

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060224.D
 Acq On : 3 Jan 2024 12:51
 Operator : MA/JU
 Sample : PB157753BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB157753BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 13:28:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 03:14:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	201532	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	860578	20.000	ng	0.00
39) Acenaphthene-d10	14.578	164	678687	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1624536	20.000	ng	0.00
76) Chrysene-d12	21.593	240	1454122	20.000	ng	0.00
86) Perylene-d12	24.766	264	1554210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1971103	147.622	ng	0.00
7) Phenol-d6	7.104	99	2850746	143.795	ng	0.00
23) Nitrobenzene-d5	9.102	82	1698760	91.178	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	1334488	146.890	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	3992374	84.545	ng	0.00
79) Terphenyl-d14	19.942	244	5470198	72.321	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.409	88	186370	31.373	ng	# 94
3) Pyridine	3.802	79	504381	29.937	ng	94
4) n-Nitrosodimethylamine	3.720	42	243876m	38.803	ng	
6) Aniline	7.263	93	666659	33.563	ng	96
8) 2-Chlorophenol	7.498	128	661635	51.559	ng	98
10) Phenol	7.128	94	1034650	51.753	ng	98
11) bis(2-Chloroethyl)ether	7.357	93	718489	44.412	ng	97
12) 1,3-Dichlorobenzene	7.827	146	664840	41.970	ng	100
13) 1,4-Dichlorobenzene	7.968	146	696707	43.504	ng	94
14) 1,2-Dichlorobenzene	8.291	146	690364	44.095	ng	98
15) Benzyl Alcohol	8.174	79	660270	53.657	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.467	45	971261m	46.780	ng	
17) 2-Methylphenol	8.379	107	673542	53.805	ng	94
18) Hexachloroethane	9.020	117	234317	46.457	ng	98
19) n-Nitroso-di-n-propyla...	8.738	70	638600	47.152	ng	98
20) 3+4-Methylphenols	8.708	107	916604	51.663	ng	98
22) Acetophenone	8.761	105	1157814	45.409	ng	# 98
24) Nitrobenzene	9.143	77	871631	45.725	ng	97
25) Isophorone	9.660	82	1746014	44.792	ng	99
26) 2-Nitrophenol	9.854	139	367199	55.202	ng	99
27) 2,4-Dimethylphenol	9.907	122	591467	62.773	ng	97
28) bis(2-Chloroethoxy)met...	10.148	93	1071598	46.936	ng	100
29) 2,4-Dichlorophenol	10.389	162	790319	53.072	ng	92
30) 1,2,4-Trichlorobenzene	10.600	180	809813	44.680	ng	98
31) Naphthalene	10.794	128	2060194	45.346	ng	97
32) Benzoic acid	10.054	122	467424	53.904	ng	96
33) 4-Chloroaniline	10.900	127	417523	23.531	ng	98
34) Hexachlorobutadiene	11.076	225	461898	42.849	ng	100
35) Caprolactam	11.669	113	266440m	53.788	ng	
36) 4-Chloro-3-methylphenol	12.022	107	808815	52.776	ng	99
37) 2-Methylnaphthalene	12.398	142	1518347	46.268	ng	98
38) 1-Methylnaphthalene	12.621	142	1493219	45.005	ng	98
40) 1,2,4,5-Tetrachloroben...	12.768	216	974722	44.836	ng	97
41) Hexachlorocyclopentadiene	12.745	237	944113	134.358	ng	98
43) 2,4,6-Trichlorophenol	13.009	196	704279	49.298	ng	96
44) 2,4,5-Trichlorophenol	13.080	196	798851	49.986	ng	99

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Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 13:28:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.409	154	2288276	45.826	ng	99
47) 2-Chloronaphthalene	13.450	162	1892609	44.488	ng	99
48) 2-Nitroaniline	13.655	65	597604	53.752	ng	97
49) Acenaphthylene	14.302	152	3014998	49.187	ng	97
50) Dimethylphthalate	14.031	163	2462029	46.985	ng	99
51) 2,6-Dinitrotoluene	14.149	165	544152	49.927	ng	92
52) Acenaphthene	14.642	154	1691734	44.228	ng	97
53) 3-Nitroaniline	14.484	138	348131	33.899	ng	# 99
54) 2,4-Dinitrophenol	14.684	184	670829	103.049	ng	95
55) Dibenzofuran	14.977	168	2960302	46.203	ng	99
56) 4-Nitrophenol	14.795	139	927871	119.528	ng	96
57) 2,4-Dinitrotoluene	14.936	165	760800	51.335	ng	97
58) Fluorene	15.624	166	2433289	46.305	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.201	232	722064	51.836	ng	100
60) Diethylphthalate	15.394	149	2397208	47.973	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	1237558	45.228	ng	97
62) 4-Nitroaniline	15.653	138	533755	49.312	ng	98
63) Azobenzene	15.912	77	2441352	47.124	ng	98
65) 4,6-Dinitro-2-methylph...	15.700	198	450173	55.381	ng	98
66) n-Nitrosodiphenylamine	15.835	169	2167865	49.521	ng	99
67) 4-Bromophenyl-phenylether	16.511	248	804892	46.732	ng	97
68) Hexachlorobenzene	16.628	284	930472	46.076	ng	99
69) Atrazine	16.781	200	654505	40.680	ng	99
70) Pentachlorophenol	16.975	266	1165513	105.062	ng	98
71) Phenanthrene	17.369	178	3810938	47.459	ng	98
72) Anthracene	17.457	178	3881543	48.664	ng	95
73) Carbazole	17.727	167	3541977	46.820	ng	95
74) Di-n-butylphthalate	18.285	149	3706274	50.555	ng	97
75) Fluoranthene	19.378	202	4259289	45.220	ng	96
77) Benzidine	19.566	184	1441782	35.825	ng	99
78) Pyrene	19.742	202	4358301	44.587	ng	95
80) Butylbenzylphthalate	20.635	149	1749209	60.690	ng	99
81) Benzo(a)anthracene	21.575	228	4353721	47.091	ng	96
82) 3,3'-Dichlorobenzidine	21.493	252	1533335	45.607	ng	97
83) Chrysene	21.640	228	4150051	46.204	ng	95
84) Bis(2-ethylhexyl)phtha...	21.481	149	2578087	58.984	ng	99
85) Di-n-octyl phthalate	22.674	149	4376903	61.176	ng	100
87) Indeno(1,2,3-cd)pyrene	28.391	276	5631748	51.396	ng	# 94
88) Benzo(b)fluoranthene	23.761	252	4610569	49.364	ng	98
89) Benzo(k)fluoranthene	23.826	252	4640341	49.362	ng	99
90) Benzo(a)pyrene	24.619	252	4207473	49.793	ng	99
91) Dibenzo(a,h)anthracene	28.456	278	4675828	51.934	ng	98
92) Benzo(g,h,i)perylene	29.525	276	4475925	49.081	ng	99

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

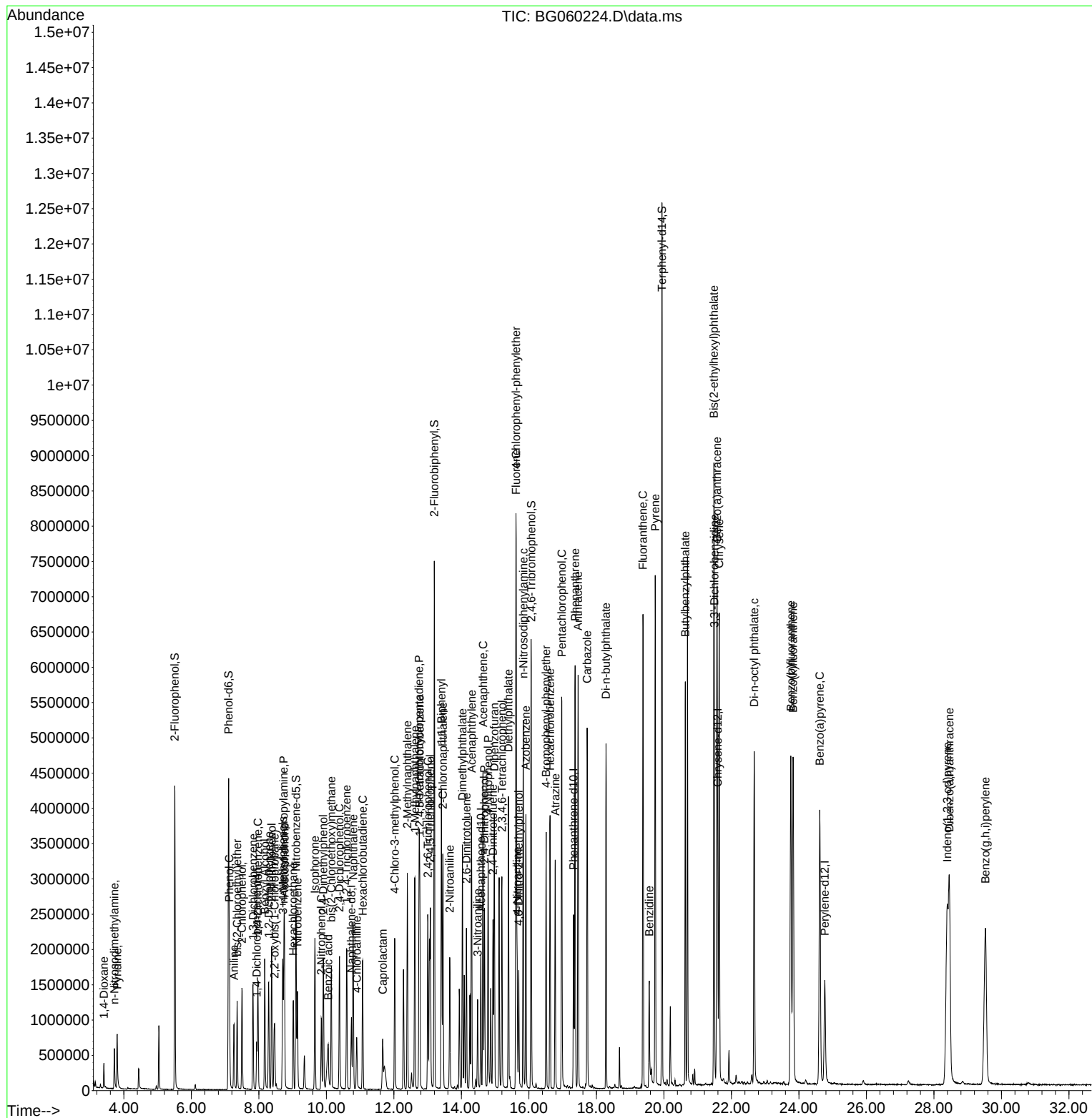
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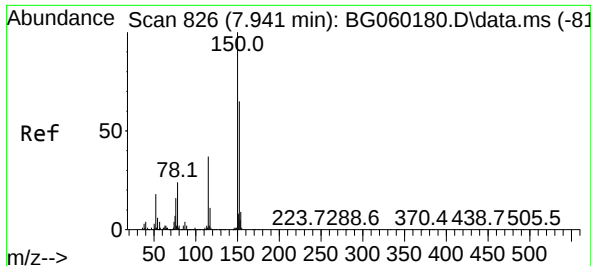
Instrument :
BNA_G
ClientSampleId :
PB157753BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

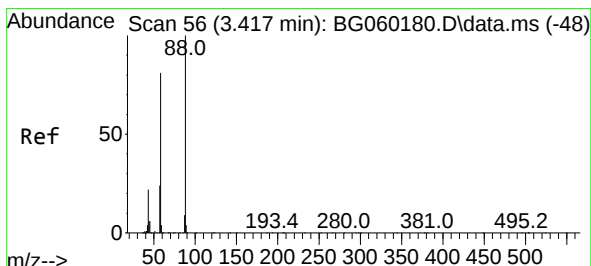
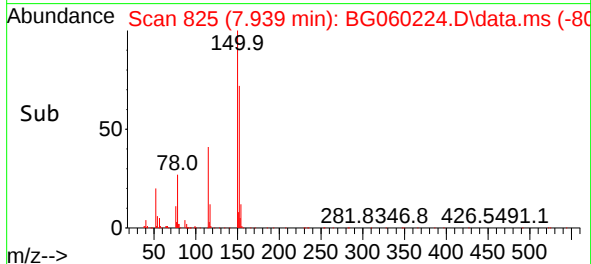
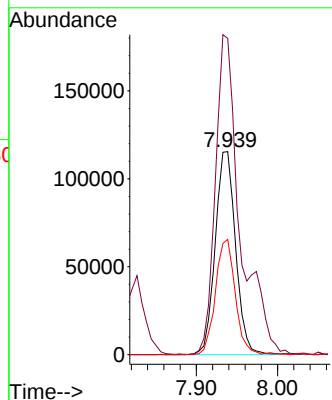
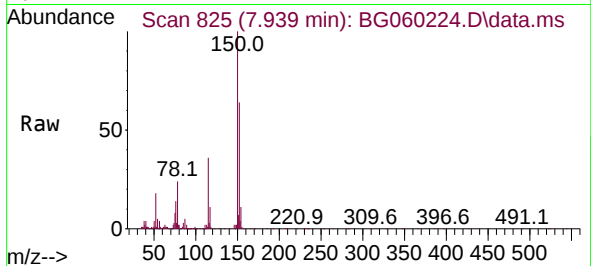
ClientSampleId :

PB157753BS

Tgt Ion:152 Resp: 20153
Ion Ratio Lower Upper
152 100
150 155.8 123.4 185.0
115 56.8 45.4 68.0

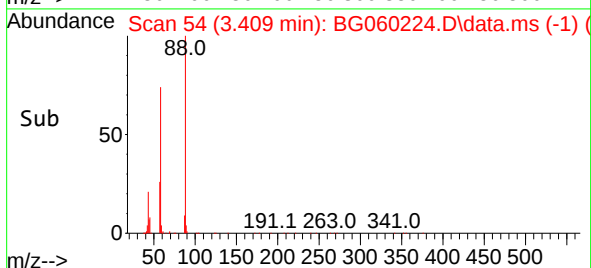
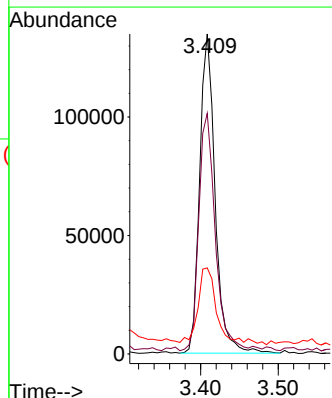
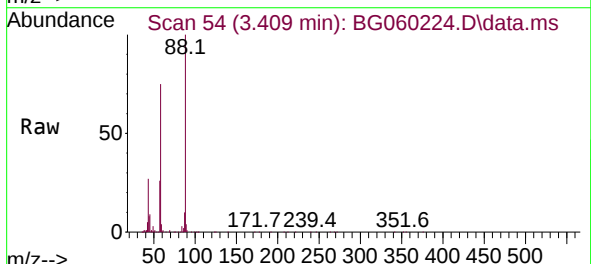
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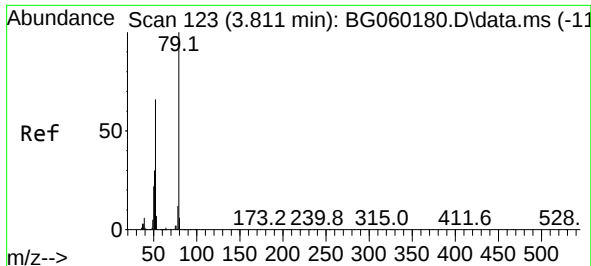
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#2
1,4-Dioxane
Concen: 31.373 ng
RT: 3.409 min Scan# 54
Delta R.T. -0.008 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

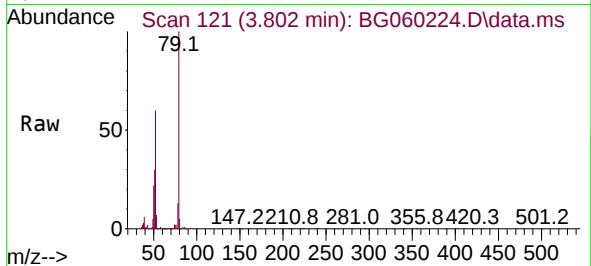
Tgt Ion: 88 Resp: 186370
Ion Ratio Lower Upper
88 100
58 78.9 60.5 90.7
43 29.9 18.9 28.3





#3
Pyridine
Concen: 29.937 ng
RT: 3.802 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

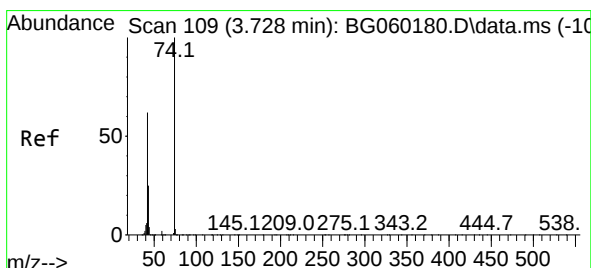
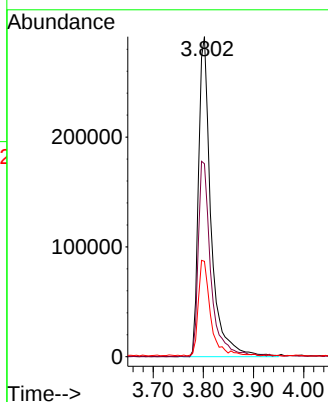
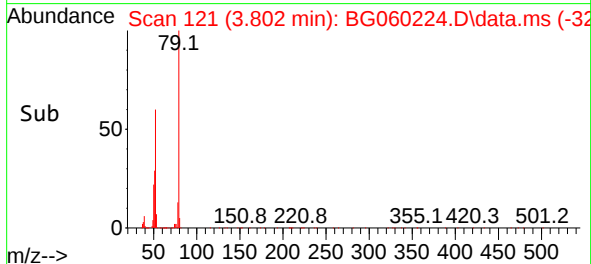
Instrument :
BNA_G
ClientSampleId :
PB157753BS



Tgt Ion: 79 Resp: 50438
Ion Ratio Lower Upper
79 100
52 60.3 52.9 79.3
51 29.8 24.6 37.0

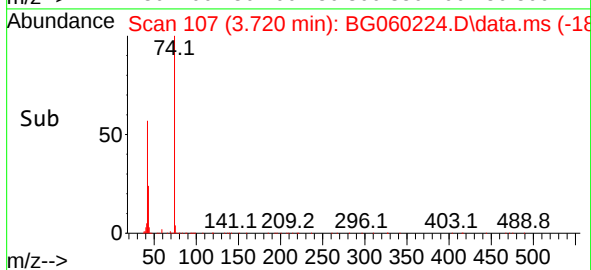
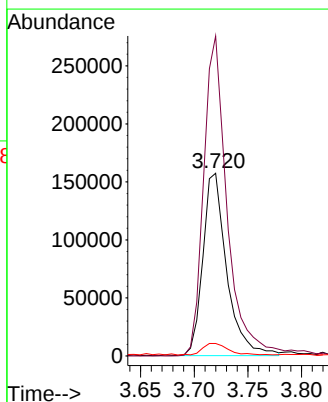
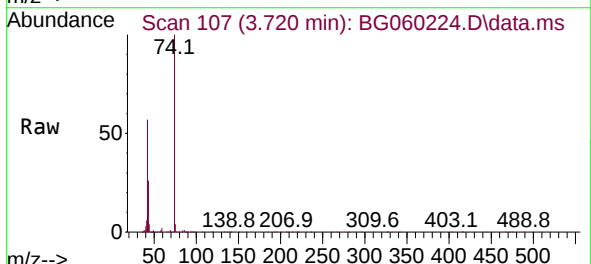
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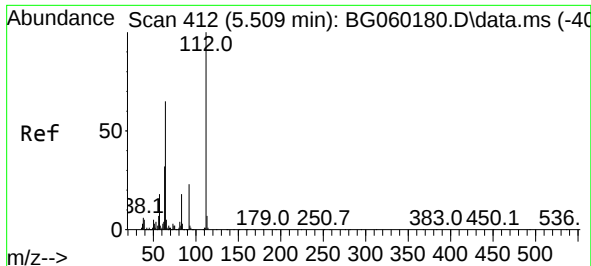
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#4
n-Nitrosodimethylamine
Concen: 38.803 ng m
RT: 3.720 min Scan# 107
Delta R.T. -0.008 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion: 42 Resp: 243876
Ion Ratio Lower Upper
42 100
74 175.2 129.5 194.3
44 6.8 5.9 8.9





#5
2-Fluorophenol
Concen: 147.622 ng
RT: 5.506 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

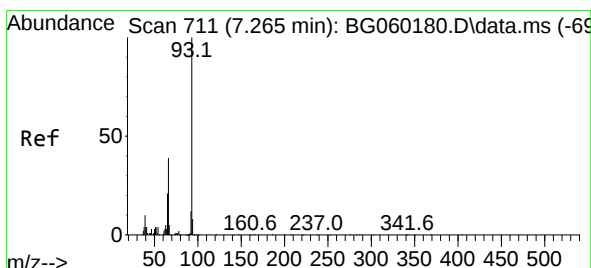
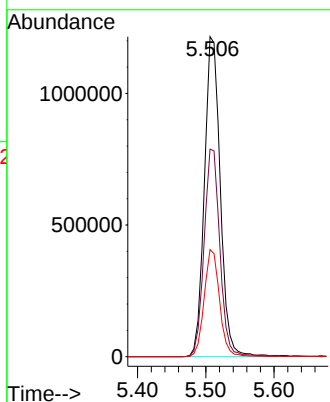
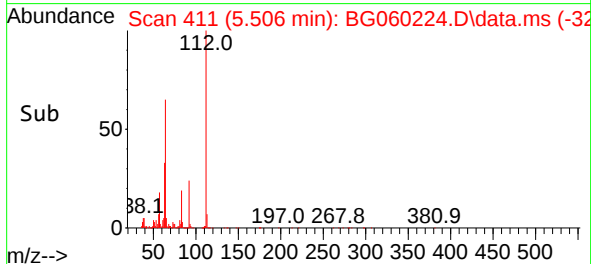
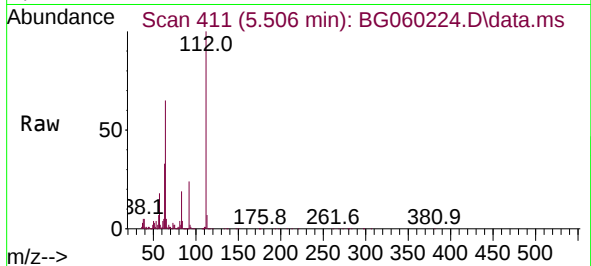
ClientSampleId :

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Tgt Ion:112 Resp: 197110
Ion Ratio Lower Upper
112 100
64 64.8 52.2 78.4
63 33.5 25.4 38.0

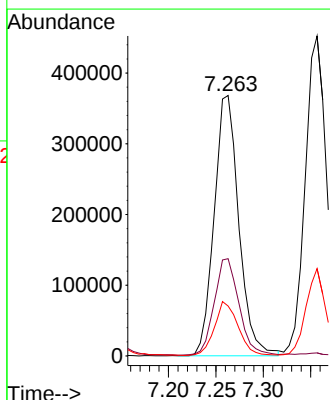
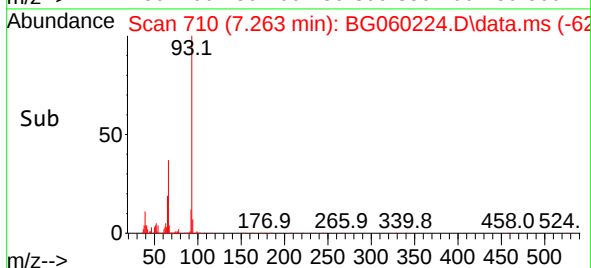
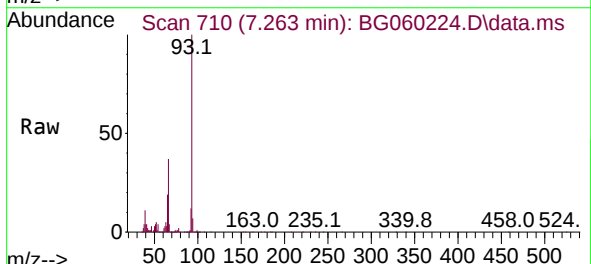
Manual Integrations
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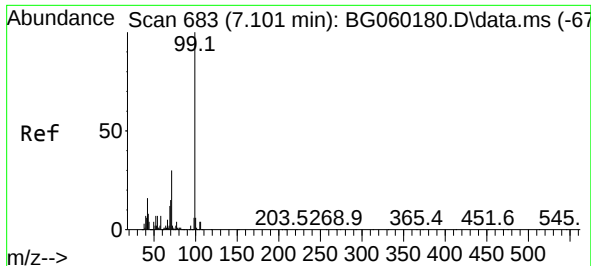
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#6
Aniline
Concen: 33.563 ng
RT: 7.263 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion: 93 Resp: 666659
Ion Ratio Lower Upper
93 100
66 37.3 31.7 47.5
65 19.2 16.7 25.1





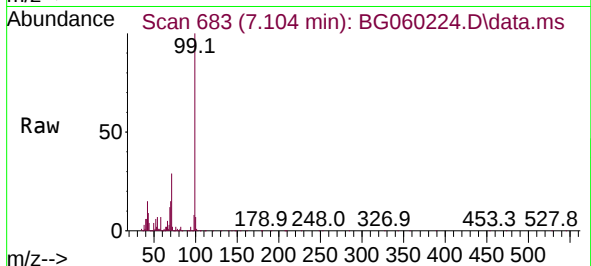
#7
Phenol-d6
Concen: 143.795 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

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Tgt Ion: 99 Resp: 2850740

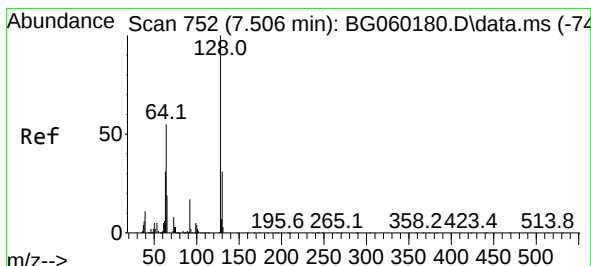
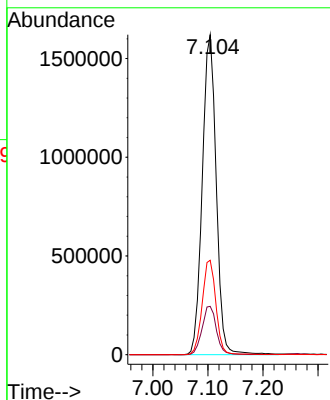
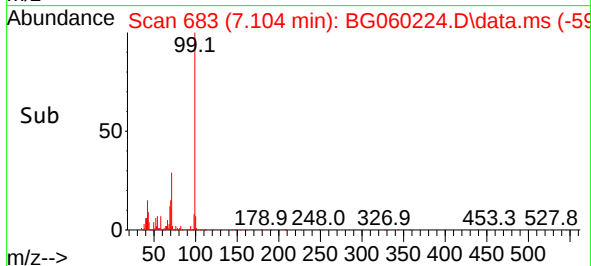
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	29.5	24.1	36.1

Manual Integrations

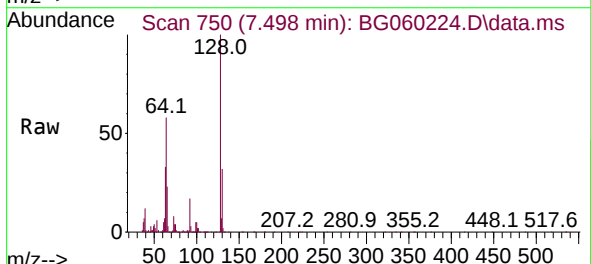
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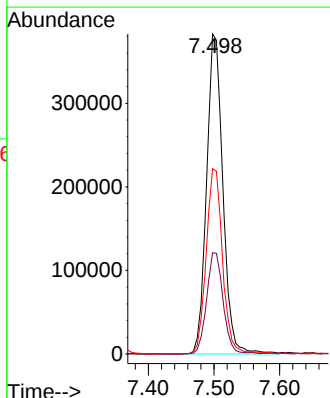
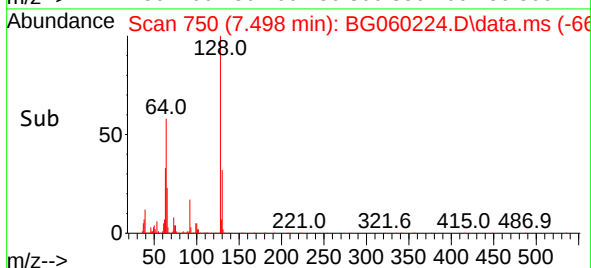


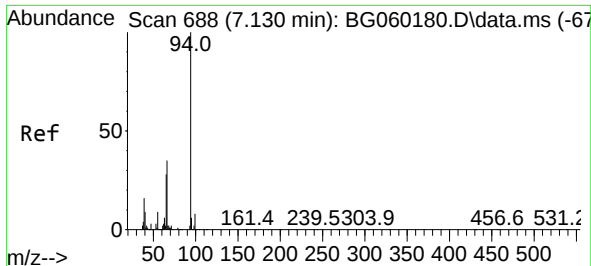
#8
2-Chlorophenol
Concen: 51.559 ng
RT: 7.498 min Scan# 750
Delta R.T. -0.008 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion:128 Resp: 661635

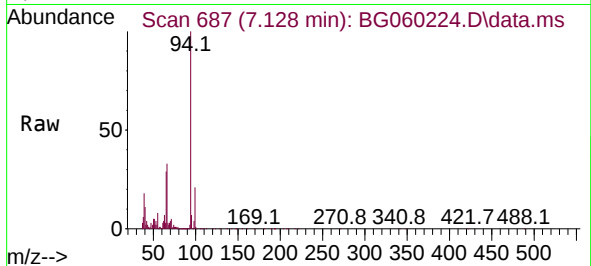
Ion	Ratio	Lower	Upper
128	100		
130	31.7	11.3	51.3
64	57.9	36.4	76.4





#10
Phenol
Concen: 51.753 ng
RT: 7.128 min Scan# 687
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

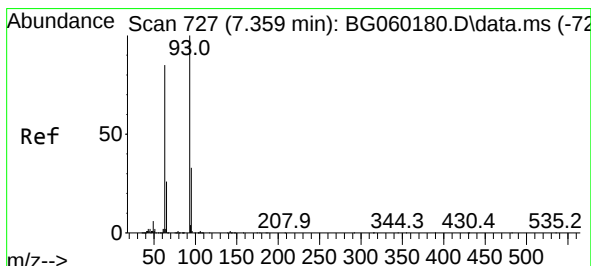
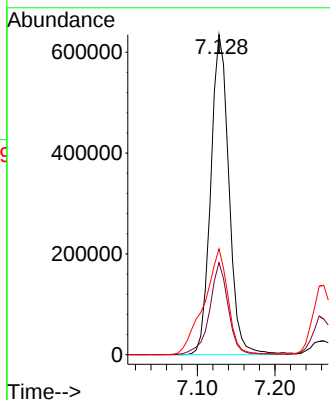
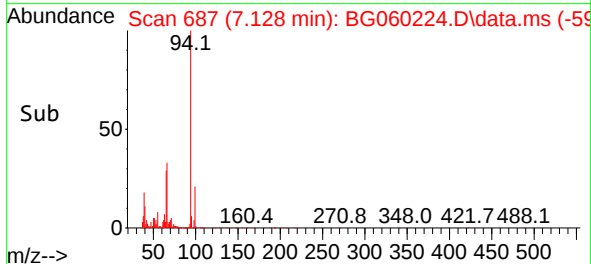
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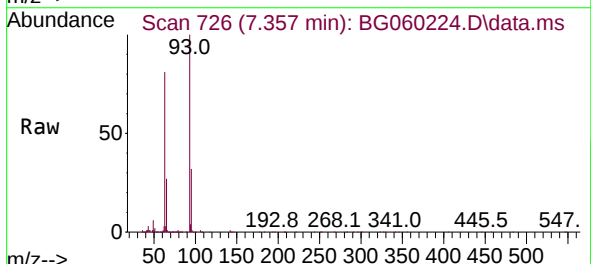
Tgt Ion: 94 Resp: 1034650
Ion Ratio Lower Upper
94 100
65 28.8 8.4 48.4
66 33.1 15.0 55.0

Manual Integrations
APPROVED

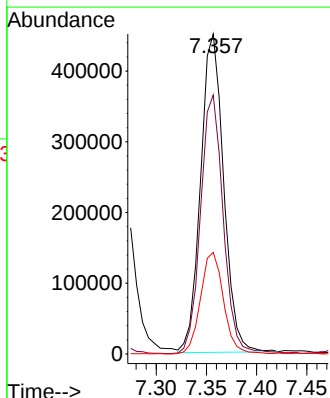
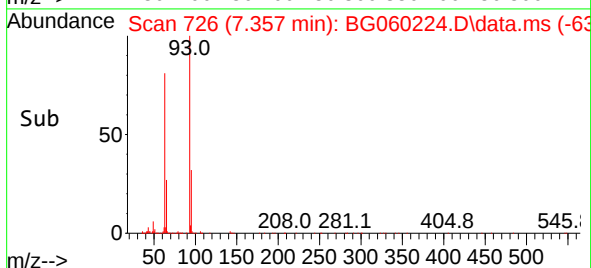
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

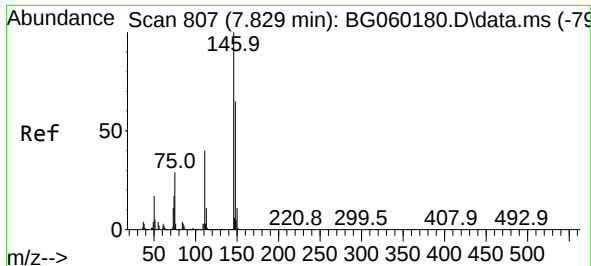


#11
bis(2-Chloroethyl)ether
Concen: 44.412 ng
RT: 7.357 min Scan# 726
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion: 93 Resp: 718489
Ion Ratio Lower Upper
93 100
63 81.0 63.8 103.8
95 31.8 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 41.970 ng

RT: 7.827 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

Tgt Ion:146 Resp: 664840

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

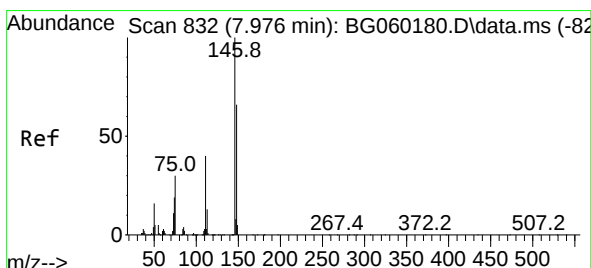
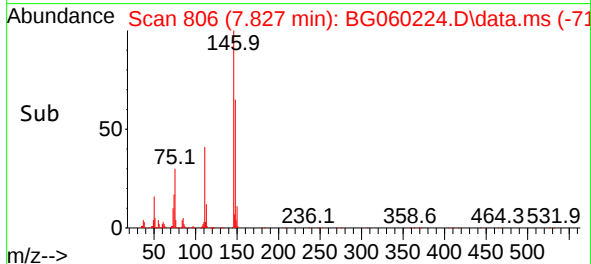
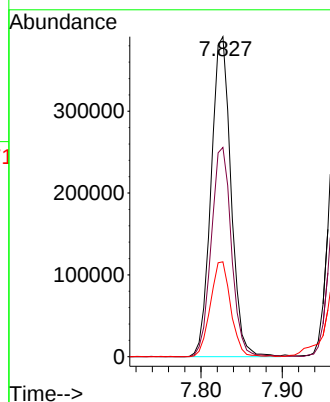
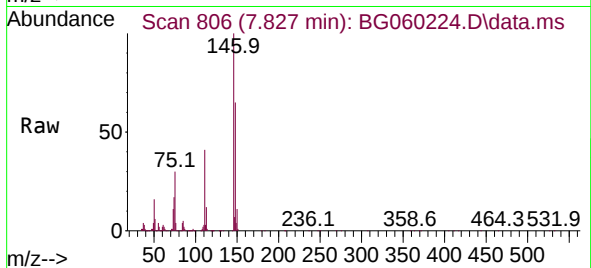
75 29.7 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#13

1,4-Dichlorobenzene

Concen: 43.504 ng

RT: 7.968 min Scan# 830

Delta R.T. -0.008 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

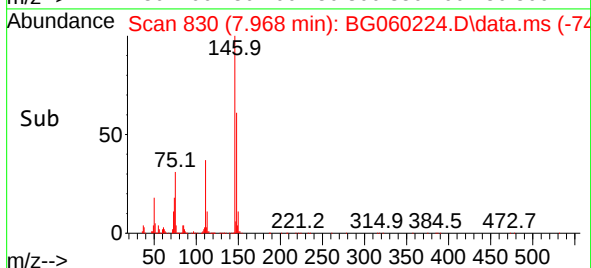
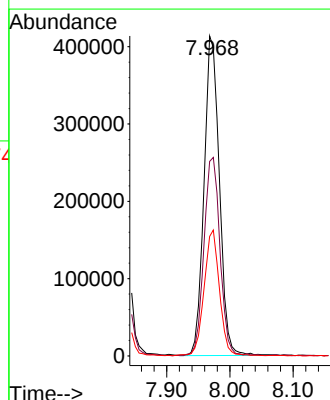
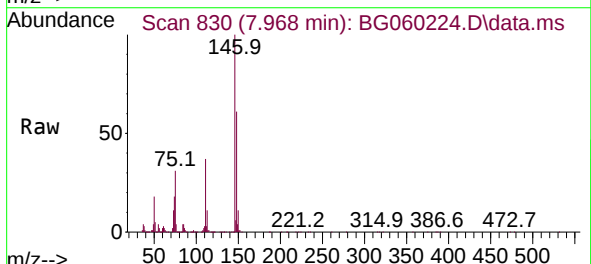
Tgt Ion:146 Resp: 696707

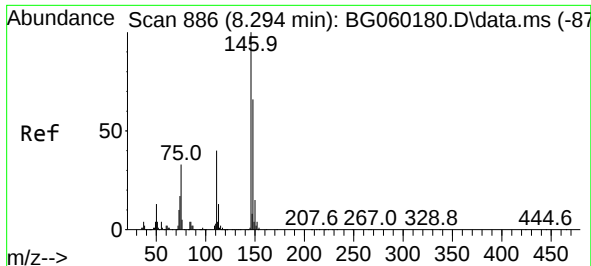
Ion Ratio Lower Upper

146 100

148 60.8 53.0 79.4

111 37.3 32.0 48.0





#14
1,2-Dichlorobenzene
Concen: 44.095 ng
RT: 8.291 min Scan# 885
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

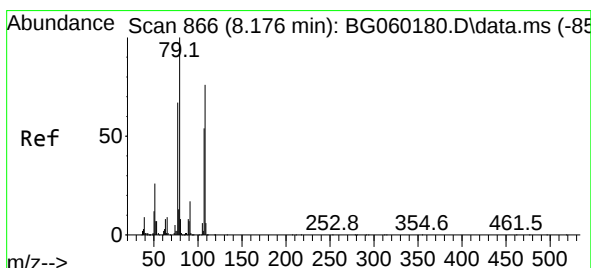
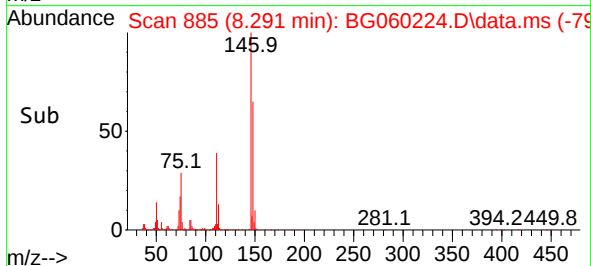
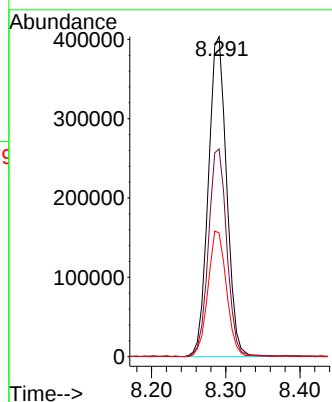
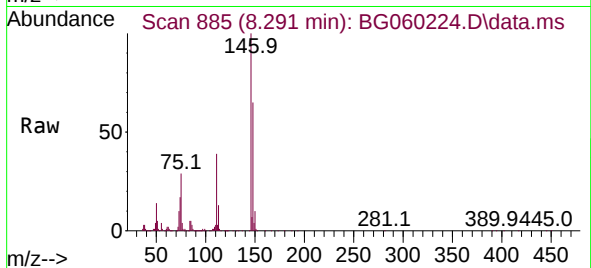
ClientSampleId :

PB157753BS

Tgt Ion:146 Resp: 690364
Ion Ratio Lower Upper
146 100
148 64.9 52.9 79.3
111 38.7 31.8 47.8

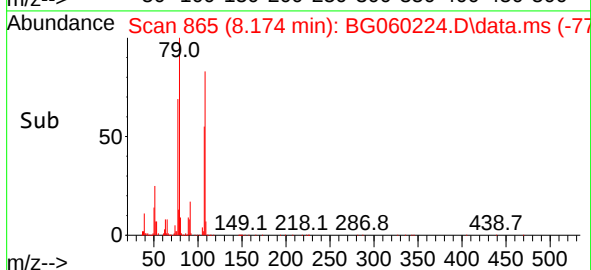
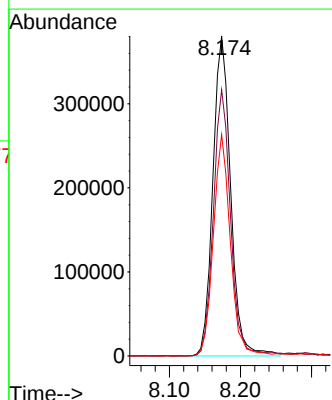
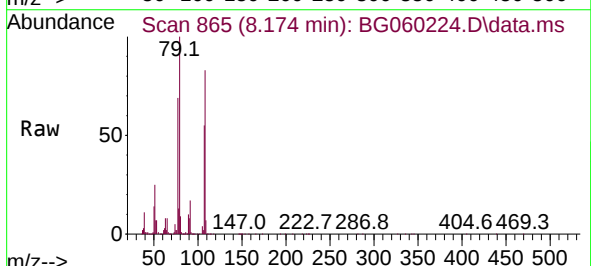
Manual Integrations
APPROVED

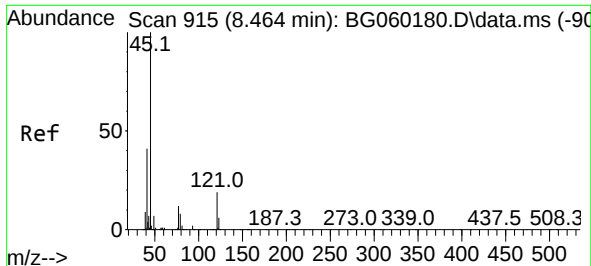
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#15
Benzyl Alcohol
Concen: 53.657 ng
RT: 8.174 min Scan# 865
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion: 79 Resp: 660270
Ion Ratio Lower Upper
79 100
108 83.2 60.6 91.0
77 69.2 53.8 80.6





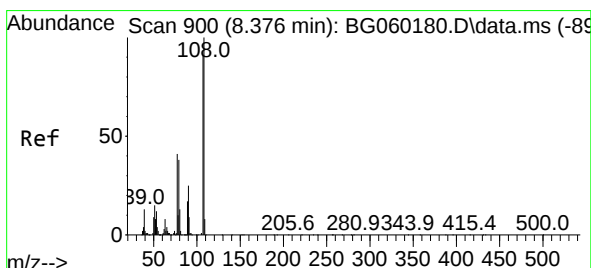
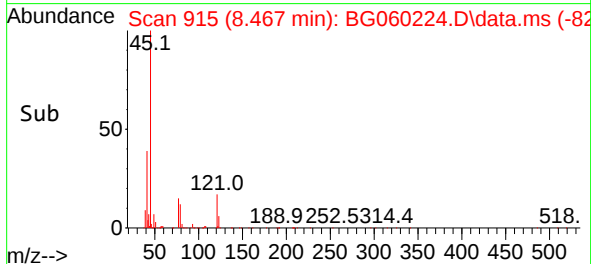
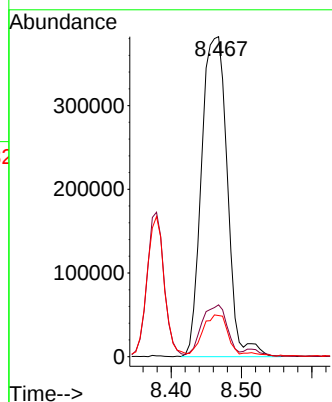
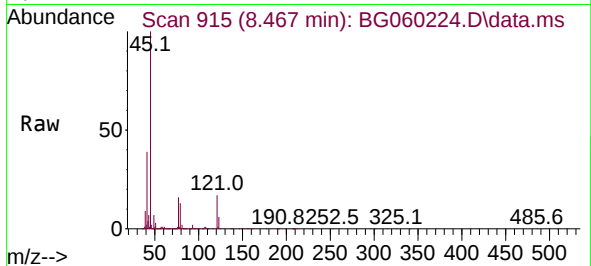
#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.780 ng m
RT: 8.467 min Scan# 915
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :
BNA_G
ClientSampleId :
PB157753BS

Tgt Ion: 45 Resp: 97126
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.5
79 12.9 0.0 31.5

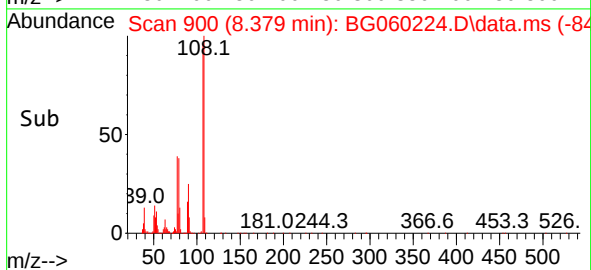
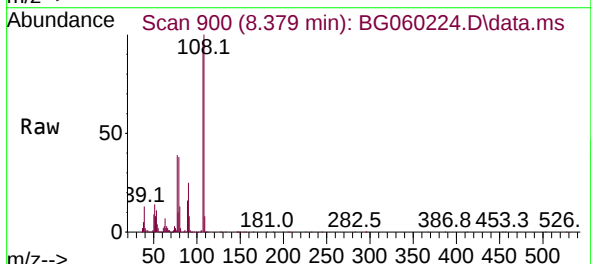
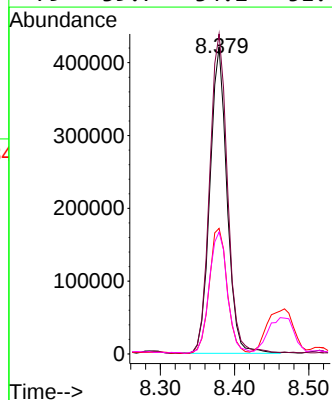
Manual Integrations
APPROVED

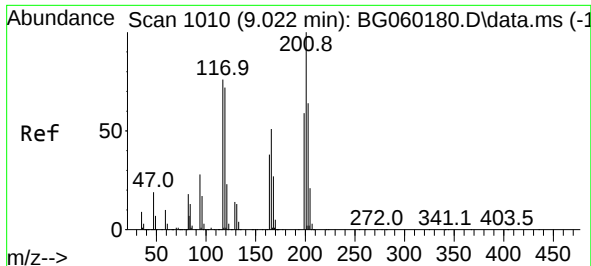
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#17
2-Methylphenol
Concen: 53.805 ng
RT: 8.379 min Scan# 900
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:107 Resp: 673542
Ion Ratio Lower Upper
107 100
108 104.3 88.7 133.1
77 40.9 36.4 54.6
79 39.7 34.2 51.4





#18
Hexachloroethane
Concen: 46.457 ng
RT: 9.020 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

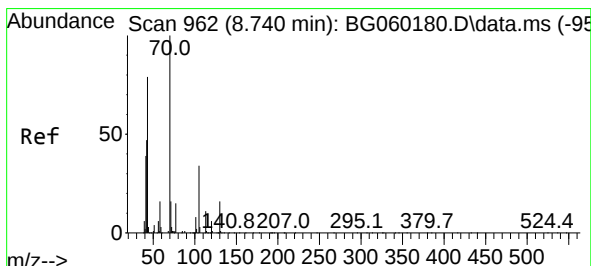
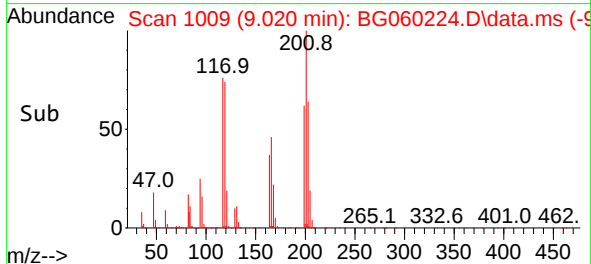
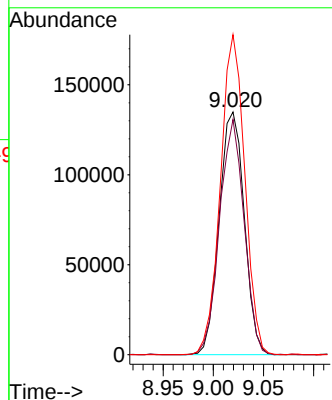
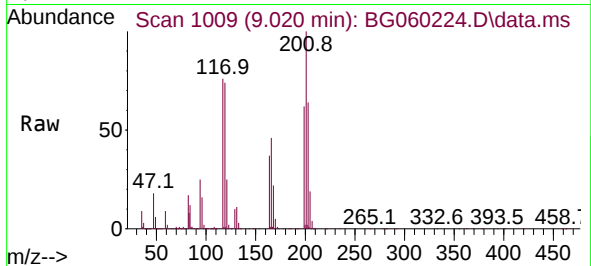
ClientSampleId :

PB157753BS

Tgt Ion:117 Resp: 23431
Ion Ratio Lower Upper
117 100
119 96.9 76.0 114.0
201 131.8 107.5 161.3

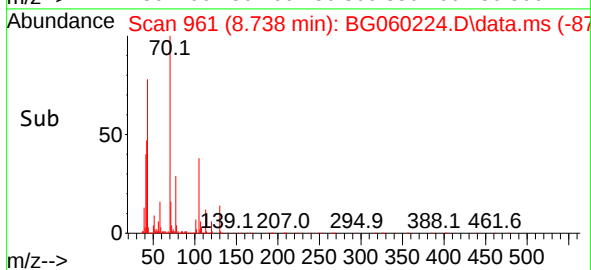
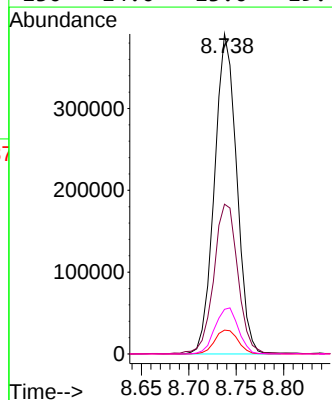
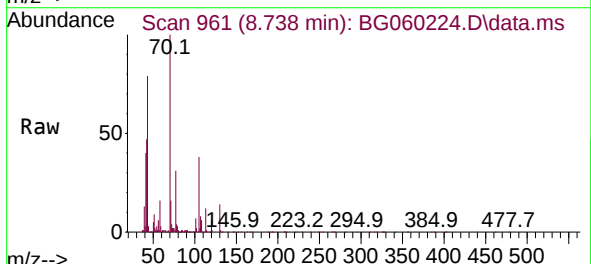
Manual Integrations
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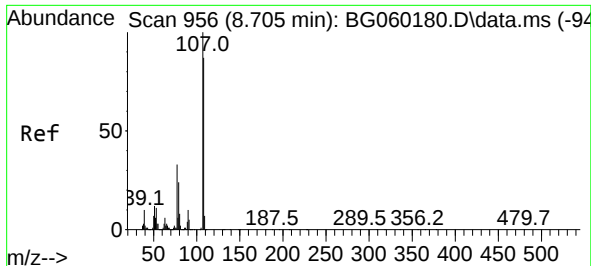
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#19
n-Nitroso-di-n-propylamine
Concen: 47.152 ng
RT: 8.738 min Scan# 961
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion: 70 Resp: 638600
Ion Ratio Lower Upper
70 100
42 46.8 37.9 56.9
101 7.5 6.2 9.2
130 14.0 13.0 19.4





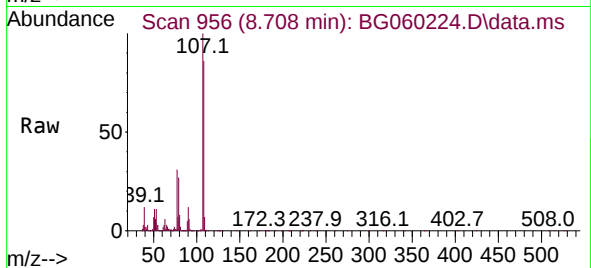
#20
3+4-Methylphenols
Concen: 51.663 ng
RT: 8.708 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



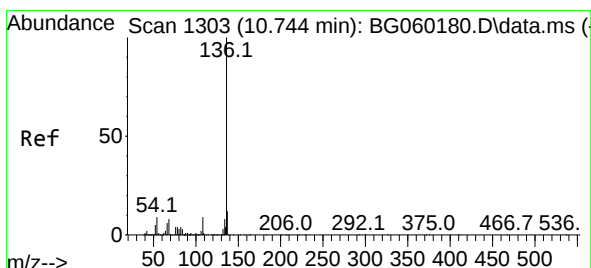
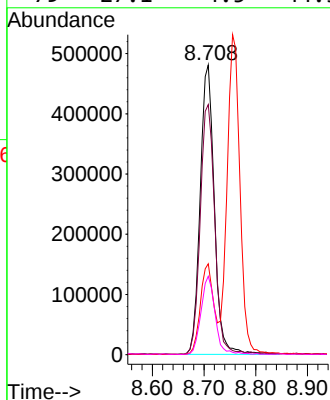
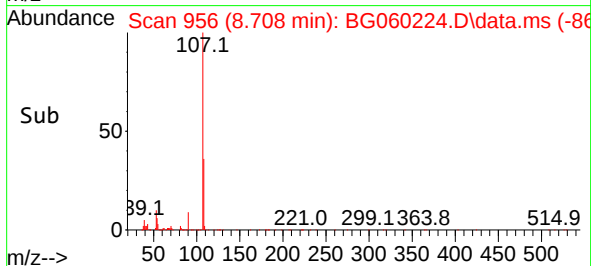
Tgt Ion:107 Resp: 916604
Ion Ratio Lower Upper
107 100
108 86.3 67.4 107.4
77 31.4 12.8 52.8
79 27.1 4.5 44.5

Manual Integrations

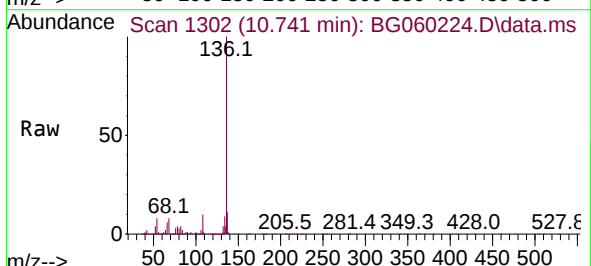
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

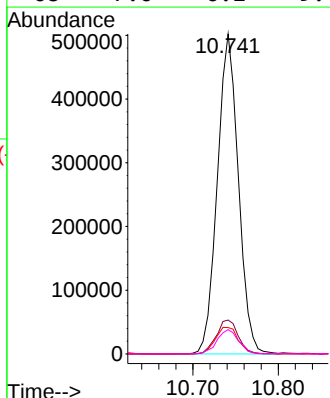
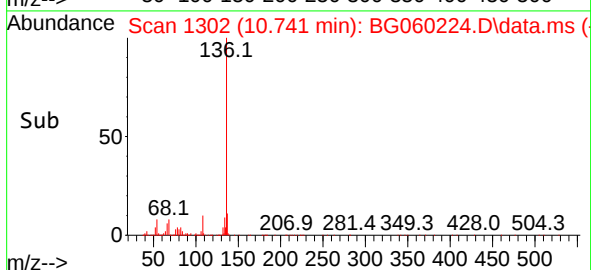
Supervised By :mohammad ahmed 01/04/2024

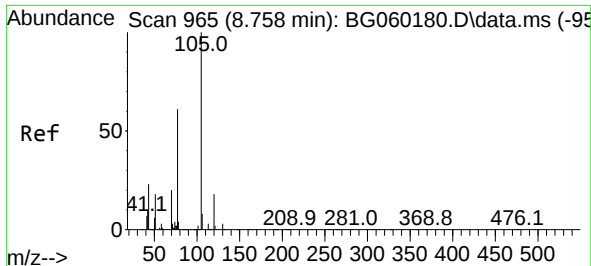


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion:136 Resp: 860578
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.0
54 8.3 7.4 11.2
68 7.6 6.2 9.4





#22
Acetophenone
Concen: 45.409 ng
RT: 8.761 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

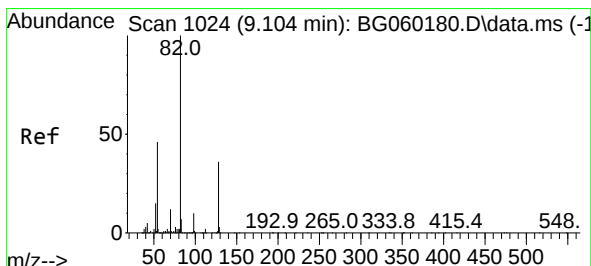
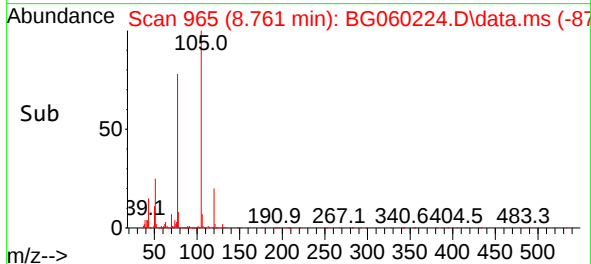
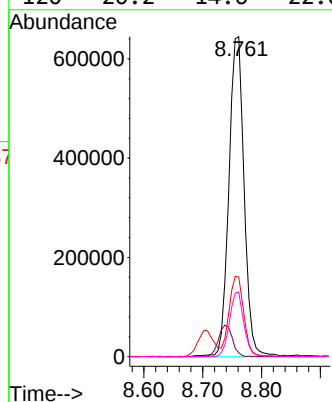
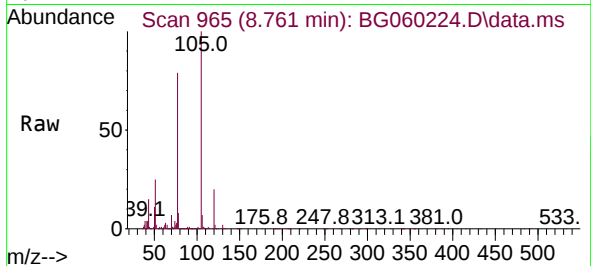
Tgt Ion:105 Resp: 1157814
Ion Ratio Lower Upper
105 100
71 1.3 2.6 3.8
51 24.9 20.0 30.0
120 20.2 14.6 22.0

Manual Integrations

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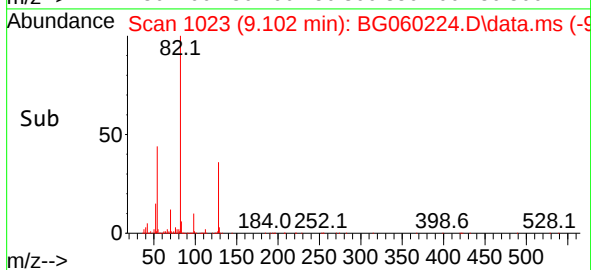
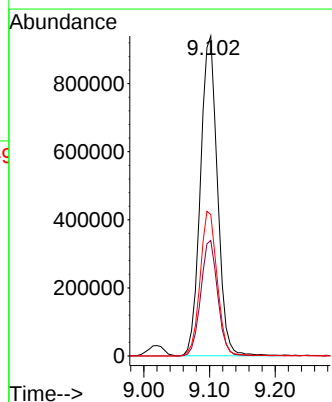
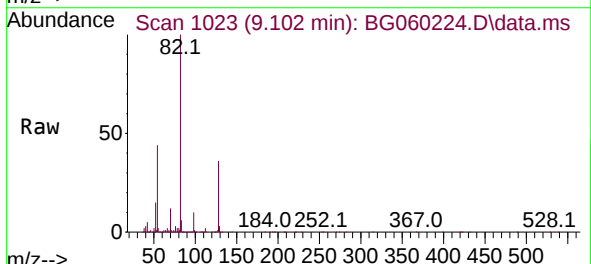
Reviewed By :Yogesh Patel 01/04/2024

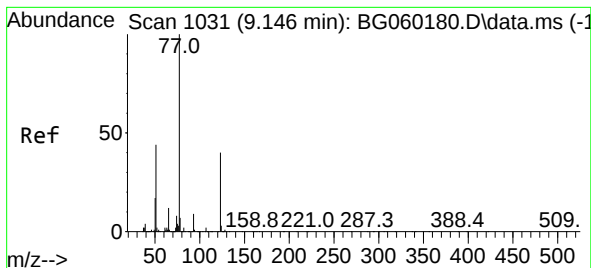
Supervised By :mohammad ahmed 01/04/2024



#23
Nitrobenzene-d5
Concen: 91.178 ng
RT: 9.102 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion: 82 Resp: 1698760
Ion Ratio Lower Upper
82 100
128 36.1 28.7 43.1
54 44.2 36.9 55.3





#24

Nitrobenzene

Concen: 45.725 ng

RT: 9.143 min Scan# 1031

Delta R.T. -0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

Tgt Ion: 77 Resp: 87163

Ion Ratio Lower Upper

77 100

123 42.4 31.9 47.9

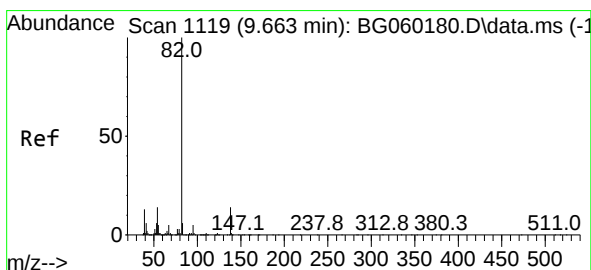
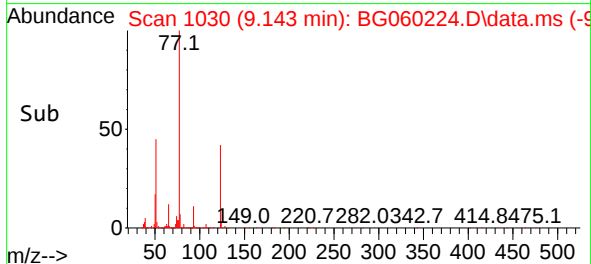
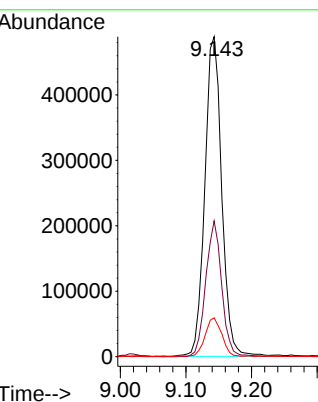
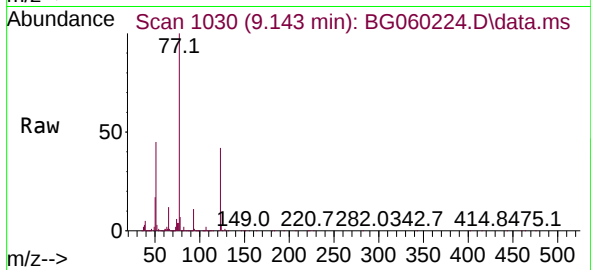
65 12.1 9.9 14.9

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#25

Isophorone

Concen: 44.792 ng

RT: 9.660 min Scan# 1118

Delta R.T. -0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

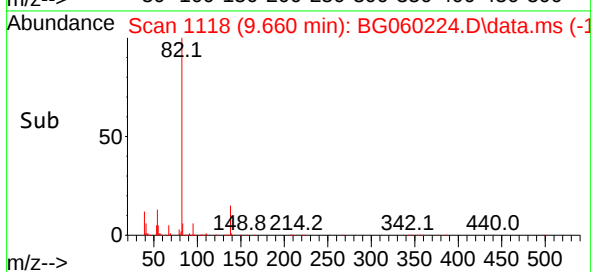
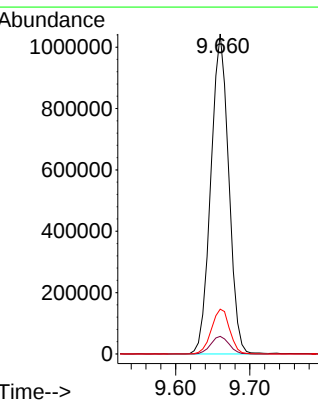
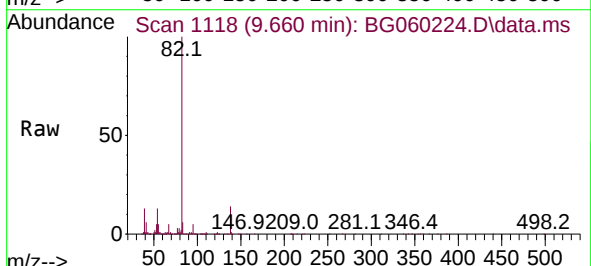
Tgt Ion: 82 Resp: 1746014

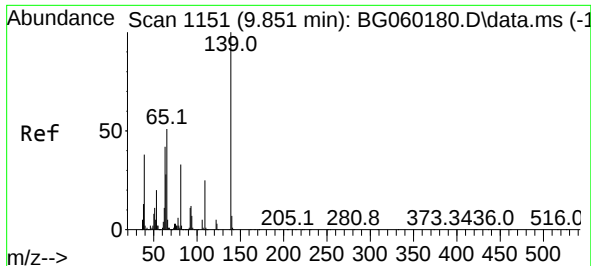
Ion Ratio Lower Upper

82 100

95 5.5 4.4 6.6

138 14.0 11.5 17.3





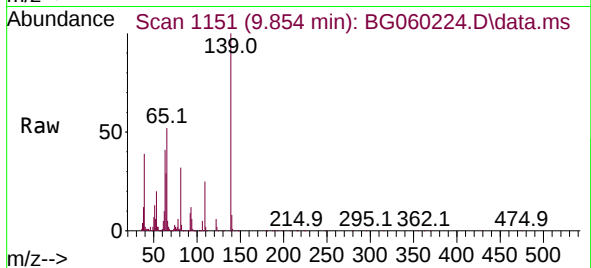
#26
2-Nitrophenol
Concen: 55.202 ng
RT: 9.854 min Scan# 1151
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

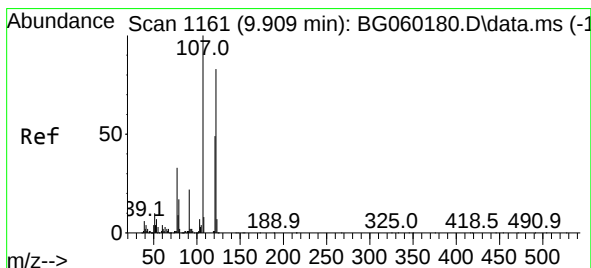
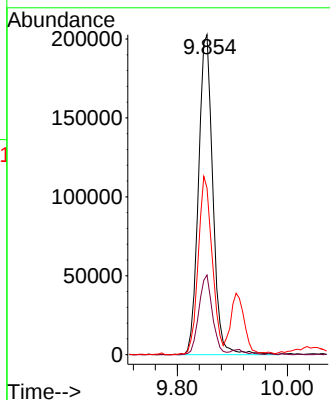
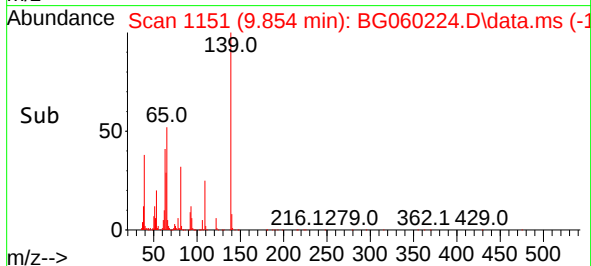
PB157753BS



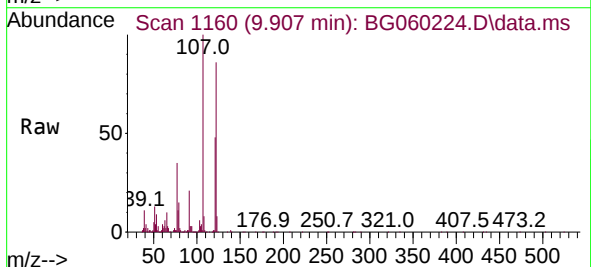
Tgt Ion:139 Resp: 367199
Ion Ratio Lower Upper
139 100
109 24.9 19.8 29.8
65 52.1 40.8 61.2

Manual Integrations
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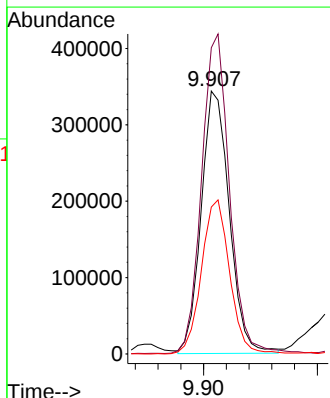
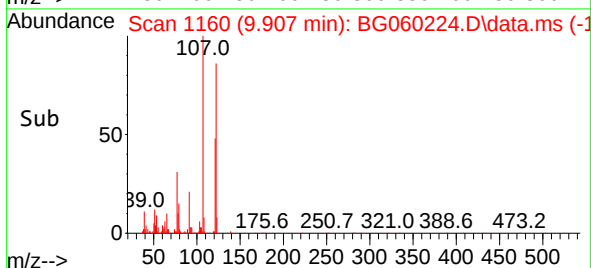
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

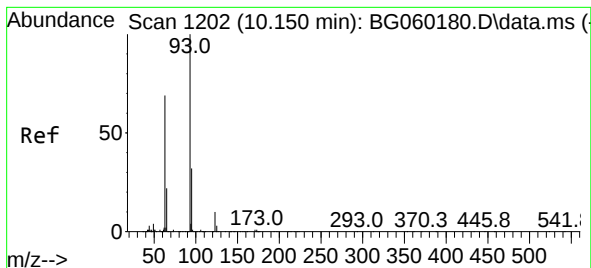


#27
2,4-Dimethylphenol
Concen: 62.773 ng
RT: 9.907 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



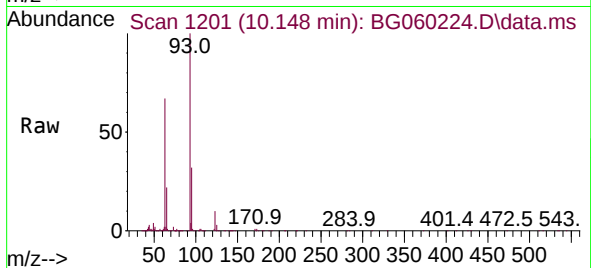
Tgt Ion:122 Resp: 591467
Ion Ratio Lower Upper
122 100
107 116.6 95.8 143.6
121 55.9 46.2 69.4





#28
bis(2-Chloroethoxy)methane
Concen: 46.936 ng
RT: 10.148 min Scan# 1201
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

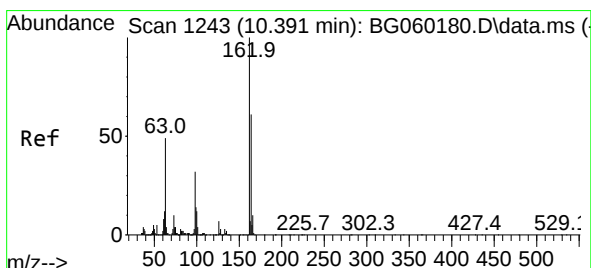
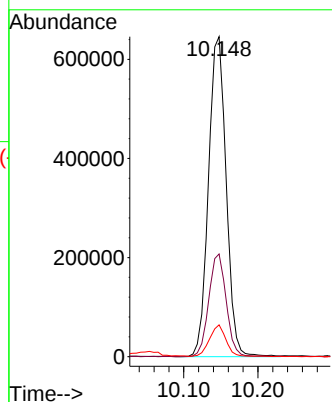
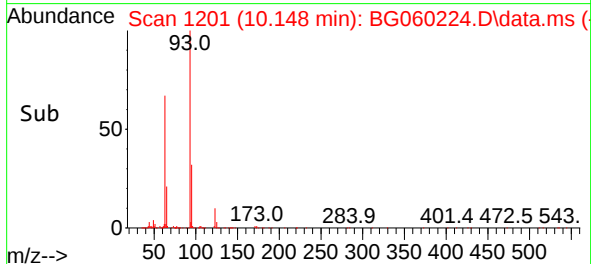
Instrument :
BNA_G
ClientSampleId :
PB157753BS



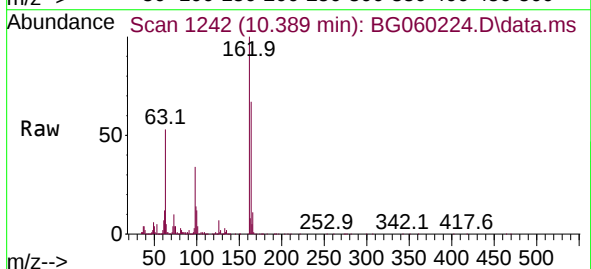
Tgt Ion: 93 Resp: 1071598
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.6
123 9.9 7.8 11.6

Manual Integrations
APPROVED

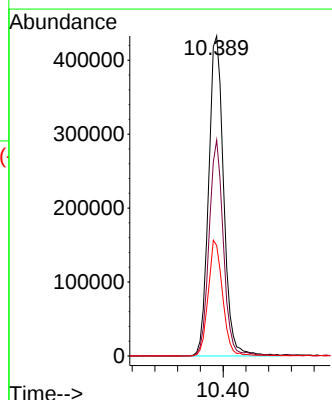
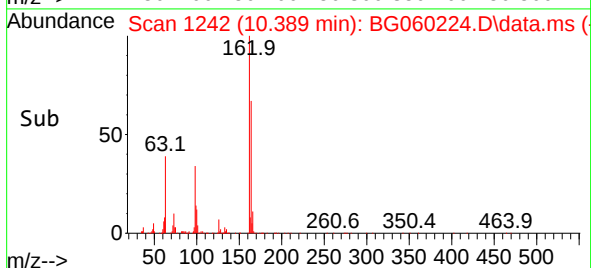
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

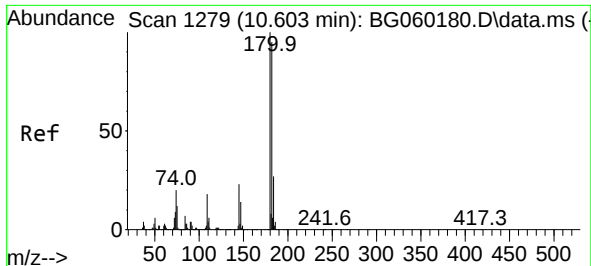


#29
2,4-Dichlorophenol
Concen: 53.072 ng
RT: 10.389 min Scan# 1242
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



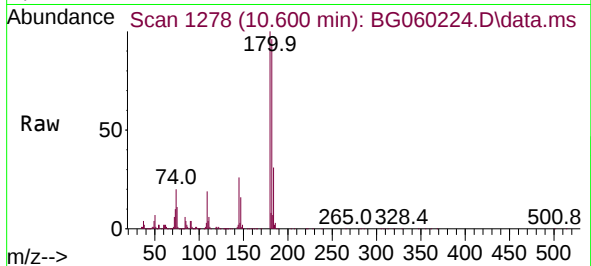
Tgt Ion:162 Resp: 790319
Ion Ratio Lower Upper
162 100
164 67.5 40.7 80.7
98 34.5 11.7 51.7





#30
1,2,4-Trichlorobenzene
Concen: 44.680 ng
RT: 10.600 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

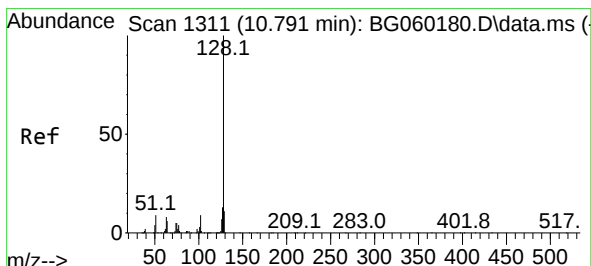
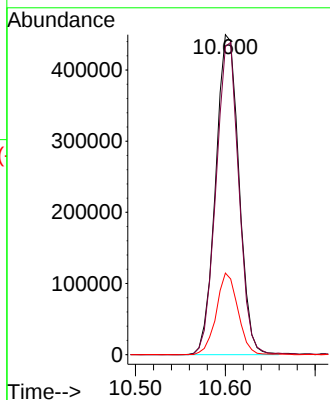
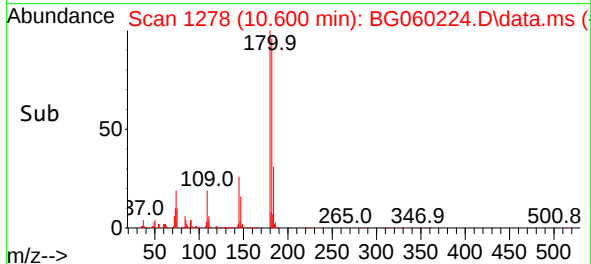
Instrument :
BNA_G
ClientSampleId :
PB157753BS



Tgt Ion:180 Resp: 809811
Ion Ratio Lower Upper
180 100
182 96.4 75.7 113.5
145 25.5 18.4 27.6

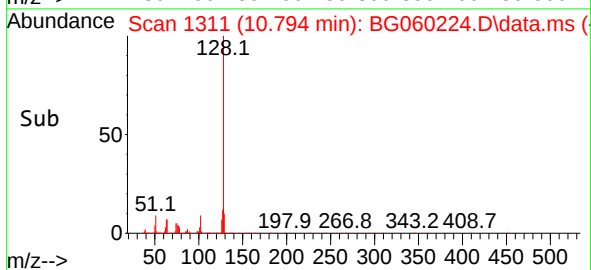
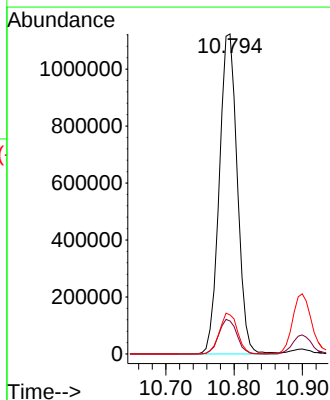
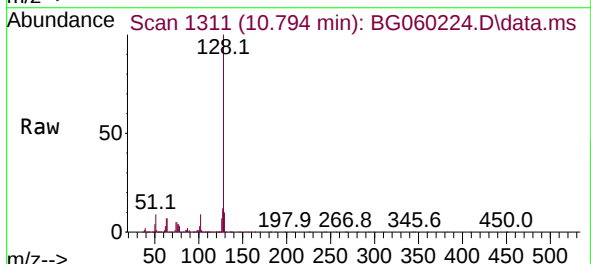
Manual Integrations
APPROVED

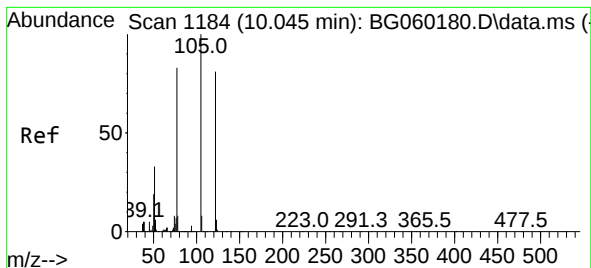
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#31
Naphthalene
Concen: 45.346 ng
RT: 10.794 min Scan# 1311
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

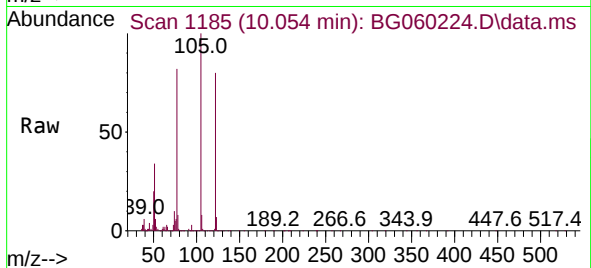
Tgt Ion:128 Resp: 2060194
Ion Ratio Lower Upper
128 100
129 10.3 9.2 13.8
127 12.2 10.6 16.0





#32
Benzoic acid
Concen: 53.904 ng
RT: 10.054 min Scan# 1184
Delta R.T. 0.009 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

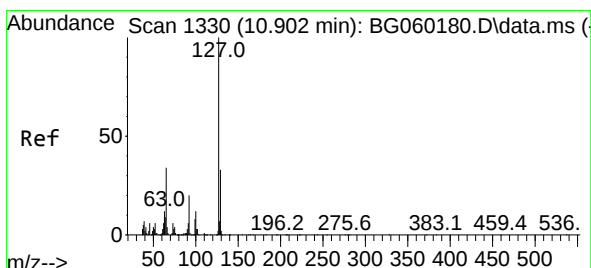
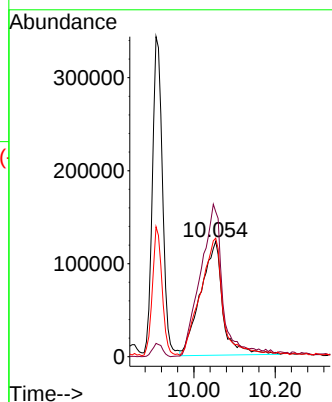
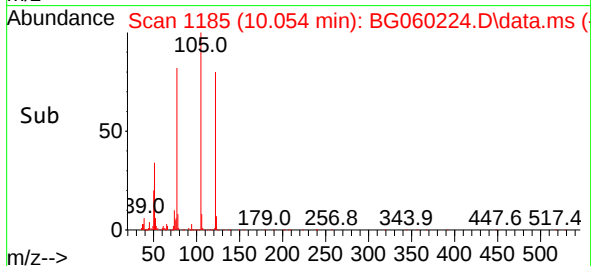
Instrument :
BNA_G
ClientSampleId :
PB157753BS



Tgt Ion:122 Resp: 467424
Ion Ratio Lower Upper
122 100
105 125.8 99.2 139.2
77 102.8 81.0 121.0

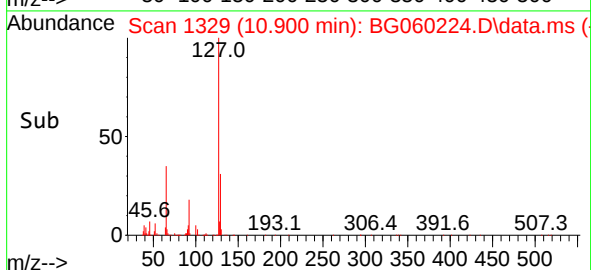
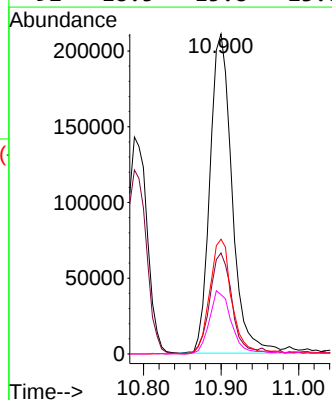
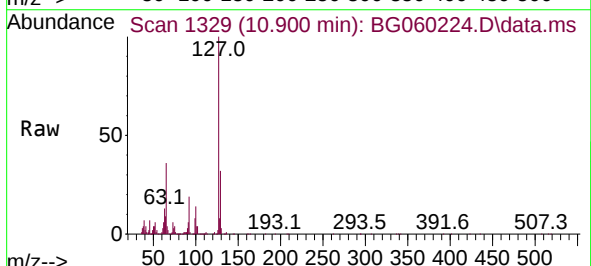
Manual Integrations
APPROVED

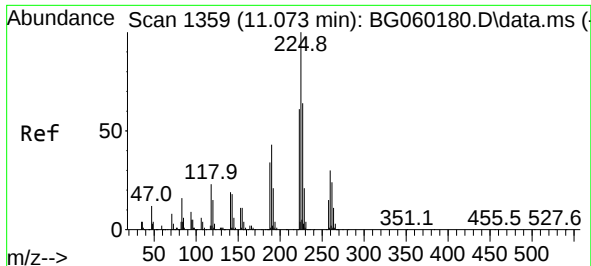
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#33
4-Chloroaniline
Concen: 23.531 ng
RT: 10.900 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

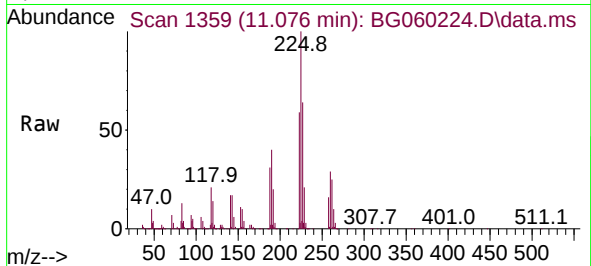
Tgt Ion:127 Resp: 417523
Ion Ratio Lower Upper
127 100
129 31.5 26.0 39.0
65 35.9 27.4 41.0
92 18.5 15.8 23.8





#34
Hexachlorobutadiene
Concen: 42.849 ng
RT: 11.076 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

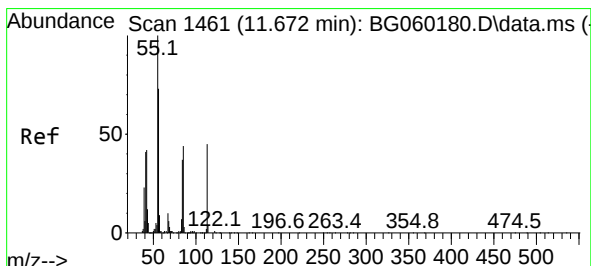
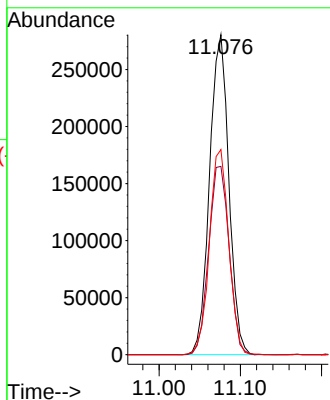
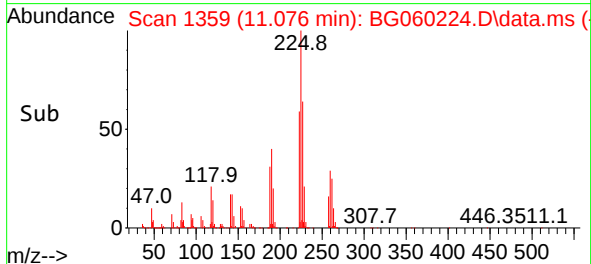
Instrument :
BNA_G
ClientSampleId :
PB157753BS



Tgt Ion:225 Resp: 461898
Ion Ratio Lower Upper
225 100
223 61.5 49.0 73.6
227 64.1 51.0 76.4

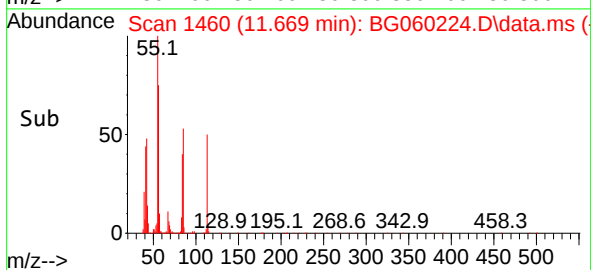
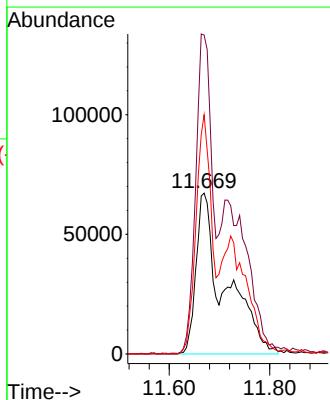
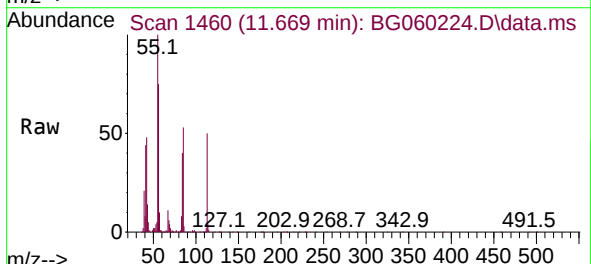
Manual Integrations
APPROVED

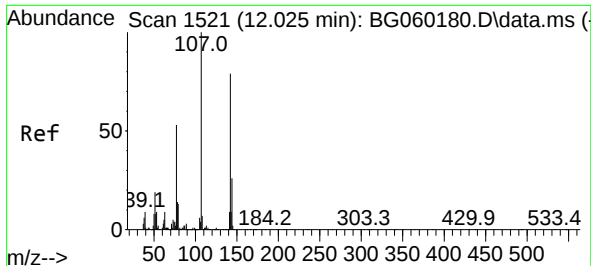
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#35
Caprolactam
Concen: 53.788 ng m
RT: 11.669 min Scan# 1460
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:113 Resp: 266440
Ion Ratio Lower Upper
113 100
55 198.3 202.1 242.1#
56 148.8 142.4 182.4





#36
4-Chloro-3-methylphenol
Concen: 52.776 ng
RT: 12.022 min Scan# 1521
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

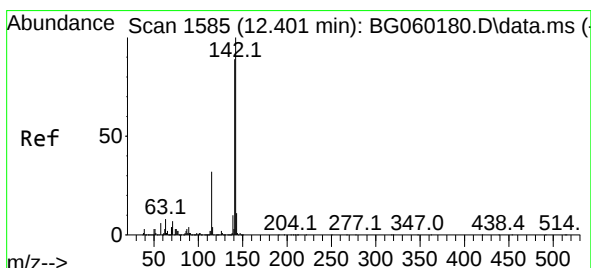
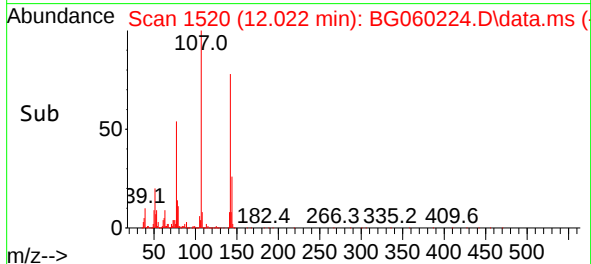
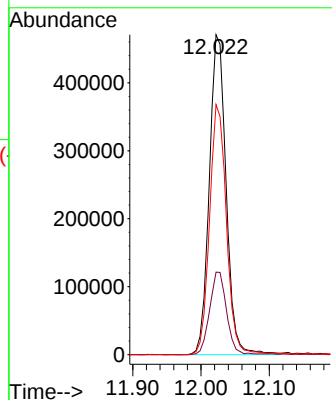
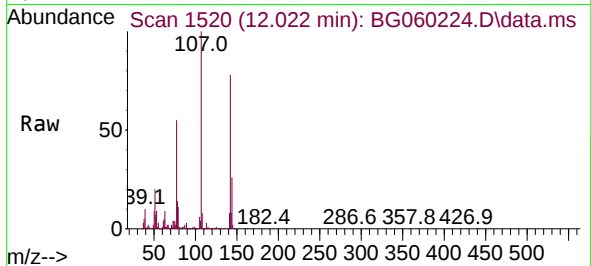
ClientSampleId :

PB157753BS

Tgt Ion:107 Resp: 808815
Ion Ratio Lower Upper
107 100
144 25.8 20.8 31.2
142 78.1 63.4 95.2

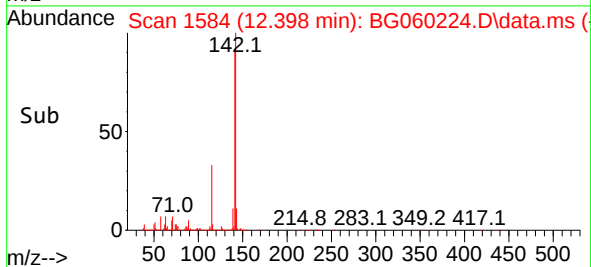
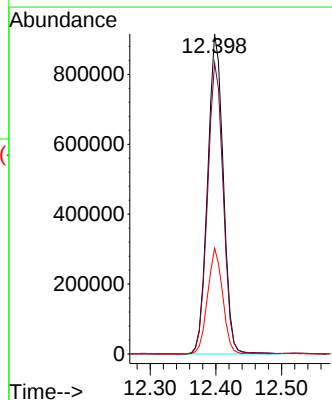
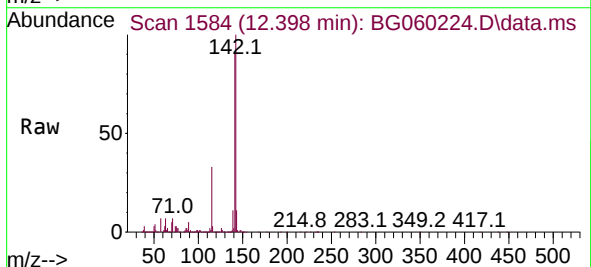
Manual Integrations
APPROVED

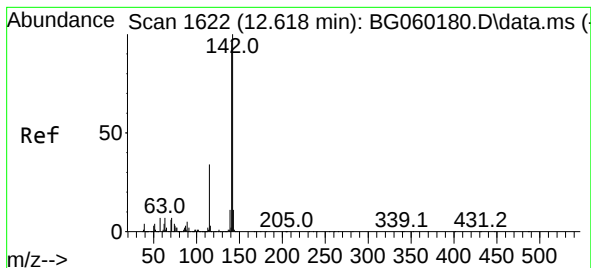
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#37
2-Methylnaphthalene
Concen: 46.268 ng
RT: 12.398 min Scan# 1584
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

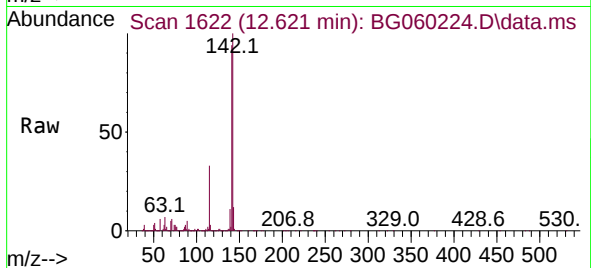
Tgt Ion:142 Resp: 1518347
Ion Ratio Lower Upper
142 100
141 91.0 71.1 106.7
115 33.1 25.5 38.3





#38
1-Methylnaphthalene
Concen: 45.005 ng
RT: 12.621 min Scan# 1622
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

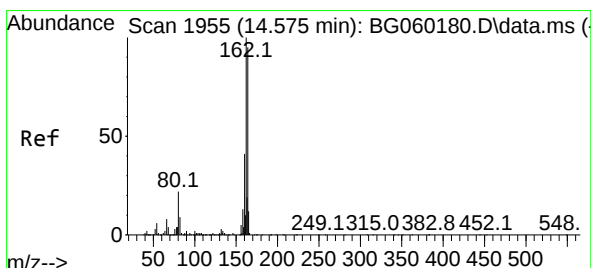
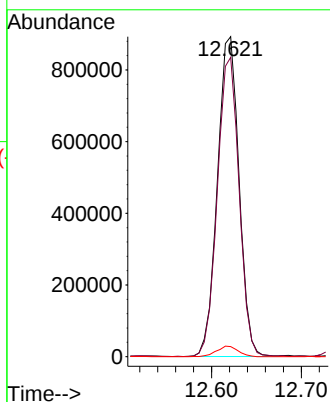
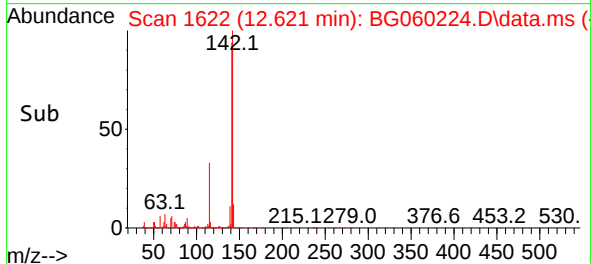
Instrument :
BNA_G
ClientSampleId :
PB157753BS



Tgt Ion:142 Resp: 1493219
Ion Ratio Lower Upper
142 100
141 93.5 76.6 114.8
116 3.2 2.6 3.8

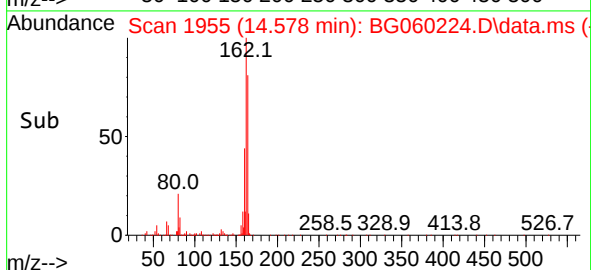
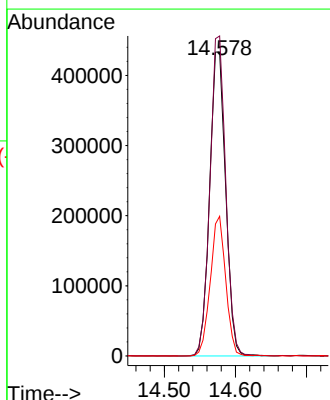
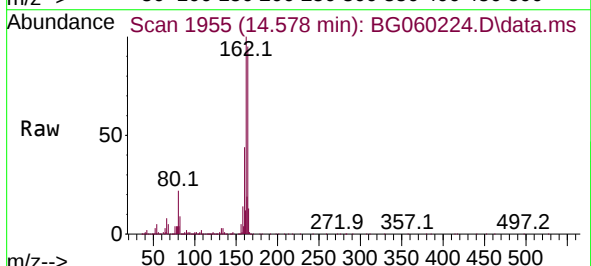
Manual Integrations
APPROVED

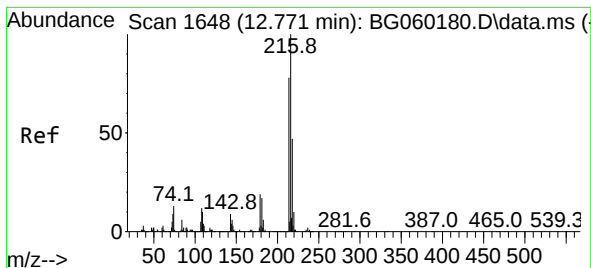
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1955
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:164 Resp: 678687
Ion Ratio Lower Upper
164 100
162 105.2 83.9 125.9
160 45.9 34.2 51.4





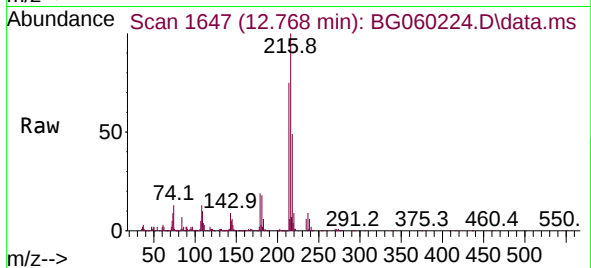
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.836 ng
RT: 12.768 min Scan# 1647
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



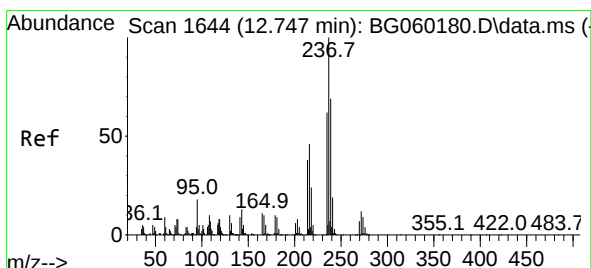
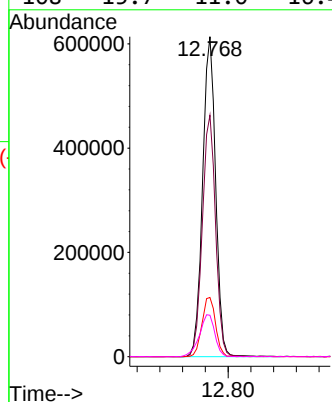
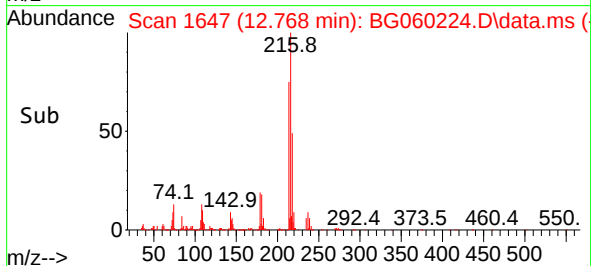
Tgt Ion:216 Resp: 97472
Ion Ratio Lower Upper
216 100
214 76.7 63.4 95.0
179 19.4 15.2 22.8
108 15.7 11.0 16.4

Manual Integrations

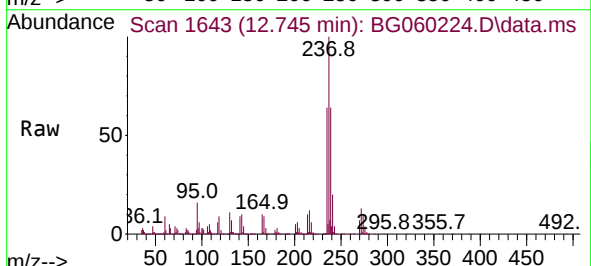
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

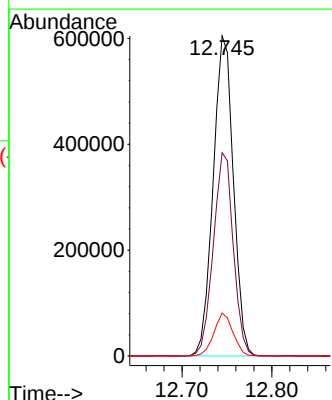
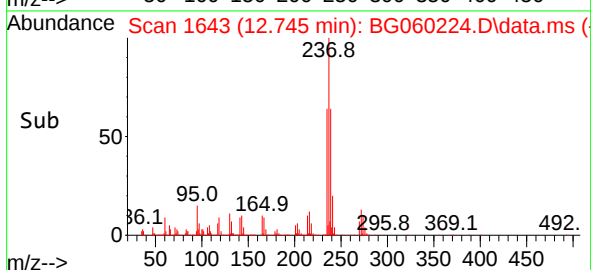
Supervised By :mohammad ahmed 01/04/2024

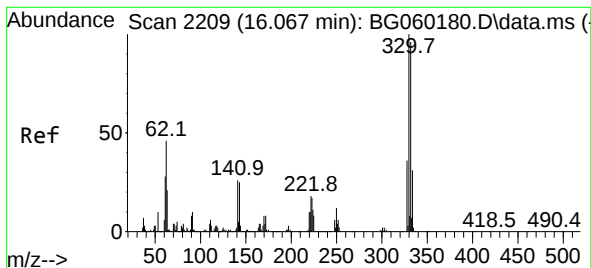


#41
Hexachlorocyclopentadiene
Concen: 134.358 ng
RT: 12.745 min Scan# 1643
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion:237 Resp: 944113
Ion Ratio Lower Upper
237 100
235 63.5 42.2 82.2
272 13.4 0.0 32.0





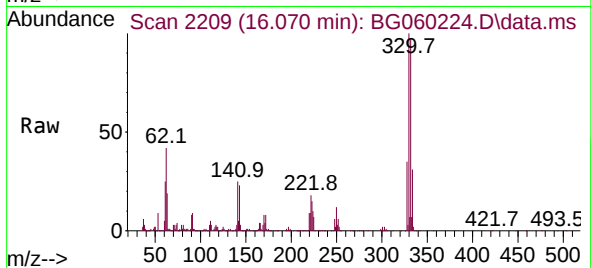
#42
2,4,6-Tribromophenol
Concen: 146.890 ng
RT: 16.070 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



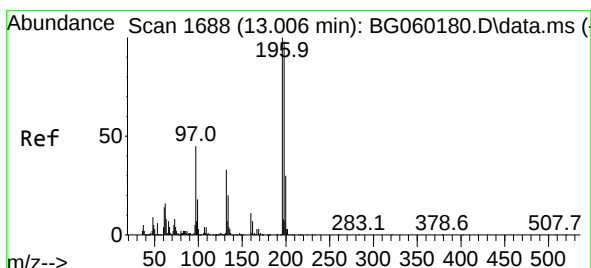
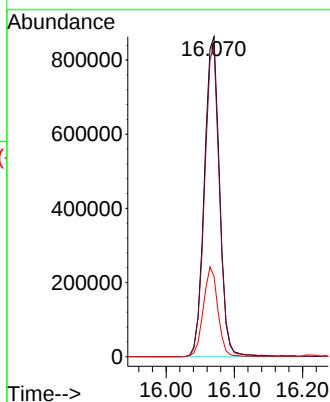
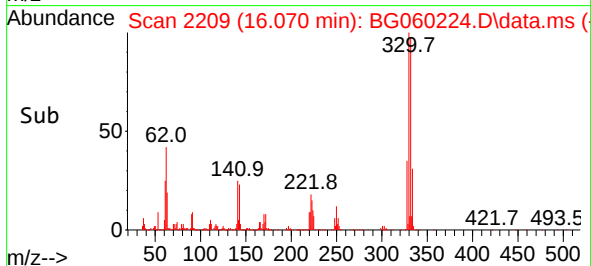
Tgt Ion:330 Resp: 1334488
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 26.8 21.0 31.4

Manual Integrations

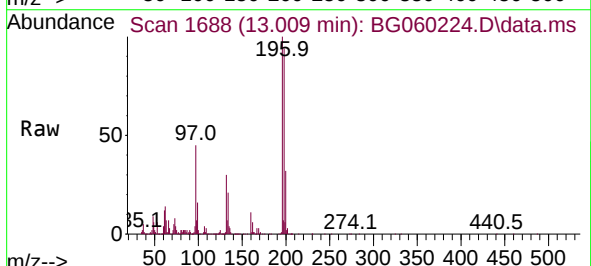
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

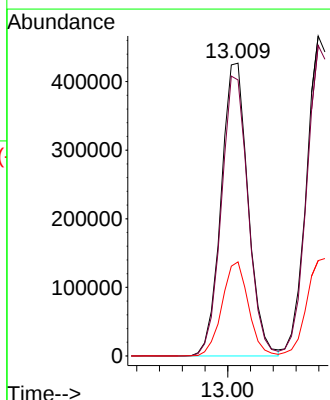
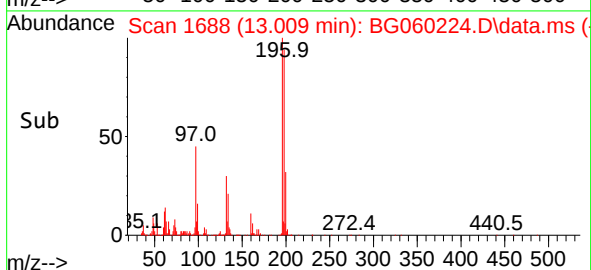
Supervised By :mohammad ahmed 01/04/2024

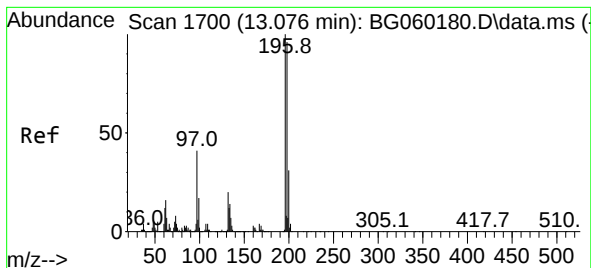


#43
2,4,6-Trichlorophenol
Concen: 49.298 ng
RT: 13.009 min Scan# 1688
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion:196 Resp: 704279
Ion Ratio Lower Upper
196 100
198 94.3 78.3 117.5
200 32.1 23.9 35.9





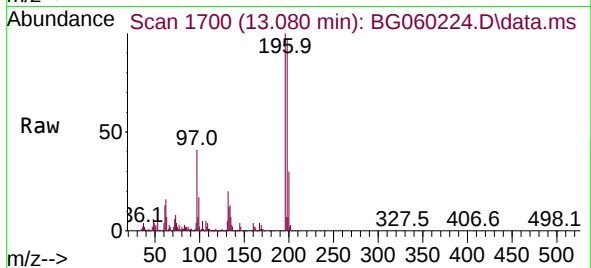
#44
2,4,5-Trichlorophenol
Concen: 49.986 ng
RT: 13.080 min Scan# 1700
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



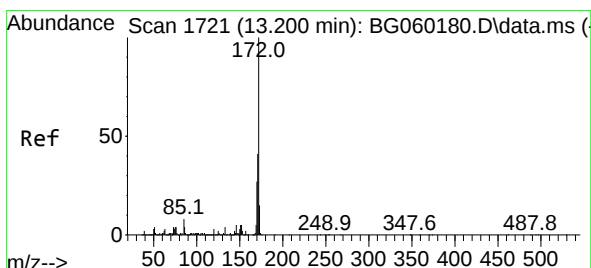
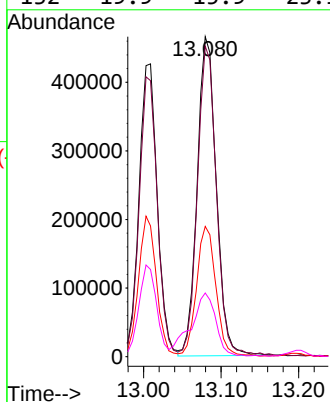
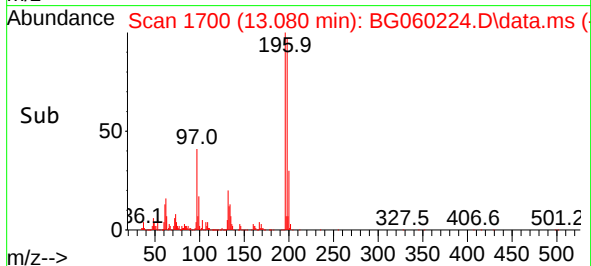
Tgt Ion:196 Resp: 79885
Ion Ratio Lower Upper
196 100
198 97.1 76.6 115.0
97 40.7 32.9 49.3
132 19.9 15.9 23.9

Manual Integrations

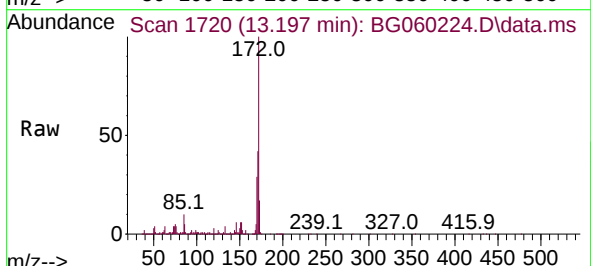
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

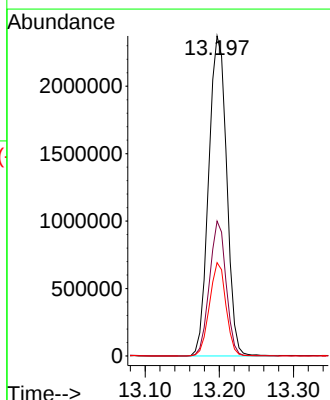
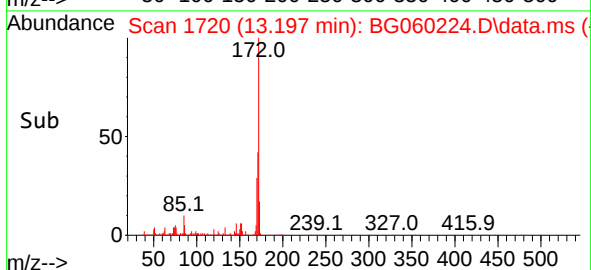
Supervised By :mohammad ahmed 01/04/2024

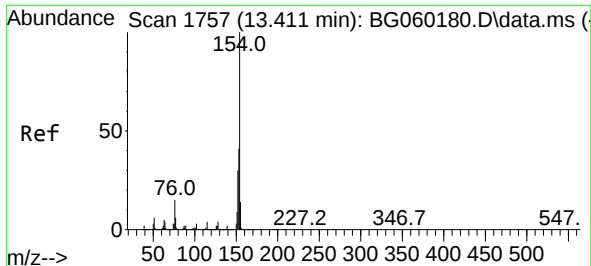


#45
2-Fluorobiphenyl
Concen: 84.545 ng
RT: 13.197 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion:172 Resp: 3992374
Ion Ratio Lower Upper
172 100
171 42.1 32.6 48.8
170 29.1 21.8 32.6





#46
1,1'-Biphenyl
Concen: 45.826 ng
RT: 13.409 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

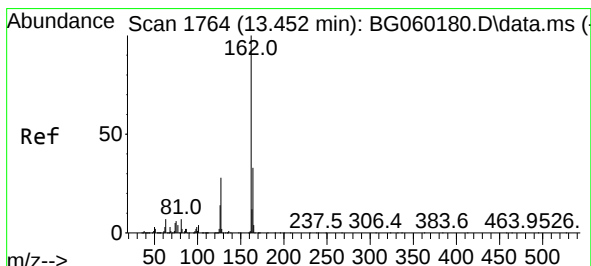
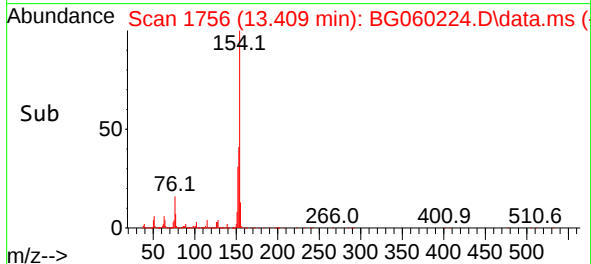
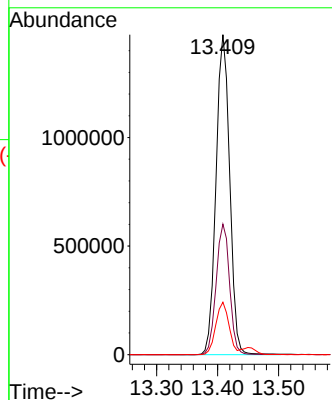
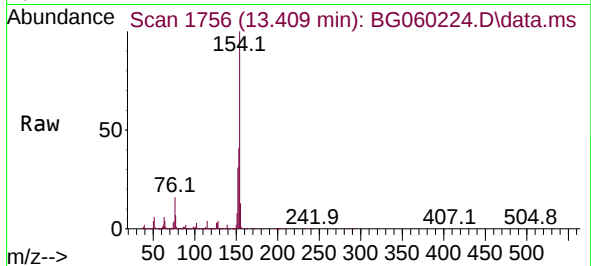
PB157753BS

Tgt Ion:154 Resp: 2288270
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 16.4 0.0 35.4

Manual Integrations

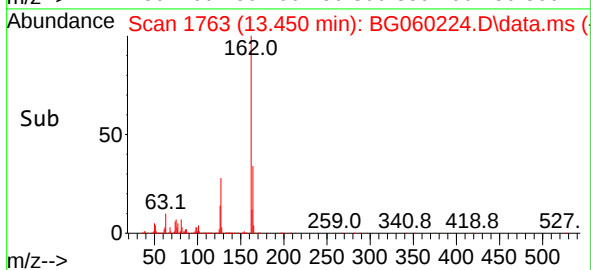
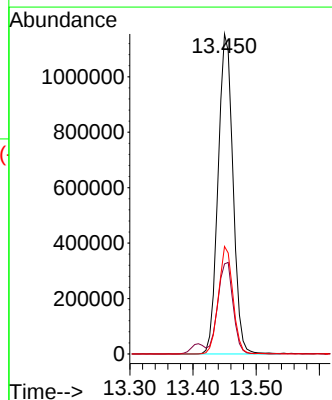
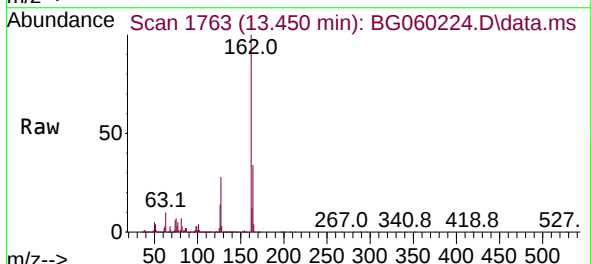
APPROVED

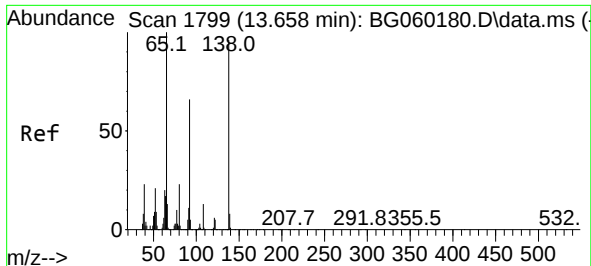
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#47
2-Chloronaphthalene
Concen: 44.488 ng
RT: 13.450 min Scan# 1763
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:162 Resp: 1892609
Ion Ratio Lower Upper
162 100
127 28.2 23.0 34.6
164 33.6 26.7 40.1





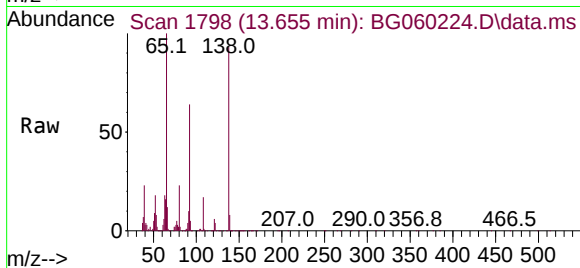
#48
2-Nitroaniline
Concen: 53.752 ng
RT: 13.655 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



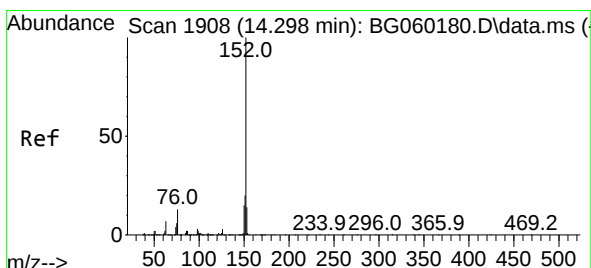
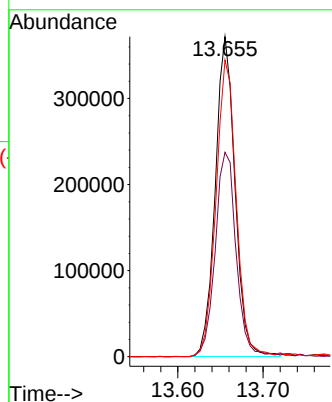
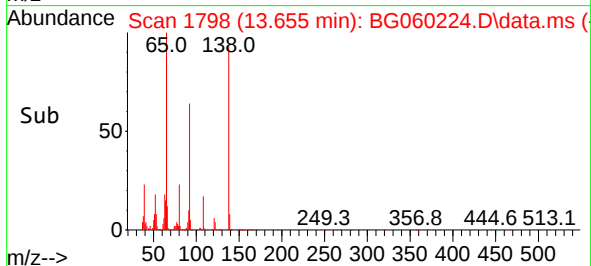
Tgt Ion: 65 Resp: 597604
Ion Ratio Lower Upper
65 100
92 63.9 52.9 79.3
138 92.7 76.4 114.6

Manual Integrations

APPROVED

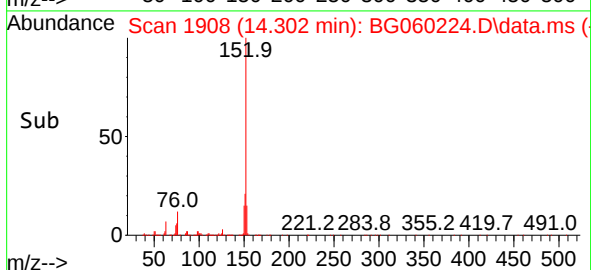
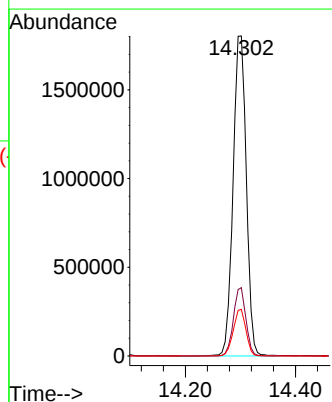
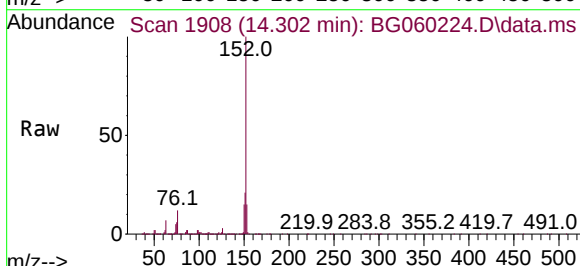
Reviewed By :Yogesh Patel 01/04/2024

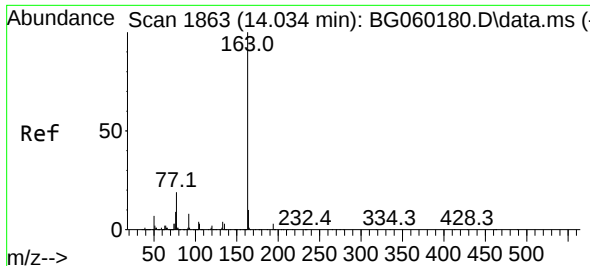
Supervised By :mohammad ahmed 01/04/2024



#49
Acenaphthylene
Concen: 49.187 ng
RT: 14.302 min Scan# 1908
Delta R.T. 0.004 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:152 Resp: 3014998
Ion Ratio Lower Upper
152 100
151 21.3 15.8 23.6
153 14.6 11.0 16.6





#50
Dimethylphthalate
Concen: 46.985 ng
RT: 14.031 min Scan# 1862
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

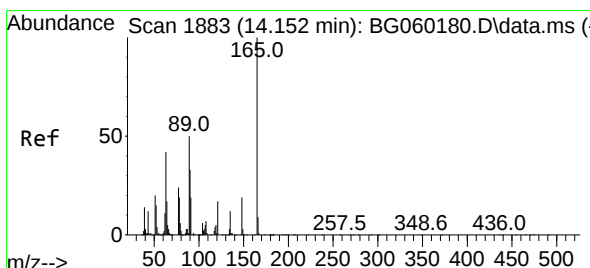
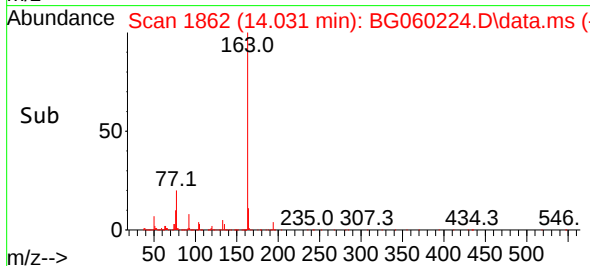
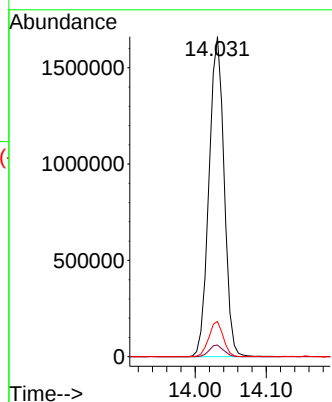
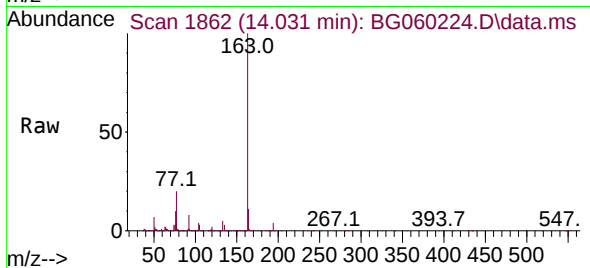
Tgt Ion:163 Resp: 2462029
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 11.0 8.3 12.5

Manual Integrations

APPROVED

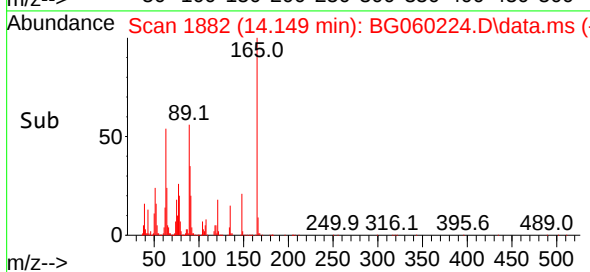
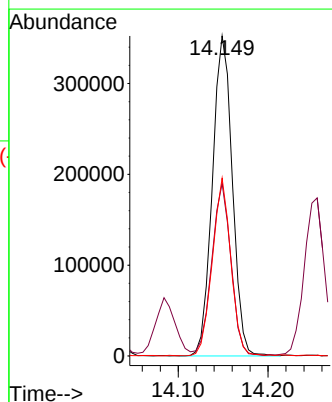
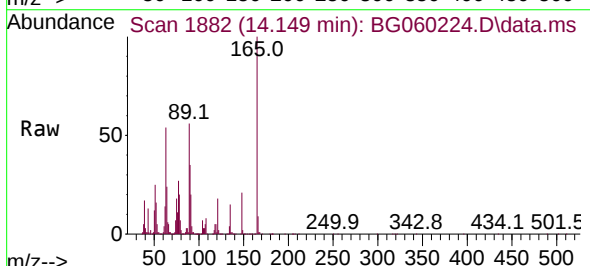
Reviewed By :Yogesh Patel 01/04/2024

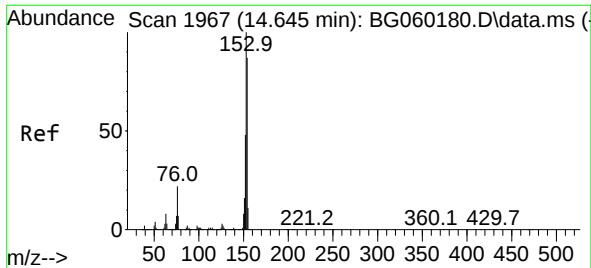
Supervised By :mohammad ahmed 01/04/2024



#51
2,6-Dinitrotoluene
Concen: 49.927 ng
RT: 14.149 min Scan# 1882
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:165 Resp: 544152
Ion Ratio Lower Upper
165 100
63 53.9 39.3 58.9
89 55.6 39.8 59.8





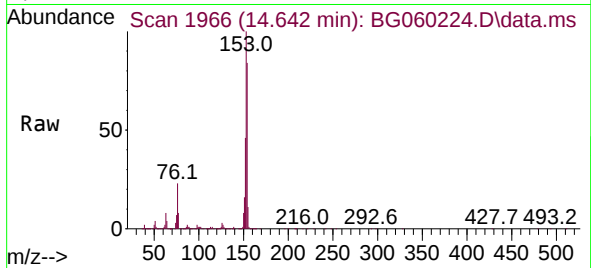
#52
Acenaphthene
Concen: 44.228 ng
RT: 14.642 min Scan# 1967
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



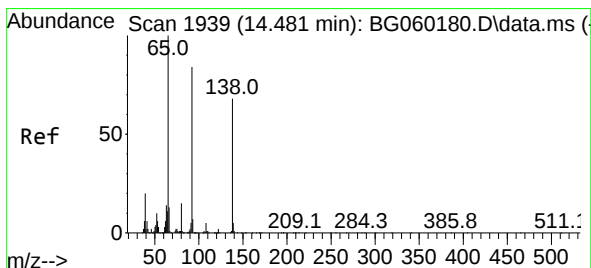
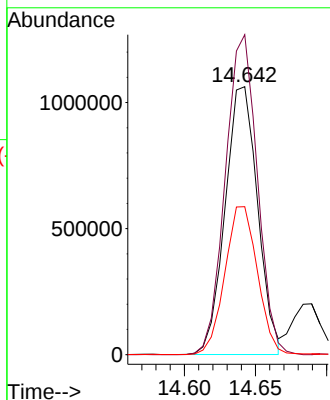
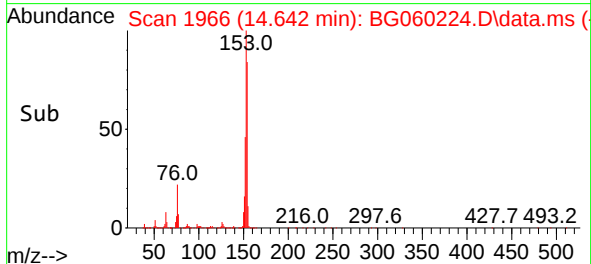
Tgt Ion:154 Resp: 1691734
Ion Ratio Lower Upper
154 100
153 119.4 91.5 137.3
152 55.3 43.8 65.8

Manual Integrations

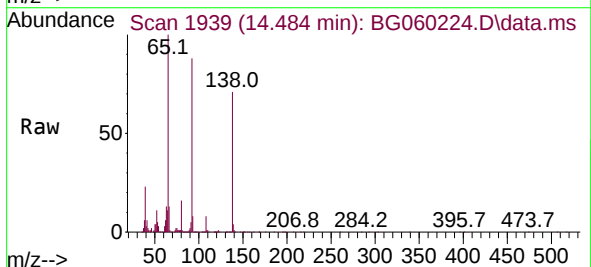
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

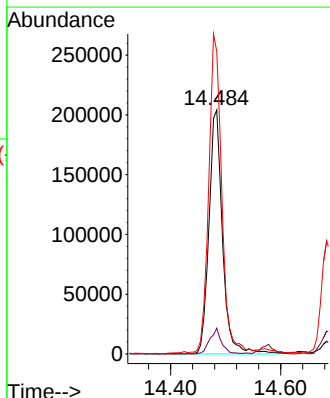
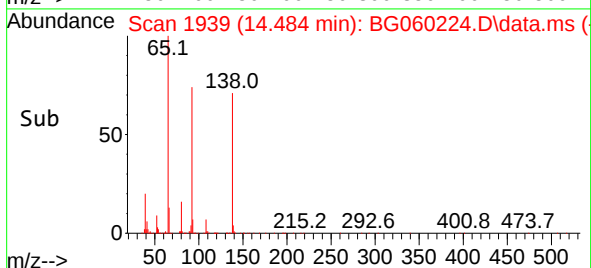
Supervised By :mohammad ahmed 01/04/2024

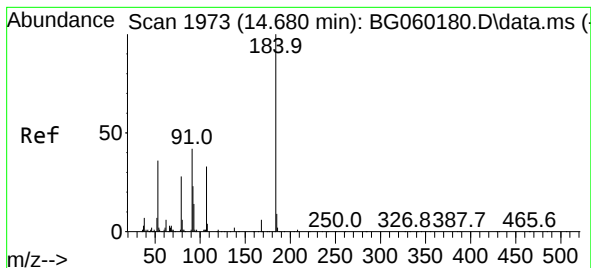


#53
3-Nitroaniline
Concen: 33.899 ng
RT: 14.484 min Scan# 1939
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion:138 Resp: 348131
Ion Ratio Lower Upper
138 100
108 10.6 6.2 9.4#
92 123.9 98.5 147.7





#54
2,4-Dinitrophenol
Concen: 103.049 ng
RT: 14.684 min Scan# 1973
Delta R.T. 0.004 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

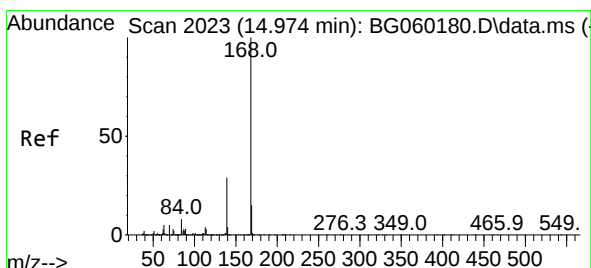
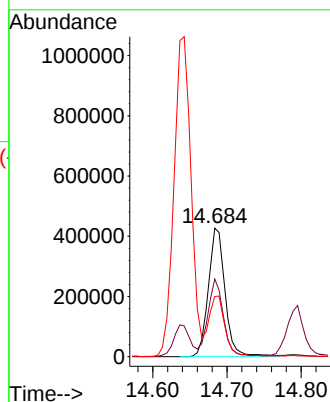
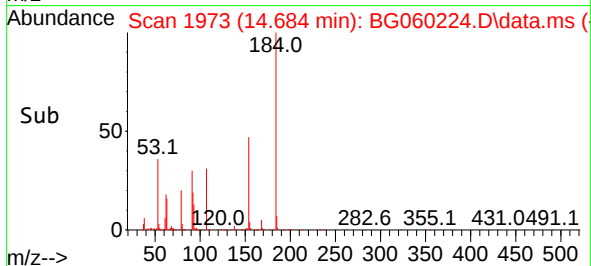
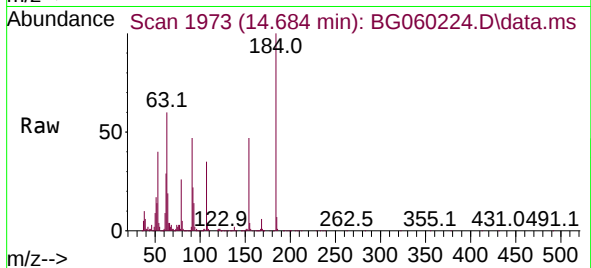
PB157753BS

Tgt Ion:184 Resp: 670829
Ion Ratio Lower Upper
184 100
63 60.4 45.4 68.2
154 46.8 40.0 60.0

Manual Integrations

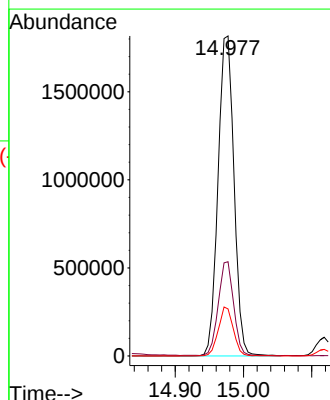
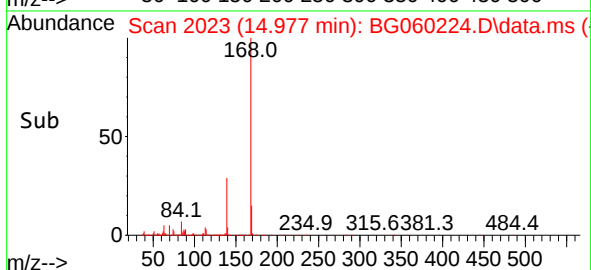
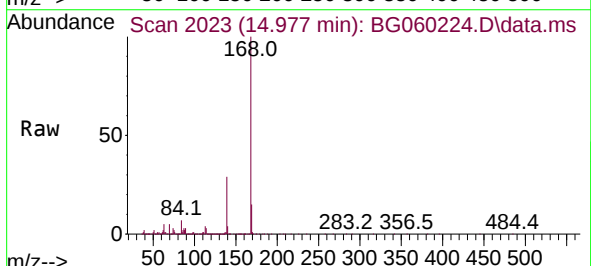
APPROVED

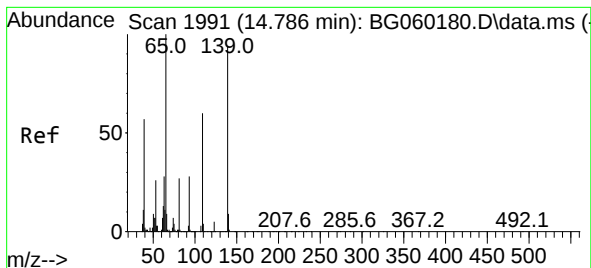
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#55
Dibenzofuran
Concen: 46.203 ng
RT: 14.977 min Scan# 2023
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

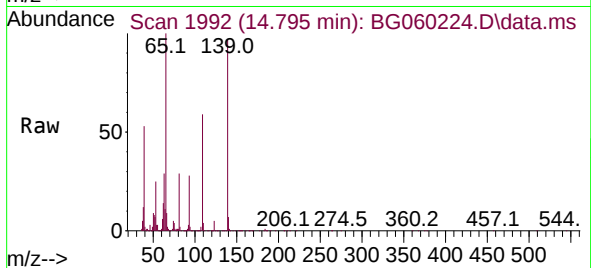
Tgt Ion:168 Resp: 2960302
Ion Ratio Lower Upper
168 100
139 29.4 23.1 34.7
169 14.7 11.9 17.9





#56
4-Nitrophenol
Concen: 119.528 ng
RT: 14.795 min Scan# 1991
Delta R.T. 0.009 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

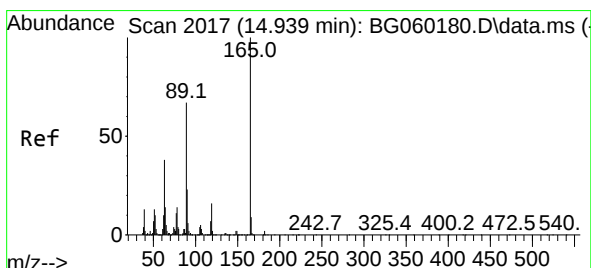
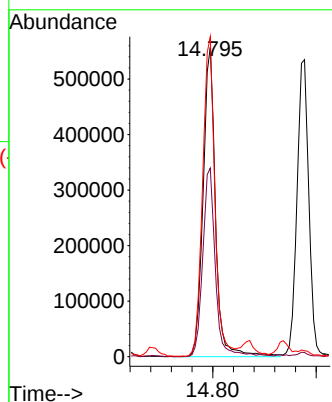
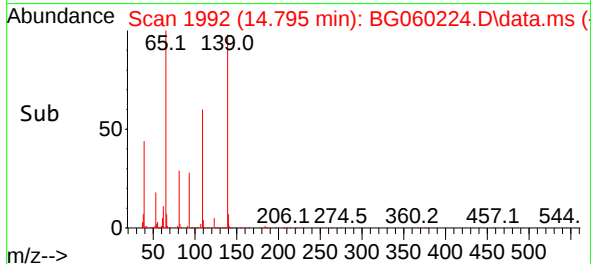
Instrument :
BNA_G
ClientSampleId :
PB157753BS



Tgt Ion:139 Resp: 92787
Ion Ratio Lower Upper
139 100
109 61.0 44.4 84.4
65 103.4 87.4 127.4

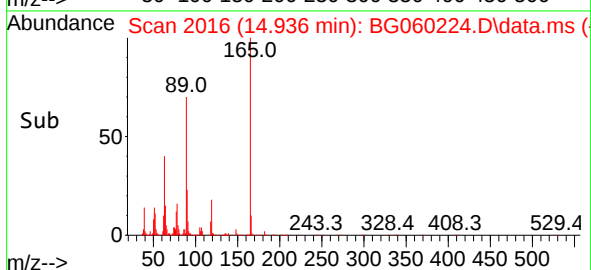
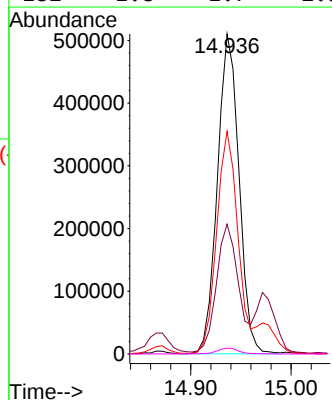
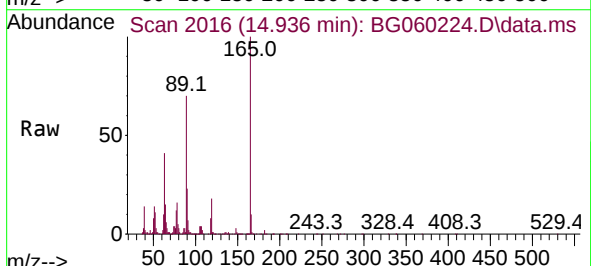
Manual Integrations
APPROVED

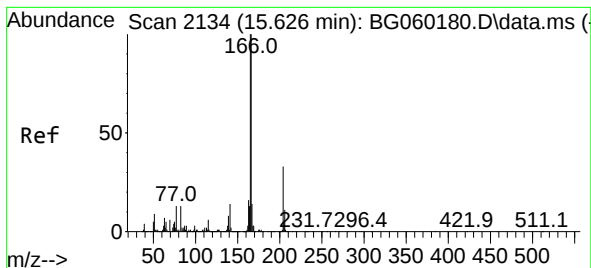
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#57
2,4-Dinitrotoluene
Concen: 51.335 ng
RT: 14.936 min Scan# 2016
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:165 Resp: 760800
Ion Ratio Lower Upper
165 100
63 40.6 31.0 46.6
89 69.6 53.3 79.9
182 1.8 1.7 2.5





#58

Fluorene

Concen: 46.305 ng

RT: 15.624 min Scan# 2134

Delta R.T. -0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

Tgt Ion:166 Resp: 2433289

Ion Ratio Lower Upper

166 100

165 102.5 80.4 120.6

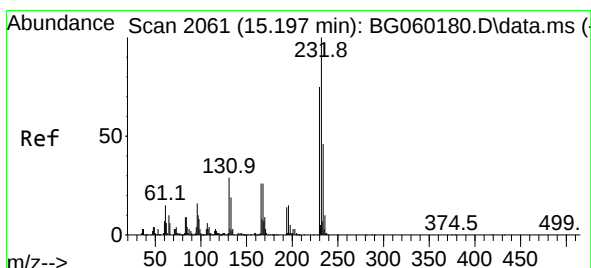
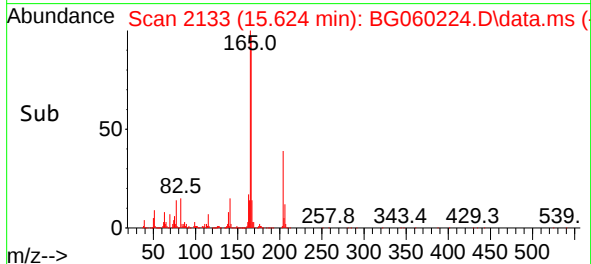
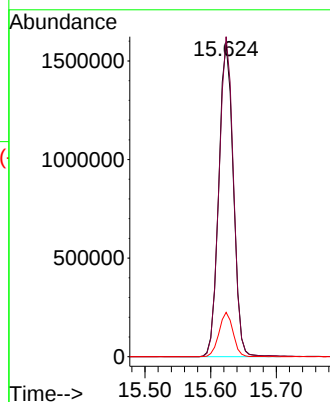
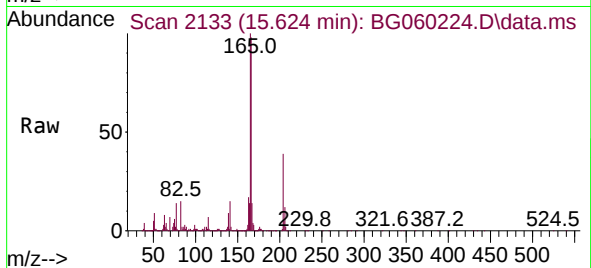
167 14.2 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 51.836 ng

RT: 15.201 min Scan# 2061

Delta R.T. 0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Tgt Ion:232 Resp: 722064

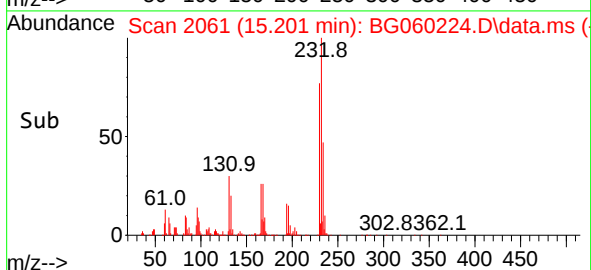
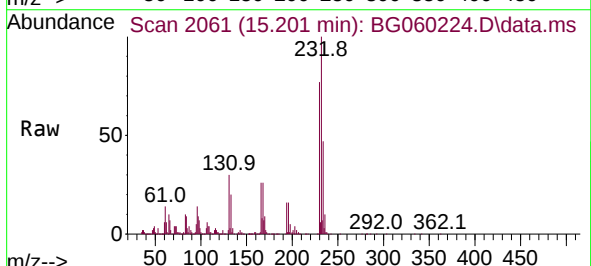
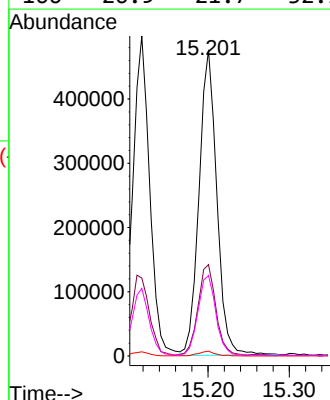
Ion Ratio Lower Upper

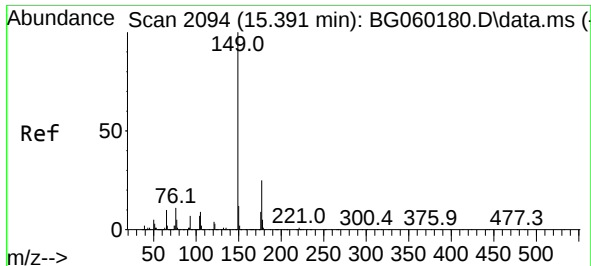
232 100

131 29.9 23.8 35.6

130 1.5 1.2 1.8

166 26.9 21.7 32.5





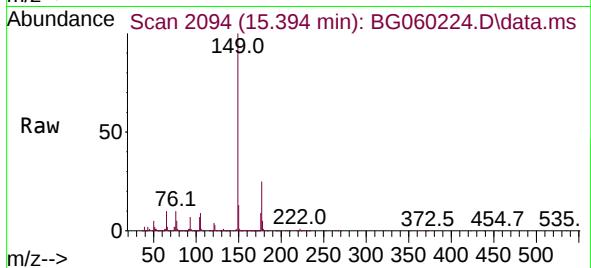
#60
Diethylphthalate
Concen: 47.973 ng
RT: 15.394 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



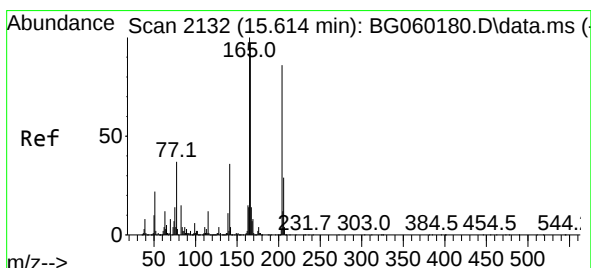
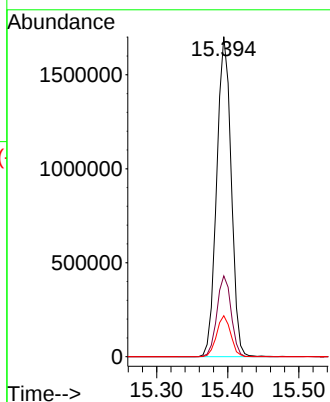
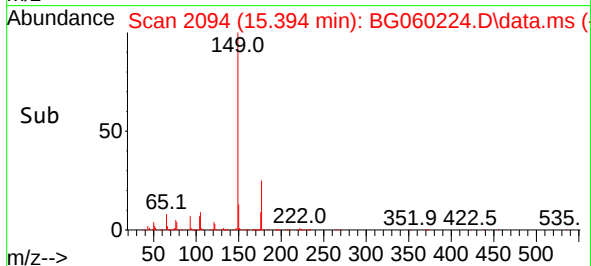
Tgt Ion:149 Resp: 2397208
Ion Ratio Lower Upper
149 100
177 25.3 20.2 30.2
150 12.8 9.6 14.4

Manual Integrations

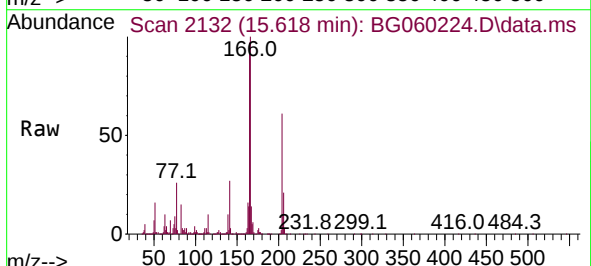
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

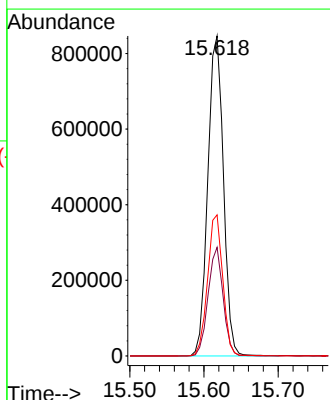
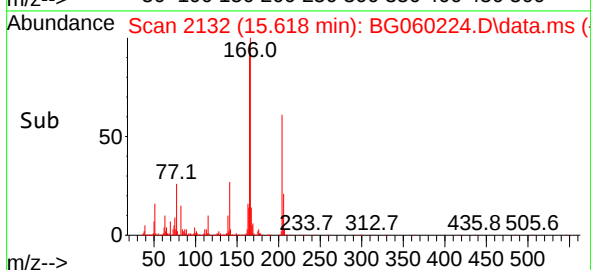
Supervised By :mohammad ahmed 01/04/2024

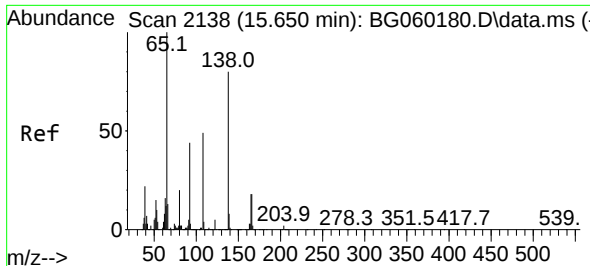


#61
4-Chlorophenyl-phenylether
Concen: 45.228 ng
RT: 15.618 min Scan# 2132
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion:204 Resp: 1237558
Ion Ratio Lower Upper
204 100
206 33.9 26.9 40.3
141 44.1 33.2 49.8





#62
4-Nitroaniline
Concen: 49.312 ng
RT: 15.653 min Scan# 2138
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

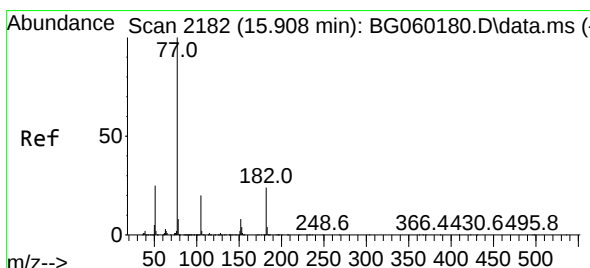
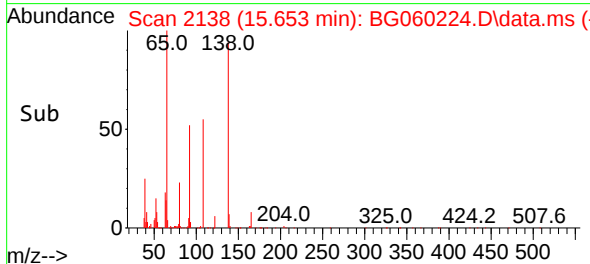
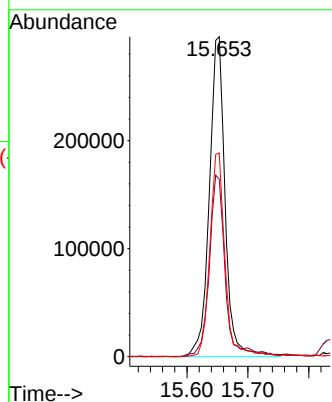
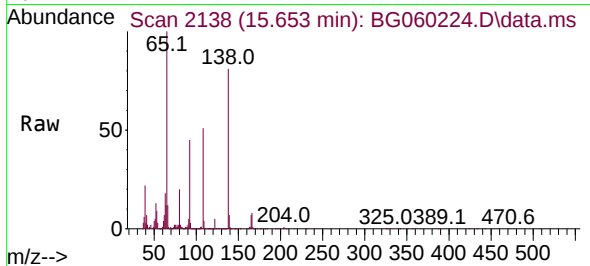
ClientSampleId :

PB157753BS

Tgt Ion:138 Resp: 53375
Ion Ratio Lower Upper
138 100
92 55.4 35.1 75.1
108 63.7 40.9 80.9

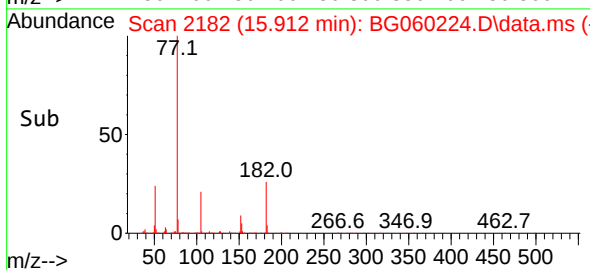
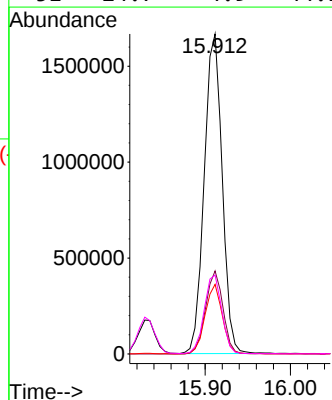
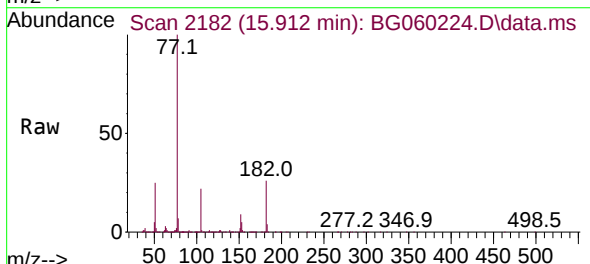
Manual Integrations
APPROVED

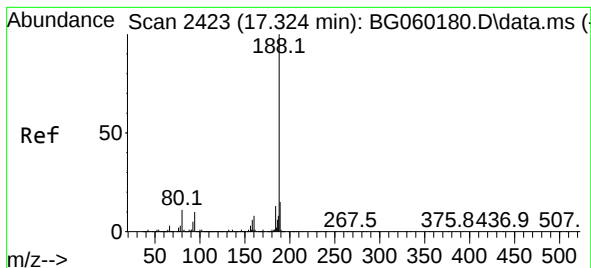
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#63
Azobenzene
Concen: 47.124 ng
RT: 15.912 min Scan# 2182
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion: 77 Resp: 2441352
Ion Ratio Lower Upper
77 100
182 26.0 4.3 44.3
105 21.8 0.3 40.3
51 24.7 4.9 44.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.322 min Scan# 2423

Delta R.T. -0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

Tgt Ion:188 Resp: 162453

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

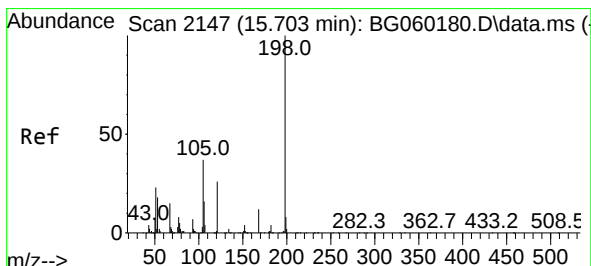
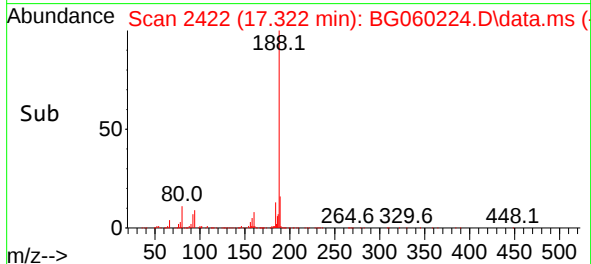
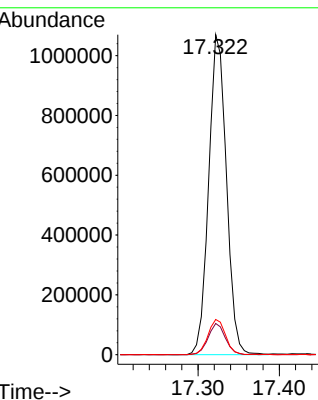
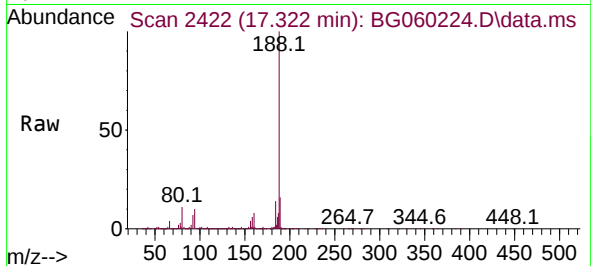
80 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#65

4,6-Dinitro-2-methylphenol

Concen: 55.381 ng

RT: 15.700 min Scan# 2146

Delta R.T. -0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

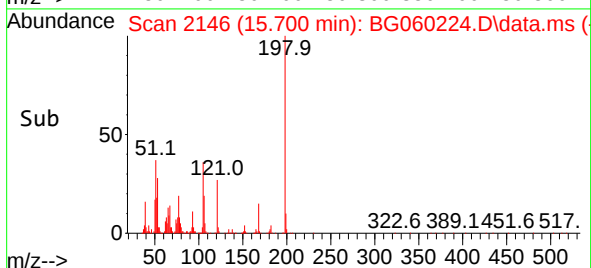
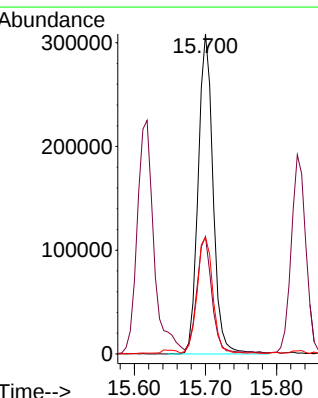
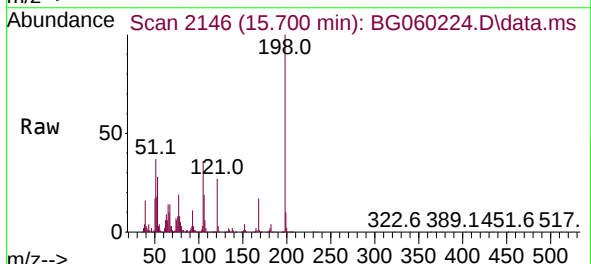
Tgt Ion:198 Resp: 450173

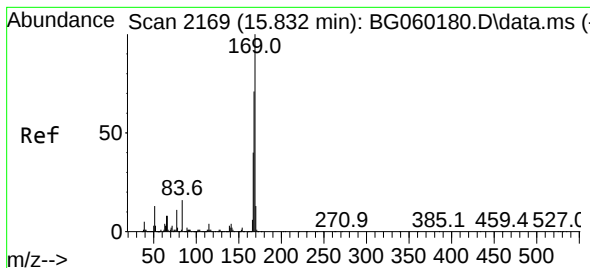
Ion Ratio Lower Upper

198 100

51 36.7 14.8 54.8

105 36.4 17.5 57.5





#66

n-Nitrosodiphenylamine

Concen: 49.521 ng

RT: 15.835 min Scan# 2169

Delta R.T. 0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

Tgt Ion:169 Resp: 216786

Ion Ratio Lower Upper

169 100

168 70.2 56.6 84.8

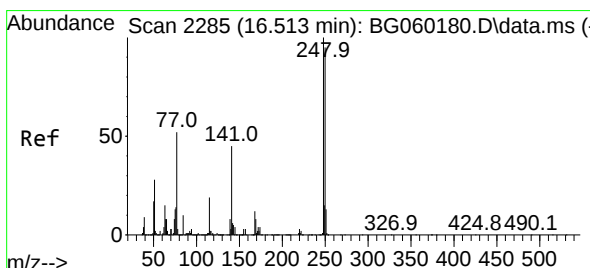
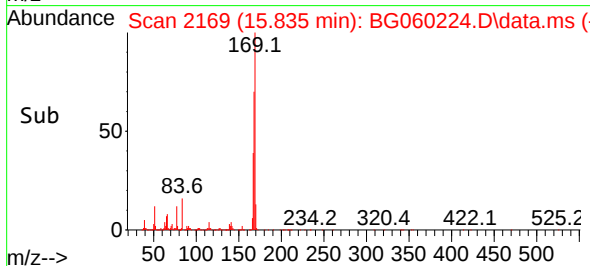
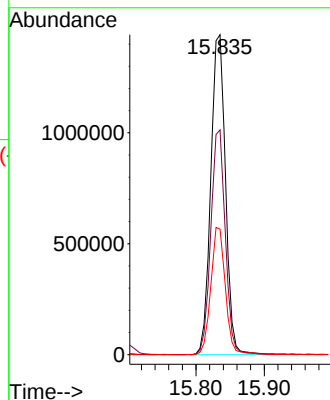
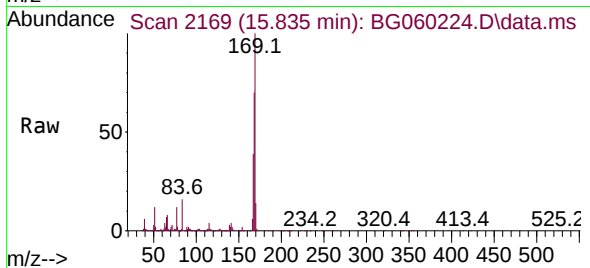
167 39.3 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#67

4-Bromophenyl-phenylether

Concen: 46.732 ng

RT: 16.511 min Scan# 2284

Delta R.T. -0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

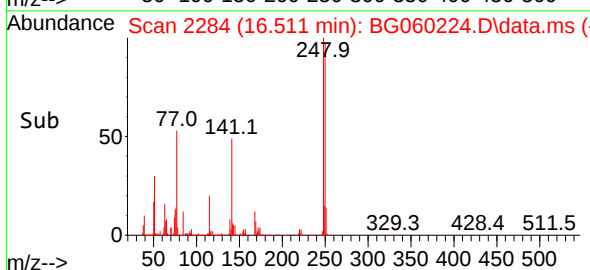
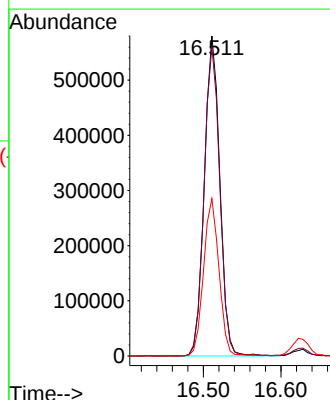
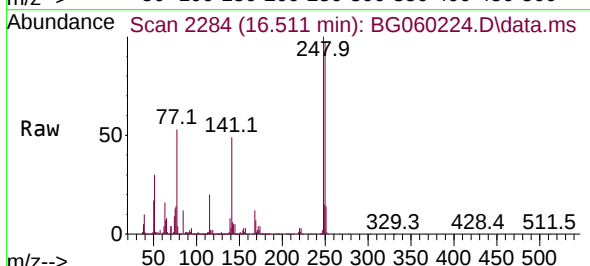
Tgt Ion:248 Resp: 804892

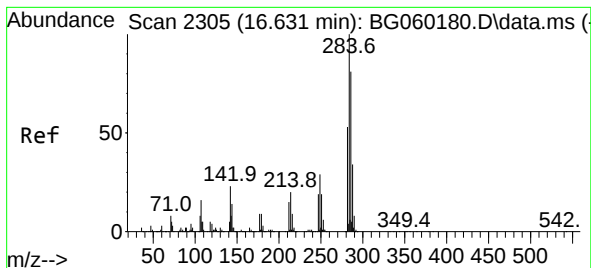
Ion Ratio Lower Upper

248 100

250 96.6 76.2 114.4

141 49.1 36.0 54.0





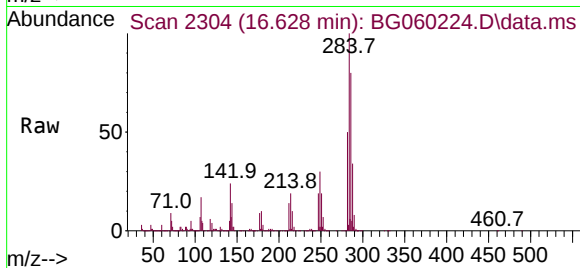
#68
Hexachlorobenzene
Concen: 46.076 ng
RT: 16.628 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



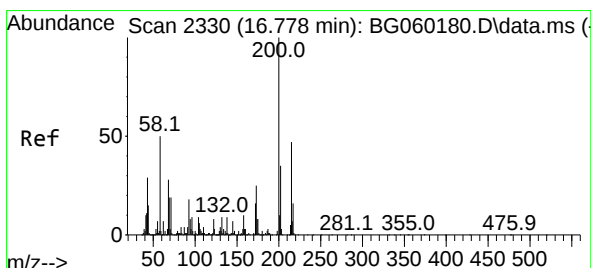
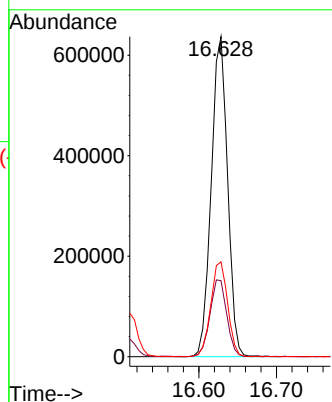
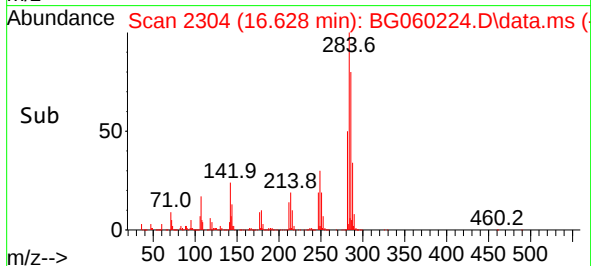
Tgt Ion:284 Resp: 930472
Ion Ratio Lower Upper
284 100
142 23.7 18.7 28.1
249 29.7 23.5 35.3

Manual Integrations

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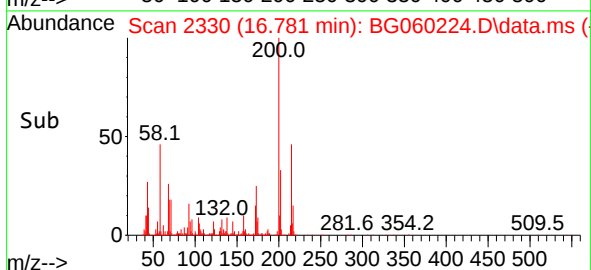
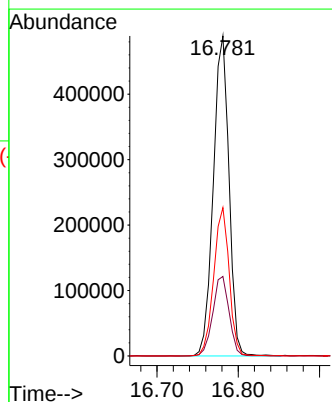
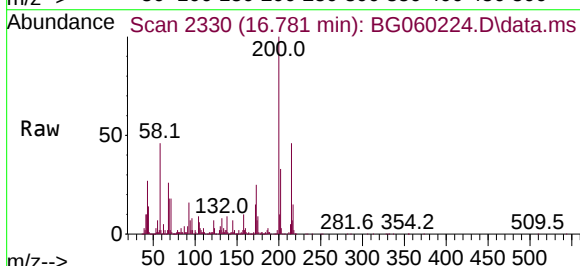
Reviewed By :Yogesh Patel 01/04/2024

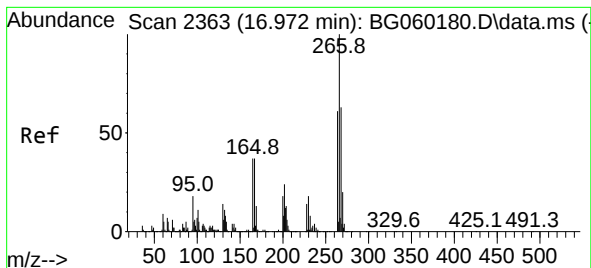
Supervised By :mohammad ahmed 01/04/2024



#69
Atrazine
Concen: 40.680 ng
RT: 16.781 min Scan# 2330
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:200 Resp: 654505
Ion Ratio Lower Upper
200 100
173 24.9 5.2 45.2
215 46.3 26.9 66.9





#70
Pentachlorophenol
Concen: 105.062 ng
RT: 16.975 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

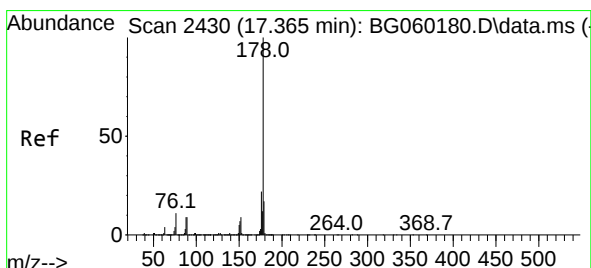
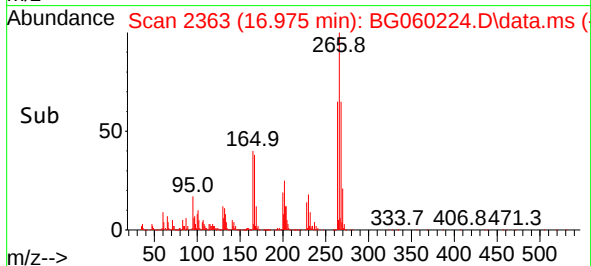
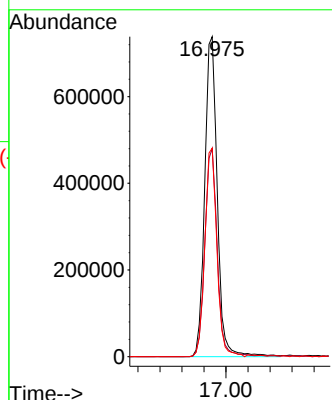
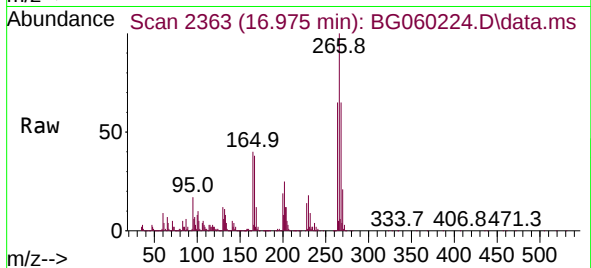
PB157753BS

Tgt Ion:266 Resp: 116551
Ion Ratio Lower Upper
266 100
268 65.0 50.4 75.6
264 65.2 52.6 79.0

Manual Integrations

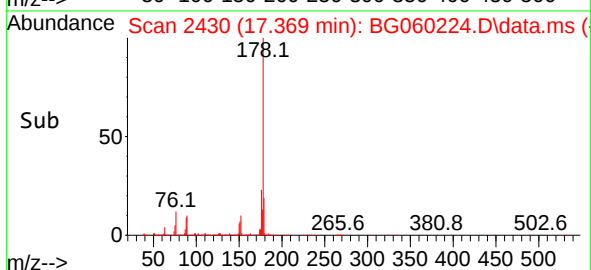
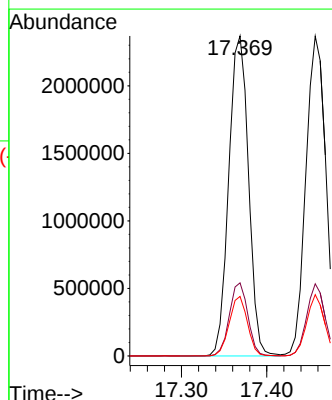
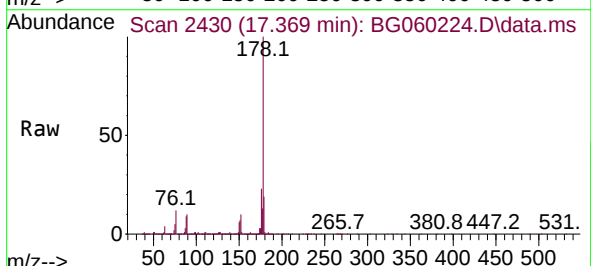
APPROVED

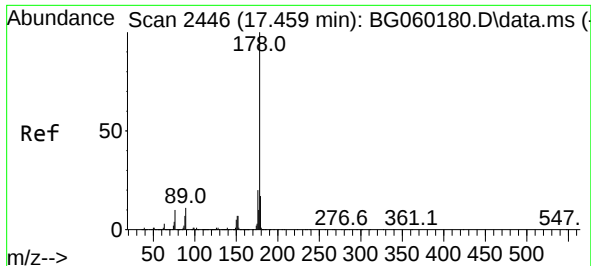
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#71
Phenanthrene
Concen: 47.459 ng
RT: 17.369 min Scan# 2430
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:178 Resp: 3810938
Ion Ratio Lower Upper
178 100
176 22.9 17.5 26.3
179 18.6 13.8 20.8





#72
 Anthracene
 Concen: 48.664 ng
 RT: 17.457 min Scan# 2446
 Delta R.T. -0.003 min
 Lab File: BG060224.D
 Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

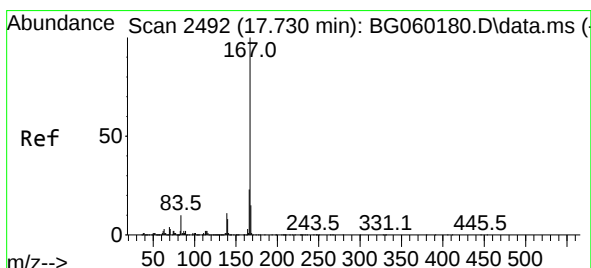
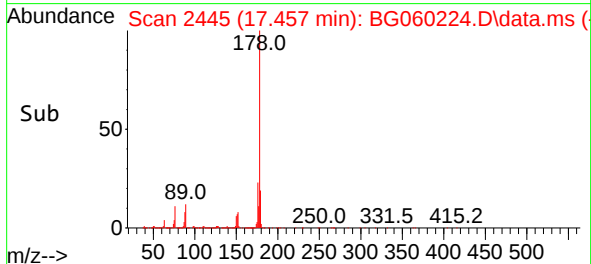
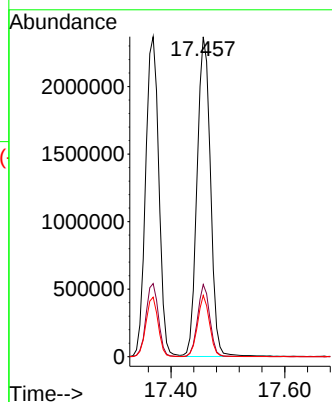
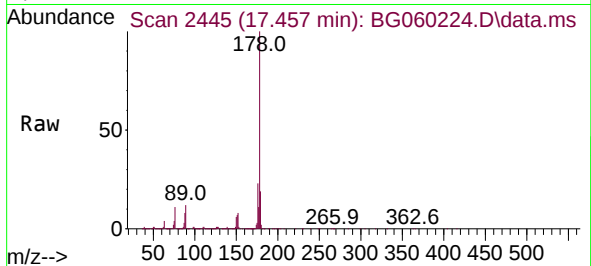
ClientSampleId :

PB157753BS

Tgt Ion:178 Resp: 388154
 Ion Ratio Lower Upper
 178 100
 176 22.6 16.2 24.2
 179 19.2 14.0 21.0

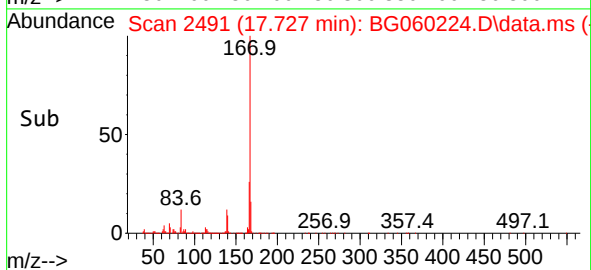
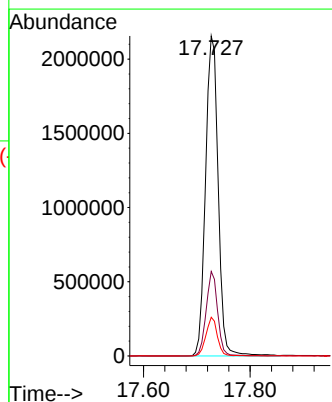
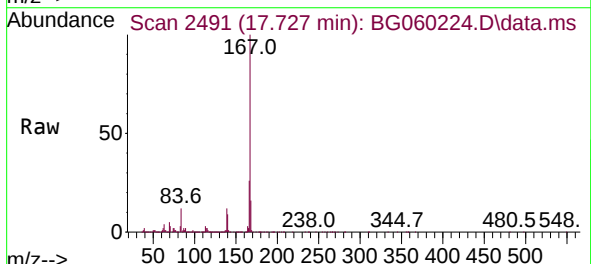
Manual Integrations
 APPROVED

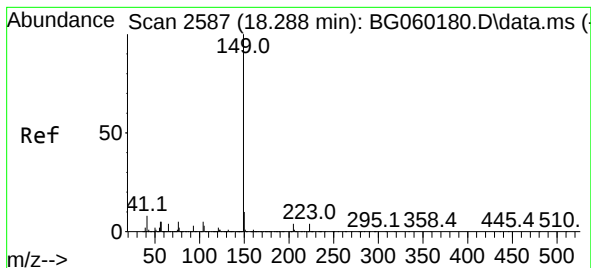
Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024



#73
 Carbazole
 Concen: 46.820 ng
 RT: 17.727 min Scan# 2491
 Delta R.T. -0.003 min
 Lab File: BG060224.D
 Acq: 3 Jan 2024 12:51

Tgt Ion:167 Resp: 3541977
 Ion Ratio Lower Upper
 167 100
 166 26.4 18.8 28.2
 139 12.1 8.8 13.2





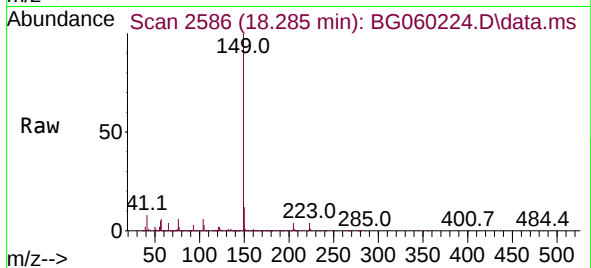
#74
Di-n-butylphthalate
Concen: 50.555 ng
RT: 18.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



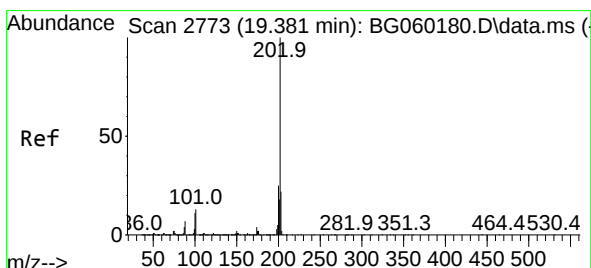
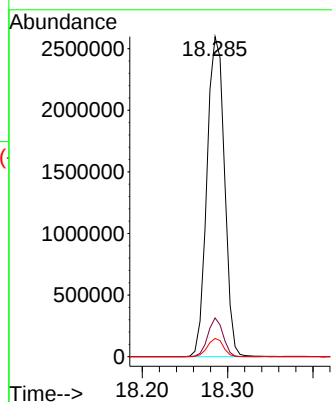
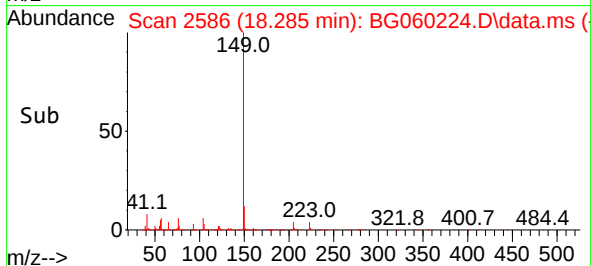
Tgt Ion:149 Resp: 3706274
Ion Ratio Lower Upper
149 100
150 12.1 8.3 12.5
104 5.7 4.2 6.4

Manual Integrations

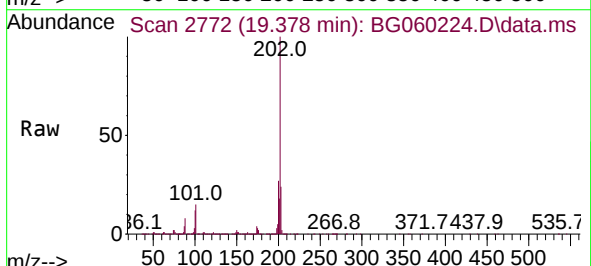
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

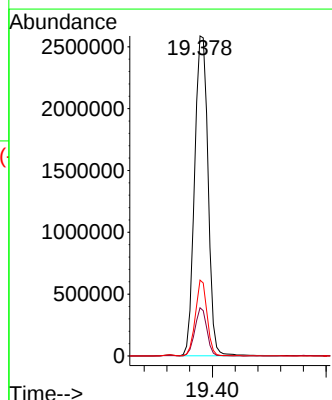
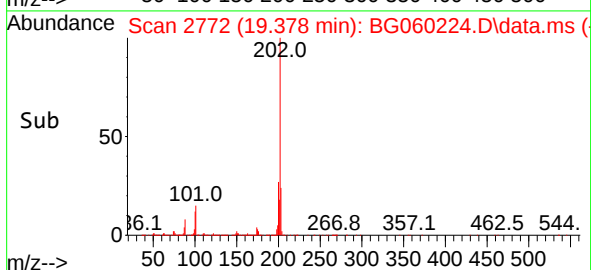
Supervised By :mohammad ahmed 01/04/2024

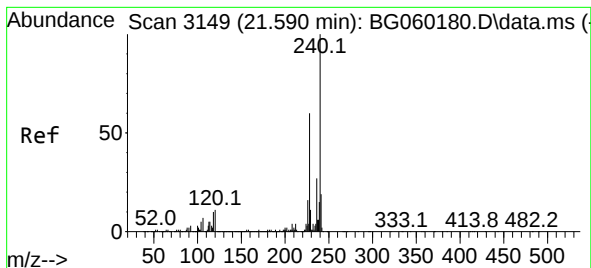


#75
Fluoranthene
Concen: 45.220 ng
RT: 19.378 min Scan# 2772
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion:202 Resp: 4259289
Ion Ratio Lower Upper
202 100
101 15.0 0.0 32.8
203 23.7 2.0 42.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.593 min Scan# 3149

Delta R.T. 0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

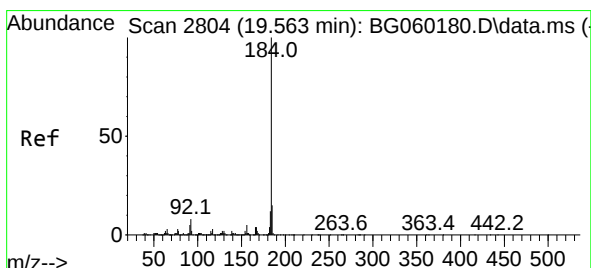
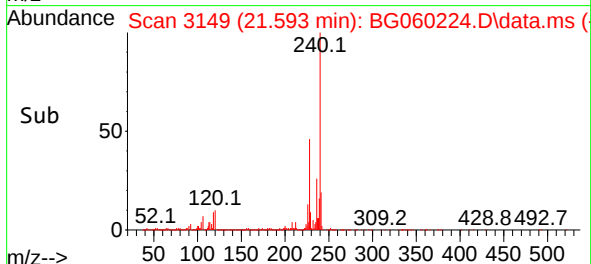
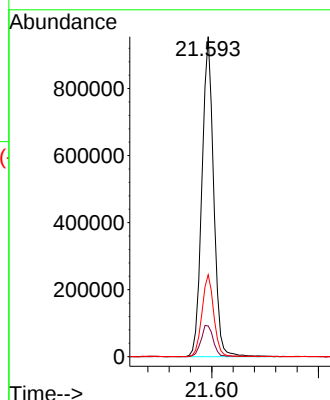
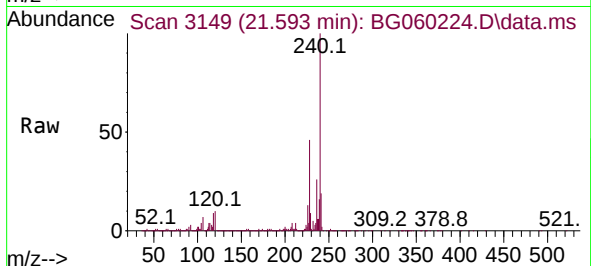
Tgt Ion:240 Resp: 145412
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.5 12.7
 236 25.6 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#77

Benzidine

Concen: 35.825 ng

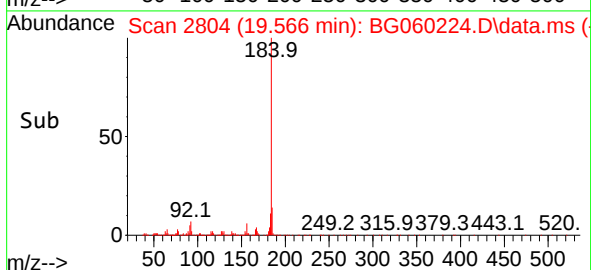
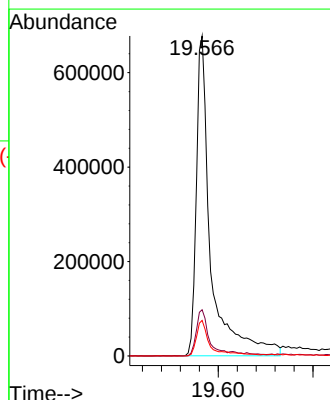
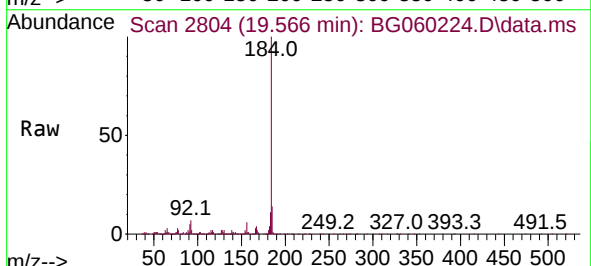
RT: 19.566 min Scan# 2804

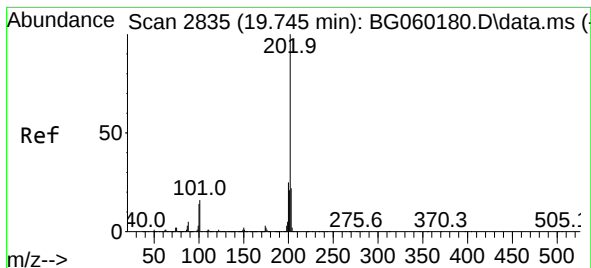
Delta R.T. 0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Tgt Ion:184 Resp: 1441782
 Ion Ratio Lower Upper
 184 100
 185 14.5 11.7 17.5
 183 11.1 9.4 14.2





#78

Pyrene

Concen: 44.587 ng

RT: 19.742 min Scan# 2835

Delta R.T. -0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

Tgt Ion:202 Resp: 435830

Ion Ratio Lower Upper

202 100

200 28.7 20.3 30.5

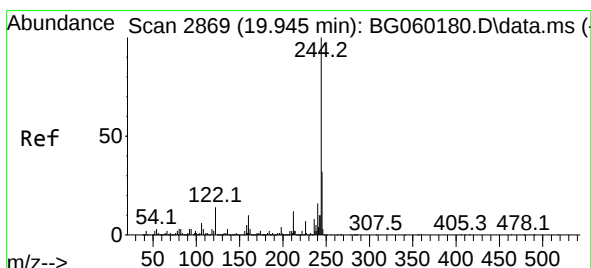
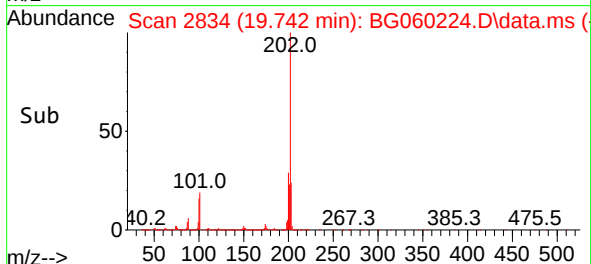
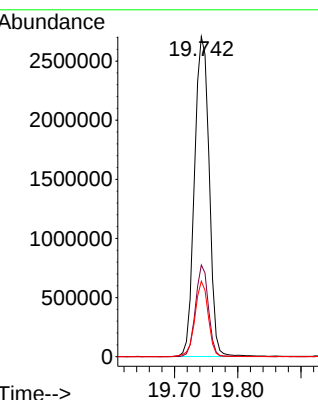
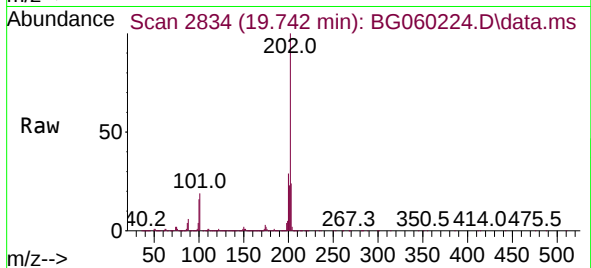
203 23.5 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#79

Terphenyl-d14

Concen: 72.321 ng

RT: 19.942 min Scan# 2868

Delta R.T. -0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

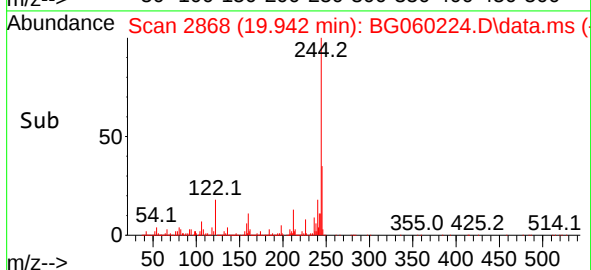
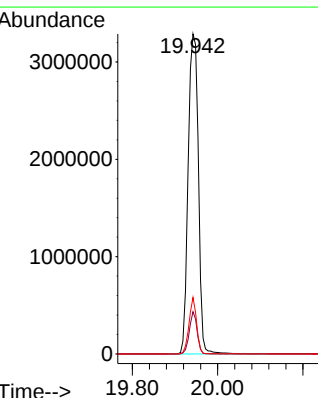
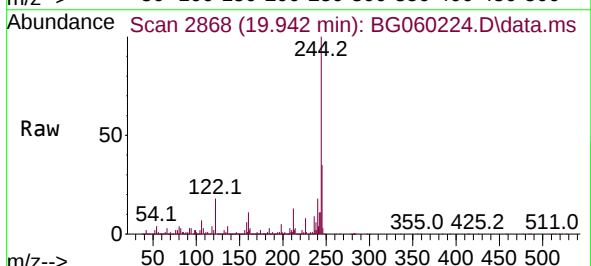
Tgt Ion:244 Resp: 5470198

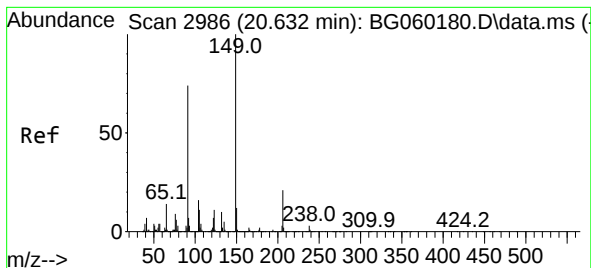
Ion Ratio Lower Upper

244 100

212 13.2 9.5 14.3

122 17.6 11.4 17.2#





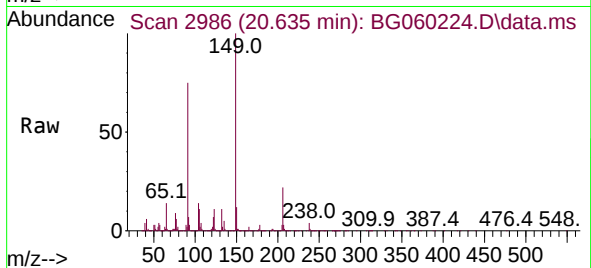
#80
Butylbenzylphthalate
Concen: 60.690 ng
RT: 20.635 min Scan# 2986
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



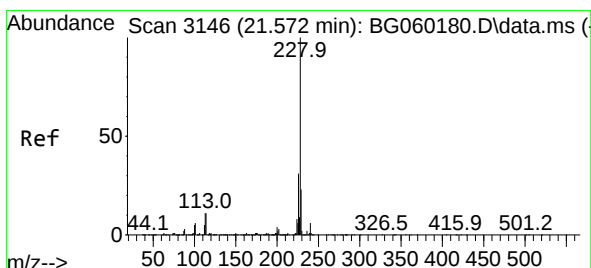
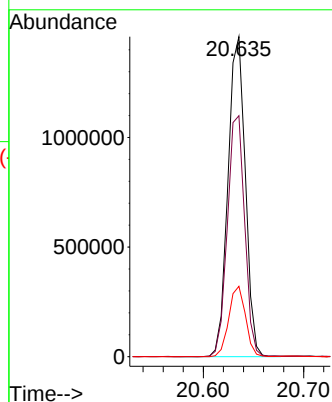
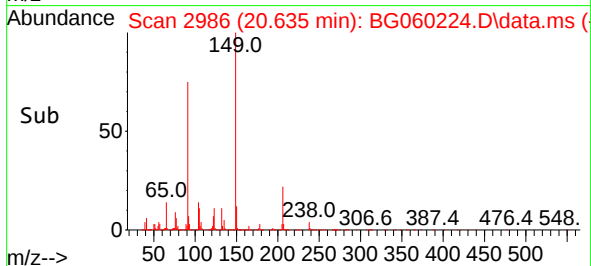
Tgt Ion:149 Resp: 1749209
Ion Ratio Lower Upper
149 100
91 75.3 59.4 89.2
206 22.0 16.6 25.0

Manual Integrations

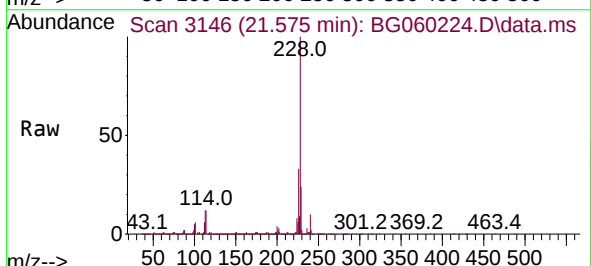
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

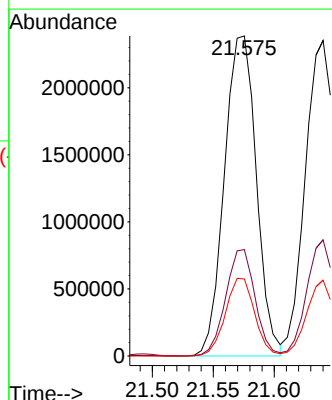
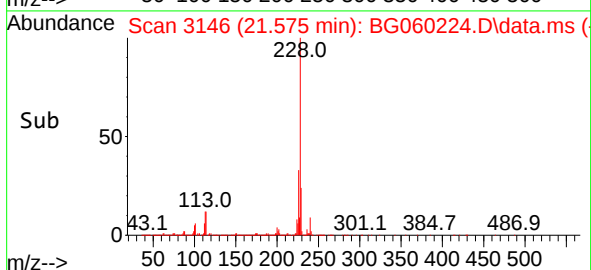
Supervised By :mohammad ahmed 01/04/2024

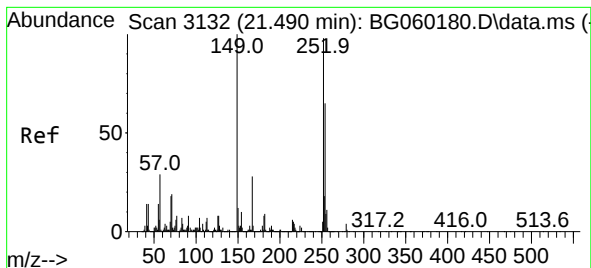


#81
Benzo(a)anthracene
Concen: 47.091 ng
RT: 21.575 min Scan# 3146
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



Tgt Ion:228 Resp: 4353721
Ion Ratio Lower Upper
228 100
226 33.3 24.6 36.8
229 24.1 18.4 27.6





#82

3,3'-Dichlorobenzidine

Concen: 45.607 ng

RT: 21.493 min Scan# 3132

Delta R.T. 0.003 min

Lab File: BG060224.D

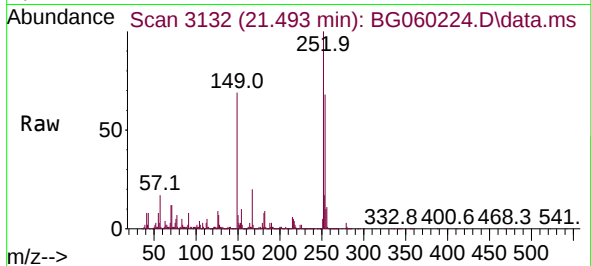
Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS



Tgt Ion:252 Resp: 153333

Ion Ratio Lower Upper

252 100

254 67.9 52.6 78.8

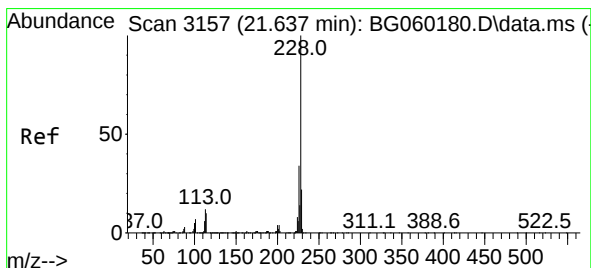
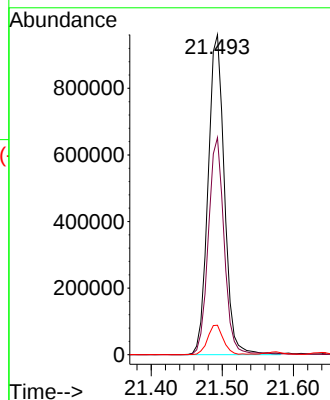
126 9.2 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#83

Chrysene

Concen: 46.204 ng

RT: 21.640 min Scan# 3157

Delta R.T. 0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

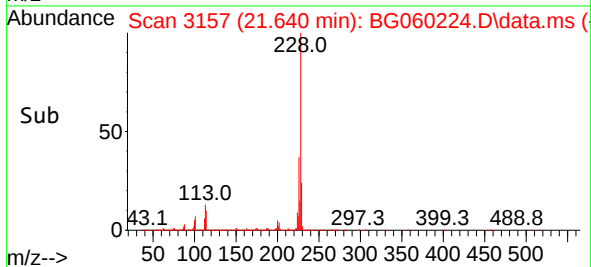
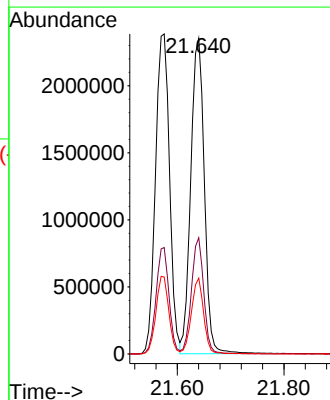
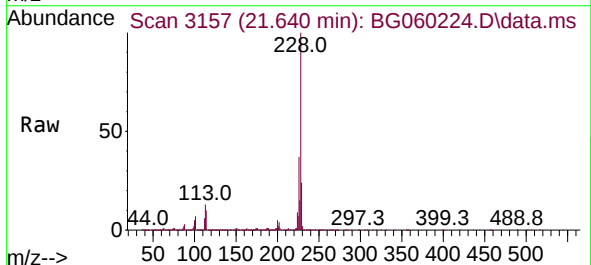
Tgt Ion:228 Resp: 4150051

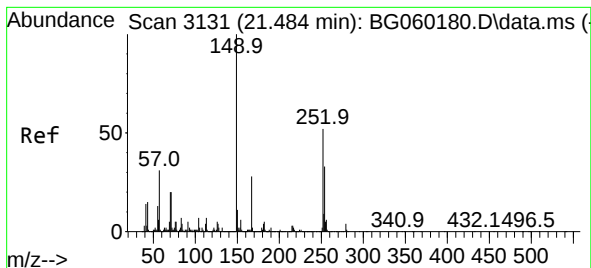
Ion Ratio Lower Upper

228 100

226 36.8 26.8 40.2

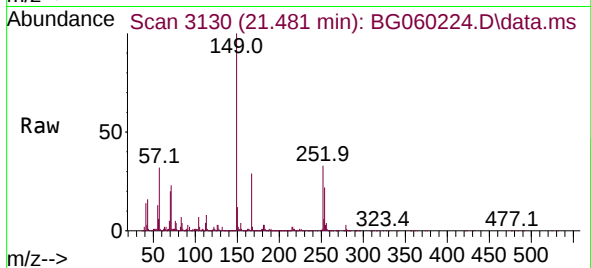
229 24.0 17.7 26.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 58.984 ng
RT: 21.481 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

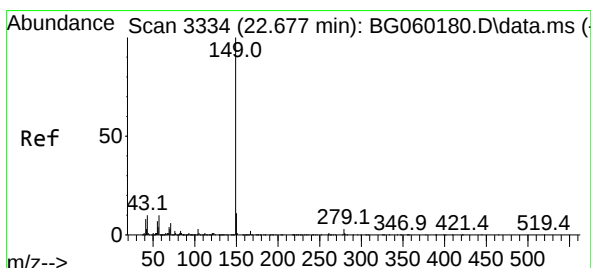
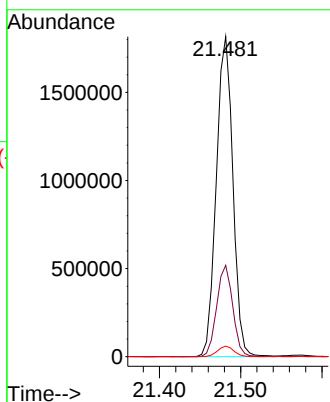
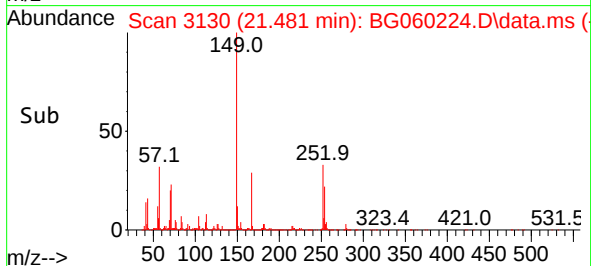
Instrument :
BNA_G
ClientSampleId :
PB157753BS



Tgt Ion:149 Resp: 257808
Ion Ratio Lower Upper
149 100
167 28.6 22.2 33.4
279 3.3 2.9 4.3

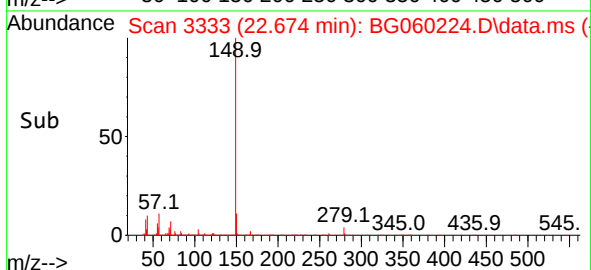
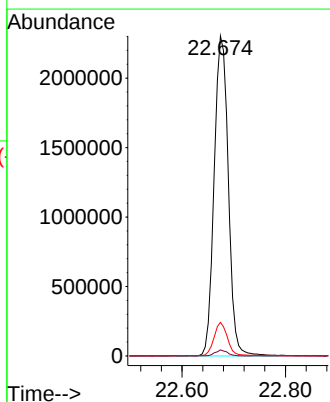
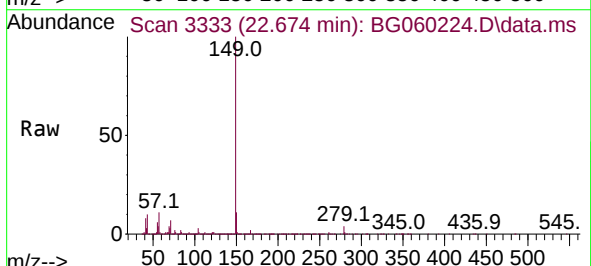
Manual Integrations
APPROVED

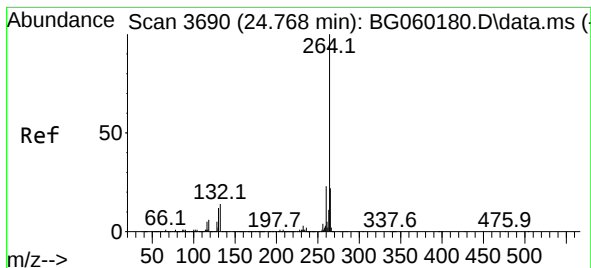
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#85
Di-n-octyl phthalate
Concen: 61.176 ng
RT: 22.674 min Scan# 3333
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

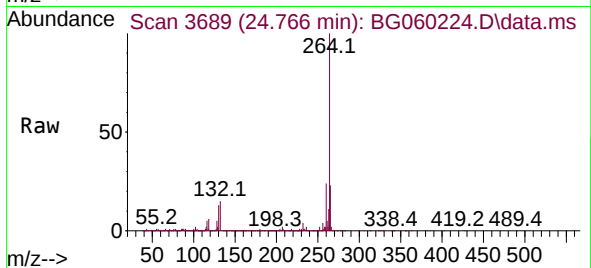
Tgt Ion:149 Resp: 4376903
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.766 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

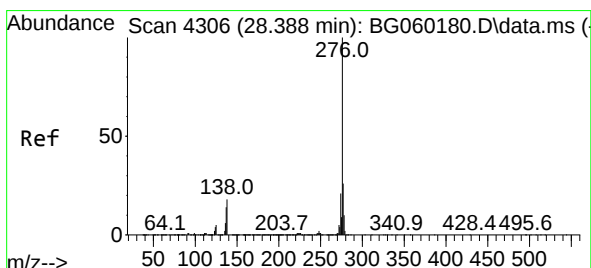
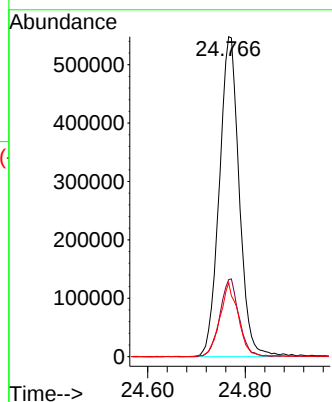
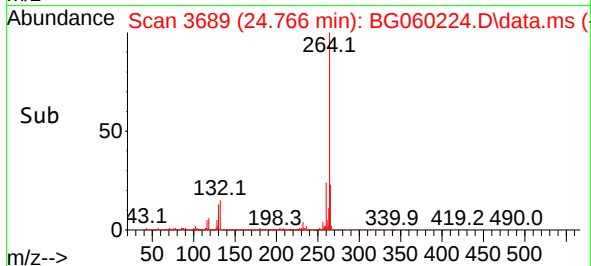
Instrument :
BNA_G
ClientSampleId :
PB157753BS



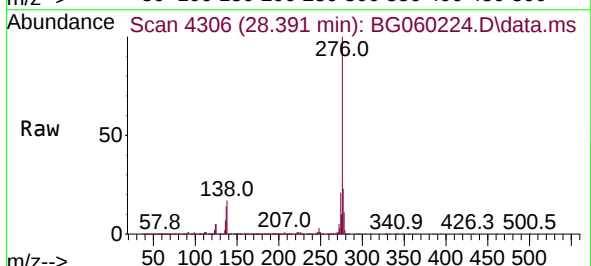
Tgt Ion:264 Resp: 1554210
Ion Ratio Lower Upper
264 100
260 24.1 18.0 27.0
265 23.1 17.4 26.0

Manual Integrations
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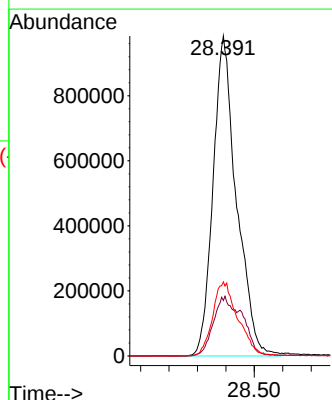
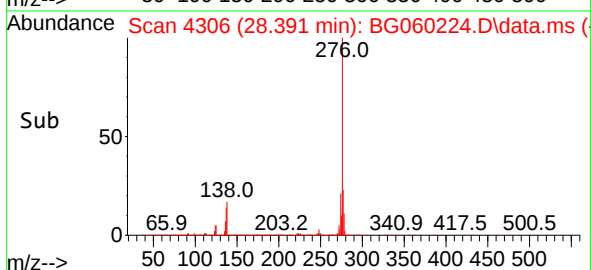
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

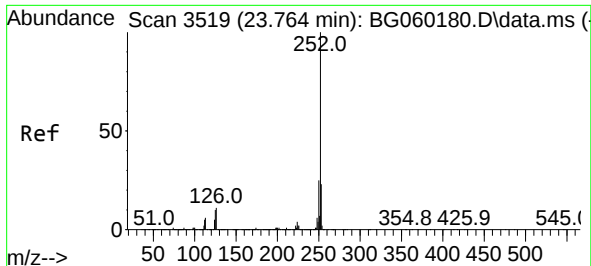


#87
Indeno(1,2,3-cd)pyrene
Concen: 51.396 ng
RT: 28.391 min Scan# 4306
Delta R.T. 0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51



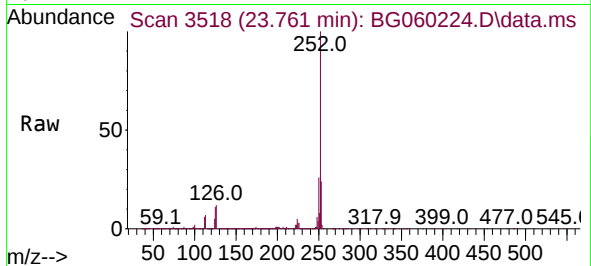
Tgt Ion:276 Resp: 5631748
Ion Ratio Lower Upper
276 100
138 16.2 18.0 27.0#
277 24.8 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 49.364 ng
RT: 23.761 min Scan# 3519
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

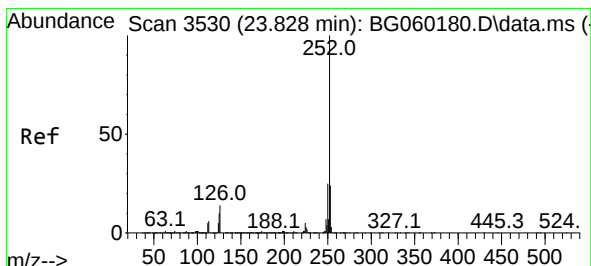
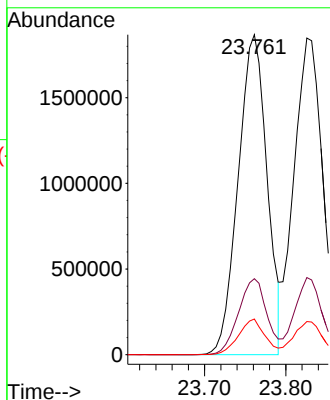
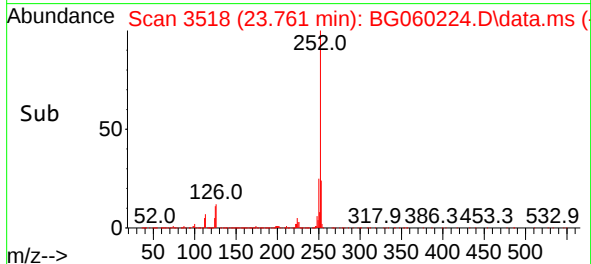
Instrument :
BNA_G
ClientSampleId :
PB157753BS



Tgt Ion:252 Resp: 4610569
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 11.2 8.0 12.0

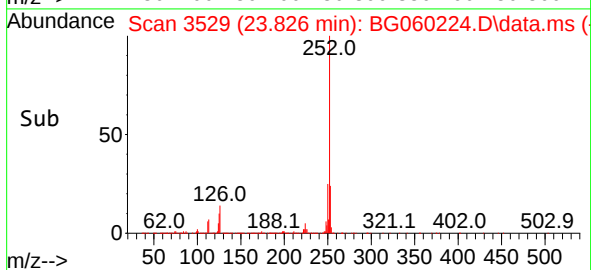
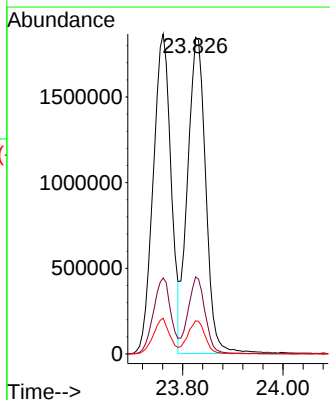
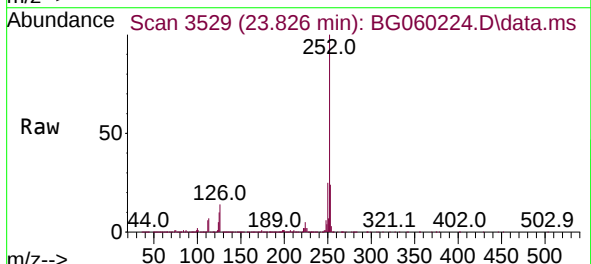
Manual Integrations
APPROVED

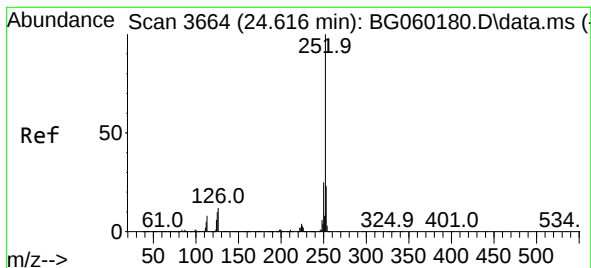
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#89
Benzo(k)fluoranthene
Concen: 49.362 ng
RT: 23.826 min Scan# 3529
Delta R.T. -0.003 min
Lab File: BG060224.D
Acq: 3 Jan 2024 12:51

Tgt Ion:252 Resp: 4640341
Ion Ratio Lower Upper
252 100
253 24.4 19.1 28.7
125 10.4 7.7 11.5





#90

Benzo(a)pyrene

Concen: 49.793 ng

RT: 24.619 min Scan# 30

Delta R.T. 0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

Instrument :

BNA_G

ClientSampleId :

PB157753BS

Tgt Ion:252 Resp: 420747

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

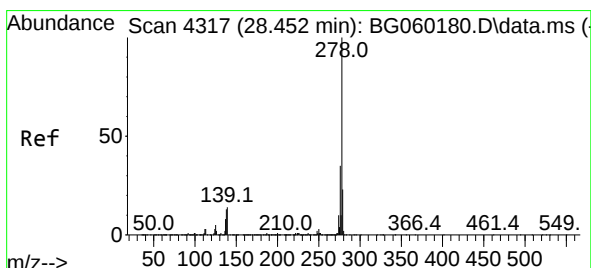
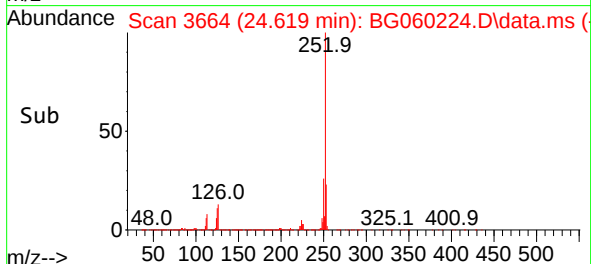
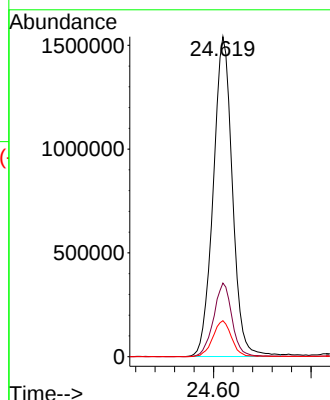
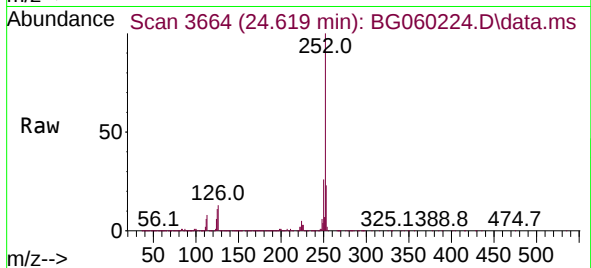
125 11.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#91

Dibenzo(a,h)anthracene

Concen: 51.934 ng

RT: 28.456 min Scan# 4317

Delta R.T. 0.003 min

Lab File: BG060224.D

Acq: 3 Jan 2024 12:51

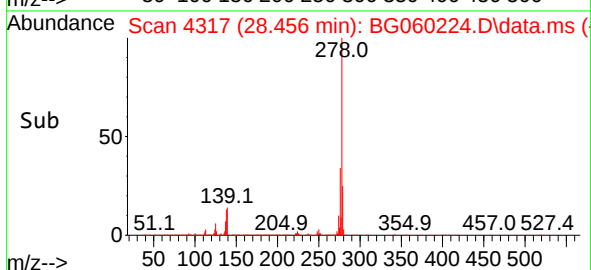
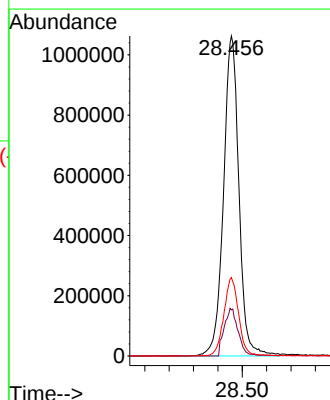
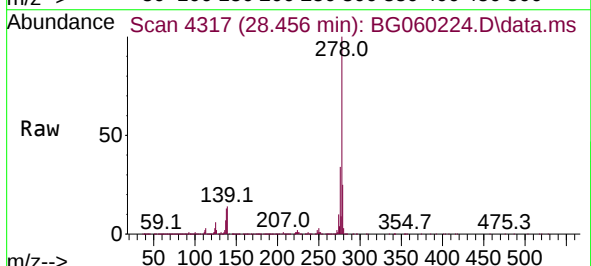
Tgt Ion:278 Resp: 4675828

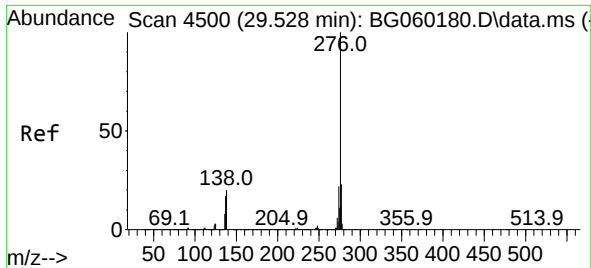
Ion Ratio Lower Upper

278 100

139 14.4 11.0 16.4

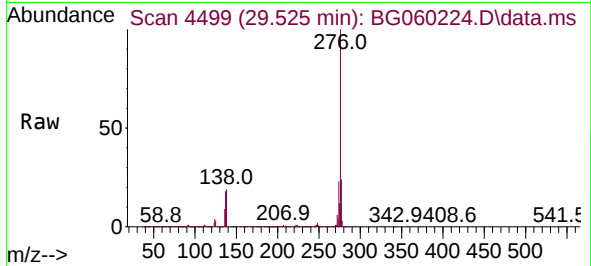
279 24.5 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 49.081 ng
 RT: 29.525 min Scan# 44
 Delta R.T. -0.003 min
 Lab File: BG060224.D
 Acq: 3 Jan 2024 12:51

Instrument :
 BNA_G
 ClientSampleId :
 PB157753BS



Tgt Ion:276 Resp: 4475925
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.7 28.1
 138 19.4 15.9 23.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

