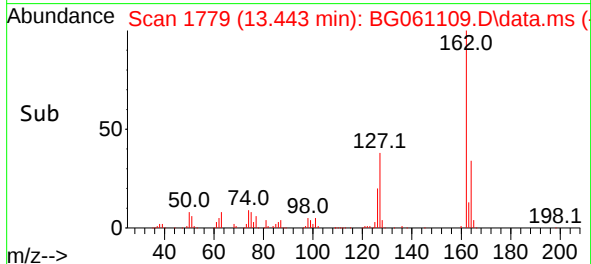
Instrument :
BNA_G
ClientSampleId :
V359MS



Tgt Ion:162 Resp: 205700
Ion Ratio Lower Upper
162 100
127 38.3 30.7 46.1
164 34.4 26.8 40.2

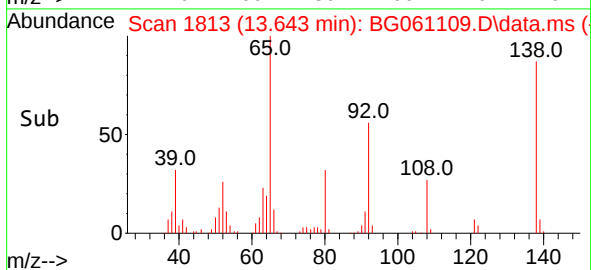
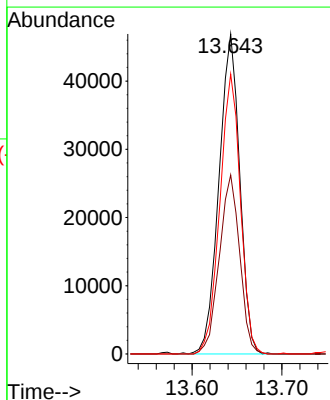
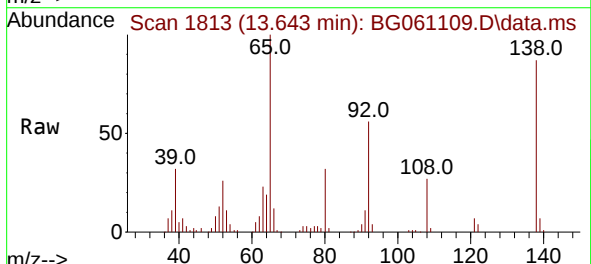
Manual Integrations
APPROVED

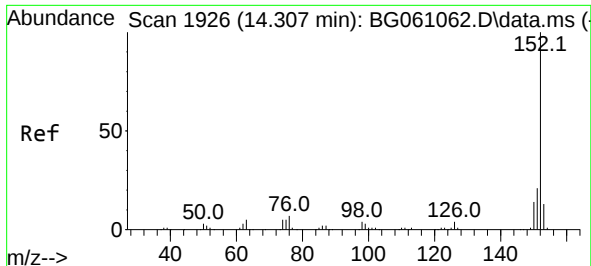
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#48
2-Nitroaniline
Concen: 47.145 ng
RT: 13.643 min Scan# 1813
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

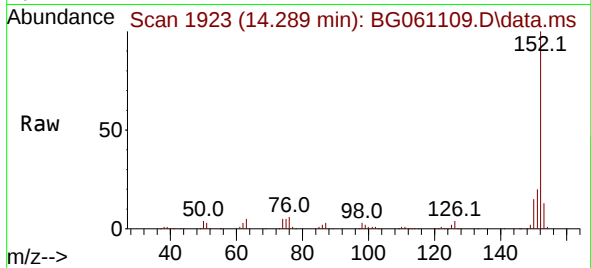
Tgt Ion: 65 Resp: 75258
Ion Ratio Lower Upper
65 100
92 56.0 46.7 70.1
138 87.5 71.4 107.2





#49
Acenaphthylene
Concen: 51.024 ng
RT: 14.289 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

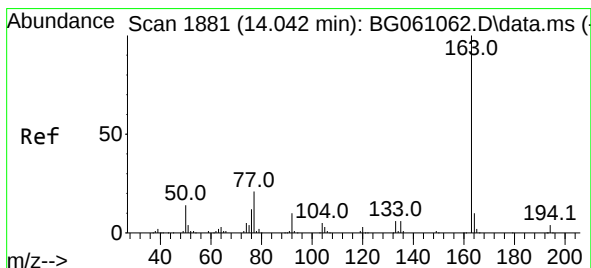
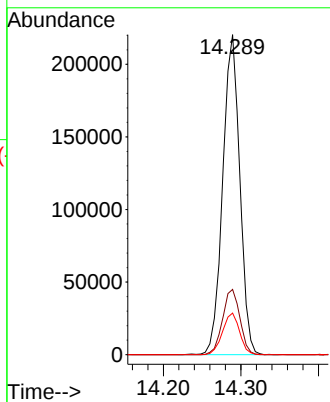
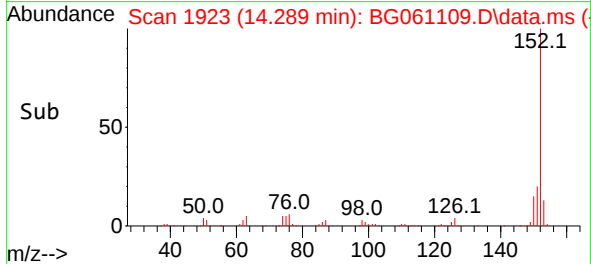
Instrument :
BNA_G
ClientSampleId :
V359MS



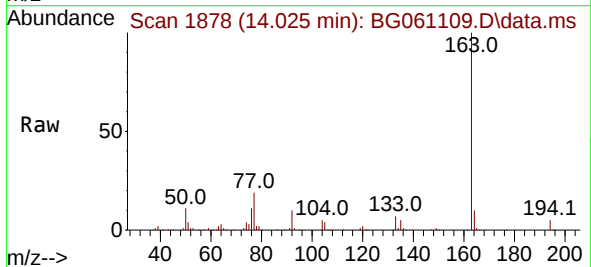
Tgt Ion:152 Resp: 33712
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.0 10.6 15.8

Manual Integrations
APPROVED

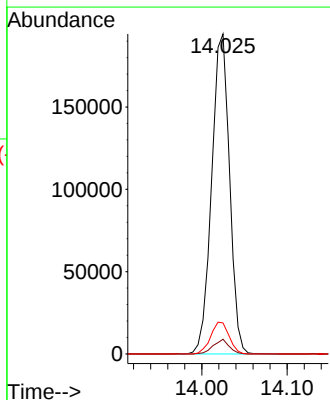
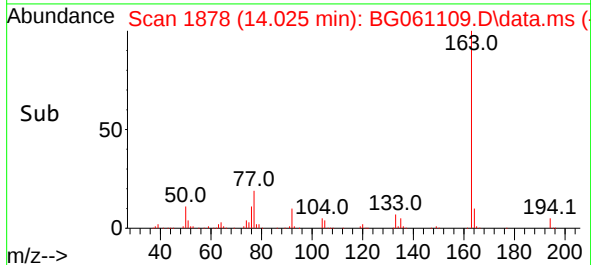
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

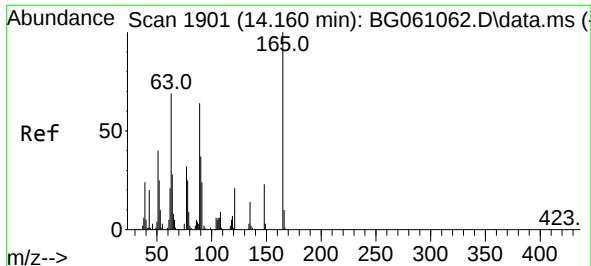


#50
Dimethylphthalate
Concen: 43.773 ng
RT: 14.025 min Scan# 1878
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



Tgt Ion:163 Resp: 283281
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 9.7 7.8 11.8





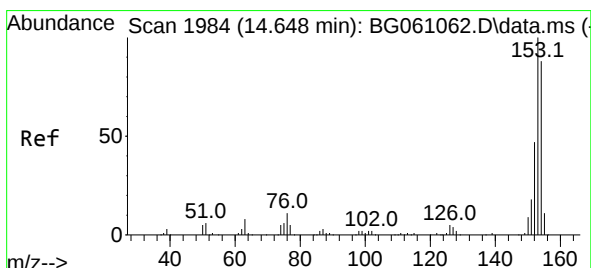
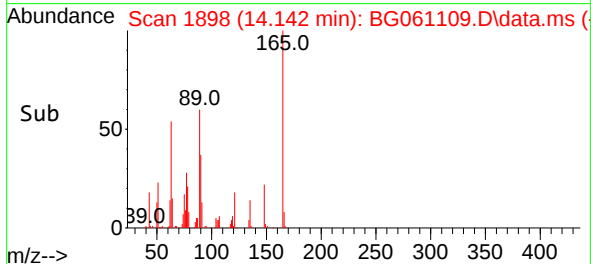
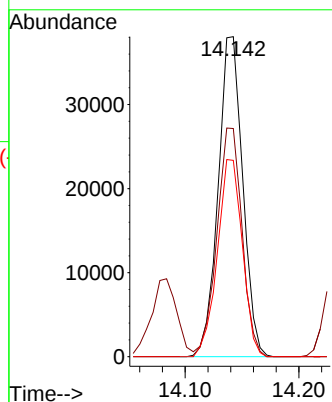
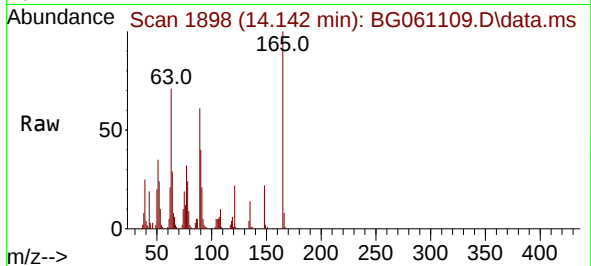
#51
2,6-Dinitrotoluene
Concen: 41.295 ng
RT: 14.142 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
ClientSampleId :
V359MS

Tgt Ion:165 Resp: 57162
Ion Ratio Lower Upper
165 100
63 71.3 60.0 90.0
89 61.3 50.9 76.3

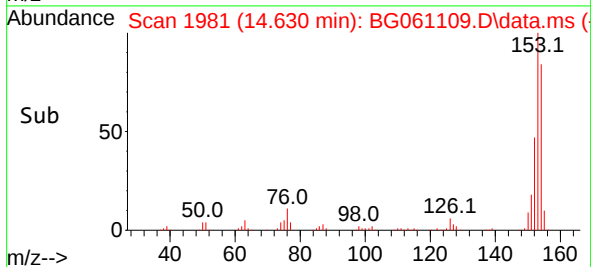
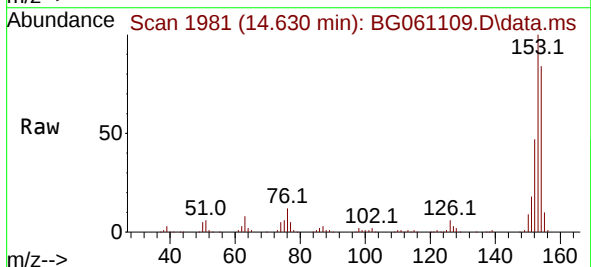
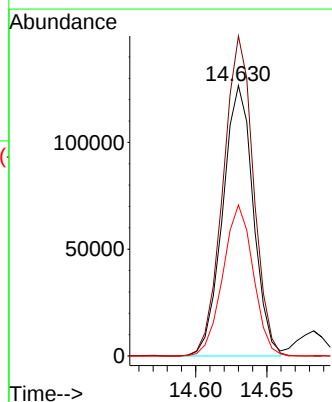
Manual Integrations
APPROVED

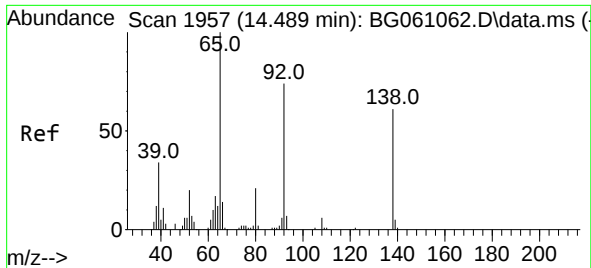
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#52
Acenaphthene
Concen: 45.945 ng
RT: 14.630 min Scan# 1981
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:154 Resp: 189370
Ion Ratio Lower Upper
154 100
153 118.4 91.0 136.4
152 55.9 43.1 64.7





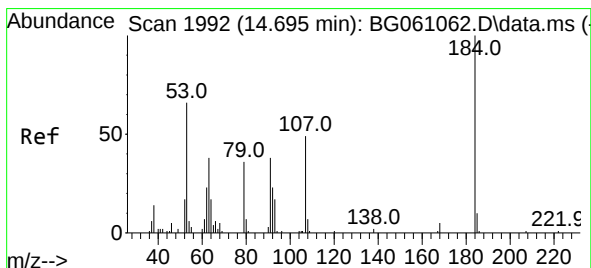
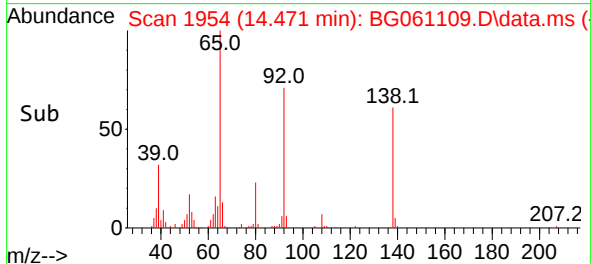
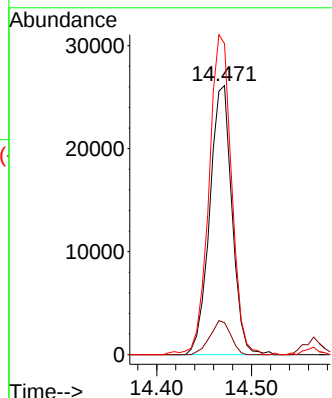
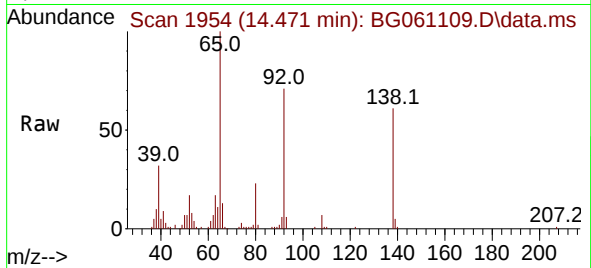
#53
3-Nitroaniline
Concen: 33.647 ng
RT: 14.471 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :
BNA_G
ClientSampleId :
V359MS

Tgt Ion:138 Resp: 42610
Ion Ratio Lower Upper
138 100
108 11.9 8.2 12.2
92 115.6 98.0 147.0

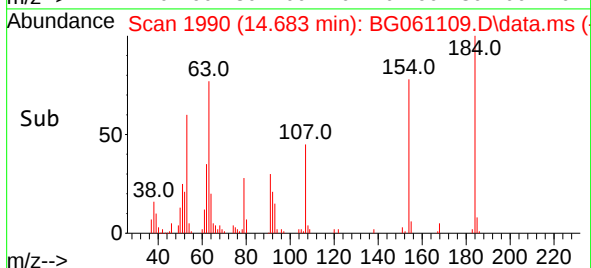
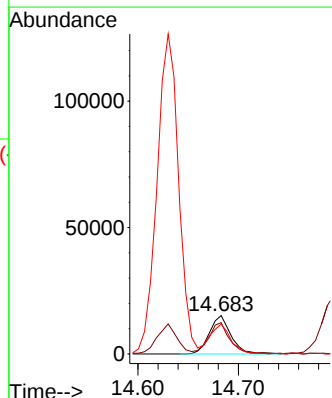
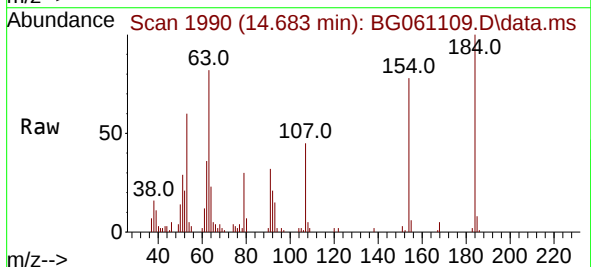
Manual Integrations
APPROVED

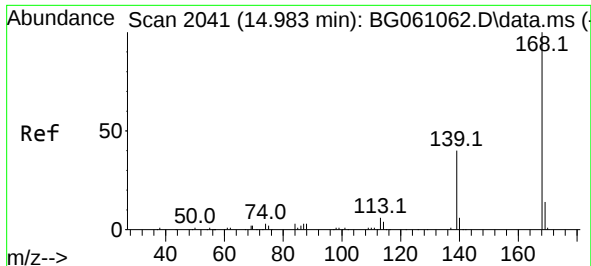
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#54
2,4-Dinitrophenol
Concen: 24.666 ng
RT: 14.683 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

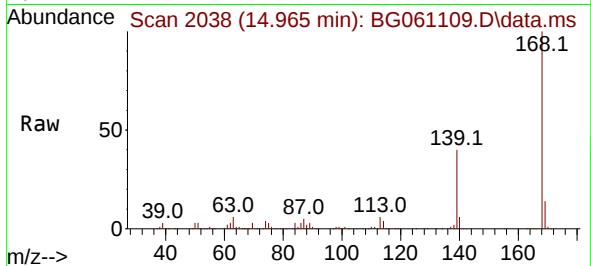
Tgt Ion:184 Resp: 22663
Ion Ratio Lower Upper
184 100
63 81.5 62.6 93.8
154 77.6 61.4 92.0





#55
Dibenzenofuran
Concen: 46.843 ng
RT: 14.965 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

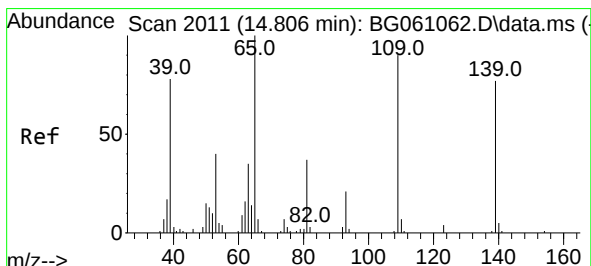
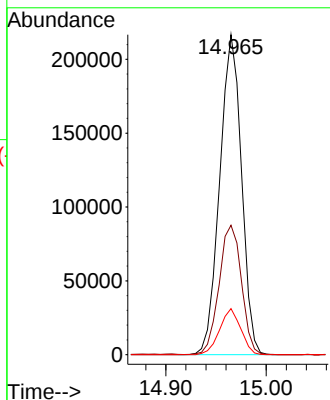
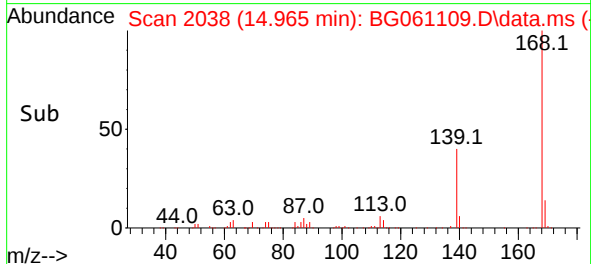
Instrument :
BNA_G
ClientSampleId :
V359MS



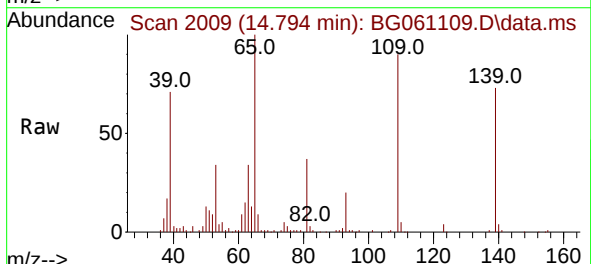
Tgt Ion:168 Resp: 326114
Ion Ratio Lower Upper
168 100
139 40.5 32.2 48.4
169 14.4 11.4 17.2

Manual Integrations
APPROVED

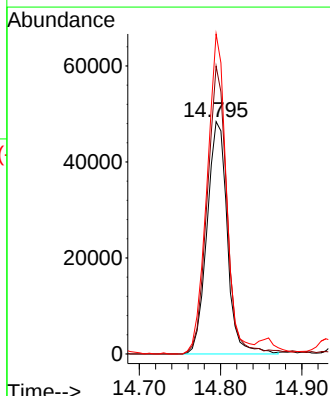
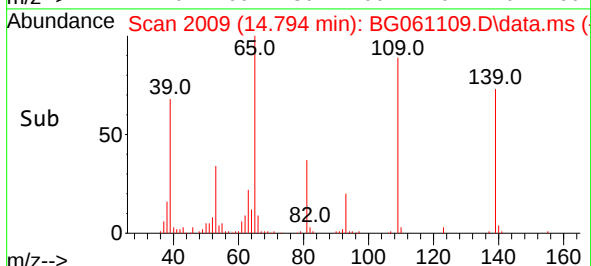
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

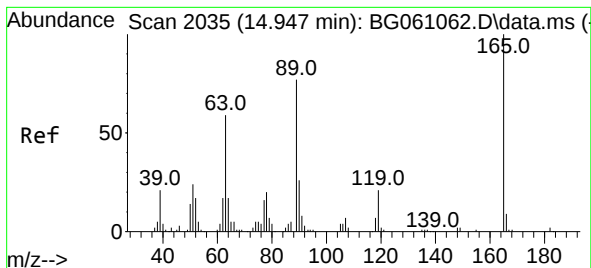


#56
4-Nitrophenol
Concen: 82.004 ng
RT: 14.794 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



Tgt Ion:139 Resp: 83938
Ion Ratio Lower Upper
139 100
109 123.9 97.7 137.7
65 137.7 110.7 150.7





#57
2,4-Dinitrotoluene
Concen: 41.039 ng
RT: 14.930 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

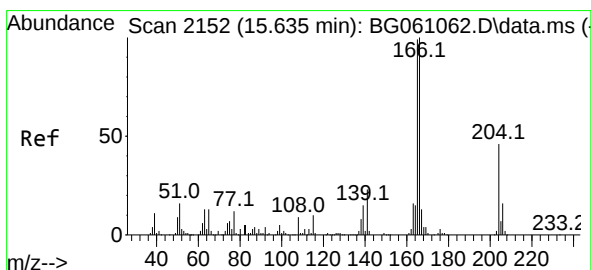
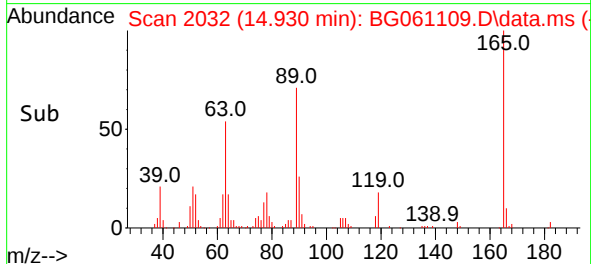
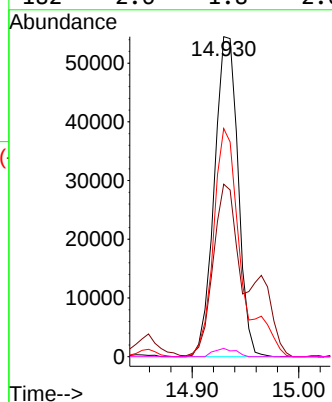
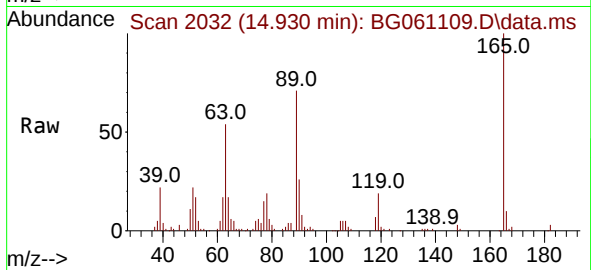
V359MS

Tgt Ion:165 Resp: 8404
Ion Ratio Lower Upper
165 100
63 53.9 47.3 70.9
89 71.3 61.8 92.8
182 2.6 1.8 2.6

Manual Integrations

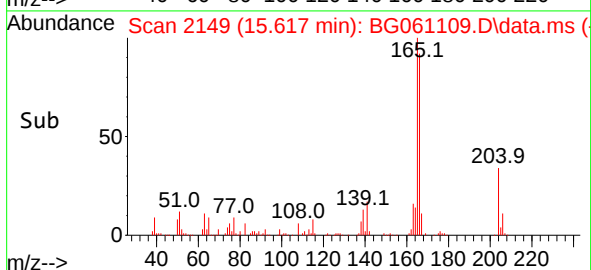
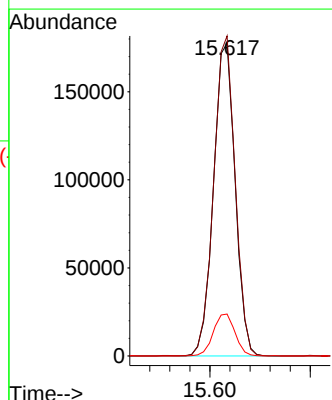
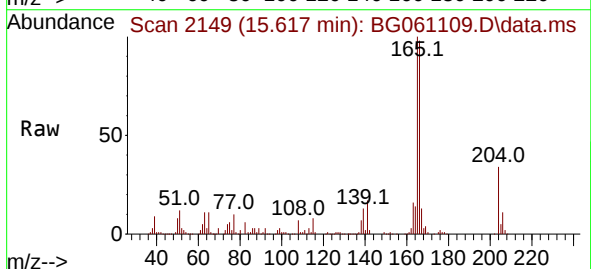
APPROVED

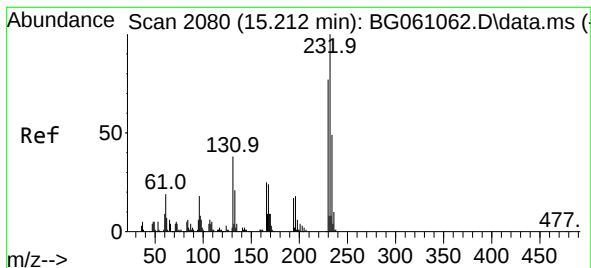
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#58
Fluorene
Concen: 44.045 ng
RT: 15.617 min Scan# 2149
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

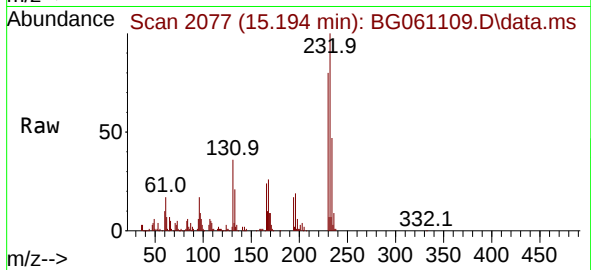
Tgt Ion:166 Resp: 265340
Ion Ratio Lower Upper
166 100
165 102.3 78.9 118.3
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.759 ng
RT: 15.194 min Scan# 2080
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

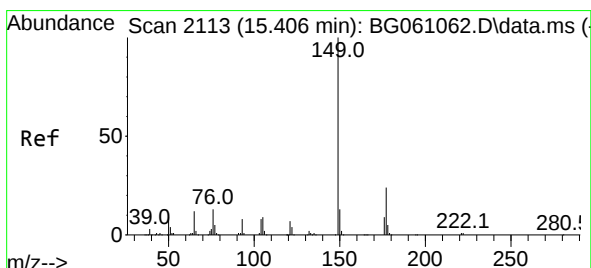
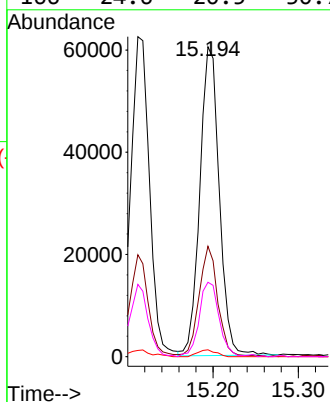
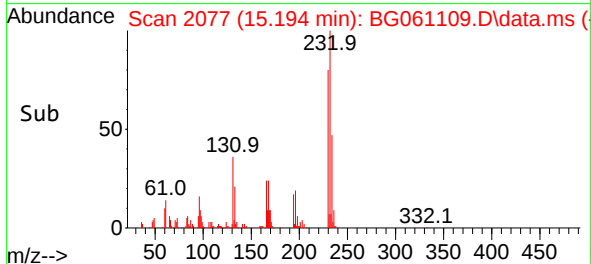
Instrument :
BNA_G
ClientSampleId :
V359MS



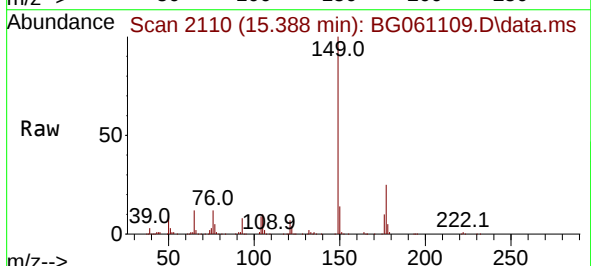
Tgt Ion:232 Resp: 95704
Ion Ratio Lower Upper
232 100
131 33.7 27.0 40.4
130 2.1 1.7 2.5
166 24.6 20.5 30.7

Manual Integrations
APPROVED

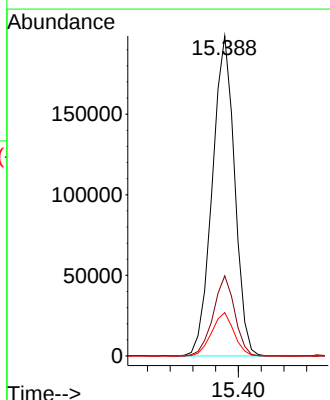
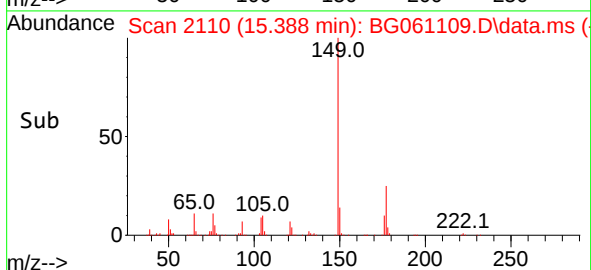
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

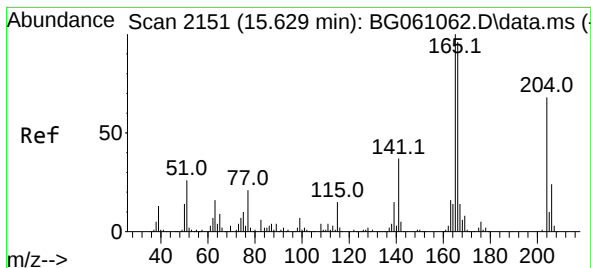


#60
Diethylphthalate
Concen: 41.331 ng
RT: 15.388 min Scan# 2110
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



Tgt Ion:149 Resp: 269728
Ion Ratio Lower Upper
149 100
177 25.1 19.1 28.7
150 13.5 10.6 16.0





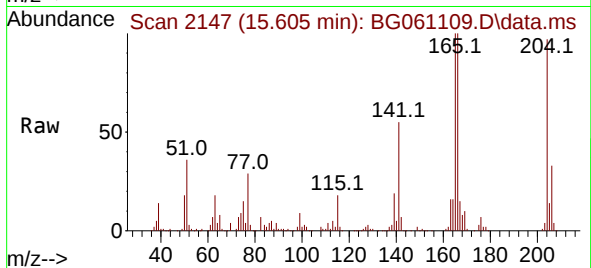
#61
4-Chlorophenyl-phenylether
Concen: 44.707 ng
RT: 15.605 min Scan# 2147
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS

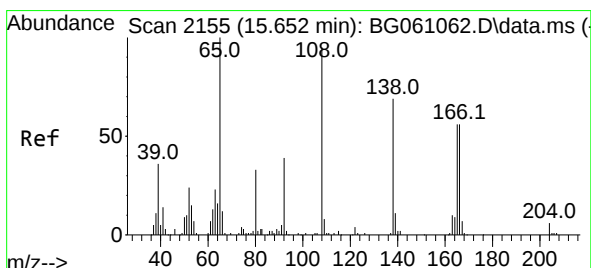
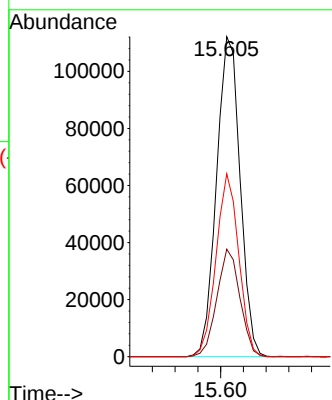
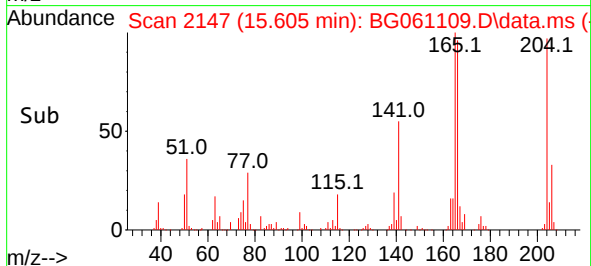


Tgt Ion:204 Resp: 161718
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.6
141 57.2 42.9 64.3

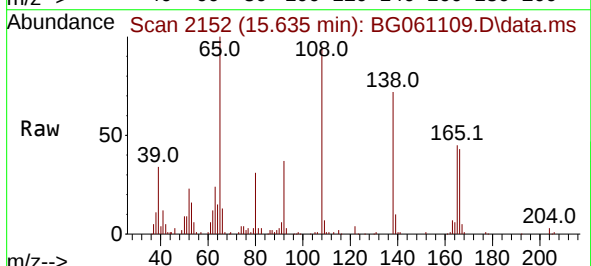
Manual Integrations

APPROVED

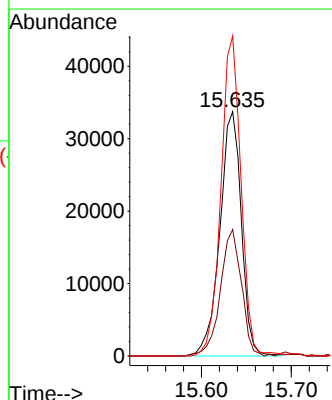
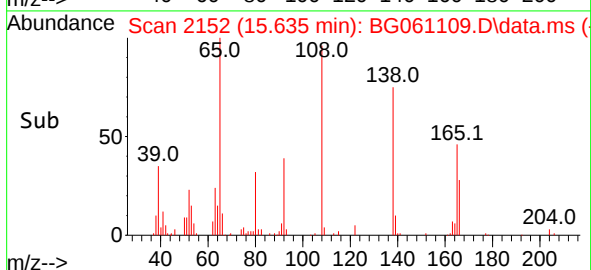
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

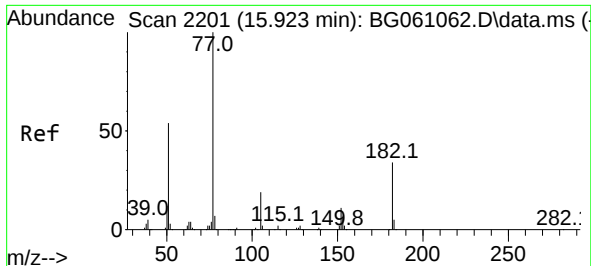


#62
4-Nitroaniline
Concen: 40.759 ng
RT: 15.635 min Scan# 2152
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



Tgt Ion:138 Resp: 55991
Ion Ratio Lower Upper
138 100
92 51.7 35.5 75.5
108 130.9 116.2 156.2





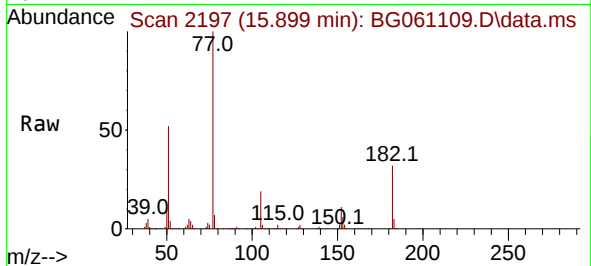
#63
Azobenzene
Concen: 44.600 ng
RT: 15.899 min Scan# 2197
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS

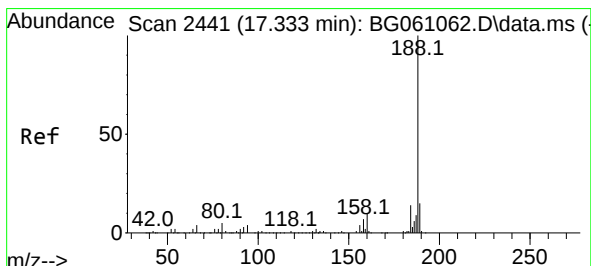
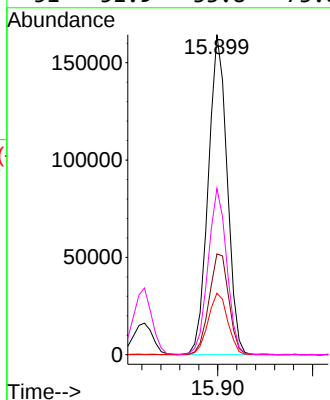
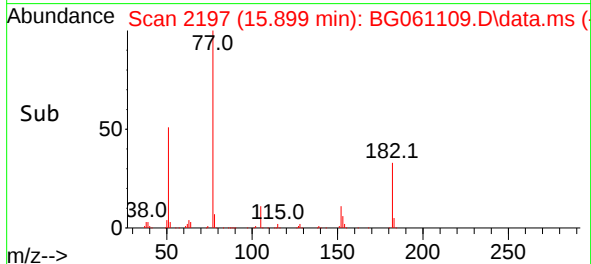


Tgt Ion: 77 Resp: 226570
Ion Ratio Lower Upper
77 100
182 31.5 13.5 53.5
105 19.2 0.0 39.3
51 51.9 33.8 73.8

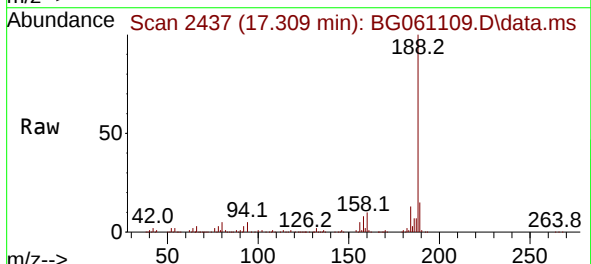
Manual Integrations

APPROVED

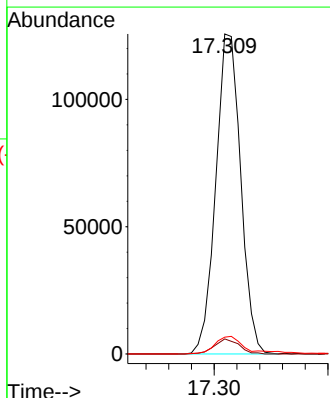
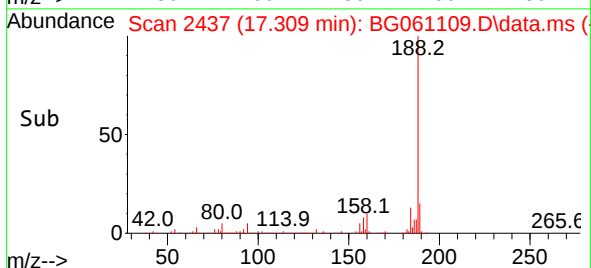
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

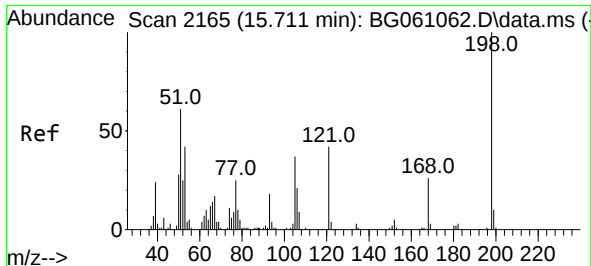


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2437
Delta R.T. -0.024 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



Tgt Ion:188 Resp: 191325
Ion Ratio Lower Upper
188 100
94 4.7 3.6 5.4
80 5.2 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 16.762 ng
RT: 15.699 min Scan# 2163
Delta R.T. -0.012 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

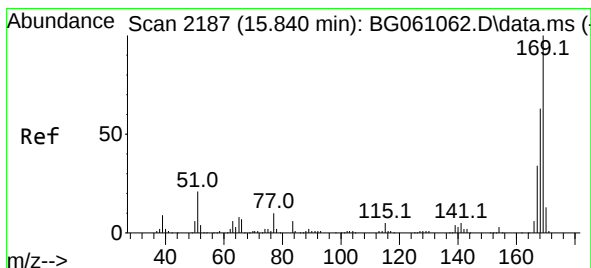
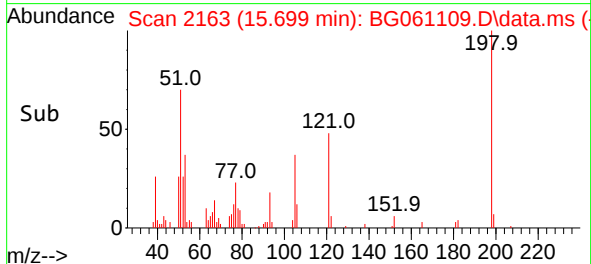
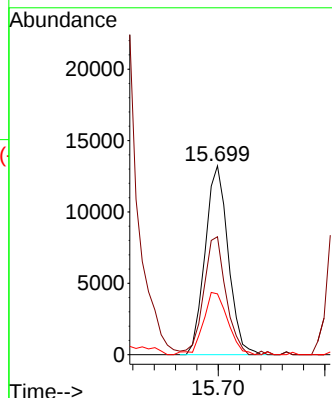
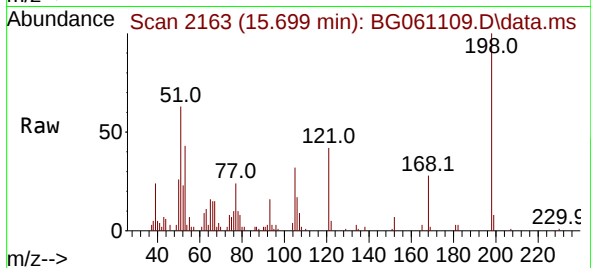
V359MS

Tgt Ion:198 Resp: 1989
Ion Ratio Lower Upper
198 100
51 62.5 41.2 81.2
105 32.2 16.7 56.7

Manual Integrations

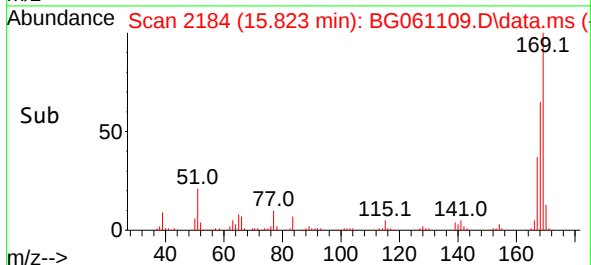
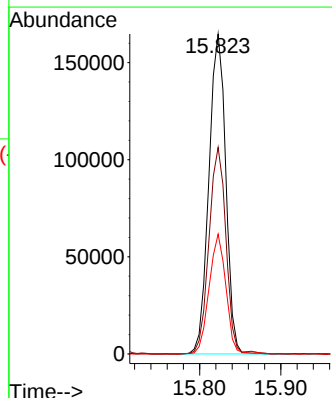
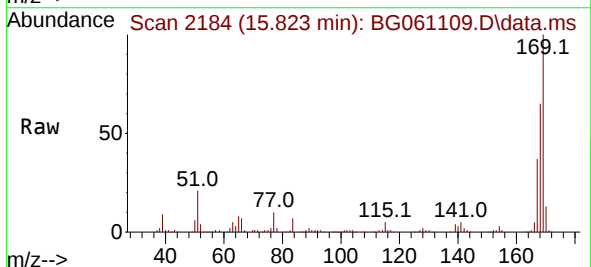
APPROVED

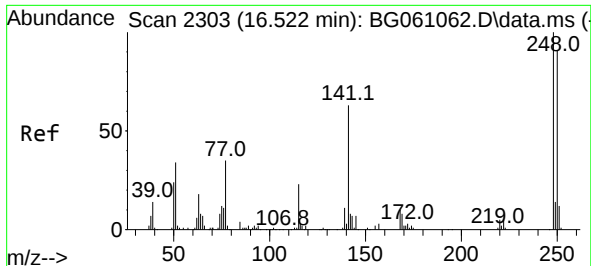
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#66
n-Nitrosodiphenylamine
Concen: 49.956 ng
RT: 15.823 min Scan# 2184
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:169 Resp: 237018
Ion Ratio Lower Upper
169 100
168 64.5 50.6 75.8
167 37.4 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 50.262 ng
RT: 16.504 min Scan# 211
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

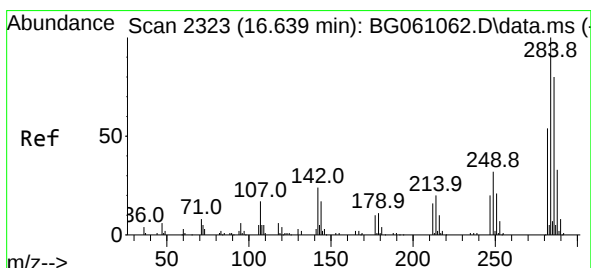
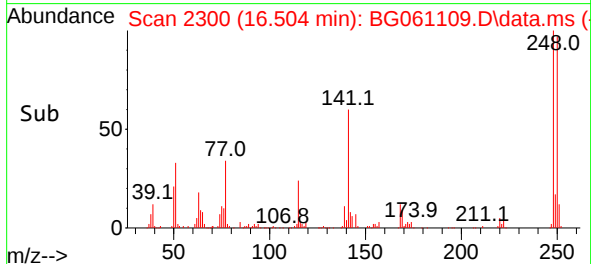
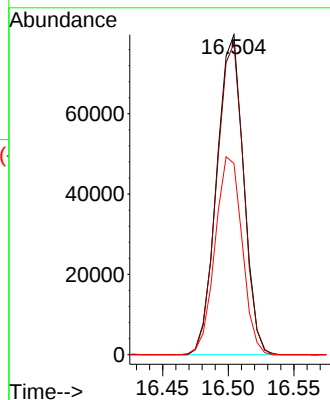
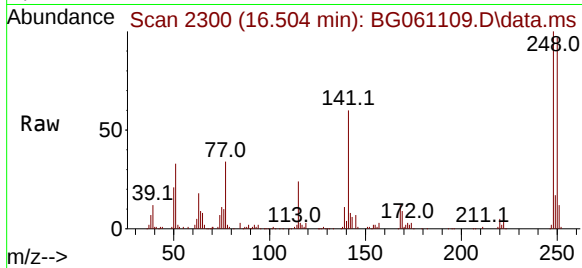
V359MS

Tgt Ion:248 Resp: 11328
Ion Ratio Lower Upper
248 100
250 97.3 73.0 109.4
141 59.8 50.8 76.2

Manual Integrations

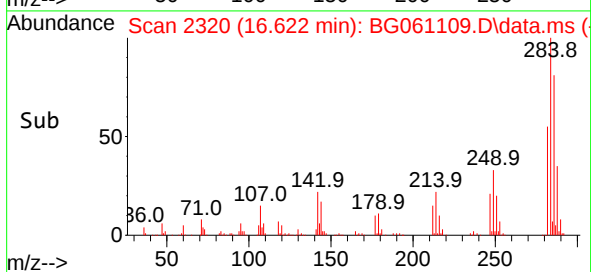
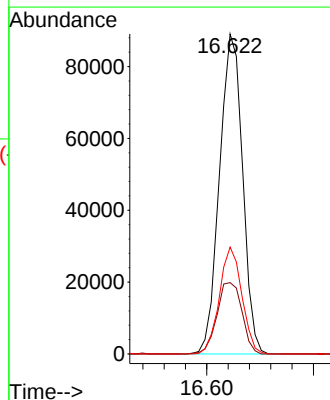
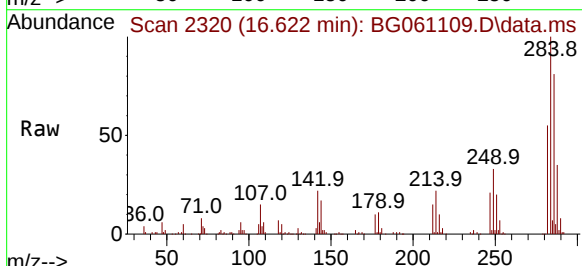
APPROVED

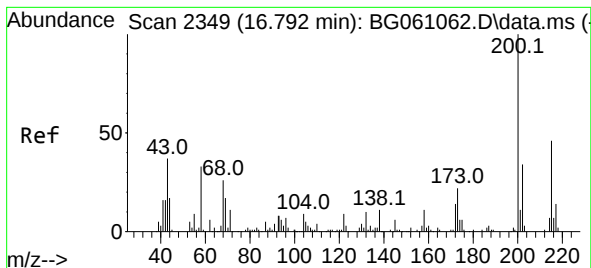
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#68
Hexachlorobenzene
Concen: 47.660 ng
RT: 16.622 min Scan# 2320
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:284 Resp: 133697
Ion Ratio Lower Upper
284 100
142 22.3 19.2 28.8
249 33.4 25.4 38.2





#69

Atrazine

Concen: 53.069 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS

Tgt Ion:200 Resp: 103838

Ion Ratio Lower Upper

200 100

173 21.8 2.0 42.0

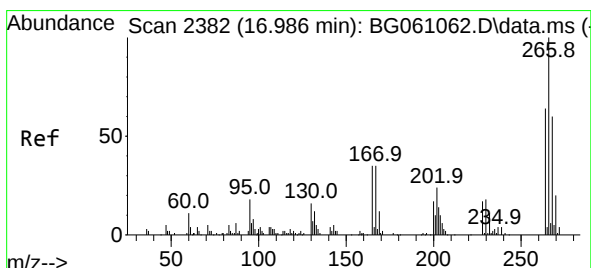
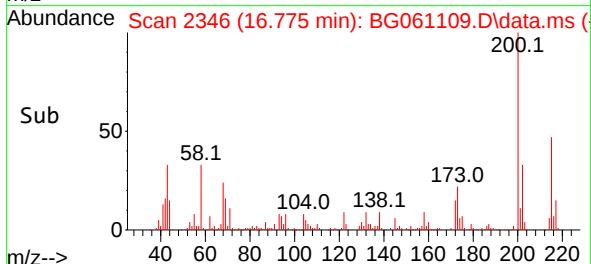
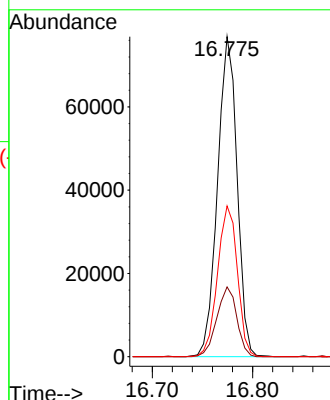
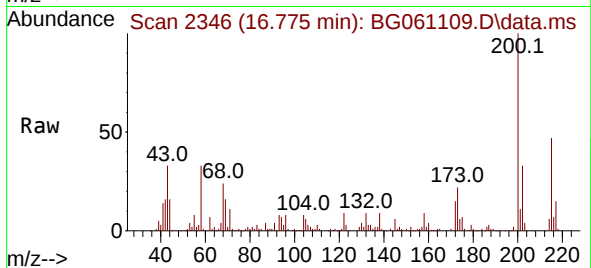
215 47.1 26.2 66.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#70

Pentachlorophenol

Concen: 89.606 ng

RT: 16.968 min Scan# 2379

Delta R.T. -0.018 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

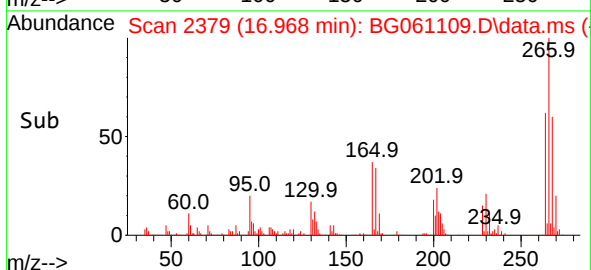
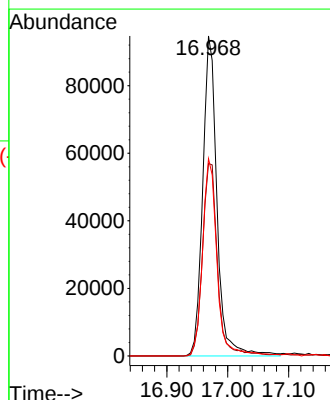
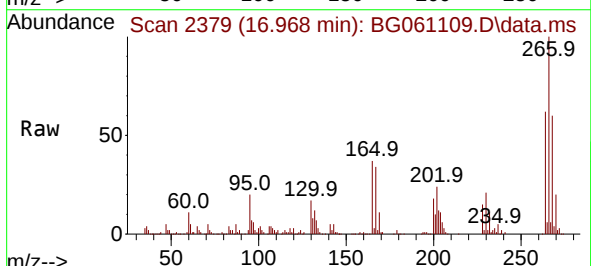
Tgt Ion:266 Resp: 154427

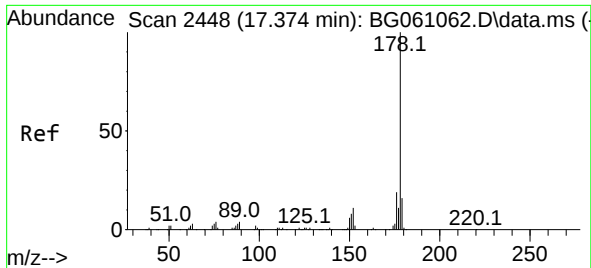
Ion Ratio Lower Upper

266 100

268 60.2 47.8 71.8

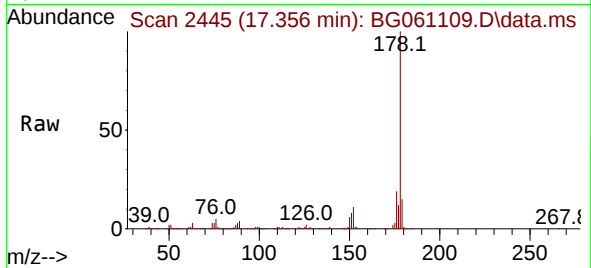
264 61.7 51.5 77.3





#71
Phenanthrene
Concen: 49.834 ng
RT: 17.356 min Scan# 2445
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

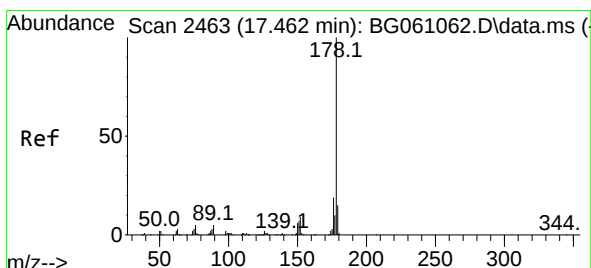
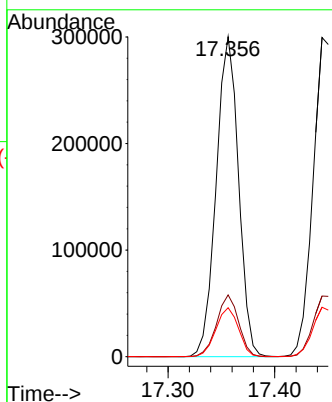
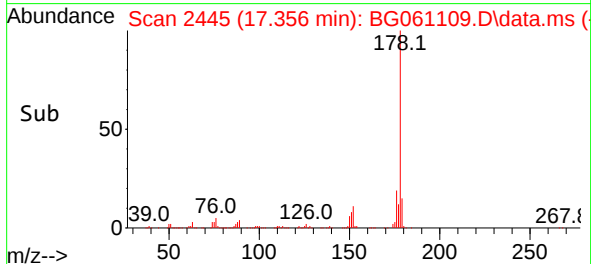
Instrument :
BNA_G
ClientSampleId :
V359MS



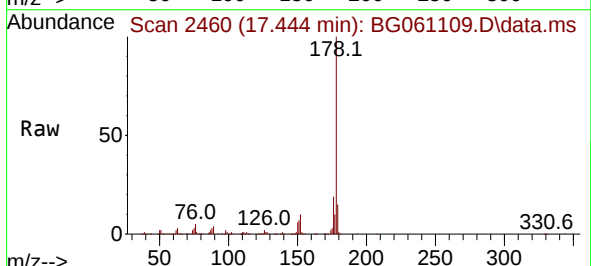
Tgt Ion:178 Resp: 43596
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.3 12.6 19.0

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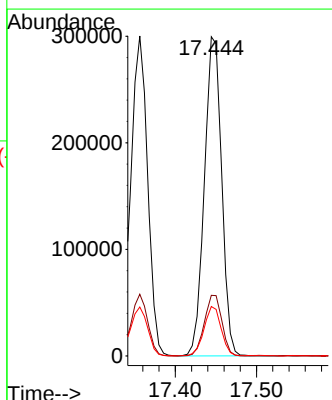
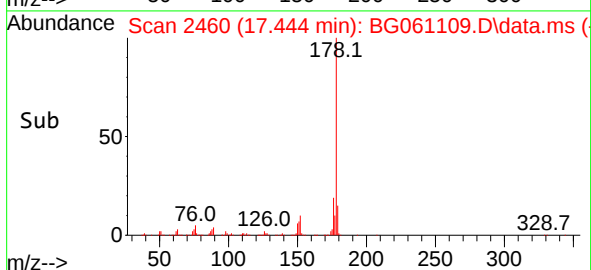
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

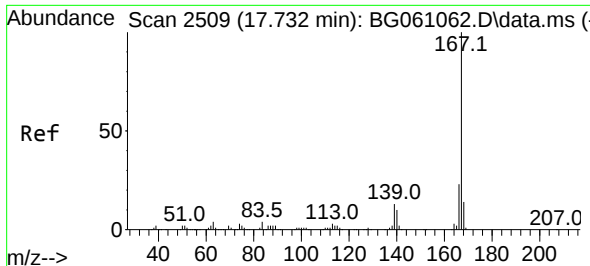


#72
Anthracene
Concen: 50.550 ng
RT: 17.444 min Scan# 2460
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



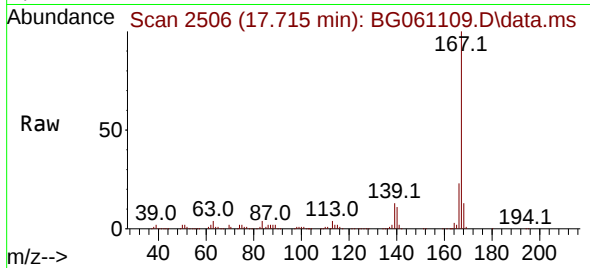
Tgt Ion:178 Resp: 441264
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.5 12.0 18.0





#73
 Carbazole
 Concen: 47.541 ng
 RT: 17.715 min Scan# 2506
 Delta R.T. -0.018 min
 Lab File: BG061109.D
 Acq: 3 May 2024 16:50

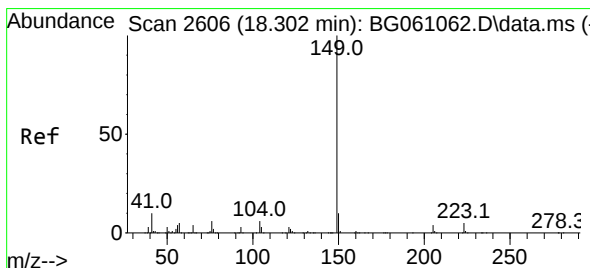
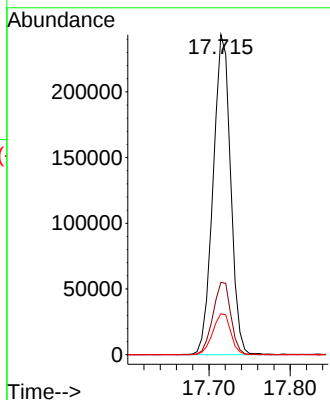
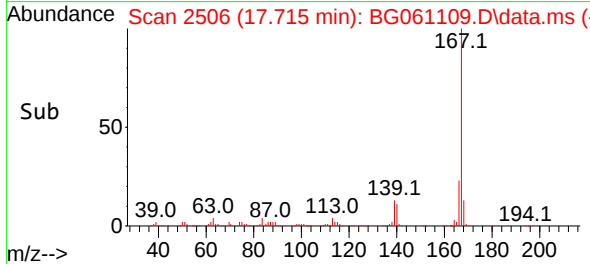
Instrument :
 BNA_G
 ClientSampleId :
 V359MS



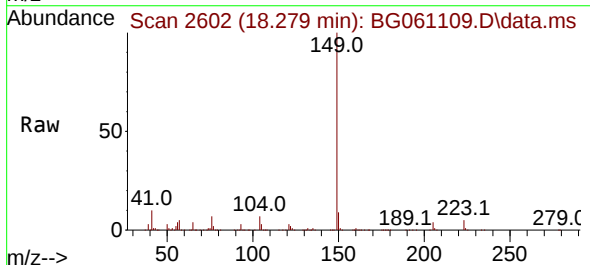
Tgt Ion:167 Resp: 36488
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.7 28.1
 139 12.8 10.6 15.8

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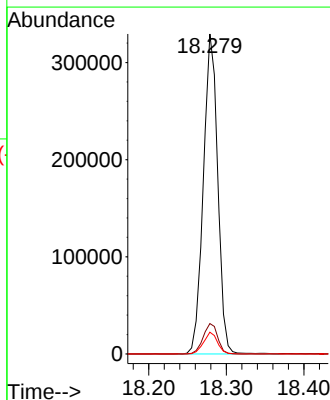
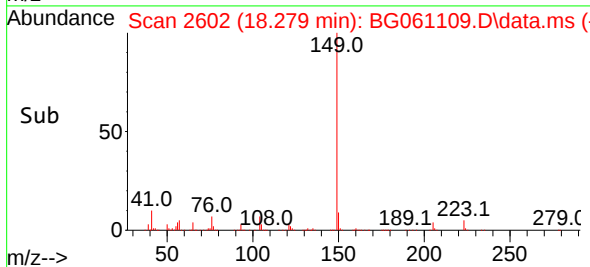
Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

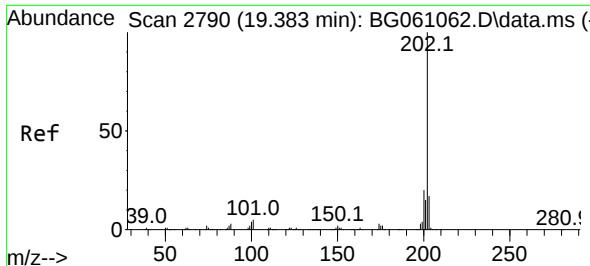


#74
 Di-n-butylphthalate
 Concen: 46.447 ng
 RT: 18.279 min Scan# 2602
 Delta R.T. -0.024 min
 Lab File: BG061109.D
 Acq: 3 May 2024 16:50



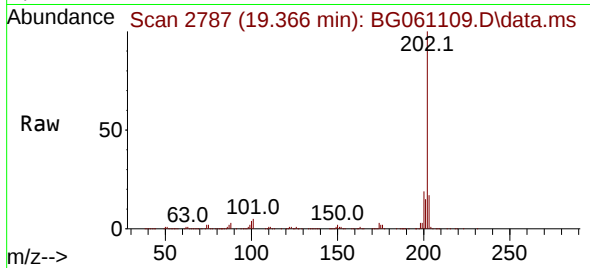
Tgt Ion:149 Resp: 423893
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.8 5.0 7.6





#75
Fluoranthene
Concen: 45.411 ng
RT: 19.366 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

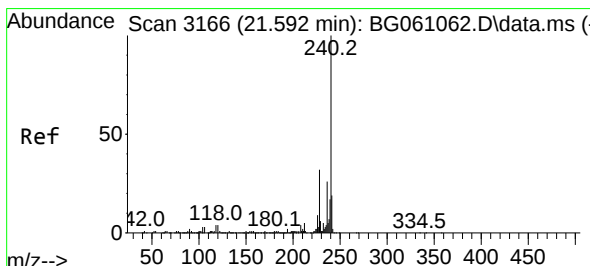
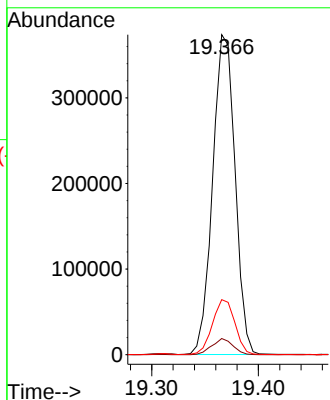
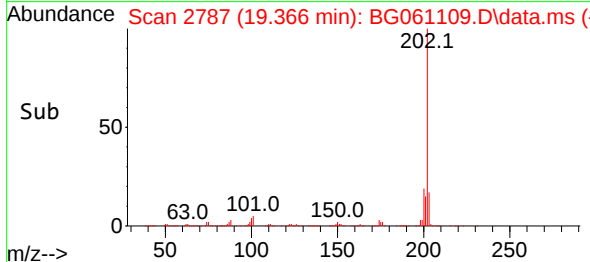
Instrument :
BNA_G
ClientSampleId :
V359MS



Tgt Ion:202 Resp: 54424
Ion Ratio Lower Upper
202 100
101 5.1 0.0 24.7
203 17.2 0.0 37.1

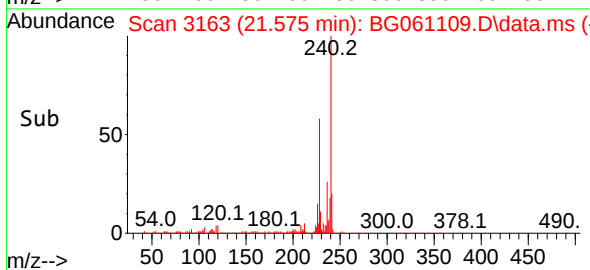
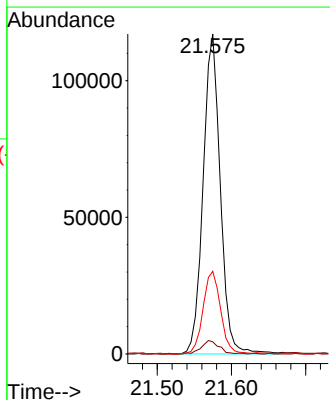
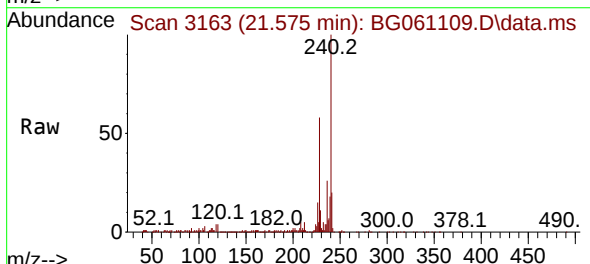
Manual Integrations
APPROVED

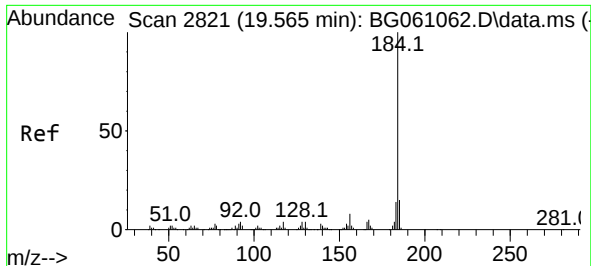
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3163
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

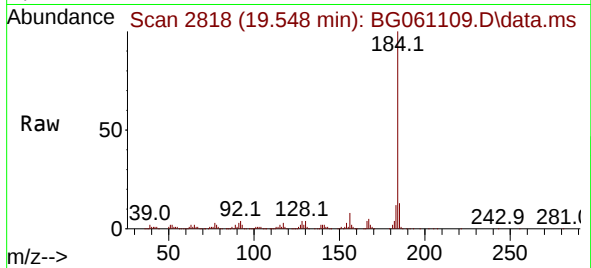
Tgt Ion:240 Resp: 188689
Ion Ratio Lower Upper
240 100
120 3.8 3.2 4.8
236 25.9 21.0 31.6





#77
Benzidine
Concen: 72.454 ng
RT: 19.548 min Scan# 2818
Delta R.T. -0.017 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

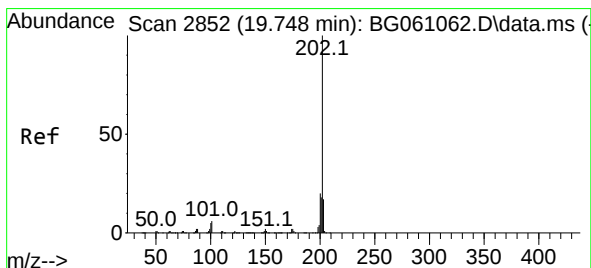
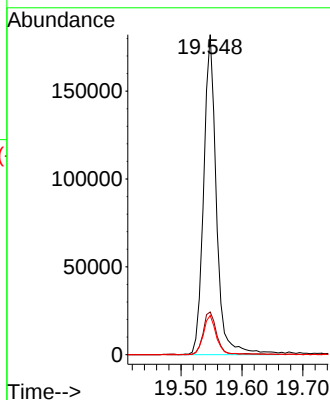
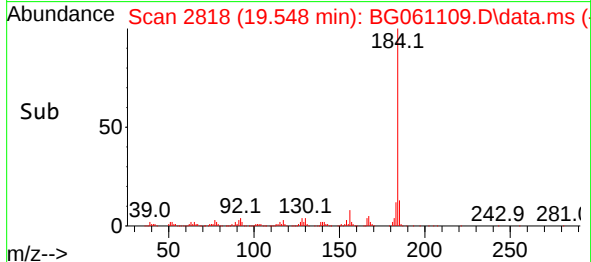
Instrument :
BNA_G
ClientSampleId :
V359MS



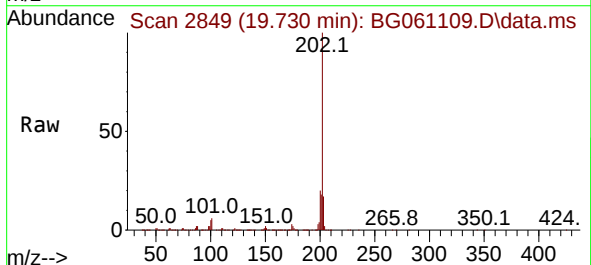
Tgt Ion:184 Resp: 26558
Ion Ratio Lower Upper
184 100
185 13.3 12.0 18.0
183 12.3 10.9 16.3

Manual Integrations
APPROVED

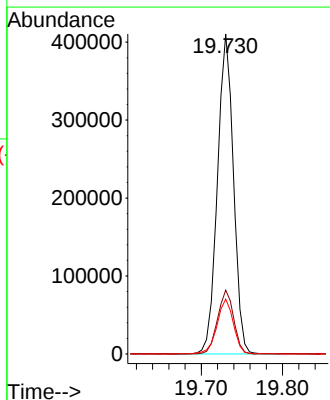
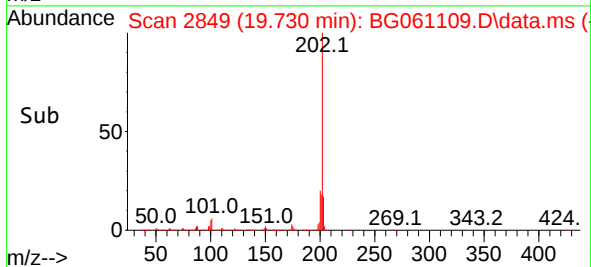
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

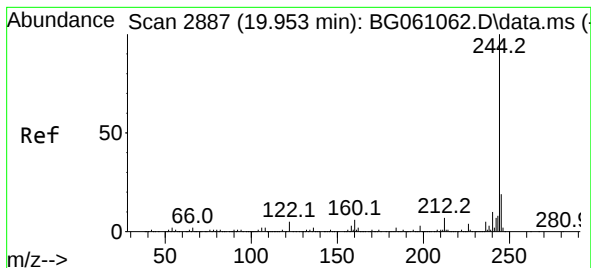


#78
Pyrene
Concen: 47.020 ng
RT: 19.730 min Scan# 2849
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



Tgt Ion:202 Resp: 564052
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.4
203 17.2 13.3 19.9





#79

Terphenyl-d14

Concen: 23.019 ng

RT: 19.930 min Scan# 2

Delta R.T. -0.024 min

Lab File: BG061109.D

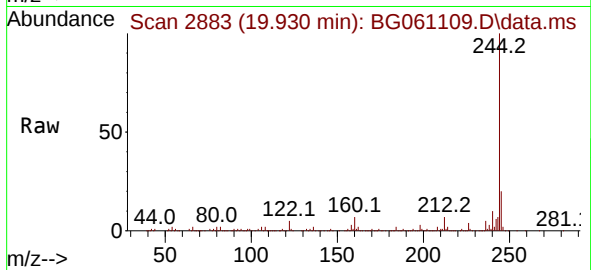
Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS



Tgt Ion:244 Resp: 26116

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

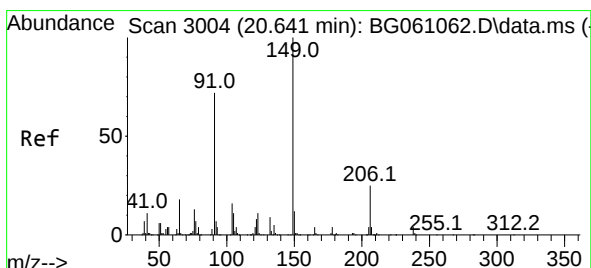
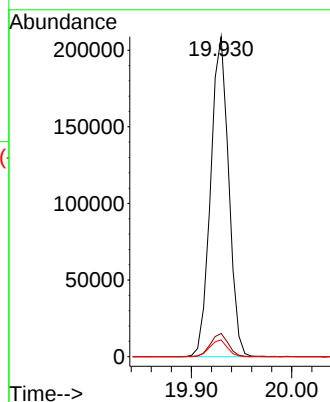
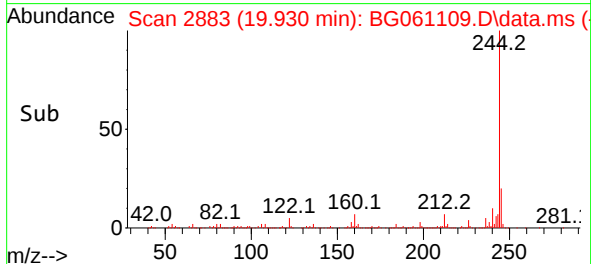
122 5.3 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#80

Butylbenzylphthalate

Concen: 47.693 ng

RT: 20.623 min Scan# 3001

Delta R.T. -0.018 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

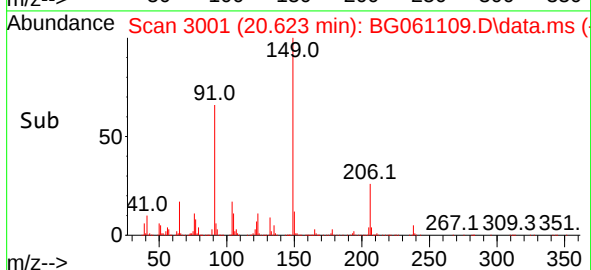
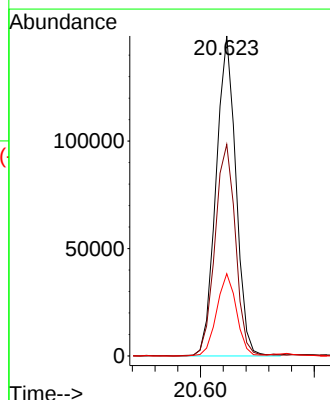
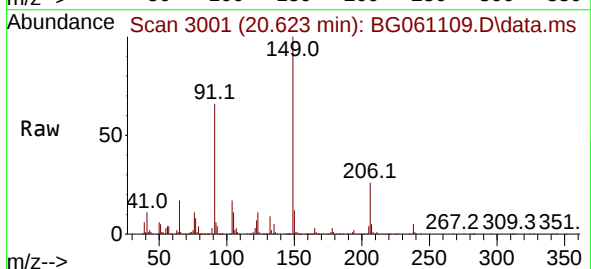
Tgt Ion:149 Resp: 181103

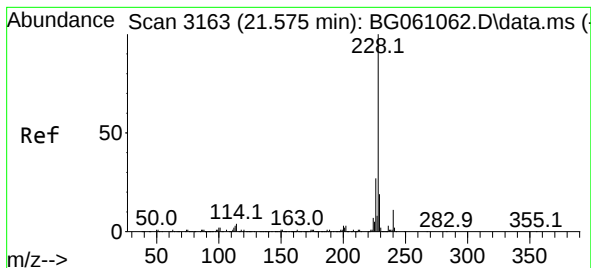
Ion Ratio Lower Upper

149 100

91 66.1 57.4 86.2

206 25.7 19.8 29.6





#81

Benzo(a)anthracene

Concen: 47.966 ng

RT: 21.551 min Scan# 3159

Delta R.T. -0.024 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS

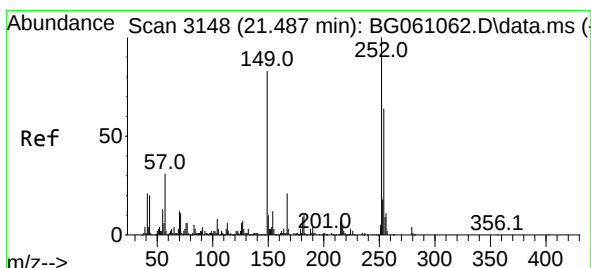
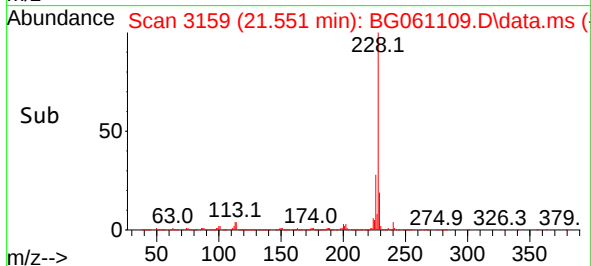
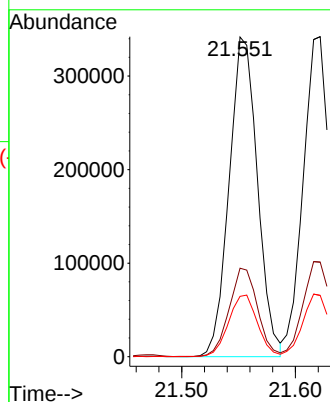
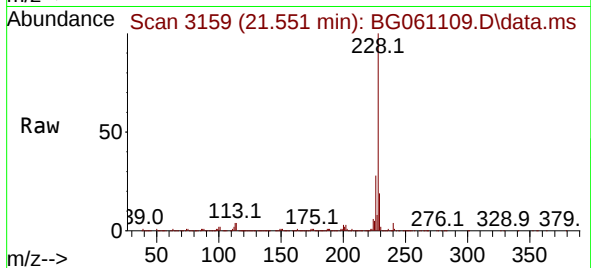
Tgt Ion:	228	Resp:	59225
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.6	32.4
229	18.9	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.628 ng

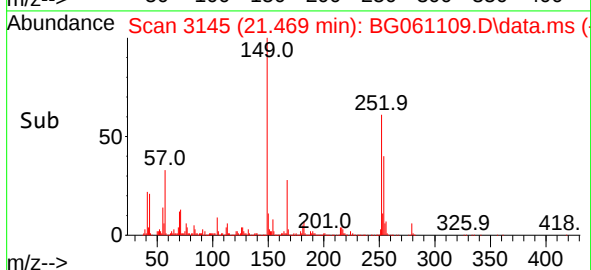
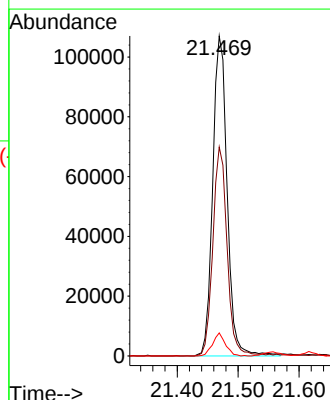
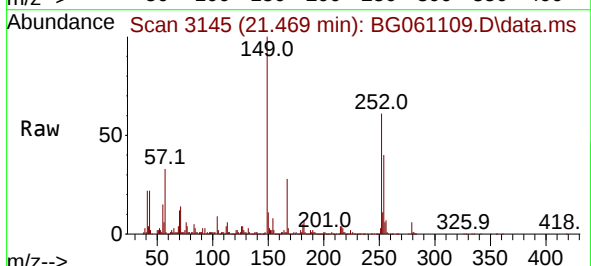
RT: 21.469 min Scan# 3145

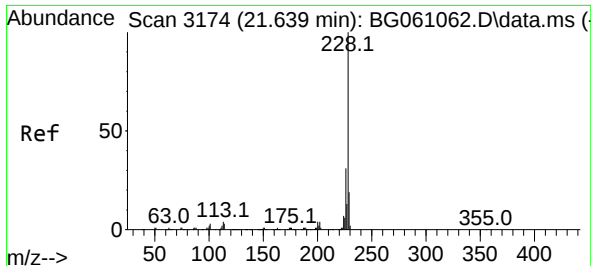
Delta R.T. -0.018 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

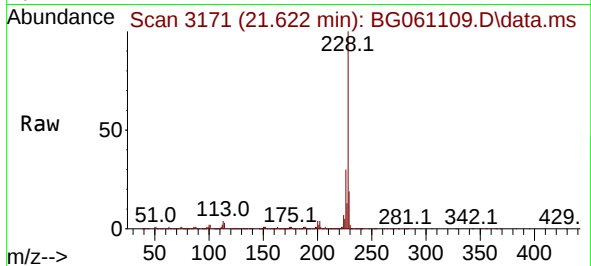
Tgt Ion:	252	Resp:	176087
Ion Ratio	Lower	Upper	
252	100		
254	65.3	51.3	76.9
126	7.2	5.2	7.8





#83
Chrysene
Concen: 49.647 ng
RT: 21.622 min Scan# 3171
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

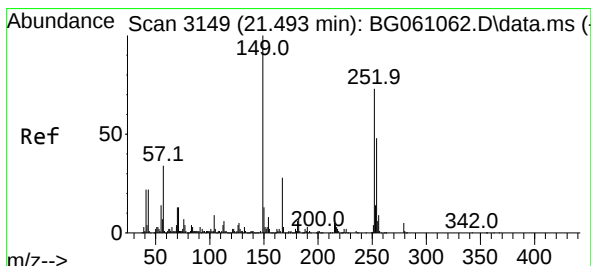
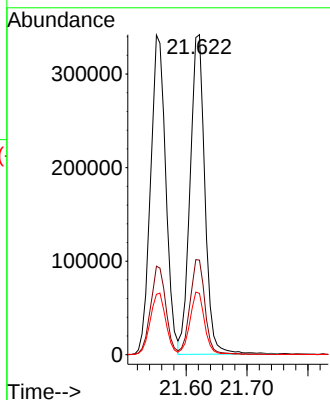
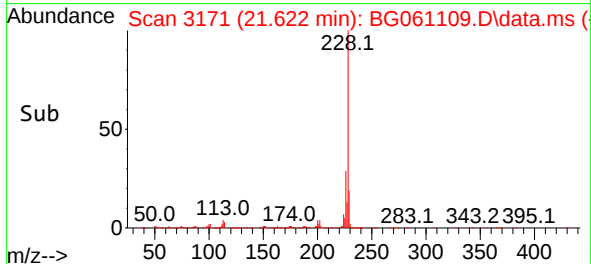
Instrument :
BNA_G
ClientSampleId :
V359MS



Tgt Ion:228 Resp: 57432
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 19.2 14.8 22.2

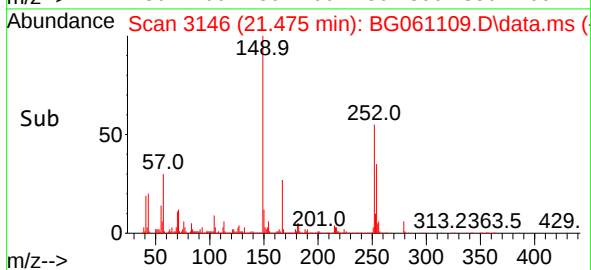
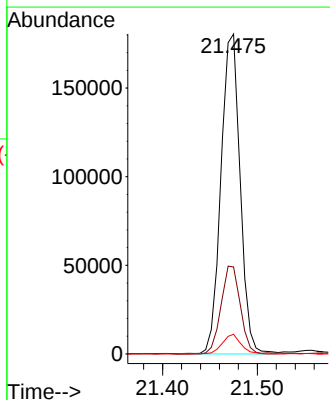
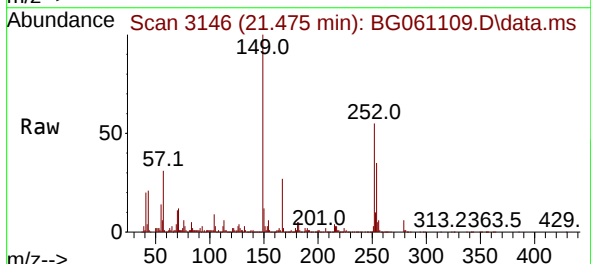
Manual Integrations
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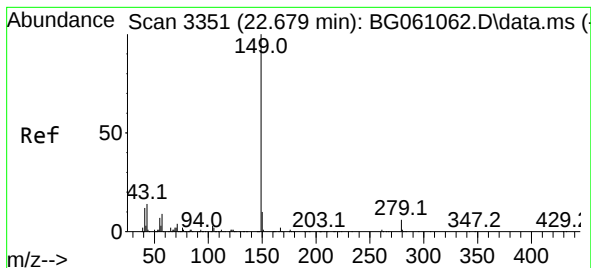
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.312 ng
RT: 21.475 min Scan# 3146
Delta R.T. -0.018 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

Tgt Ion:149 Resp: 254437
Ion Ratio Lower Upper
149 100
167 27.2 22.1 33.1
279 6.2 4.1 6.1#





#85

Di-n-octyl phthalate

Concen: 50.139 ng

RT: 22.656 min Scan# 31

Delta R.T. -0.024 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

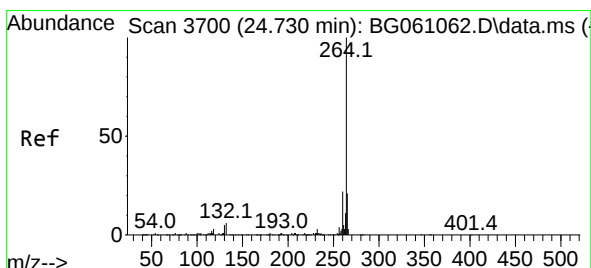
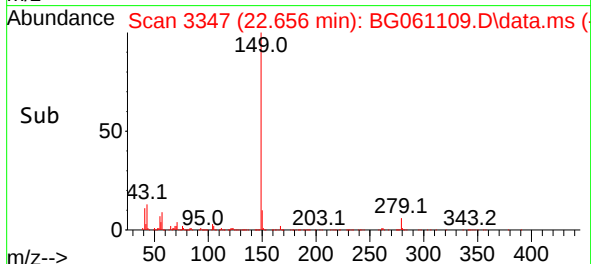
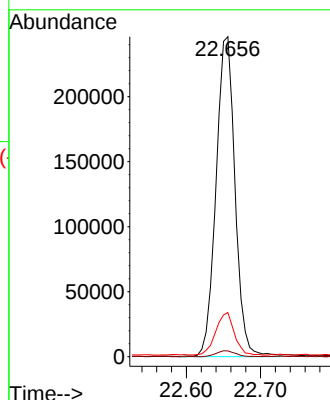
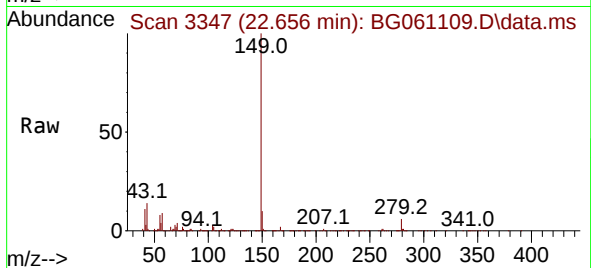
V359MS

Tgt Ion:149 Resp: 438640
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 12.9 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

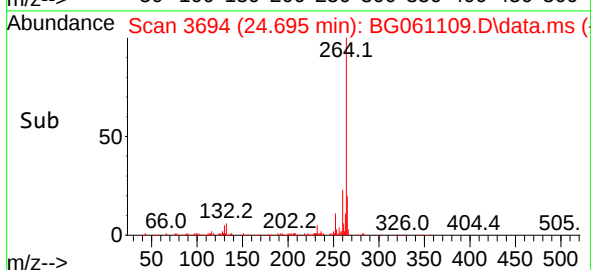
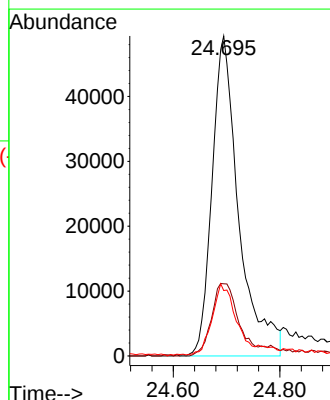
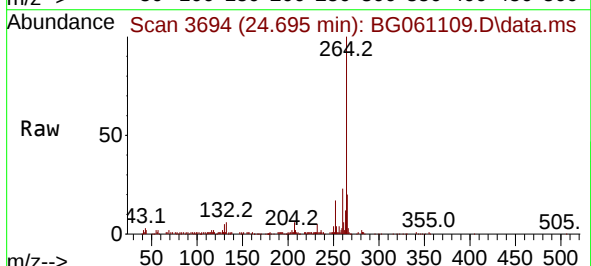
RT: 24.695 min Scan# 3694

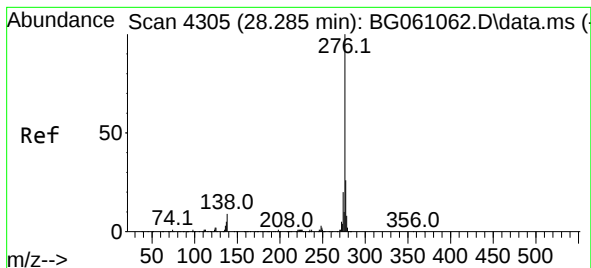
Delta R.T. -0.035 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Tgt Ion:264 Resp: 171683
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.7 26.5
 265 20.4 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 31.975 ng

RT: 28.243 min Scan# 4305

Delta R.T. -0.041 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

Instrument :

BNA_G

ClientSampleId :

V359MS

Tgt Ion:276 Resp: 36380

Ion Ratio Lower Upper

276 100

138 0.0 5.1 7.7

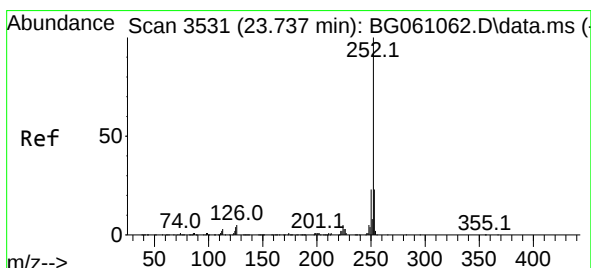
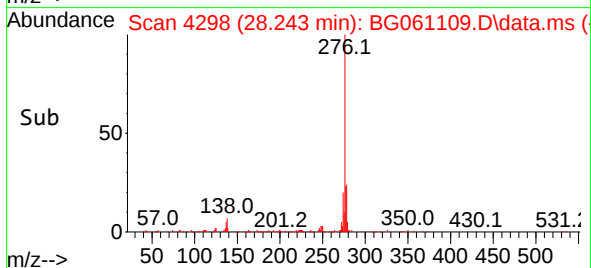
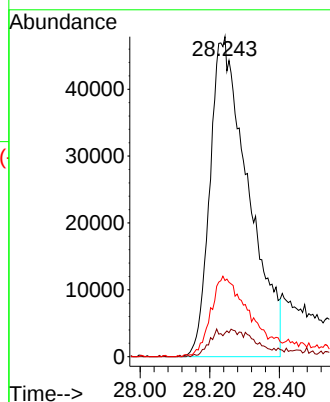
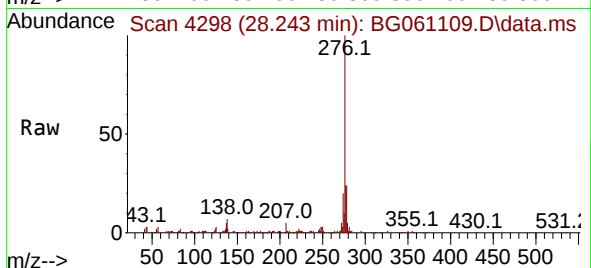
277 23.5 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#88

Benzo(b)fluoranthene

Concen: 48.571 ng

RT: 23.713 min Scan# 3527

Delta R.T. -0.024 min

Lab File: BG061109.D

Acq: 3 May 2024 16:50

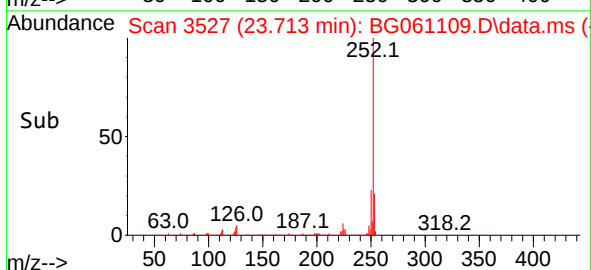
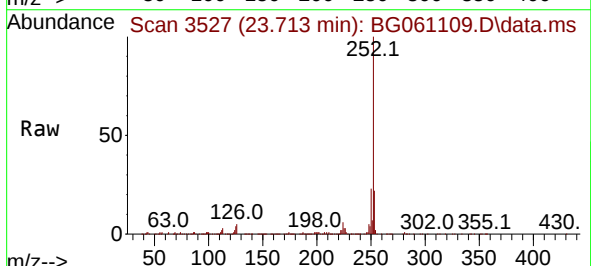
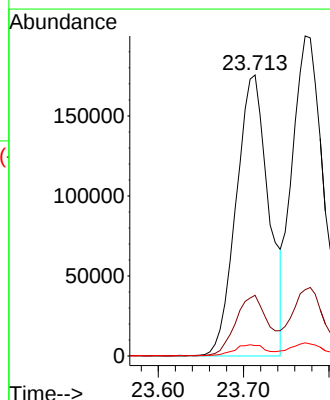
Tgt Ion:252 Resp: 465976

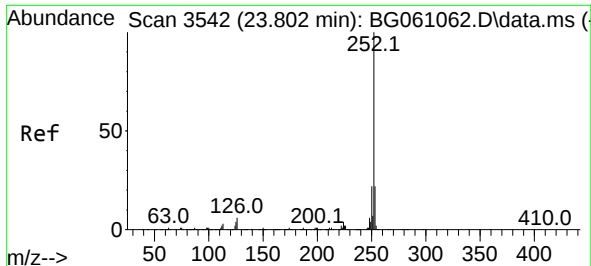
Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

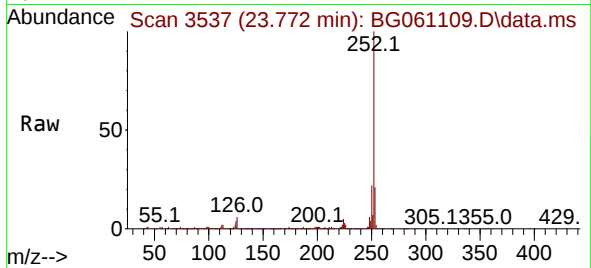
125 3.7 3.4 5.0





#89
Benzo(k)fluoranthene
Concen: 56.320 ng
RT: 23.772 min Scan# 3537
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50

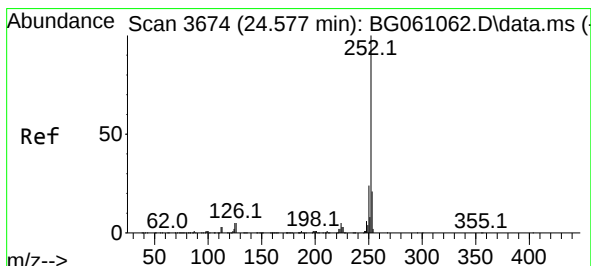
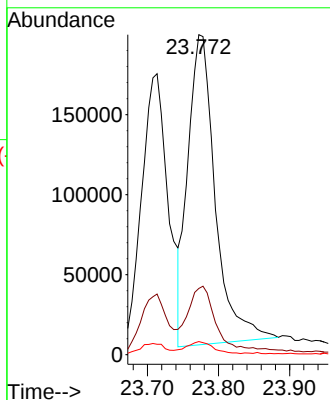
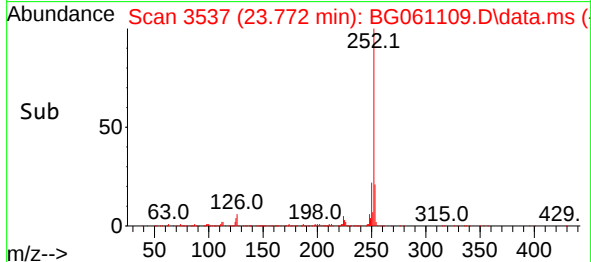
Instrument :
BNA_G
ClientSampleId :
V359MS



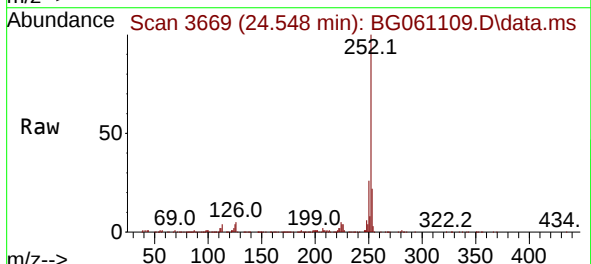
Tgt Ion:252 Resp: 519804
Ion Ratio Lower Upper
252 100
253 20.7 17.3 25.9
125 4.1 3.2 4.8

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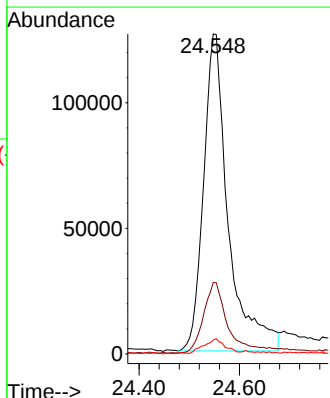
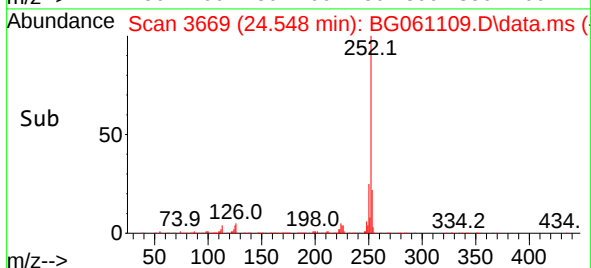
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

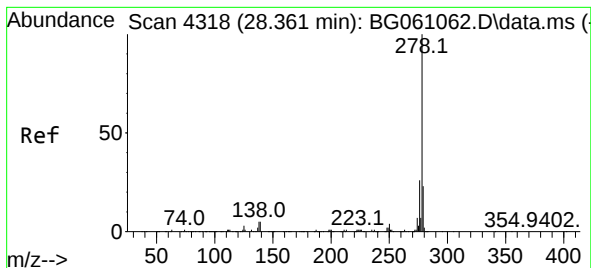


#90
Benzo(a)pyrene
Concen: 51.692 ng
RT: 24.548 min Scan# 3669
Delta R.T. -0.029 min
Lab File: BG061109.D
Acq: 3 May 2024 16:50



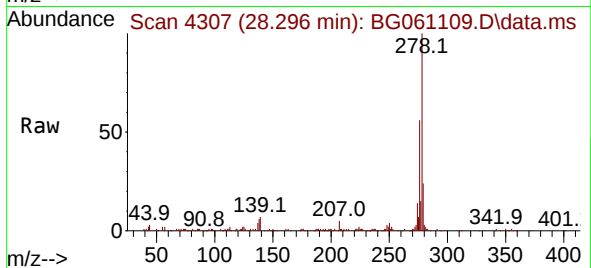
Tgt Ion:252 Resp: 432046
Ion Ratio Lower Upper
252 100
253 22.3 16.9 25.3
125 4.3 3.8 5.8





#91
 Dibenzo(a,h)anthracene
 Concen: 34.165 ng
 RT: 28.296 min Scan# 41
 Delta R.T. -0.065 min
 Lab File: BG061109.D
 Acq: 3 May 2024 16:50

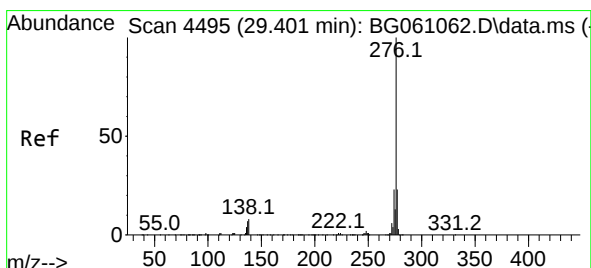
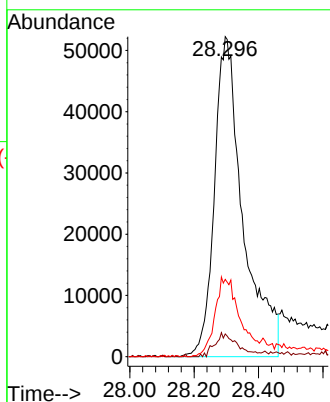
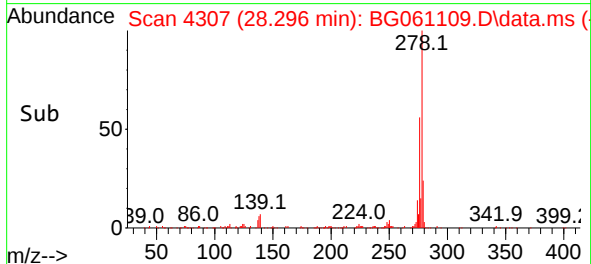
Instrument :
 BNA_G
 ClientSampleId :
 V359MS



Tgt Ion:278 Resp: 321914
 Ion Ratio Lower Upper
 278 100
 139 7.1 4.2 6.2
 279 24.1 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: 24.224 ng
 RT: 29.342 min Scan# 4485
 Delta R.T. -0.059 min
 Lab File: BG061109.D
 Acq: 3 May 2024 16:50

Tgt Ion:276 Resp: 226821
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.2 27.4
 138 8.4 6.2 9.2

