

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061005.D
 Acq On : 23 Apr 2024 12:53
 Operator : MA/JU
 Sample : PB160353BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160353BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 23 13:57:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:22:00 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	21419	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	86959	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	72732	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	197980	20.000	ng	0.00
76) Chrysene-d12	21.578	240	198546	20.000	ng	0.00
86) Perylene-d12	24.704	264	232446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	157490	148.729	ng	0.00
7) Phenol-d6	7.113	99	213534	135.911	ng	0.00
23) Nitrobenzene-d5	9.099	82	148928	76.947	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	221227	138.514	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	462925	88.090	ng	0.00
79) Terphenyl-d14	19.939	244	1091982	85.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	11854	32.346	ng	97
3) Pyridine	3.834	79	33832	29.866	ng	94
4) n-Nitrosodimethylamine	3.746	42	39120	38.397	ng	# 99
6) Aniline	7.265	93	47019	24.900	ng	98
8) 2-Chlorophenol	7.512	128	64758	49.082	ng	97
9) Benzaldehyde	7.083	77	2301	2.847	ng	# 68
10) Phenol	7.142	94	73257	46.931	ng	93
11) bis(2-Chloroethyl)ether	7.365	93	46645	41.767	ng	93
12) 1,3-Dichlorobenzene	7.829	146	65479	44.752	ng	98
13) 1,4-Dichlorobenzene	7.976	146	66190	43.919	ng	100
14) 1,2-Dichlorobenzene	8.294	146	66794	45.349	ng	91
15) Benzyl Alcohol	8.176	79	63785	42.999	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	98881	40.673	ng	98
17) 2-Methylphenol	8.388	107	52579	41.716	ng	97
18) Hexachloroethane	9.022	117	24600	45.299	ng	93
19) n-Nitroso-di-n-propyla...	8.746	70	45492	38.853	ng	98
20) 3+4-Methylphenols	8.711	107	72689	41.237	ng	96
22) Acetophenone	8.758	105	96631	39.795	ng	# 99
24) Nitrobenzene	9.140	77	72191	38.816	ng	99
25) Isophorone	9.663	82	129833	40.083	ng	99
26) 2-Nitrophenol	9.851	139	37146	42.497	ng	99
27) 2,4-Dimethylphenol	9.915	122	47653	34.013	ng	95
28) bis(2-Chloroethoxy)met...	10.144	93	70380	41.305	ng	97
29) 2,4-Dichlorophenol	10.385	162	74763	46.236	ng	97
30) 1,2,4-Trichlorobenzene	10.603	180	79758	44.705	ng	95
31) Naphthalene	10.791	128	199723	41.952	ng	97
32) Benzoic acid	10.056	122	47727m	44.709	ng	
33) 4-Chloroaniline	10.891	127	36715	16.977	ng	96
34) Hexachlorobutadiene	11.079	225	67809	43.217	ng	97
35) Caprolactam	11.666	113	22355m	43.404	ng	
36) 4-Chloro-3-methylphenol	12.025	107	82352	43.667	ng	98
37) 2-Methylnaphthalene	12.395	142	151130	40.374	ng	99
38) 1-Methylnaphthalene	12.612	142	138829	39.744	ng	93
40) 1,2,4,5-Tetrachloroben...	12.765	216	121101	46.853	ng	99
41) Hexachlorocyclopentadiene	12.747	237	151633	99.703	ng	98
43) 2,4,6-Trichlorophenol	13.006	196	78995	46.493	ng	93

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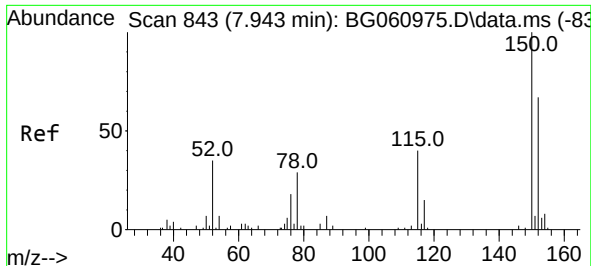
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	90770	45.163	ng	99
46) 1,1'-Biphenyl	13.405	154	222928	45.503	ng	97
47) 2-Chloronaphthalene	13.446	162	173865	46.286	ng	96
48) 2-Nitroaniline	13.646	65	64152	42.316	ng	93
49) Acenaphthylene	14.292	152	293038	46.321	ng	100
50) Dimethylphthalate	14.028	163	259872	43.330	ng	100
51) 2,6-Dinitrotoluene	14.146	165	54827	43.811	ng	94
52) Acenaphthene	14.639	154	163208	42.458	ng	97
53) 3-Nitroaniline	14.475	138	34024	27.573	ng #	80
54) 2,4-Dinitrophenol	14.680	184	73834	89.827	ng	93
55) Dibenzofuran	14.974	168	284090	42.798	ng	98
56) 4-Nitrophenol	14.792	139	86224	97.534	ng	97
57) 2,4-Dinitrotoluene	14.933	165	80575	44.705	ng	97
58) Fluorene	15.620	166	243380	43.440	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	93899	46.290	ng	99
60) Diethylphthalate	15.397	149	255215	43.210	ng	97
61) 4-Chlorophenyl-phenyle...	15.614	204	145941	42.235	ng	99
62) 4-Nitroaniline	15.638	138	58512	43.975	ng	98
63) Azobenzene	15.908	77	207274	43.145	ng	96
65) 4,6-Dinitro-2-methylph...	15.703	198	58475	47.834	ng	92
66) n-Nitrosodiphenylamine	15.832	169	229930	42.155	ng	98
67) 4-Bromophenyl-phenylether	16.508	248	110071	42.127	ng	99
68) Hexachlorobenzene	16.631	284	133866	46.383	ng	96
69) Atrazine	16.784	200	103331	50.617	ng	97
70) Pentachlorophenol	16.972	266	176331	93.175	ng	97
71) Phenanthrene	17.365	178	435907	43.136	ng	99
72) Anthracene	17.453	178	440509	42.325	ng	99
73) Carbazole	17.724	167	381202	44.101	ng	99
74) Di-n-butylphthalate	18.294	149	445223	42.425	ng	99
75) Fluoranthene	19.375	202	575076	42.880	ng	98
77) Benzidine	19.551	184	135908	36.943	ng	99
78) Pyrene	19.739	202	579112	42.837	ng	99
80) Butylbenzylphthalate	20.632	149	187655	41.646	ng	98
81) Benzo(a)anthracene	21.560	228	602716	43.178	ng	98
82) 3,3'-Dichlorobenzidine	21.478	252	160270	31.770	ng	98
83) Chrysene	21.625	228	565629	42.560	ng	99
84) Bis(2-ethylhexyl)phtha...	21.490	149	268676	41.013	ng	97
85) Di-n-octyl phthalate	22.677	149	452803	41.632	ng	98
87) Indeno(1,2,3-cd)pyrene	28.253	276	738137	45.776	ng	99
88) Benzo(b)fluoranthene	23.723	252	596612	45.292	ng	99
89) Benzo(k)fluoranthene	23.787	252	586957	44.140	ng	100
90) Benzo(a)pyrene	24.563	252	557839	43.752	ng	98
91) Dibenzo(a,h)anthracene	28.329	278	606630	46.047	ng	98
92) Benzo(g,h,i)perylene	29.363	276	568118	43.492	ng	98

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



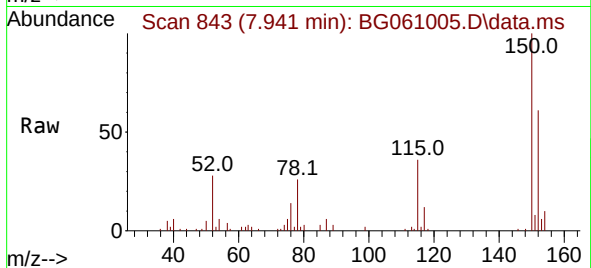
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 843
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

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PB160353BS



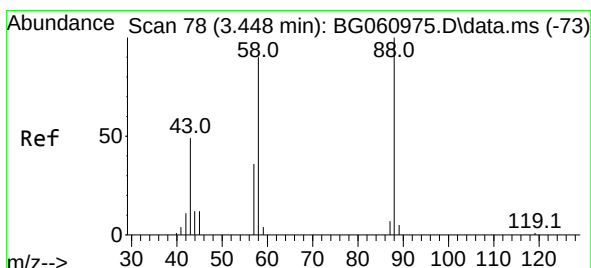
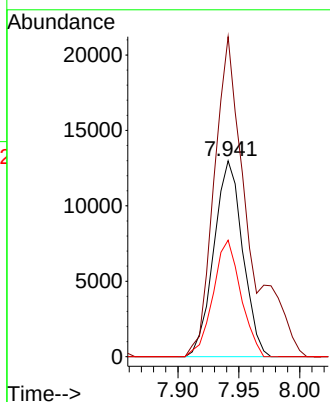
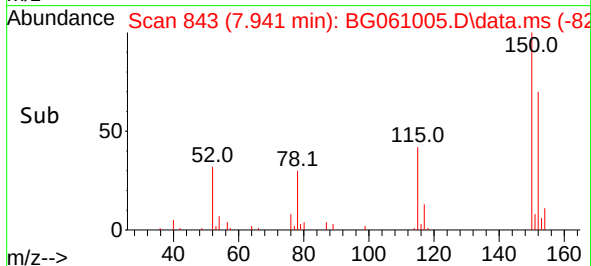
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Ion Ratio Lower Upper
152 100
150 163.4 118.6 178.0
115 59.5 47.4 71.0

Manual Integrations

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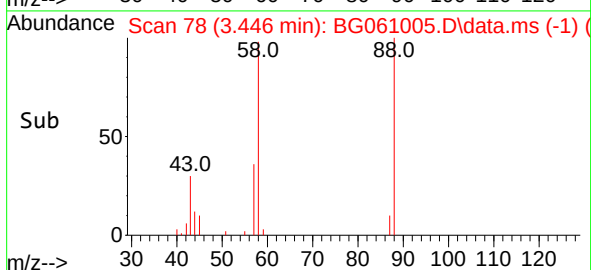
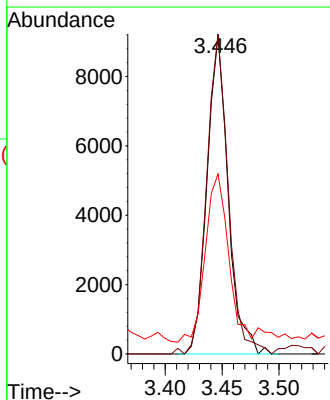
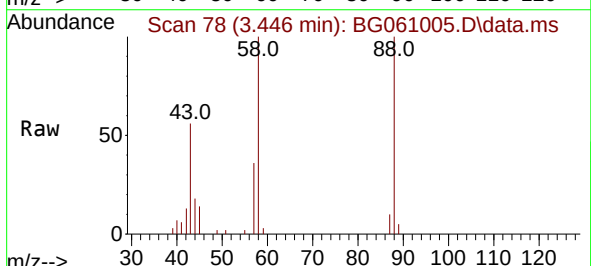
Reviewed By :Yogesh Patel 04/26/2024

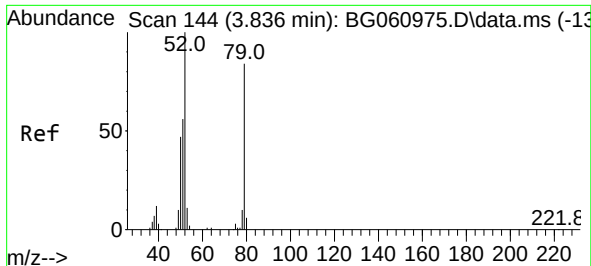
Supervised By :mohammad ahmed 04/27/2024



#2
1,4-Dioxane
Concen: 32.346 ng
RT: 3.446 min Scan# 78
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

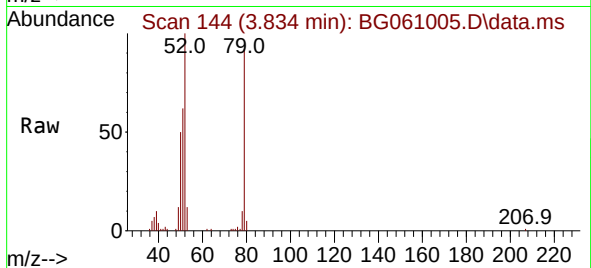
Tgt Ion: 88 Resp: 11854
Ion Ratio Lower Upper
88 100
58 102.5 80.2 120.2
43 57.2 43.4 65.0





#3
Pyridine
Concen: 29.866 ng
RT: 3.834 min Scan# 144
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

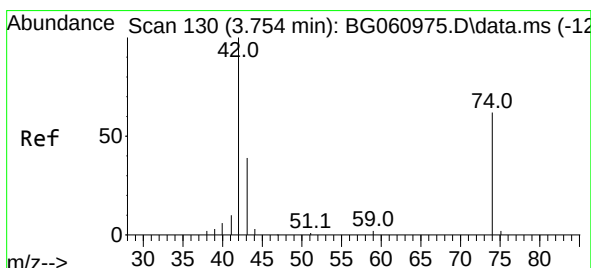
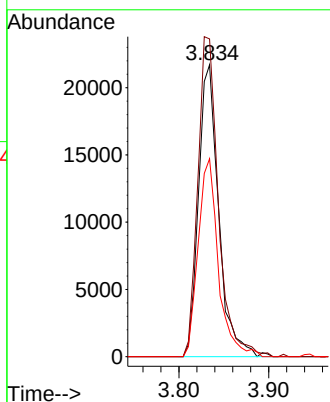
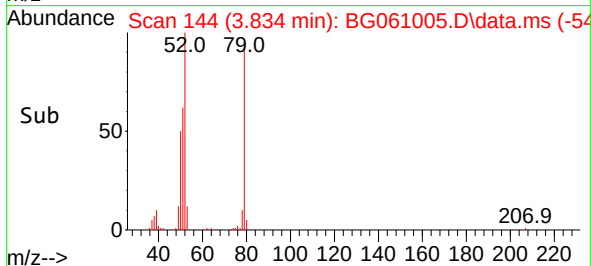
Instrument :
BNA_G
ClientSampleId :
PB160353BS



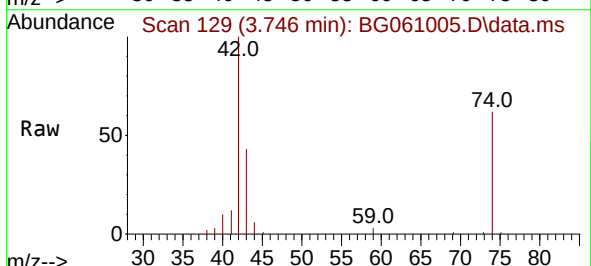
Tgt Ion: 79 Resp: 3383
Ion Ratio Lower Upper
79 100
52 108.8 95.0 142.6
51 67.8 53.3 79.9

Manual Integrations
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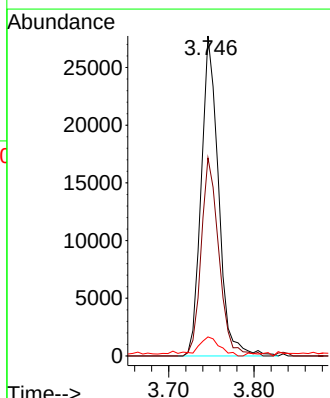
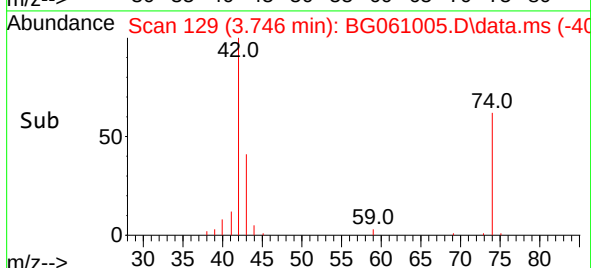
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

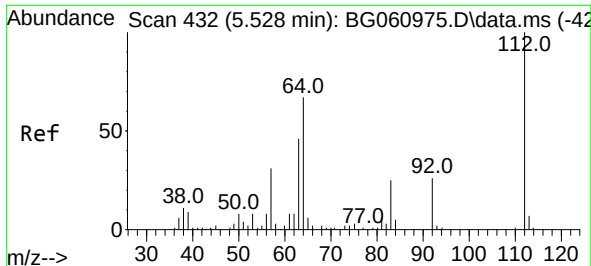


#4
n-Nitrosodimethylamine
Concen: 38.397 ng
RT: 3.746 min Scan# 129
Delta R.T. -0.008 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion: 42 Resp: 39120
Ion Ratio Lower Upper
42 100
74 61.9 49.8 74.6
44 6.0 3.8 5.6#





#5
2-Fluorophenol
Concen: 148.729 ng
RT: 5.532 min Scan# 432
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

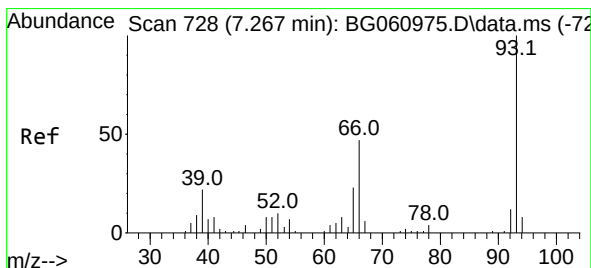
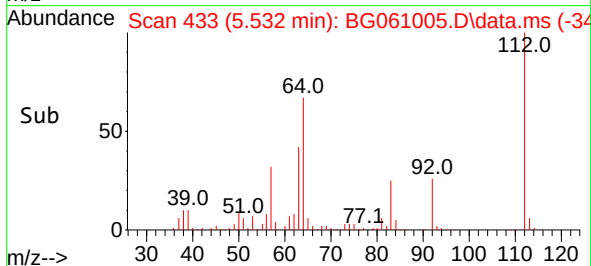
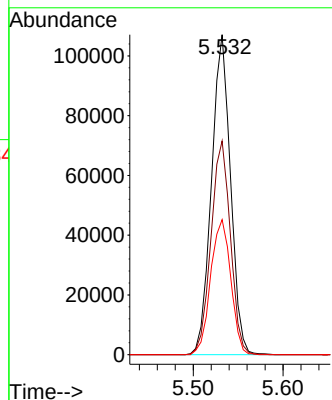
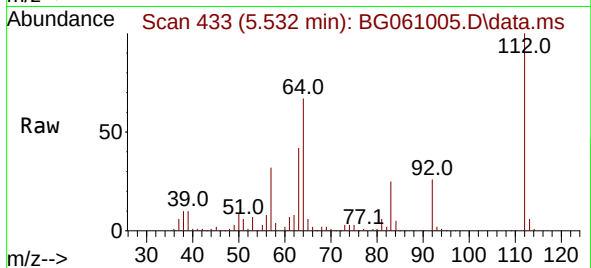
Tgt Ion:112 Resp: 157490
Ion Ratio Lower Upper
112 100
64 66.8 53.7 80.5
63 42.2 37.0 55.6

Manual Integrations

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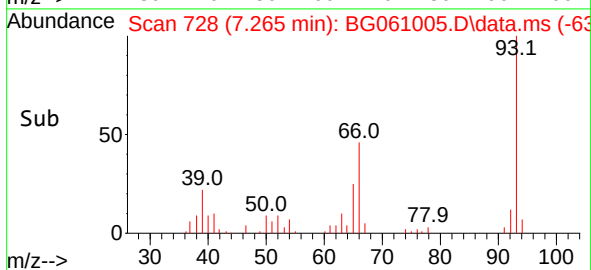
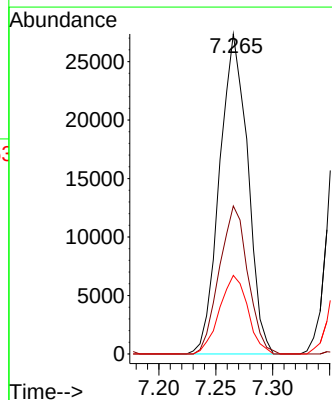
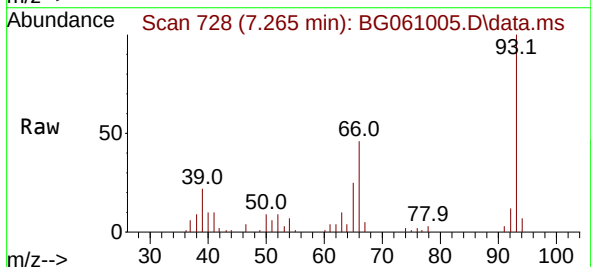
Reviewed By :Yogesh Patel 04/26/2024

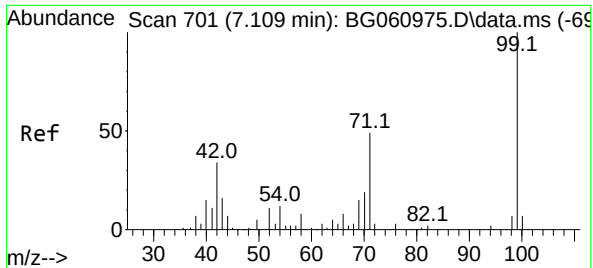
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 24.900 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion: 93 Resp: 47019
Ion Ratio Lower Upper
93 100
66 46.3 37.9 56.9
65 24.6 18.2 27.4





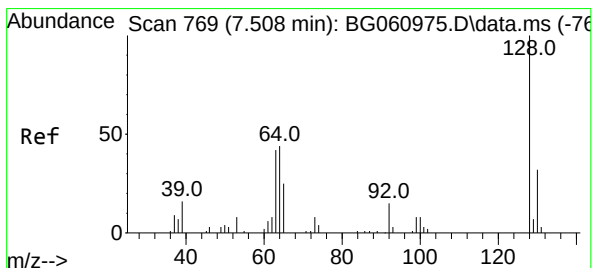
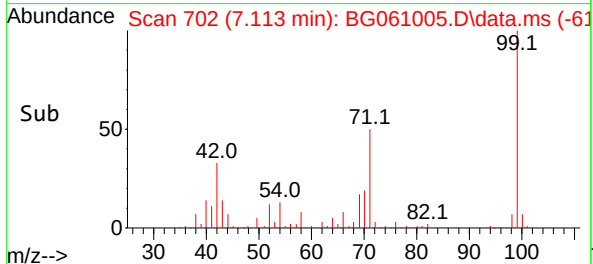
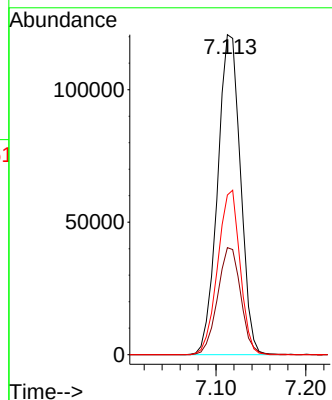
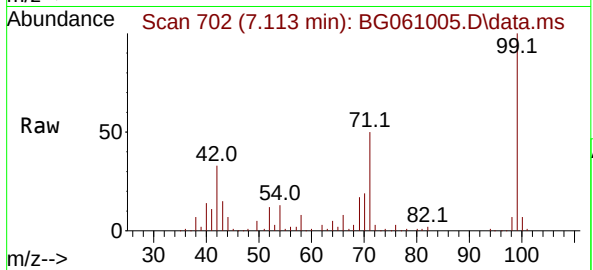
#7
Phenol-d6
Concen: 135.911 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :
BNA_G
ClientSampleId :
PB160353BS

Tgt Ion: 99 Resp: 213534
Ion Ratio Lower Upper
99 100
42 33.4 27.2 40.8
71 49.9 38.8 58.2

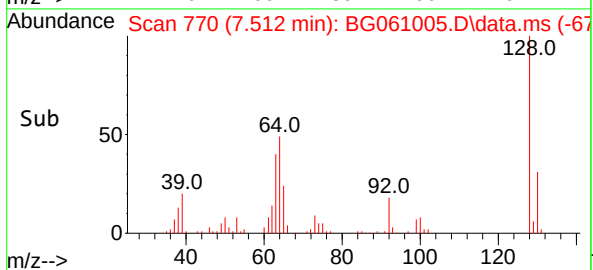
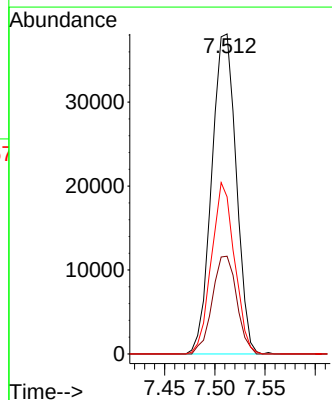
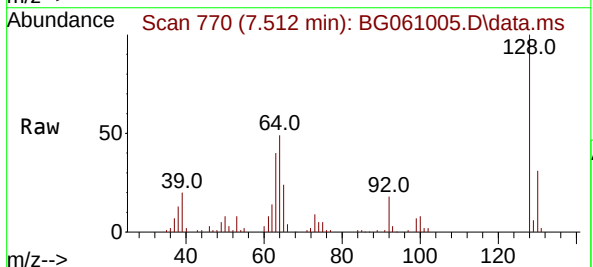
Manual Integrations
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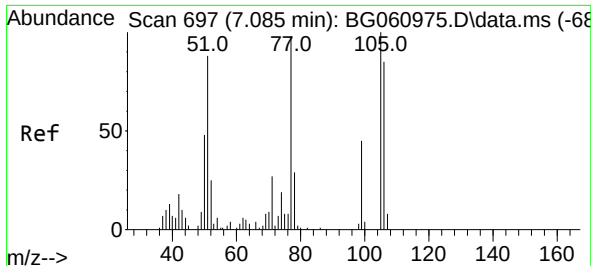
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#8
2-Chlorophenol
Concen: 49.082 ng
RT: 7.512 min Scan# 770
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:128 Resp: 64758
Ion Ratio Lower Upper
128 100
130 30.5 12.2 52.2
64 49.1 30.8 70.8





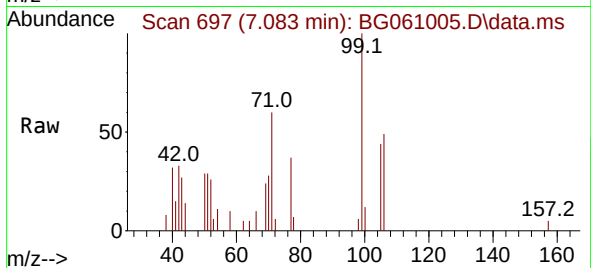
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Benzaldehyde
Concen: 2.847 ng
RT: 7.083 min Scan# 697
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS



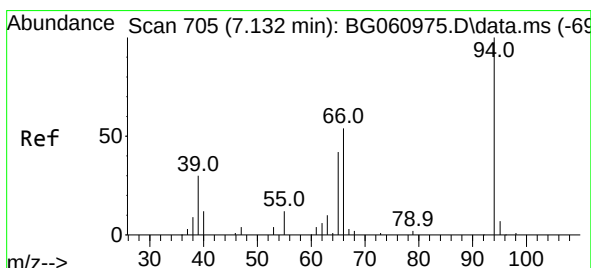
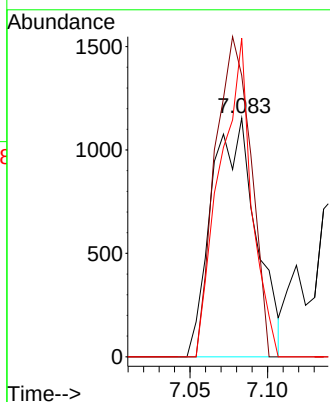
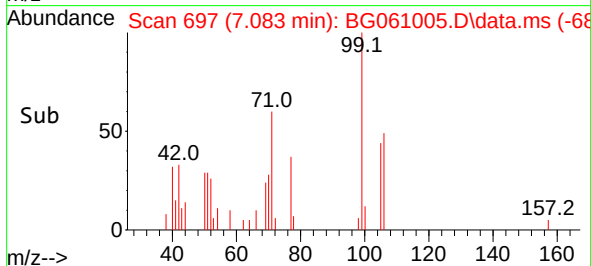
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Ion Ratio Lower Upper
77 100
105 117.9 81.7 121.7
106 133.4 66.7 106.7

Manual Integrations

APPROVED

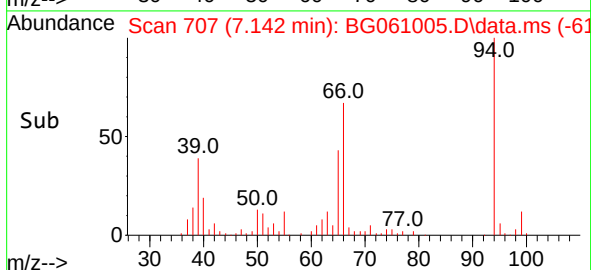
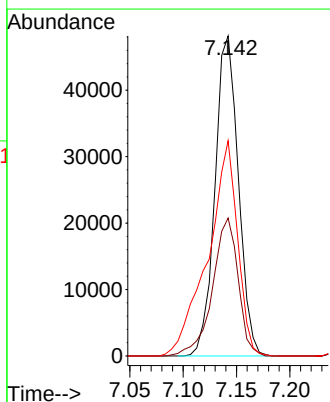
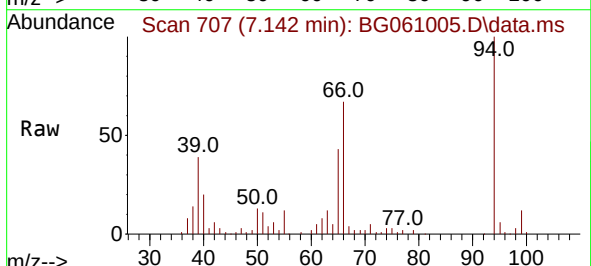
Reviewed By :Yogesh Patel 04/26/2024

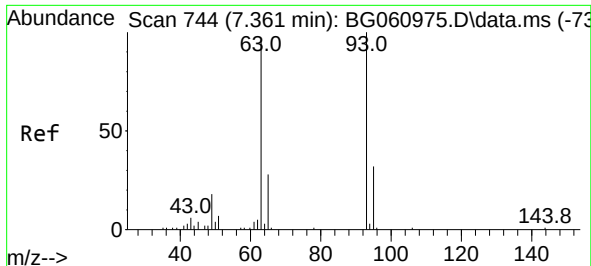
Supervised By :mohammad ahmed 04/27/2024



#10
Phenol
Concen: 46.931 ng
RT: 7.142 min Scan# 707
Delta R.T. 0.010 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

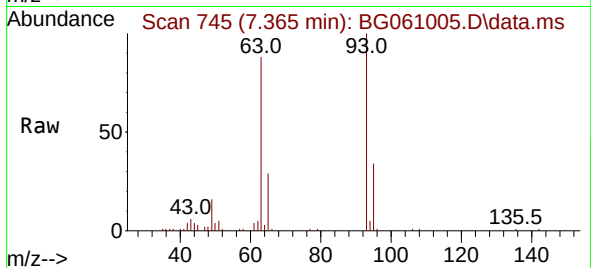
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Ion Ratio Lower Upper
94 100
65 43.1 23.1 63.1
66 67.3 38.0 78.0





#11
bis(2-Chloroethyl)ether
Concen: 41.767 ng
RT: 7.365 min Scan# 744
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

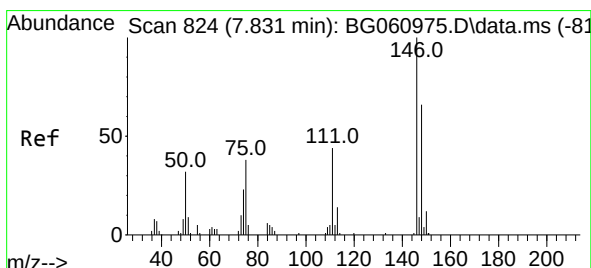
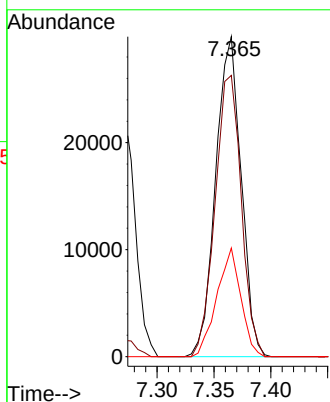
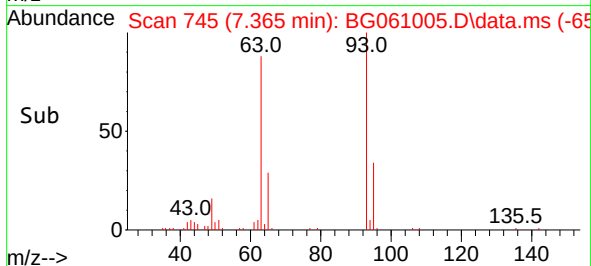
Instrument :
BNA_G
ClientSampleId :
PB160353BS



Tgt Ion: 93 Resp: 46649
Ion Ratio Lower Upper
93 100
63 87.9 75.6 115.6
95 34.0 12.1 52.1

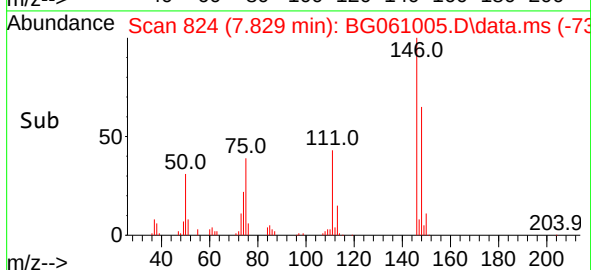
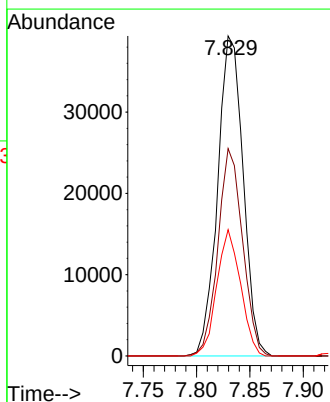
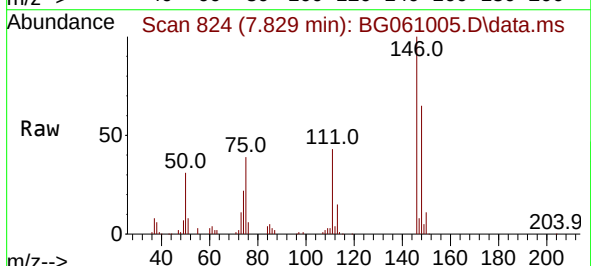
Manual Integrations
APPROVED

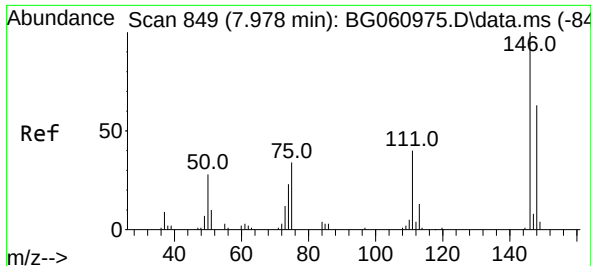
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
1,3-Dichlorobenzene
Concen: 44.752 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

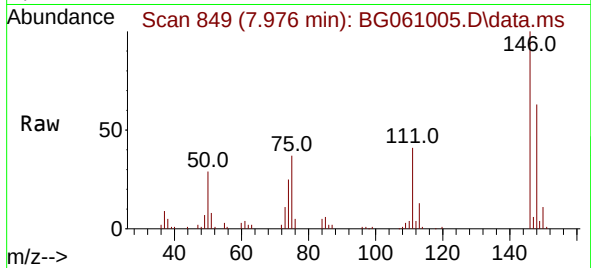
Tgt Ion:146 Resp: 65479
Ion Ratio Lower Upper
146 100
148 64.8 52.7 79.1
75 39.5 30.1 45.1





#13
1,4-Dichlorobenzene
Concen: 43.919 ng
RT: 7.976 min Scan# 849
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

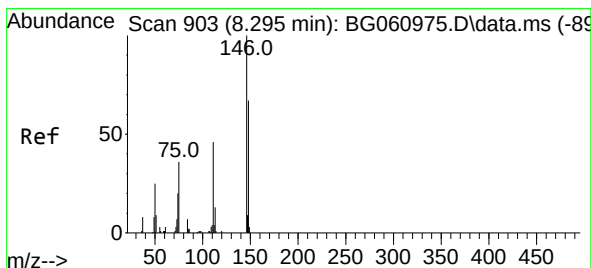
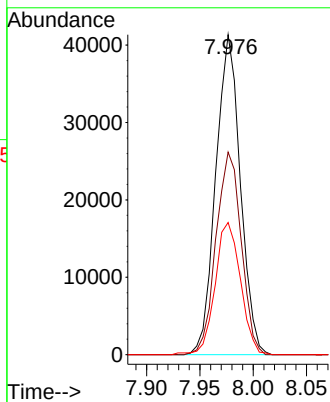
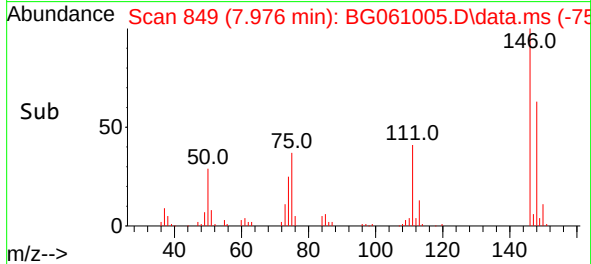
Instrument :
BNA_G
ClientSampleId :
PB160353BS



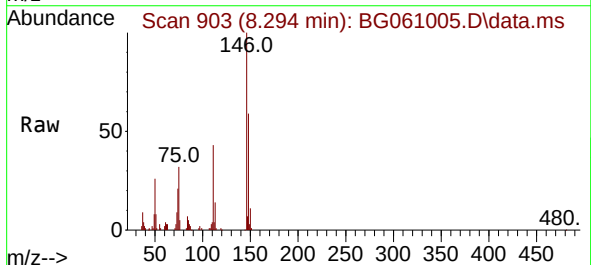
Tgt Ion:146 Resp: 66190
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
111 41.3 32.7 49.1

Manual Integrations
APPROVED

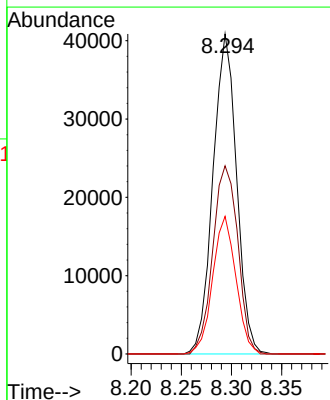
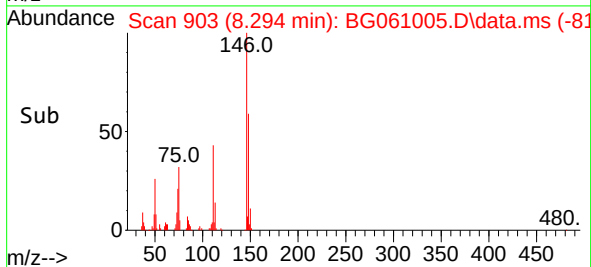
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

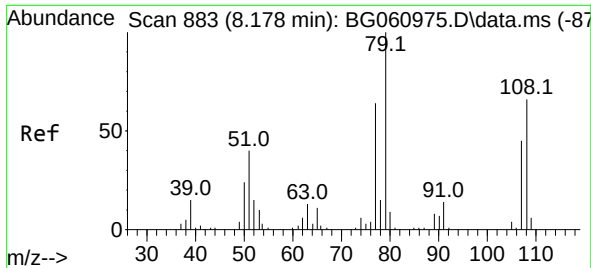


#14
1,2-Dichlorobenzene
Concen: 45.349 ng
RT: 8.294 min Scan# 903
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion:146 Resp: 66794
Ion Ratio Lower Upper
146 100
148 58.8 53.8 80.8
111 43.0 38.2 57.2





#15
Benzyl Alcohol
Concen: 42.999 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

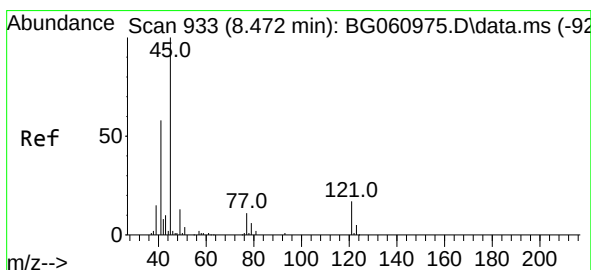
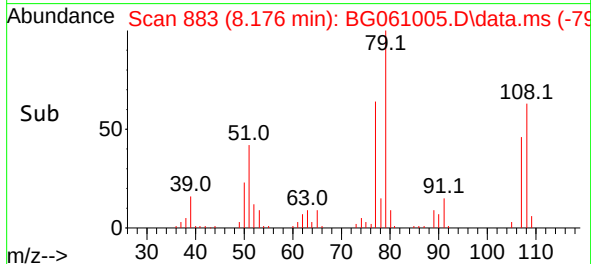
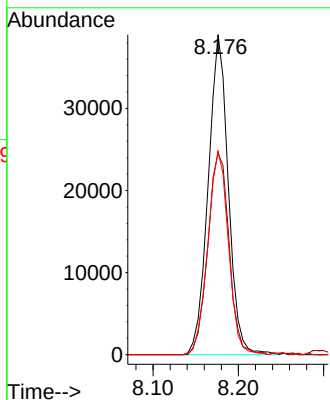
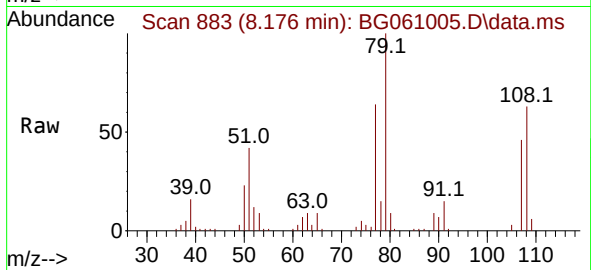
ClientSampleId :

PB160353BS

Tgt Ion: 79 Resp: 6378
Ion Ratio Lower Upper
79 100
108 63.1 53.0 79.6
77 63.6 51.4 77.0

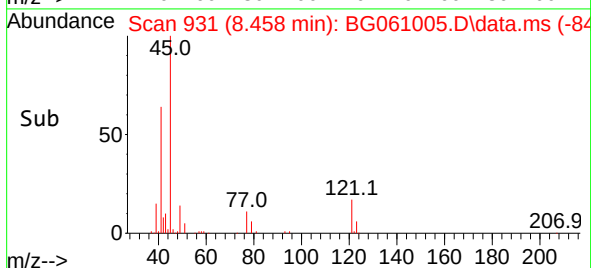
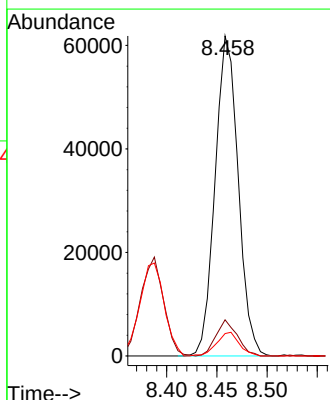
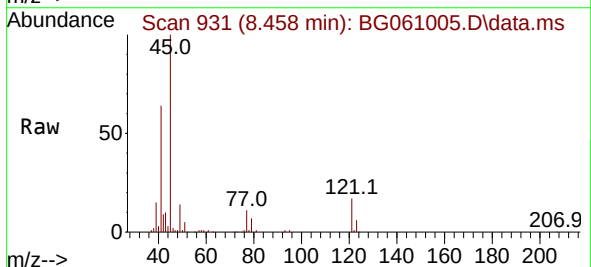
Manual Integrations
APPROVED

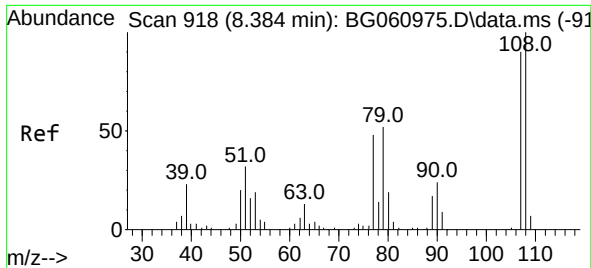
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.673 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.014 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion: 45 Resp: 98881
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.6
79 7.0 0.0 26.6





#17
2-Methylphenol
Concen: 41.716 ng
RT: 8.388 min Scan# 918
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

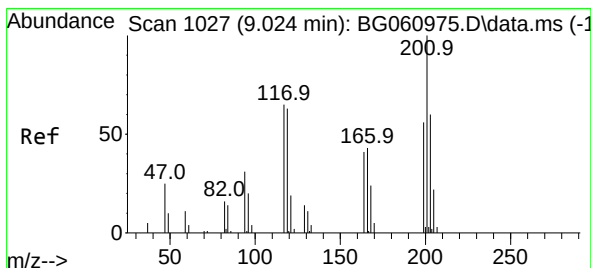
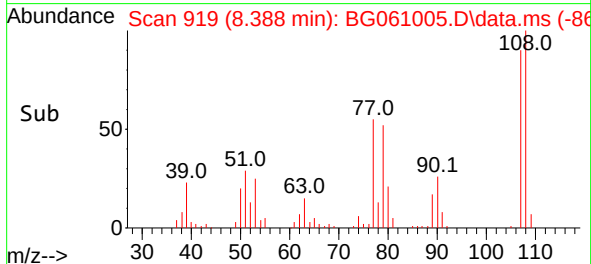
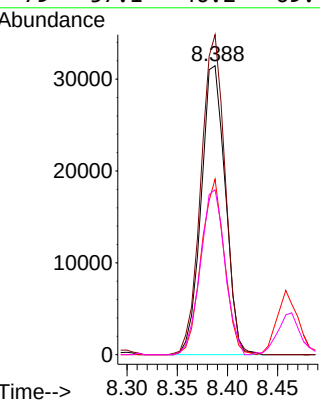
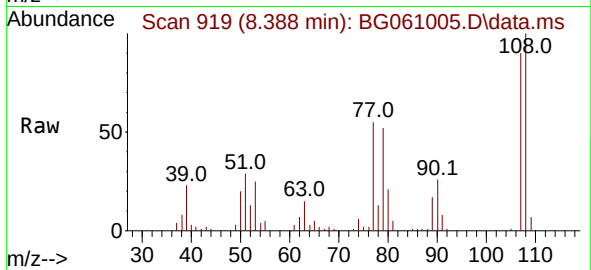
PB160353BS

Tgt Ion:107 Resp: 52579
Ion Ratio Lower Upper
107 100
108 110.8 89.2 133.8
77 60.8 43.0 64.6
79 57.1 46.2 69.4

Manual Integrations

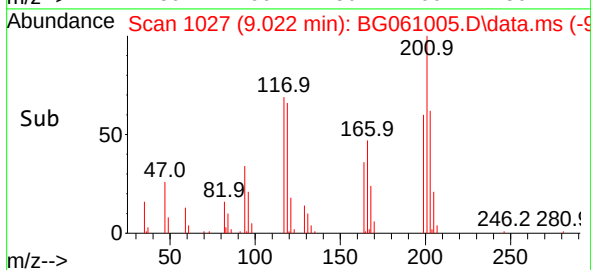
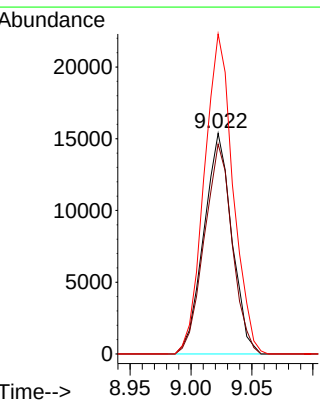
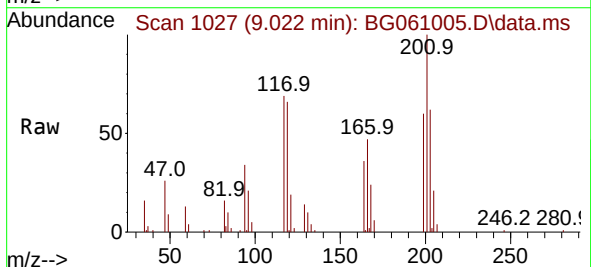
APPROVED

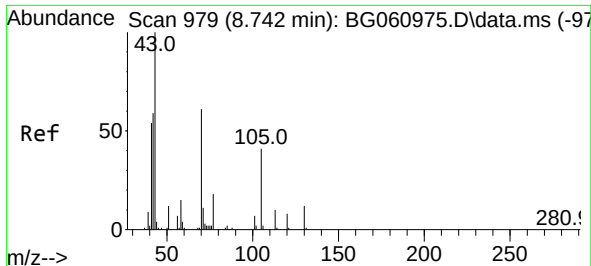
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#18
Hexachloroethane
Concen: 45.299 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:117 Resp: 24600
Ion Ratio Lower Upper
117 100
119 95.1 79.8 119.8
201 145.0 124.0 186.0





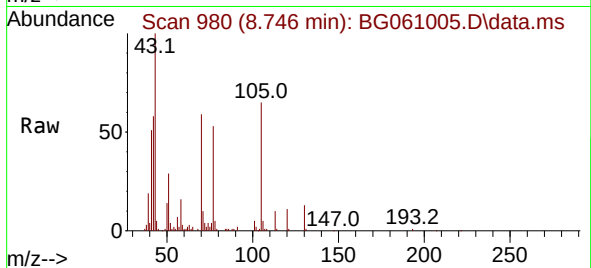
#19
n-Nitroso-di-n-propylamine
Concen: 38.853 ng
RT: 8.746 min Scan# 979
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS



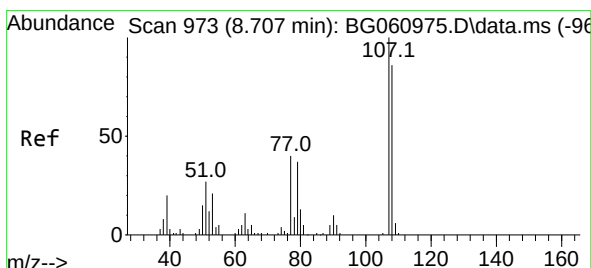
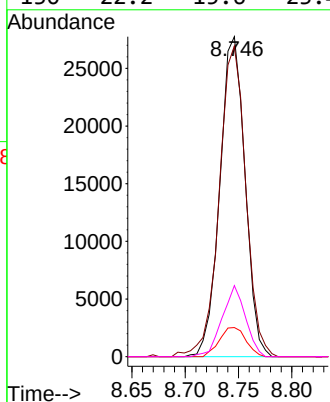
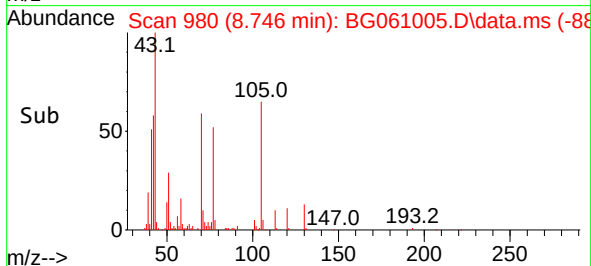
Tgt Ion: 70 Resp: 45492
Ion Ratio Lower Upper
70 100
42 97.1 78.0 117.0
101 9.1 8.6 13.0
130 22.2 15.6 23.4

Manual Integrations

APPROVED

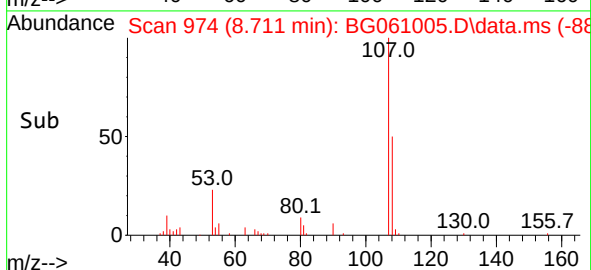
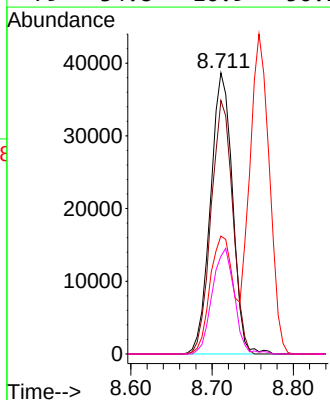
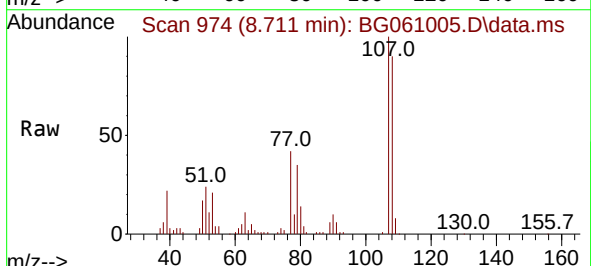
Reviewed By :Yogesh Patel 04/26/2024

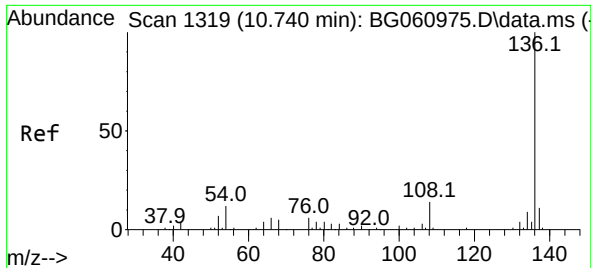
Supervised By :mohammad ahmed 04/27/2024



#20
3+4-Methylphenols
Concen: 41.237 ng
RT: 8.711 min Scan# 974
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:107 Resp: 72689
Ion Ratio Lower Upper
107 100
108 90.2 66.5 106.5
77 42.0 19.9 59.9
79 34.8 16.9 56.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

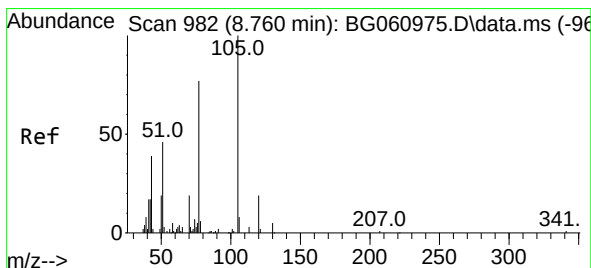
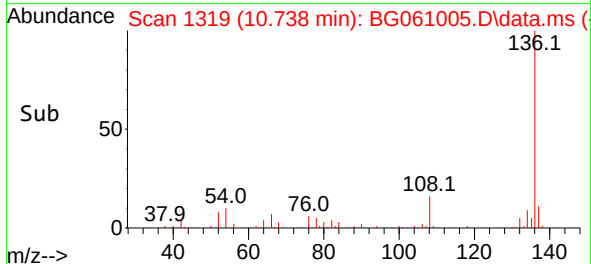
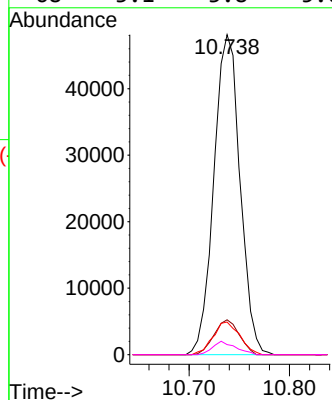
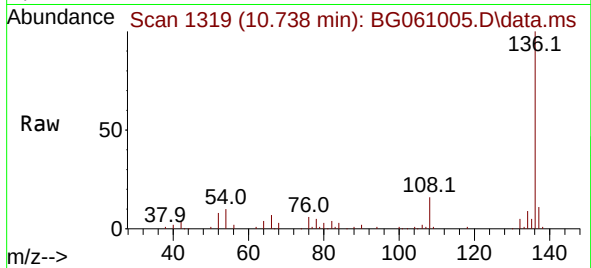
PB160353BS

Tgt Ion:136 Resp: 86959
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.2 9.4 14.0
68 3.1 3.8 5.6#

Manual Integrations

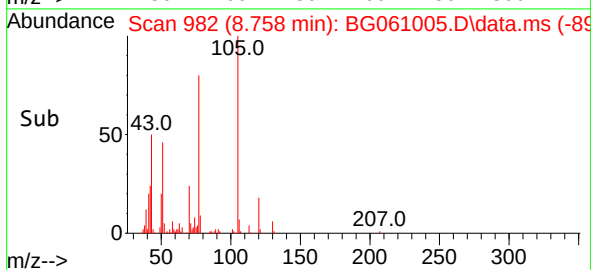
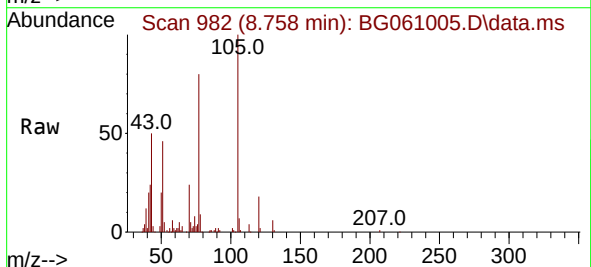
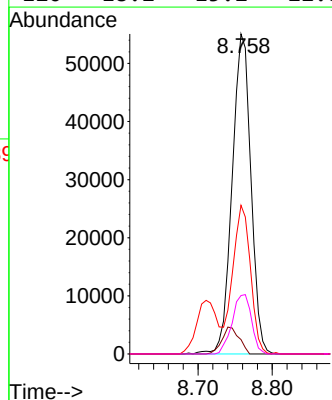
APPROVED

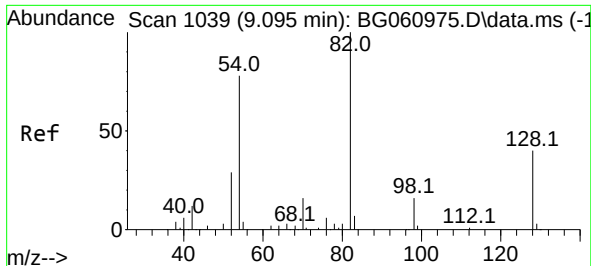
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Acetophenone
Concen: 39.795 ng
RT: 8.758 min Scan# 982
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:105 Resp: 96631
Ion Ratio Lower Upper
105 100
71 4.5 2.5 3.7#
51 46.5 37.8 56.6
120 18.2 15.2 22.8





#23

Nitrobenzene-d5

Concen: 76.947 ng

RT: 9.099 min Scan# 1039

Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

Tgt Ion: 82 Resp: 148928

Ion Ratio Lower Upper

82 100

128 41.6 32.1 48.1

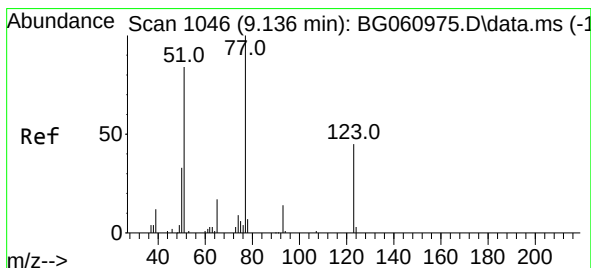
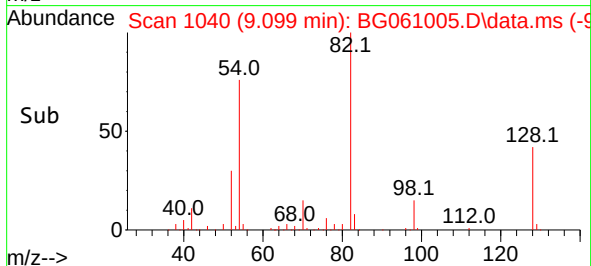
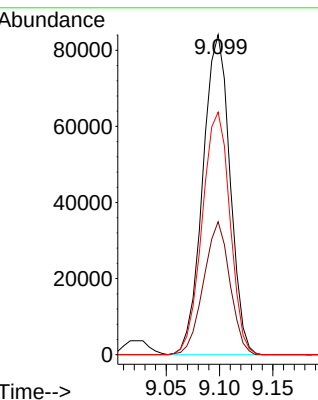
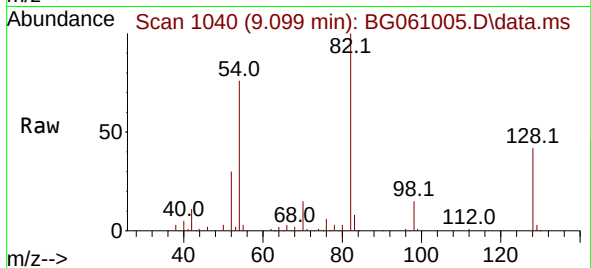
54 75.8 62.3 93.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#24

Nitrobenzene

Concen: 38.816 ng

RT: 9.140 min Scan# 1047

Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

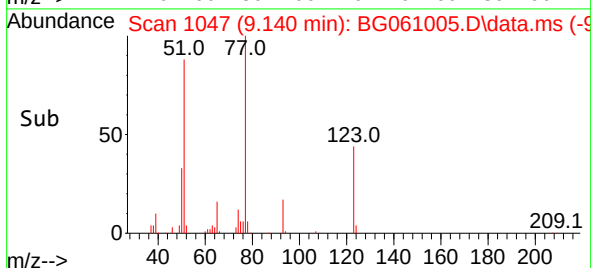
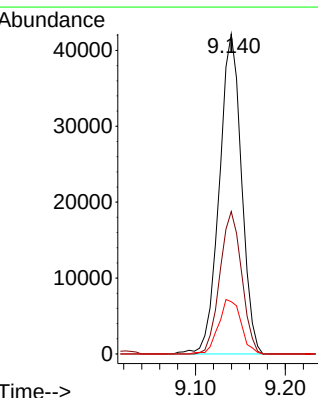
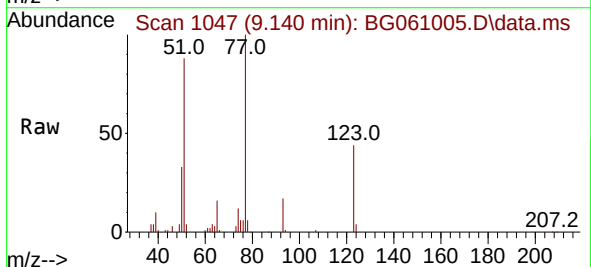
Tgt Ion: 77 Resp: 72191

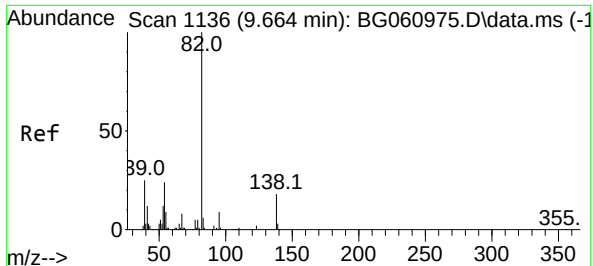
Ion Ratio Lower Upper

77 100

123 44.5 35.9 53.9

65 16.4 13.3 19.9





#25
Isophorone
Concen: 40.083 ng
RT: 9.663 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

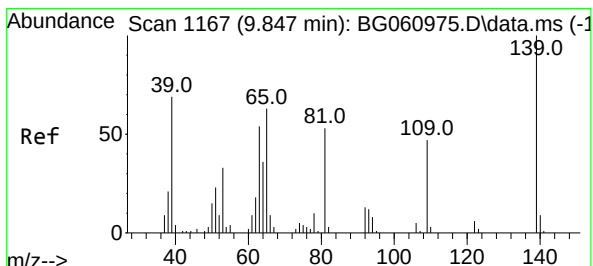
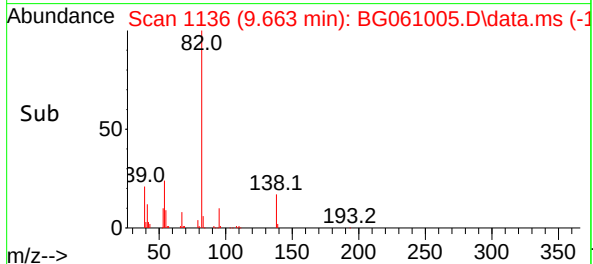
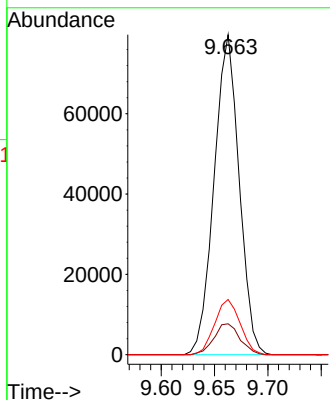
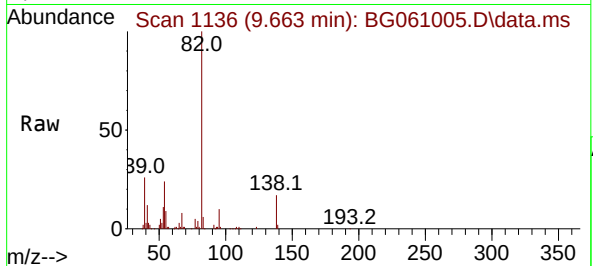
ClientSampleId :

PB160353BS

Tgt Ion: 82 Resp: 12983
Ion Ratio Lower Upper
82 100
95 9.6 7.6 11.4
138 17.3 14.2 21.2

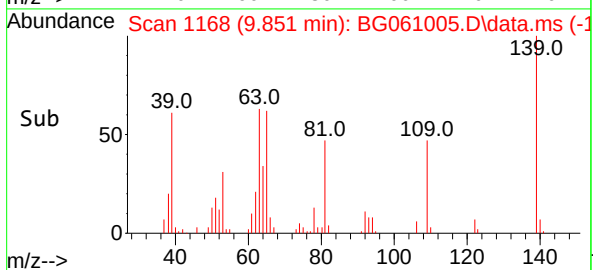
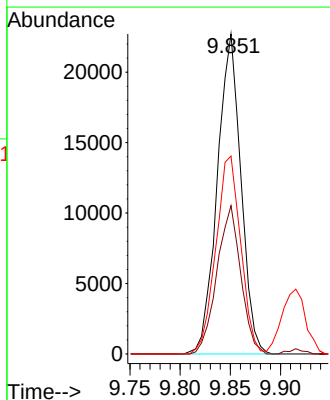
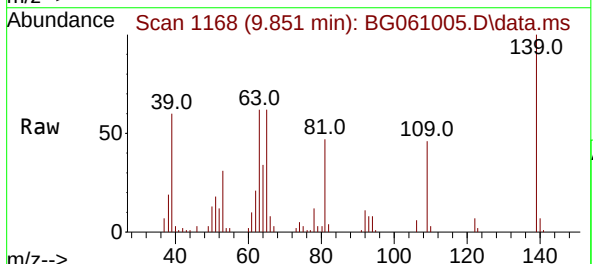
Manual Integrations
APPROVED

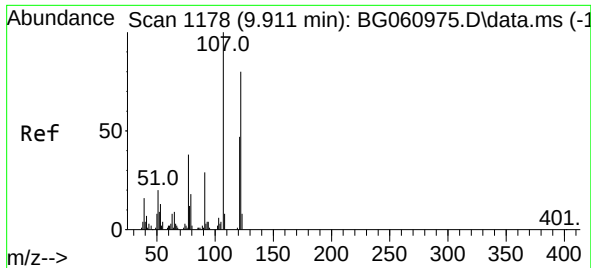
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
2-Nitrophenol
Concen: 42.497 ng
RT: 9.851 min Scan# 1168
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:139 Resp: 37146
Ion Ratio Lower Upper
139 100
109 46.4 37.4 56.2
65 61.9 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 34.013 ng

RT: 9.915 min Scan# 1178

Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

Tgt Ion:122 Resp: 4765

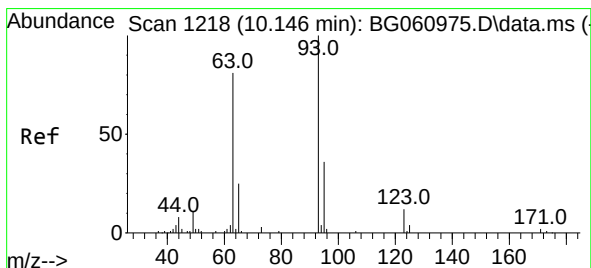
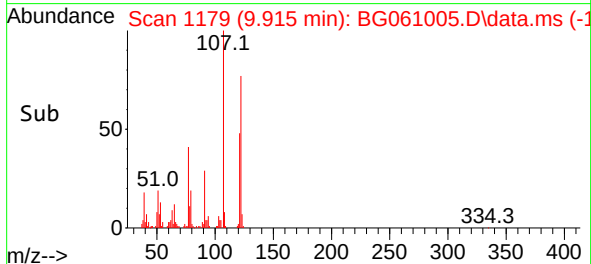
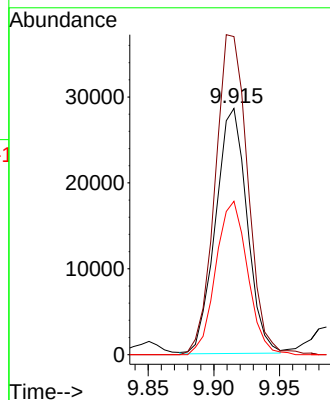
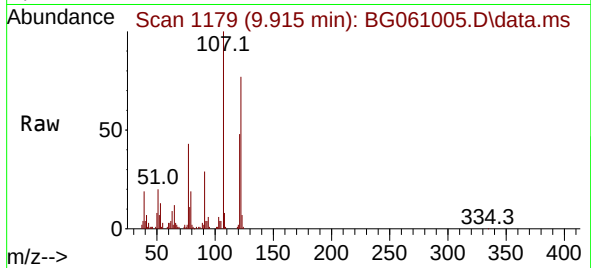
Ion	Ratio	Lower	Upper
122	100		
107	129.2	98.7	148.1
121	62.3	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.305 ng

RT: 10.144 min Scan# 1218

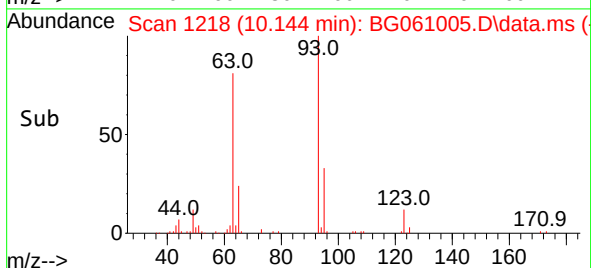
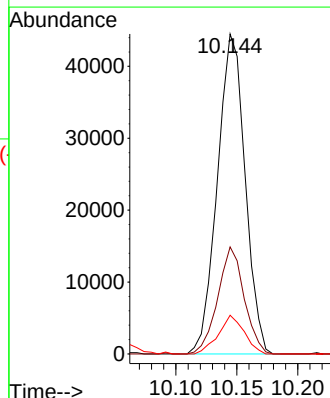
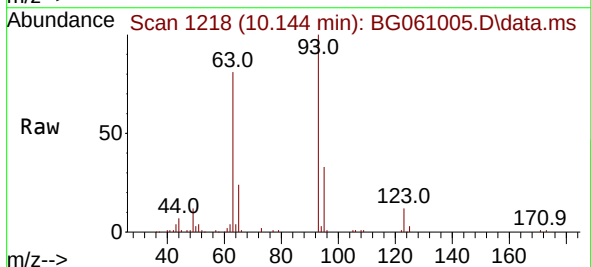
Delta R.T. -0.002 min

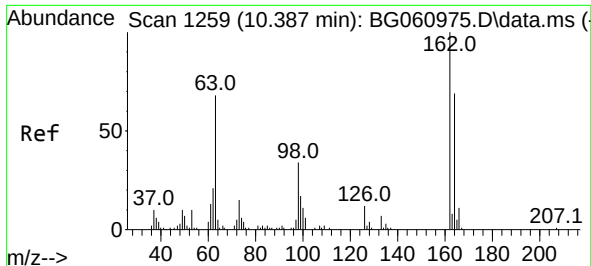
Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Tgt Ion: 93 Resp: 70380

Ion	Ratio	Lower	Upper
93	100		
95	33.5	28.8	43.2
123	12.1	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 46.236 ng

RT: 10.385 min Scan# 1259

Delta R.T. -0.002 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

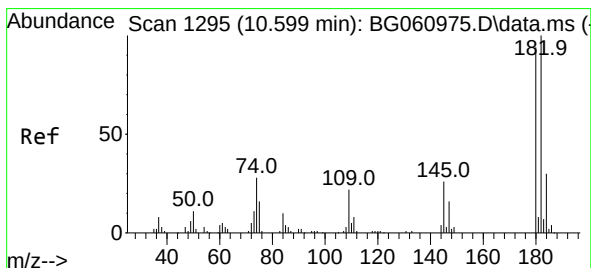
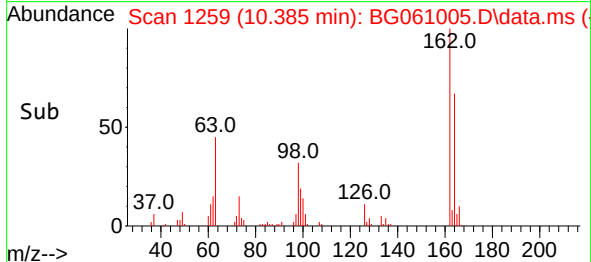
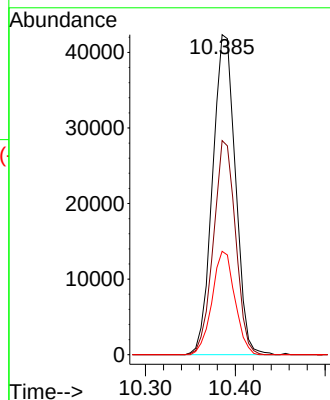
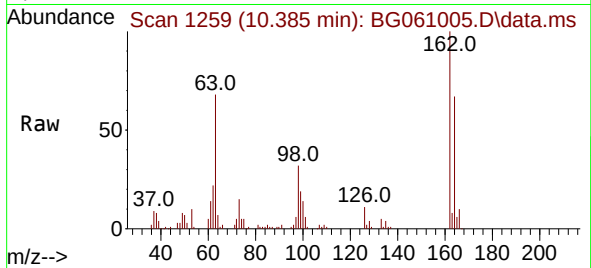
Tgt Ion:	162	Resp:	7476
Ion Ratio	Lower	Upper	
162	100		
164	66.9	49.0	89.0
98	32.3	14.3	54.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.705 ng

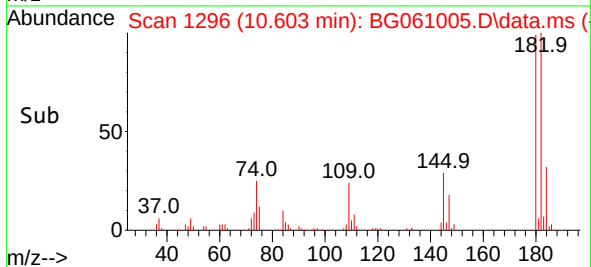
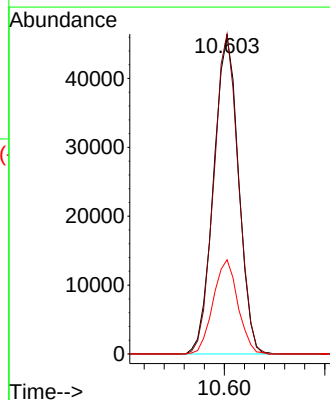
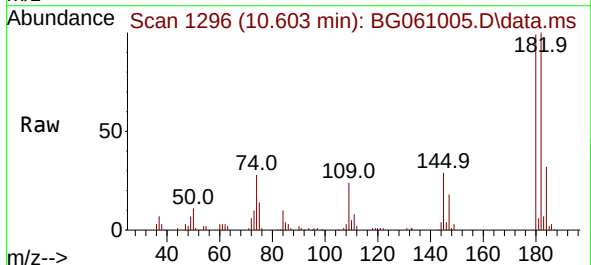
RT: 10.603 min Scan# 1296

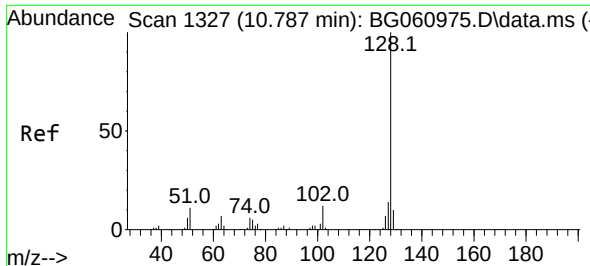
Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Tgt Ion:	180	Resp:	79758
Ion Ratio	Lower	Upper	
180	100		
182	100.7	85.4	128.2
145	29.7	22.6	33.8





#31
Naphthalene
Concen: 41.952 ng
RT: 10.791 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

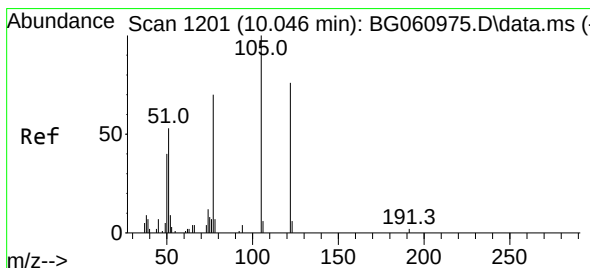
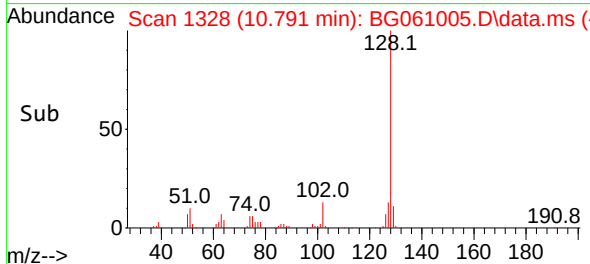
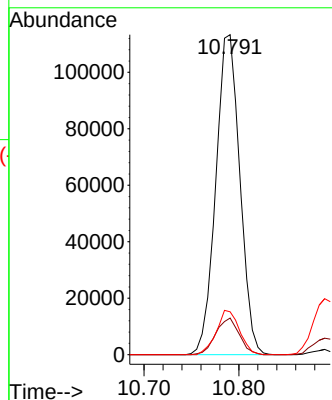
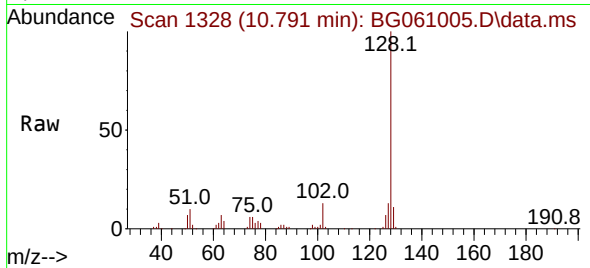
Tgt Ion:128 Resp: 19972
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.4
127 13.4 11.4 17.2

Manual Integrations

APPROVED

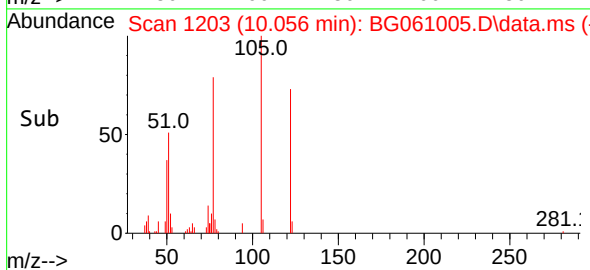
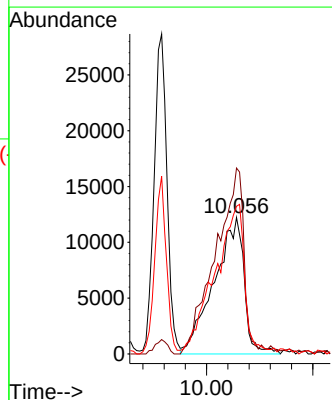
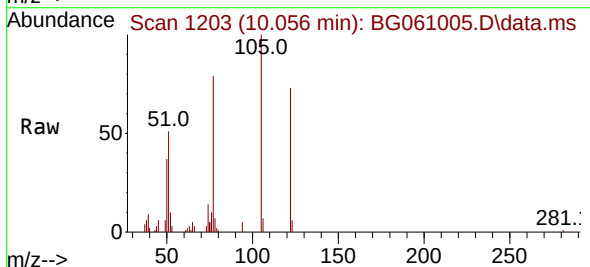
Reviewed By :Yogesh Patel 04/26/2024

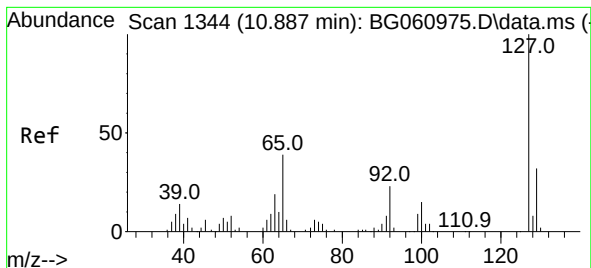
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 44.709 ng m
RT: 10.056 min Scan# 1203
Delta R.T. 0.010 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:122 Resp: 47727
Ion Ratio Lower Upper
122 100
105 136.2 106.2 146.2
77 108.2 70.1 110.1





#33
4-Chloroaniline
Concen: 16.977 ng
RT: 10.891 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

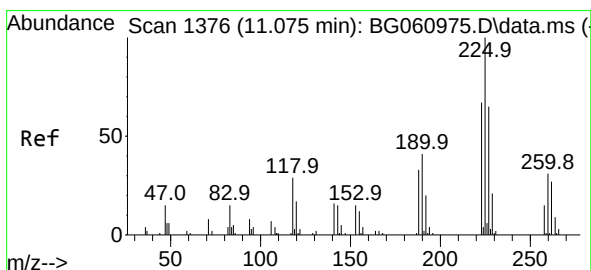
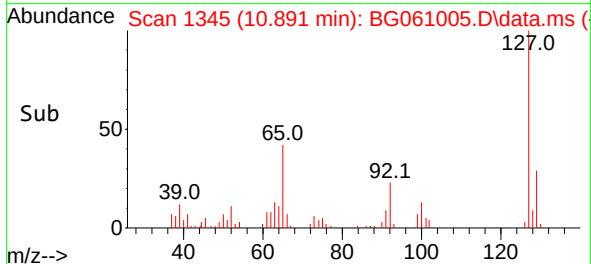
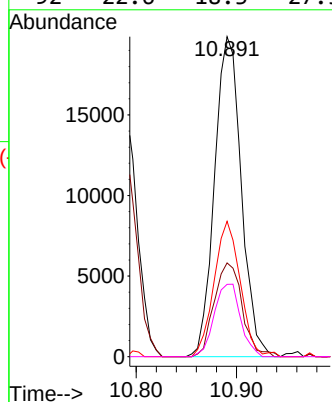
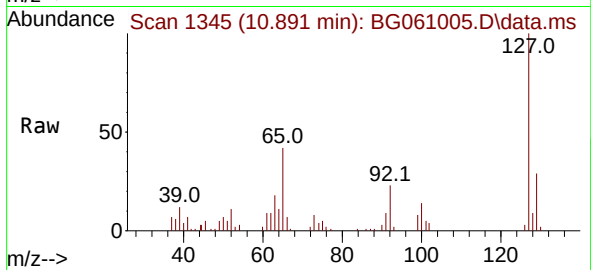
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.3	25.7	38.5
65	42.3	31.4	47.0
92	22.6	18.3	27.5

Manual Integrations

APPROVED

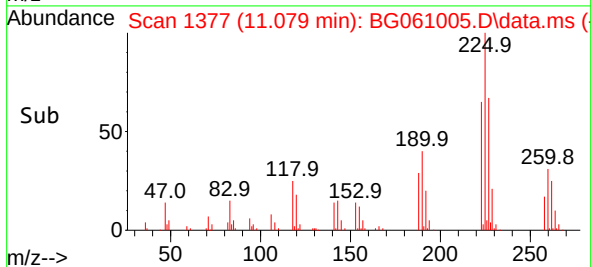
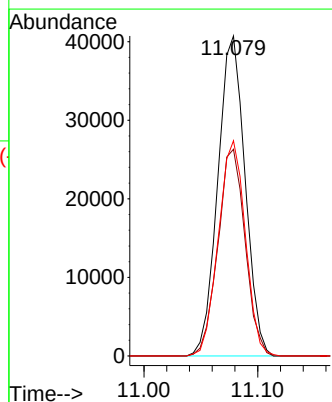
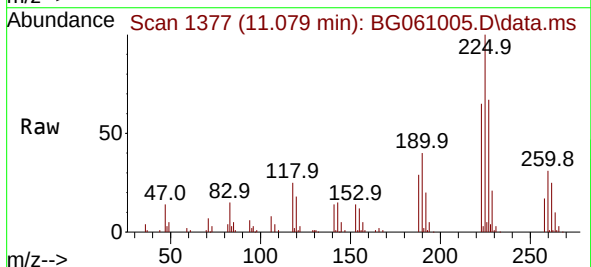
Reviewed By :Yogesh Patel 04/26/2024

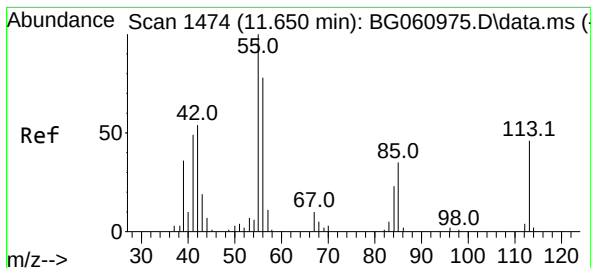
Supervised By :mohammad ahmed 04/27/2024



#34
Hexachlorobutadiene
Concen: 43.217 ng
RT: 11.079 min Scan# 1377
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	53.2	79.8
227	67.2	51.9	77.9





#35
 Caprolactam
 Concen: 43.404 ng m
 RT: 11.666 min Scan# 1477
 Delta R.T. 0.016 min
 Lab File: BG061005.D
 Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

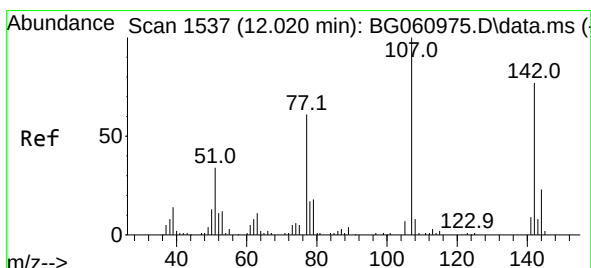
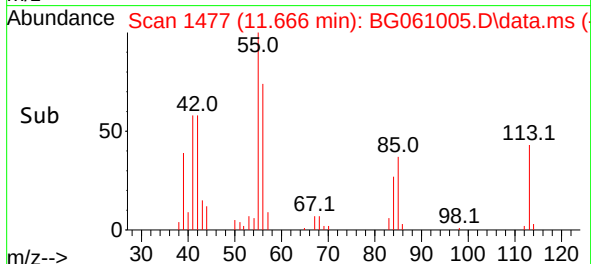
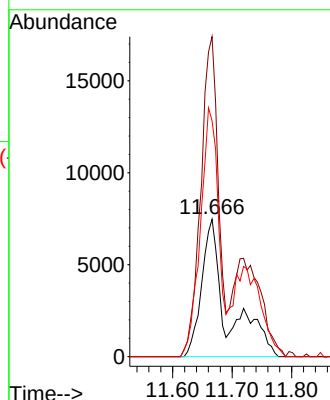
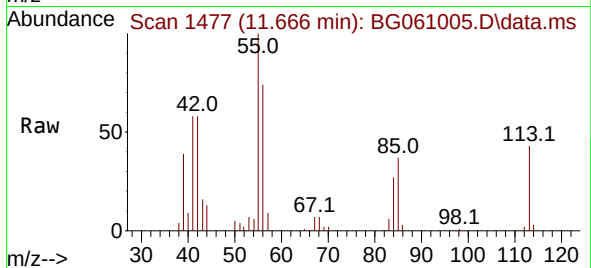
PB160353BS

Tgt Ion:113 Resp: 2235
 Ion Ratio Lower Upper
 113 100
 55 232.9 197.9 237.9
 56 171.7 151.1 191.1

Manual Integrations

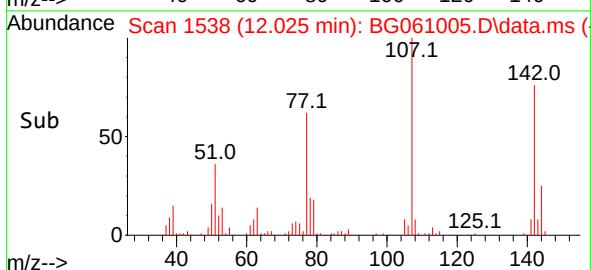
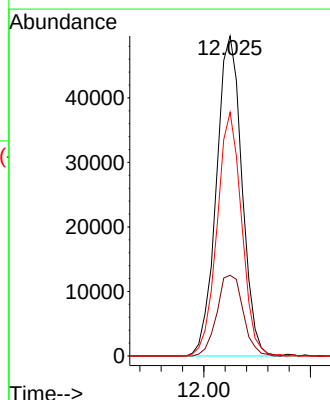
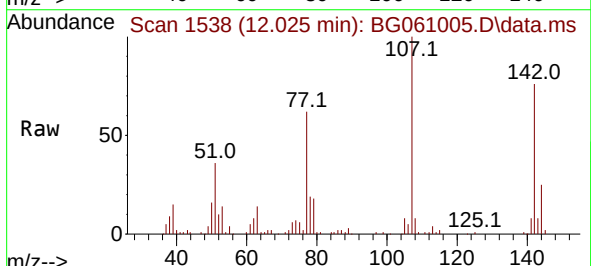
APPROVED

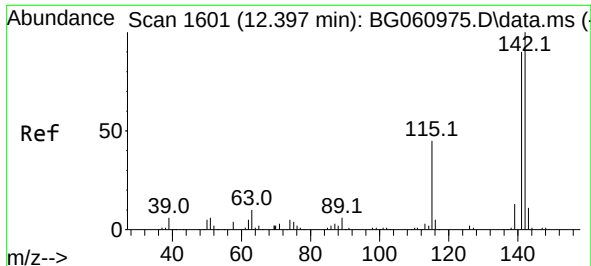
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#36
 4-Chloro-3-methylphenol
 Concen: 43.667 ng
 RT: 12.025 min Scan# 1538
 Delta R.T. 0.004 min
 Lab File: BG061005.D
 Acq: 23 Apr 2024 12:53

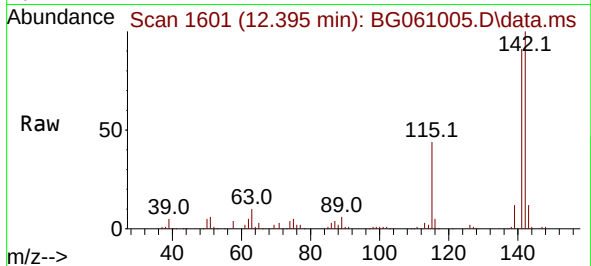
Tgt Ion:107 Resp: 82352
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.5 27.7
 142 76.1 61.4 92.0





#37
2-Methylnaphthalene
Concen: 40.374 ng
RT: 12.395 min Scan# 1601
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

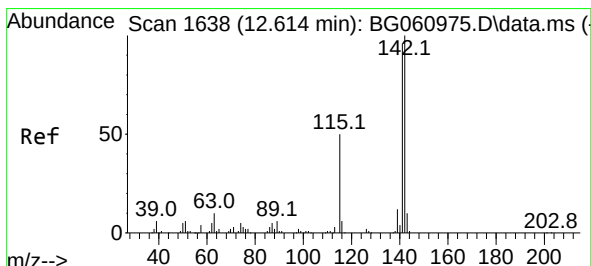
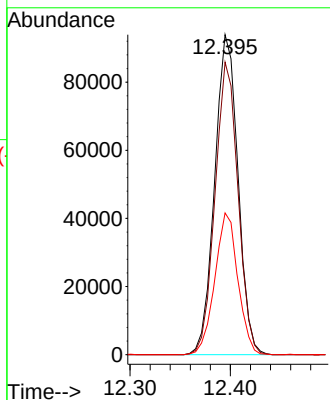
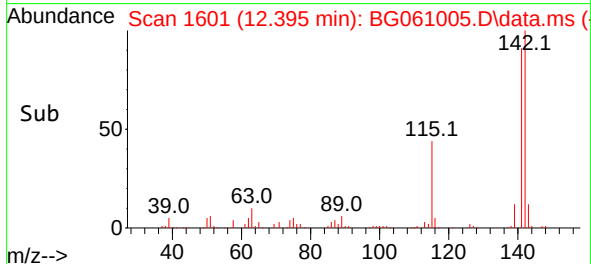
Instrument :
BNA_G
ClientSampleId :
PB160353BS



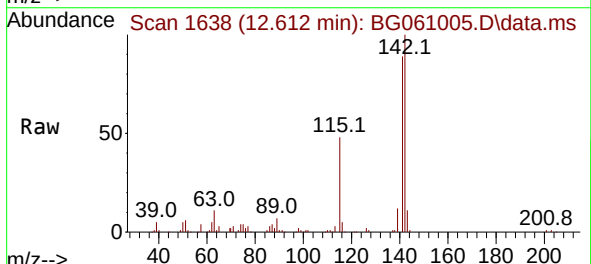
Tgt Ion:142 Resp: 151130
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.4
115 44.3 35.9 53.9

Manual Integrations
APPROVED

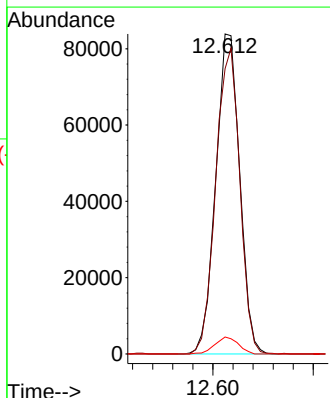
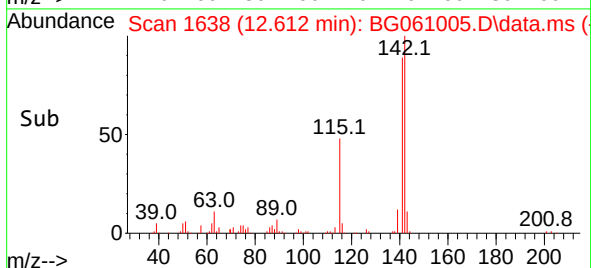
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

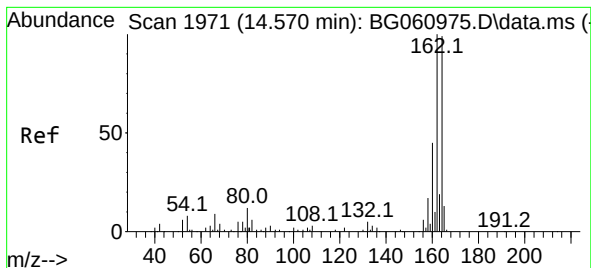


#38
1-Methylnaphthalene
Concen: 39.744 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion:142 Resp: 138829
Ion Ratio Lower Upper
142 100
141 89.1 76.8 115.2
116 5.3 4.4 6.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1971

Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

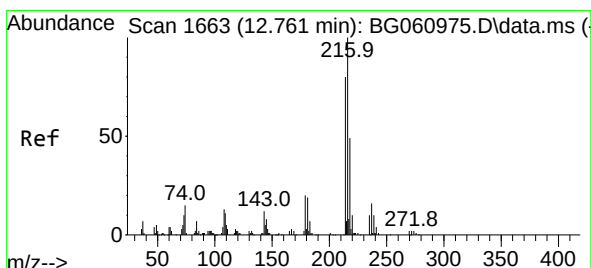
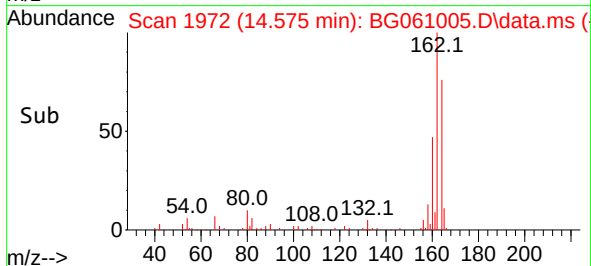
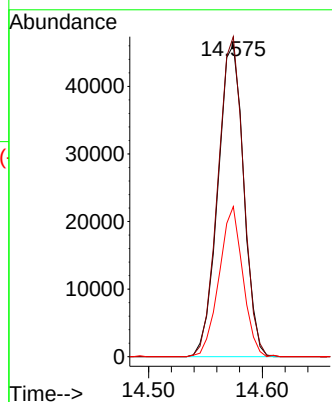
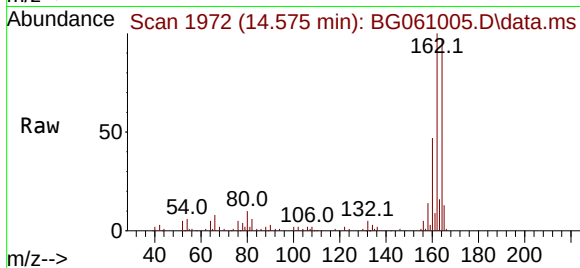
Tgt Ion:164 Resp: 72732
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.2 121.8
 160 48.1 36.2 54.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.853 ng

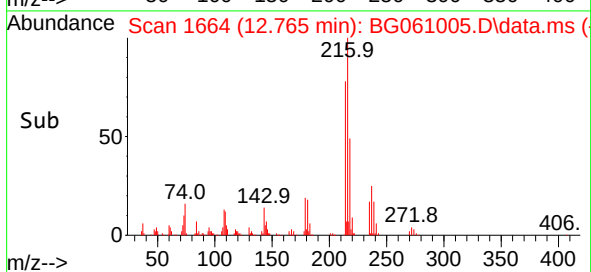
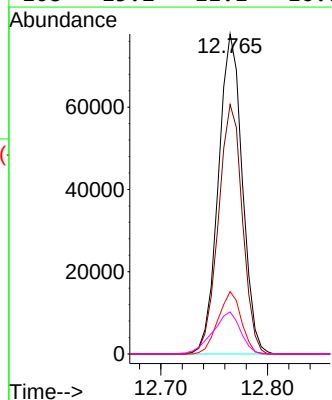
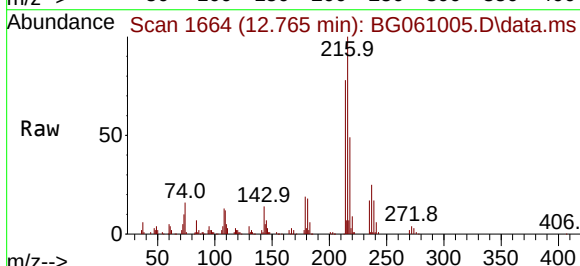
RT: 12.765 min Scan# 1664

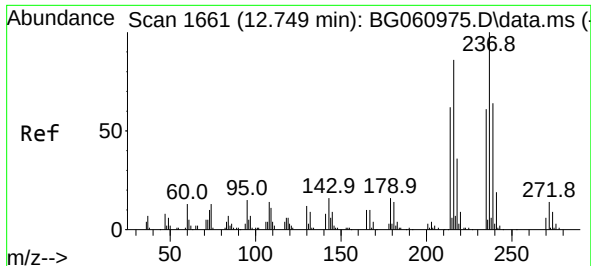
Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Tgt Ion:216 Resp: 121101
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.3 94.9
 179 18.8 15.2 22.8
 108 15.2 11.1 16.7





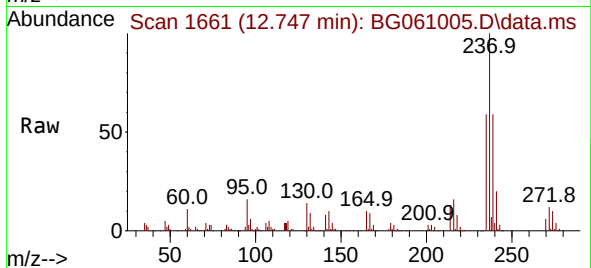
#41
Hexachlorocyclopentadiene
Concen: 99.703 ng
RT: 12.747 min Scan# 1661
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

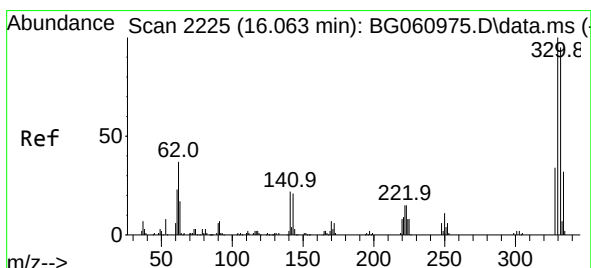
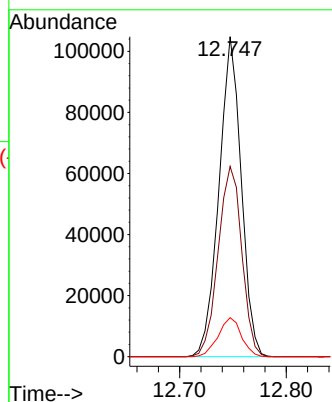
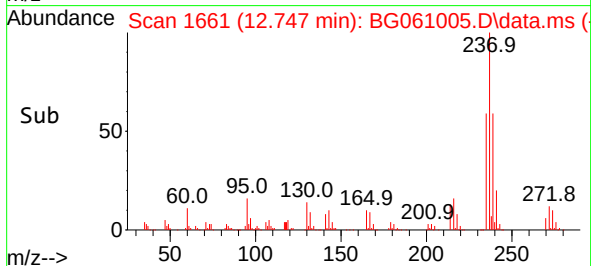


Tgt Ion:237 Resp: 151633
Ion Ratio Lower Upper
237 100
235 59.5 40.7 80.7
272 12.2 0.0 34.5

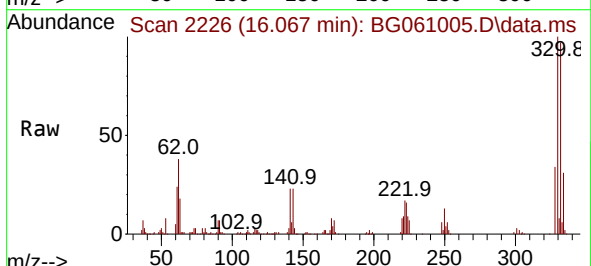
Manual Integrations

APPROVED

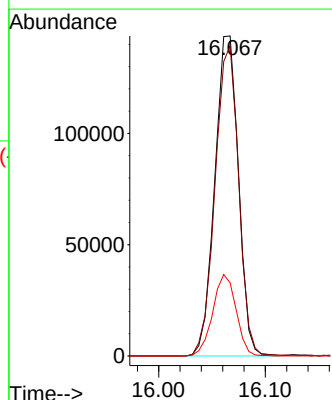
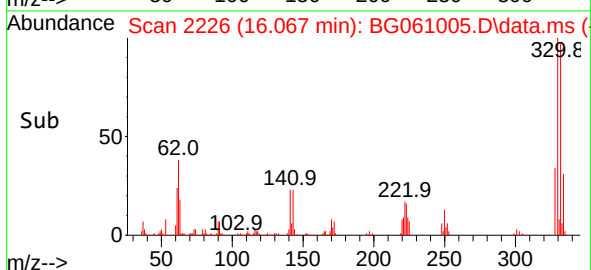
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

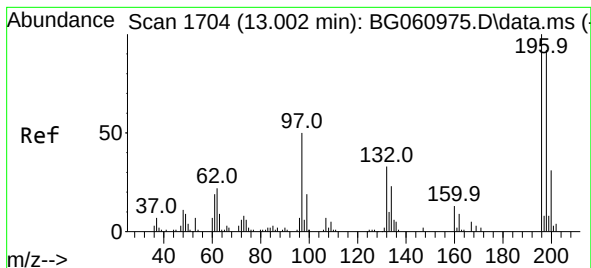


#42
2,4,6-Tribromophenol
Concen: 138.514 ng
RT: 16.067 min Scan# 2226
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion:330 Resp: 221227
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 25.1 20.6 31.0





#43

2,4,6-Trichlorophenol

Concen: 46.493 ng

RT: 13.006 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

Tgt Ion:196 Resp: 7899

Ion Ratio Lower Upper

196 100

198 100.8 73.5 110.3

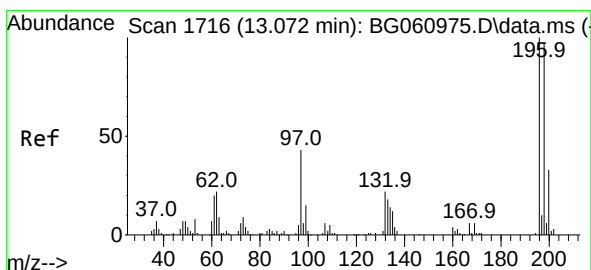
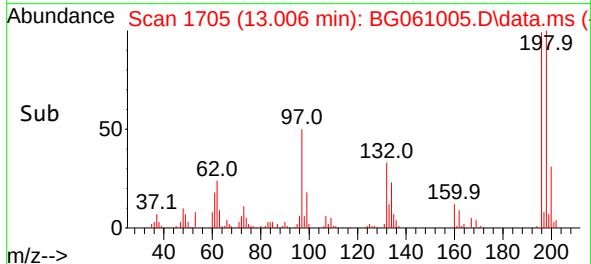
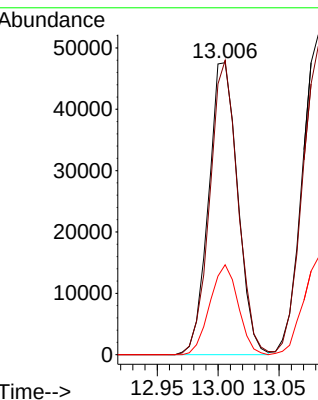
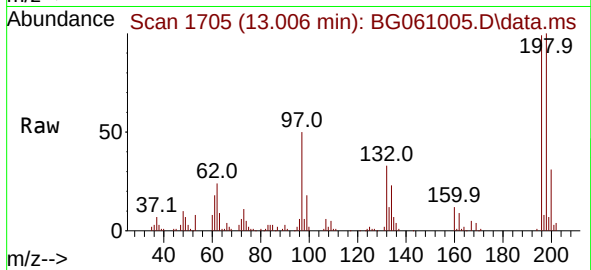
200 30.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#44

2,4,5-Trichlorophenol

Concen: 45.163 ng

RT: 13.082 min Scan# 1718

Delta R.T. 0.010 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Tgt Ion:196 Resp: 90770

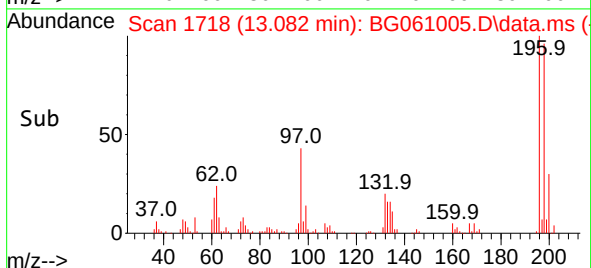
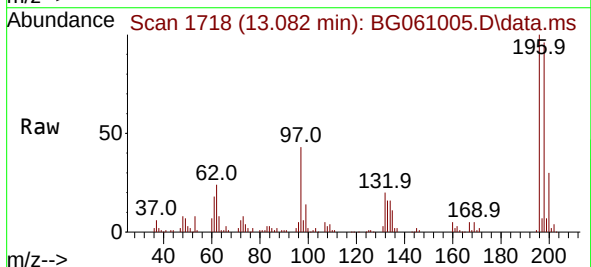
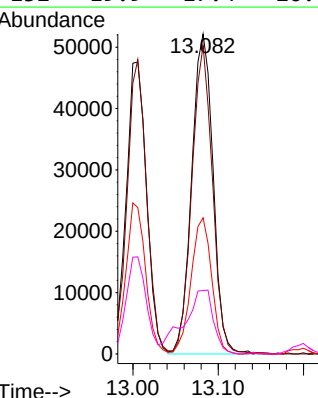
Ion Ratio Lower Upper

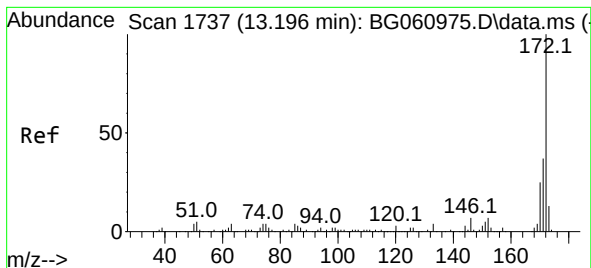
196 100

198 96.4 77.7 116.5

97 42.5 34.2 51.4

132 19.9 17.4 26.0





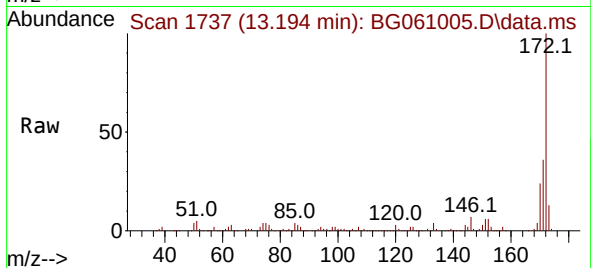
#45
2-Fluorobiphenyl
Concen: 88.090 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS



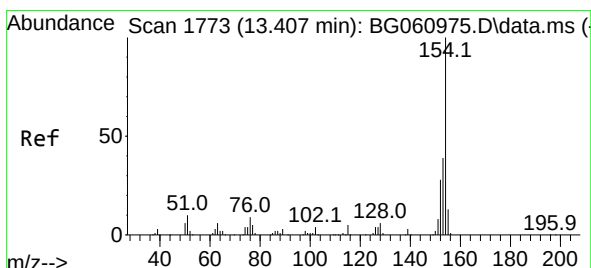
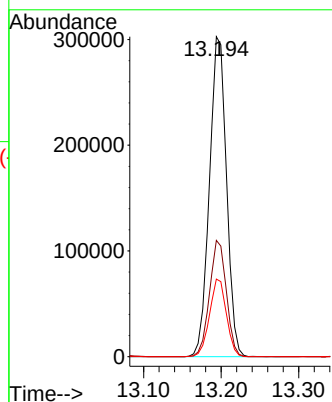
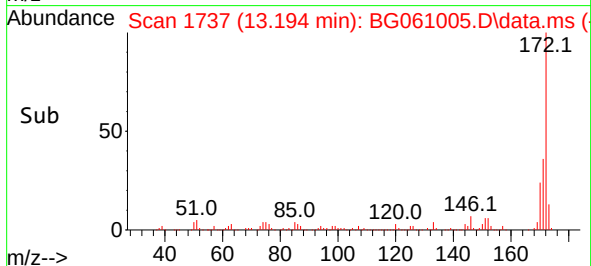
Tgt Ion:172 Resp: 462928
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.3 20.1 30.1

Manual Integrations

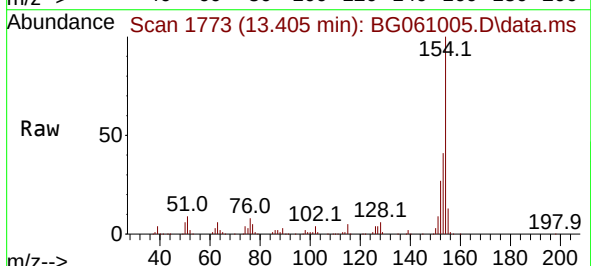
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

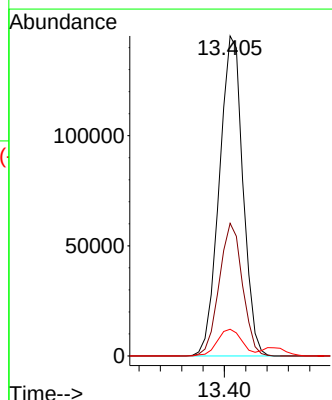
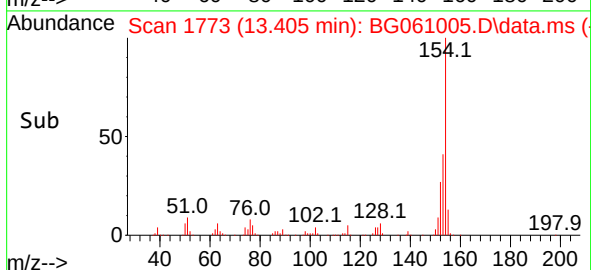
Supervised By :mohammad ahmed 04/27/2024

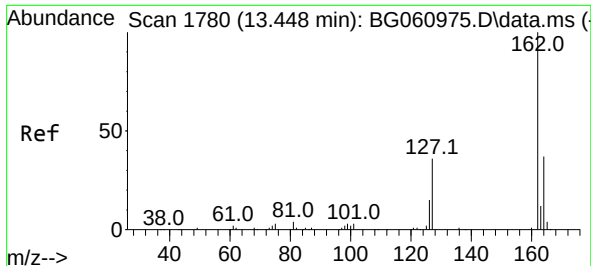


#46
1,1'-Biphenyl
Concen: 45.503 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion:154 Resp: 222928
Ion Ratio Lower Upper
154 100
153 41.4 19.4 59.4
76 8.4 0.0 28.6





#47
2-Chloronaphthalene
Concen: 46.286 ng
RT: 13.446 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

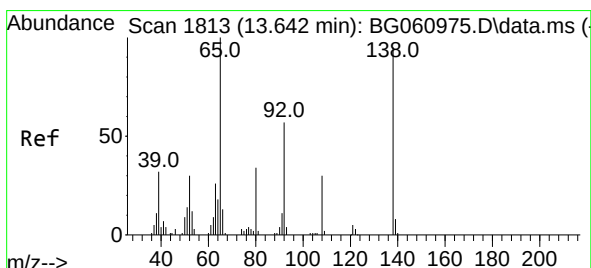
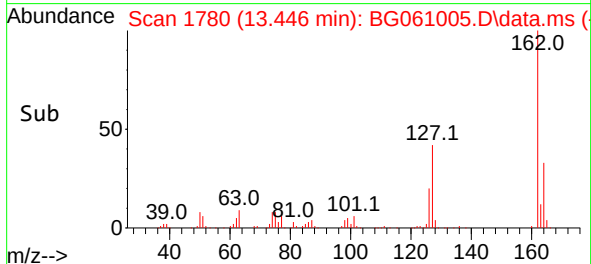
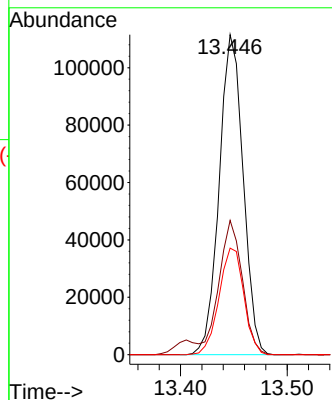
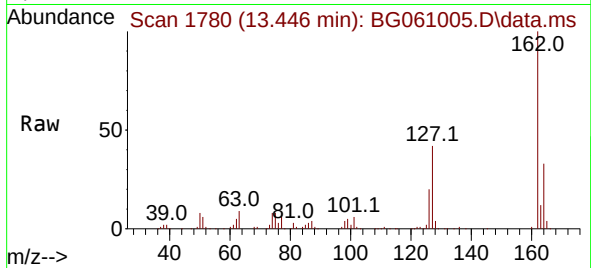
ClientSampleId :

PB160353BS

Tgt Ion:162 Resp: 17386
Ion Ratio Lower Upper
162 100
127 41.9 32.6 49.0
164 33.3 29.9 44.9

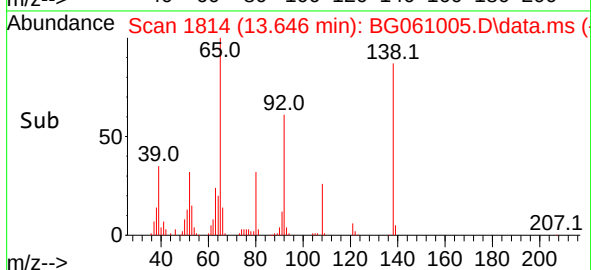
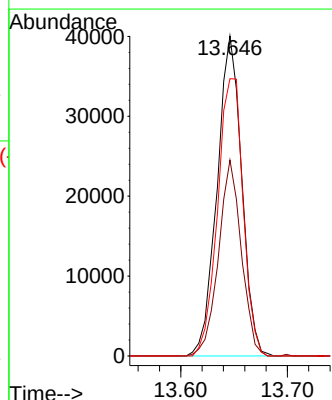
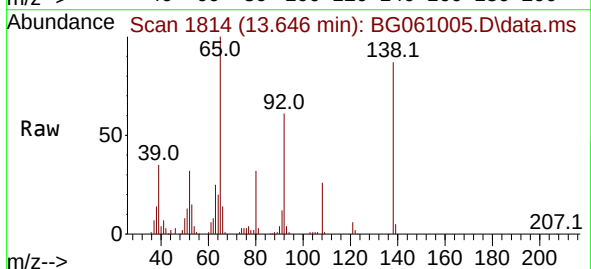
Manual Integrations
APPROVED

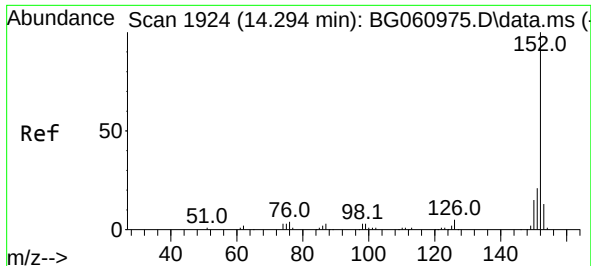
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#48
2-Nitroaniline
Concen: 42.316 ng
RT: 13.646 min Scan# 1814
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion: 65 Resp: 64152
Ion Ratio Lower Upper
65 100
92 61.2 45.4 68.2
138 86.7 75.8 113.6





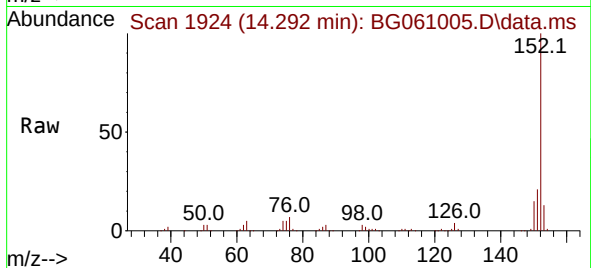
#49
Acenaphthylene
Concen: 46.321 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS



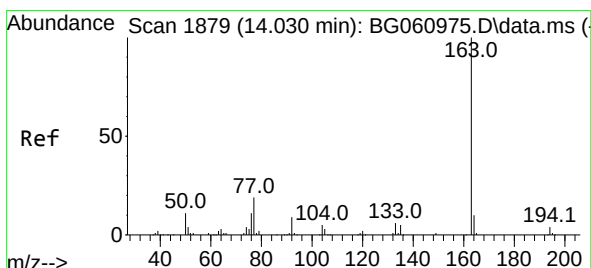
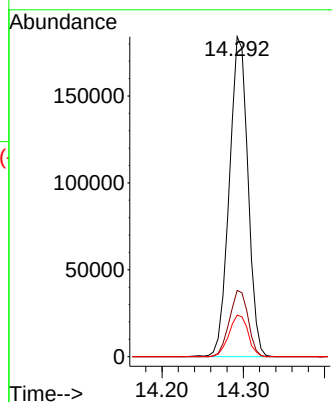
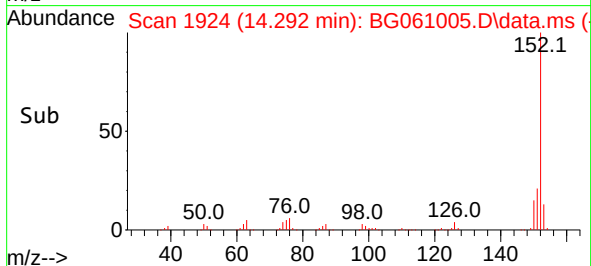
Tgt Ion:152 Resp: 293038
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 13.0 10.7 16.1

Manual Integrations

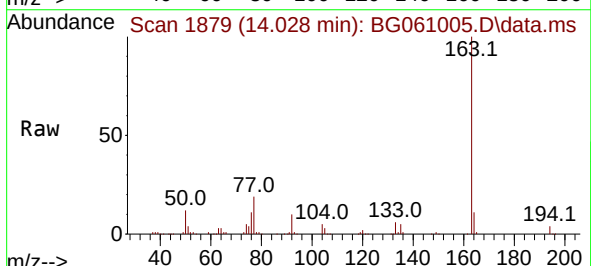
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

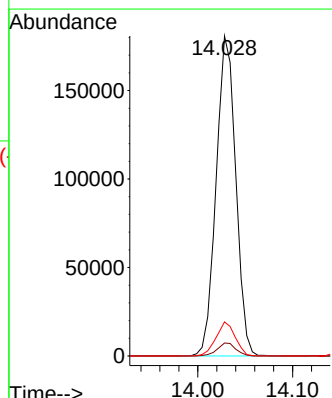
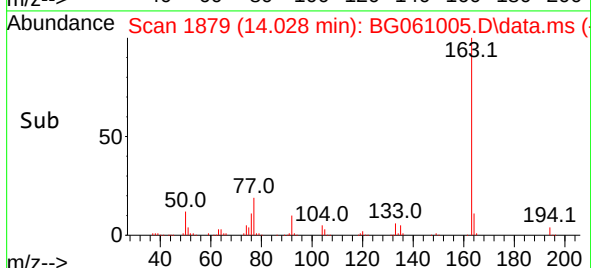
Supervised By :mohammad ahmed 04/27/2024

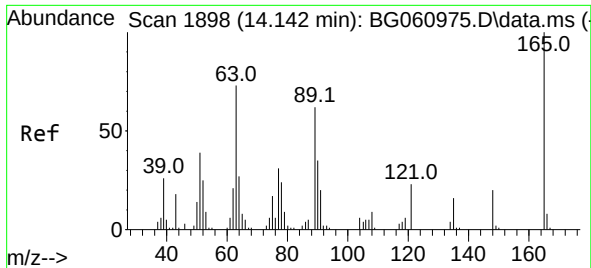


#50
Dimethylphthalate
Concen: 43.330 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion:163 Resp: 259872
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.7 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 43.811 ng
RT: 14.146 min Scan# 1899
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

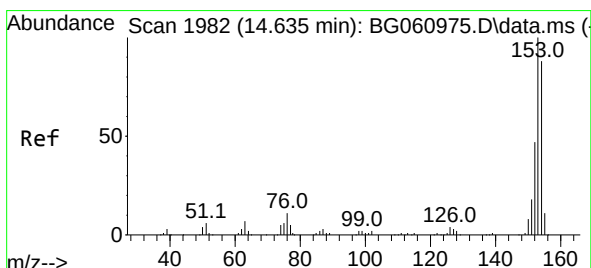
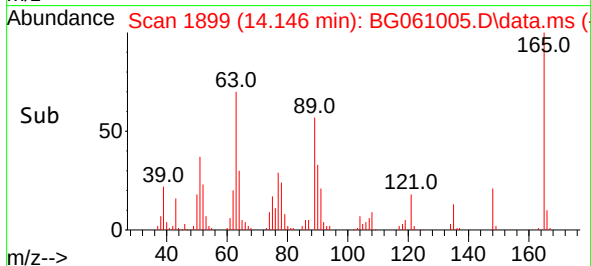
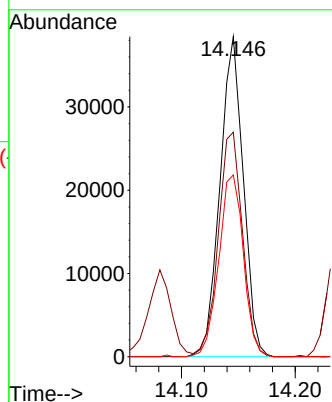
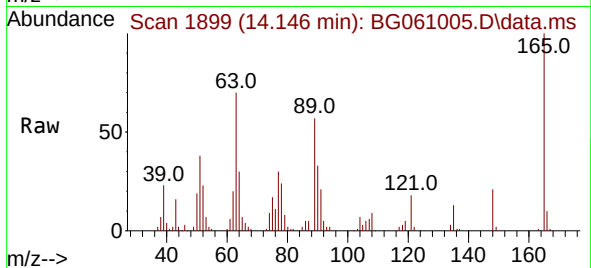
PB160353BS

Tgt Ion:165 Resp: 5482
Ion Ratio Lower Upper
165 100
63 70.2 59.6 89.4
89 56.8 49.4 74.0

Manual Integrations

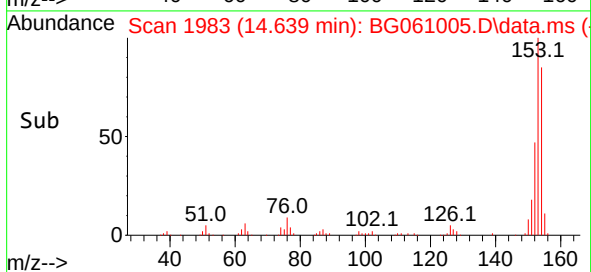
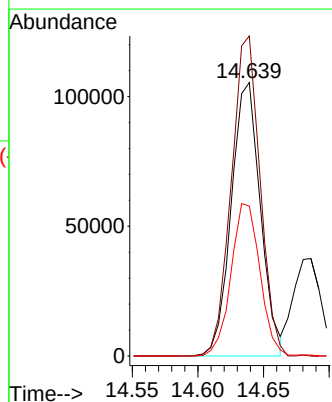
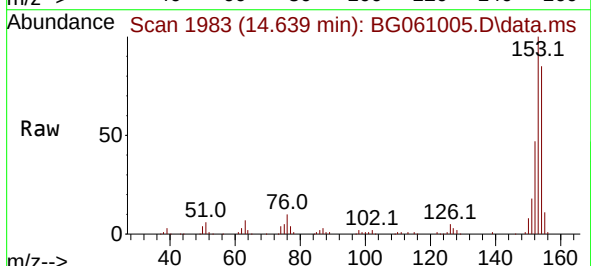
APPROVED

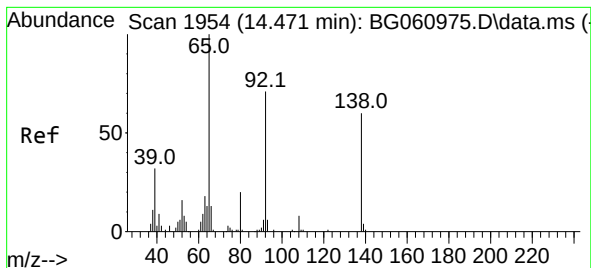
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#52
Acenaphthene
Concen: 42.458 ng
RT: 14.639 min Scan# 1983
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:154 Resp: 163208
Ion Ratio Lower Upper
154 100
153 117.1 91.2 136.8
152 54.8 42.7 64.1





#53
3-Nitroaniline
Concen: 27.573 ng
RT: 14.475 min Scan# 1954
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

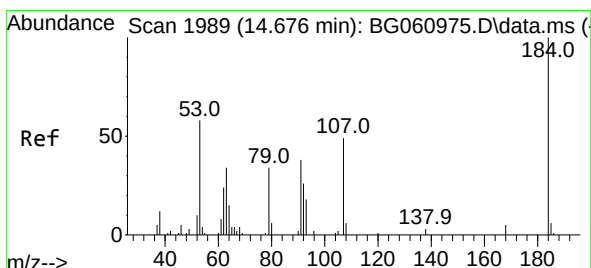
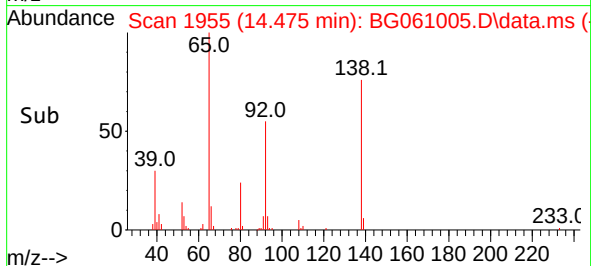
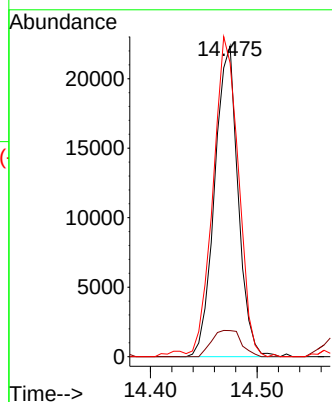
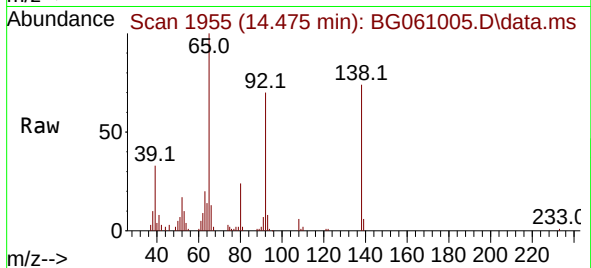
PB160353BS

Tgt Ion:138 Resp: 34024
Ion Ratio Lower Upper
138 100
108 8.4 10.1 15.1
92 94.5 94.6 141.8

Manual Integrations

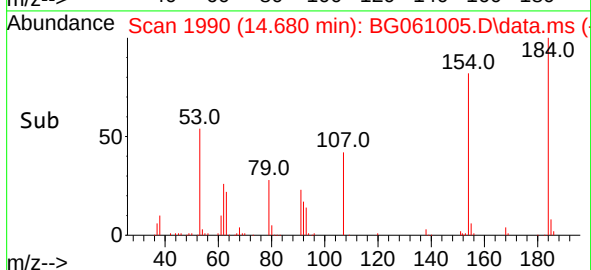
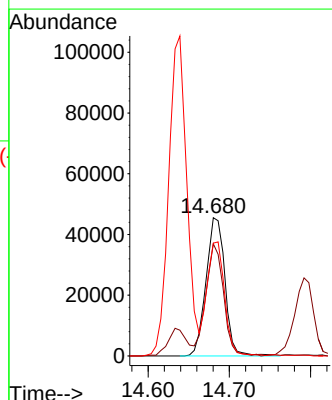
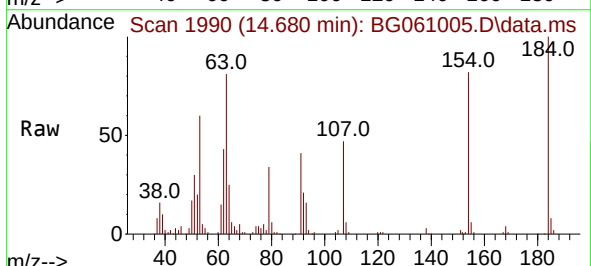
APPROVED

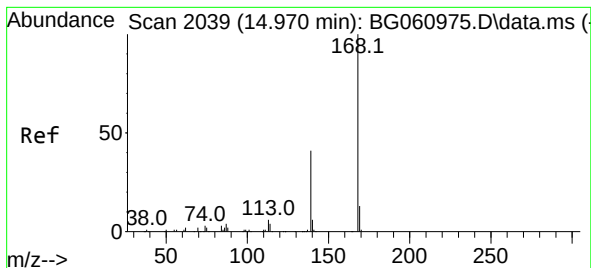
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#54
2,4-Dinitrophenol
Concen: 89.827 ng
RT: 14.680 min Scan# 1990
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:184 Resp: 73834
Ion Ratio Lower Upper
184 100
63 81.2 59.0 88.6
154 81.6 61.2 91.8





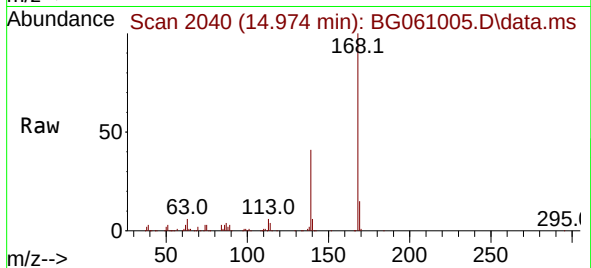
#55
Dibenzofuran
Concen: 42.798 ng
RT: 14.974 min Scan# 2039
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS



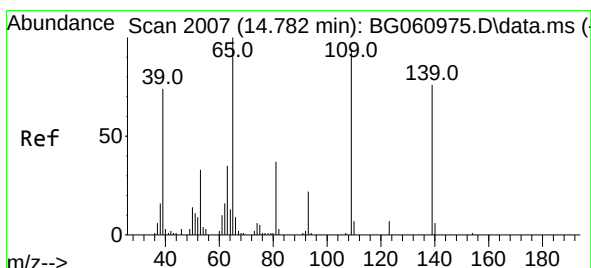
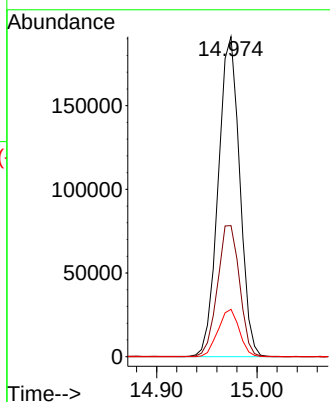
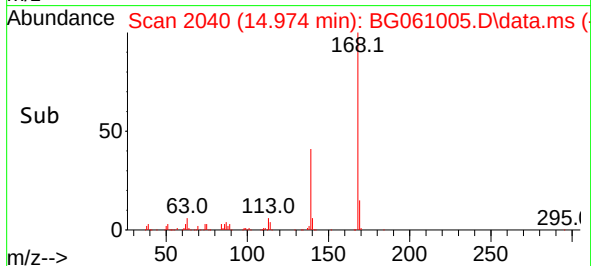
Tgt Ion:168 Resp: 284090
Ion Ratio Lower Upper
168 100
139 41.0 32.4 48.6
169 14.8 10.6 15.8

Manual Integrations

APPROVED

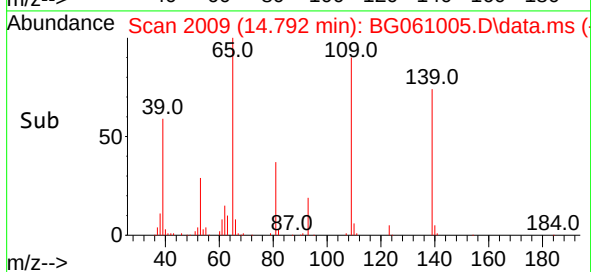
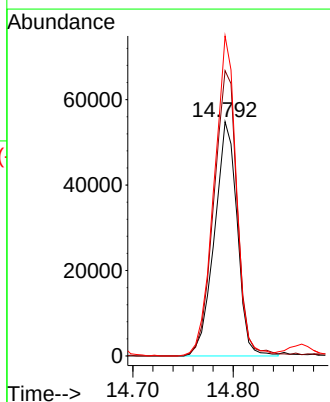
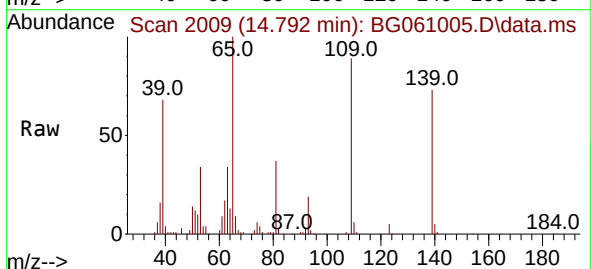
Reviewed By :Yogesh Patel 04/26/2024

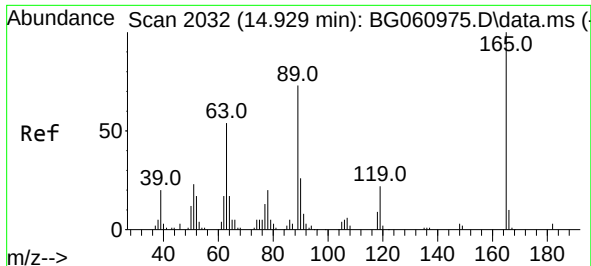
Supervised By :mohammad ahmed 04/27/2024



#56
4-Nitrophenol
Concen: 97.534 ng
RT: 14.792 min Scan# 2009
Delta R.T. 0.010 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:139 Resp: 86224
Ion Ratio Lower Upper
139 100
109 121.8 104.1 144.1
65 136.6 112.0 152.0





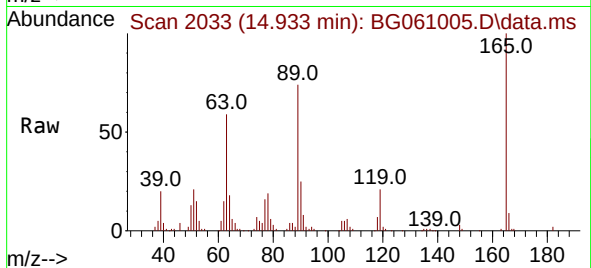
#57
2,4-Dinitrotoluene
Concen: 44.705 ng
RT: 14.933 min Scan# 2033
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

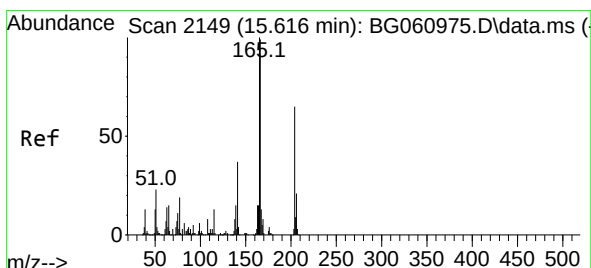
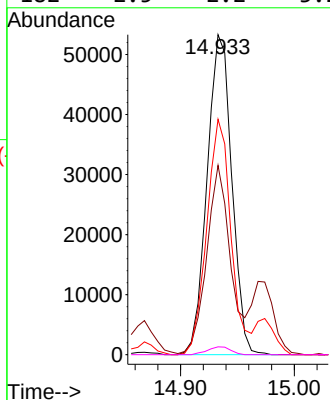
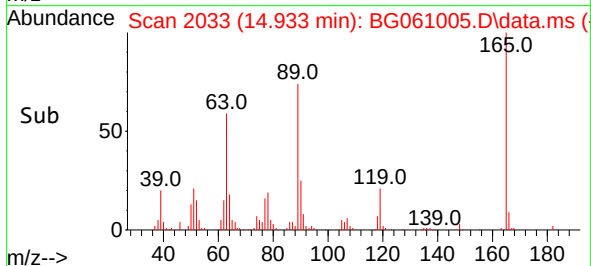


Tgt Ion:165 Resp: 80579
Ion Ratio Lower Upper
165 100
63 59.1 43.4 65.2
89 73.6 58.4 87.6
182 2.5 2.2 3.2

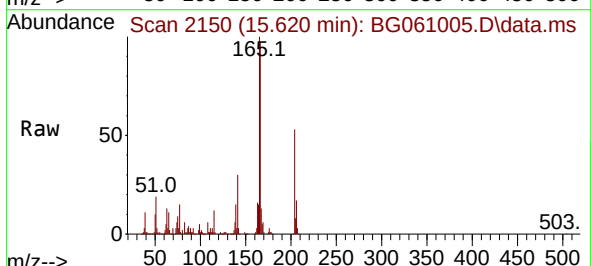
Manual Integrations

APPROVED

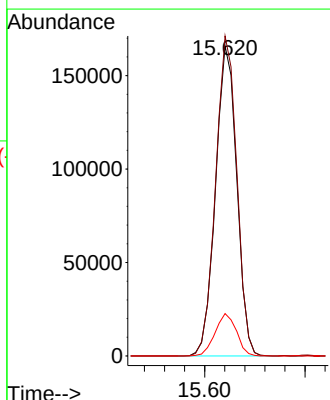
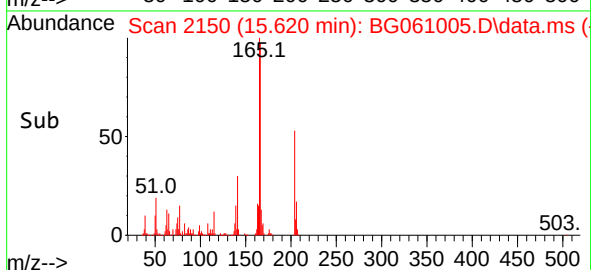
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

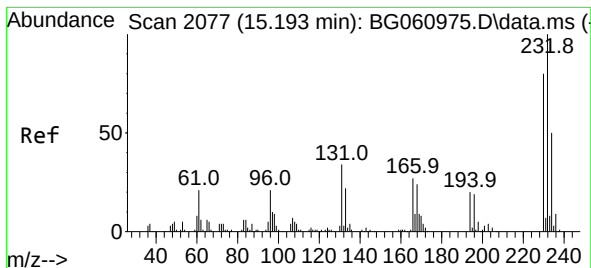


#58
Fluorene
Concen: 43.440 ng
RT: 15.620 min Scan# 2150
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion:166 Resp: 243380
Ion Ratio Lower Upper
166 100
165 103.2 80.9 121.3
167 13.7 10.5 15.7





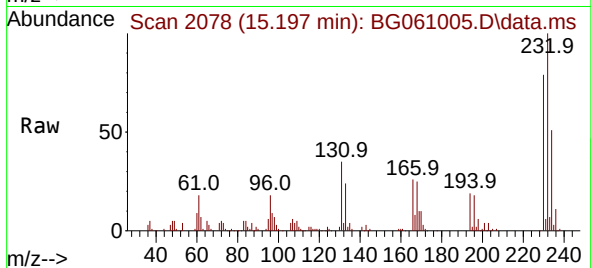
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.290 ng
RT: 15.197 min Scan# 2077
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS



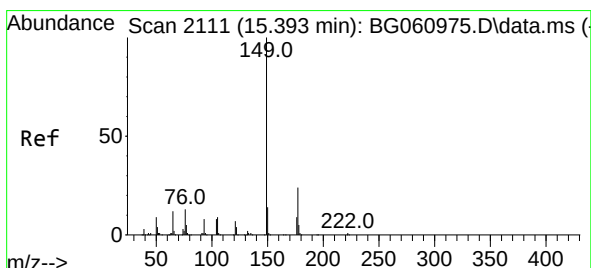
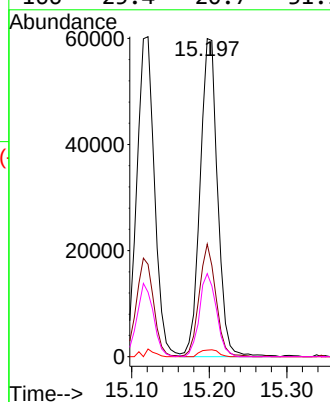
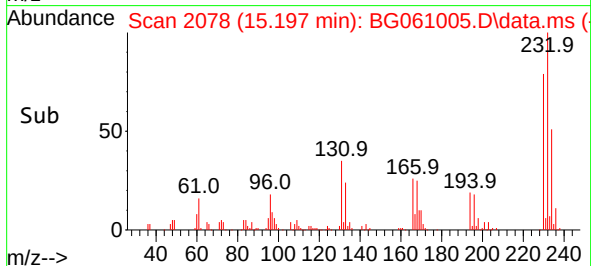
Tgt Ion:232 Resp: 93895
Ion Ratio Lower Upper
232 100
131 33.8 27.4 41.0
130 2.3 1.5 2.3
166 25.4 20.7 31.1

Manual Integrations

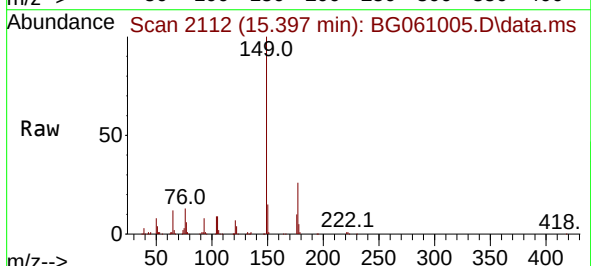
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

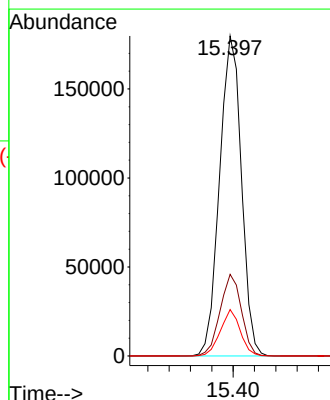
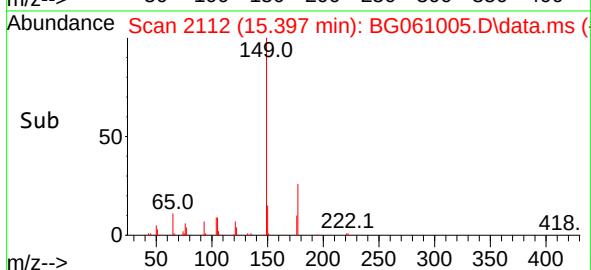
Supervised By :mohammad ahmed 04/27/2024

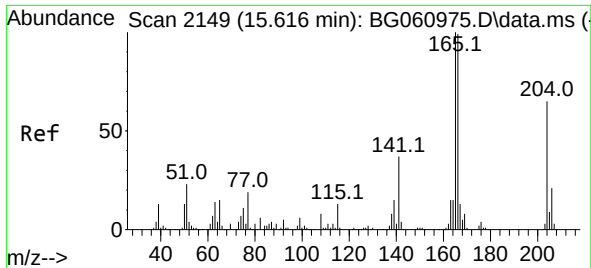


#60
Diethylphthalate
Concen: 43.210 ng
RT: 15.397 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



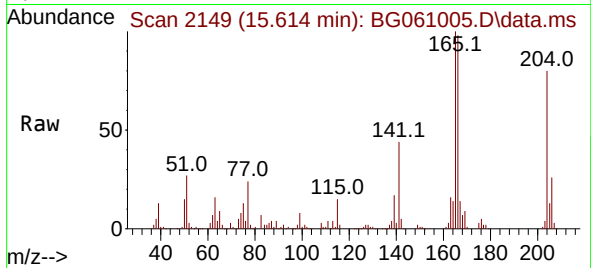
Tgt Ion:149 Resp: 255215
Ion Ratio Lower Upper
149 100
177 25.5 18.8 28.2
150 14.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 42.235 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

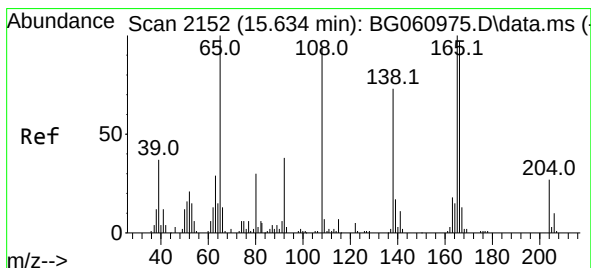
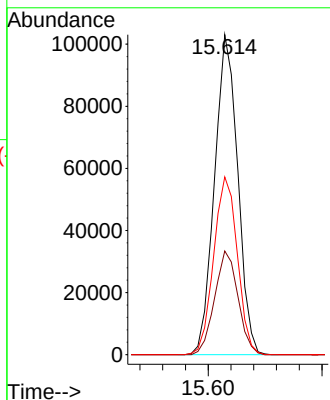
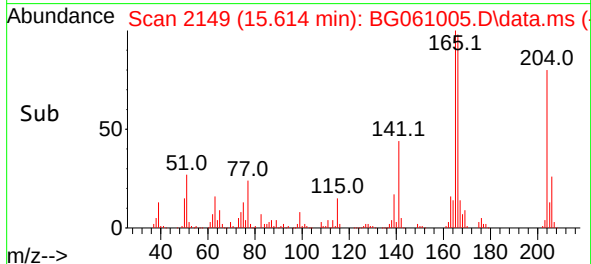
Instrument :
BNA_G
ClientSampleId :
PB160353BS



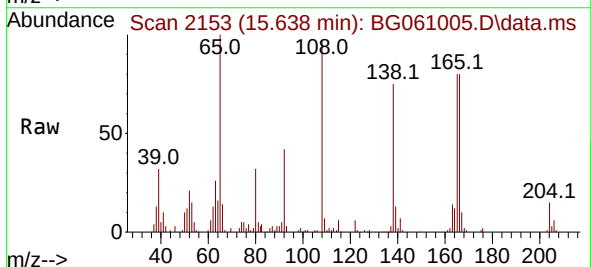
Tgt Ion:204 Resp: 14594
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 55.6 45.4 68.0

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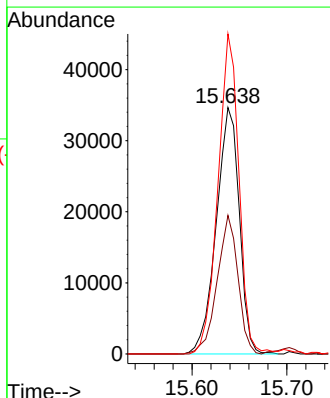
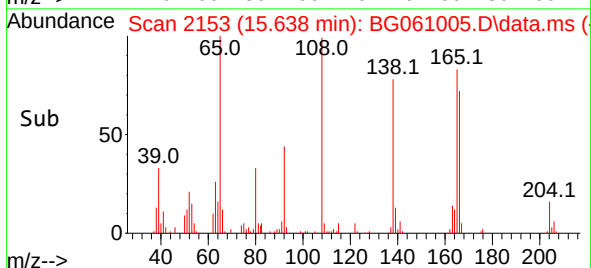
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

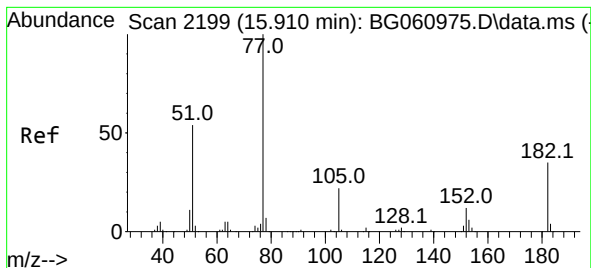


#62
4-Nitroaniline
Concen: 43.975 ng
RT: 15.638 min Scan# 2153
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion:138 Resp: 58512
Ion Ratio Lower Upper
138 100
92 56.3 32.2 72.2
108 129.9 109.0 149.0





#63

Azobenzene

Concen: 43.145 ng

RT: 15.908 min Scan# 2199

Delta R.T. -0.002 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

Tgt Ion: 77 Resp: 207274

Ion Ratio Lower Upper

77 100

182 31.6 14.5 54.5

105 19.0 1.9 41.9

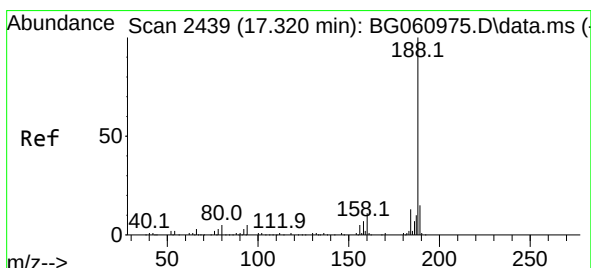
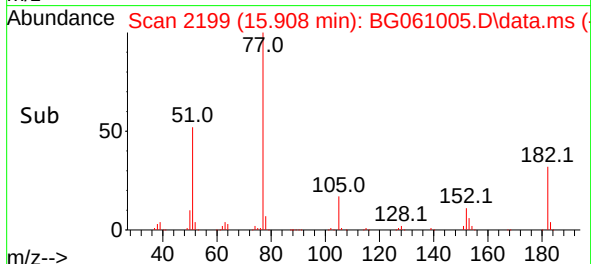
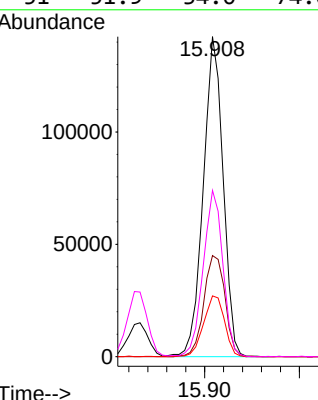
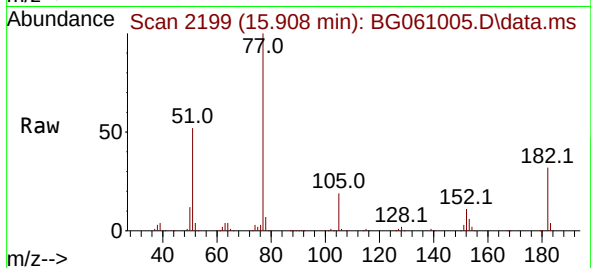
51 51.9 34.0 74.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

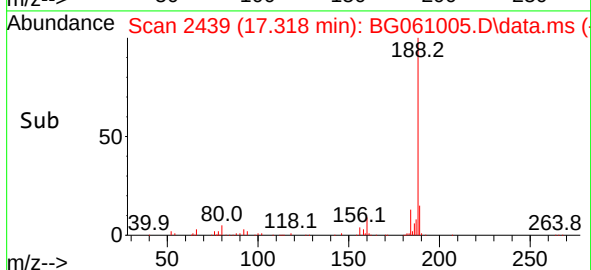
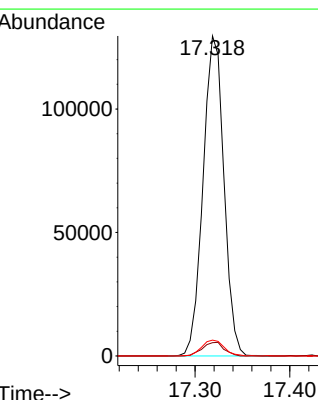
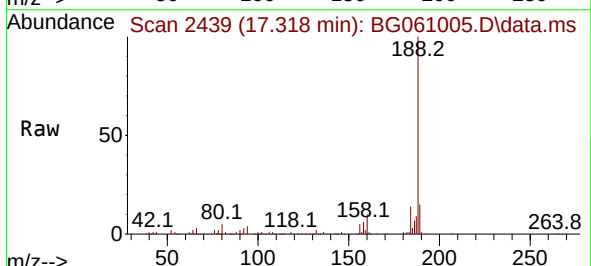
Tgt Ion:188 Resp: 197980

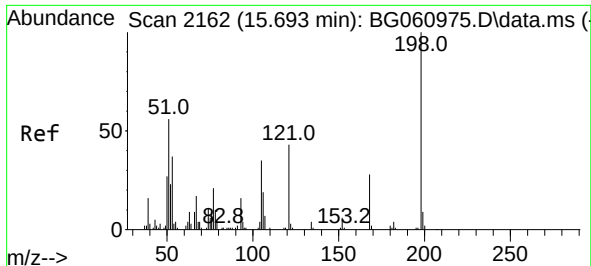
Ion Ratio Lower Upper

188 100

94 4.2 4.1 6.1

80 4.9 4.0 6.0





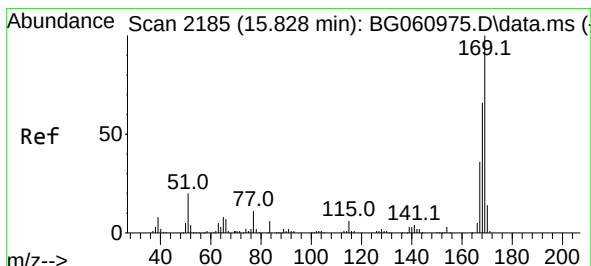
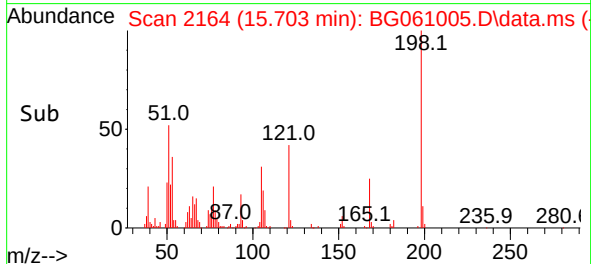
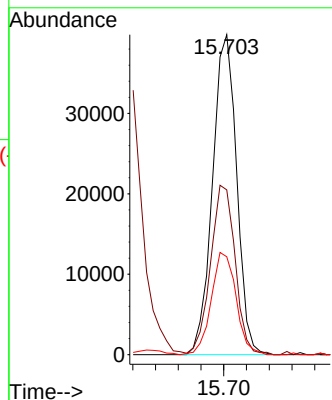
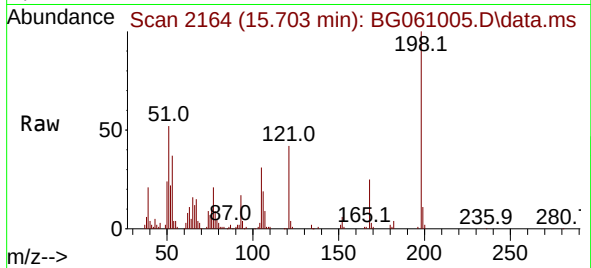
#65
4,6-Dinitro-2-methylphenol
Concen: 47.834 ng
RT: 15.703 min Scan# 2164
Delta R.T. 0.010 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :
BNA_G
ClientSampleId :
PB160353BS

Tgt Ion:198 Resp: 5847
Ion Ratio Lower Upper
198 100
51 51.5 38.6 78.6
105 30.6 14.5 54.5

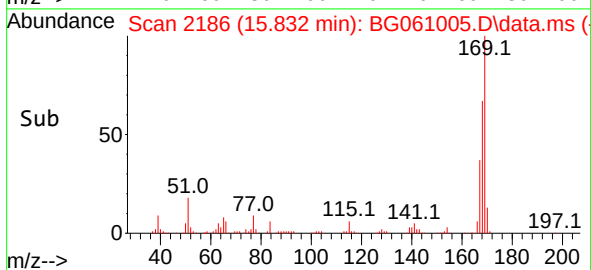
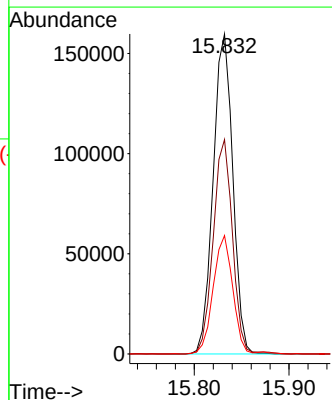
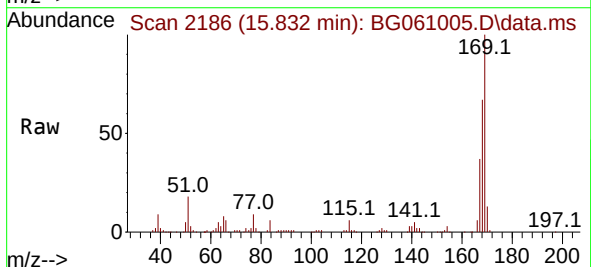
Manual Integrations
APPROVED

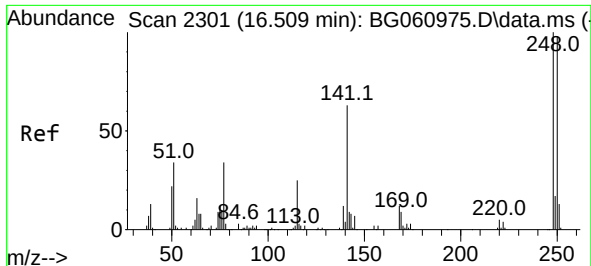
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#66
n-Nitrosodiphenylamine
Concen: 42.155 ng
RT: 15.832 min Scan# 2186
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:169 Resp: 229930
Ion Ratio Lower Upper
169 100
168 67.0 52.5 78.7
167 37.0 28.8 43.2





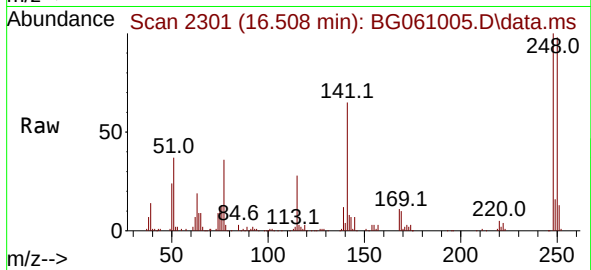
#67
4-Bromophenyl-phenylether
Concen: 42.127 ng
RT: 16.508 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS



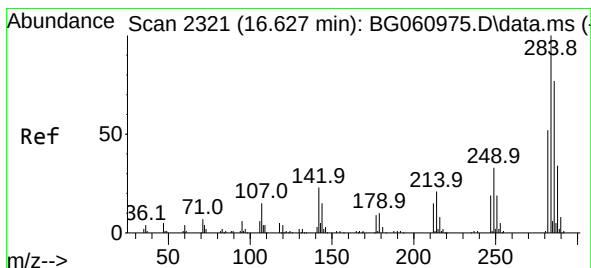
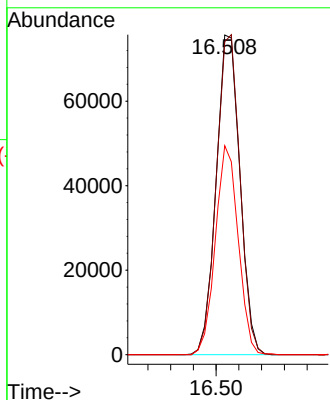
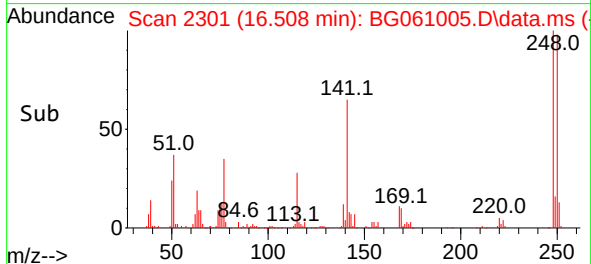
Tgt Ion:248 Resp: 11007
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 65.4 50.4 75.6

Manual Integrations

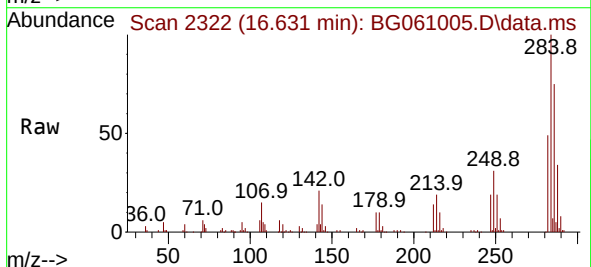
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

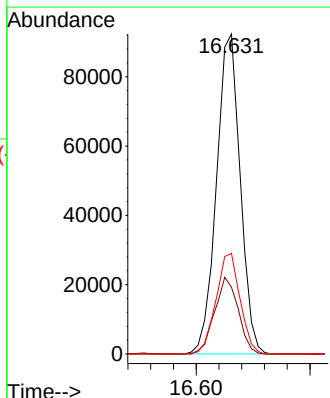
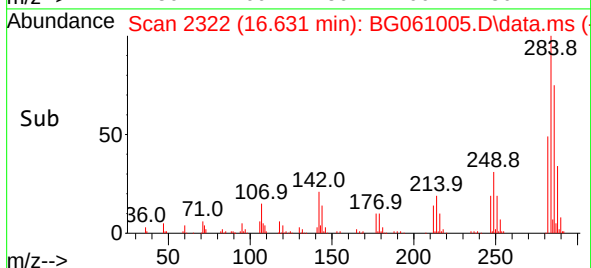
Supervised By :mohammad ahmed 04/27/2024

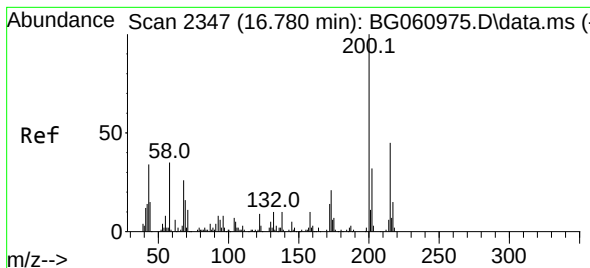


#68
Hexachlorobenzene
Concen: 46.383 ng
RT: 16.631 min Scan# 2322
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion:284 Resp: 133866
Ion Ratio Lower Upper
284 100
142 20.8 18.7 28.1
249 31.4 26.4 39.6





#69

Atrazine

Concen: 50.617 ng

RT: 16.784 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

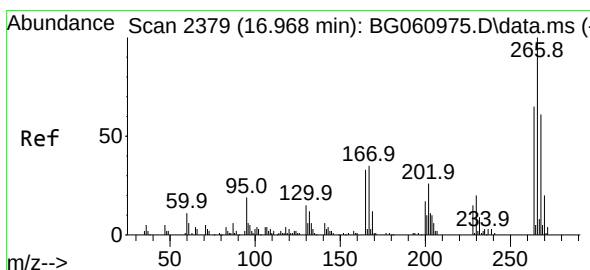
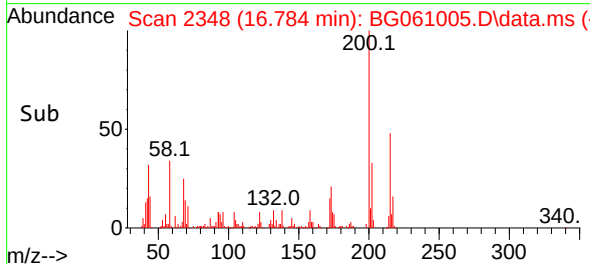
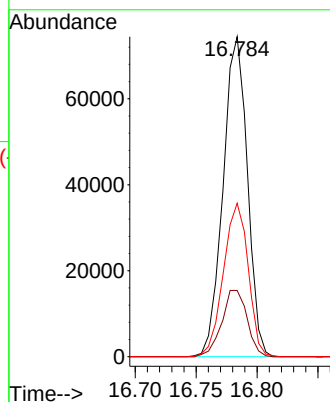
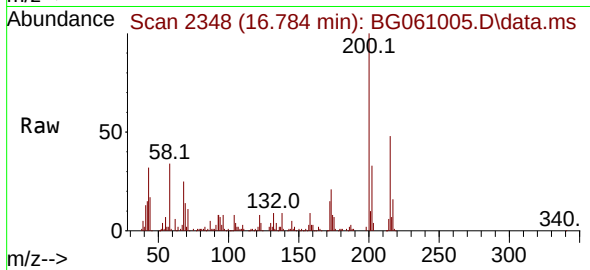
Tgt Ion:200 Resp: 10333
 Ion Ratio Lower Upper
 200 100
 173 20.7 1.4 41.4
 215 48.0 25.3 65.3

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#70

Pentachlorophenol

Concen: 93.175 ng

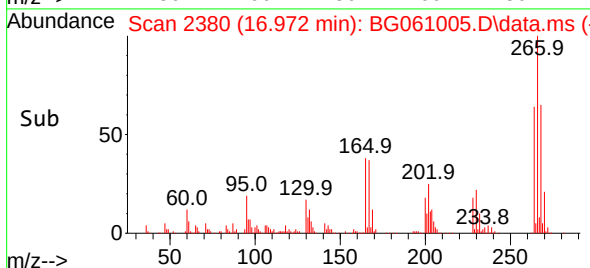
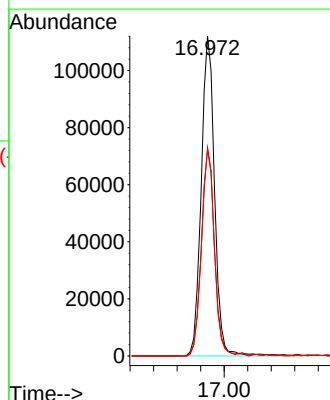
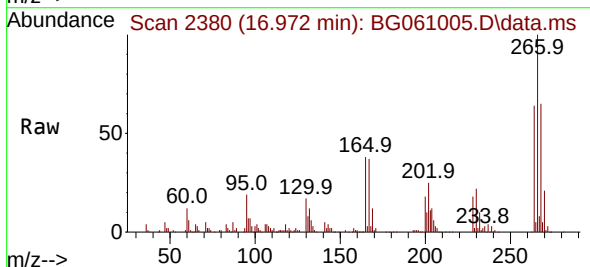
RT: 16.972 min Scan# 2380

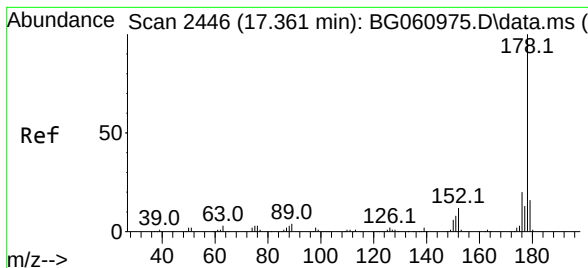
Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Tgt Ion:266 Resp: 176331
 Ion Ratio Lower Upper
 266 100
 268 65.1 49.1 73.7
 264 64.5 52.2 78.2





#71

Phenanthrene

Concen: 43.136 ng

RT: 17.365 min Scan# 2446

Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

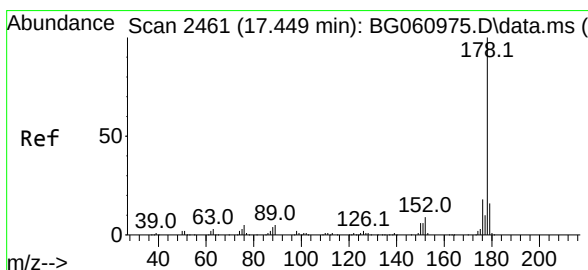
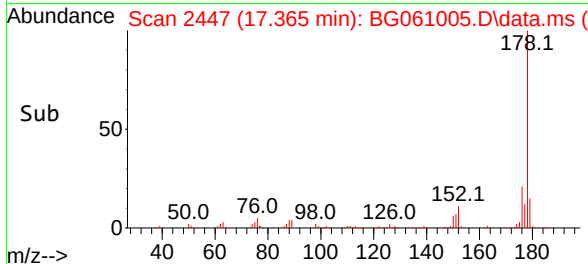
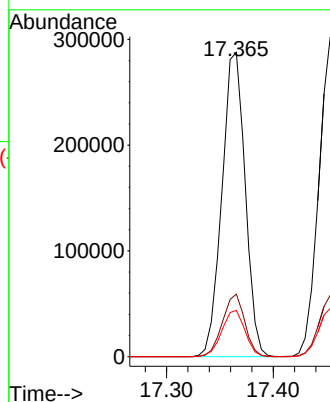
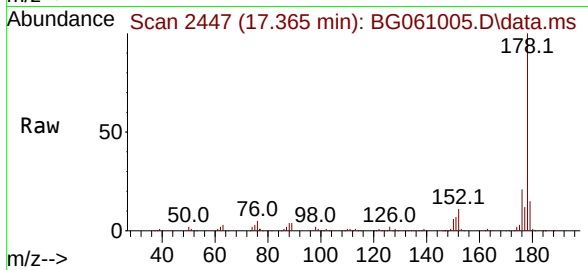
Tgt Ion:178 Resp: 435907
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.0 24.0
 179 15.2 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#72

Anthracene

Concen: 42.325 ng

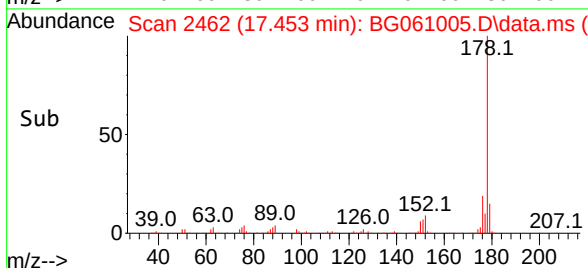
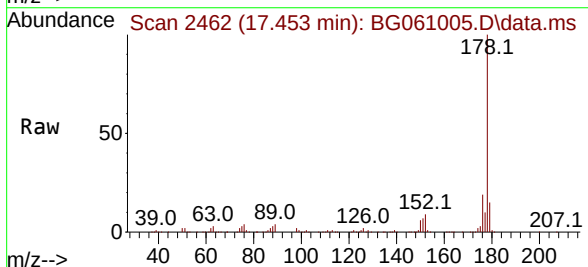
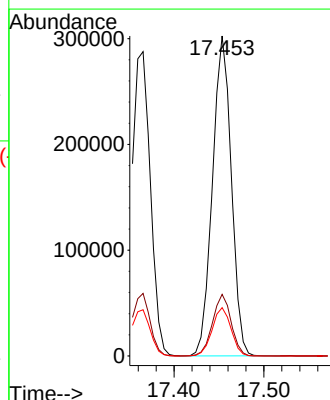
RT: 17.453 min Scan# 2462

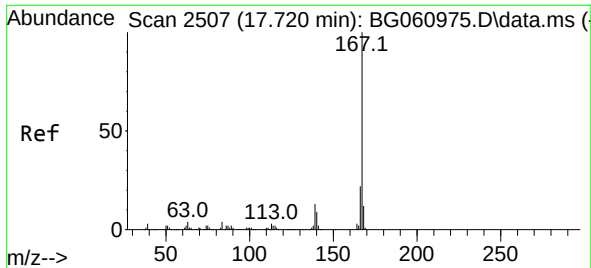
Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

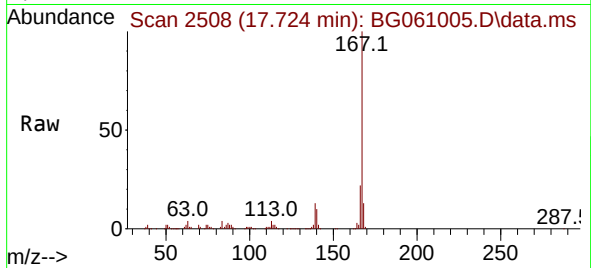
Tgt Ion:178 Resp: 440509
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.7 22.1
 179 15.1 12.4 18.6





#73
Carbazole
Concen: 44.101 ng
RT: 17.724 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

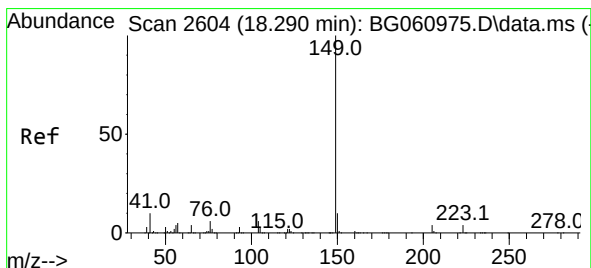
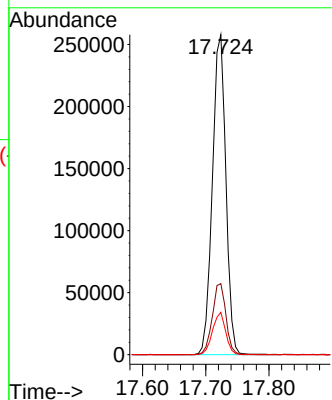
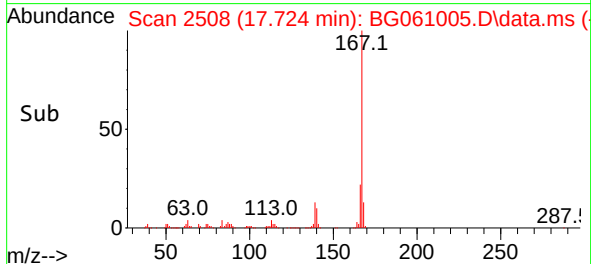
Instrument :
BNA_G
ClientSampleId :
PB160353BS



Tgt Ion:167 Resp: 38120
Ion Ratio Lower Upper
167 100
166 22.2 17.8 26.8
139 13.3 10.2 15.2

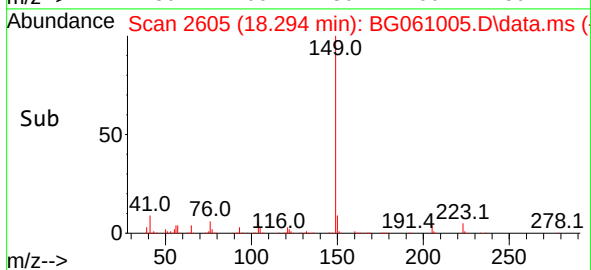
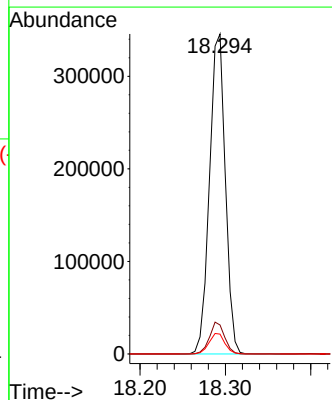
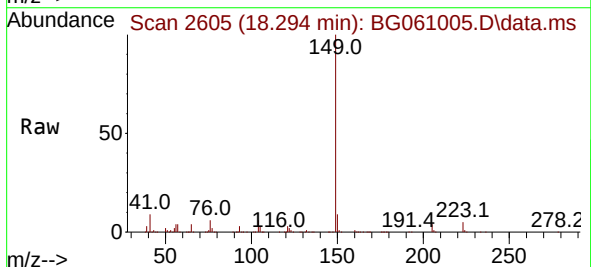
Manual Integrations
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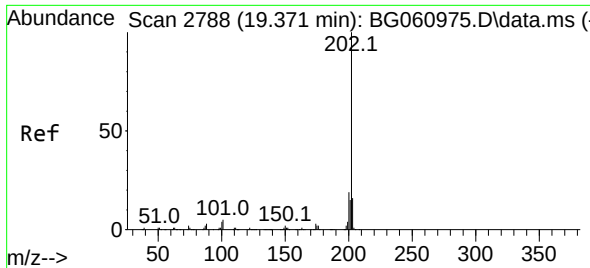
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#74
Di-n-butylphthalate
Concen: 42.425 ng
RT: 18.294 min Scan# 2605
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:149 Resp: 445223
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 6.2 5.0 7.6





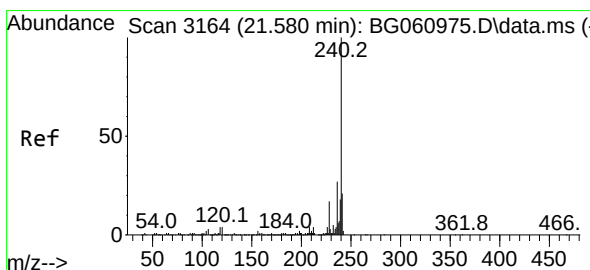
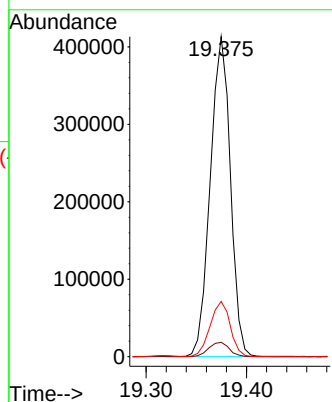
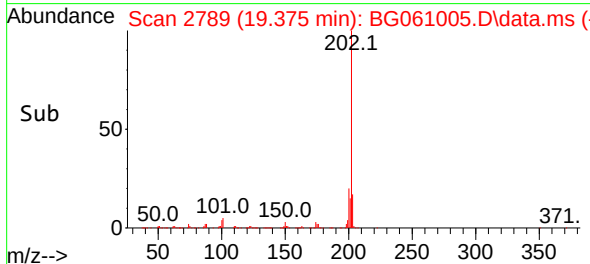
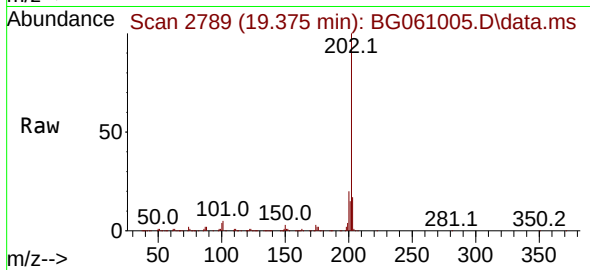
#75
Fluoranthene
Concen: 42.880 ng
RT: 19.375 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :
BNA_G
ClientSampleId :
PB160353BS

Tgt Ion:202 Resp: 575070
Ion Ratio Lower Upper
202 100
101 4.5 0.0 24.9
203 17.3 0.0 36.2

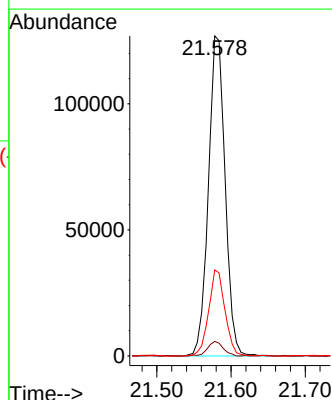
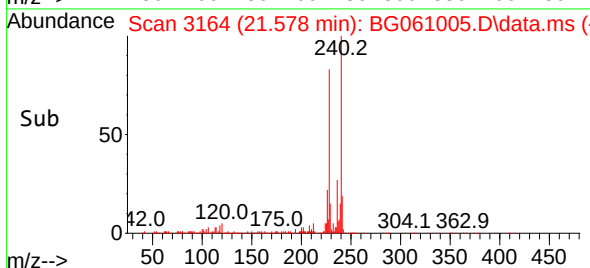
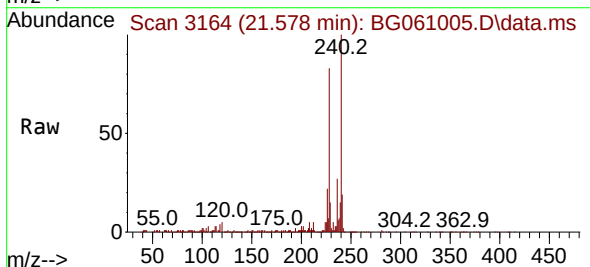
Manual Integrations
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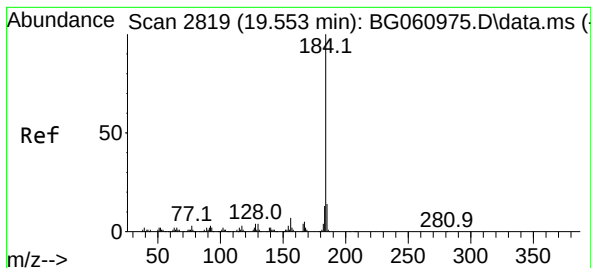
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.002 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:240 Resp: 198546
Ion Ratio Lower Upper
240 100
120 4.5 3.0 4.6
236 26.9 21.8 32.6





#77

Benzidine

Concen: 36.943 ng

RT: 19.551 min Scan# 2819

Delta R.T. -0.002 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

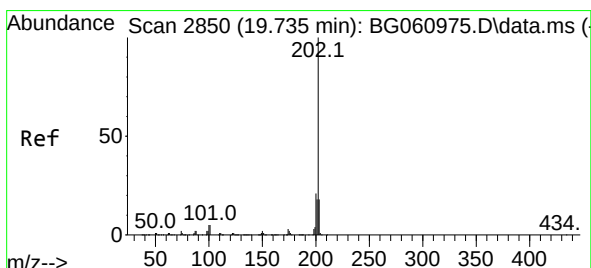
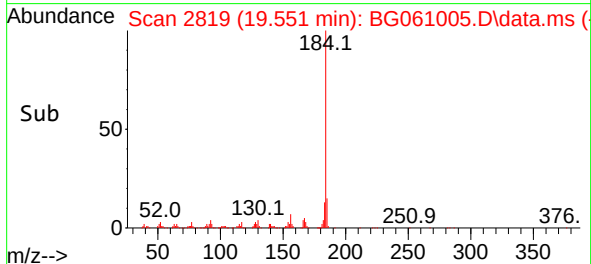
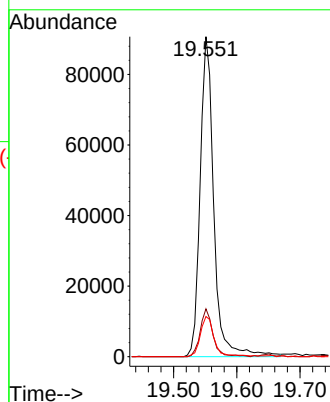
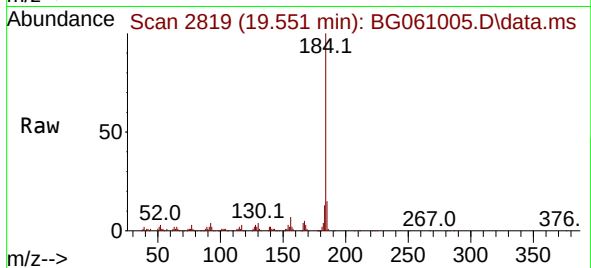
Tgt Ion:184	Resp: 135908
Ion Ratio	Lower Upper
184 100	
185 15.0	11.3 16.9
183 12.6	10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#78

Pyrene

Concen: 42.837 ng

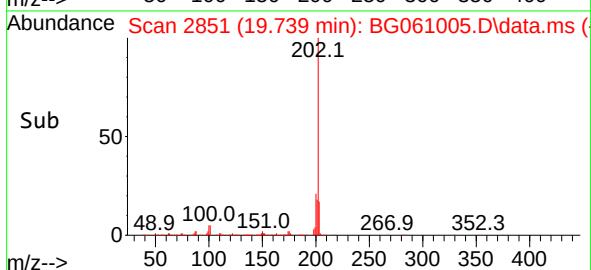
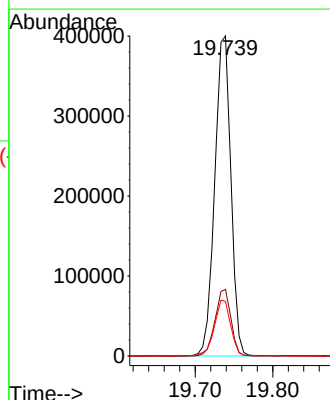
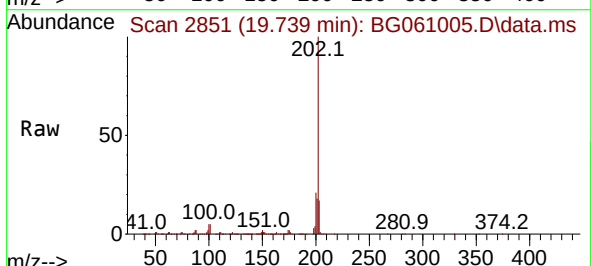
RT: 19.739 min Scan# 2851

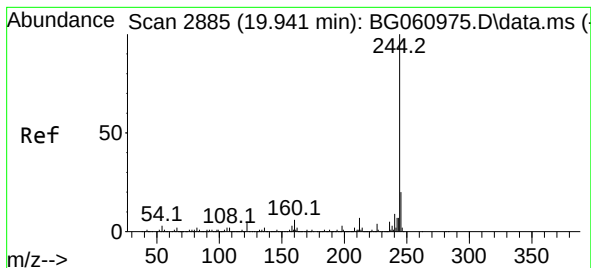
Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Tgt Ion:202	Resp: 579112		
Ion Ratio	Lower	Upper	
202 100			
200 20.8	16.8	25.2	
203 17.0	14.2	21.2	





#79

Terphenyl-d14

Concen: 85.371 ng

RT: 19.939 min Scan# 2885

Delta R.T. -0.002 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

Tgt Ion:244 Resp: 109198

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

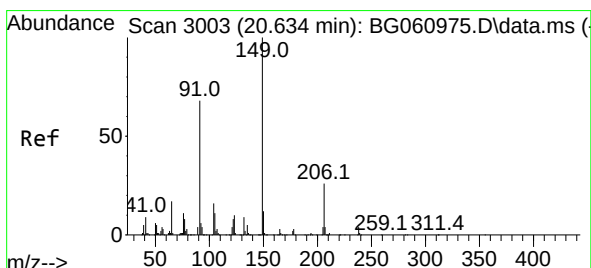
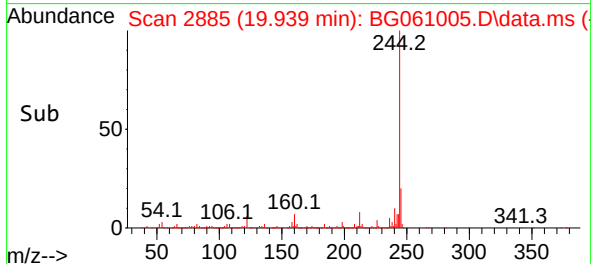
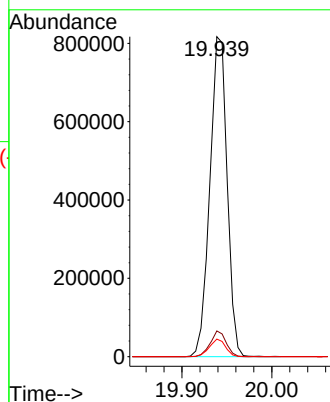
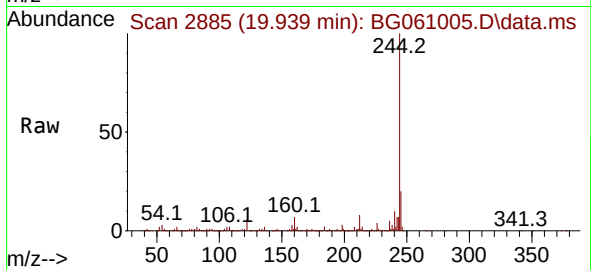
122 5.5 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#80

Butylbenzylphthalate

Concen: 41.646 ng

RT: 20.632 min Scan# 3003

Delta R.T. -0.002 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

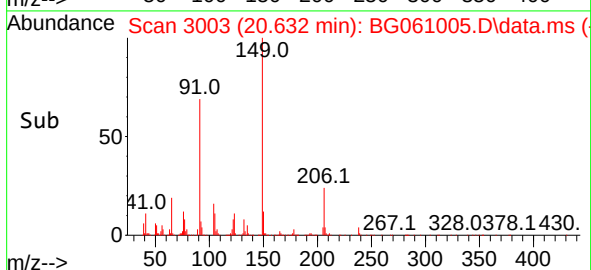
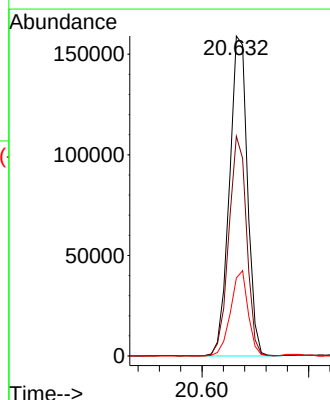
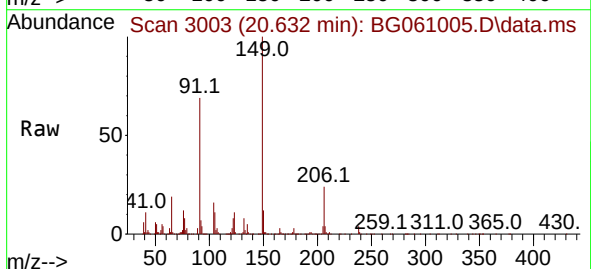
Tgt Ion:149 Resp: 187655

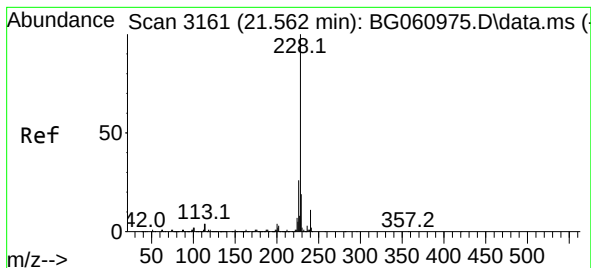
Ion Ratio Lower Upper

149 100

91 68.7 54.4 81.6

206 24.4 20.8 31.2





#81

Benzo(a)anthracene

Concen: 43.178 ng

RT: 21.560 min Scan# 3161

Delta R.T. -0.002 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

Tgt Ion:228 Resp: 602710

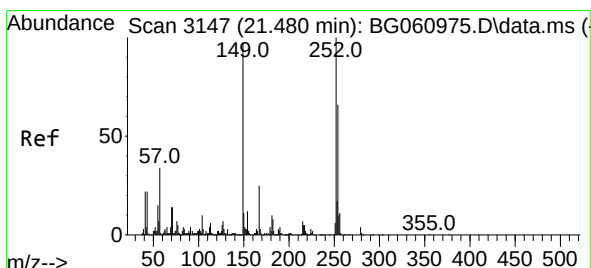
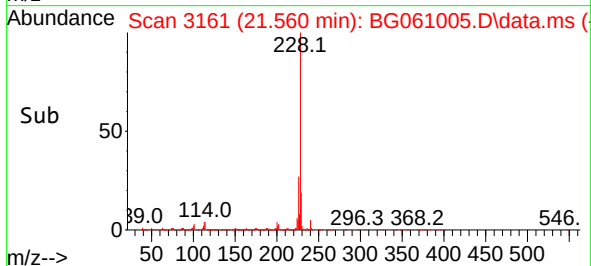
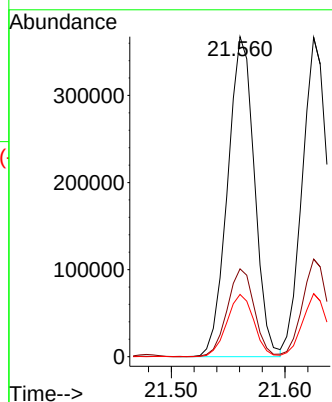
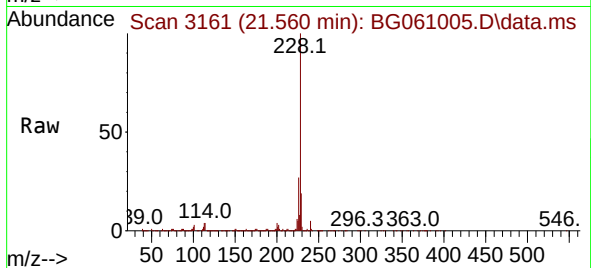
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.0	31.4
229	19.4	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 31.770 ng

RT: 21.478 min Scan# 3147

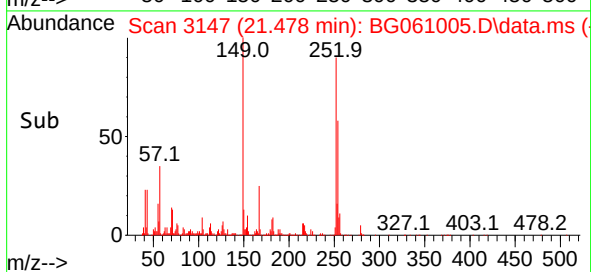
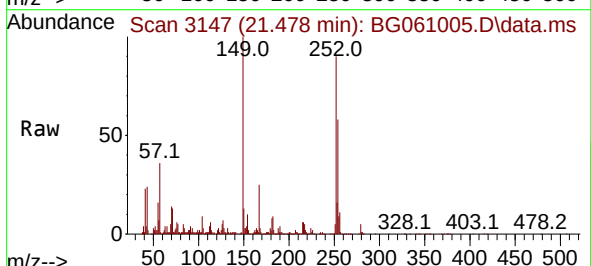
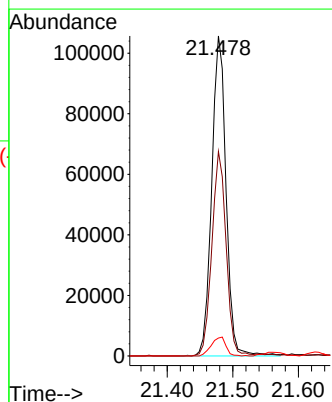
Delta R.T. -0.002 min

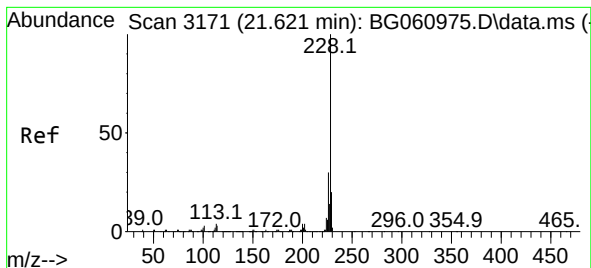
Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Tgt Ion:252 Resp: 160270

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.7	79.1
126	5.6	4.2	6.2





#83

Chrysene

Concen: 42.560 ng

RT: 21.625 min Scan# 3172

Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

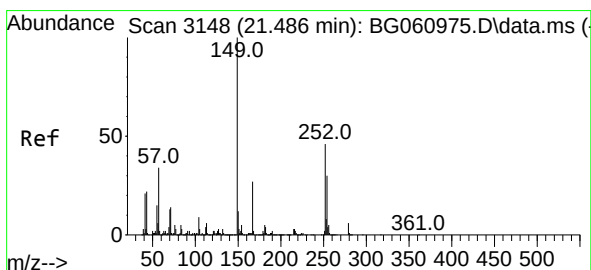
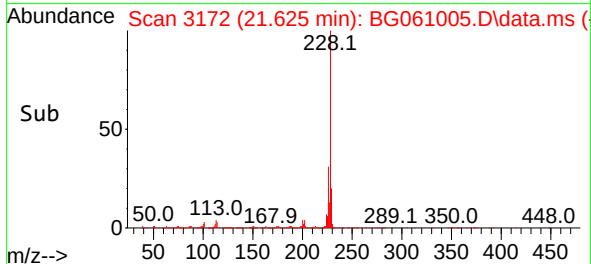
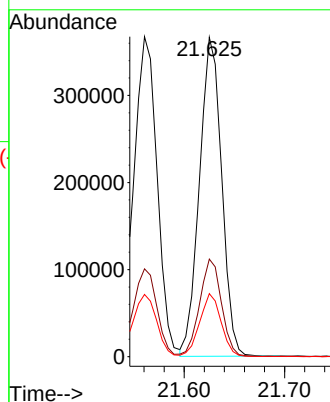
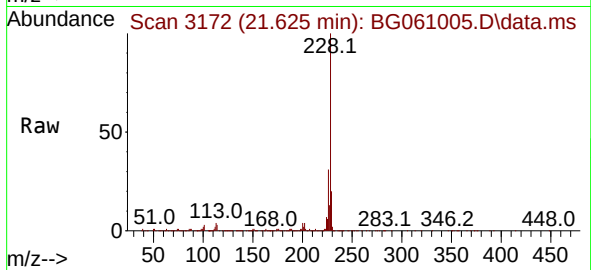
Tgt Ion:228 Resp: 565629
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.2
 229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.013 ng

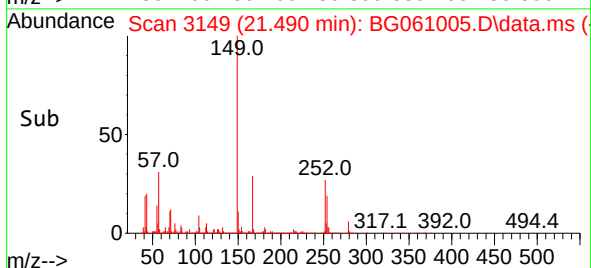
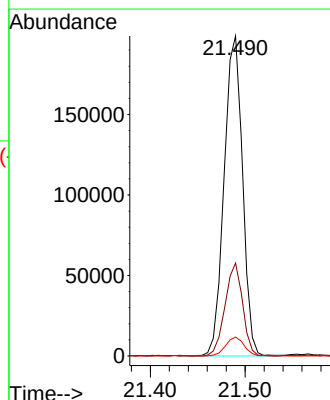
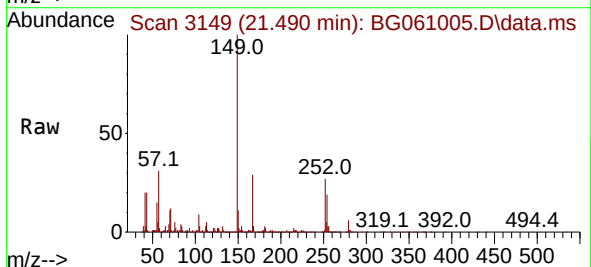
RT: 21.490 min Scan# 3149

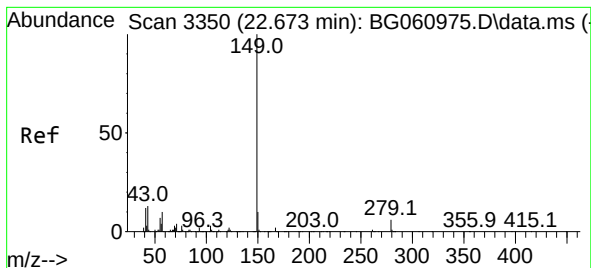
Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

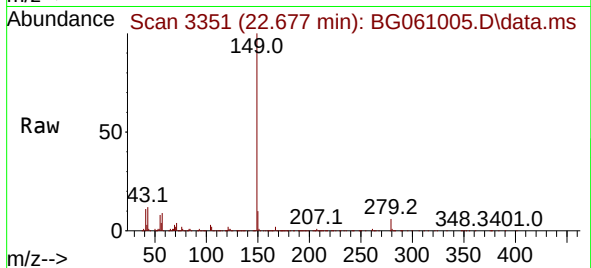
Tgt Ion:149 Resp: 268676
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.8 32.8
 279 5.9 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 41.632 ng
RT: 22.677 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

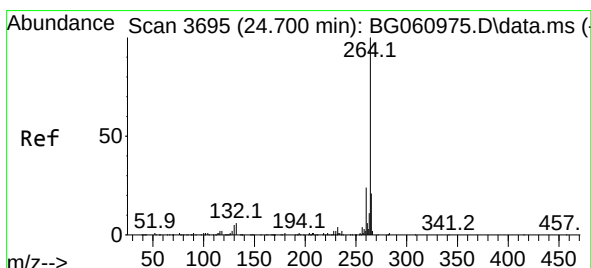
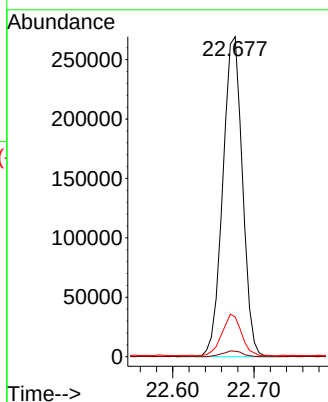
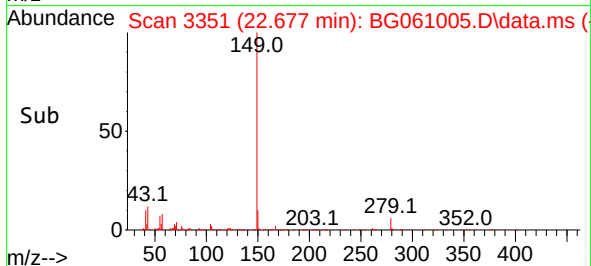
Instrument :
BNA_G
ClientSampleId :
PB160353BS



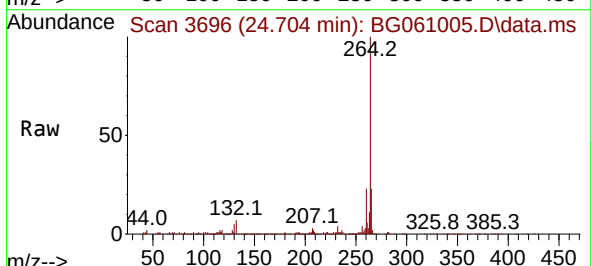
Tgt Ion:149 Resp: 45280
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 12.9 11.0 16.6

Manual Integrations
APPROVED

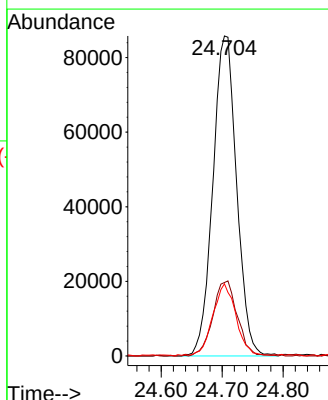
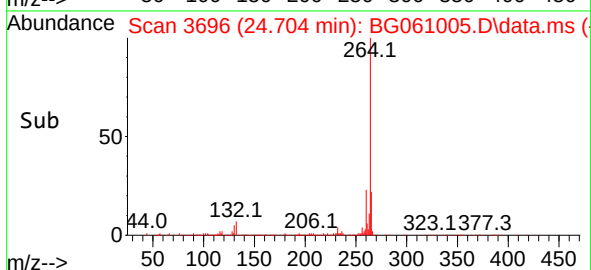
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

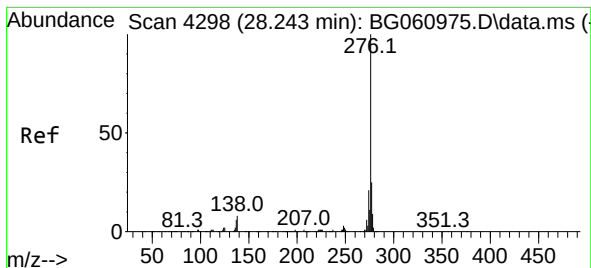


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.704 min Scan# 3696
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53



Tgt Ion:264 Resp: 232446
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 22.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.776 ng

RT: 28.253 min Scan# 41

Delta R.T. 0.010 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

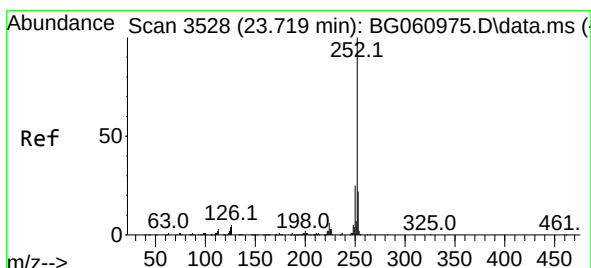
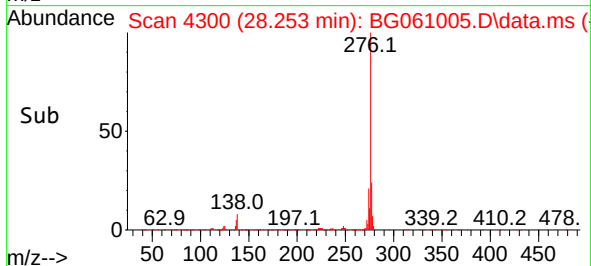
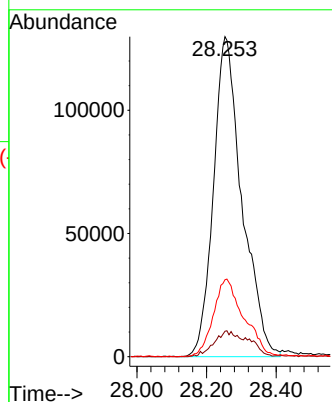
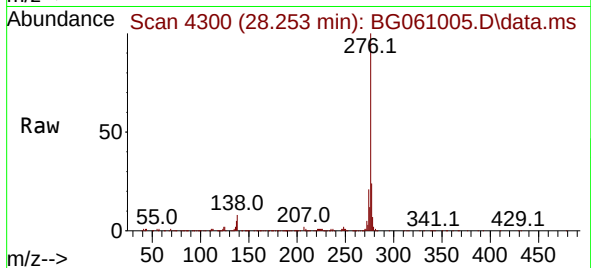
PB160353BS

Tgt Ion:276 Resp: 73813
Ion Ratio Lower Upper
276 100
138 7.1 5.3 7.9
277 25.9 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#88

Benzo(b)fluoranthene

Concen: 45.292 ng

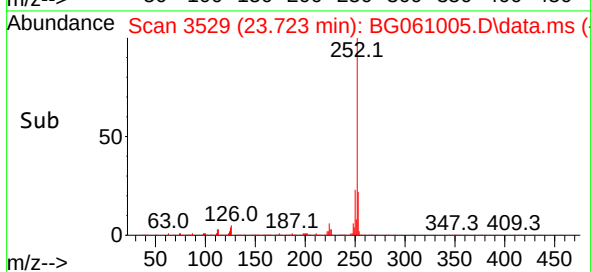
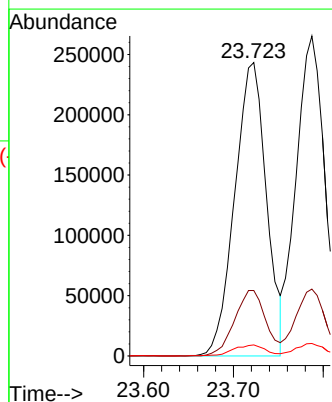
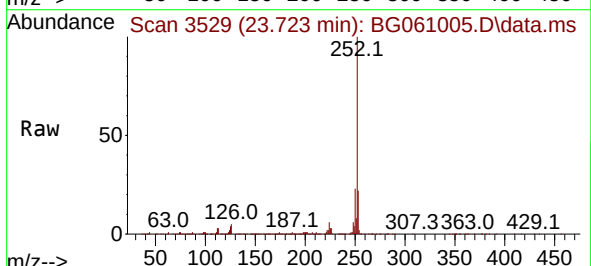
RT: 23.723 min Scan# 3529

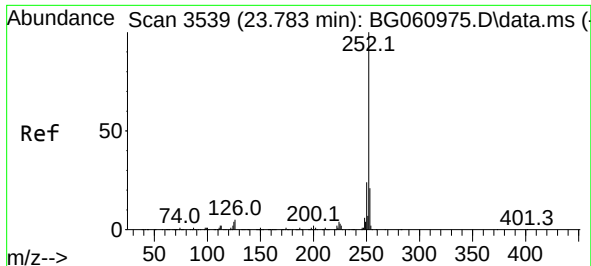
Delta R.T. 0.004 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Tgt Ion:252 Resp: 596612
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 3.8 3.3 4.9





#89
Benzo(k)fluoranthene
Concen: 44.140 ng
RT: 23.787 min Scan# 3539
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

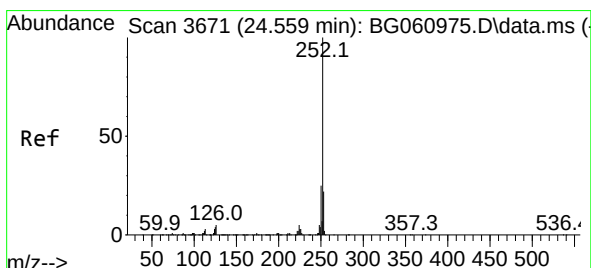
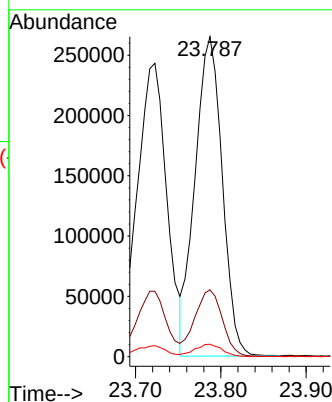
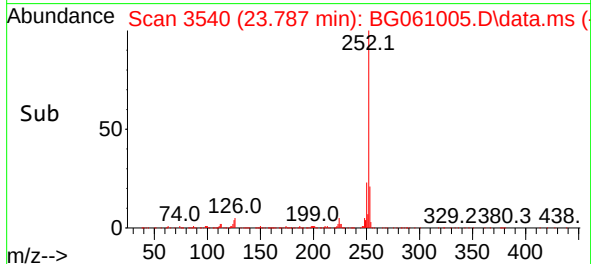
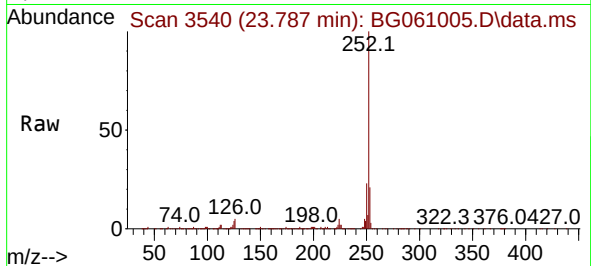
ClientSampleId :

PB160353BS

Tgt Ion:252 Resp: 58695
Ion Ratio Lower Upper
252 100
253 20.9 16.6 25.0
125 3.9 3.3 4.9

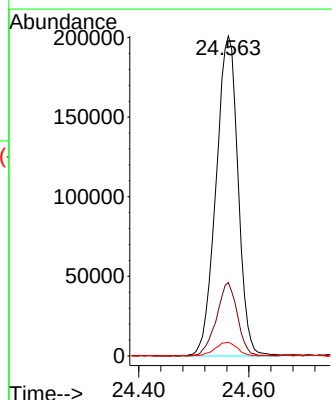
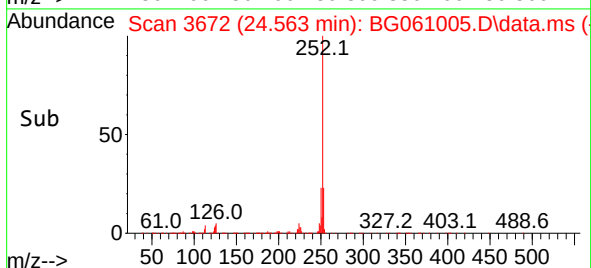
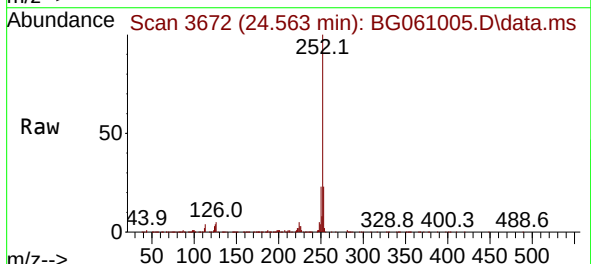
Manual Integrations
APPROVED

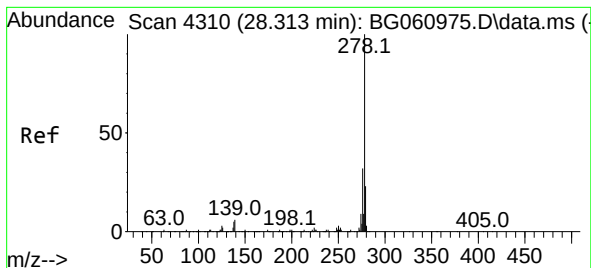
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#90
Benzo(a)pyrene
Concen: 43.752 ng
RT: 24.563 min Scan# 3672
Delta R.T. 0.004 min
Lab File: BG061005.D
Acq: 23 Apr 2024 12:53

Tgt Ion:252 Resp: 557839
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 4.3 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 46.047 ng

RT: 28.329 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB160353BS

Tgt Ion:278 Resp: 606630

Ion Ratio Lower Upper

278 100

139 6.2 4.7 7.1

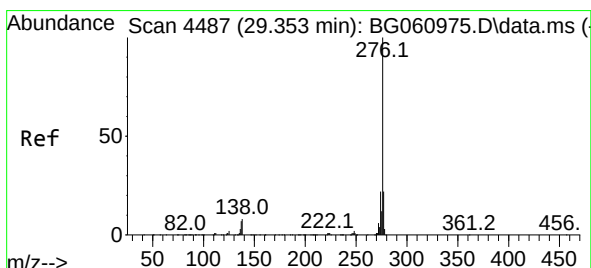
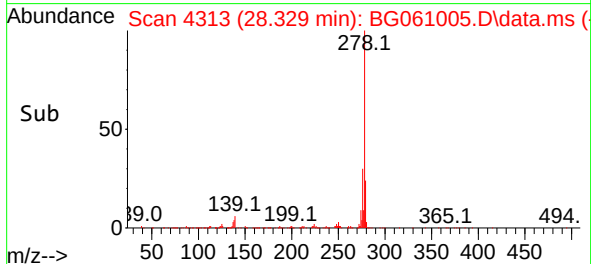
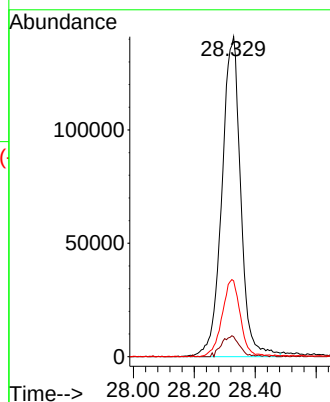
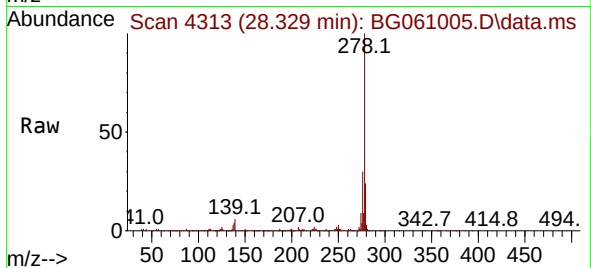
279 23.7 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#92

Benzo(g,h,i)perylene

Concen: 43.492 ng

RT: 29.363 min Scan# 4489

Delta R.T. 0.010 min

Lab File: BG061005.D

Acq: 23 Apr 2024 12:53

Tgt Ion:276 Resp: 568118

Ion Ratio Lower Upper

276 100

277 23.9 18.0 27.0

138 7.9 6.5 9.7

