

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060889.D
 Acq On : 13 Apr 2024 11:44
 Operator : MA/JU
 Sample : PB160200BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160200BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:14:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	44805	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	188590	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	159358	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	401521	20.000	ng	0.00
76) Chrysene-d12	21.598	240	365434	20.000	ng	0.00
86) Perylene-d12	24.741	264	411946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	321174	119.415	ng	0.00
7) Phenol-d6	7.121	99	478189	119.777	ng	0.00
23) Nitrobenzene-d5	9.107	82	298562	90.336	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	304303	168.219	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	819421	75.466	ng	-0.01
79) Terphenyl-d14	19.953	244	1668724	80.407	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	32790	29.736	ng	96
3) Pyridine	3.836	79	88180	26.511	ng	89
4) n-Nitrosodimethylamine	3.754	42	75843	38.146	ng	90
6) Aniline	7.274	93	112249	22.265	ng	94
8) 2-Chlorophenol	7.514	128	132863	43.574	ng	96
9) Benzaldehyde	7.091	77	20200m	9.176	ng	
10) Phenol	7.144	94	175274	43.018	ng	96
11) bis(2-Chloroethyl)ether	7.373	93	115316	35.055	ng	95
12) 1,3-Dichlorobenzene	7.843	146	127673	40.264	ng	97
13) 1,4-Dichlorobenzene	7.984	146	130587	40.367	ng	99
14) 1,2-Dichlorobenzene	8.302	146	125578	39.611	ng	100
15) Benzyl Alcohol	8.184	79	129833	40.148	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.472	45	285701	38.484	ng	100
17) 2-Methylphenol	8.390	107	115994	37.711	ng	94
18) Hexachloroethane	9.036	117	46069	40.097	ng	92
19) n-Nitroso-di-n-propyla...	8.754	70	109433	35.944	ng	# 99
20) 3+4-Methylphenols	8.719	107	166611	39.557	ng	94
22) Acetophenone	8.766	105	205816	39.579	ng	97
24) Nitrobenzene	9.148	77	152347	41.792	ng	96
25) Isophorone	9.671	82	289835	38.074	ng	100
26) 2-Nitrophenol	9.859	139	69473	52.825	ng	94
27) 2,4-Dimethylphenol	9.923	122	101149	33.078	ng	99
28) bis(2-Chloroethoxy)met...	10.158	93	168720	37.542	ng	99
29) 2,4-Dichlorophenol	10.399	162	135276	48.175	ng	97
30) 1,2,4-Trichlorobenzene	10.611	180	137762	43.326	ng	99
31) Naphthalene	10.799	128	396194	38.836	ng	99
32) Benzoic acid	10.059	122	103371	50.409	ng	96
33) 4-Chloroaniline	10.899	127	80646	17.020	ng	97
34) Hexachlorobutadiene	11.093	225	99258	46.840	ng	96
35) Caprolactam	11.668	113	49824m	44.800	ng	
36) 4-Chloro-3-methylphenol	12.033	107	165259	46.070	ng	99
37) 2-Methylnaphthalene	12.409	142	292745	39.032	ng	98
38) 1-Methylnaphthalene	12.626	142	275176	38.837	ng	95
40) 1,2,4,5-Tetrachloroben...	12.773	216	193139	42.157	ng	99
41) Hexachlorocyclopentadiene	12.755	237	210834	90.505	ng	98
43) 2,4,6-Trichlorophenol	13.014	196	143263	48.564	ng	96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.090	196	159214	45.225	ng	96
46) 1,1'-Biphenyl	13.419	154	434727	38.622	ng	99
47) 2-Chloronaphthalene	13.460	162	337922	39.514	ng	98
48) 2-Nitroaniline	13.654	65	133750	48.203	ng	97
49) Acenaphthylene	14.307	152	577783	40.209	ng	99
50) Dimethylphthalate	14.042	163	497670	39.511	ng	100
51) 2,6-Dinitrotoluene	14.154	165	100480	44.805	ng	97
52) Acenaphthene	14.647	154	407969m	45.219	ng	
53) 3-Nitroaniline	14.483	138	70896	29.806	ng	# 99
54) 2,4-Dinitrophenol	14.694	184	135693	154.770	ng	92
55) Dibenzofuran	14.982	168	552408	38.817	ng	98
56) 4-Nitrophenol	14.800	139	188771	102.517	ng	96
57) 2,4-Dinitrotoluene	14.947	165	151800	51.341	ng	88
58) Fluorene	15.634	166	456758	39.991	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.211	232	152124	49.584	ng	98
60) Diethylphthalate	15.411	149	501208	39.551	ng	99
61) 4-Chlorophenyl-phenyle...	15.628	204	248615	41.145	ng	94
62) 4-Nitroaniline	15.646	138	114566	49.748	ng	94
63) Azobenzene	15.922	77	462011	37.414	ng	97
65) 4,6-Dinitro-2-methylph...	15.711	198	95263	56.100	ng	99
66) n-Nitrosodiphenylamine	15.840	169	436036	38.002	ng	96
67) 4-Bromophenyl-phenylether	16.522	248	177530	43.567	ng	97
68) Hexachlorobenzene	16.639	284	202891	44.106	ng	96
69) Atrazine	16.798	200	175728	43.796	ng	97
70) Pentachlorophenol	16.980	266	274043	91.301	ng	98
71) Phenanthrene	17.374	178	797799	38.205	ng	99
72) Anthracene	17.468	178	828854	39.083	ng	99
73) Carbazole	17.732	167	739821	39.566	ng	99
74) Di-n-butylphthalate	18.308	149	892229	38.274	ng	99
75) Fluoranthene	19.389	202	1005239	39.671	ng	97
77) Benzidine	19.565	184	212542	22.088	ng	98
78) Pyrene	19.747	202	1027214	40.192	ng	98
80) Butylbenzylphthalate	20.646	149	382021	40.976	ng	99
81) Benzo(a)anthracene	21.580	228	1034847	40.174	ng	98
82) 3,3'-Dichlorobenzidine	21.492	252	256631	29.506	ng	97
83) Chrysene	21.645	228	977342	39.364	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	557943	37.547	ng	# 97
85) Di-n-octyl phthalate	22.703	149	963163	39.787	ng	99
87) Indeno(1,2,3-cd)pyrene	28.302	276	1231117	42.439	ng	97
88) Benzo(b)fluoranthene	23.748	252	1003689	42.410	ng	98
89) Benzo(k)fluoranthene	23.813	252	992861	40.988	ng	98
90) Benzo(a)pyrene	24.594	252	933175	40.575	ng	97
91) Dibenzo(a,h)anthracene	28.378	278	1020876	41.746	ng	# 95
92) Benzo(g,h,i)perylene	29.418	276	946648	39.795	ng	98

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

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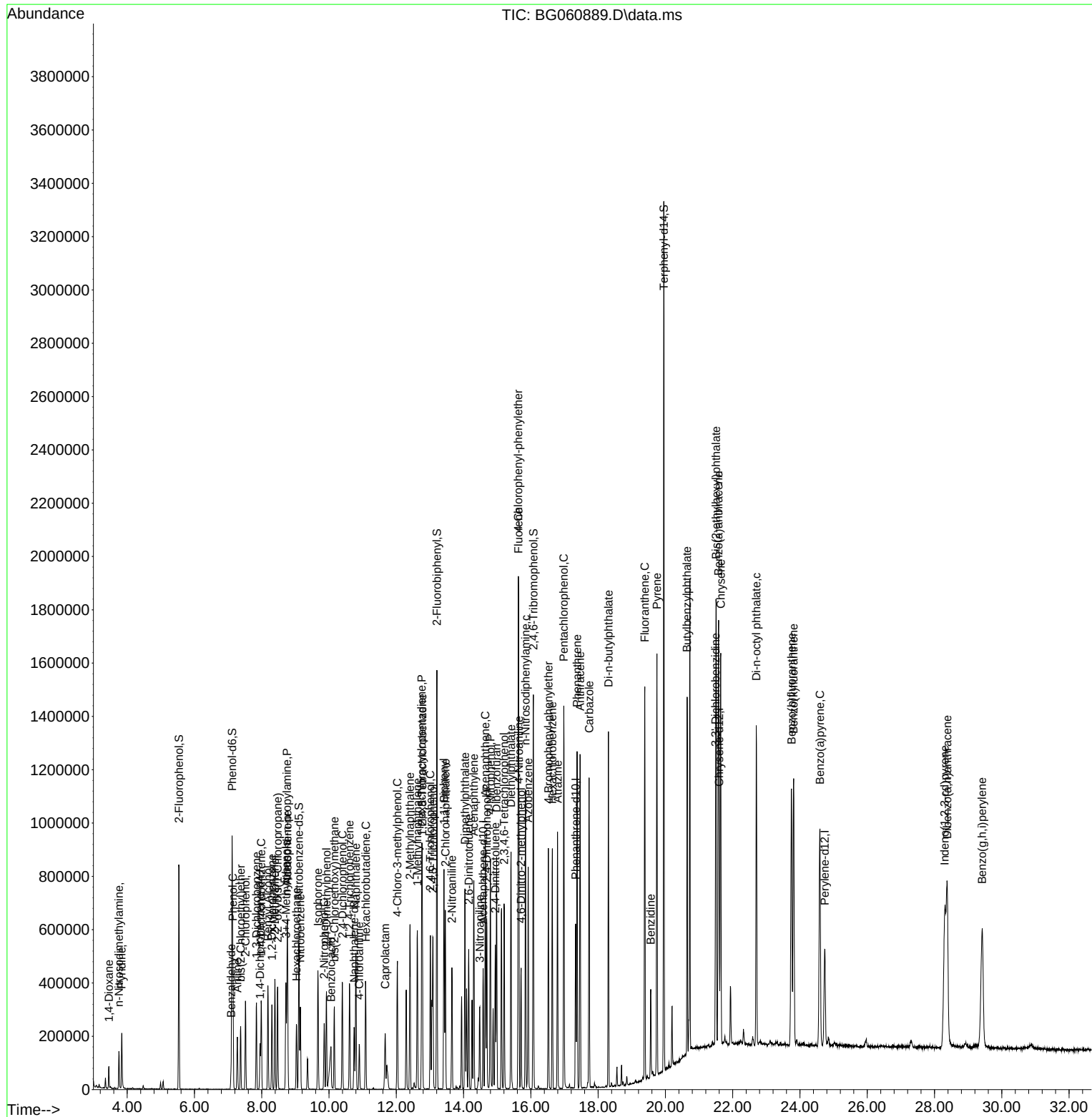
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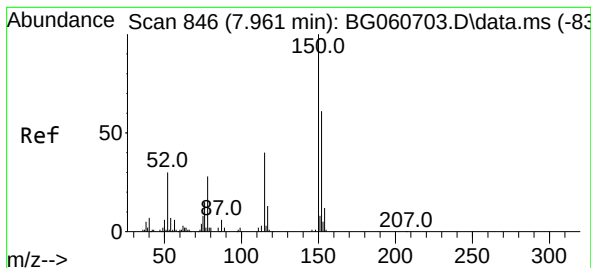
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

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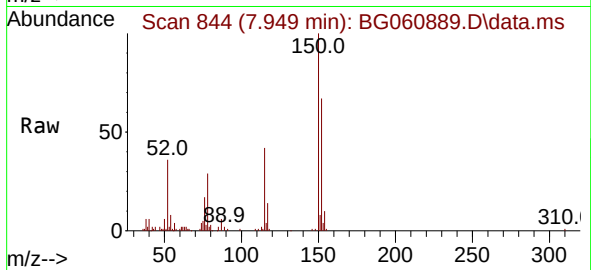
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.949 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

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PB160200BS



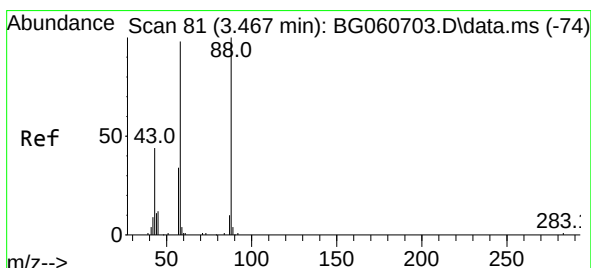
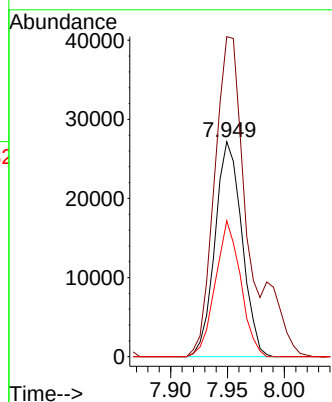
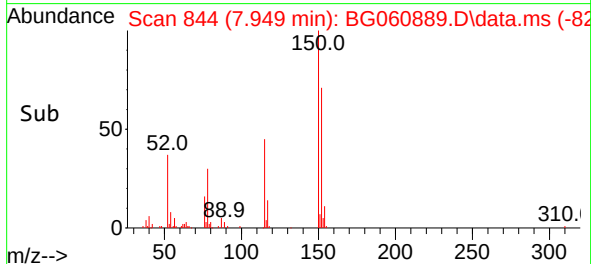
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 Ion Ratio Lower Upper
 152 100
 150 148.8 130.2 195.4
 115 63.2 51.6 77.4

Manual Integrations

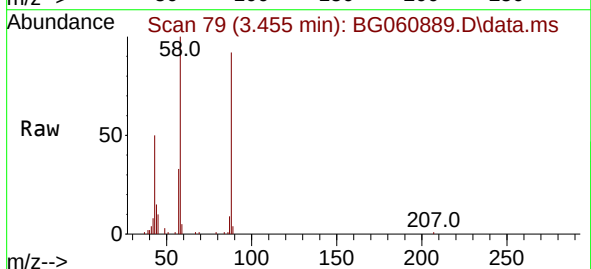
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

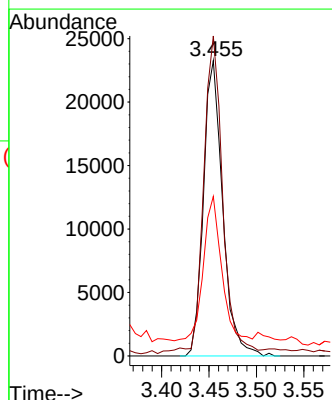
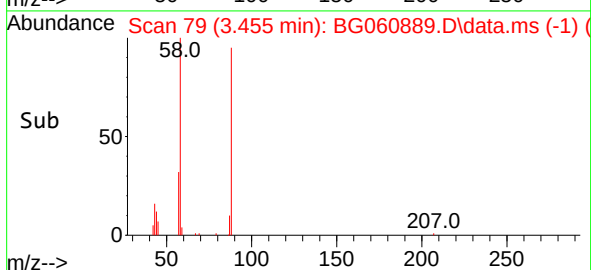
Supervised By :mohammad ahmed 04/17/2024

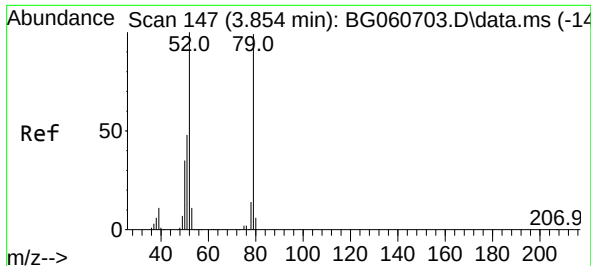


#2
 1,4-Dioxane
 Concen: 29.736 ng
 RT: 3.455 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44



Tgt Ion: 88 Resp: 32790
 Ion Ratio Lower Upper
 88 100
 58 106.1 80.9 121.3
 43 45.9 35.4 53.0





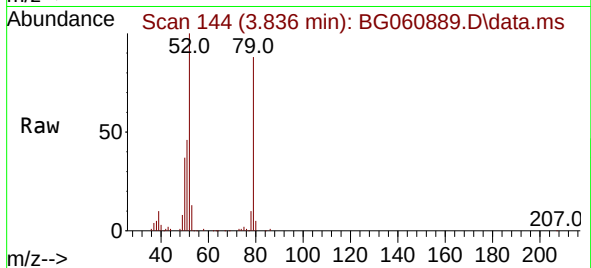
#3
Pyridine
Concen: 26.511 ng
RT: 3.836 min Scan# 147
Delta R.T. -0.018 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

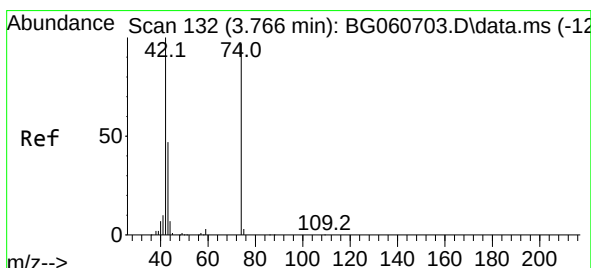
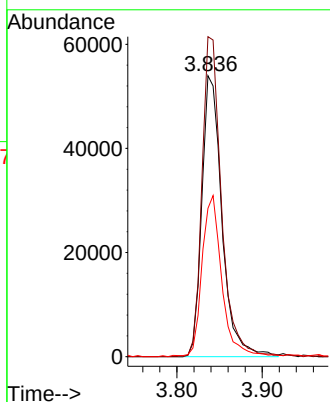
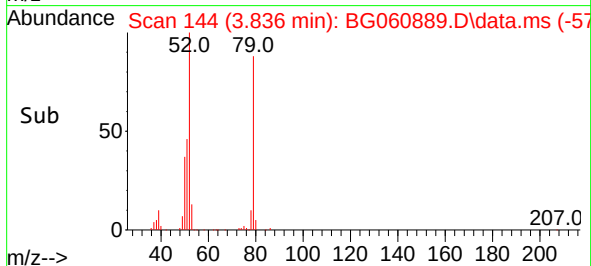
PB160200BS



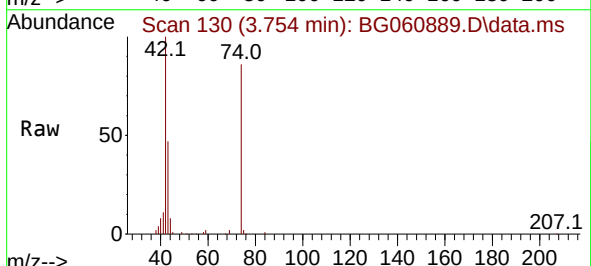
Tgt Ion: 79 Resp: 88180
Ion Ratio Lower Upper
79 100
52 113.9 80.6 120.8
51 52.8 39.1 58.7

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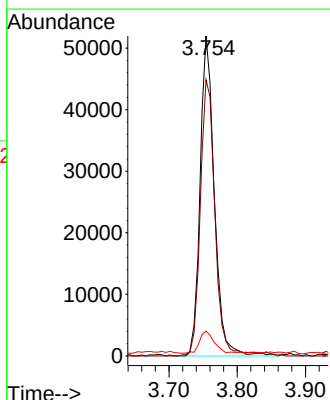
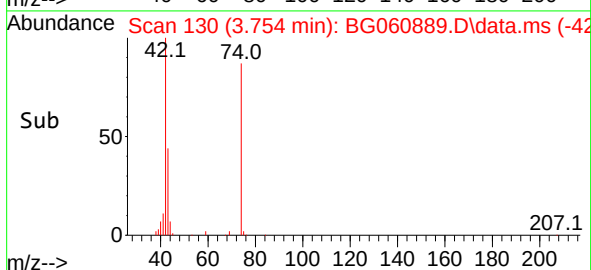
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

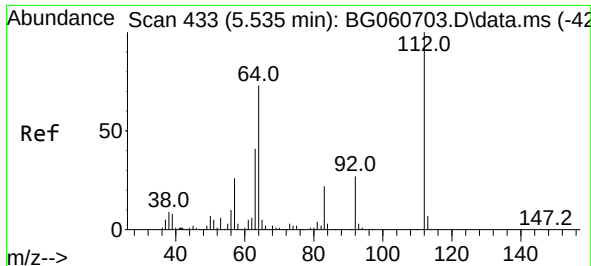


#4
n-Nitrosodimethylamine
Concen: 38.146 ng
RT: 3.754 min Scan# 130
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44



Tgt Ion: 42 Resp: 75843
Ion Ratio Lower Upper
42 100
74 86.3 77.8 116.8
44 7.8 6.8 10.2





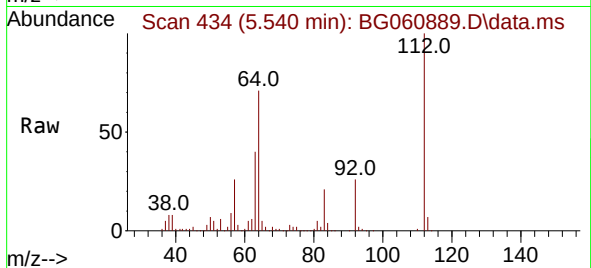
#5
2-Fluorophenol
Concen: 119.415 ng
RT: 5.540 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

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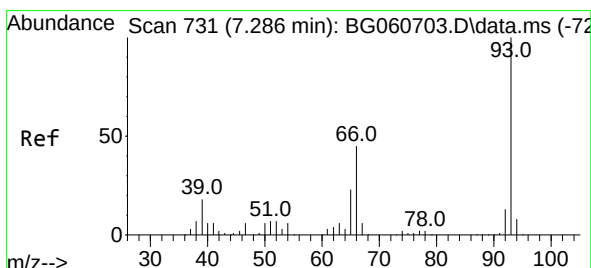
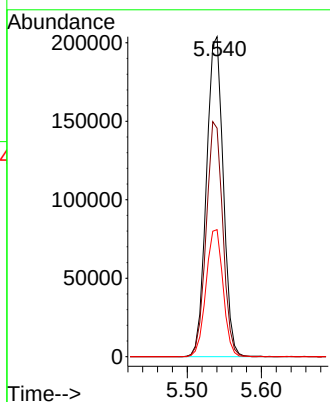
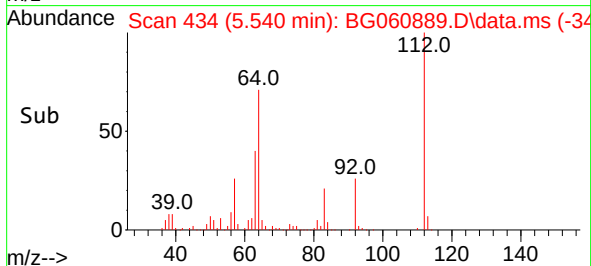
Tgt Ion:112 Resp: 321174
Ion Ratio Lower Upper
112 100
64 71.4 58.4 87.6
63 39.7 32.7 49.1

Manual Integrations

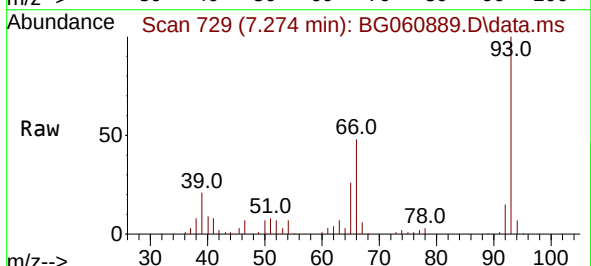
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

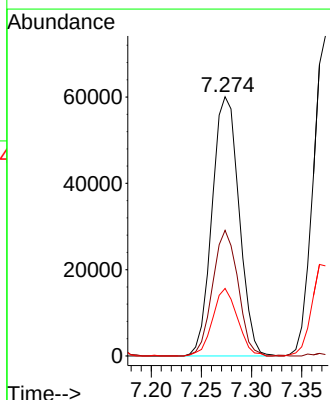
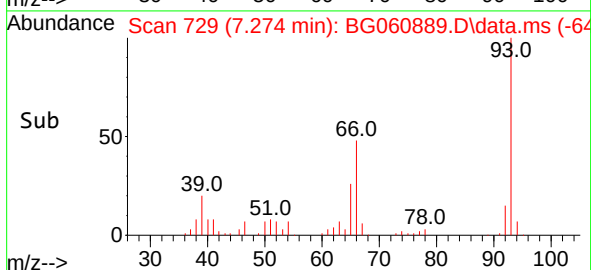
Supervised By :mohammad ahmed 04/17/2024

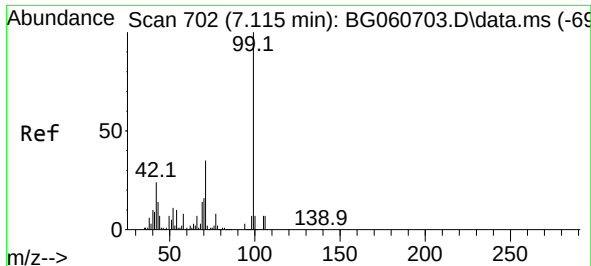


#6
Aniline
Concen: 22.265 ng
RT: 7.274 min Scan# 729
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44



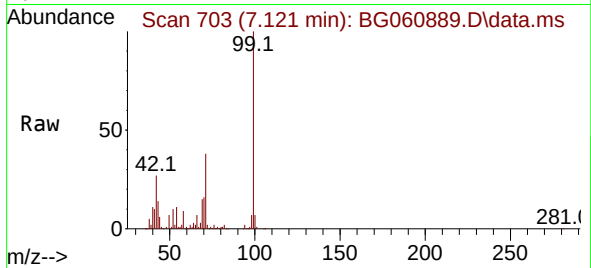
Tgt Ion: 93 Resp: 112249
Ion Ratio Lower Upper
93 100
66 48.4 36.1 54.1
65 26.0 18.1 27.1





#7
Phenol-d6
Concen: 119.777 ng
RT: 7.121 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

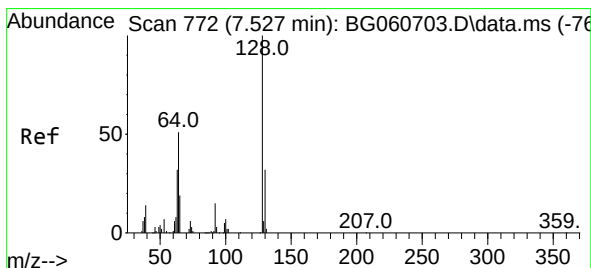
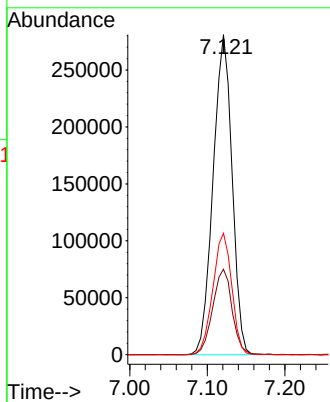
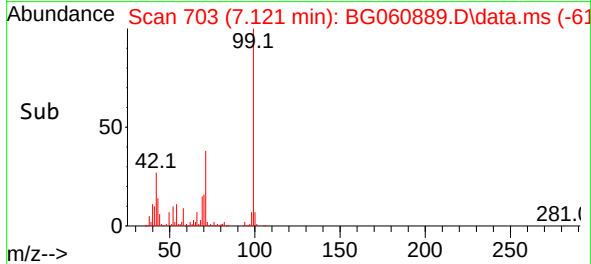
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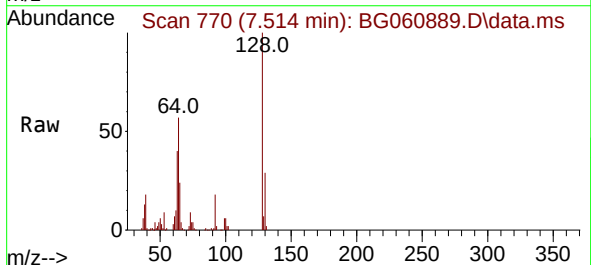
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Ion Ratio Lower Upper
99 100
42 26.7 19.4 29.2
71 37.9 28.2 42.2

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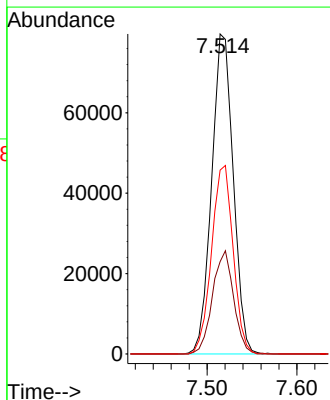
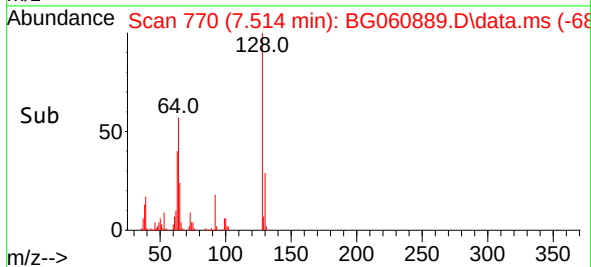
Reviewed By :Yogesh Patel 04/16/2024
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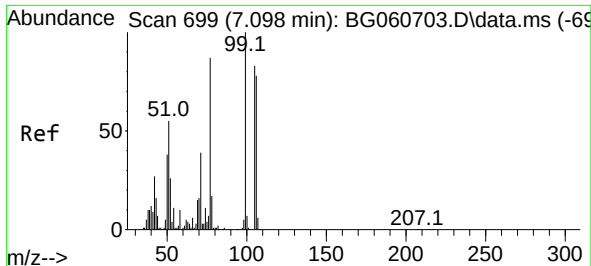


#8
2-Chlorophenol
Concen: 43.574 ng
RT: 7.514 min Scan# 770
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44



Tgt Ion:128 Resp: 132863
Ion Ratio Lower Upper
128 100
130 28.8 12.3 52.3
64 57.4 35.0 75.0





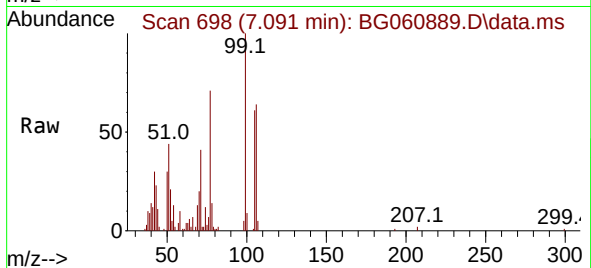
#9
Benzaldehyde
Concen: 9.176 ng m
RT: 7.091 min Scan# 699
Delta R.T. -0.007 min
Lab File: BG060889.D
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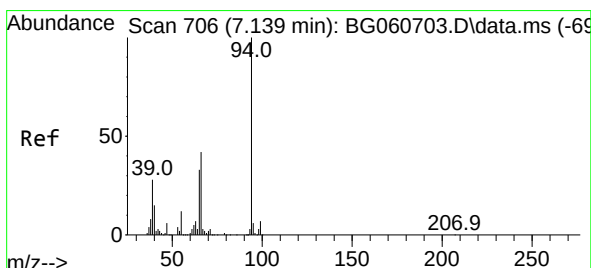
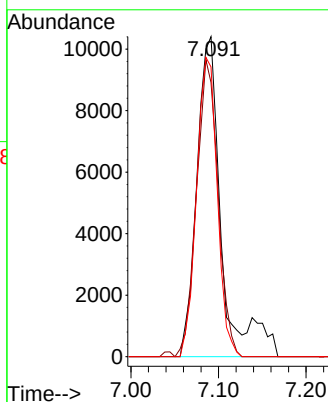
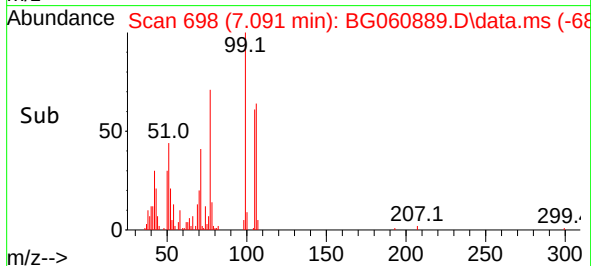
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Ion Ratio Lower Upper
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106 90.5 70.3 110.3

Manual Integrations

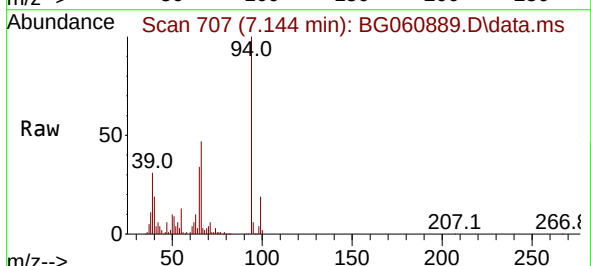
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

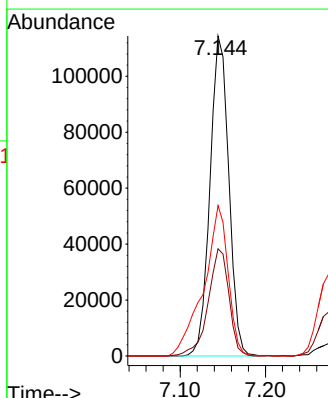
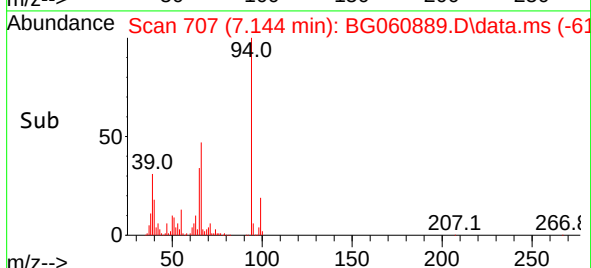
Supervised By :mohammad ahmed 04/17/2024

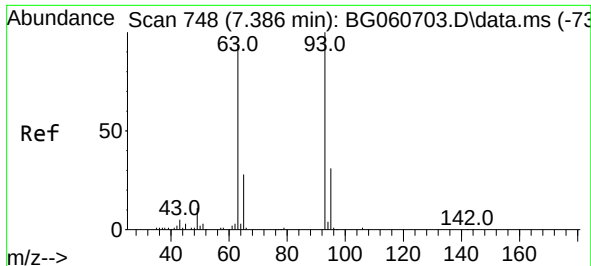


#10
Phenol
Concen: 43.018 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44



Tgt Ion: 94 Resp: 175274
Ion Ratio Lower Upper
94 100
65 33.5 13.3 53.3
66 47.0 22.9 62.9





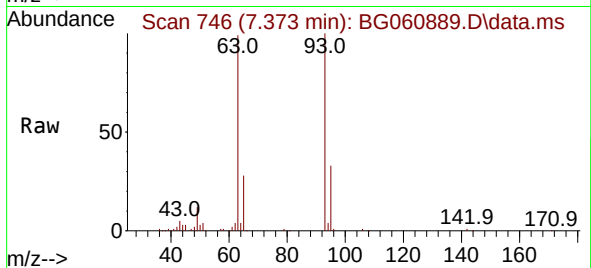
#11
bis(2-Chloroethyl)ether
Concen: 35.055 ng
RT: 7.373 min Scan# 748
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

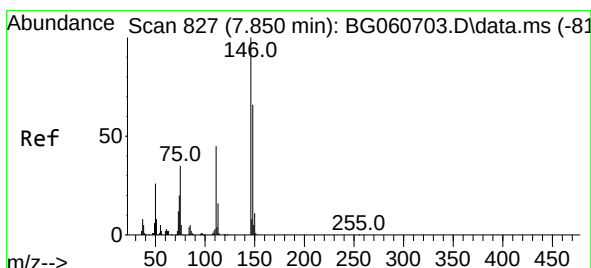
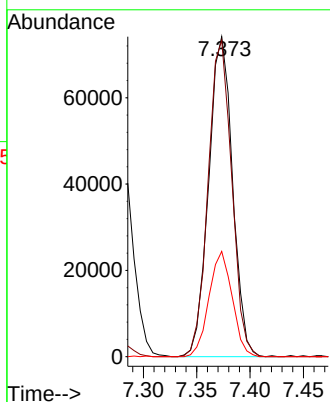
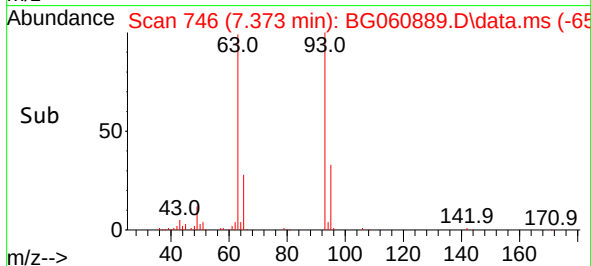


Tgt Ion: 93 Resp: 115310
Ion Ratio Lower Upper
93 100
63 98.9 73.7 113.7
95 32.9 11.2 51.2

Manual Integrations

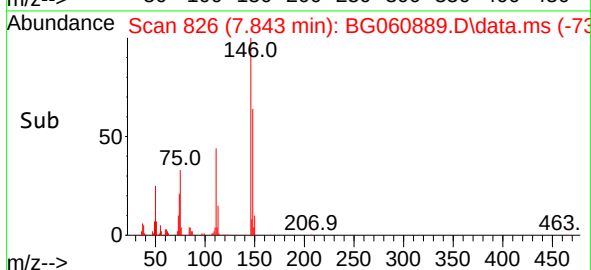
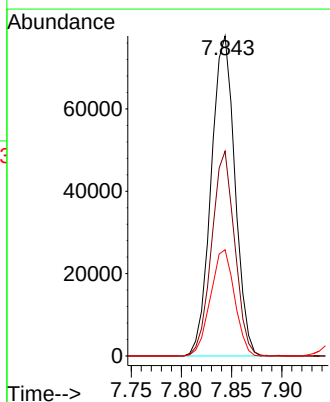
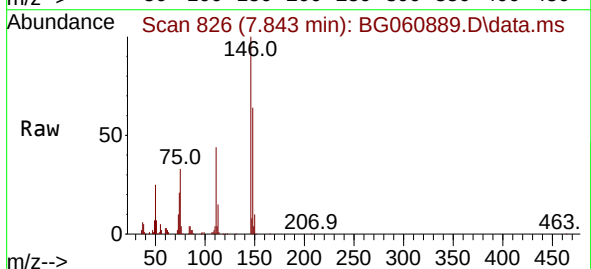
APPROVED

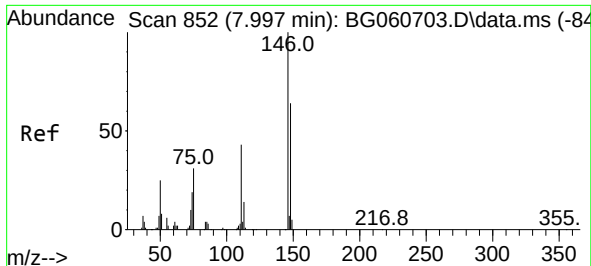
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#12
1,3-Dichlorobenzene
Concen: 40.264 ng
RT: 7.843 min Scan# 826
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:146 Resp: 127673
Ion Ratio Lower Upper
146 100
148 64.0 53.0 79.4
75 33.2 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 40.367 ng

RT: 7.984 min Scan# 80

Delta R.T. -0.012 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

Tgt Ion:146 Resp: 13058

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

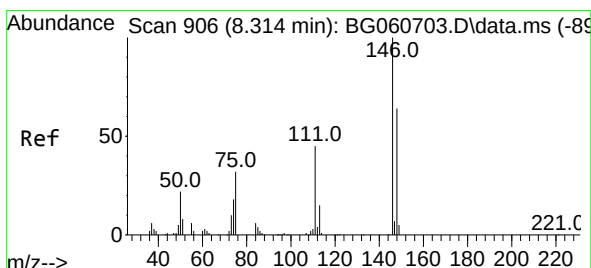
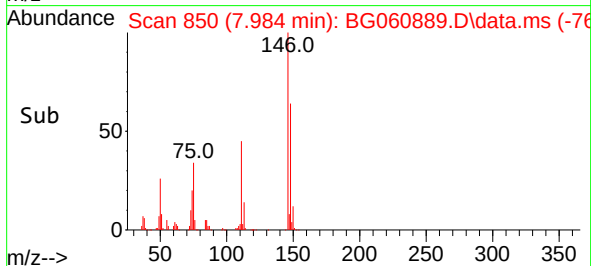
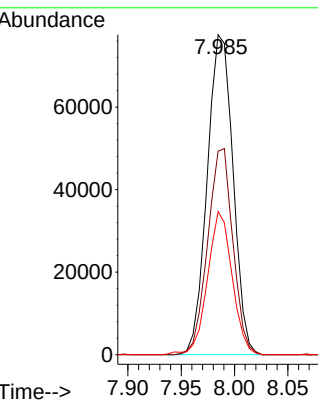
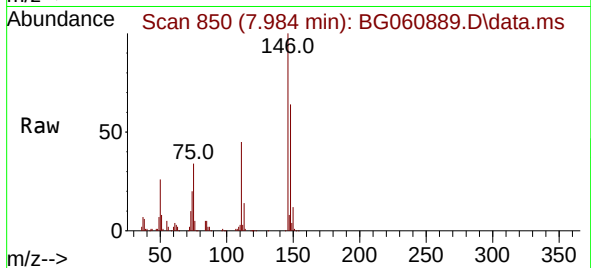
111 44.7 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#14

1,2-Dichlorobenzene

Concen: 39.611 ng

RT: 8.302 min Scan# 904

Delta R.T. -0.012 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

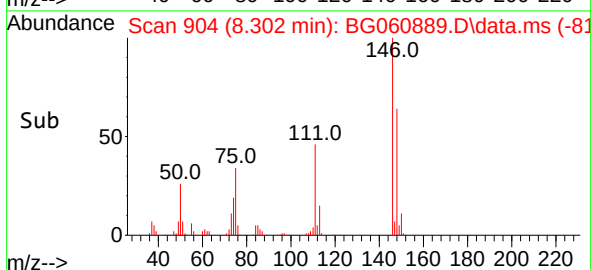
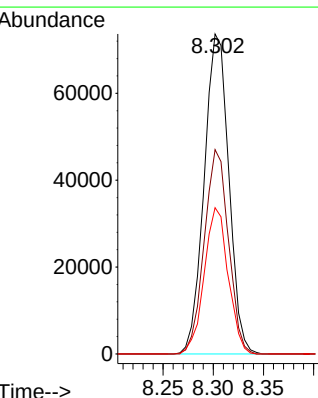
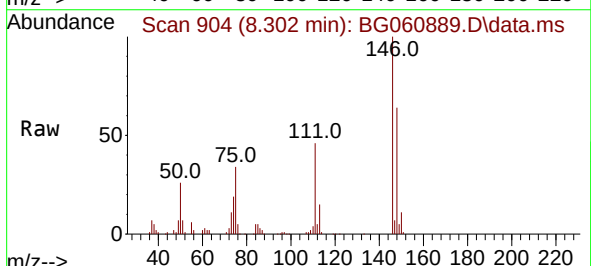
Tgt Ion:146 Resp: 125578

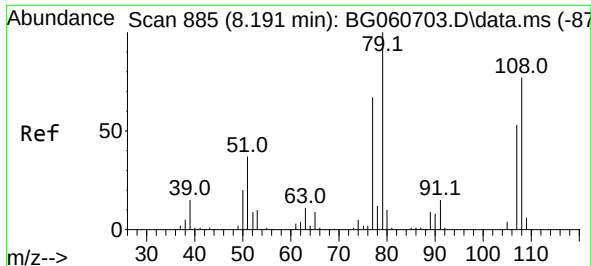
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 45.7 36.0 54.0





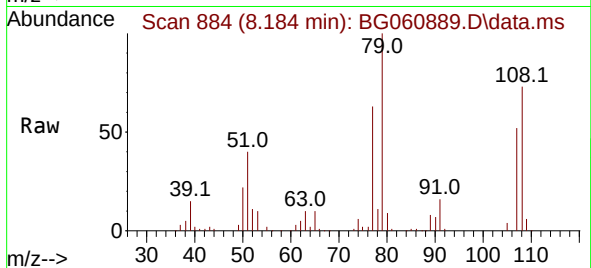
#15
Benzyl Alcohol
Concen: 40.148 ng
RT: 8.184 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

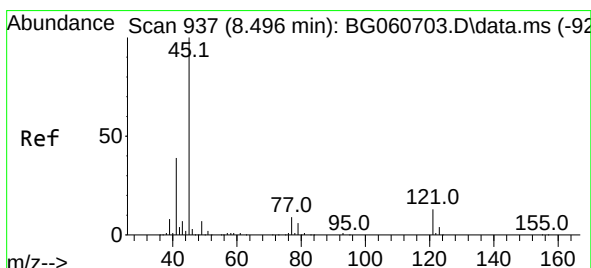
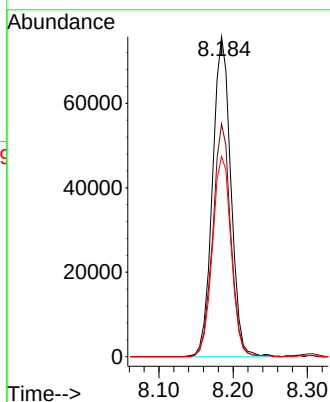
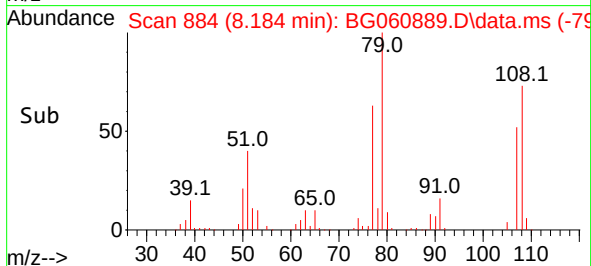
PB160200BS



Tgt Ion: 79 Resp: 12983
Ion Ratio Lower Upper
79 100
108 72.7 61.4 92.0
77 62.6 53.6 80.4

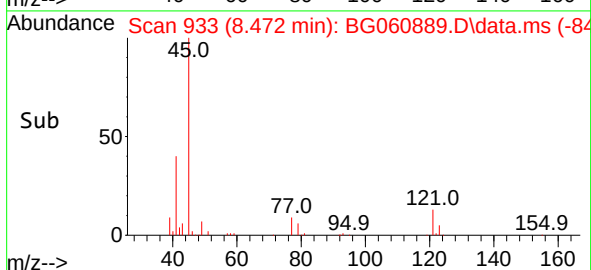
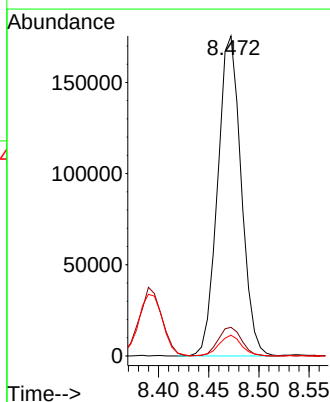
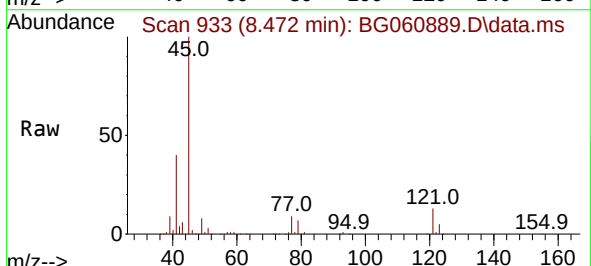
Manual Integrations
APPROVED

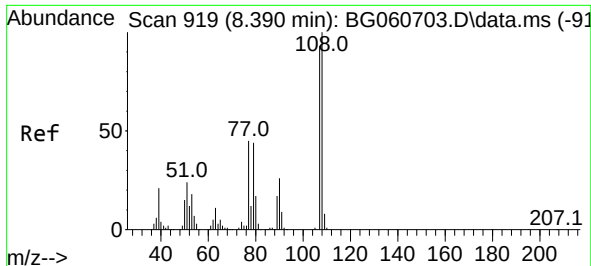
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.484 ng
RT: 8.472 min Scan# 933
Delta R.T. -0.024 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion: 45 Resp: 285701
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.1
79 6.5 0.0 26.5





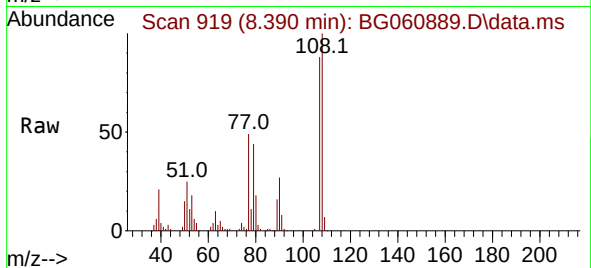
#17
2-Methylphenol
Concen: 37.711 ng
RT: 8.390 min Scan# 919
Delta R.T. -0.000 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS



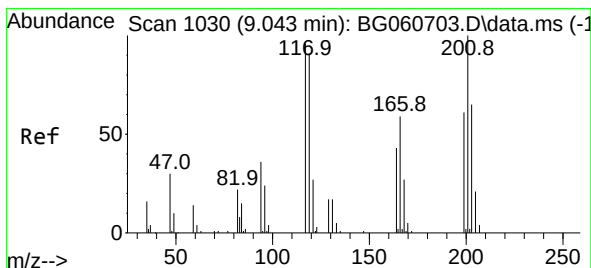
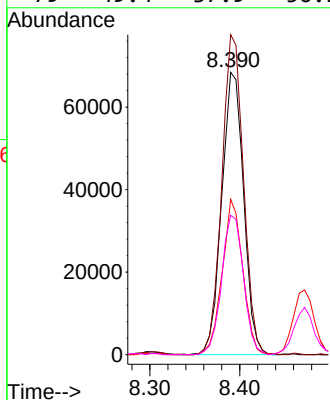
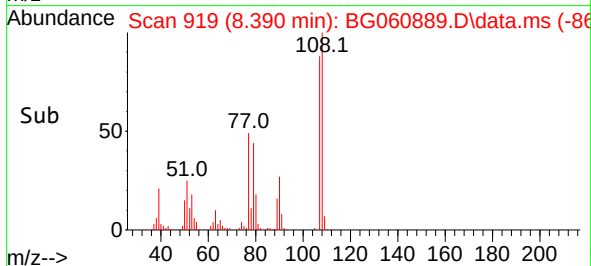
Tgt Ion:	107	Resp:	115994
Ion Ratio	Lower	Upper	
107	100		
108	113.3	86.4	129.6
77	55.0	38.6	58.0
79	49.4	37.9	56.9

Manual Integrations

APPROVED

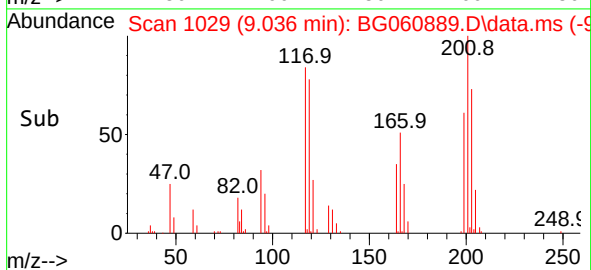
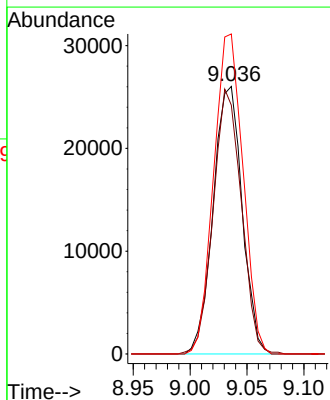
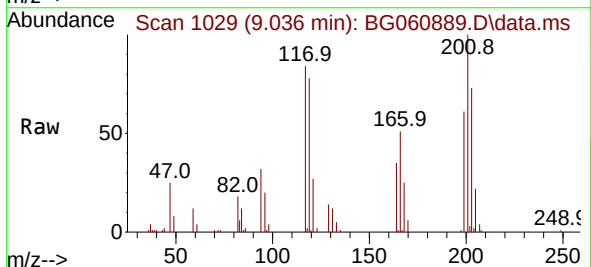
Reviewed By :Yogesh Patel 04/16/2024

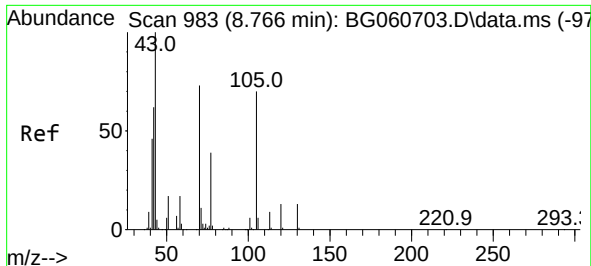
Supervised By :mohammad ahmed 04/17/2024



#18
Hexachloroethane
Concen: 40.097 ng
RT: 9.036 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

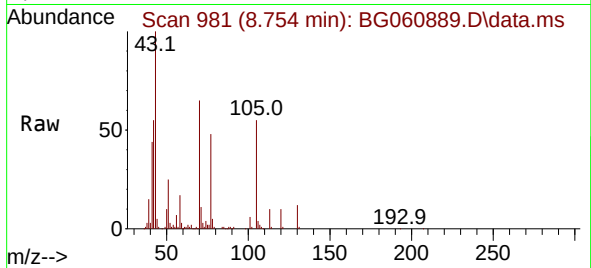
Tgt Ion:	117	Resp:	46069
Ion Ratio	Lower	Upper	
117	100		
119	93.9	75.7	113.5
201	119.6	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 35.944 ng
RT: 8.754 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

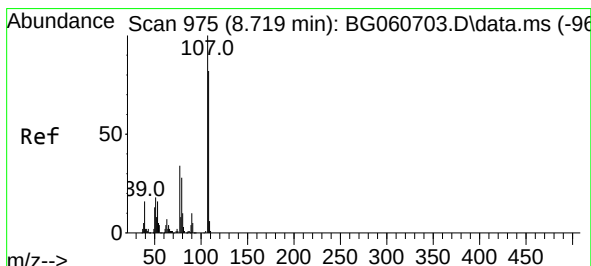
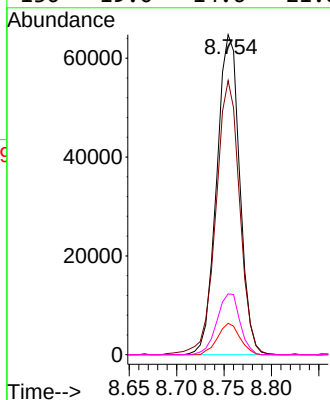
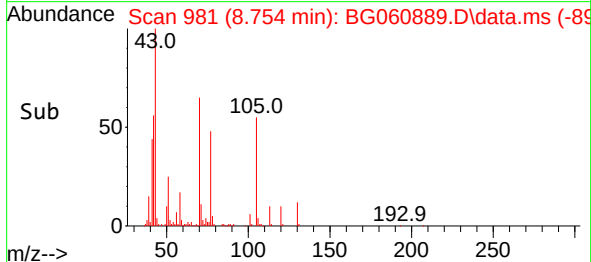
Instrument :
BNA_G
ClientSampleId :
PB160200BS



Tgt Ion: 70 Resp: 10943
Ion Ratio Lower Upper
70 100
42 85.6 68.4 102.6
101 9.8 6.1 9.1
130 19.0 14.6 21.8

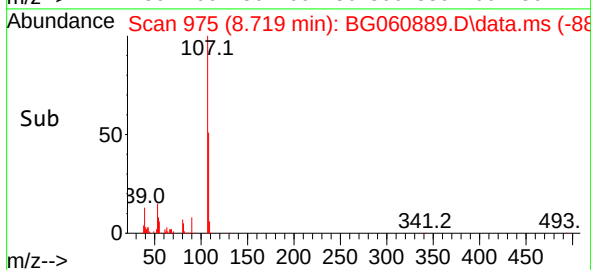
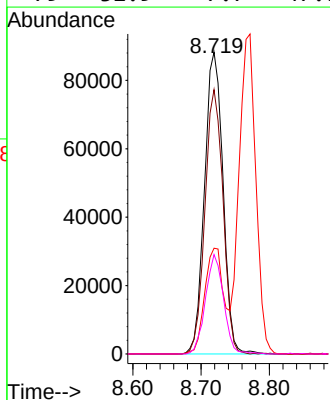
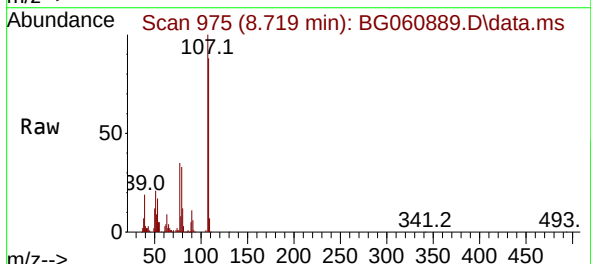
Manual Integrations
APPROVED

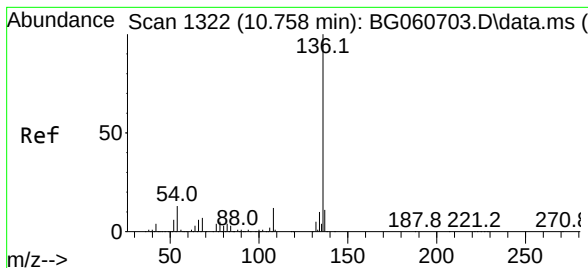
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#20
3+4-Methylphenols
Concen: 39.557 ng
RT: 8.719 min Scan# 975
Delta R.T. -0.000 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:107 Resp: 166611
Ion Ratio Lower Upper
107 100
108 87.6 62.2 102.2
77 35.1 14.1 54.1
79 32.9 7.7 47.7





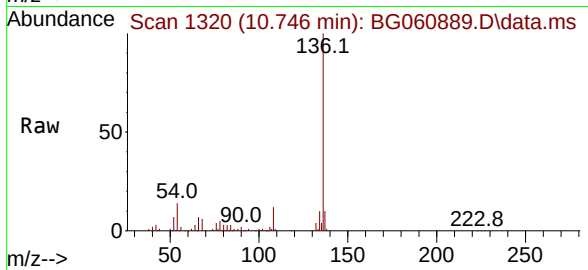
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

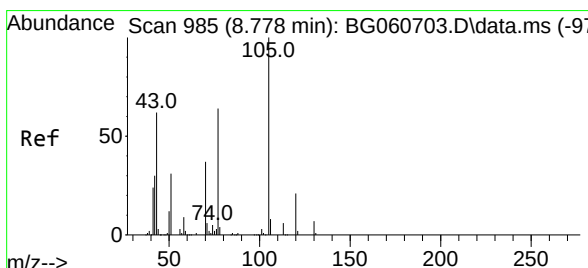
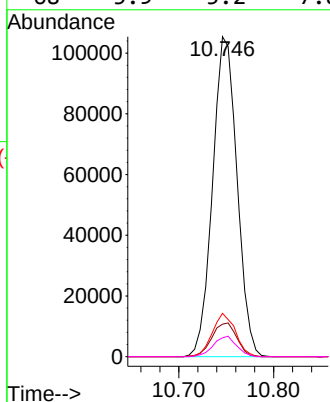
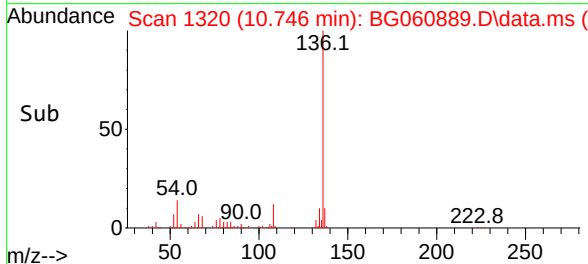


Tgt Ion:136 Resp: 188590
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 13.6 10.2 15.2
68 5.9 5.2 7.8

Manual Integrations

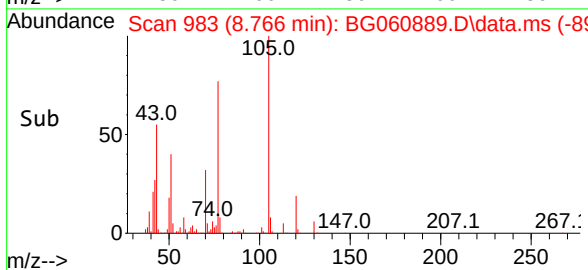
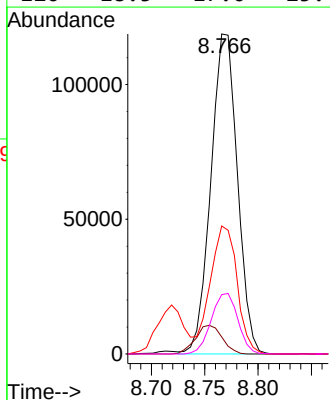
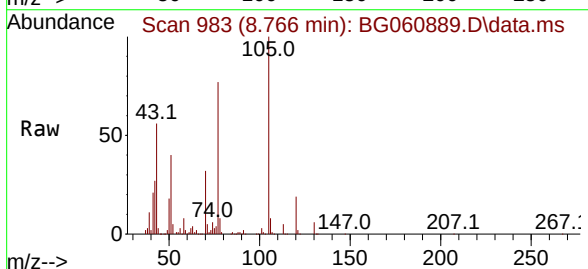
APPROVED

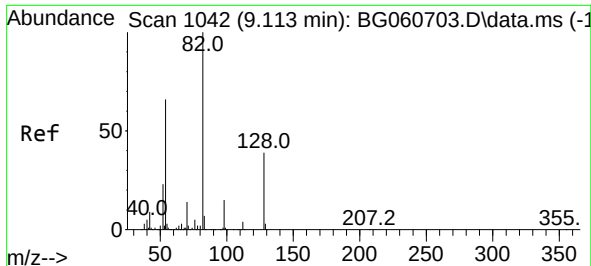
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 39.579 ng
RT: 8.766 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:105 Resp: 205816
Ion Ratio Lower Upper
105 100
71 5.3 4.9 7.3
51 40.0 31.1 46.7
120 18.5 17.0 25.4





#23
Nitrobenzene-d5
Concen: 90.336 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

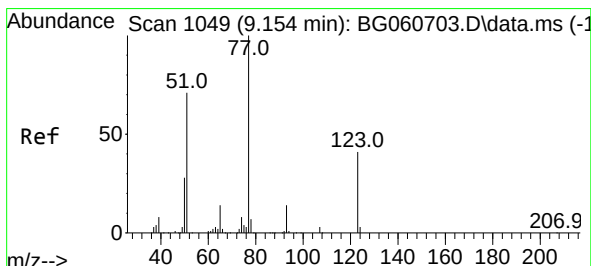
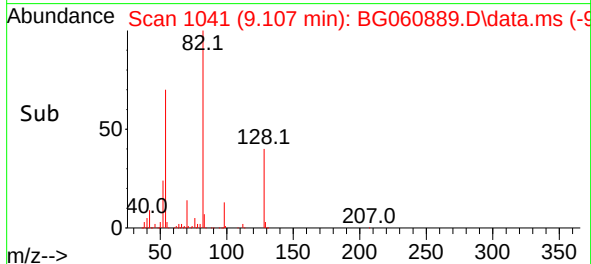
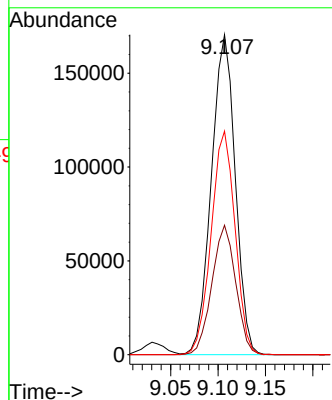
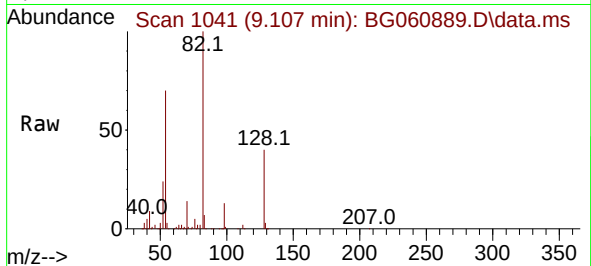
ClientSampleId :

PB160200BS

Tgt Ion: 82 Resp: 298562
Ion Ratio Lower Upper
82 100
128 40.4 31.2 46.8
54 69.9 53.2 79.8

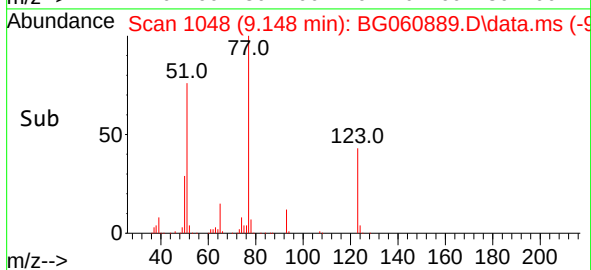
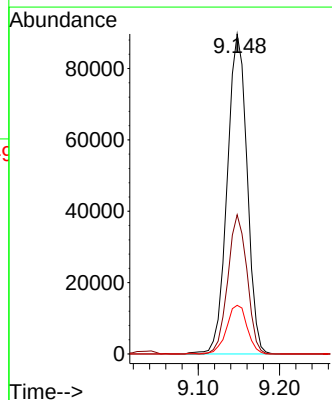
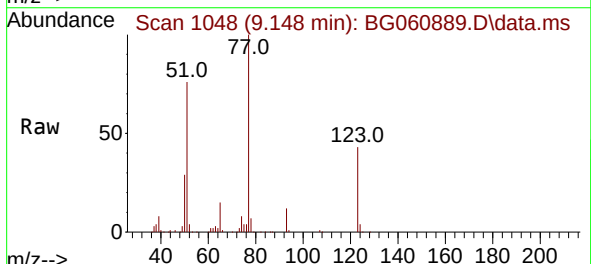
Manual Integrations
APPROVED

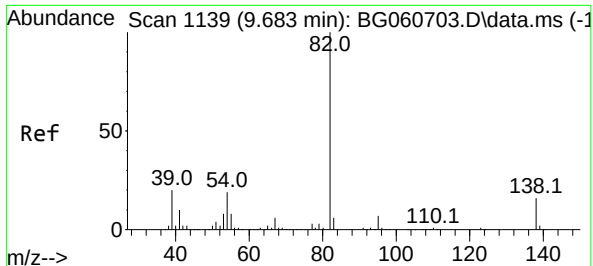
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#24
Nitrobenzene
Concen: 41.792 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion: 77 Resp: 152347
Ion Ratio Lower Upper
77 100
123 43.5 32.7 49.1
65 15.2 11.3 16.9





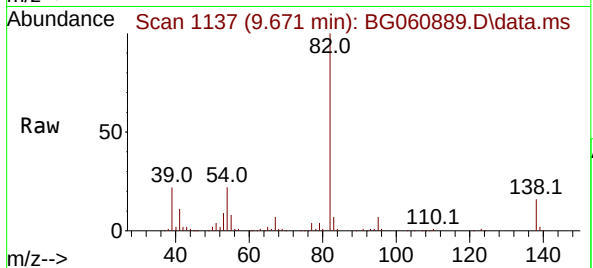
#25
Isophorone
Concen: 38.074 ng
RT: 9.671 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS



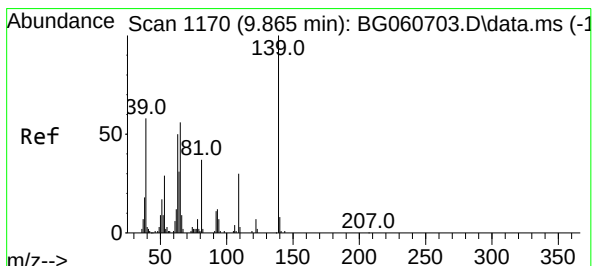
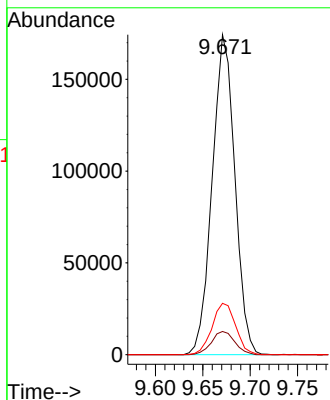
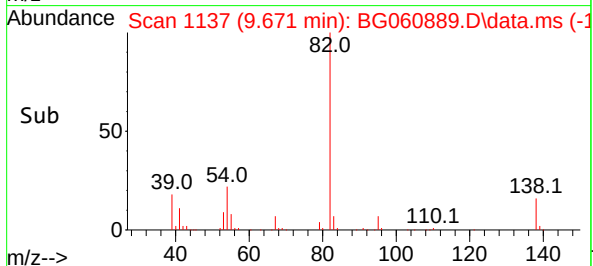
Tgt Ion: 82 Resp: 28983
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.1 13.0 19.4

Manual Integrations

APPROVED

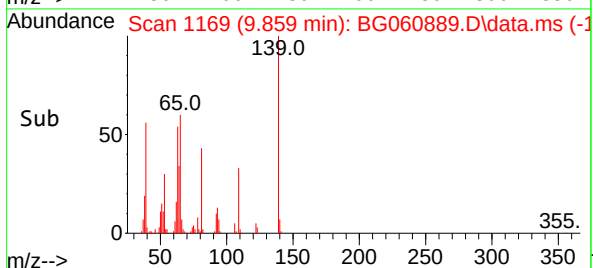
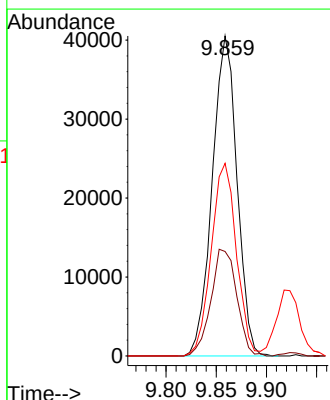
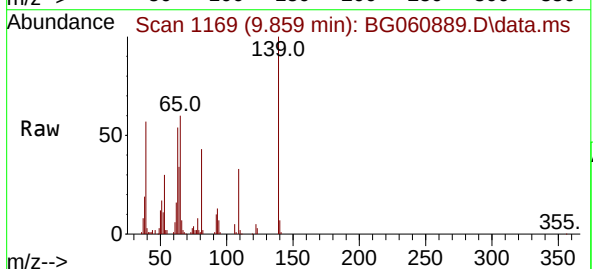
Reviewed By :Yogesh Patel 04/16/2024

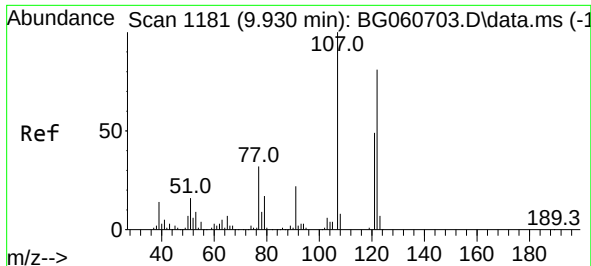
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 52.825 ng
RT: 9.859 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:139 Resp: 69473
Ion Ratio Lower Upper
139 100
109 32.6 23.9 35.9
65 60.2 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 33.078 ng

RT: 9.923 min Scan# 1181

Delta R.T. -0.007 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

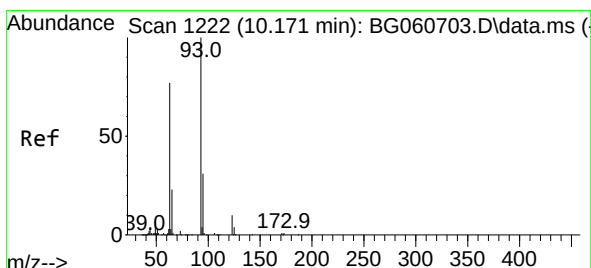
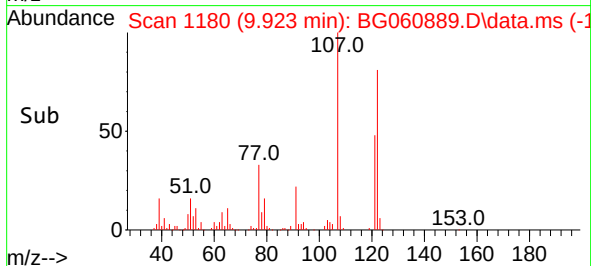
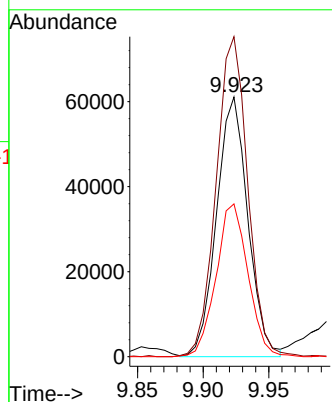
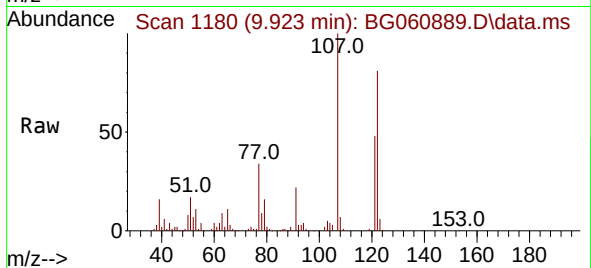
Tgt Ion:	122	Resp:	101149
Ion	Ratio	Lower	Upper
122	100		
107	123.2	98.6	147.8
121	58.8	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 37.542 ng

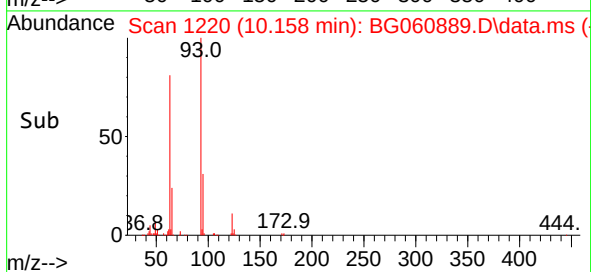
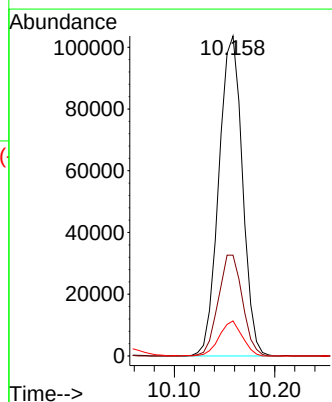
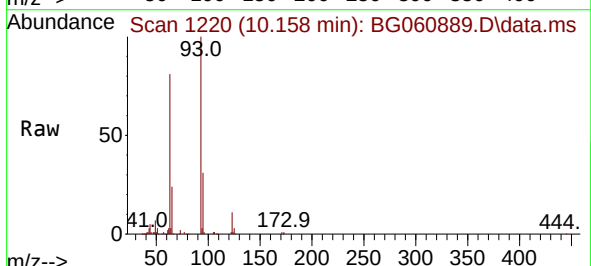
RT: 10.158 min Scan# 1220

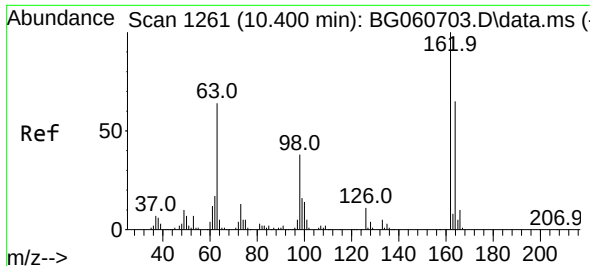
Delta R.T. -0.012 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Tgt Ion:	93	Resp:	168720
Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.1	37.7
123	10.9	8.0	12.0





#29

2,4-Dichlorophenol

Concen: 48.175 ng

RT: 10.399 min Scan# 1261

Delta R.T. -0.001 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

Tgt Ion:162 Resp: 135270

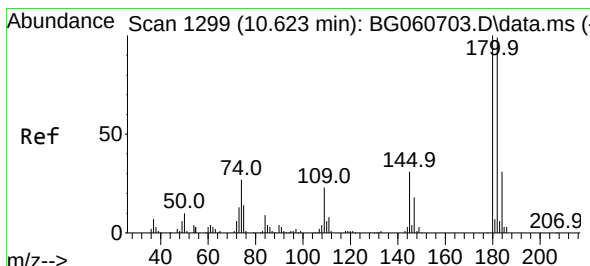
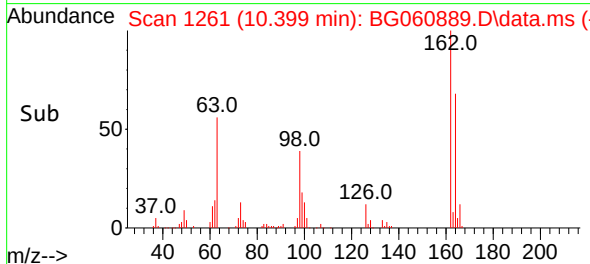
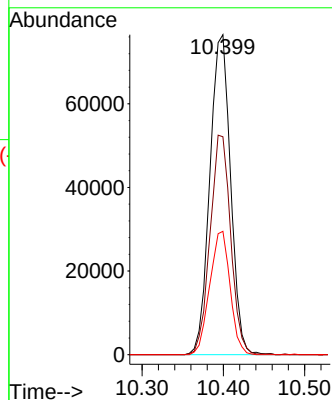
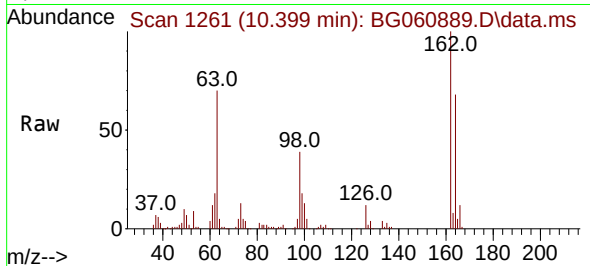
Ion	Ratio	Lower	Upper
162	100		
164	68.1	45.2	85.2
98	38.5	17.7	57.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.326 ng

RT: 10.611 min Scan# 1297

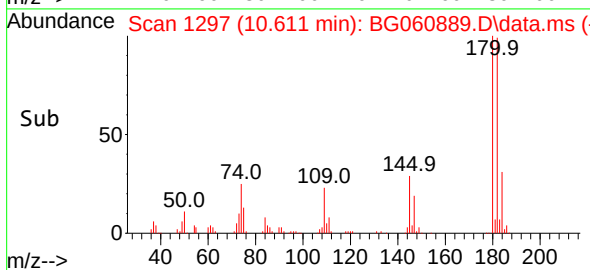
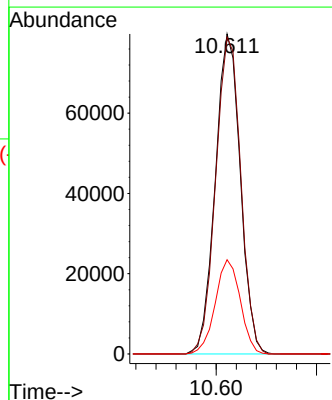
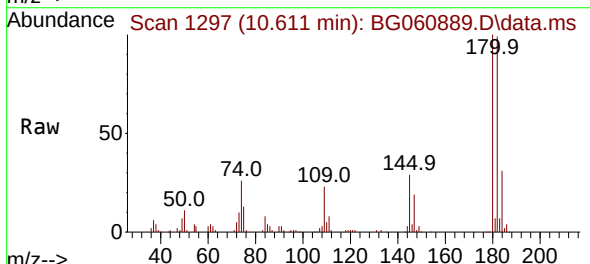
Delta R.T. -0.012 min

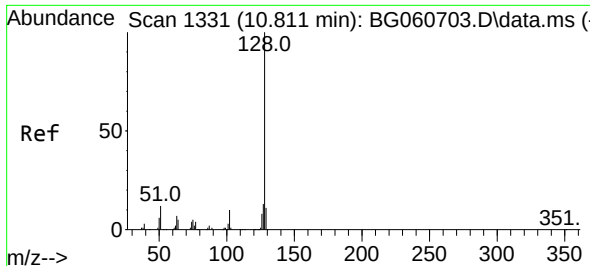
Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Tgt Ion:180 Resp: 137762

Ion	Ratio	Lower	Upper
180	100		
182	99.0	79.0	118.4
145	29.5	24.9	37.3





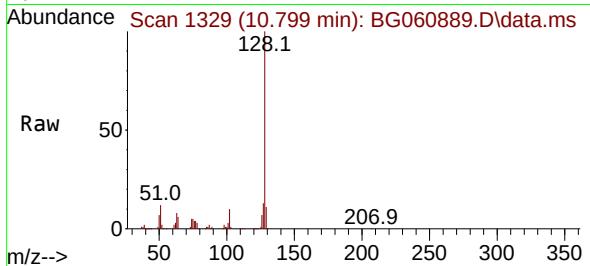
#31
Naphthalene
Concen: 38.836 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS



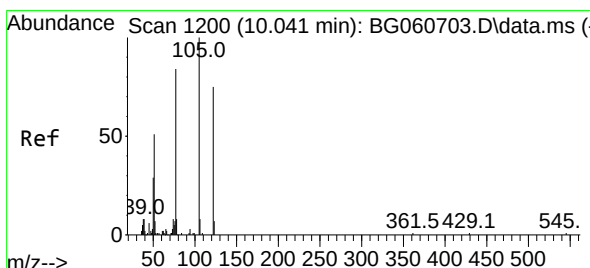
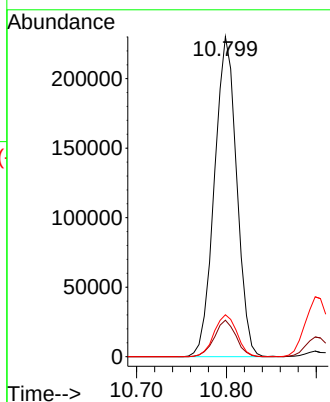
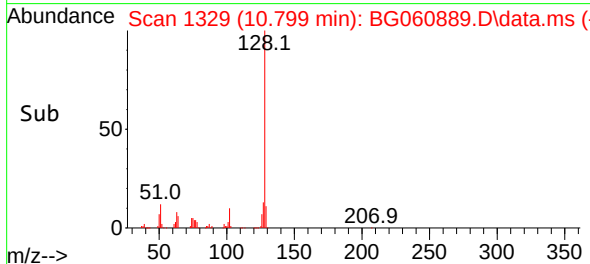
Tgt Ion:128 Resp: 396194
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.1 10.5 15.7

Manual Integrations

APPROVED

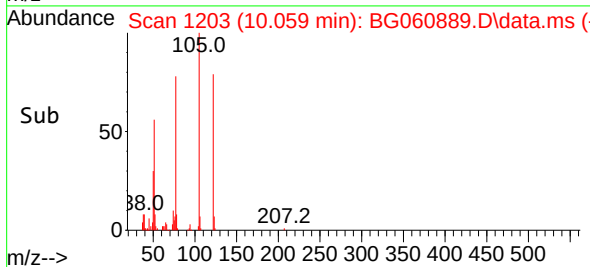
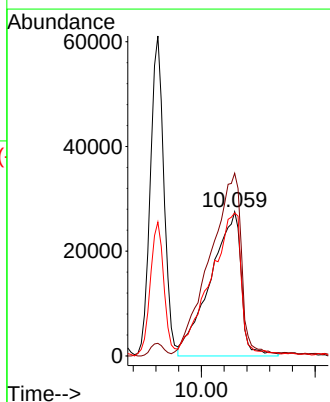
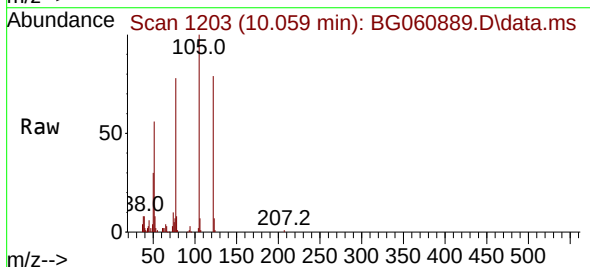
Reviewed By :Yogesh Patel 04/16/2024

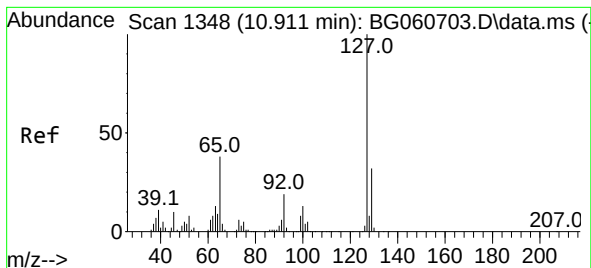
Supervised By :mohammad ahmed 04/17/2024



#32
Benzoic acid
Concen: 50.409 ng
RT: 10.059 min Scan# 1203
Delta R.T. 0.018 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:122 Resp: 103371
Ion Ratio Lower Upper
122 100
105 126.7 104.5 144.5
77 99.2 85.3 125.3





#33
4-Chloroaniline
Concen: 17.020 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

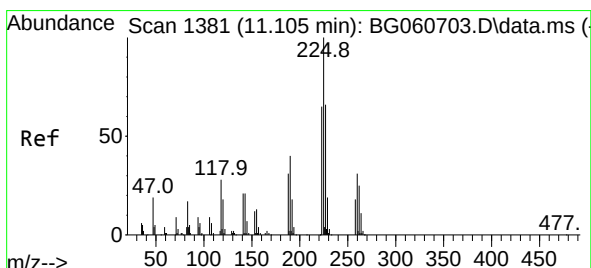
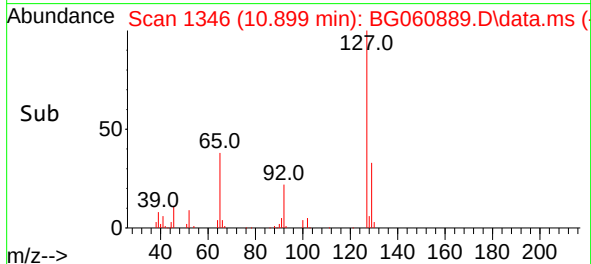
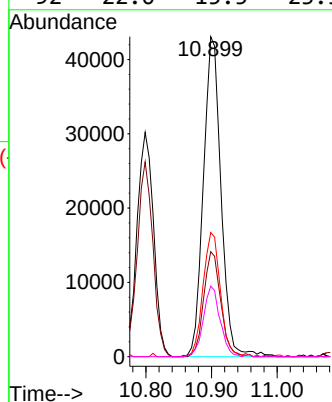
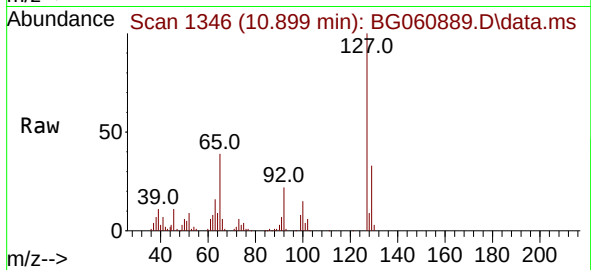
PB160200BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.3	37.9
65	38.8	30.2	45.2
92	22.0	15.5	23.3

Manual Integrations

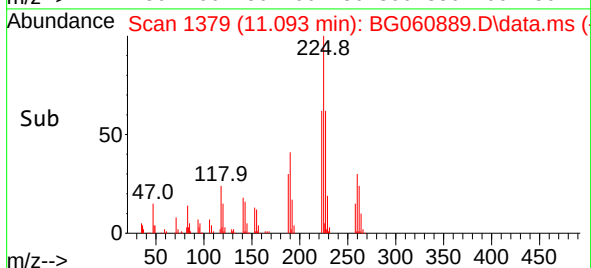
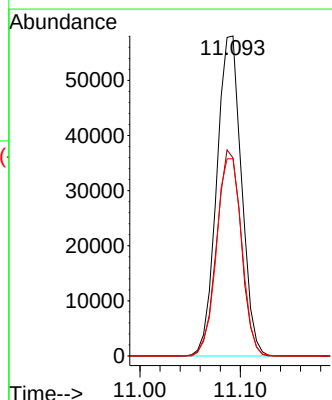
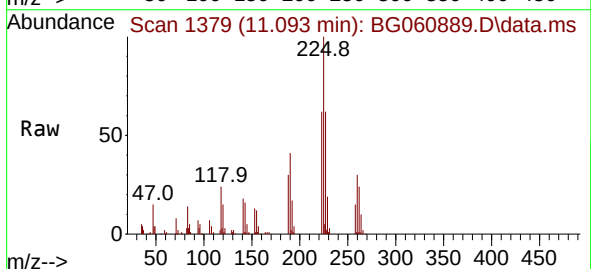
APPROVED

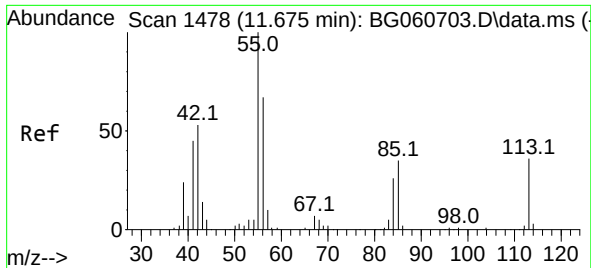
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#34
Hexachlorobutadiene
Concen: 46.840 ng
RT: 11.093 min Scan# 1379
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.0	78.0
227	61.7	52.5	78.7





#35
 Caprolactam
 Concen: 44.800 ng m
 RT: 11.668 min Scan# 1478
 Delta R.T. -0.006 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

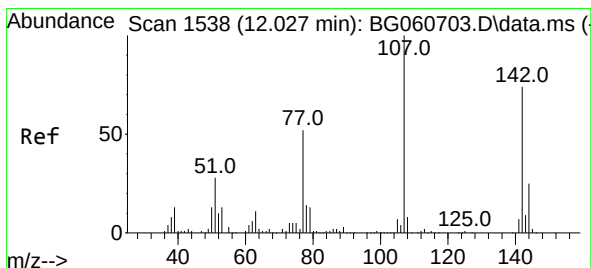
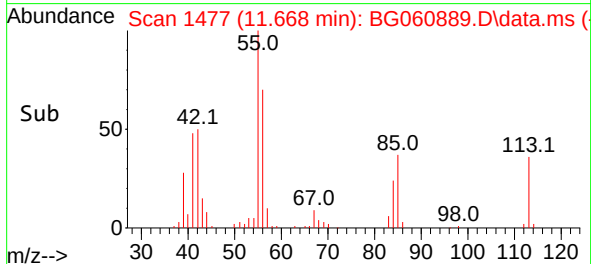
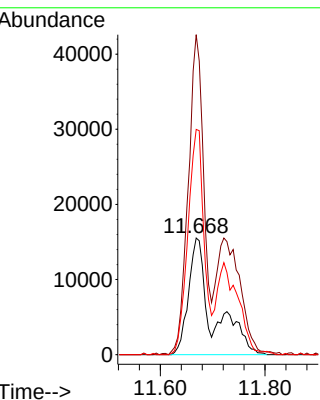
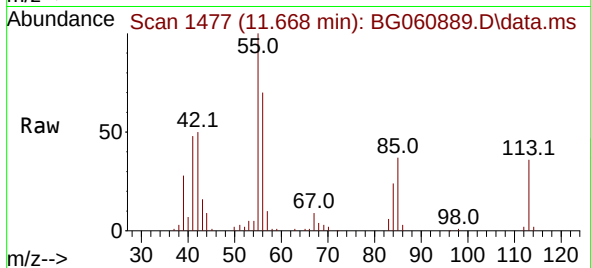
PB160200BS

Tgt Ion:113 Resp: 49824
 Ion Ratio Lower Upper
 113 100
 55 274.2 258.0 298.0
 56 193.0 166.3 206.3

Manual Integrations

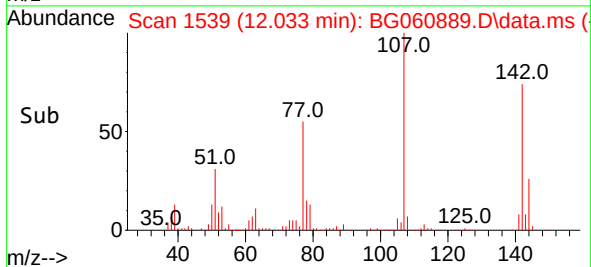
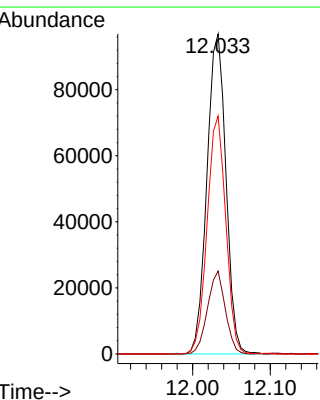
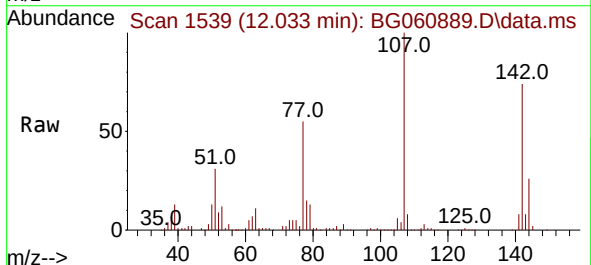
APPROVED

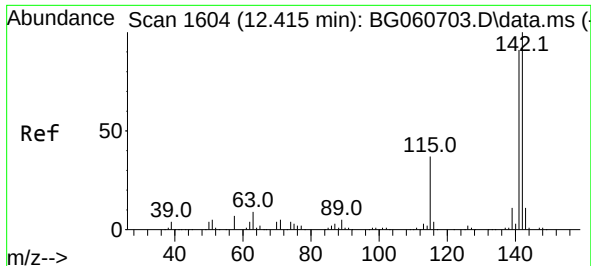
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024



#36
 4-Chloro-3-methylphenol
 Concen: 46.070 ng
 RT: 12.033 min Scan# 1539
 Delta R.T. 0.005 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44

Tgt Ion:107 Resp: 165259
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.0 30.0
 142 74.3 59.2 88.8





#37
2-Methylnaphthalene
Concen: 39.032 ng
RT: 12.409 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

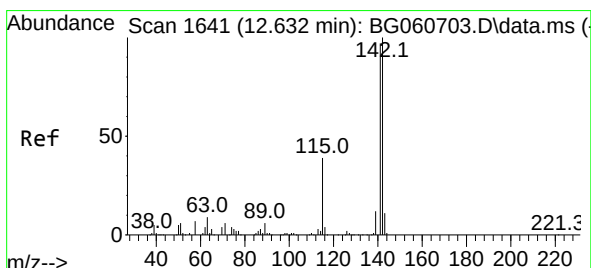
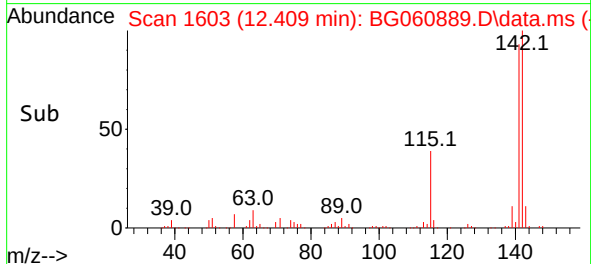
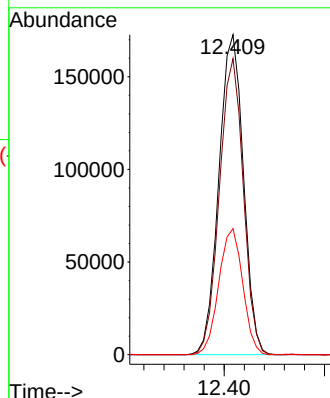
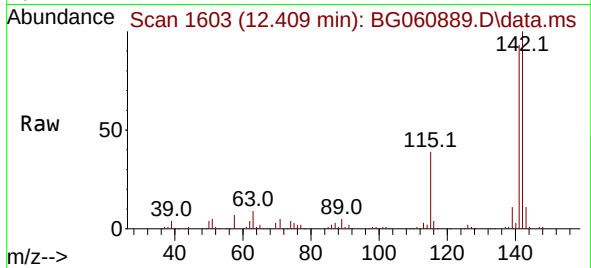
PB160200BS

Tgt Ion:142 Resp: 292749
Ion Ratio Lower Upper
142 100
141 92.5 72.7 109.1
115 39.4 29.9 44.9

Manual Integrations

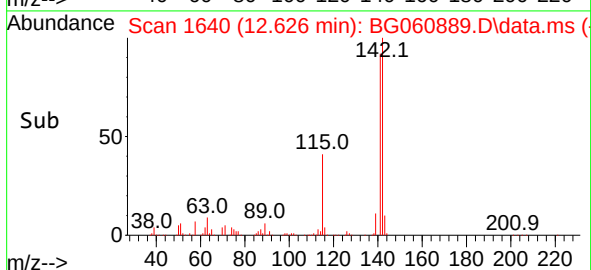
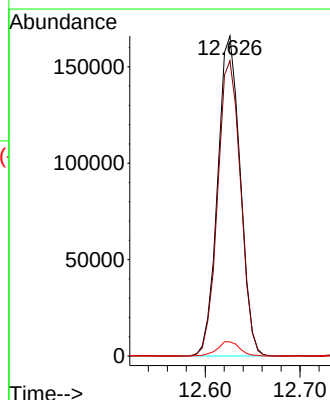
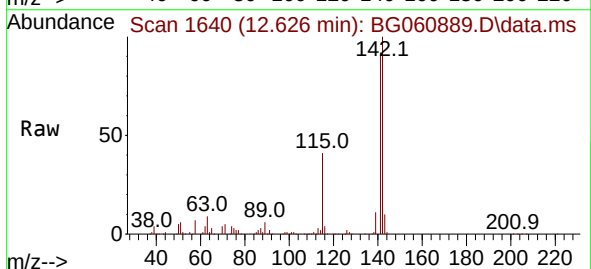
APPROVED

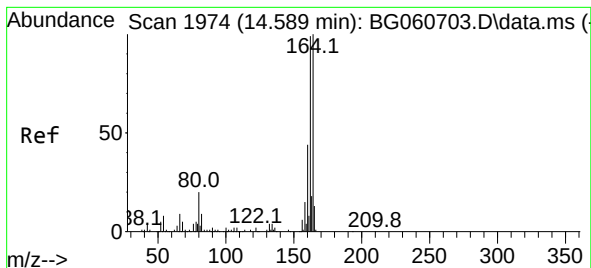
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#38
1-Methylnaphthalene
Concen: 38.837 ng
RT: 12.626 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:142 Resp: 275176
Ion Ratio Lower Upper
142 100
141 92.3 77.7 116.5
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

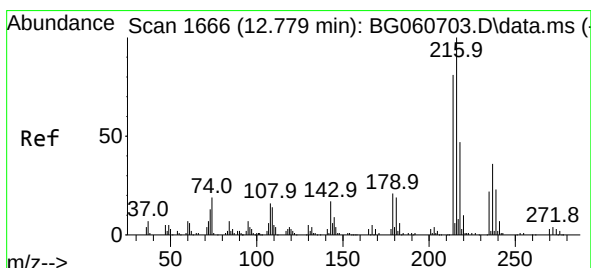
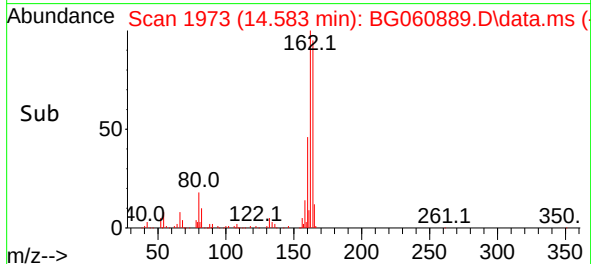
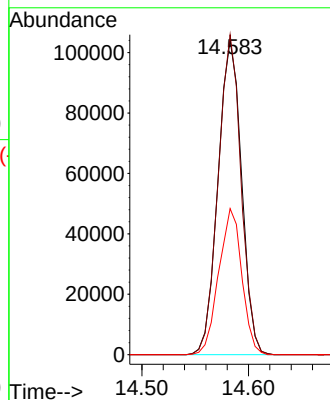
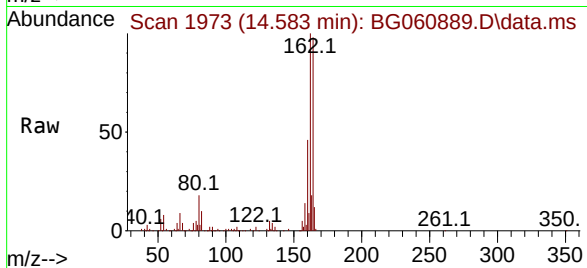
Tgt Ion:164 Resp: 159358
 Ion Ratio Lower Upper
 164 100
 162 101.8 79.5 119.3
 160 46.5 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.157 ng

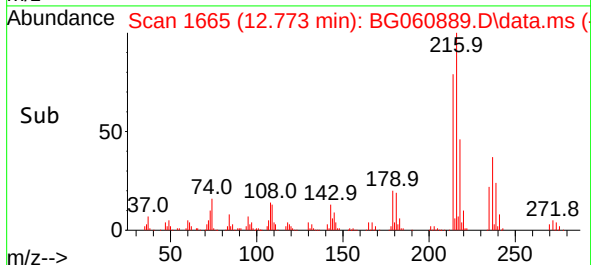
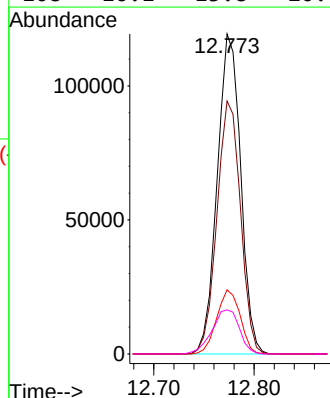
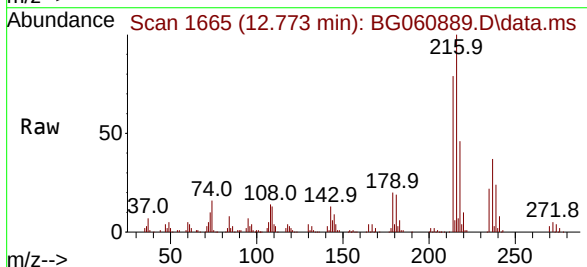
RT: 12.773 min Scan# 1665

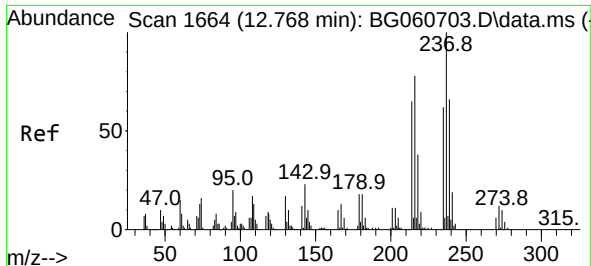
Delta R.T. -0.006 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Tgt Ion:216 Resp: 193139
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.1 94.7
 179 20.1 16.7 25.1
 108 16.1 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 90.505 ng
RT: 12.755 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

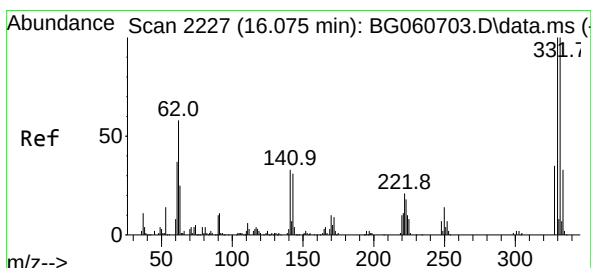
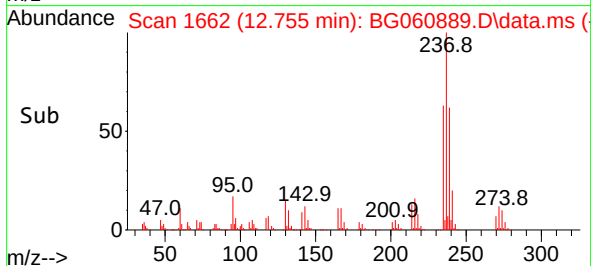
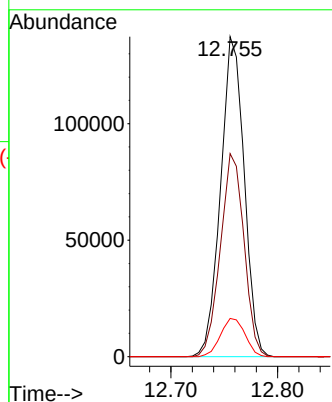
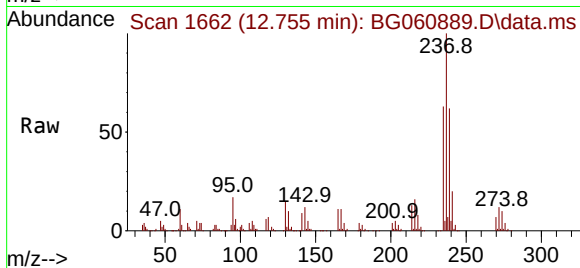
PB160200BS

Tgt Ion:237 Resp: 210834
Ion Ratio Lower Upper
237 100
235 63.4 42.0 82.0
272 12.0 0.0 32.4

Manual Integrations

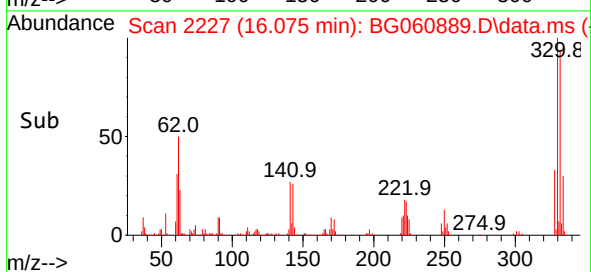
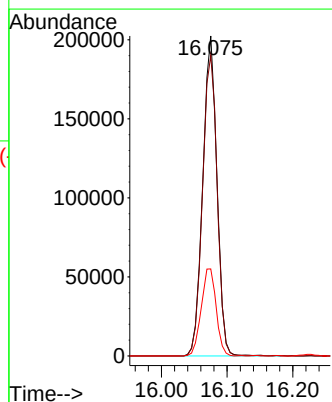
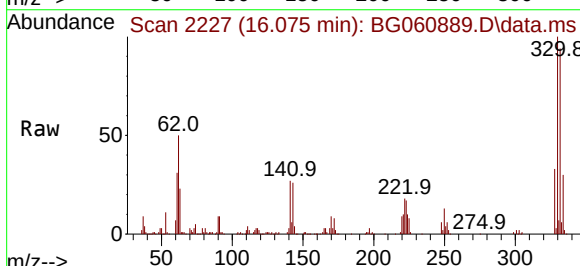
APPROVED

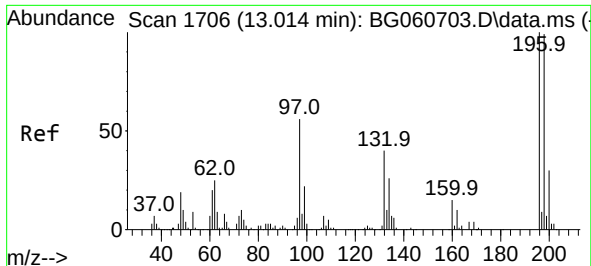
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#42
2,4,6-Tribromophenol
Concen: 168.219 ng
RT: 16.075 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:330 Resp: 304303
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 28.7 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 48.564 ng
RT: 13.014 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

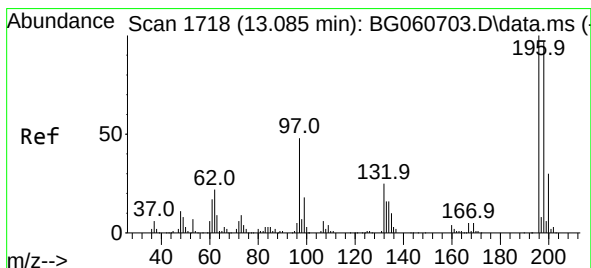
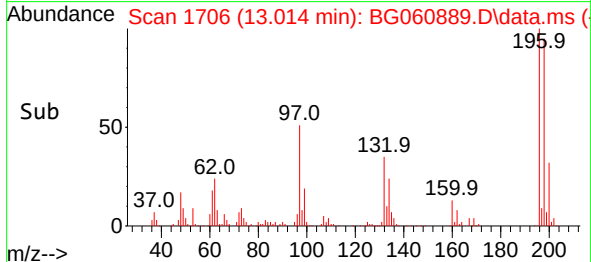
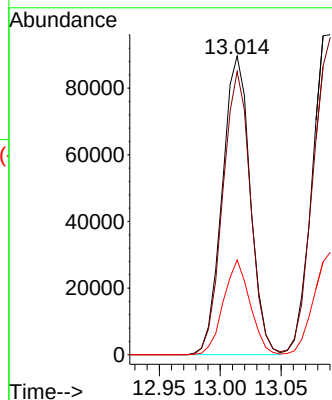
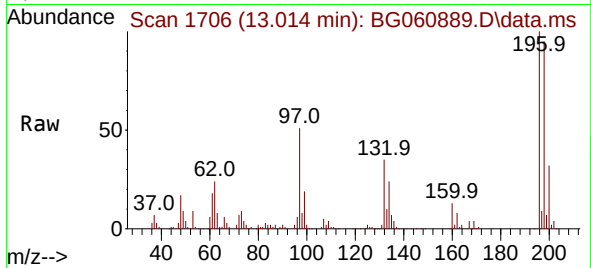
PB160200BS

Tgt Ion:196 Resp: 14326
Ion Ratio Lower Upper
196 100
198 94.8 79.1 118.7
200 31.7 24.0 36.0

Manual Integrations

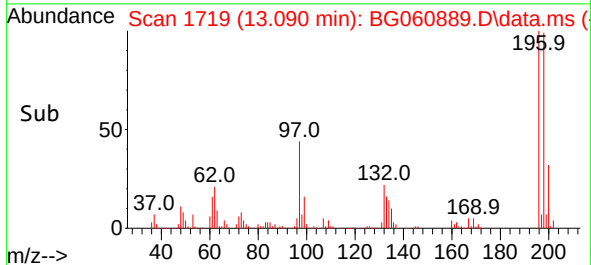
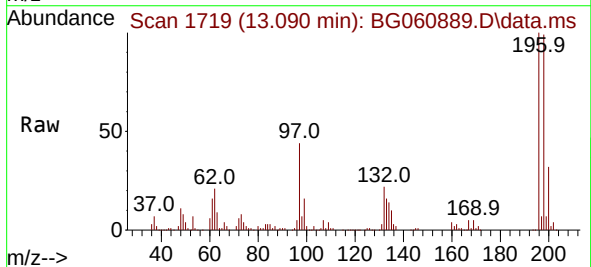
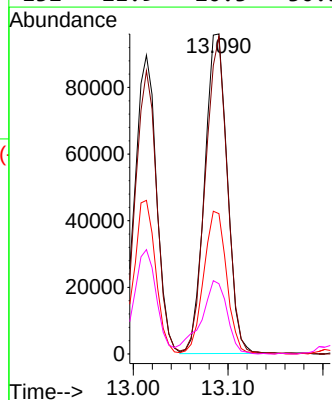
APPROVED

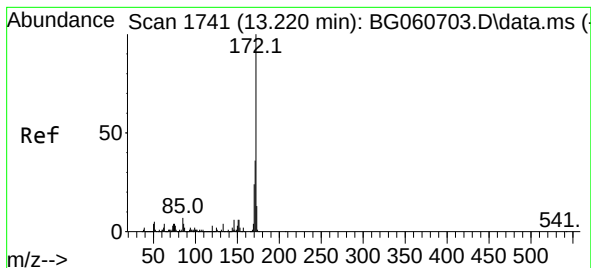
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#44
2,4,5-Trichlorophenol
Concen: 45.225 ng
RT: 13.090 min Scan# 1719
Delta R.T. 0.005 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:196 Resp: 159214
Ion Ratio Lower Upper
196 100
198 99.2 77.8 116.8
97 43.8 38.2 57.4
132 21.9 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 75.466 ng

RT: 13.208 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

Tgt Ion:172 Resp: 81942

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

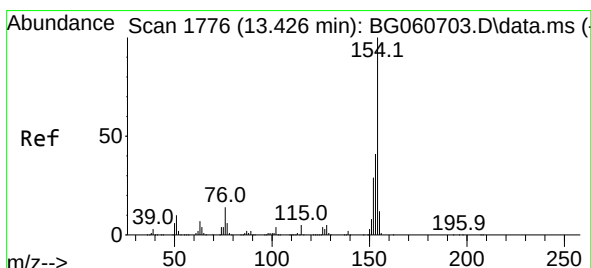
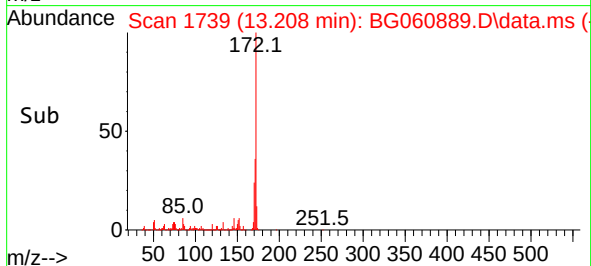
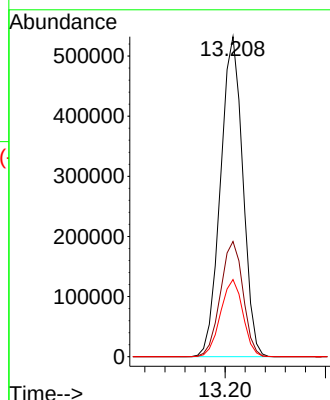
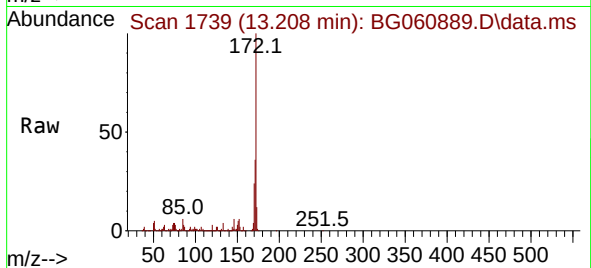
170 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#46

1,1'-Biphenyl

Concen: 38.622 ng

RT: 13.419 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

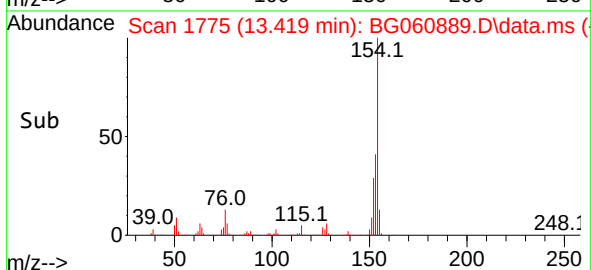
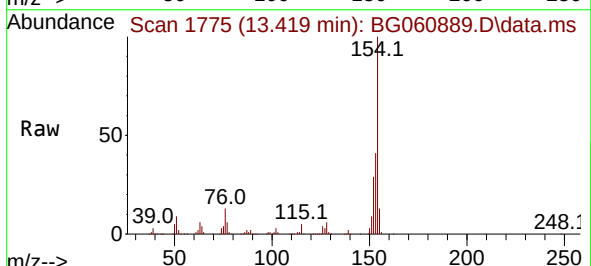
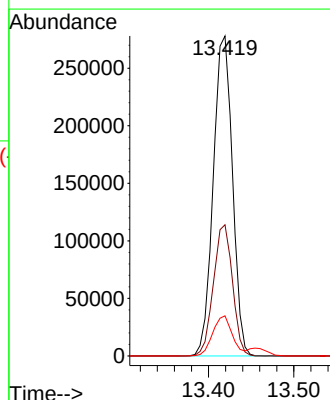
Tgt Ion:154 Resp: 434727

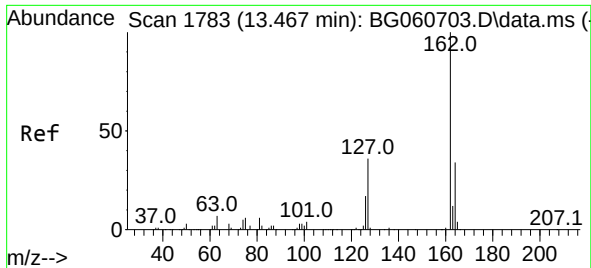
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.6 0.0 33.9





#47
2-Chloronaphthalene
Concen: 39.514 ng
RT: 13.460 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

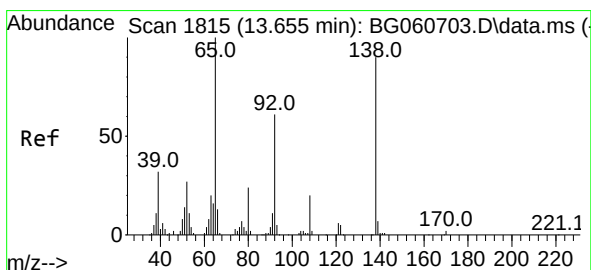
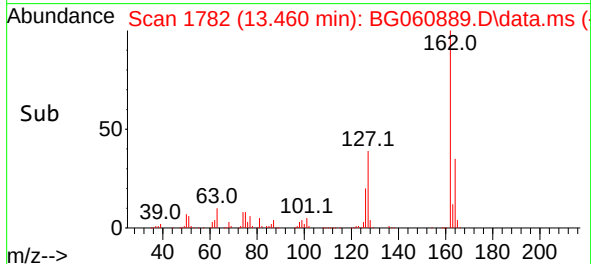
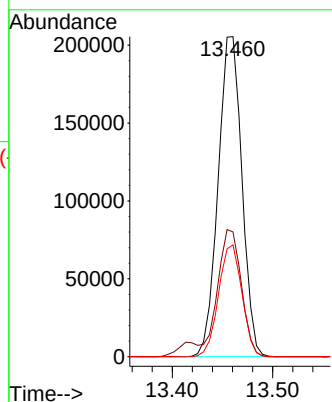
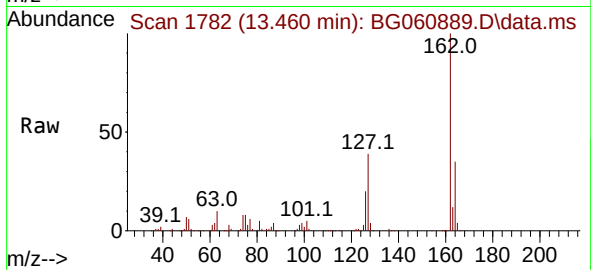
PB160200BS

Tgt Ion:162 Resp: 33792
Ion Ratio Lower Upper
162 100
127 39.0 30.6 46.0
164 35.0 26.9 40.3

Manual Integrations

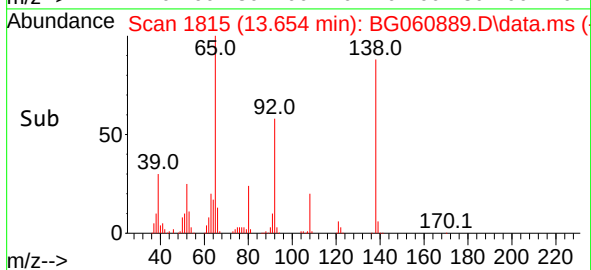
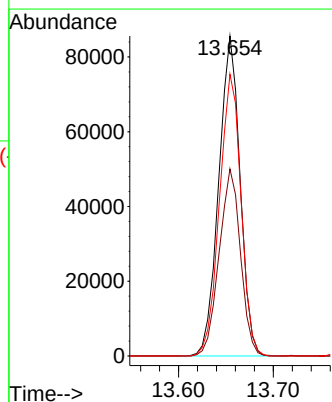
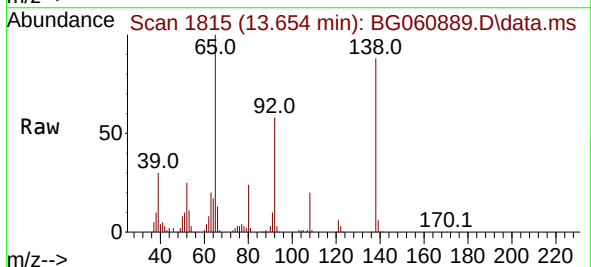
APPROVED

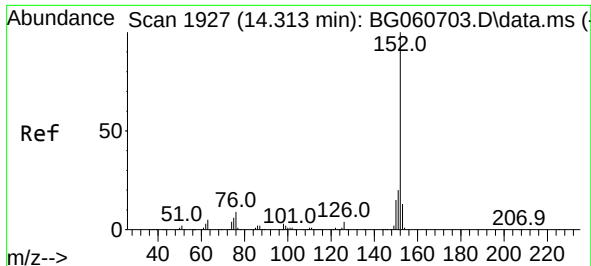
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#48
2-Nitroaniline
Concen: 48.203 ng
RT: 13.654 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion: 65 Resp: 133750
Ion Ratio Lower Upper
65 100
92 58.5 48.6 72.8
138 88.0 72.2 108.4





#49
Acenaphthylene
Concen: 40.209 ng
RT: 14.307 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

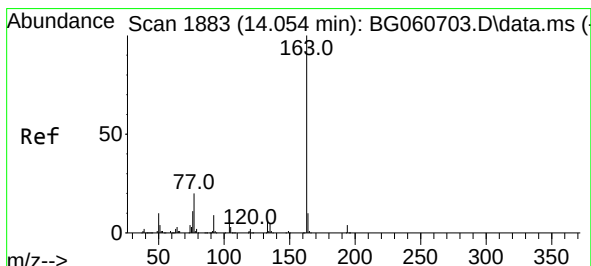
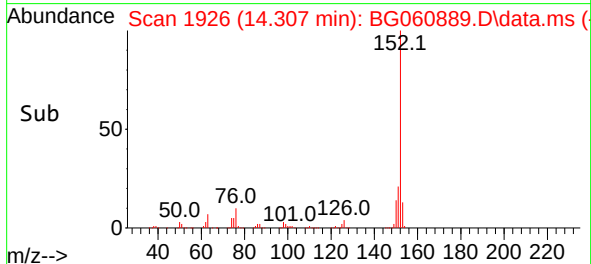
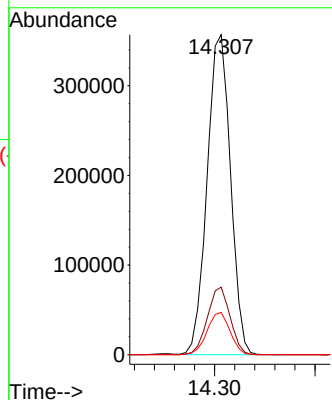
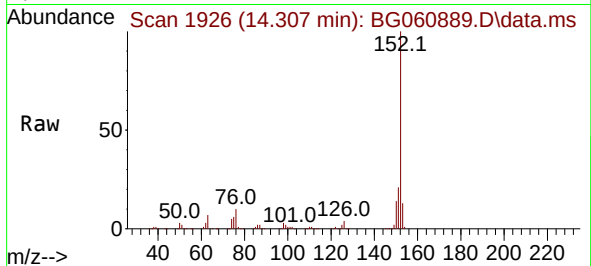
ClientSampleId :

PB160200BS

Tgt Ion:152 Resp: 57778
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.2 10.5 15.7

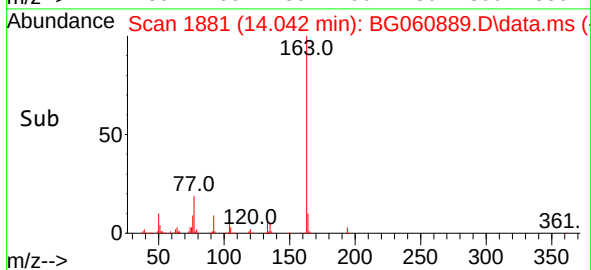
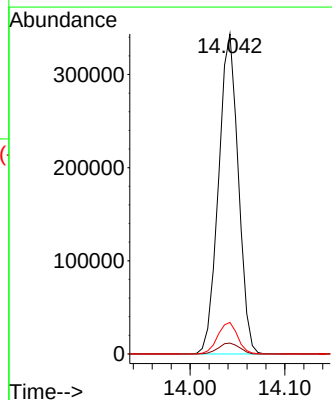
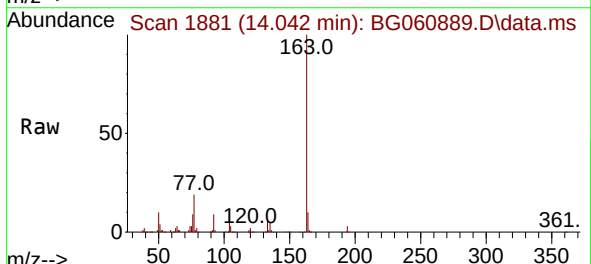
Manual Integrations
APPROVED

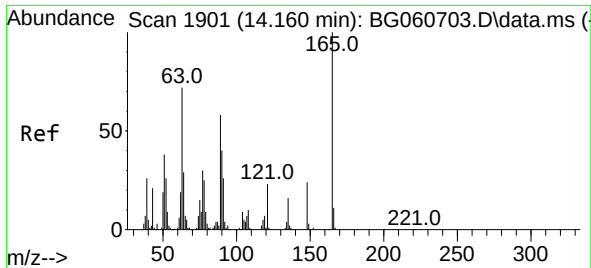
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#50
Dimethylphthalate
Concen: 39.511 ng
RT: 14.042 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:163 Resp: 497670
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 9.8 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.805 ng
RT: 14.154 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

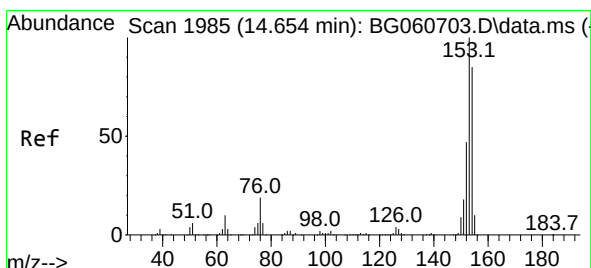
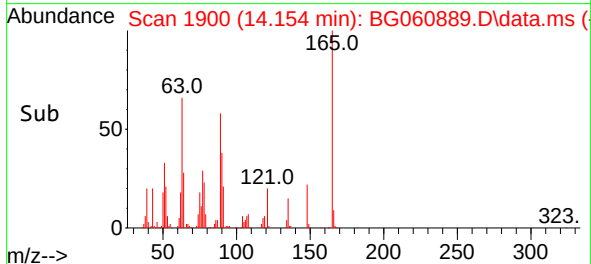
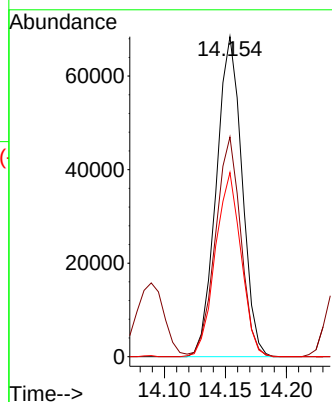
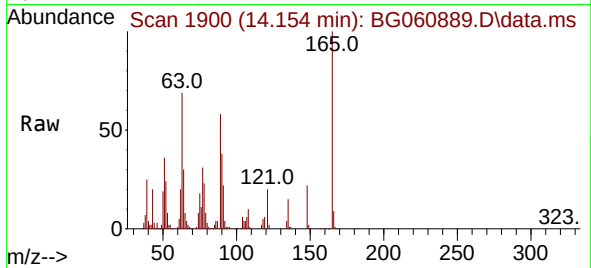
PB160200BS

Tgt Ion:165 Resp: 100480
Ion Ratio Lower Upper
165 100
63 68.7 58.2 87.4
89 57.6 46.1 69.1

Manual Integrations

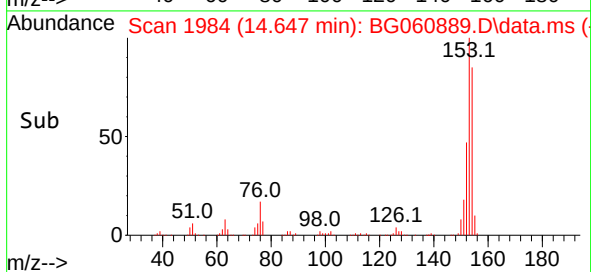
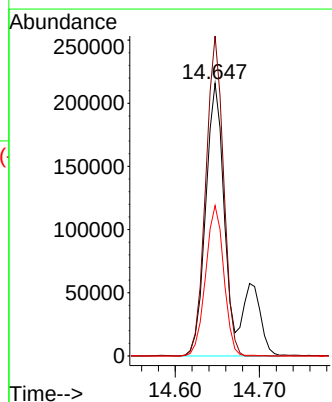
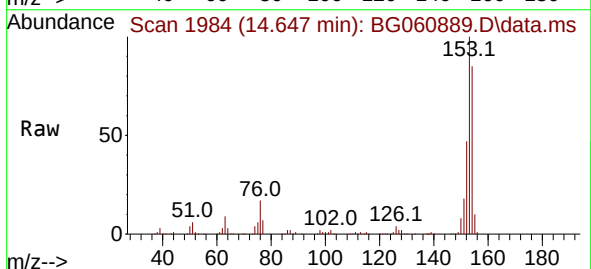
APPROVED

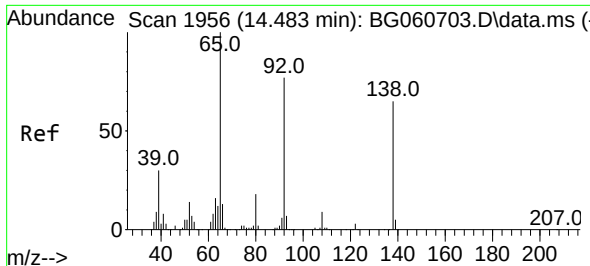
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#52
Acenaphthene
Concen: 45.219 ng m
RT: 14.647 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:154 Resp: 407969
Ion Ratio Lower Upper
154 100
153 117.4 93.9 140.9
152 55.2 44.1 66.1





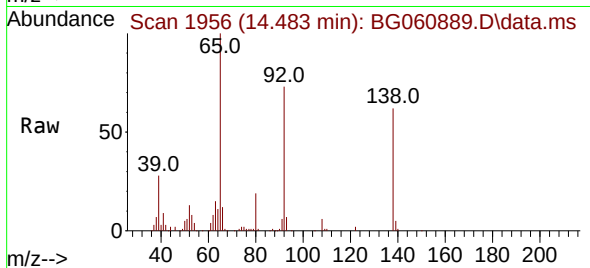
#53
3-Nitroaniline
Concen: 29.806 ng
RT: 14.483 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS



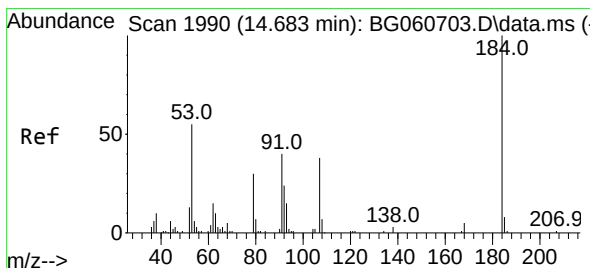
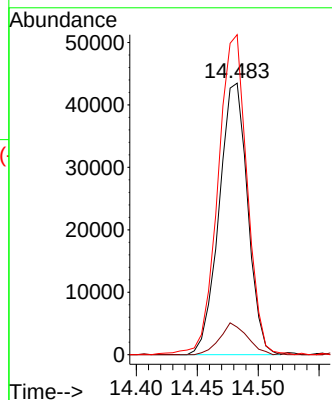
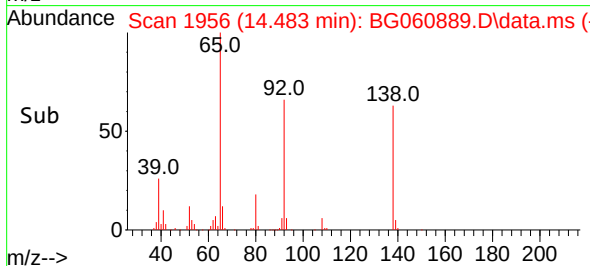
Tgt Ion:138 Resp: 70890
Ion Ratio Lower Upper
138 100
108 10.1 11.3 16.9
92 117.8 94.1 141.1

Manual Integrations

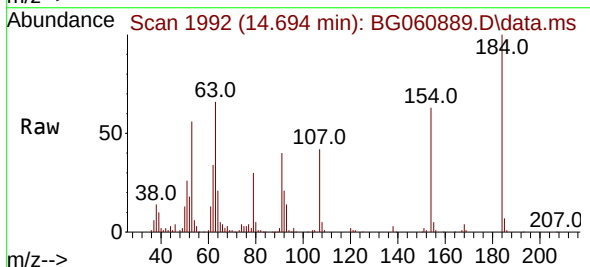
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

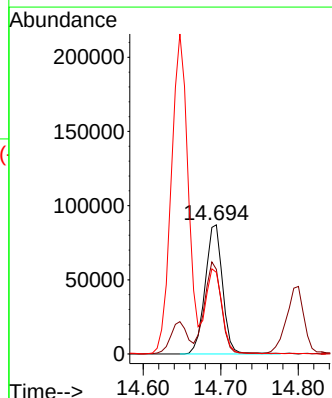
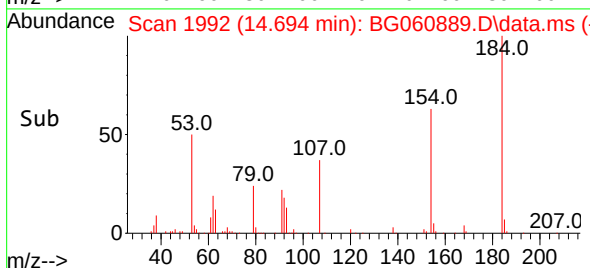
Supervised By :mohammad ahmed 04/17/2024

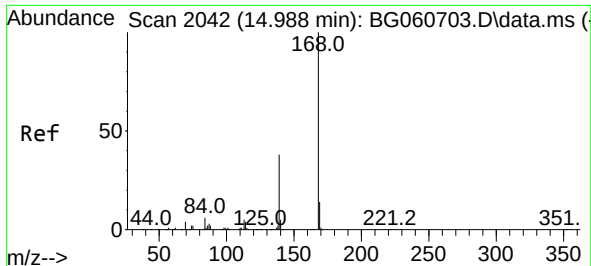


#54
2,4-Dinitrophenol
Concen: 154.770 ng
RT: 14.694 min Scan# 1992
Delta R.T. 0.011 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44



Tgt Ion:184 Resp: 135693
Ion Ratio Lower Upper
184 100
63 65.6 51.3 76.9
154 63.1 59.9 89.9





#55
Dibenzenofuran
Concen: 38.817 ng
RT: 14.982 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

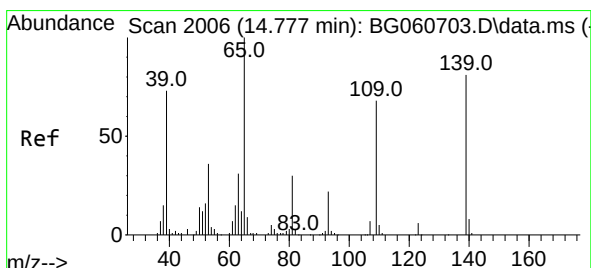
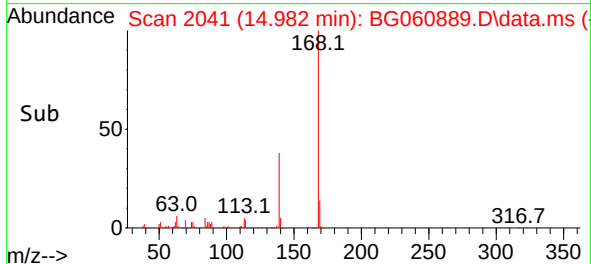
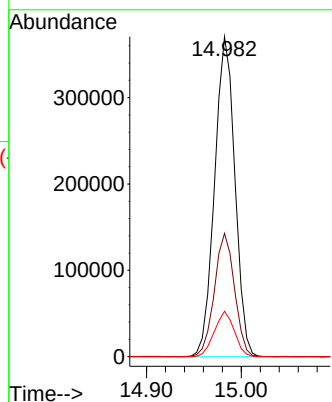
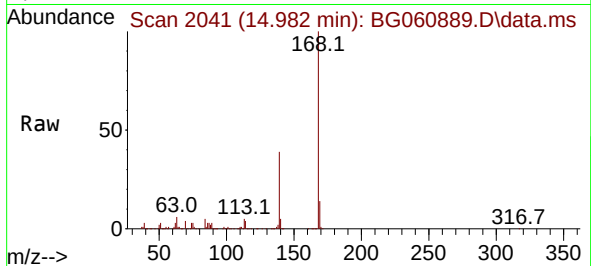
ClientSampleId :

PB160200BS

Tgt Ion:168 Resp: 552408
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.2 11.0 16.4

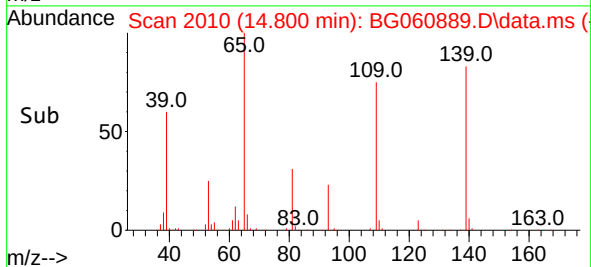
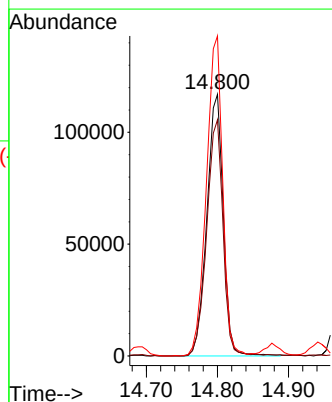
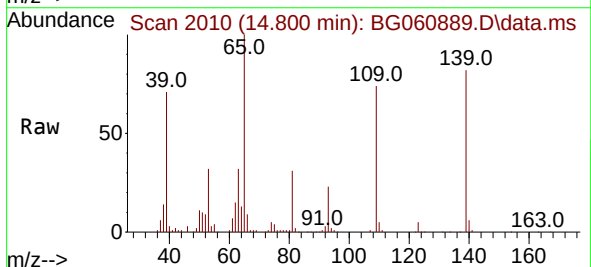
Manual Integrations
APPROVED

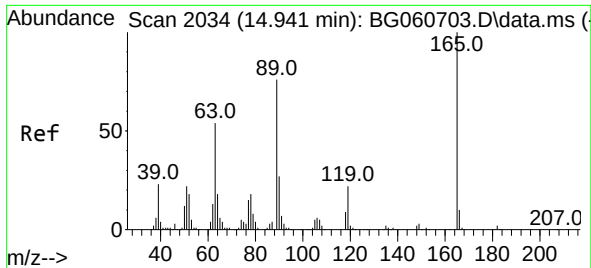
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#56
4-Nitrophenol
Concen: 102.517 ng
RT: 14.800 min Scan# 2010
Delta R.T. 0.023 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:139 Resp: 188771
Ion Ratio Lower Upper
139 100
109 90.3 64.0 104.0
65 122.3 104.3 144.3





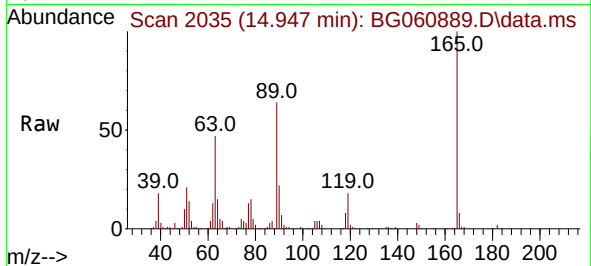
#57
2,4-Dinitrotoluene
Concen: 51.341 ng
RT: 14.947 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS



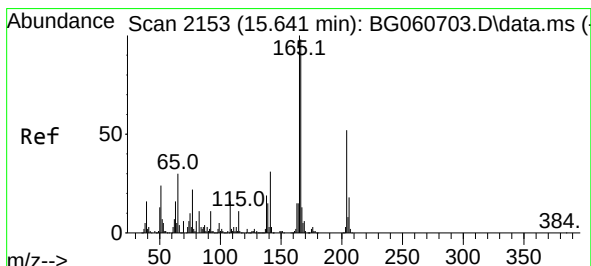
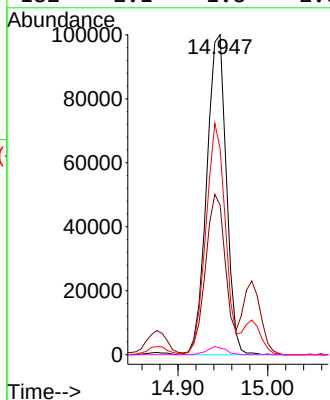
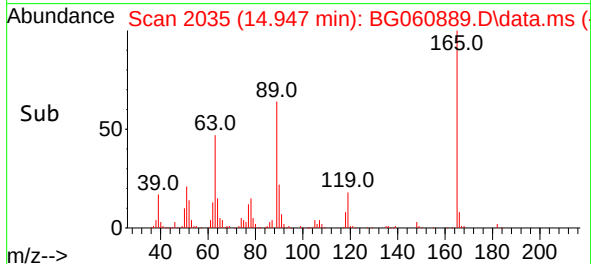
Tgt Ion:165 Resp: 151800
Ion Ratio Lower Upper
165 100
63 46.8 43.4 65.0
89 64.4 61.0 91.6
182 2.1 1.8 2.6

Manual Integrations

APPROVED

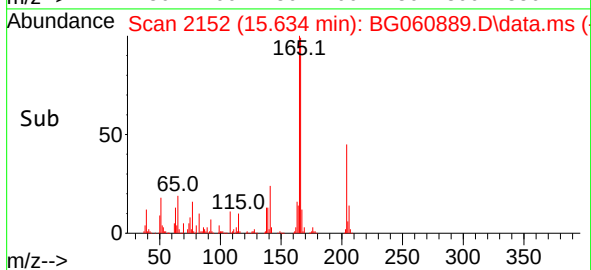
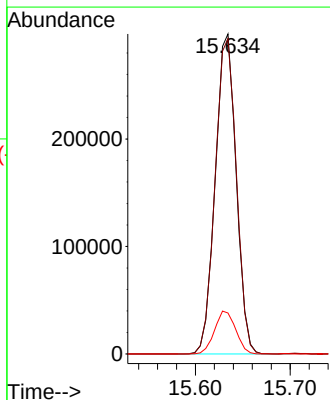
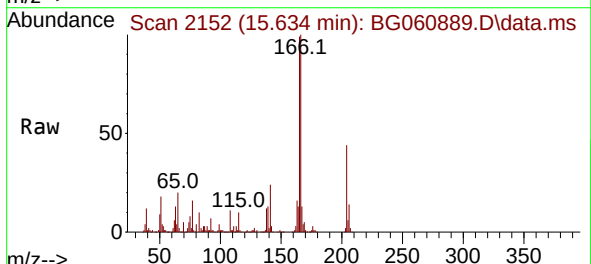
Reviewed By :Yogesh Patel 04/16/2024

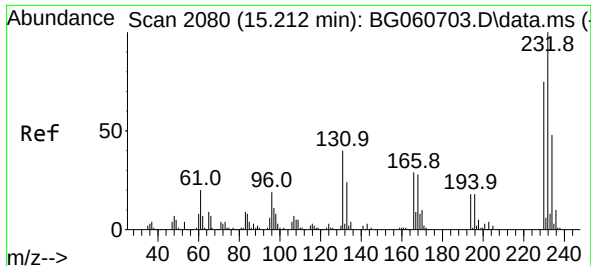
Supervised By :mohammad ahmed 04/17/2024



#58
Fluorene
Concen: 39.991 ng
RT: 15.634 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:166 Resp: 456758
Ion Ratio Lower Upper
166 100
165 98.6 81.8 122.8
167 12.8 10.9 16.3





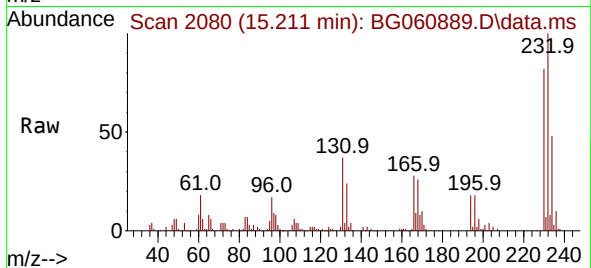
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.584 ng
RT: 15.211 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS



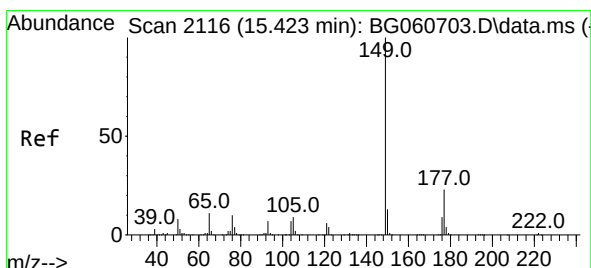
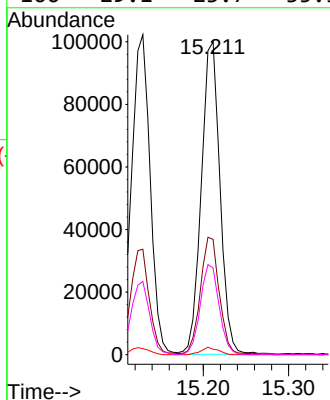
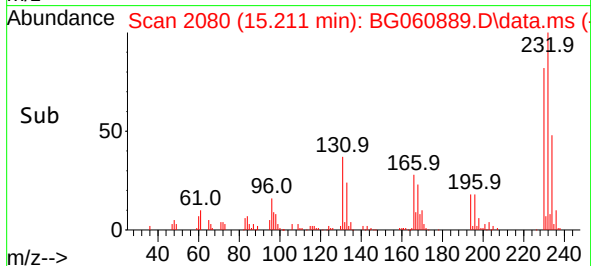
Tgt Ion:232 Resp: 152124
Ion Ratio Lower Upper
232 100
131 38.4 32.2 48.2
130 2.1 2.1 3.1
166 29.1 23.7 35.5

Manual Integrations

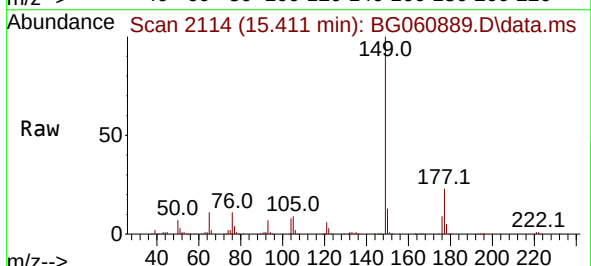
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

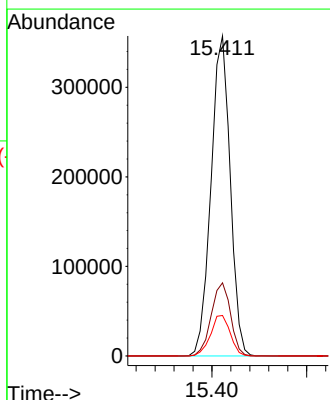
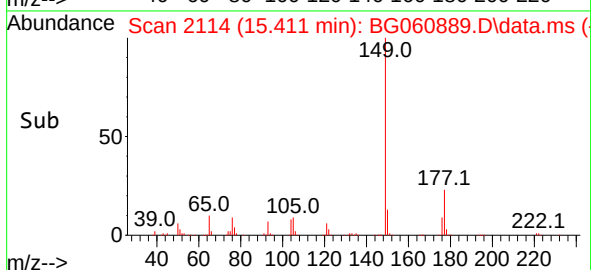
Supervised By :mohammad ahmed 04/17/2024

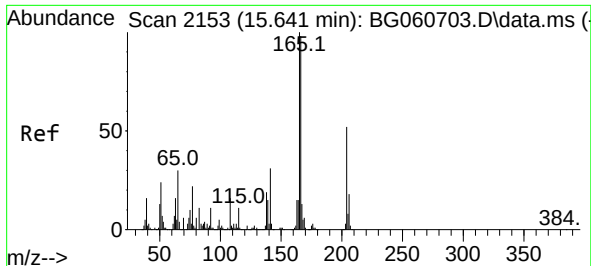


#60
Diethylphthalate
Concen: 39.551 ng
RT: 15.411 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44



Tgt Ion:149 Resp: 501208
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.7 10.2 15.4





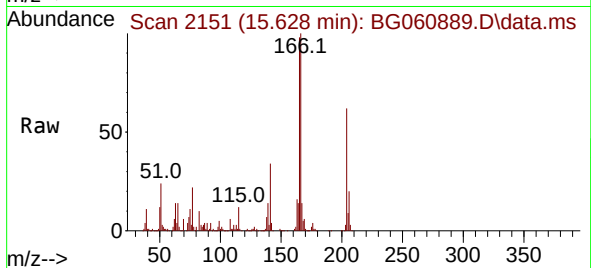
#61
4-Chlorophenyl-phenylether
Concen: 41.145 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

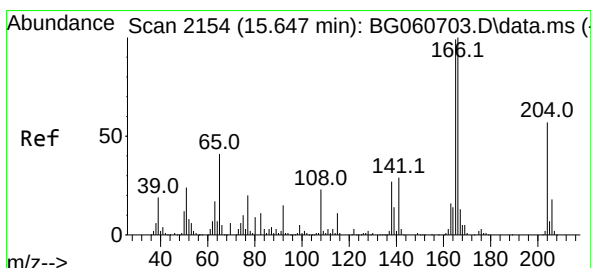
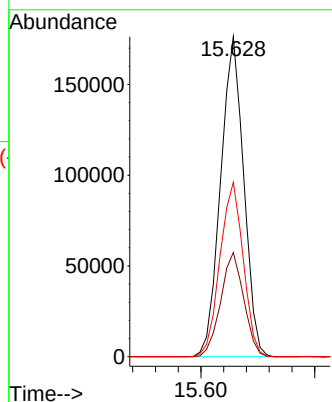
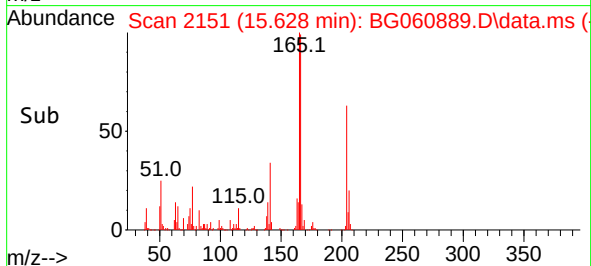


Tgt Ion:204 Resp: 248615
Ion Ratio Lower Upper
204 100
206 32.5 28.3 42.5
141 54.5 47.2 70.8

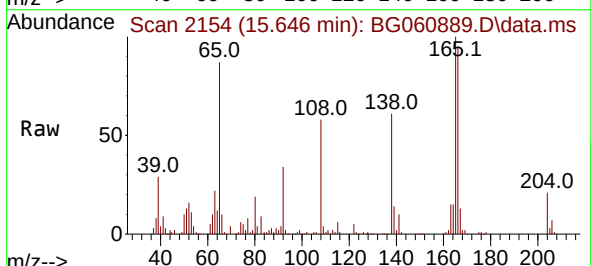
Manual Integrations

APPROVED

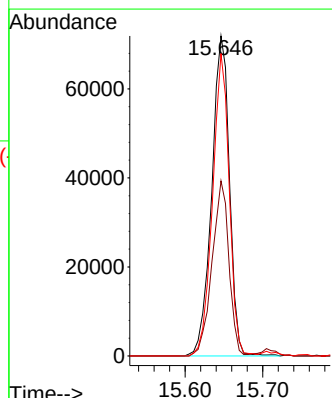
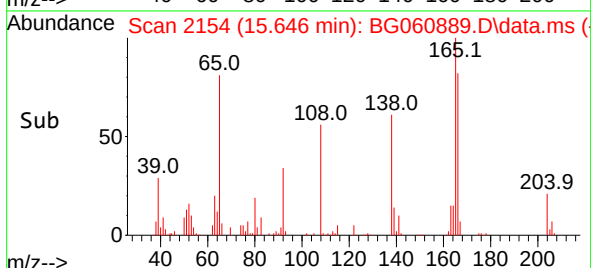
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

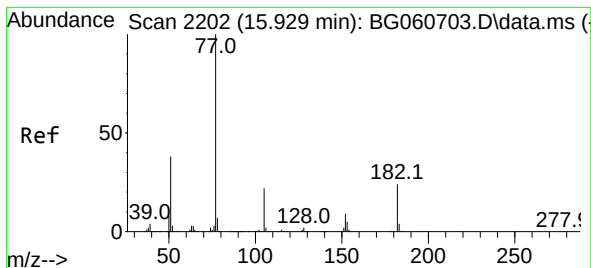


#62
4-Nitroaniline
Concen: 49.748 ng
RT: 15.646 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44



Tgt Ion:138 Resp: 114566
Ion Ratio Lower Upper
138 100
92 54.7 36.8 76.8
108 94.5 66.9 106.9





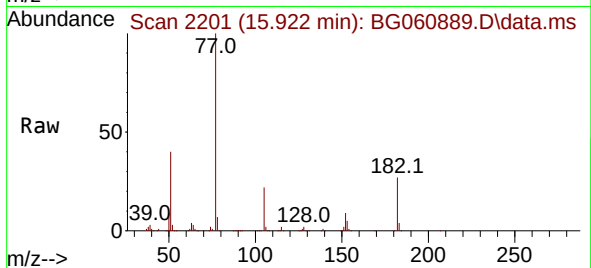
#63
Azobenzene
Concen: 37.414 ng
RT: 15.922 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

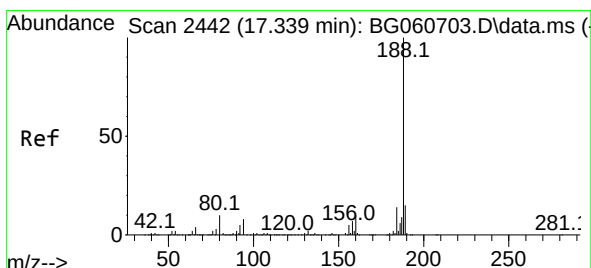
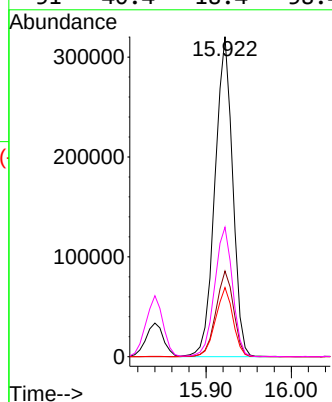
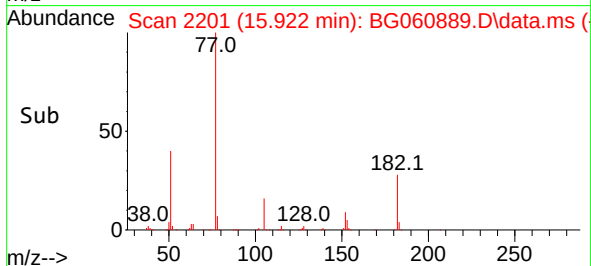


Tgt Ion: 77 Resp: 46201
Ion Ratio Lower Upper
77 100
182 26.8 3.9 43.9
105 21.6 1.7 41.7
51 40.4 18.4 58.4

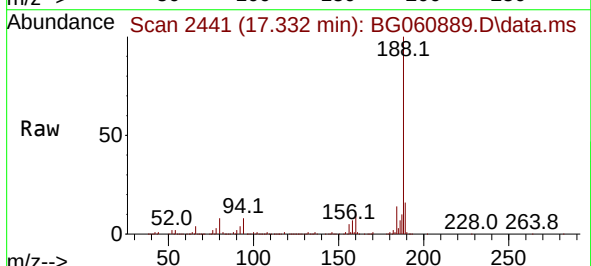
Manual Integrations

APPROVED

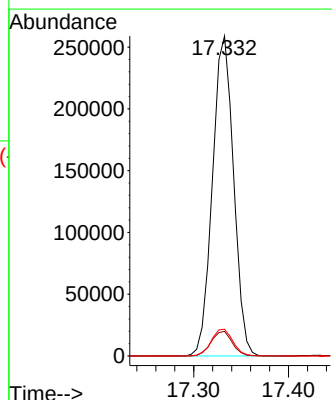
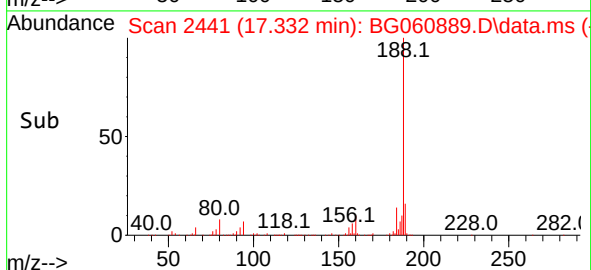
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

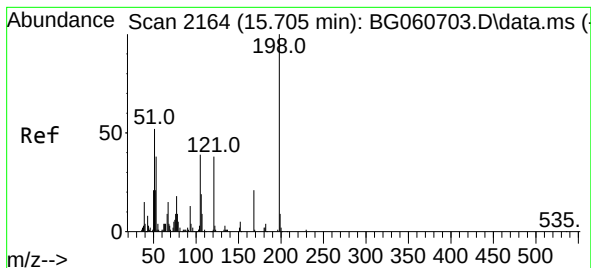


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44



Tgt Ion:188 Resp: 401521
Ion Ratio Lower Upper
188 100
94 7.7 6.6 9.8
80 8.3 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 56.100 ng
RT: 15.711 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

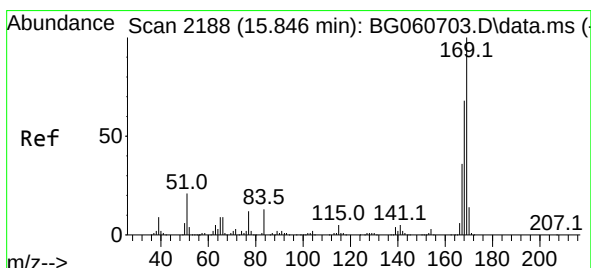
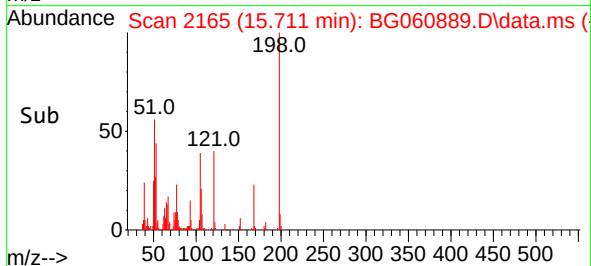
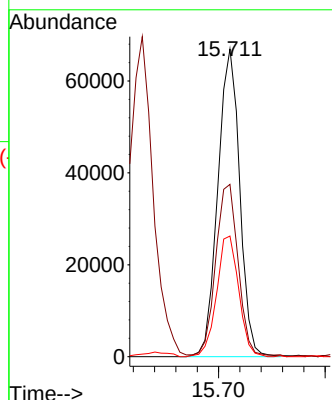
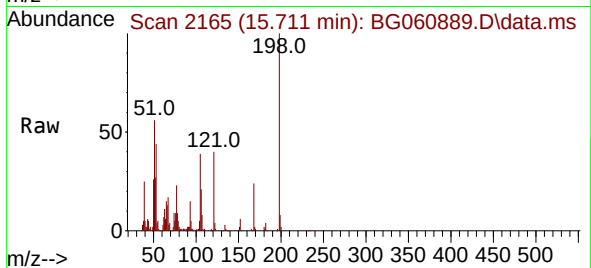
ClientSampleId :

PB160200BS

Tgt Ion:198 Resp: 9526
Ion Ratio Lower Upper
198 100
51 56.0 36.7 76.7
105 39.2 19.1 59.1

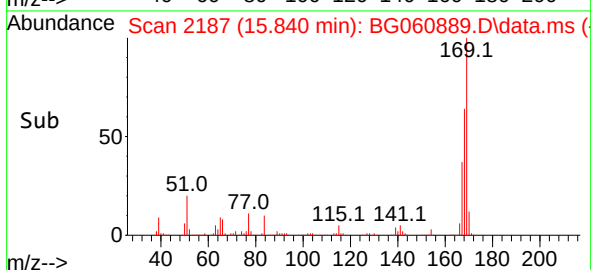
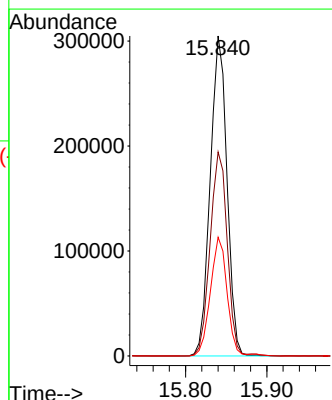
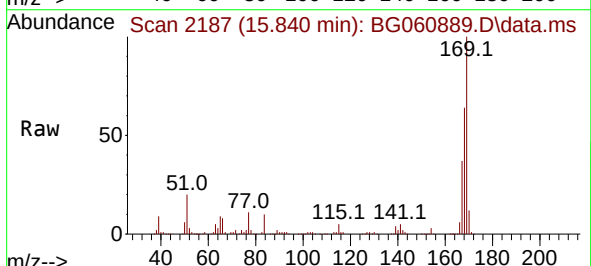
Manual Integrations
APPROVED

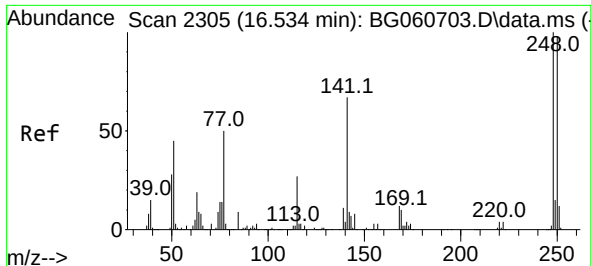
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#66
n-Nitrosodiphenylamine
Concen: 38.002 ng
RT: 15.840 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:169 Resp: 436036
Ion Ratio Lower Upper
169 100
168 63.8 54.5 81.7
167 37.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 43.567 ng
RT: 16.522 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

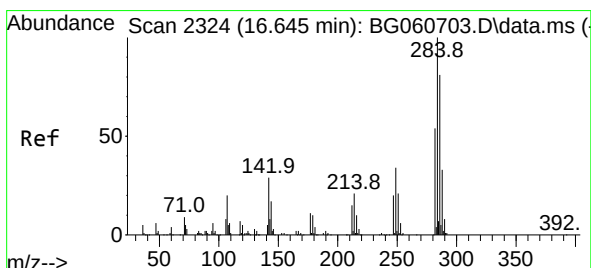
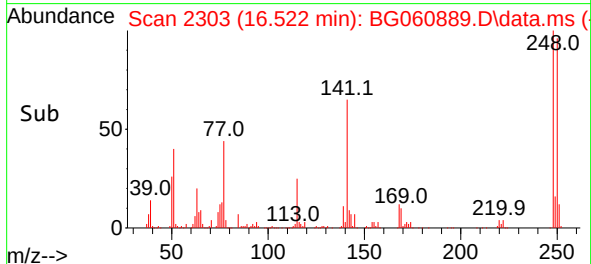
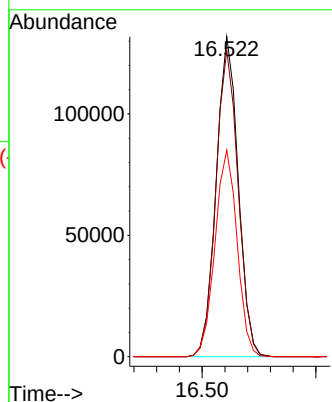
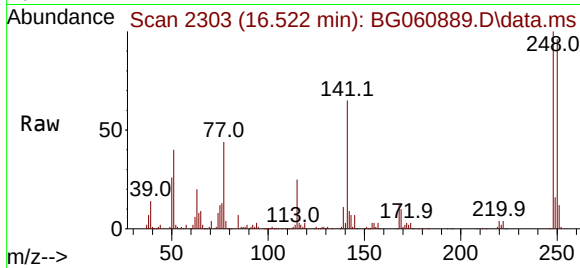
PB160200BS

Tgt Ion:248 Resp: 177530
Ion Ratio Lower Upper
248 100
250 95.8 78.3 117.5
141 64.5 53.7 80.5

Manual Integrations

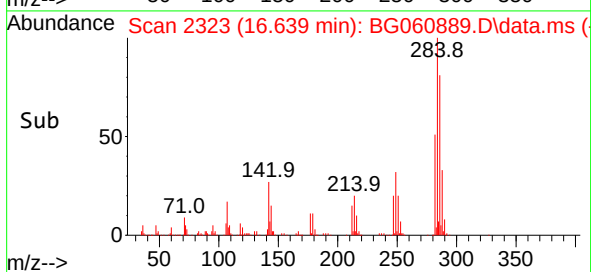
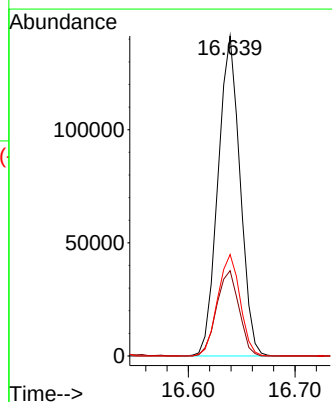
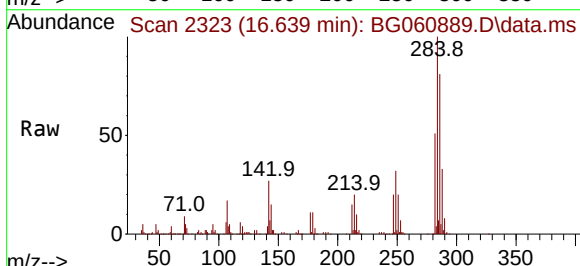
APPROVED

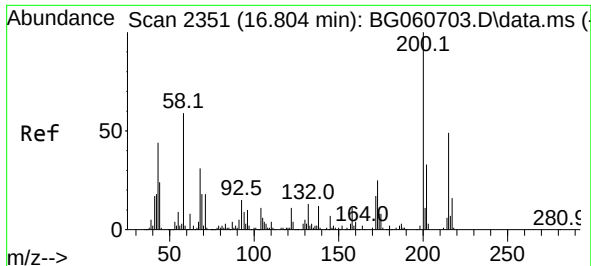
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#68
Hexachlorobenzene
Concen: 44.106 ng
RT: 16.639 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:284 Resp: 202891
Ion Ratio Lower Upper
284 100
142 26.6 22.9 34.3
249 31.7 27.1 40.7





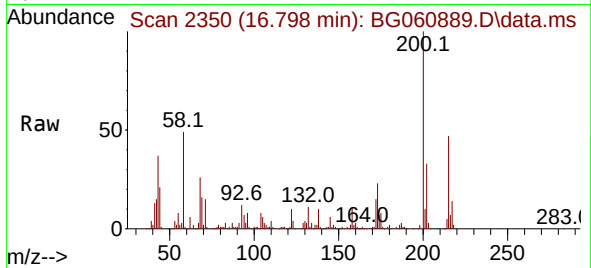
#69
 Atrazine
 Concen: 43.796 ng
 RT: 16.798 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

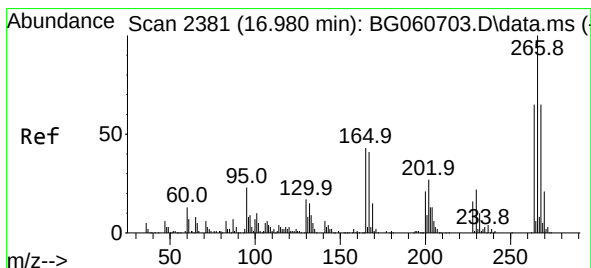
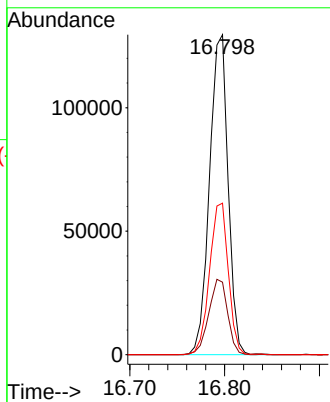
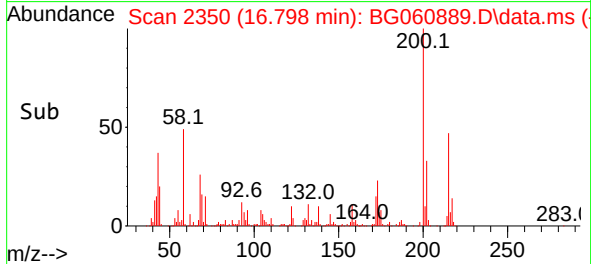


Tgt Ion:200 Resp: 175728
 Ion Ratio Lower Upper
 200 100
 173 22.6 5.2 45.2
 215 47.4 28.8 68.8

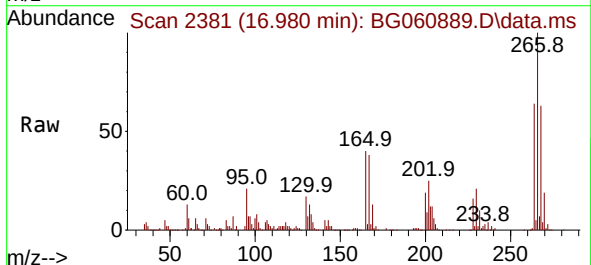
Manual Integrations

APPROVED

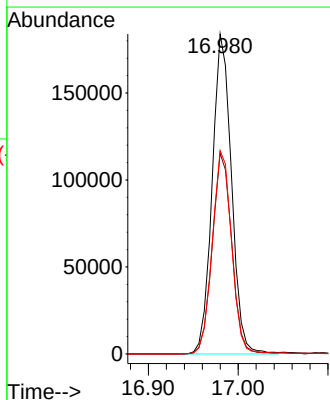
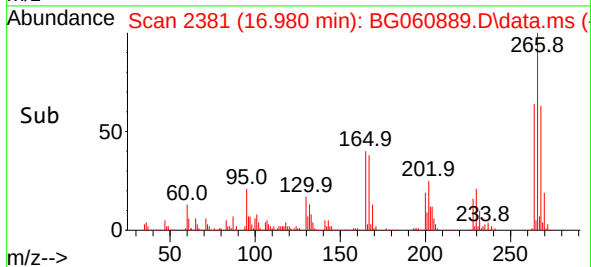
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

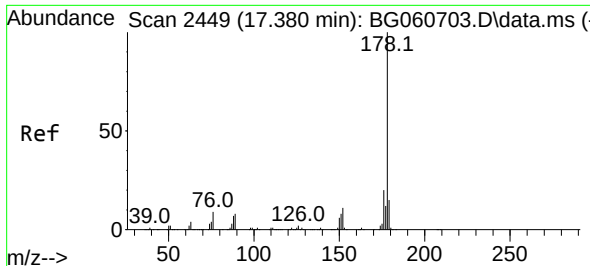


#70
 Pentachlorophenol
 Concen: 91.301 ng
 RT: 16.980 min Scan# 2381
 Delta R.T. -0.000 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44



Tgt Ion:266 Resp: 274043
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.2 78.4
 264 63.5 51.8 77.6





#71
Phenanthrene
Concen: 38.205 ng
RT: 17.374 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

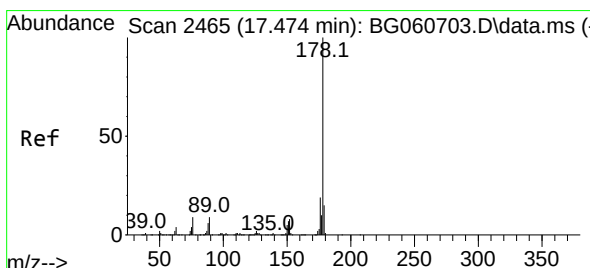
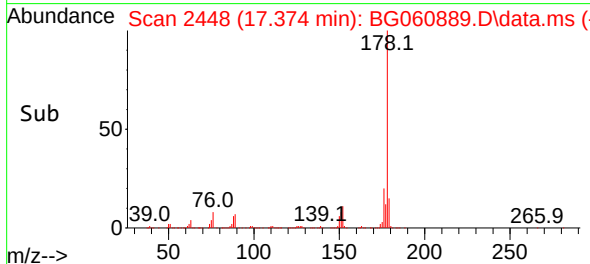
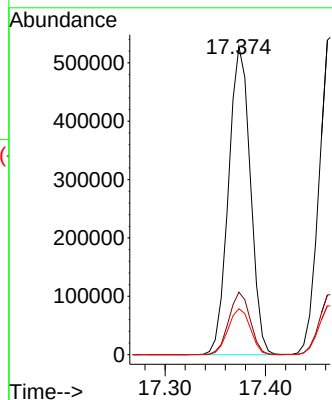
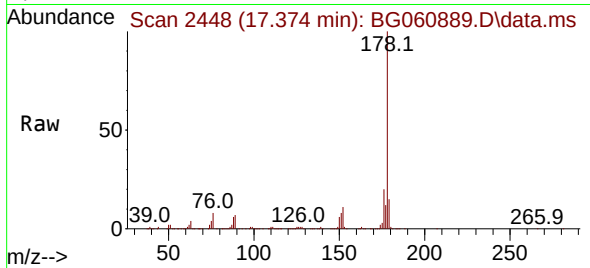
Tgt Ion:178 Resp: 797799
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 14.9 12.2 18.4

Manual Integrations

APPROVED

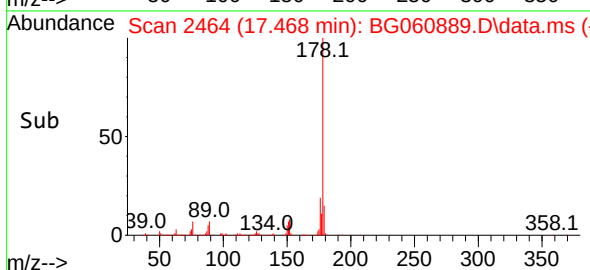
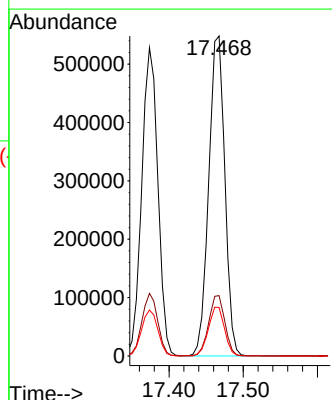
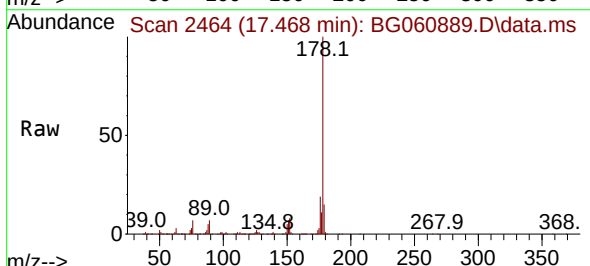
Reviewed By :Yogesh Patel 04/16/2024

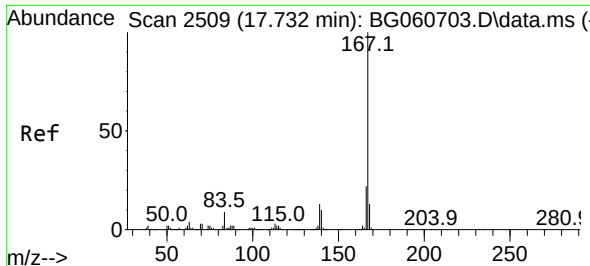
Supervised By :mohammad ahmed 04/17/2024



#72
Anthracene
Concen: 39.083 ng
RT: 17.468 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:178 Resp: 828854
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.2 12.2 18.2





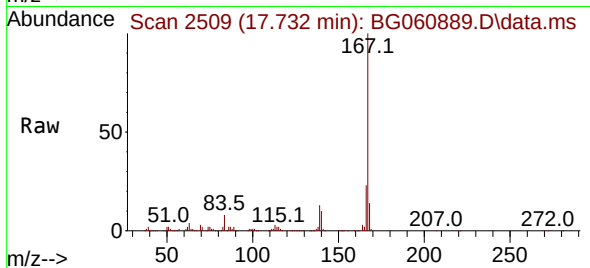
#73
 Carbazole
 Concen: 39.566 ng
 RT: 17.732 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS



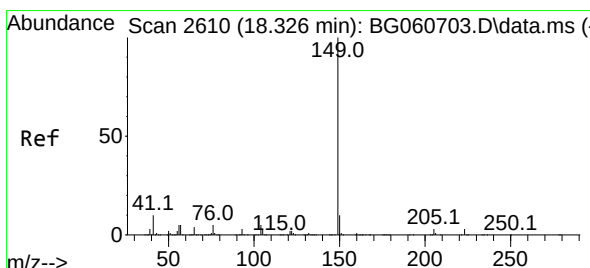
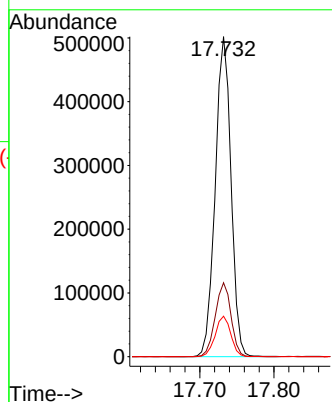
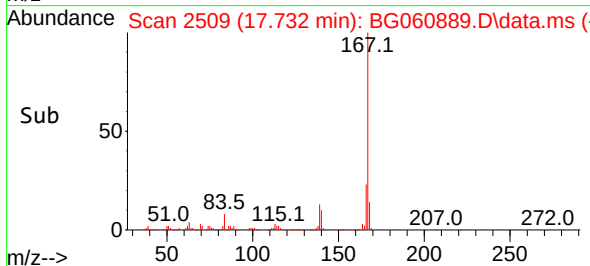
Tgt Ion:167 Resp: 73982
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 12.7 10.5 15.7

Manual Integrations

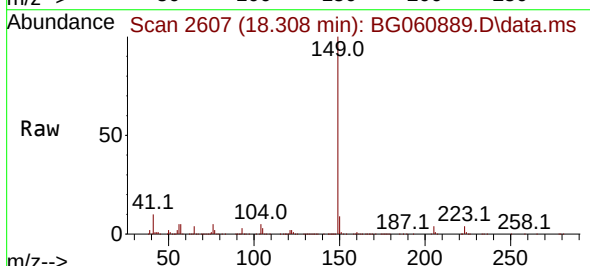
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

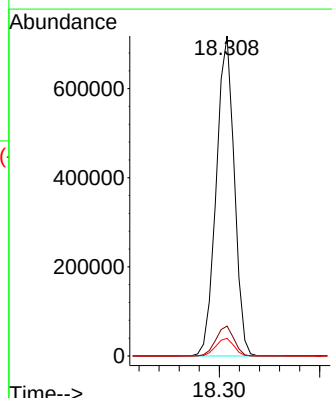
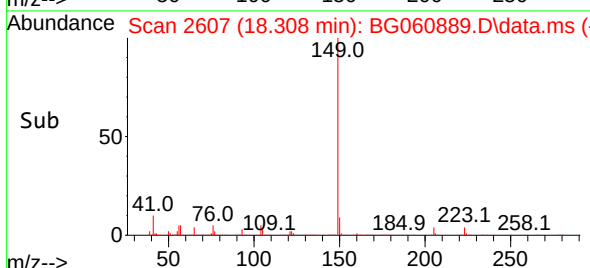
Supervised By :mohammad ahmed 04/17/2024

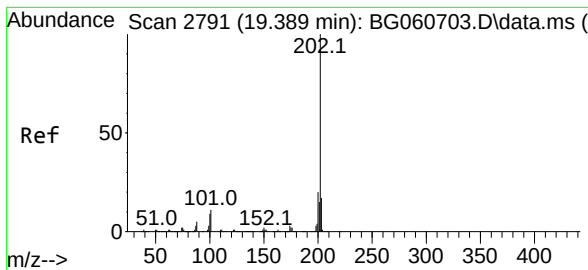


#74
 Di-n-butylphthalate
 Concen: 38.274 ng
 RT: 18.308 min Scan# 2607
 Delta R.T. -0.018 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44



Tgt Ion:149 Resp: 892229
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.5 4.2 6.4





#75
Fluoranthene
Concen: 39.671 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

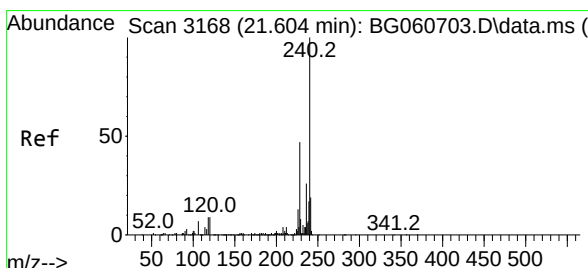
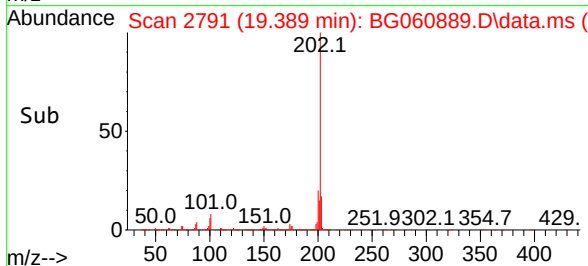
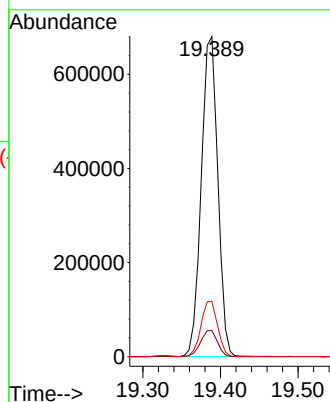
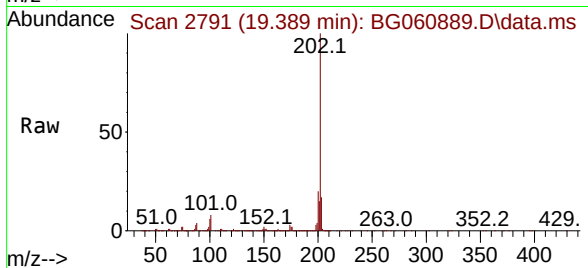
Tgt Ion:202 Resp: 1005239
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.8
203 17.3 0.0 37.4

Manual Integrations

APPROVED

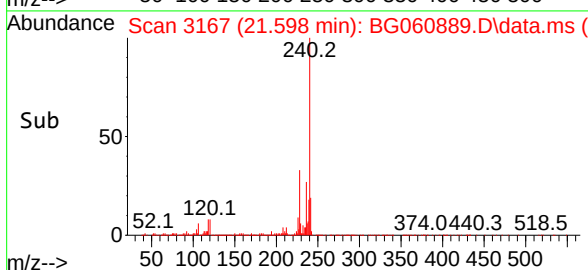
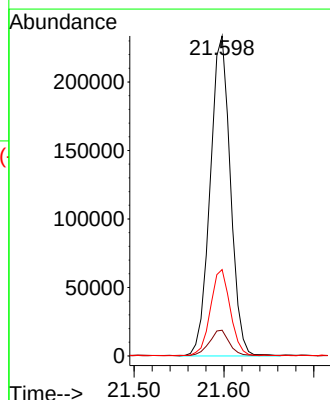
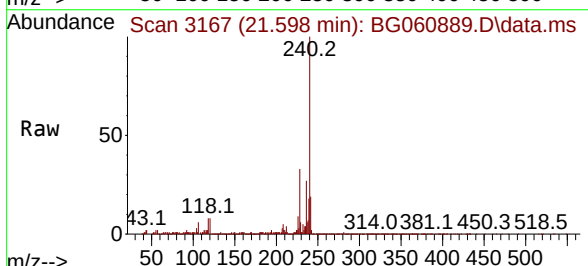
Reviewed By :Yogesh Patel 04/16/2024

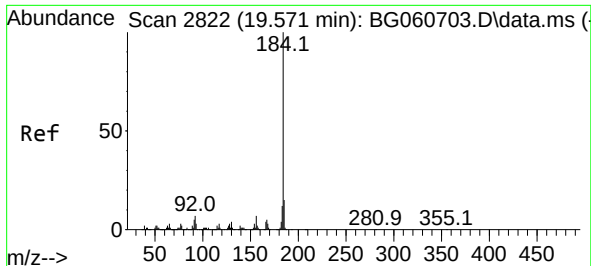
Supervised By :mohammad ahmed 04/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:240 Resp: 365434
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 27.0 20.7 31.1





#77
Benzidine
Concen: 22.088 ng
RT: 19.565 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

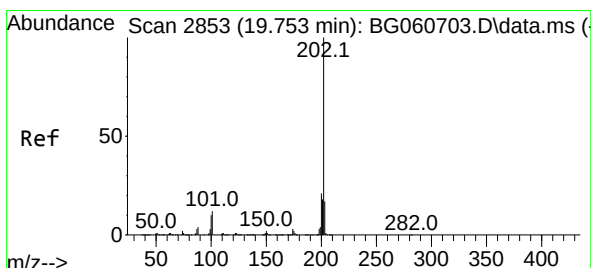
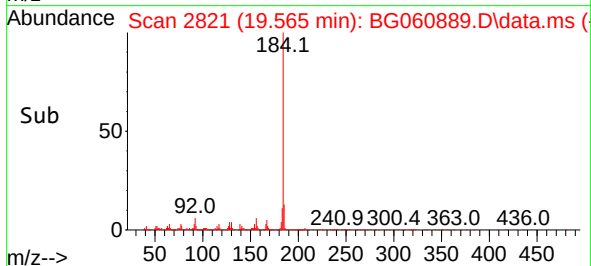
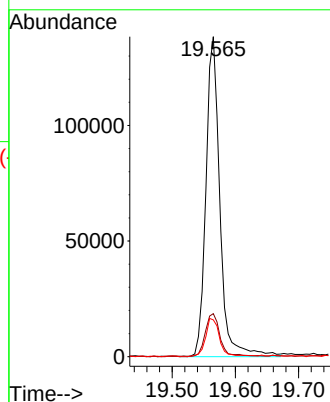
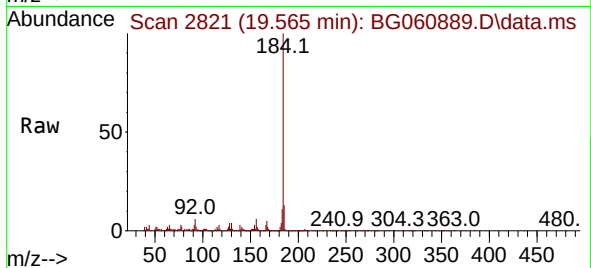
Tgt Ion:184 Resp: 21254
Ion Ratio Lower Upper
184 100
185 13.5 11.8 17.6
183 11.5 9.5 14.3

Manual Integrations

APPROVED

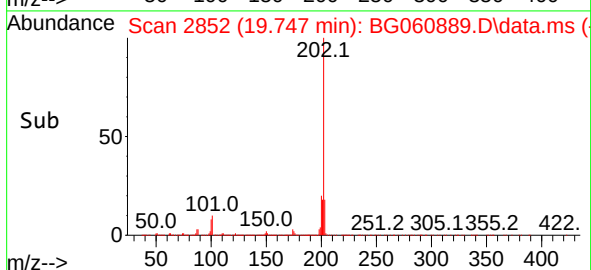
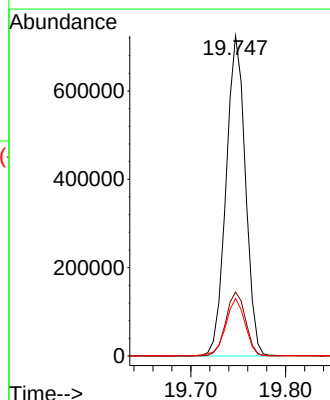
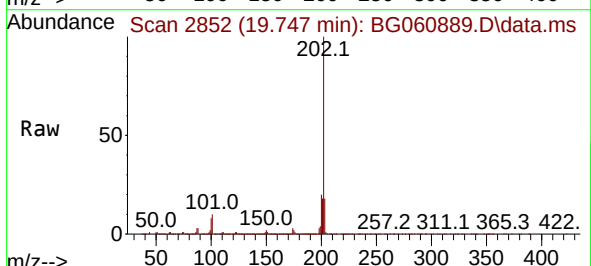
Reviewed By :Yogesh Patel 04/16/2024

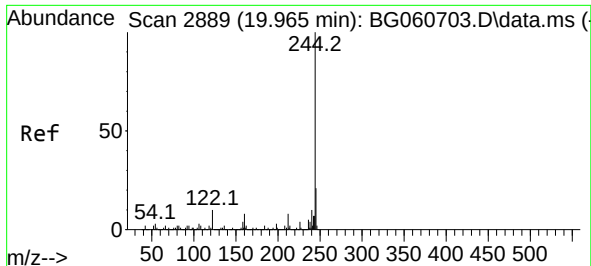
Supervised By :mohammad ahmed 04/17/2024



#78
Pyrene
Concen: 40.192 ng
RT: 19.747 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:202 Resp: 1027214
Ion Ratio Lower Upper
202 100
200 20.0 17.0 25.4
203 17.9 14.0 21.0





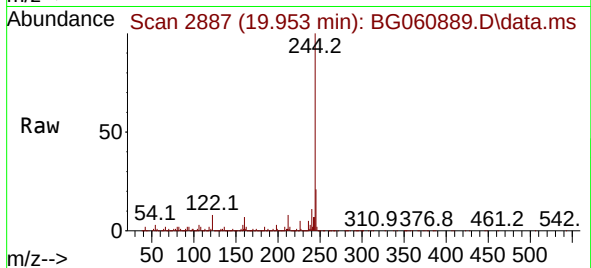
#79
 Terphenyl-d14
 Concen: 80.407 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS



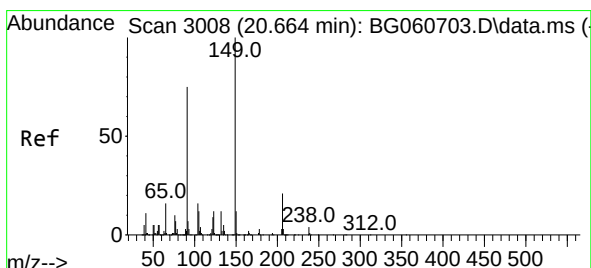
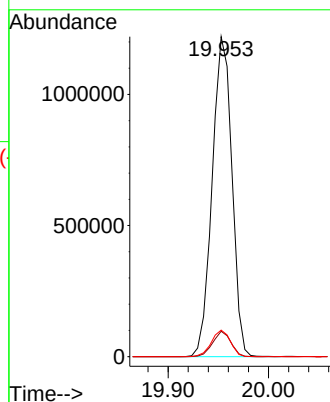
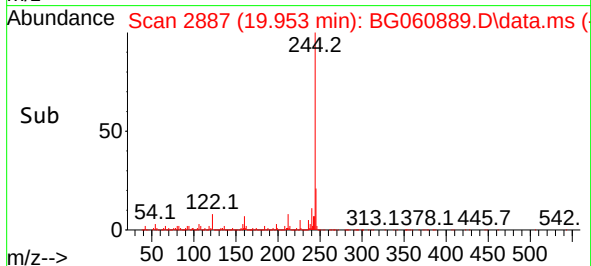
Tgt Ion:244 Resp: 1668724
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 8.3 7.8 11.8

Manual Integrations

APPROVED

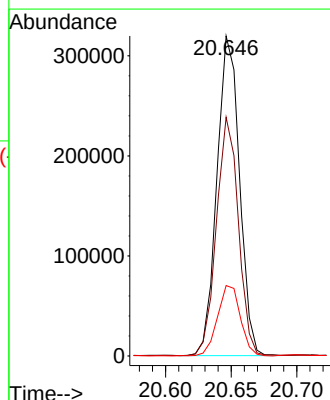
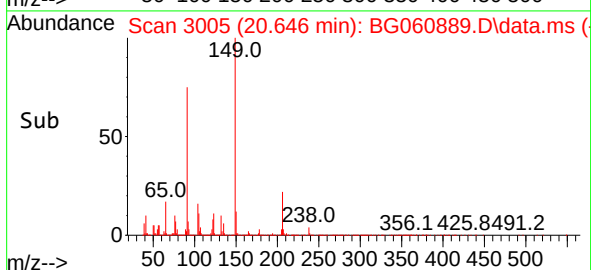
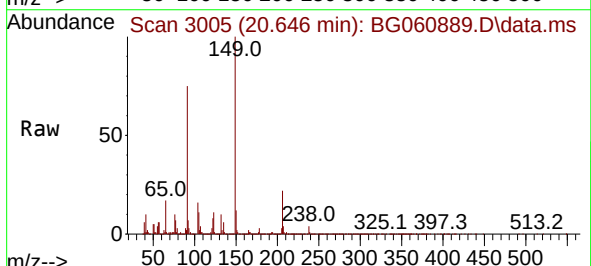
Reviewed By :Yogesh Patel 04/16/2024

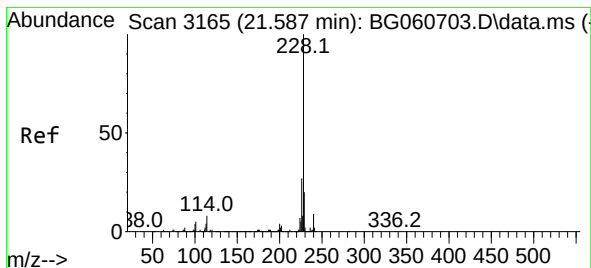
Supervised By :mohammad ahmed 04/17/2024



#80
 Butylbenzylphthalate
 Concen: 40.976 ng
 RT: 20.646 min Scan# 3005
 Delta R.T. -0.018 min
 Lab File: BG060889.D
 Acq: 13 Apr 2024 11:44

Tgt Ion:149 Resp: 382021
 Ion Ratio Lower Upper
 149 100
 91 74.6 60.1 90.1
 206 22.0 16.8 25.2





#81

Benzo(a)anthracene

Concen: 40.174 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

Tgt Ion:228 Resp: 103484

Ion Ratio Lower Upper

228 100

226 26.5 21.7 32.5

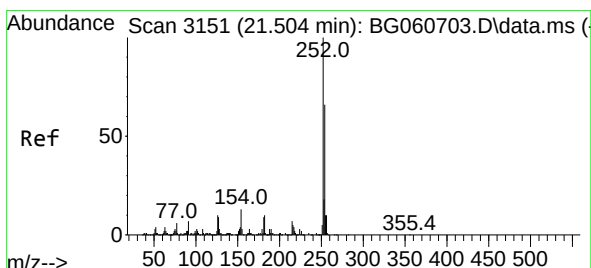
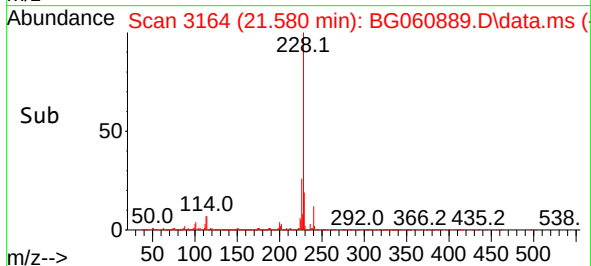
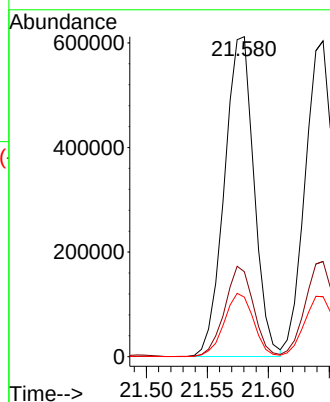
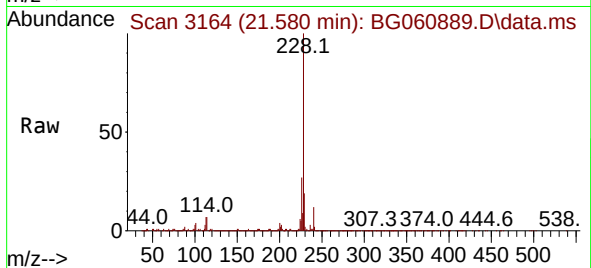
229 18.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#82

3,3'-Dichlorobenzidine

Concen: 29.506 ng

RT: 21.492 min Scan# 3149

Delta R.T. -0.012 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

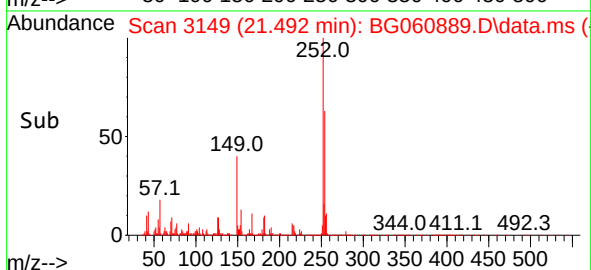
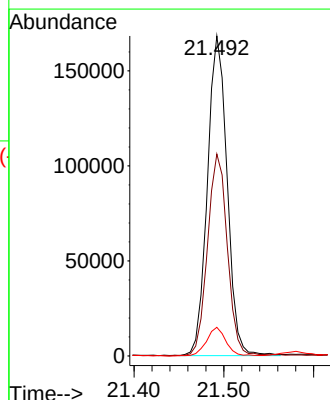
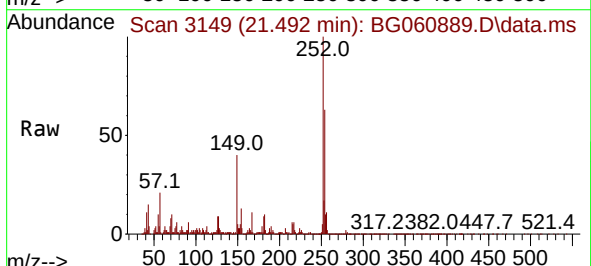
Tgt Ion:252 Resp: 256631

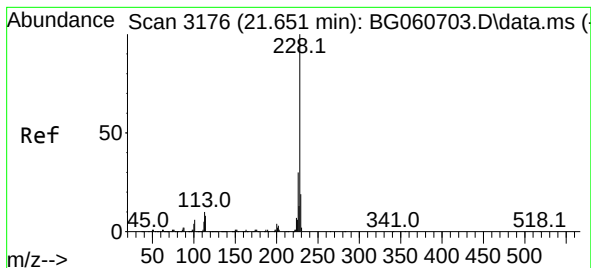
Ion Ratio Lower Upper

252 100

254 63.1 52.6 78.8

126 9.0 7.8 11.8





#83

Chrysene

Concen: 39.364 ng

RT: 21.645 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

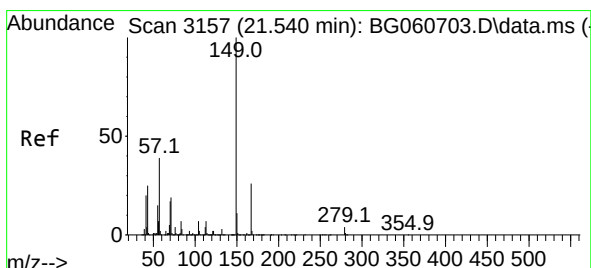
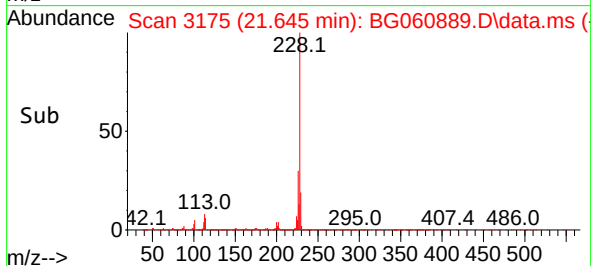
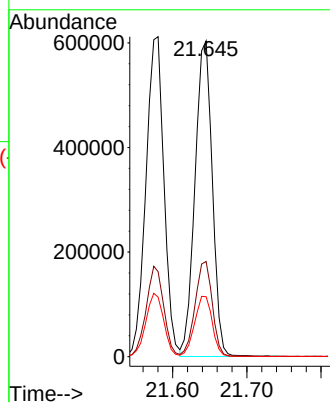
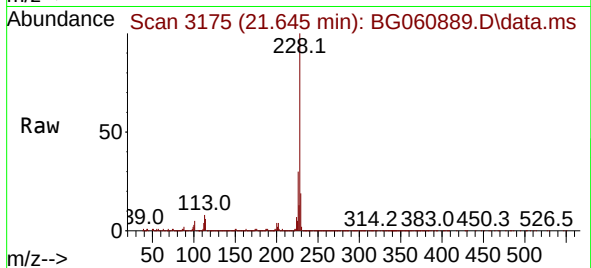
Tgt Ion:228	Resp: 97734
Ion Ratio	Lower Upper
228 100	
226 30.1	24.2 36.4
229 19.0	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.547 ng

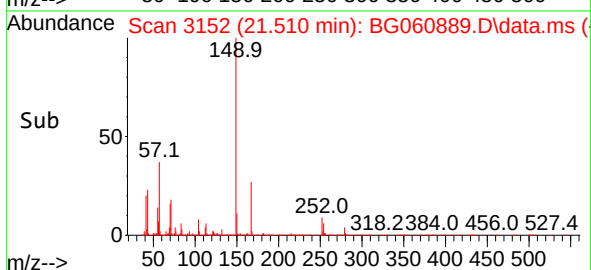
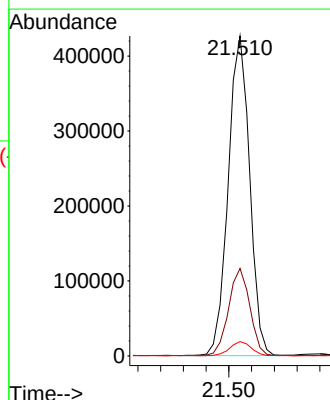
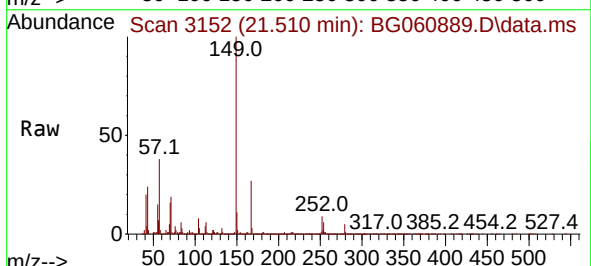
RT: 21.510 min Scan# 3152

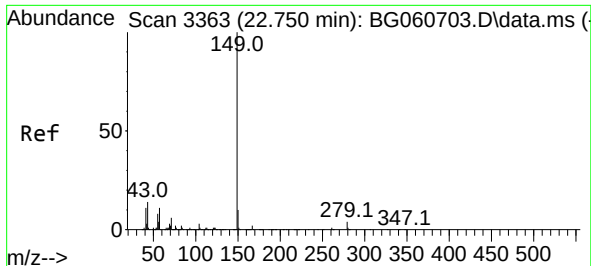
Delta R.T. -0.030 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Tgt Ion:149	Resp: 557943
Ion Ratio	Lower Upper
149 100	
167 27.3	20.6 30.8
279 4.5	3.0 4.4





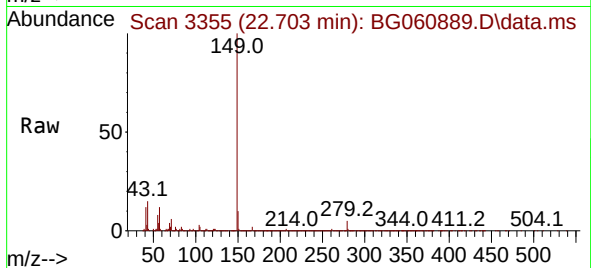
#85
Di-n-octyl phthalate
Concen: 39.787 ng
RT: 22.703 min Scan# 31
Delta R.T. -0.047 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS



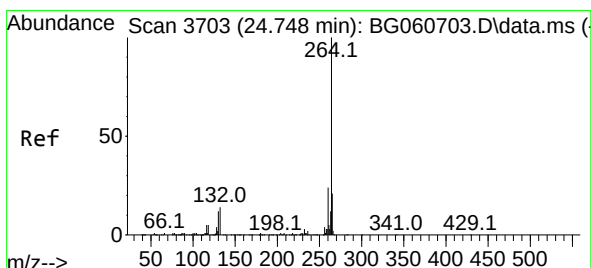
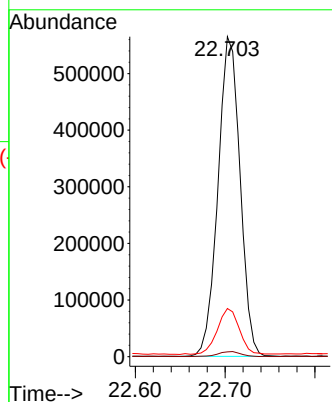
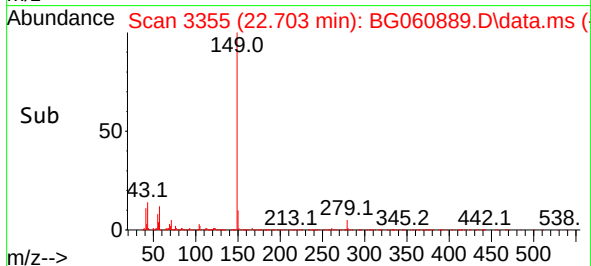
Tgt Ion:149 Resp: 96316
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.4 11.3 16.9

Manual Integrations

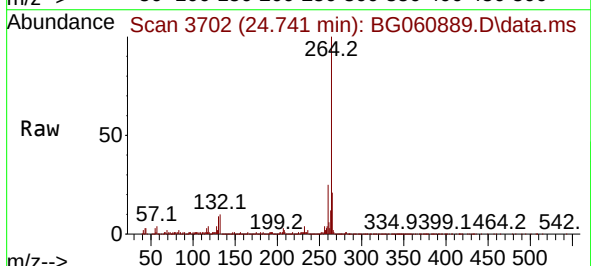
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

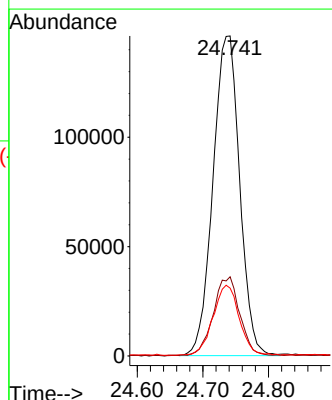
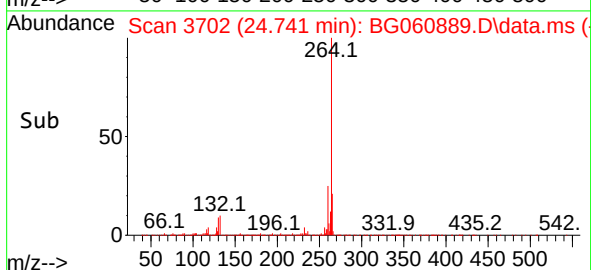
Supervised By :mohammad ahmed 04/17/2024

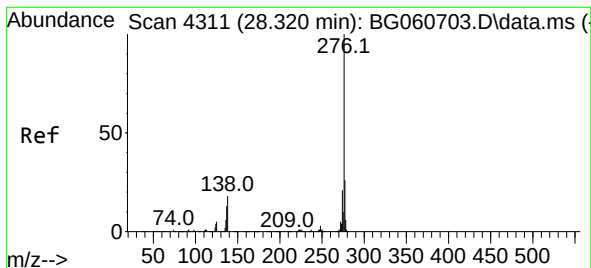


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.741 min Scan# 3702
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44



Tgt Ion:264 Resp: 411946
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 21.2 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.439 ng

RT: 28.302 min Scan# 4311

Delta R.T. -0.018 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

Tgt Ion:276 Resp: 123111

Ion Ratio Lower Upper

276 100

138 12.6 12.4 18.6

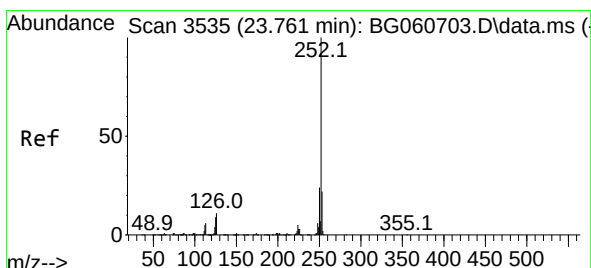
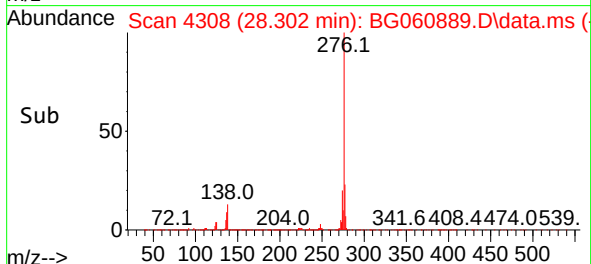
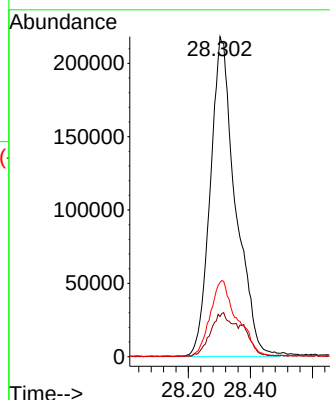
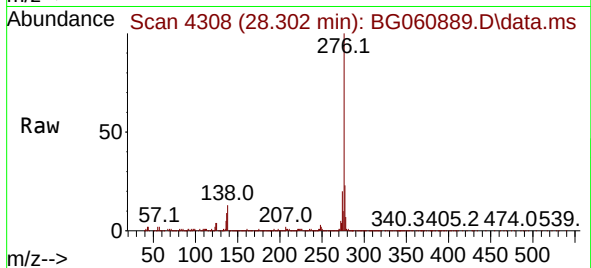
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#88

Benzo(b)fluoranthene

Concen: 42.410 ng

RT: 23.748 min Scan# 3533

Delta R.T. -0.012 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

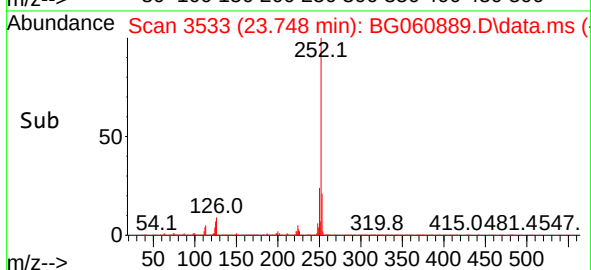
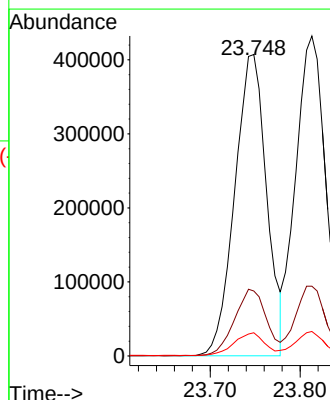
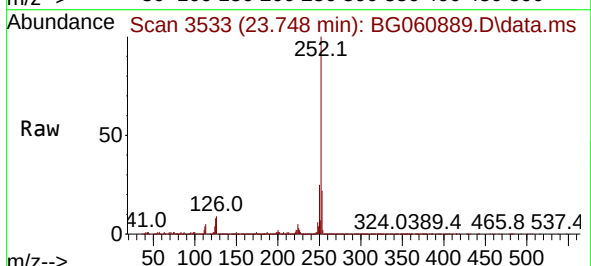
Tgt Ion:252 Resp: 1003689

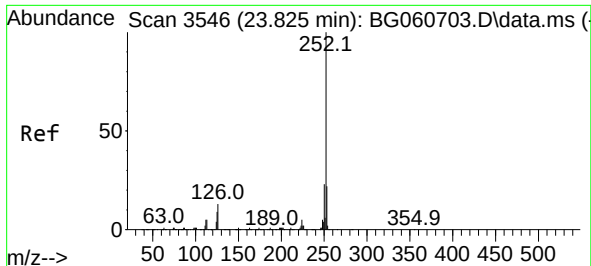
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 7.7 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 40.988 ng
RT: 23.813 min Scan# 3546
Delta R.T. -0.012 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

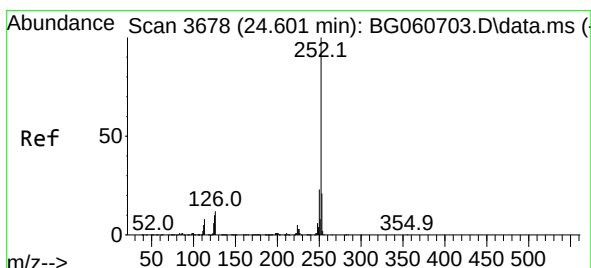
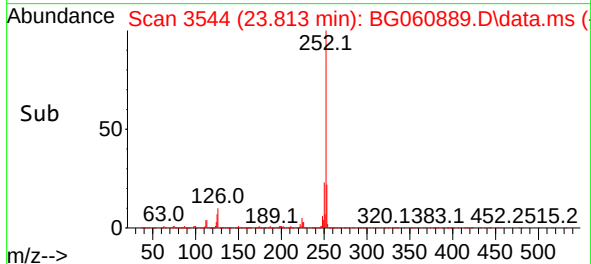
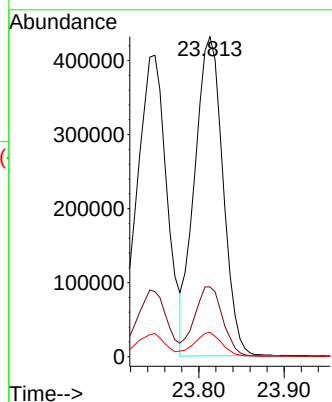
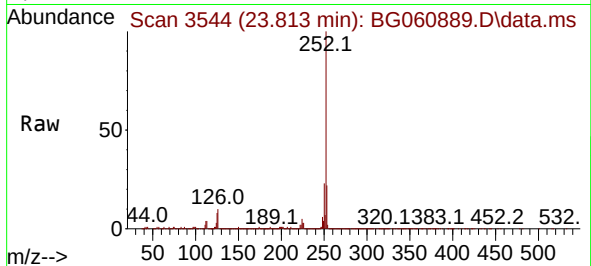
PB160200BS

Tgt Ion:252 Resp: 99286
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 7.7 7.5 11.3

Manual Integrations

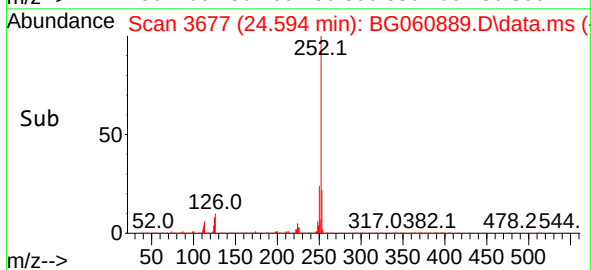
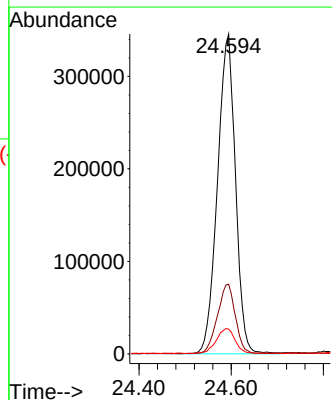
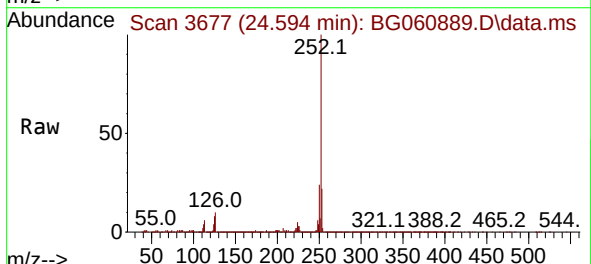
APPROVED

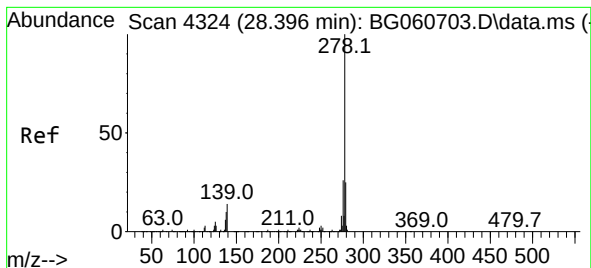
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#90
Benzo(a)pyrene
Concen: 40.575 ng
RT: 24.594 min Scan# 3677
Delta R.T. -0.006 min
Lab File: BG060889.D
Acq: 13 Apr 2024 11:44

Tgt Ion:252 Resp: 933175
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 7.8 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 41.746 ng

RT: 28.378 min Scan# 41

Delta R.T. -0.018 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Instrument :

BNA_G

ClientSampleId :

PB160200BS

Tgt Ion:278 Resp: 1020870

Ion Ratio Lower Upper

278 100

139 11.0 11.1 16.7

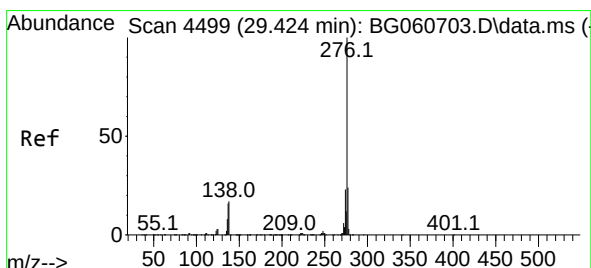
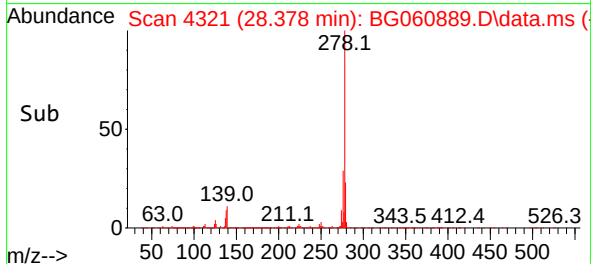
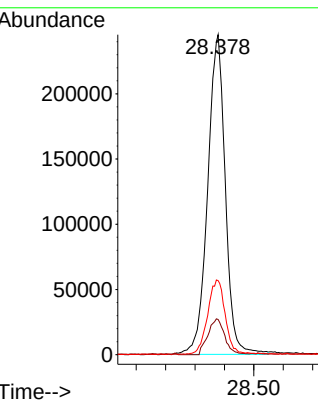
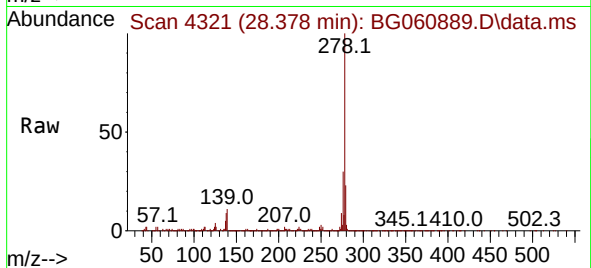
279 23.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 39.795 ng

RT: 29.418 min Scan# 4498

Delta R.T. -0.006 min

Lab File: BG060889.D

Acq: 13 Apr 2024 11:44

Tgt Ion:276 Resp: 946648

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 15.2 14.0 21.0

