

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060897.D
 Acq On : 13 Apr 2024 17:15
 Operator : MA/JU
 Sample : P2070-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Apr 15 01:20:12 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	59143	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	231408	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	180480	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	427869	20.000	ng	-0.01
76) Chrysene-d12	21.592	240	371124	20.000	ng	-0.01
86) Perylene-d12	24.730	264	422825	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	409398	115.316	ng	0.00
7) Phenol-d6	7.121	99	557617	105.812	ng	0.00
23) Nitrobenzene-d5	9.107	82	413314	101.917	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	362628	177.000	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	1067710	86.824	ng	-0.02
79) Terphenyl-d14	19.953	244	1837201	87.168	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.472	88	49909	34.288	ng	# 28
3) Pyridine	3.866	79	140264	31.947	ng	89
4) n-Nitrosodimethylamine	3.766	42	112462	42.852	ng	88
6) Aniline	7.280	93	82301	12.367	ng	94
8) 2-Chlorophenol	7.515	128	180942	44.956	ng	94
9) Benzaldehyde	7.080	77	12365m	4.255	ng	
10) Phenol	7.144	94	215757	40.117	ng	94
11) bis(2-Chloroethyl)ether	7.374	93	163838	37.731	ng	95
12) 1,3-Dichlorobenzene	7.838	146	185902	44.415	ng	96
13) 1,4-Dichlorobenzene	7.985	146	188831	44.220	ng	99
14) 1,2-Dichlorobenzene	8.302	146	185032	44.215	ng	98
15) Benzyl Alcohol	8.184	79	173165	40.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.466	45	405706	41.401	ng	99
17) 2-Methylphenol	8.390	107	159708	39.336	ng	99
18) Hexachloroethane	9.031	117	66244	43.679	ng	# 84
19) n-Nitroso-di-n-propyla...	8.754	70	155256	38.632	ng	99
20) 3+4-Methylphenols	8.719	107	217579	39.134	ng	95
22) Acetophenone	8.766	105	287855	45.113	ng	# 97
24) Nitrobenzene	9.148	77	215262	47.704	ng	# 94
25) Isophorone	9.671	82	406310	43.499	ng	99
26) 2-Nitrophenol	9.853	139	97823	59.088	ng	90
27) 2,4-Dimethylphenol	9.918	122	135822	36.198	ng	96
28) bis(2-Chloroethoxy)met...	10.153	93	232035	42.077	ng	98
29) 2,4-Dichlorophenol	10.394	162	186174	54.033	ng	96
30) 1,2,4-Trichlorobenzene	10.611	180	195732	50.168	ng	99
31) Naphthalene	10.799	128	542943	43.374	ng	98
32) Benzoic acid	10.059	122	120511	48.234	ng	94
34) Hexachlorobutadiene	11.087	225	138691	53.338	ng	98
35) Caprolactam	11.674	113	54053m	39.609	ng	
36) 4-Chloro-3-methylphenol	12.033	107	212896	48.368	ng	97
37) 2-Methylnaphthalene	12.403	142	401568	43.634	ng	99
38) 1-Methylnaphthalene	12.620	142	377100	43.375	ng	97
40) 1,2,4,5-Tetrachloroben...	12.773	216	264223	50.924	ng	98
41) Hexachlorocyclopentadiene	12.756	237	302724	114.743	ng	99
43) 2,4,6-Trichlorophenol	13.008	196	186134	55.712	ng	96
44) 2,4,5-Trichlorophenol	13.085	196	204240	51.225	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060897.D
 Acq On : 13 Apr 2024 17:15
 Operator : MA/JU
 Sample : P2070-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 01:20:12 2024

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

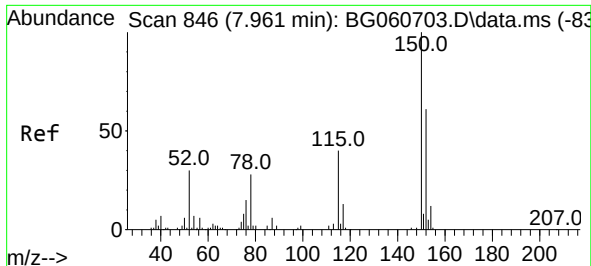
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.414	154	590225	46.300	ng	98
47) 2-Chloronaphthalene	13.455	162	456533	47.136	ng	99
48) 2-Nitroaniline	13.655	65	174277	54.280	ng	98
49) Acenaphthylene	14.301	152	783390	48.137	ng	99
50) Dimethylphthalate	14.042	163	648894	45.488	ng	99
51) 2,6-Dinitrotoluene	14.148	165	135317	52.617	ng	96
52) Acenaphthene	14.642	154	541461m	52.991	ng	
53) 3-Nitroaniline	14.477	138	24384	11.037	ng	# 96
54) 2,4-Dinitrophenol	14.689	184	170318	171.527	ng	90
55) Dibenzofuran	14.976	168	727242	45.122	ng	98
56) 4-Nitrophenol	14.794	139	202955	97.320	ng	96
57) 2,4-Dinitrotoluene	14.941	165	199218	58.554	ng	93
58) Fluorene	15.629	166	599312	46.332	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.206	232	194185	55.886	ng	96
60) Diethylphthalate	15.405	149	632425	44.065	ng	100
61) 4-Chlorophenyl-phenyle...	15.623	204	326432	47.701	ng	97
62) 4-Nitroaniline	15.646	138	106107	40.683	ng	95
63) Azobenzene	15.917	77	599340	42.855	ng	97
65) 4,6-Dinitro-2-methylph...	15.705	198	121147	65.589	ng	98
66) n-Nitrosodiphenylamine	15.840	169	501273	40.997	ng	96
67) 4-Bromophenyl-phenylether	16.522	248	229581	52.871	ng	95
68) Hexachlorobenzene	16.633	284	263062	53.665	ng	97
69) Atrazine	16.786	200	70166	16.410	ng	99
70) Pentachlorophenol	16.980	266	343180	107.294	ng	97
71) Phenanthrene	17.374	178	1010019	45.389	ng	100
72) Anthracene	17.462	178	1030302	45.591	ng	100
73) Carbazole	17.726	167	791120	39.705	ng	99
74) Di-n-butylphthalate	18.302	149	1085787	43.709	ng	100
75) Fluoranthene	19.383	202	1211111	44.852	ng	97
78) Pyrene	19.741	202	1241508	47.832	ng	99
80) Butylbenzylphthalate	20.646	149	465021	49.114	ng	94
81) Benzo(a)anthracene	21.575	228	1233660	47.158	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	32408m	3.669	ng	
83) Chrysene	21.639	228	1162774	46.115	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	660019	43.735	ng	97
85) Di-n-octyl phthalate	22.697	149	1129119	45.927	ng	100
87) Indeno(1,2,3-cd)pyrene	28.290	276	1457700	48.956	ng	# 95
88) Benzo(b)fluoranthene	23.737	252	1218395	50.158	ng	98
89) Benzo(k)fluoranthene	23.807	252	1175051m	47.261	ng	
90) Benzo(a)pyrene	24.577	252	1101444	46.659	ng	98
91) Dibenzo(a,h)anthracene	28.367	278	1216002	48.446	ng	# 96
92) Benzo(g,h,i)perylene	29.401	276	1100835	45.086	ng	97

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



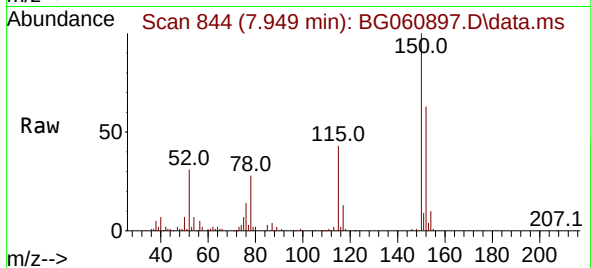
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.949 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BG060897.D
 Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

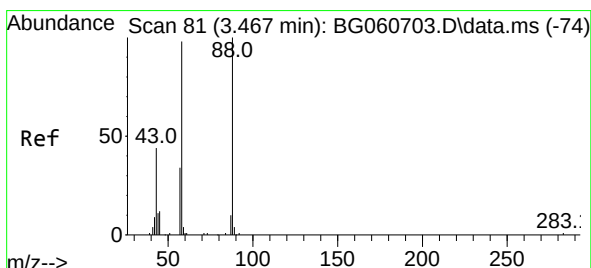
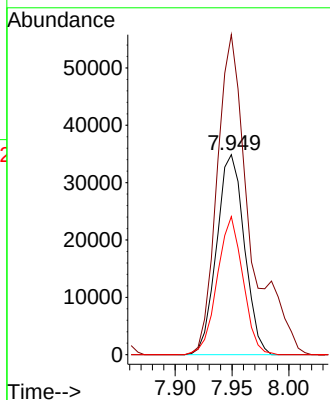
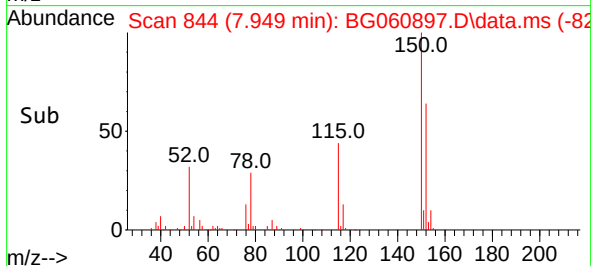


Tgt Ion:152 Resp: 5914
 Ion Ratio Lower Upper
 152 100
 150 159.9 130.2 195.4
 115 69.0 51.6 77.4

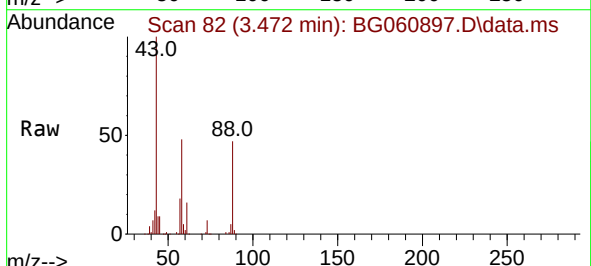
Manual Integrations

APPROVED

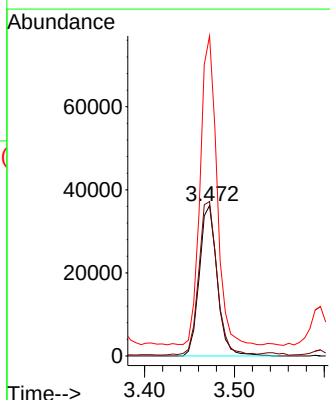
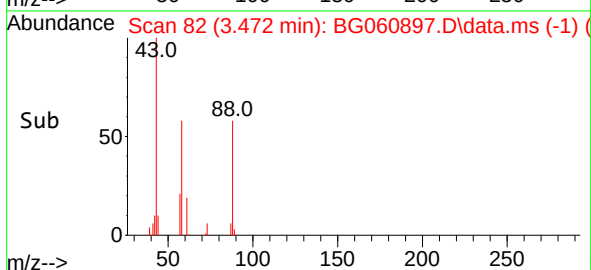
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

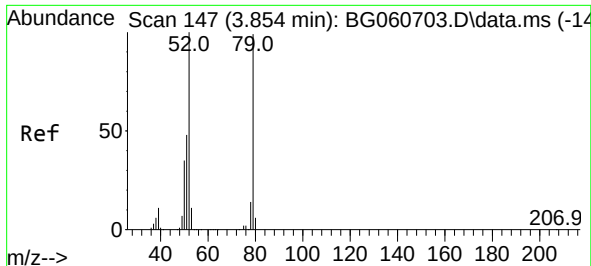


#2
 1,4-Dioxane
 Concen: 34.288 ng
 RT: 3.472 min Scan# 82
 Delta R.T. 0.006 min
 Lab File: BG060897.D
 Acq: 13 Apr 2024 17:15



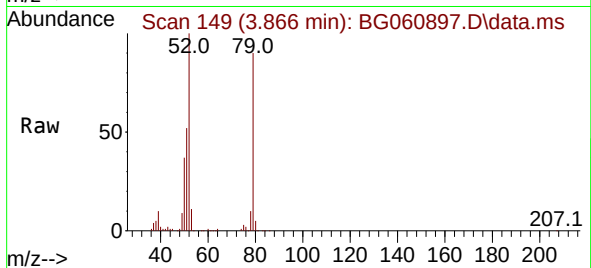
Tgt Ion: 88 Resp: 49909
 Ion Ratio Lower Upper
 88 100
 58 104.5 80.9 121.3
 43 193.3 35.4 53.0#





#3
Pyridine
Concen: 31.947 ng
RT: 3.866 min Scan# 147
Delta R.T. 0.011 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

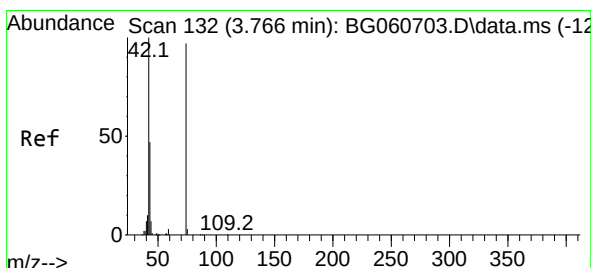
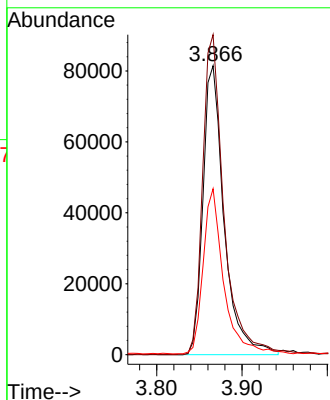
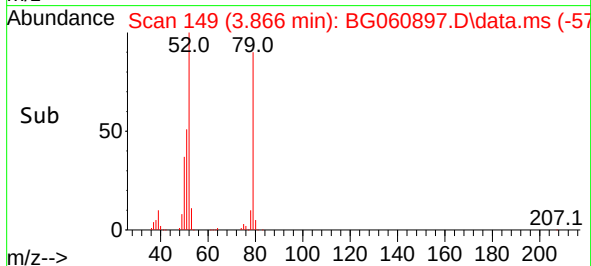
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 79 Resp: 140264
Ion Ratio Lower Upper
79 100
52 110.7 80.6 120.8
51 57.4 39.1 58.7

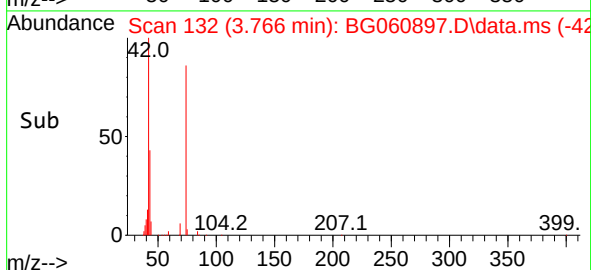
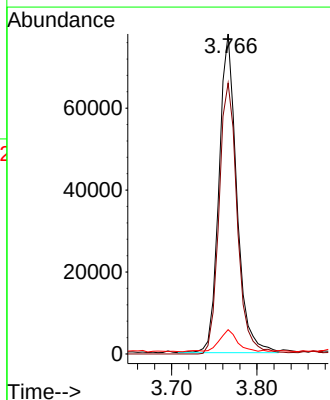
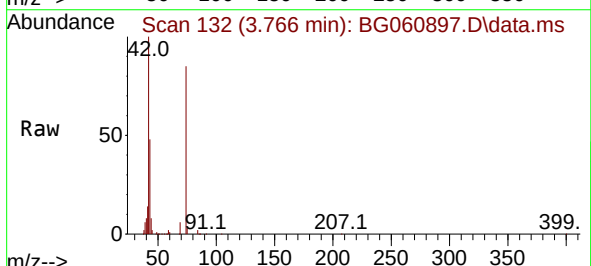
Manual Integrations
APPROVED

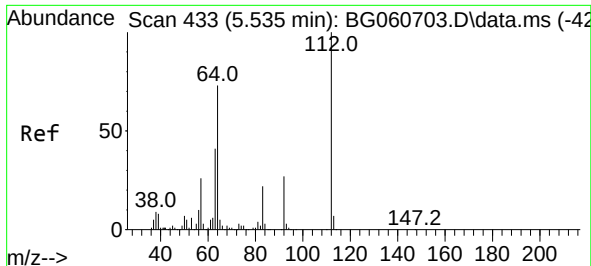
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#4
n-Nitrosodimethylamine
Concen: 42.852 ng
RT: 3.766 min Scan# 132
Delta R.T. -0.000 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion: 42 Resp: 112462
Ion Ratio Lower Upper
42 100
74 84.6 77.8 116.8
44 7.6 6.8 10.2





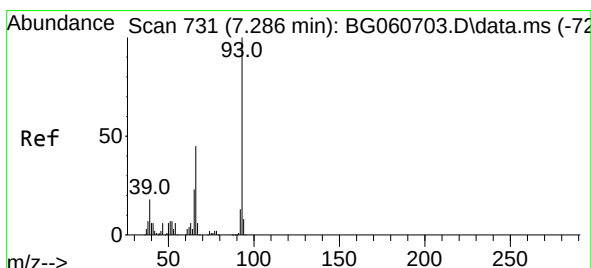
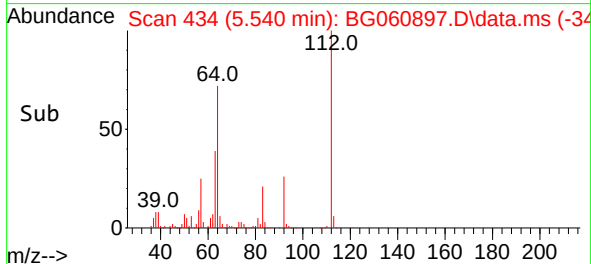
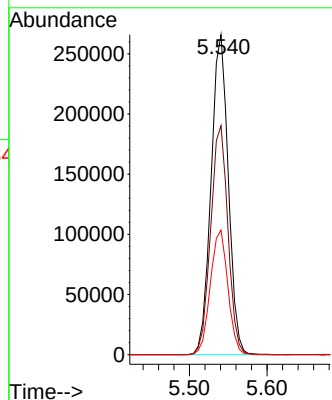
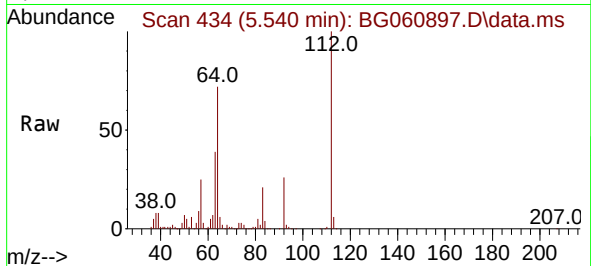
#5
2-Fluorophenol
Concen: 115.316 ng
RT: 5.540 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 112 Resp: 409398
Ion Ratio Lower Upper
112 100
64 71.6 58.4 87.6
63 39.0 32.7 49.1

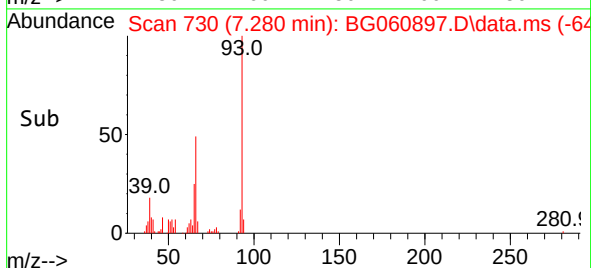
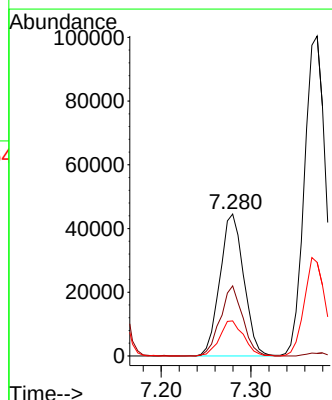
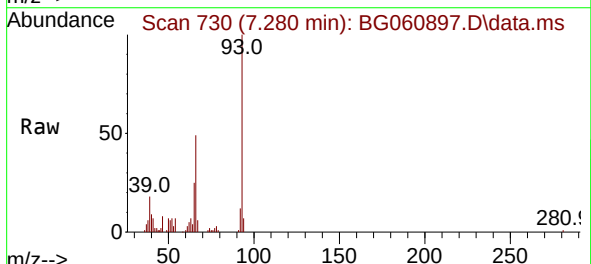
Manual Integrations
APPROVED

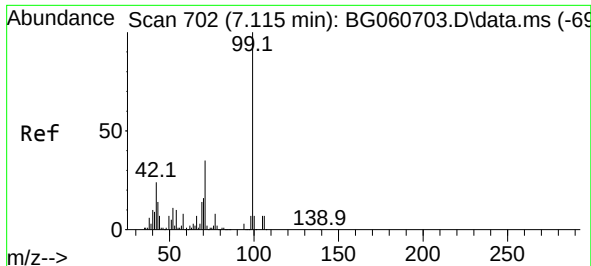
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#6
Aniline
Concen: 12.367 ng
RT: 7.280 min Scan# 730
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion: 93 Resp: 82301
Ion Ratio Lower Upper
93 100
66 49.3 36.1 54.1
65 24.7 18.1 27.1





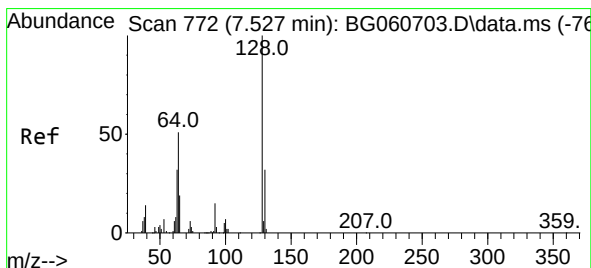
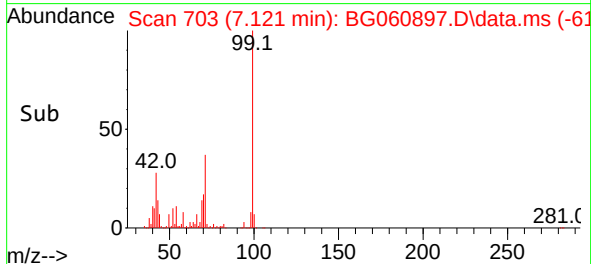
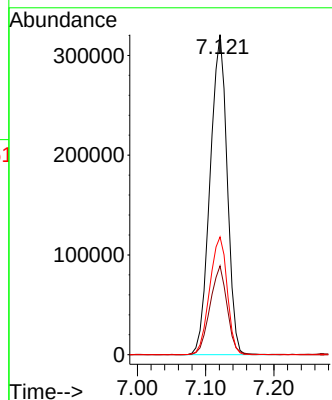
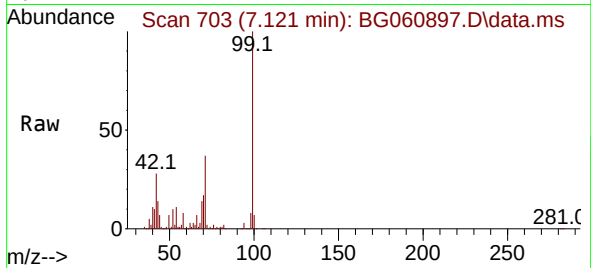
#7
Phenol-d6
Concen: 105.812 ng
RT: 7.121 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 99 Resp: 55761
Ion Ratio Lower Upper
99 100
42 27.8 19.4 29.2
71 36.8 28.2 42.2

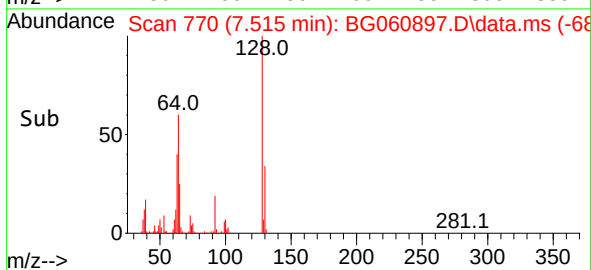
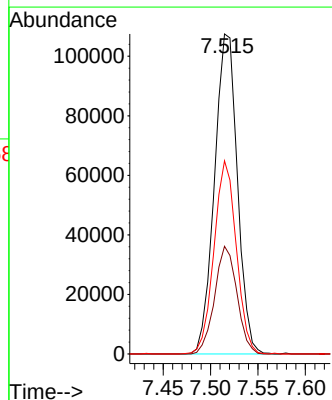
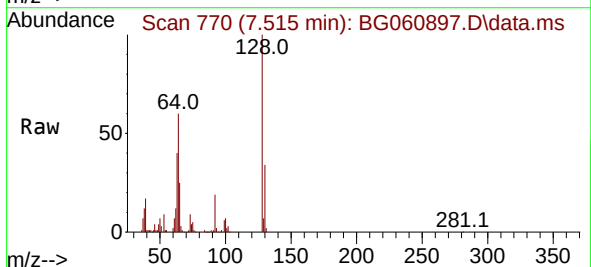
Manual Integrations
APPROVED

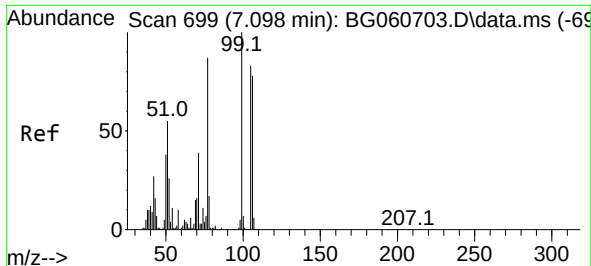
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#8
2-Chlorophenol
Concen: 44.956 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:128 Resp: 180942
Ion Ratio Lower Upper
128 100
130 33.6 12.3 52.3
64 60.4 35.0 75.0





#9
Benzaldehyde
Concen: 4.255 ng m
RT: 7.080 min Scan# 699
Delta R.T. -0.018 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

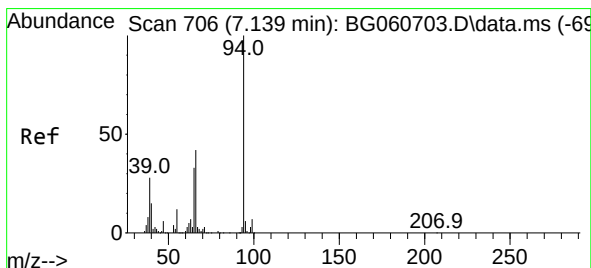
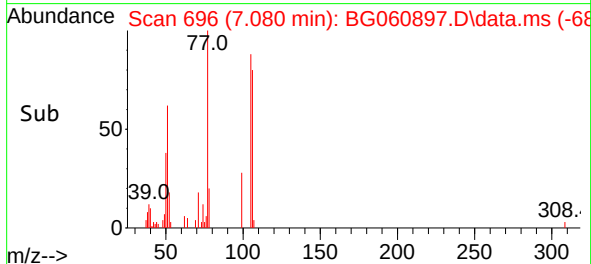
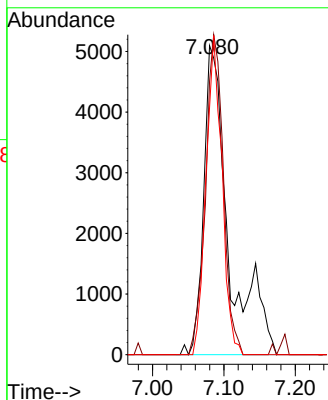
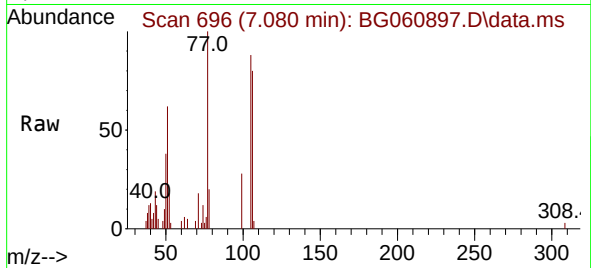
ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 1236
Ion Ratio Lower Upper
77 100
105 88.4 76.0 116.0
106 80.0 70.3 110.3

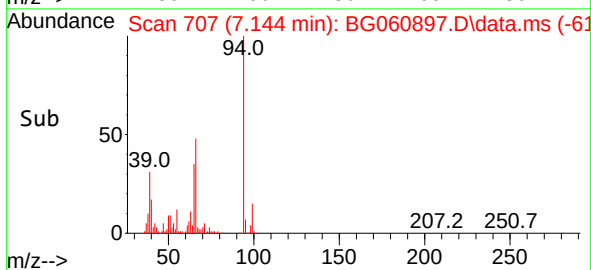
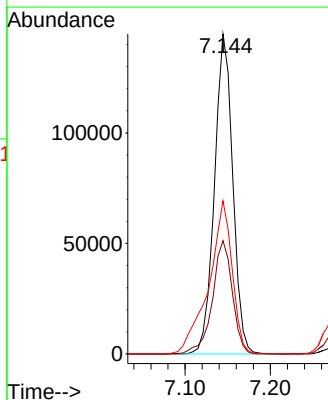
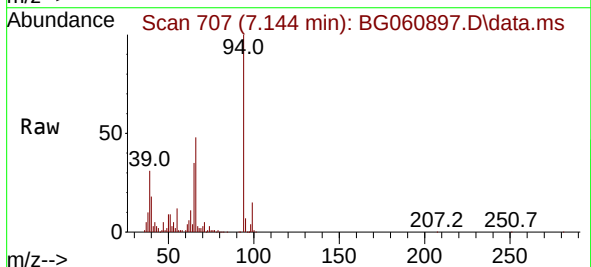
Manual Integrations
APPROVED

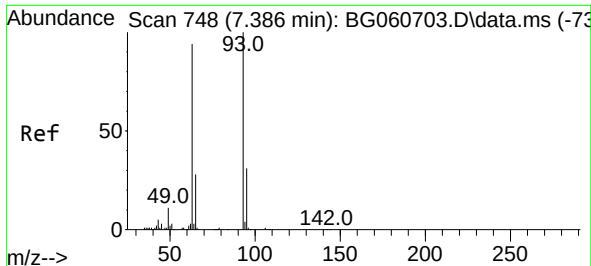
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#10
Phenol
Concen: 40.117 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

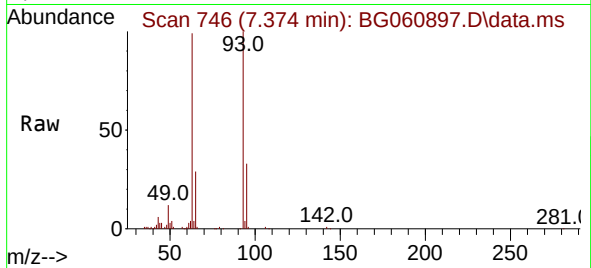
Tgt Ion: 94 Resp: 215757
Ion Ratio Lower Upper
94 100
65 35.4 13.3 53.3
66 47.8 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 37.731 ng
RT: 7.374 min Scan# 748
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

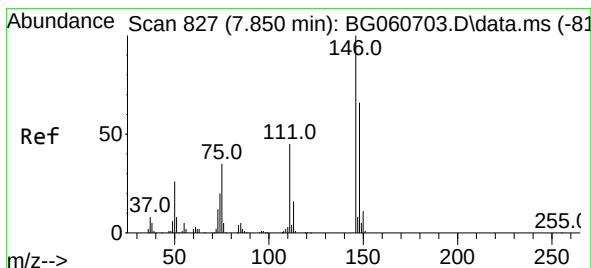
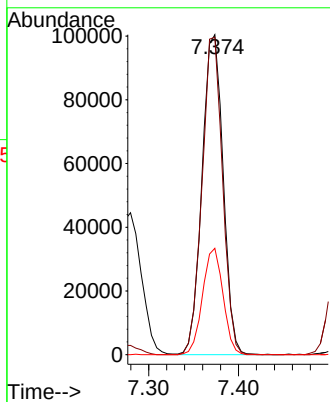
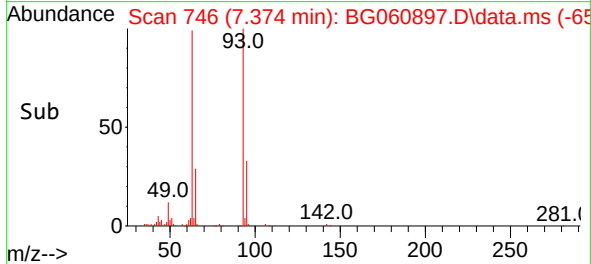
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



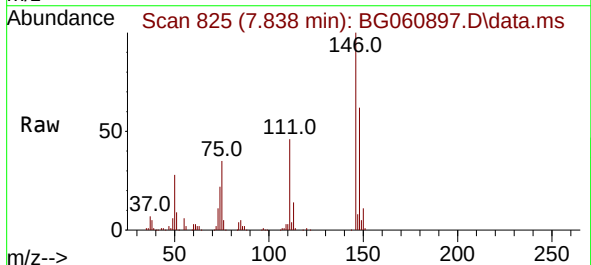
Tgt Ion: 93 Resp: 163838
Ion Ratio Lower Upper
93 100
63 99.2 73.7 113.7
95 33.2 11.2 51.2

Manual Integrations
APPROVED

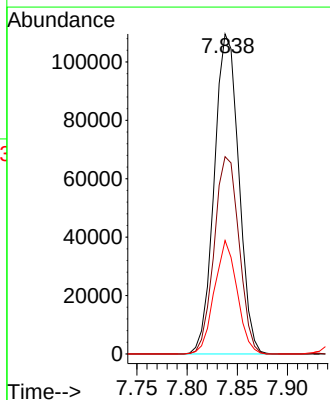
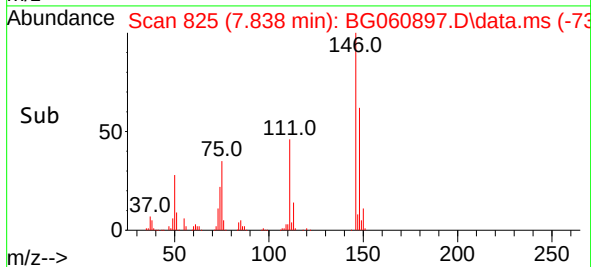
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

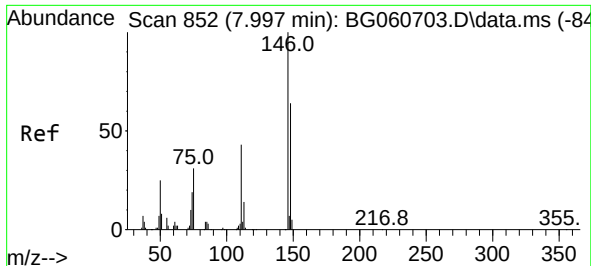


#12
1,3-Dichlorobenzene
Concen: 44.415 ng
RT: 7.838 min Scan# 825
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15



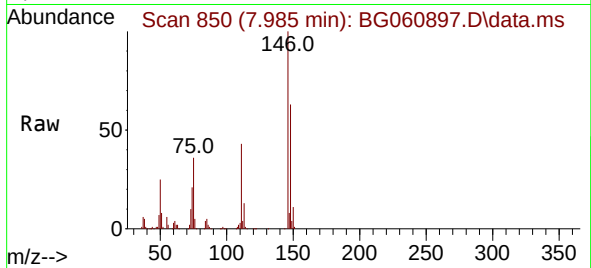
Tgt Ion:146 Resp: 185902
Ion Ratio Lower Upper
146 100
148 61.6 53.0 79.4
75 35.4 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 44.220 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

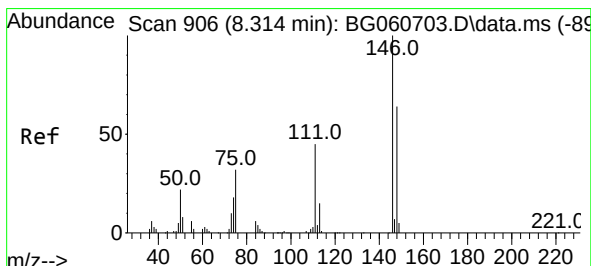
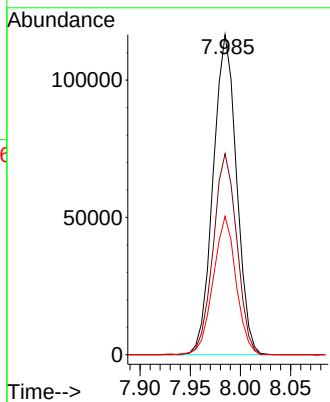
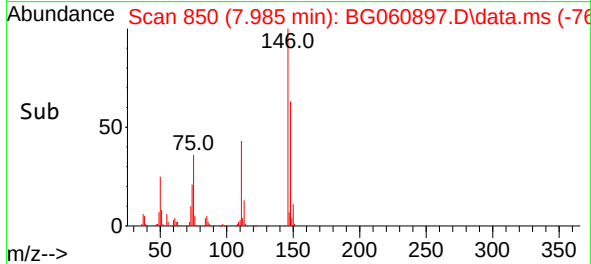
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:146 Resp: 18883
Ion Ratio Lower Upper
146 100
148 62.8 51.1 76.7
111 43.3 35.0 52.6

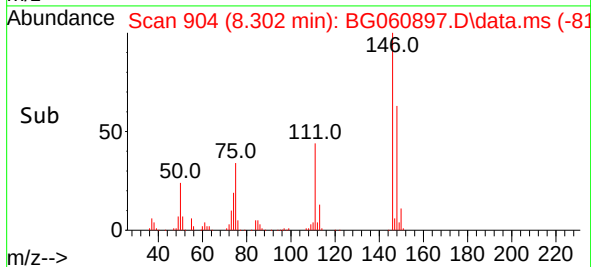
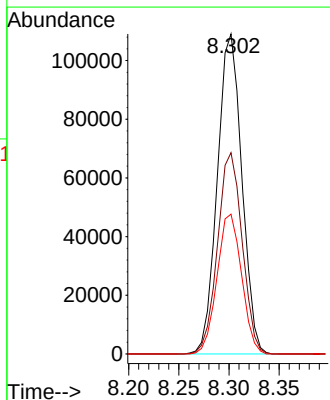
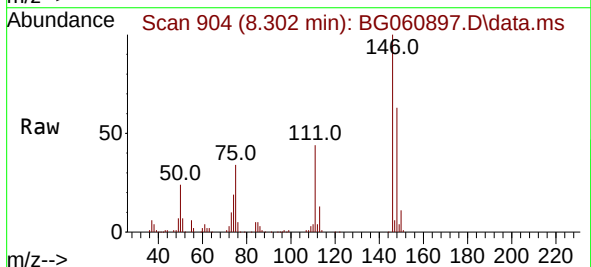
Manual Integrations
APPROVED

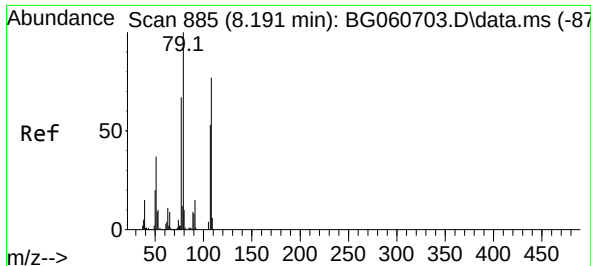
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#14
1,2-Dichlorobenzene
Concen: 44.215 ng
RT: 8.302 min Scan# 904
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

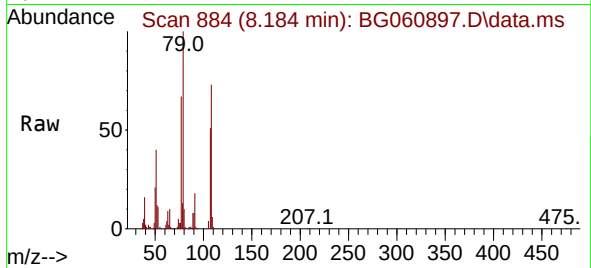
Tgt Ion:146 Resp: 185032
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 43.7 36.0 54.0





#15
Benzyl Alcohol
Concen: 40.566 ng
RT: 8.184 min Scan# 884
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

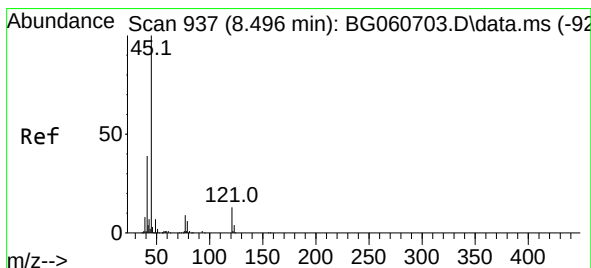
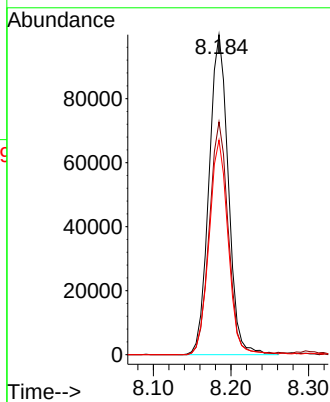
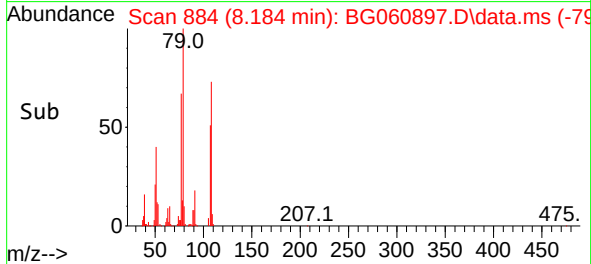
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 79 Resp: 17316
Ion Ratio Lower Upper
79 100
108 72.8 61.4 92.0
77 67.1 53.6 80.4

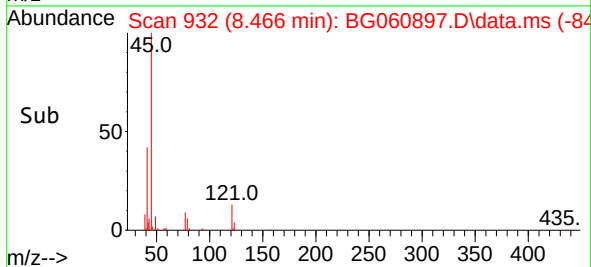
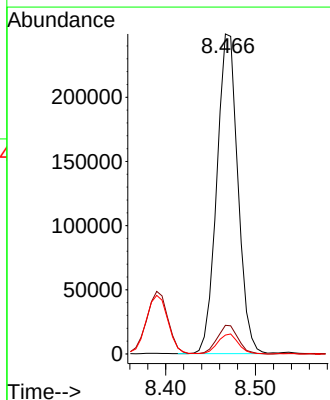
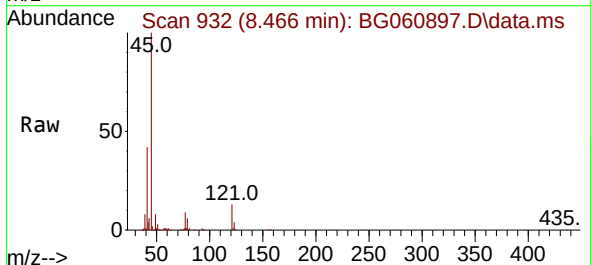
Manual Integrations
APPROVED

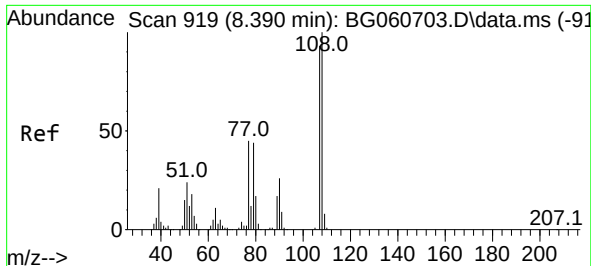
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.401 ng
RT: 8.466 min Scan# 932
Delta R.T. -0.030 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion: 45 Resp: 405706
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.1
79 5.9 0.0 26.5





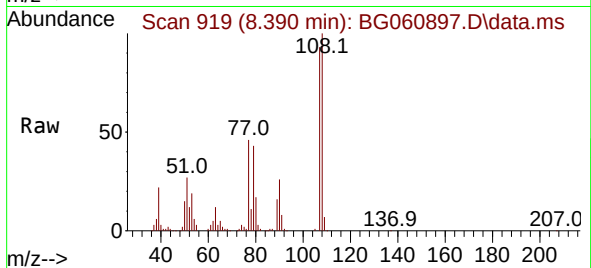
#17
2-Methylphenol
Concen: 39.336 ng
RT: 8.390 min Scan# 919
Delta R.T. -0.000 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

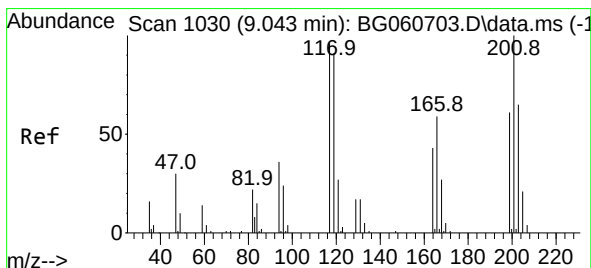
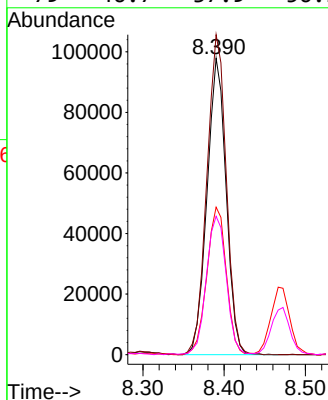
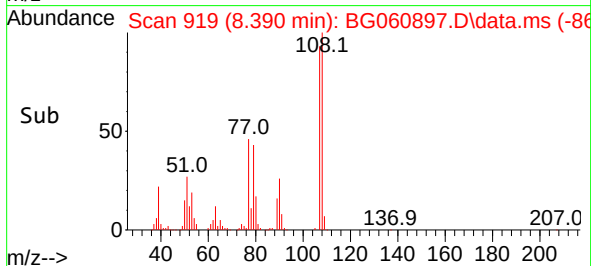


Tgt Ion:107 Resp: 159708
Ion Ratio Lower Upper
107 100
108 108.0 86.4 129.6
77 49.8 38.6 58.0
79 46.7 37.9 56.9

Manual Integrations

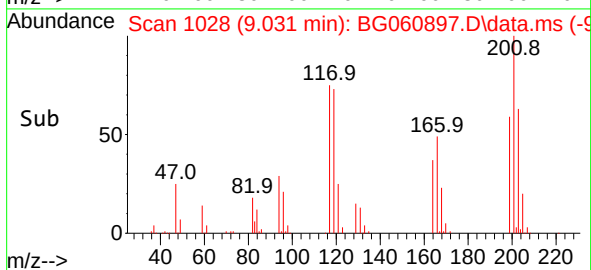
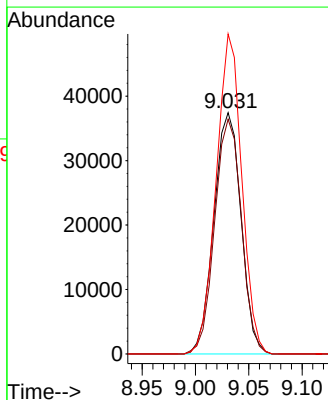
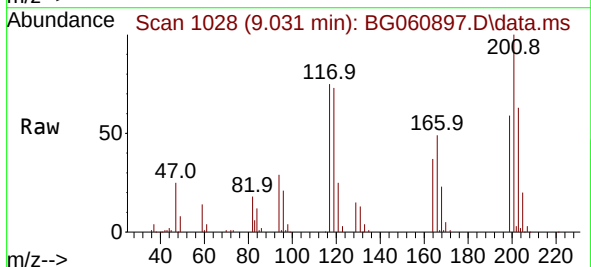
APPROVED

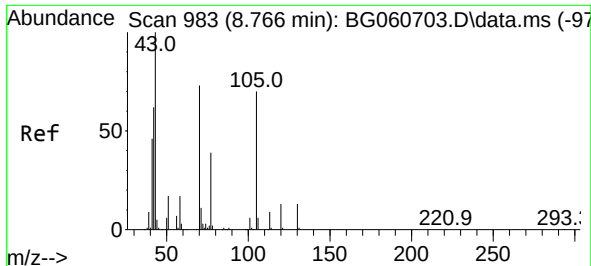
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#18
Hexachloroethane
Concen: 43.679 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

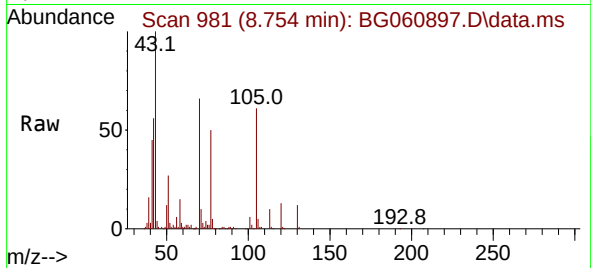
Tgt Ion:117 Resp: 66244
Ion Ratio Lower Upper
117 100
119 97.3 75.7 113.5
201 132.6 83.4 125.2#





#19
n-Nitroso-di-n-propylamine
Concen: 38.632 ng
RT: 8.754 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

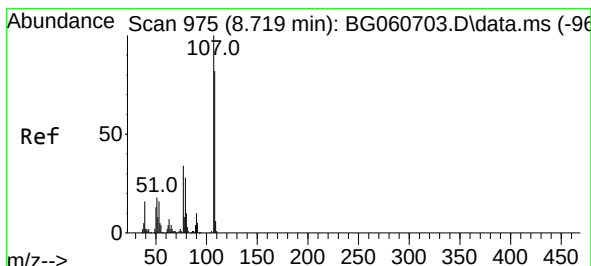
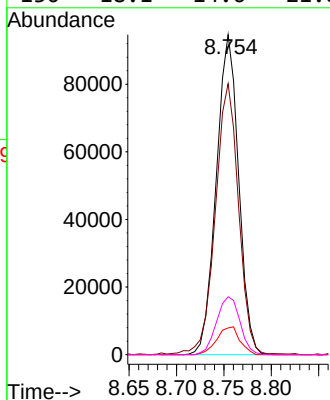
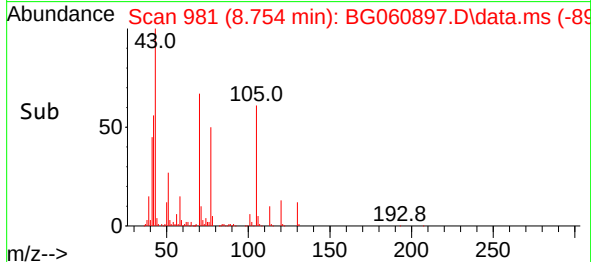
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 70 Resp: 155250
Ion Ratio Lower Upper
70 100
42 84.7 68.4 102.6
101 8.4 6.1 9.1
130 18.1 14.6 21.8

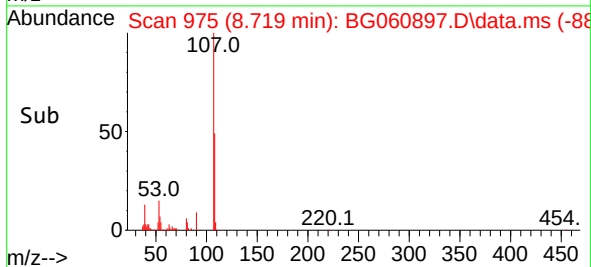
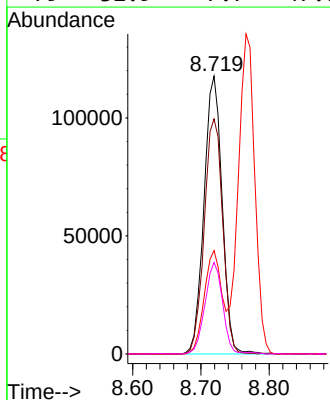
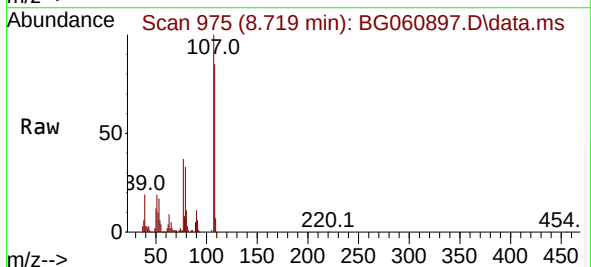
Manual Integrations
APPROVED

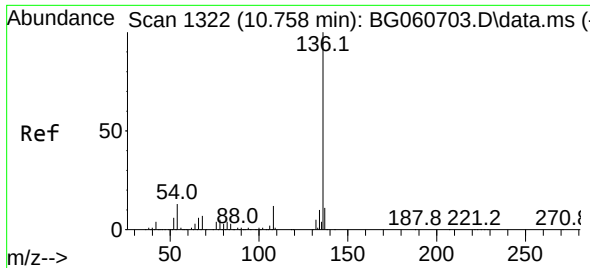
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#20
3+4-Methylphenols
Concen: 39.134 ng
RT: 8.719 min Scan# 975
Delta R.T. -0.000 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

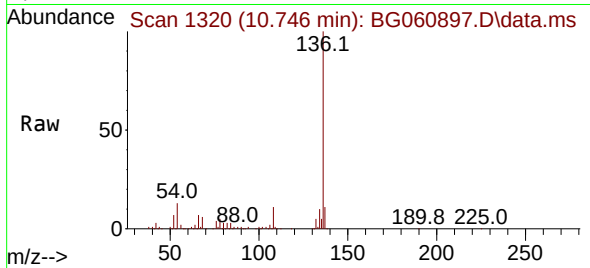
Tgt Ion:107 Resp: 217579
Ion Ratio Lower Upper
107 100
108 84.6 62.2 102.2
77 37.2 14.1 54.1
79 32.9 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

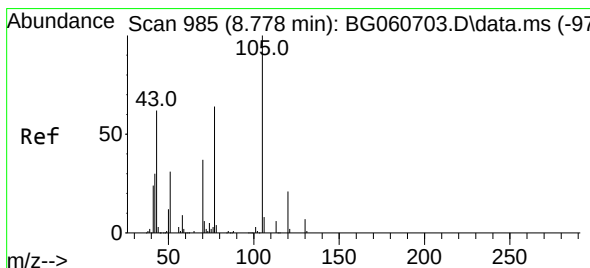
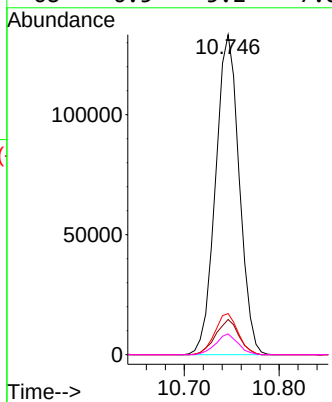
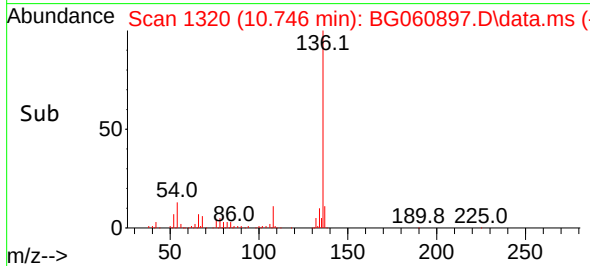
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:136 Resp: 231408
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.9 10.2 15.2
68 6.5 5.2 7.8

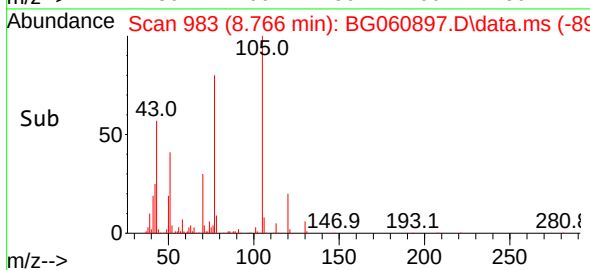
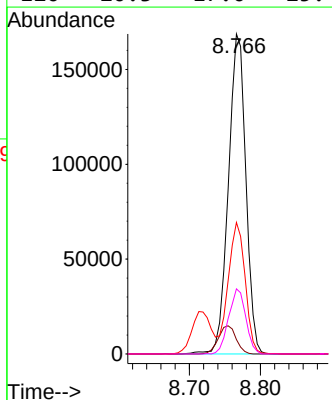
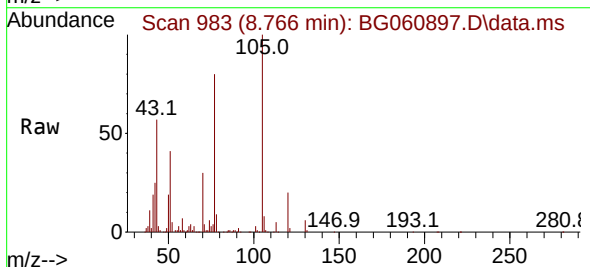
Manual Integrations
APPROVED

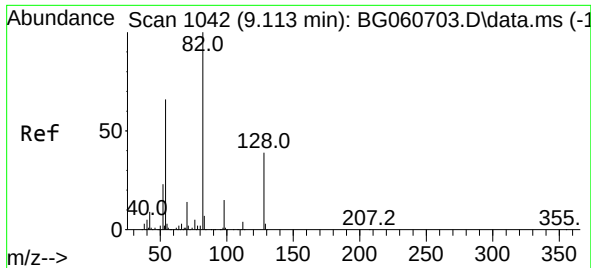
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 45.113 ng
RT: 8.766 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:105 Resp: 287855
Ion Ratio Lower Upper
105 100
71 4.5 4.9 7.3#
51 41.1 31.1 46.7
120 20.3 17.0 25.4





#23
Nitrobenzene-d5
Concen: 101.917 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

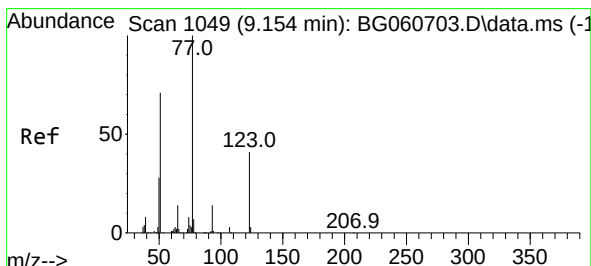
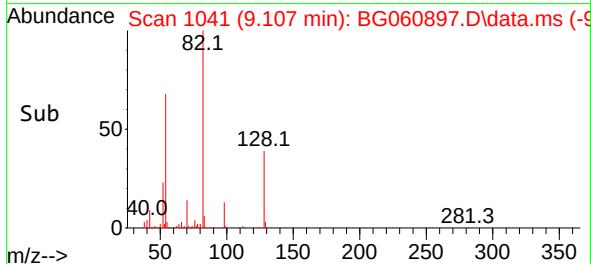
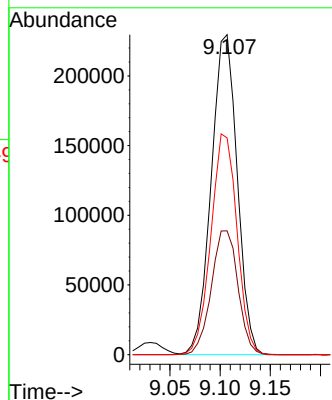
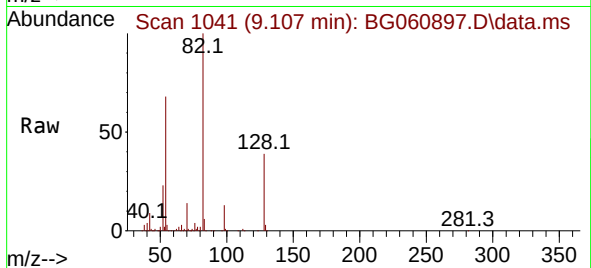
TP-1MSD

Tgt Ion: 82 Resp: 413314
Ion Ratio Lower Upper
82 100
128 38.7 31.2 46.8
54 67.8 53.2 79.8

Manual Integrations

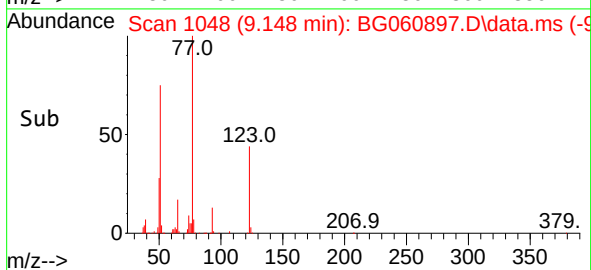
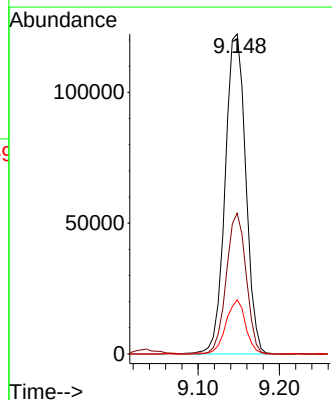
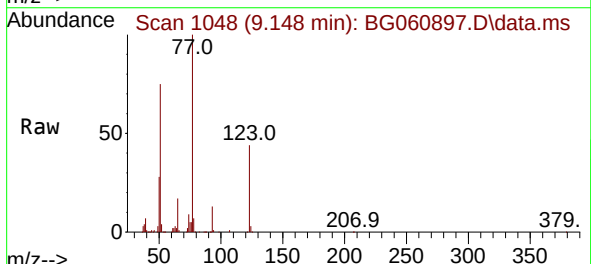
APPROVED

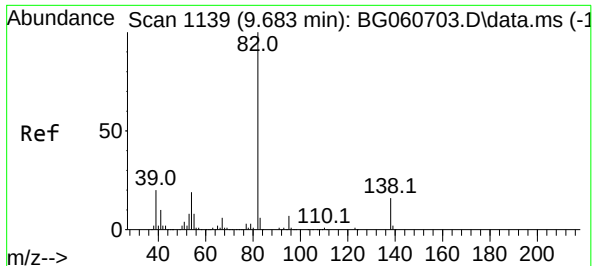
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#24
Nitrobenzene
Concen: 47.704 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion: 77 Resp: 215262
Ion Ratio Lower Upper
77 100
123 44.0 32.7 49.1
65 17.0 11.3 16.9#





#25
Isophorone
Concen: 43.499 ng
RT: 9.671 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

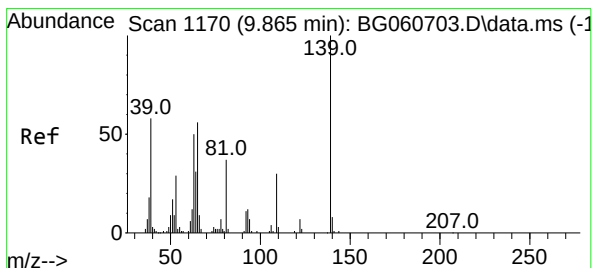
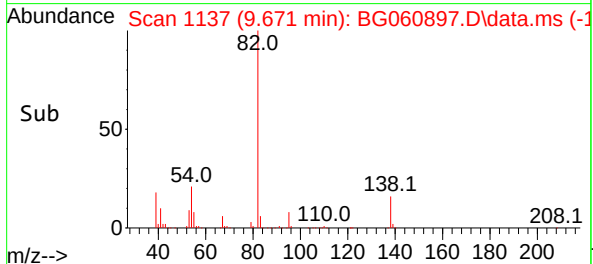
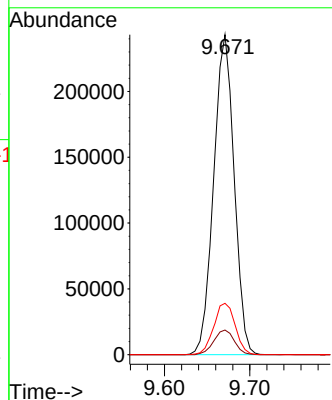
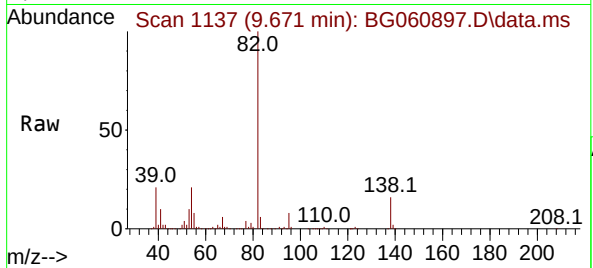
TP-1MSD

Tgt Ion: 82 Resp: 406310
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 16.1 13.0 19.4

Manual Integrations

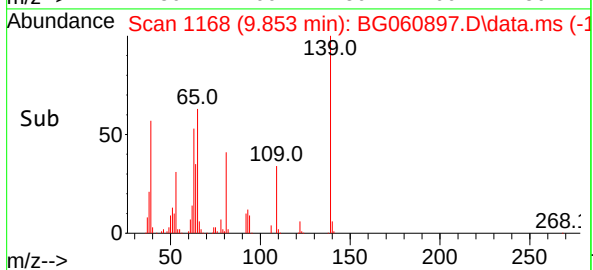
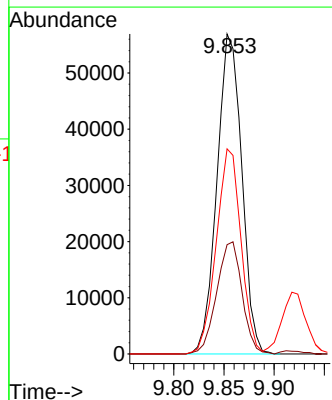
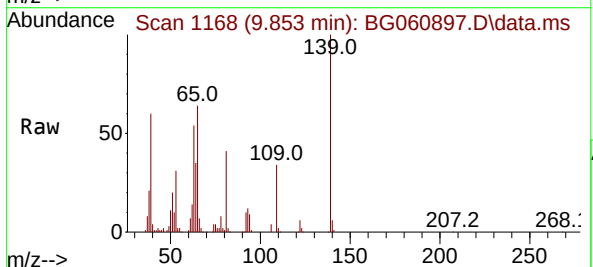
APPROVED

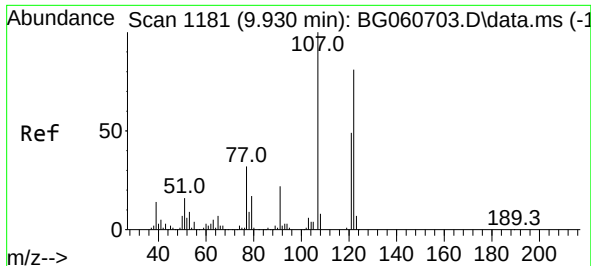
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 59.088 ng
RT: 9.853 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:139 Resp: 97823
Ion Ratio Lower Upper
139 100
109 34.1 23.9 35.9
65 64.1 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 36.198 ng

RT: 9.918 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BG060897.D

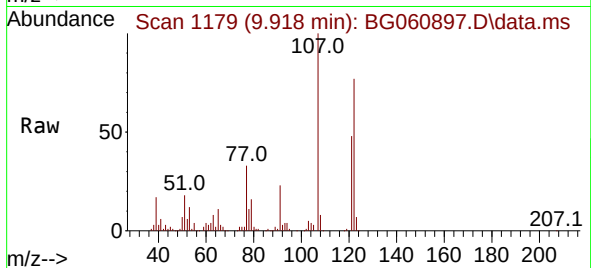
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



Tgt Ion:122 Resp: 13582

Ion Ratio Lower Upper

122 100

107 129.2 98.6 147.8

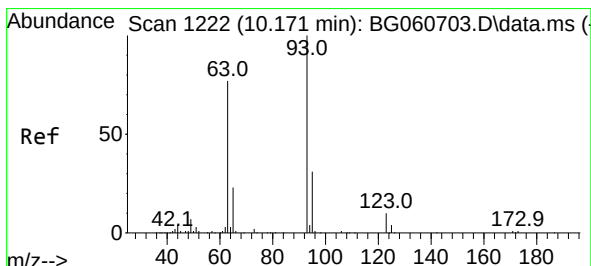
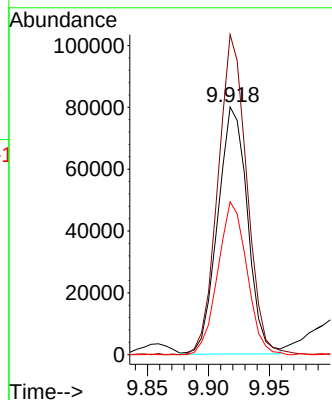
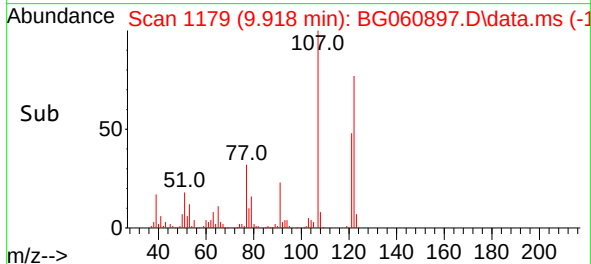
121 61.8 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 42.077 ng

RT: 10.153 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

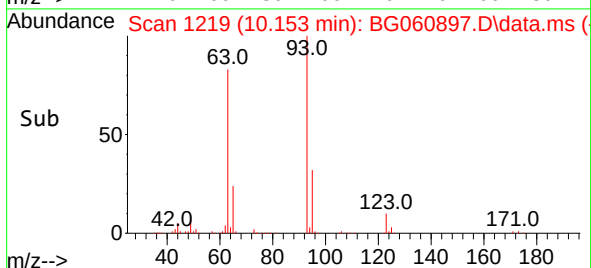
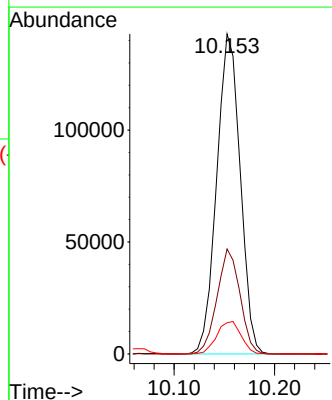
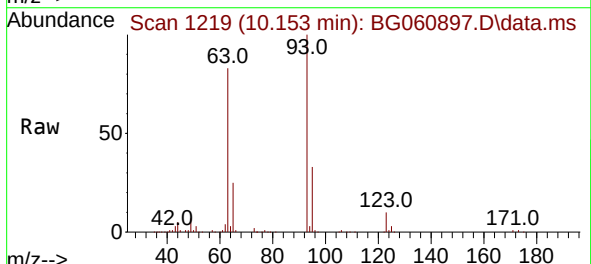
Tgt Ion: 93 Resp: 232035

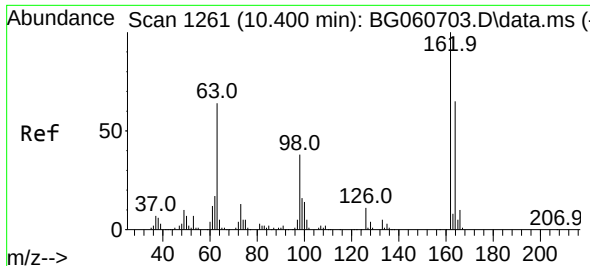
Ion Ratio Lower Upper

93 100

95 32.8 25.1 37.7

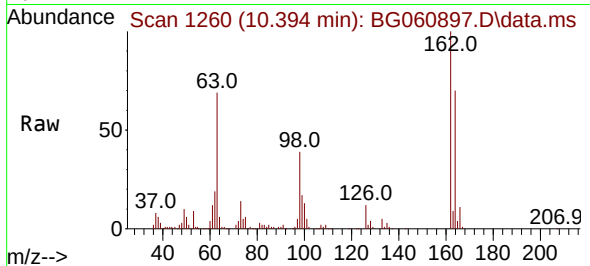
123 9.8 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 54.033 ng
RT: 10.394 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

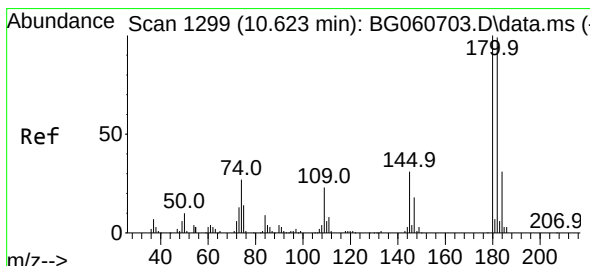
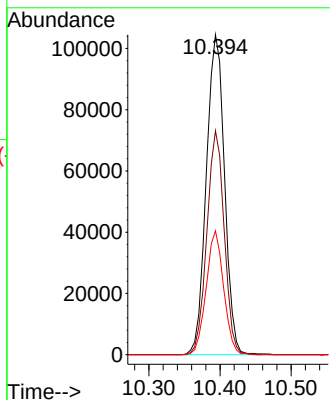
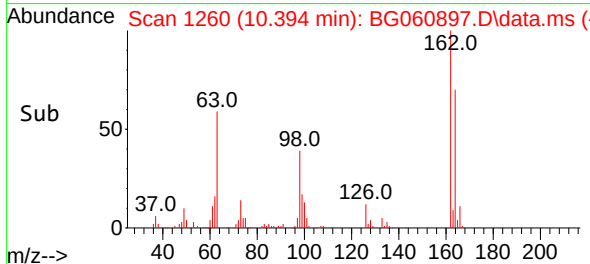
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:162 Resp: 186174
Ion Ratio Lower Upper
162 100
164 70.0 45.2 85.2
98 38.7 17.7 57.7

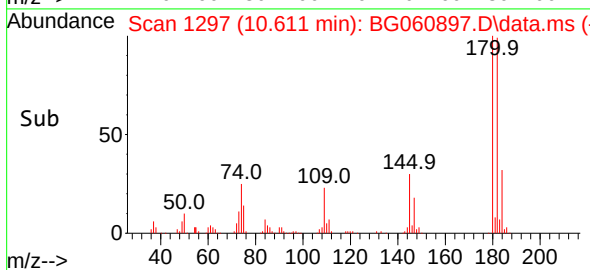
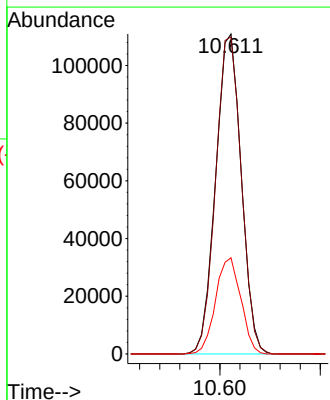
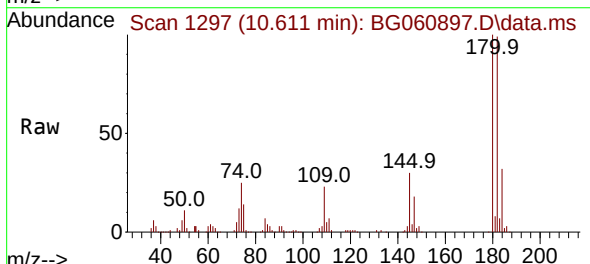
Manual Integrations
APPROVED

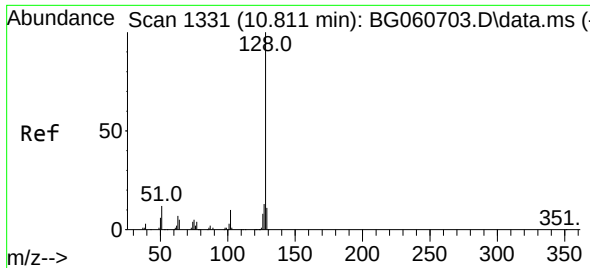
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 50.168 ng
RT: 10.611 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:180 Resp: 195732
Ion Ratio Lower Upper
180 100
182 99.1 79.0 118.4
145 30.1 24.9 37.3





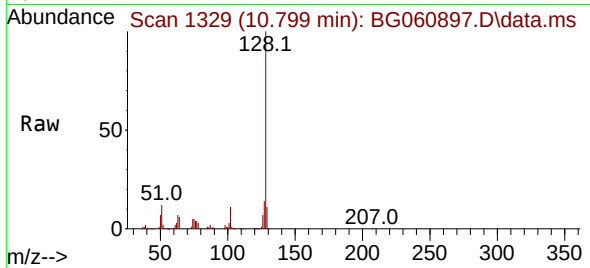
#31
Naphthalene
Concen: 43.374 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



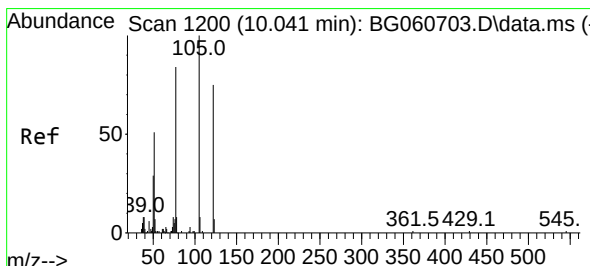
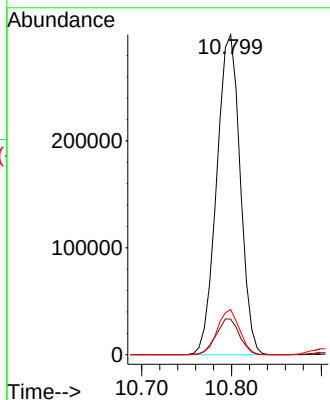
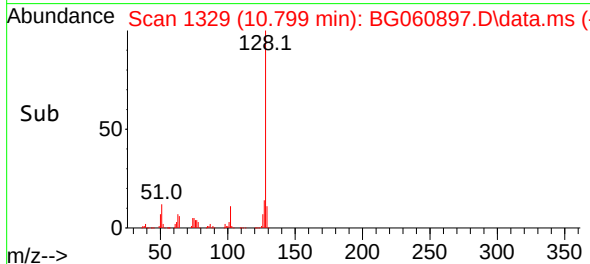
Tgt Ion:128 Resp: 54294
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 14.1 10.5 15.7

Manual Integrations

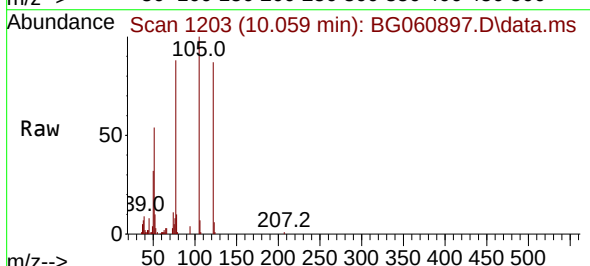
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

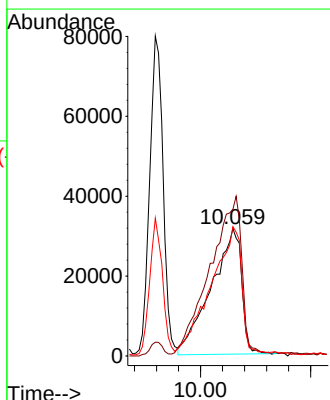
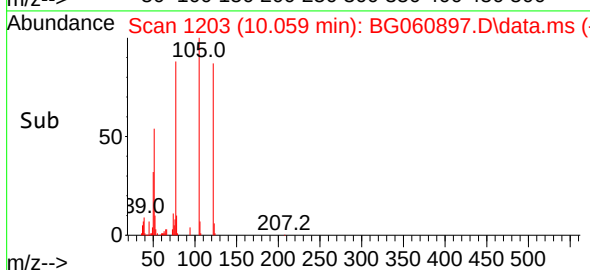
Supervised By :mohammad ahmed 04/17/2024

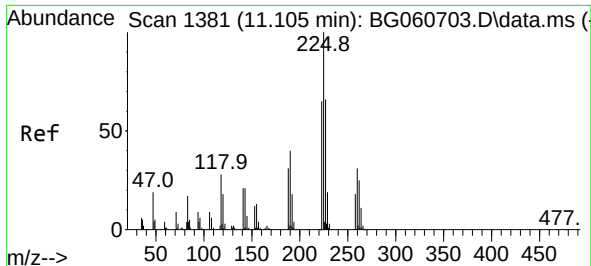


#32
Benzoic acid
Concen: 48.234 ng
RT: 10.059 min Scan# 1203
Delta R.T. 0.018 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15



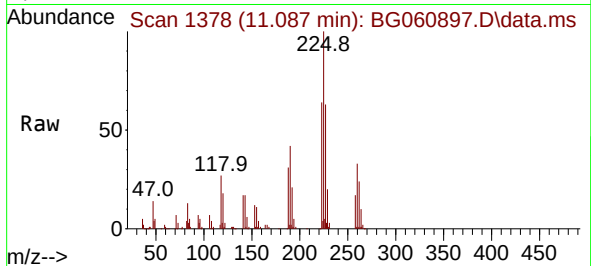
Tgt Ion:122 Resp: 120511
Ion Ratio Lower Upper
122 100
105 115.2 104.5 144.5
77 101.5 85.3 125.3





#34
Hexachlorobutadiene
Concen: 53.338 ng
RT: 11.087 min Scan# 1381
Delta R.T. -0.018 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

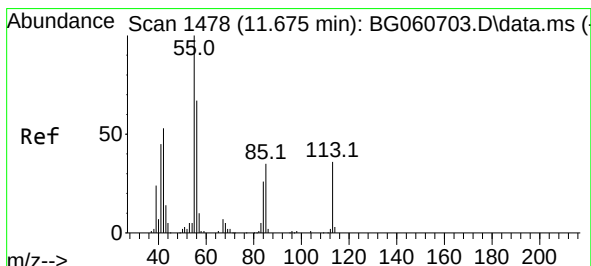
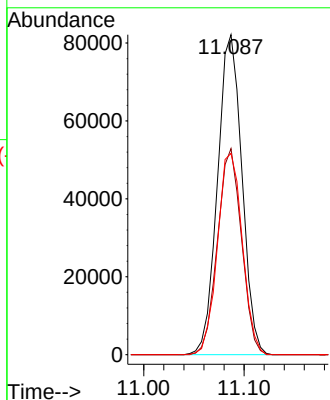
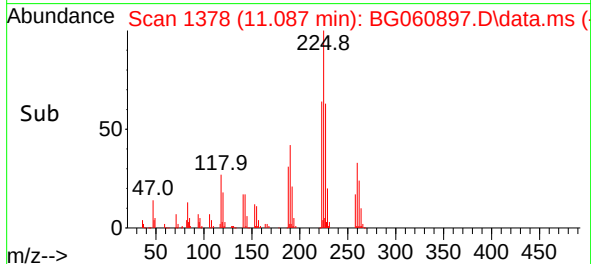
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:225 Resp: 13869
Ion Ratio Lower Upper
225 100
223 64.4 52.0 78.0
227 62.9 52.5 78.7

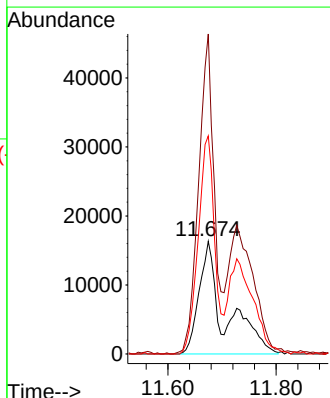
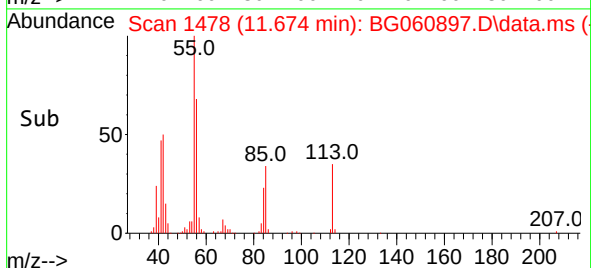
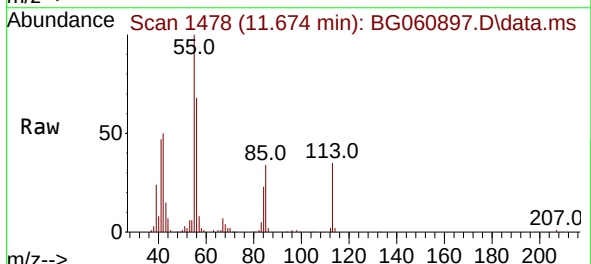
Manual Integrations
APPROVED

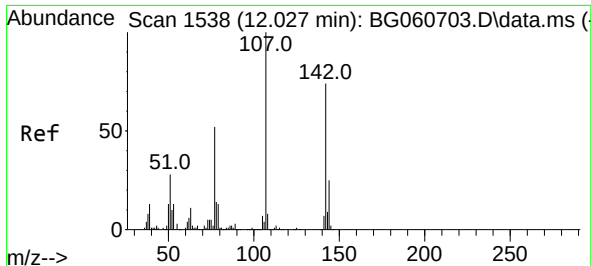
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#35
Caprolactam
Concen: 39.609 ng m
RT: 11.674 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

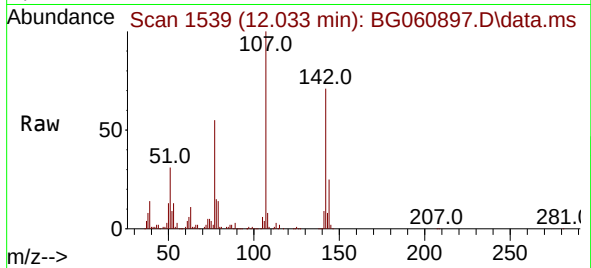
Tgt Ion:113 Resp: 54053
Ion Ratio Lower Upper
113 100
55 284.0 258.0 298.0
56 193.5 166.3 206.3





#36
4-Chloro-3-methylphenol
Concen: 48.368 ng
RT: 12.033 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

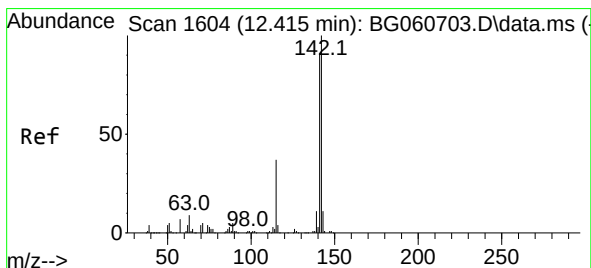
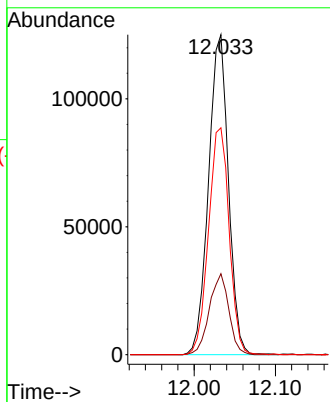
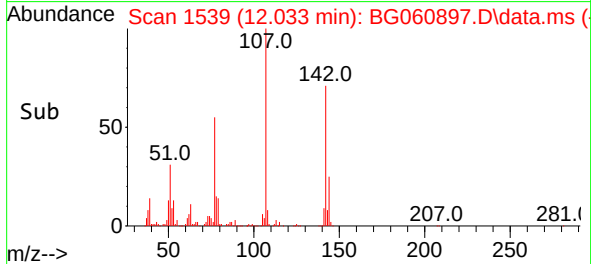
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:107 Resp: 212890
Ion Ratio Lower Upper
107 100
144 25.3 20.0 30.0
142 70.9 59.2 88.8

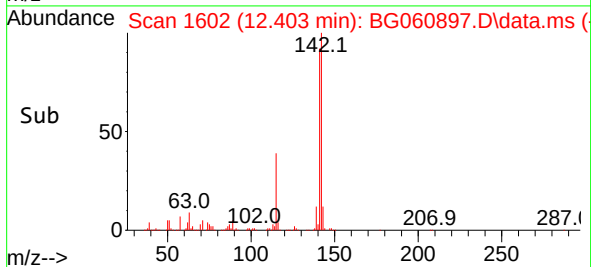
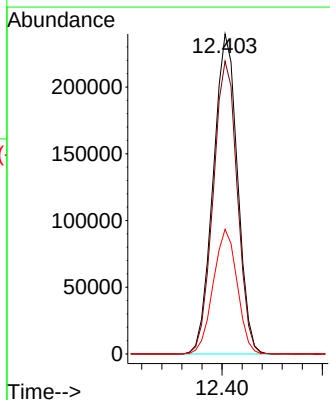
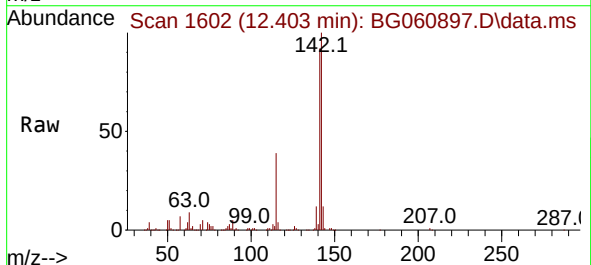
Manual Integrations
APPROVED

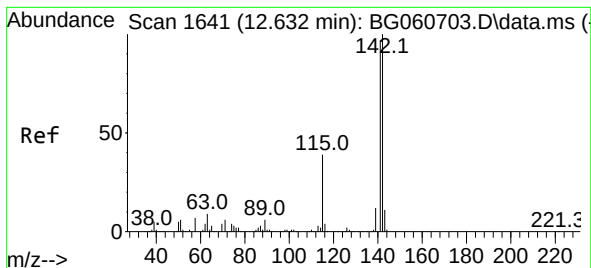
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#37
2-Methylnaphthalene
Concen: 43.634 ng
RT: 12.403 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:142 Resp: 401568
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1
115 39.0 29.9 44.9





#38

1-Methylnaphthalene

Concen: 43.375 ng

RT: 12.620 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:142 Resp: 377100

Ion Ratio Lower Upper

142 100

141 94.5 77.7 116.5

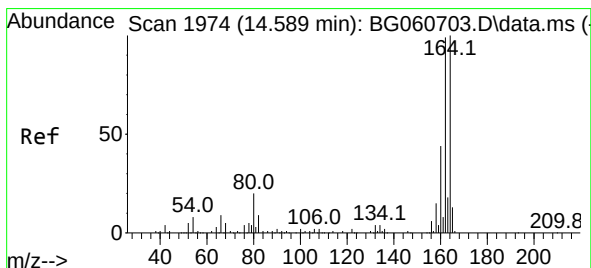
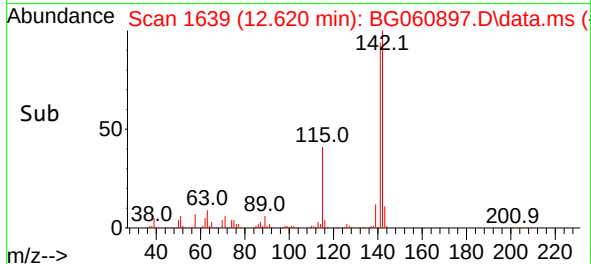
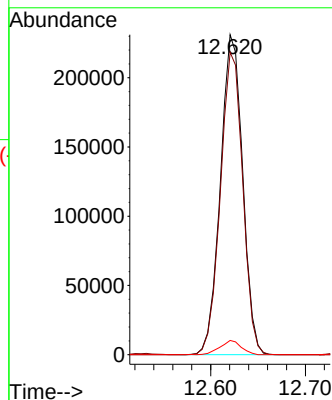
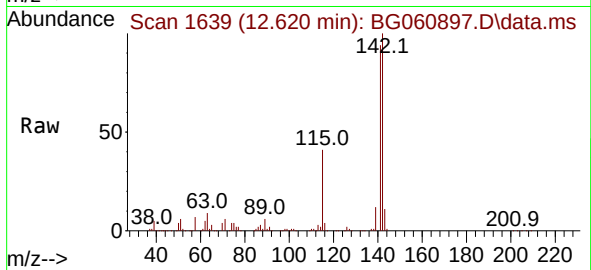
116 4.5 3.4 5.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1972

Delta R.T. -0.012 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

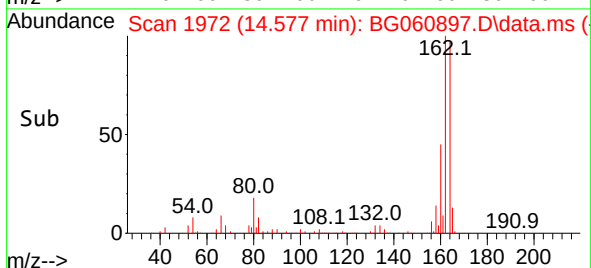
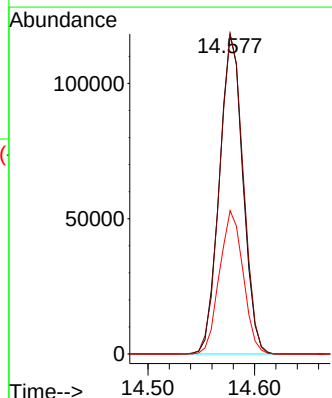
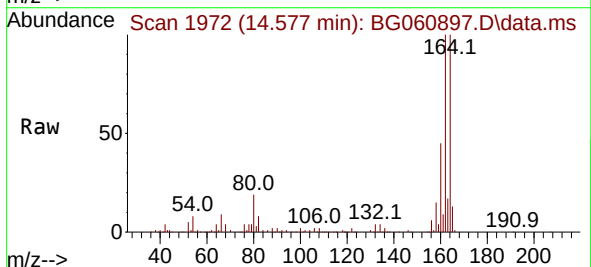
Tgt Ion:164 Resp: 180480

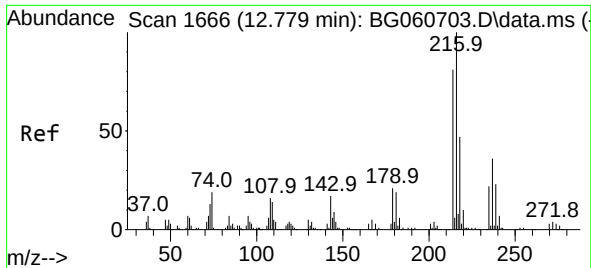
Ion Ratio Lower Upper

164 100

162 100.0 79.5 119.3

160 44.8 35.4 53.0





#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.924 ng
RT: 12.773 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

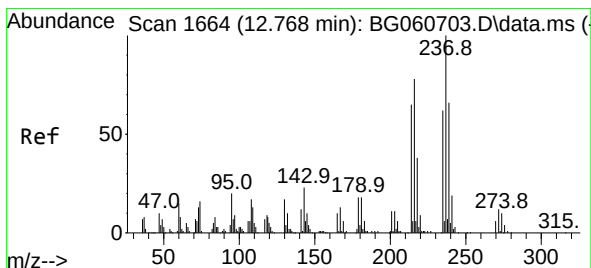
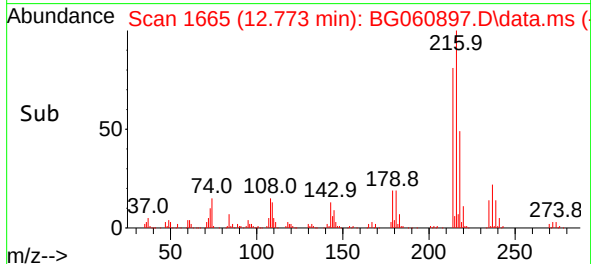
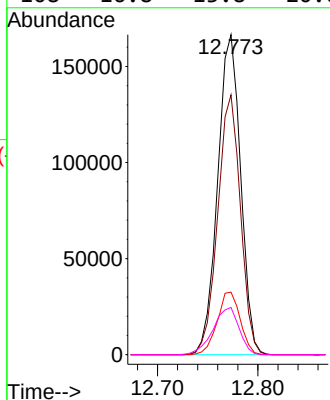
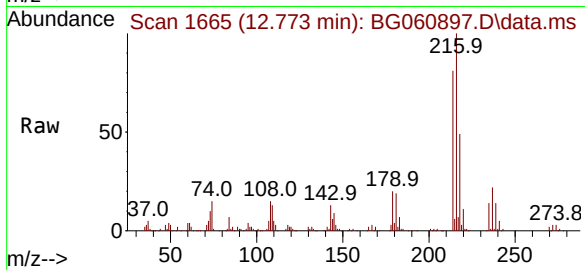
TP-1MSD

Tgt Ion:216 Resp: 26422
Ion Ratio Lower Upper
216 100
214 80.2 63.1 94.7
179 19.6 16.7 25.1
108 16.8 13.8 20.6

Manual Integrations

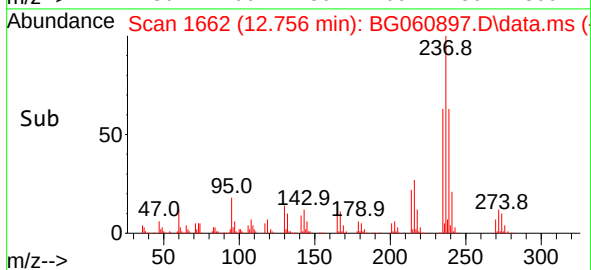
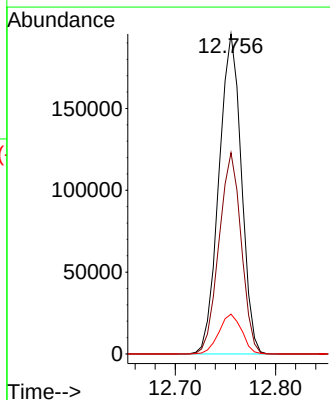
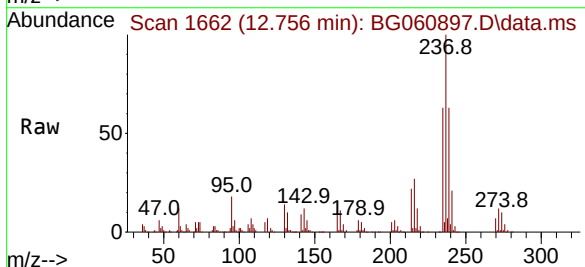
APPROVED

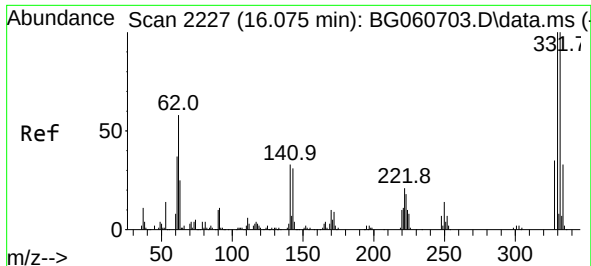
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#41
Hexachlorocyclopentadiene
Concen: 114.743 ng
RT: 12.756 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:237 Resp: 302724
Ion Ratio Lower Upper
237 100
235 62.9 42.0 82.0
272 12.4 0.0 32.4





#42
2,4,6-Tribromophenol
Concen: 177.000 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

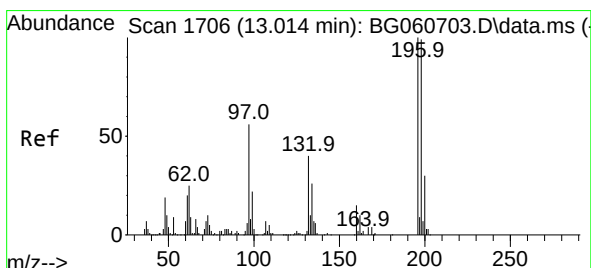
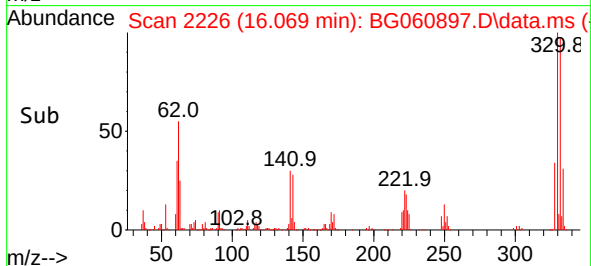
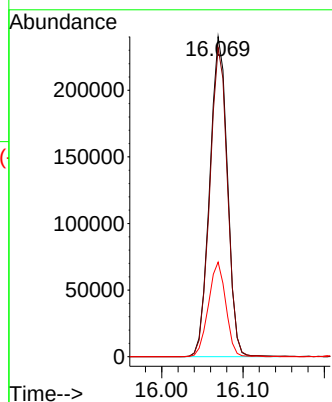
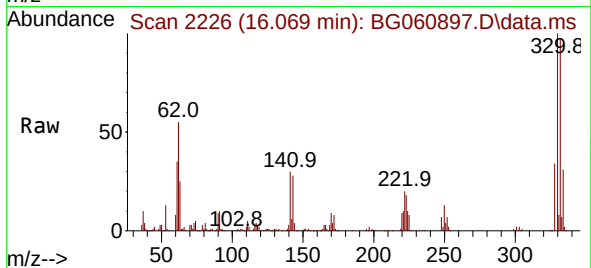
TP-1MSD

Tgt Ion:330 Resp: 362628
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 29.0 27.0 40.6

Manual Integrations

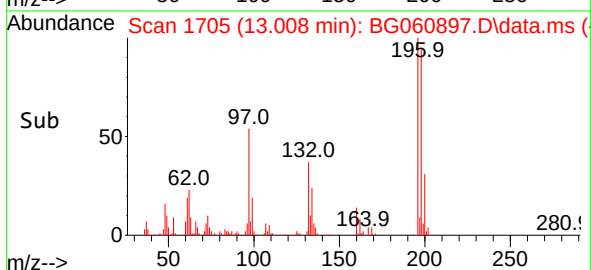
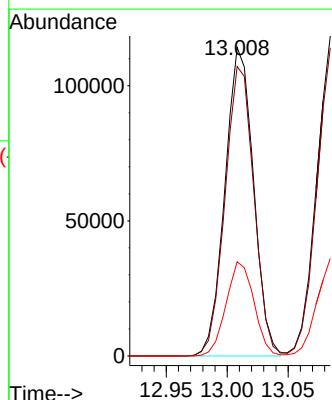
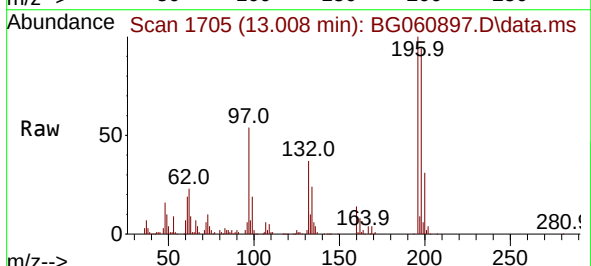
APPROVED

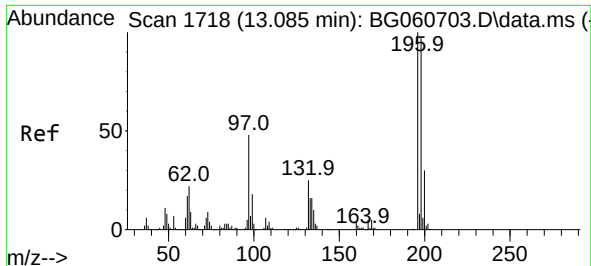
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#43
2,4,6-Trichlorophenol
Concen: 55.712 ng
RT: 13.008 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:196 Resp: 186134
Ion Ratio Lower Upper
196 100
198 93.8 79.1 118.7
200 30.5 24.0 36.0





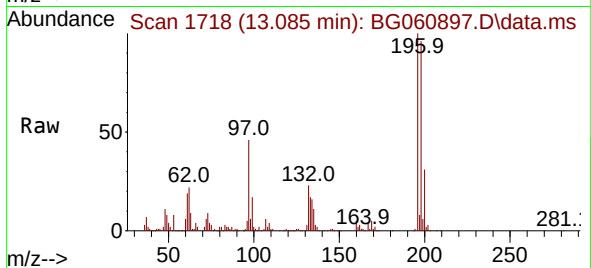
#44
2,4,5-Trichlorophenol
Concen: 51.225 ng
RT: 13.085 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

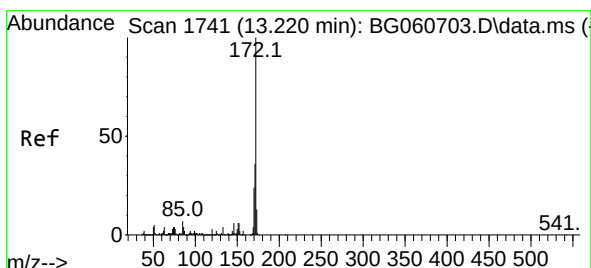
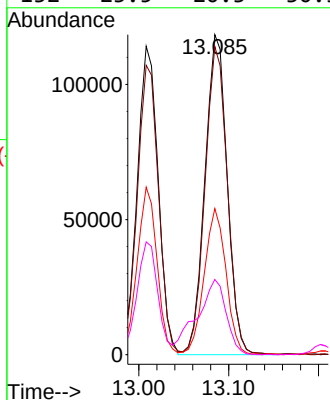
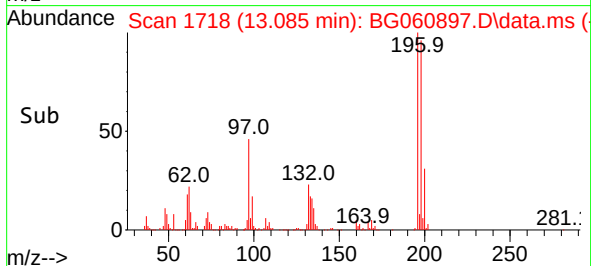


Tgt Ion:196 Resp: 204240
Ion Ratio Lower Upper
196 100
198 96.3 77.8 116.8
97 45.7 38.2 57.4
132 23.5 20.3 30.5

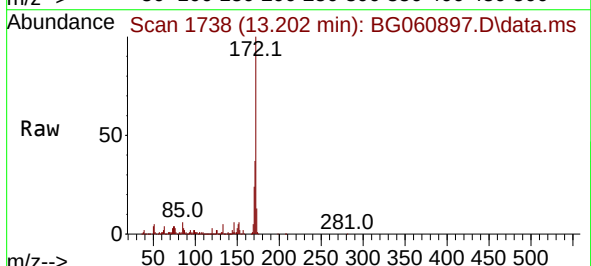
Manual Integrations

APPROVED

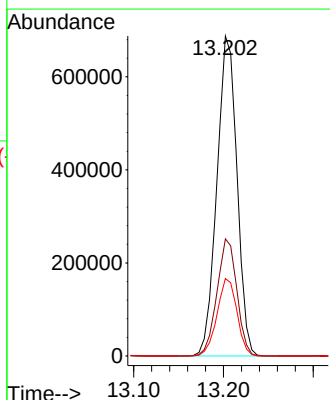
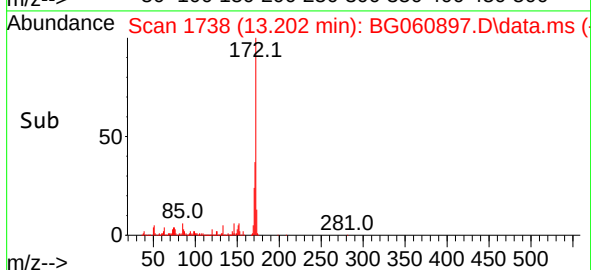
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

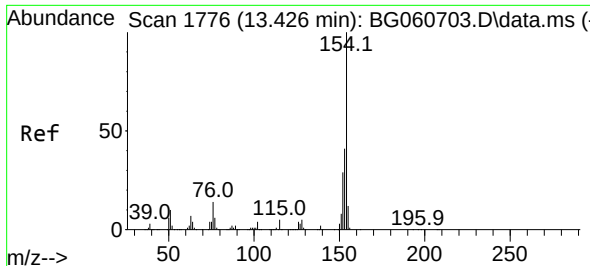


#45
2-Fluorobiphenyl
Concen: 86.824 ng
RT: 13.202 min Scan# 1738
Delta R.T. -0.018 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15



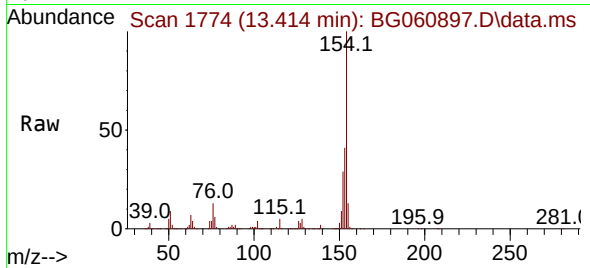
Tgt Ion:172 Resp: 1067710
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.2 19.4 29.0





#46
1,1'-Biphenyl
Concen: 46.300 ng
RT: 13.414 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

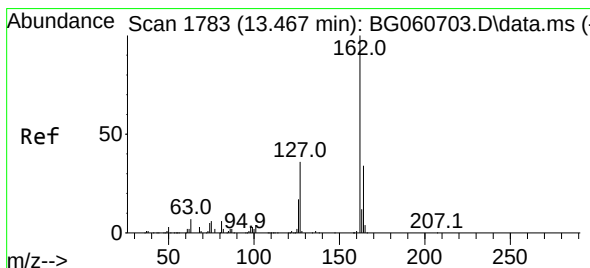
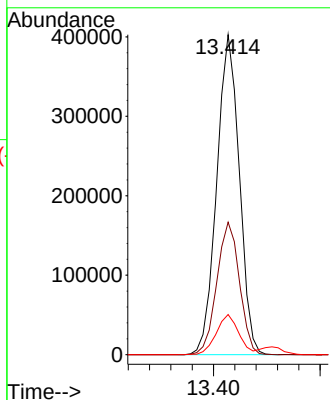
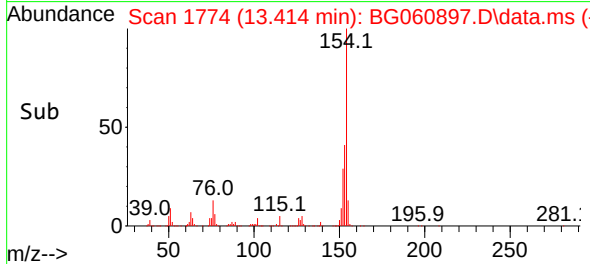
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:154 Resp: 590225
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 12.5 0.0 33.9

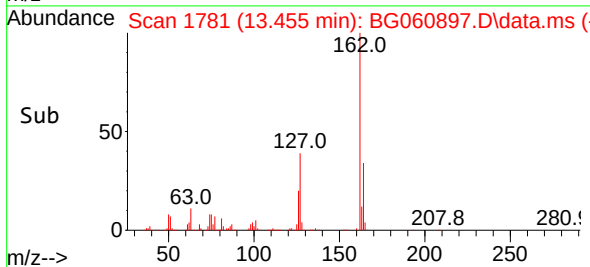
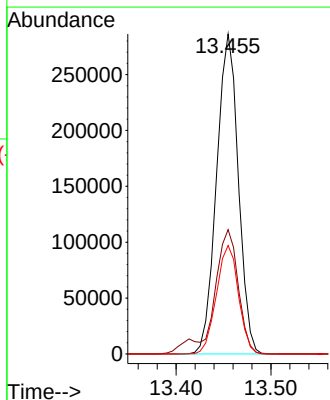
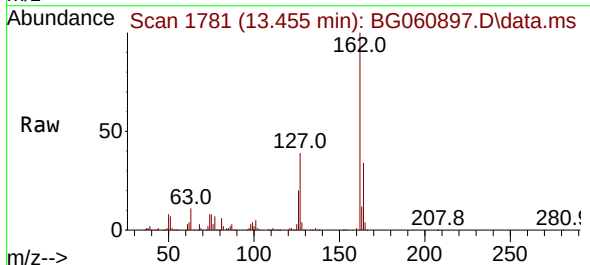
Manual Integrations
APPROVED

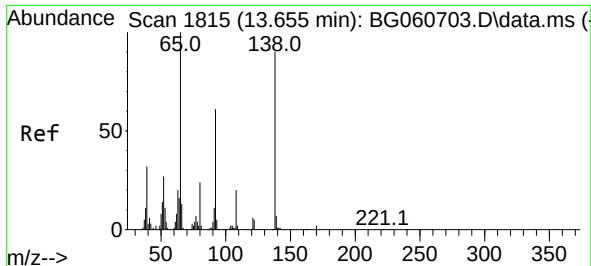
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#47
2-Chloronaphthalene
Concen: 47.136 ng
RT: 13.455 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:162 Resp: 456533
Ion Ratio Lower Upper
162 100
127 38.8 30.6 46.0
164 33.9 26.9 40.3





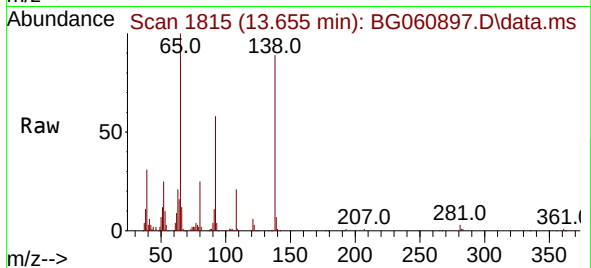
#48
2-Nitroaniline
Concen: 54.280 ng
RT: 13.655 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

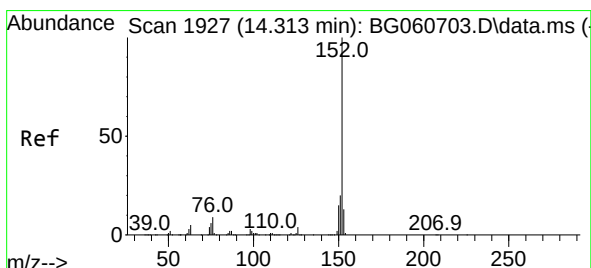
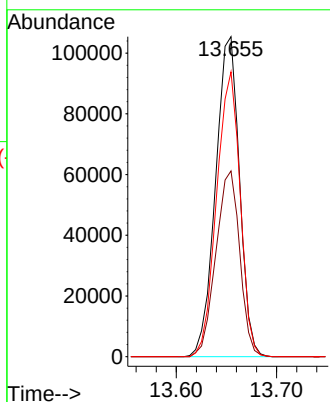
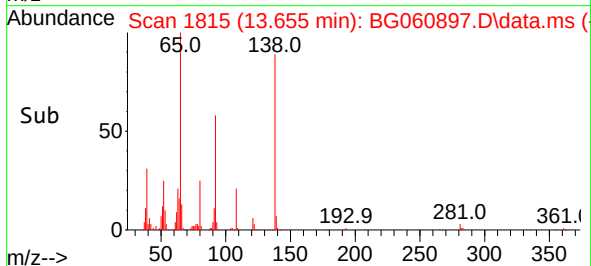


Tgt Ion: 65 Resp: 17427
Ion Ratio Lower Upper
65 100
92 58.1 48.6 72.8
138 89.0 72.2 108.4

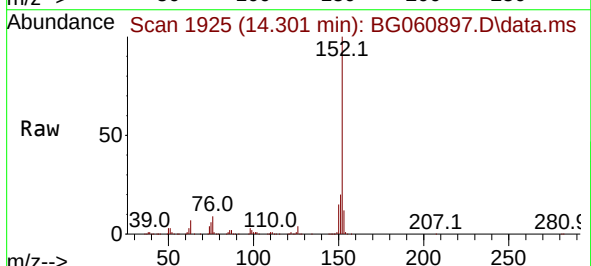
Manual Integrations

APPROVED

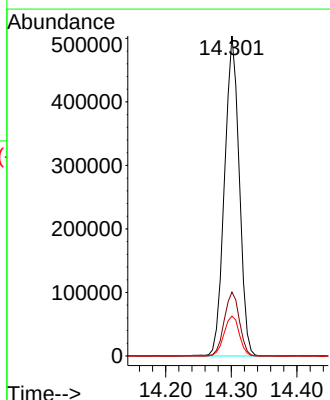
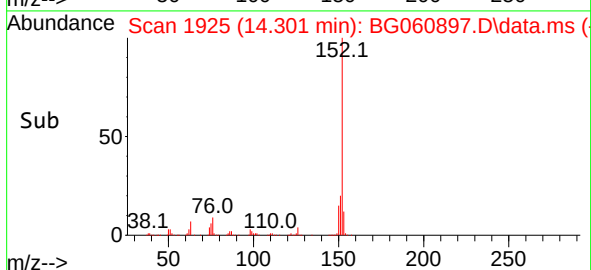
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

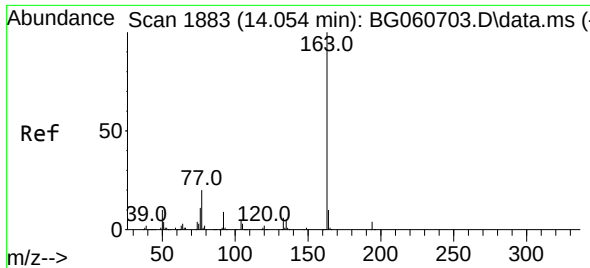


#49
Acenaphthylene
Concen: 48.137 ng
RT: 14.301 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15



Tgt Ion:152 Resp: 783390
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 12.5 10.5 15.7





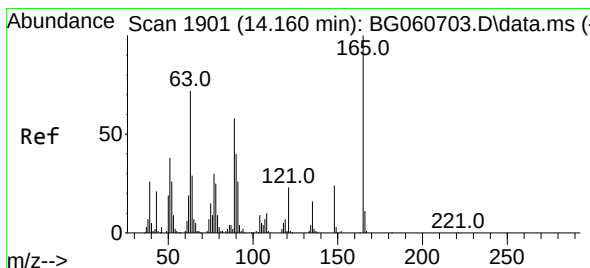
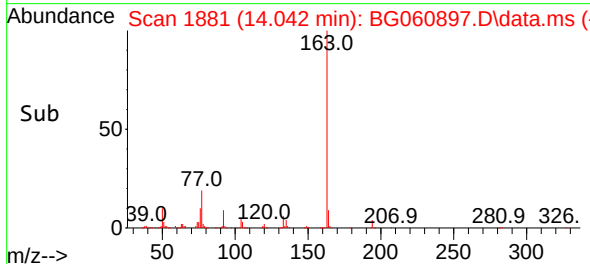
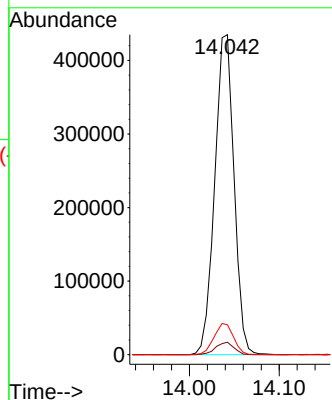
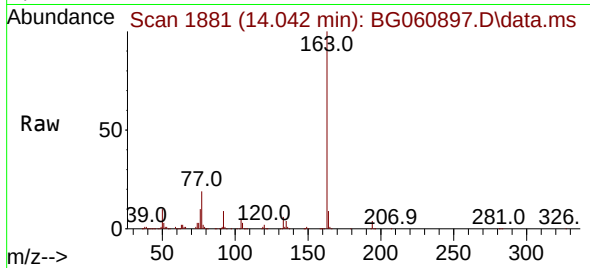
#50
Dimethylphthalate
Concen: 45.488 ng
RT: 14.042 min Scan# 1883
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:163 Resp: 648894
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.4 7.9 11.9

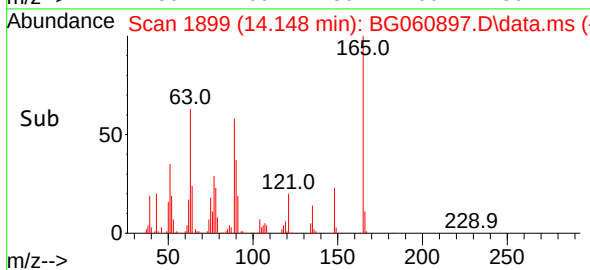
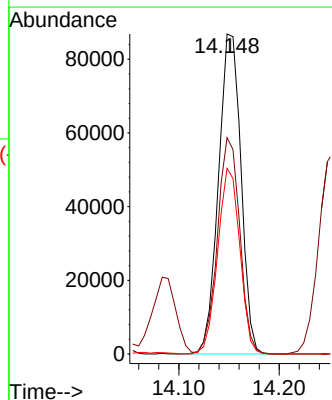
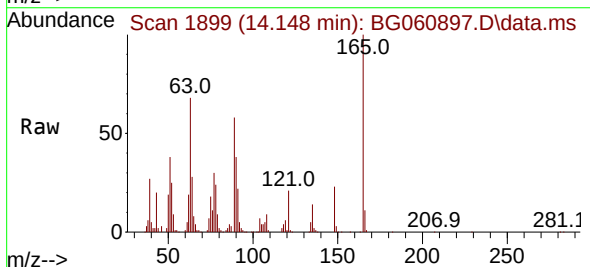
Manual Integrations
APPROVED

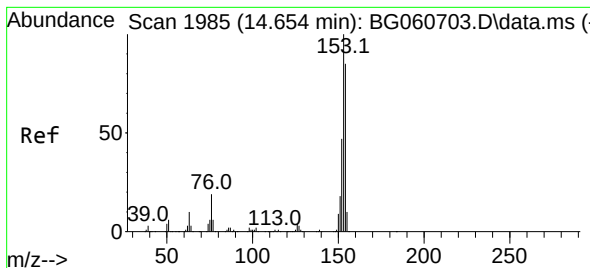
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#51
2,6-Dinitrotoluene
Concen: 52.617 ng
RT: 14.148 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:165 Resp: 135317
Ion Ratio Lower Upper
165 100
63 67.6 58.2 87.4
89 58.0 46.1 69.1





#52

Acenaphthene

Concen: 52.991 ng m

RT: 14.642 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:154 Resp: 54146

Ion Ratio Lower Upper

154 100

153 116.0 93.9 140.9

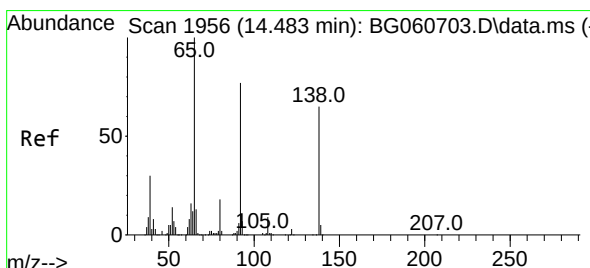
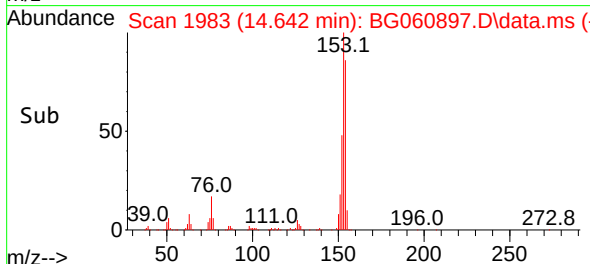
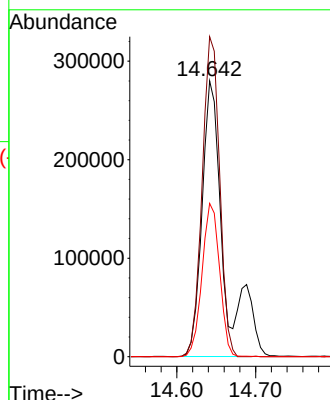
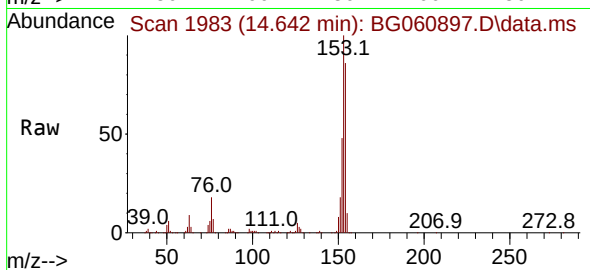
152 55.6 44.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#53

3-Nitroaniline

Concen: 11.037 ng

RT: 14.477 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

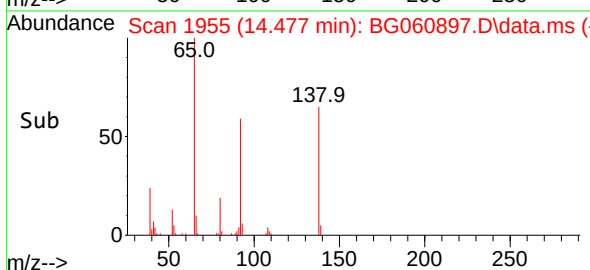
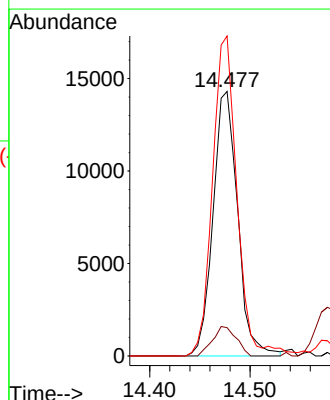
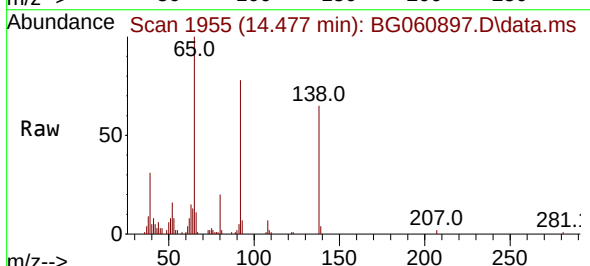
Tgt Ion:138 Resp: 24384

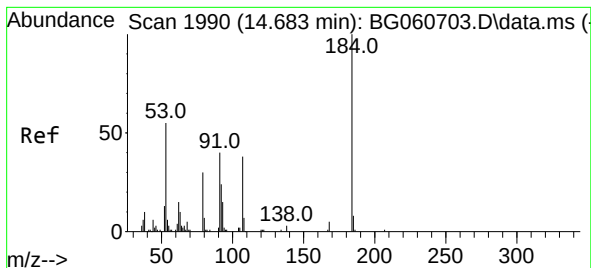
Ion Ratio Lower Upper

138 100

108 10.7 11.3 16.9#

92 121.0 94.1 141.1





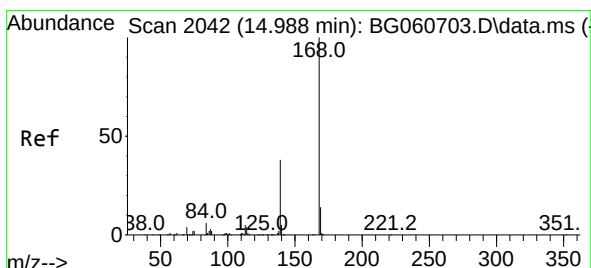
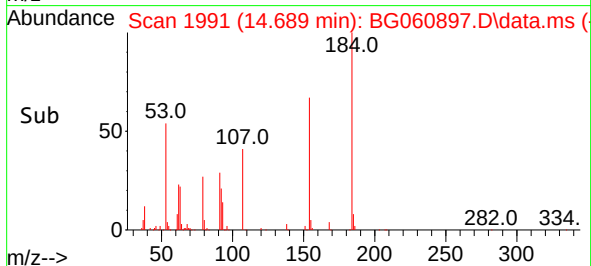
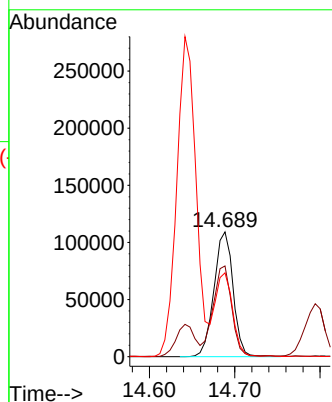
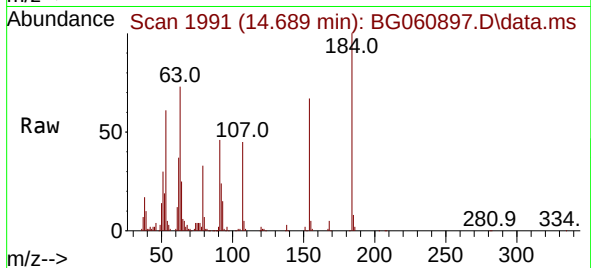
#54
2,4-Dinitrophenol
Concen: 171.527 ng
RT: 14.689 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:184 Resp: 170318
Ion Ratio Lower Upper
184 100
63 72.7 51.3 76.9
154 67.1 59.9 89.9

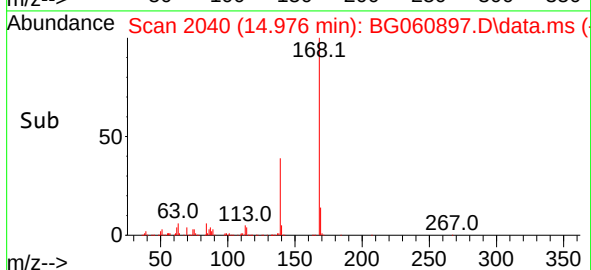
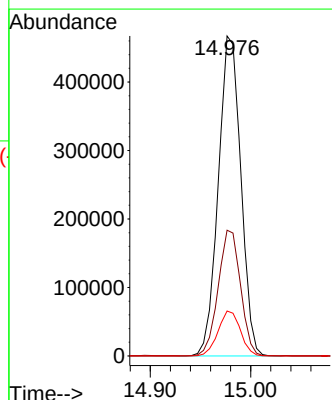
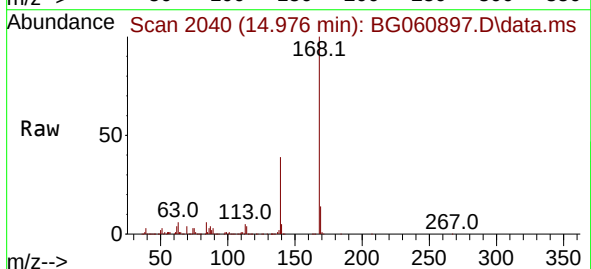
Manual Integrations
APPROVED

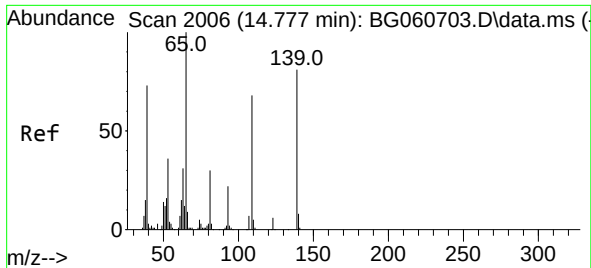
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#55
Dibenzofuran
Concen: 45.122 ng
RT: 14.976 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:168 Resp: 727242
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 14.0 11.0 16.4





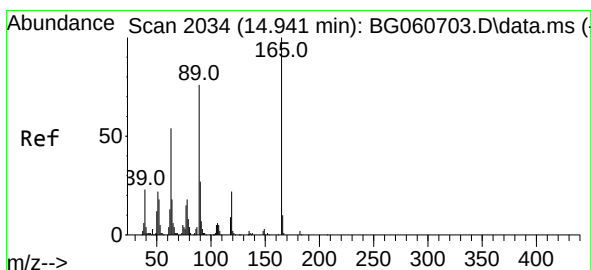
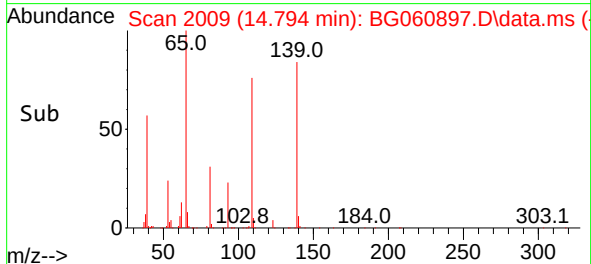
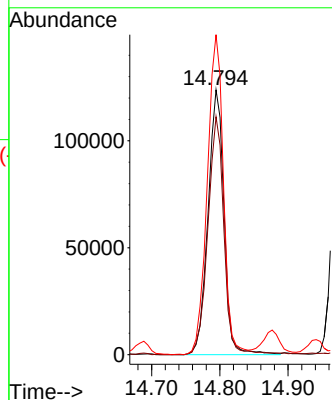
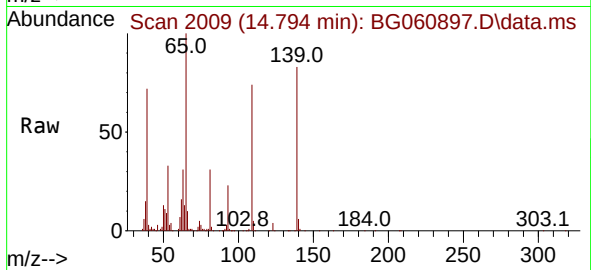
#56
4-Nitrophenol
Concen: 97.320 ng
RT: 14.794 min Scan# 2009
Delta R.T. 0.017 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:139 Resp: 20295
Ion Ratio Lower Upper
139 100
109 89.8 64.0 104.0
65 120.8 104.3 144.3

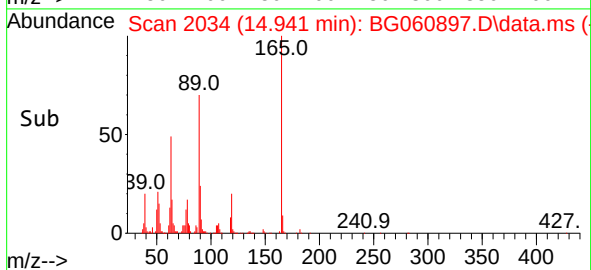
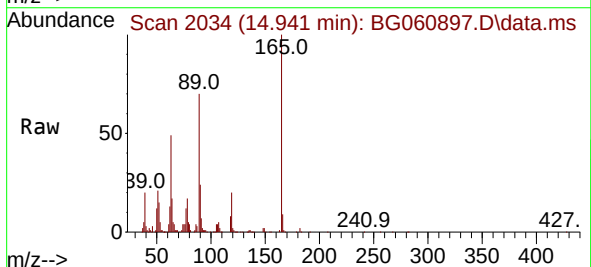
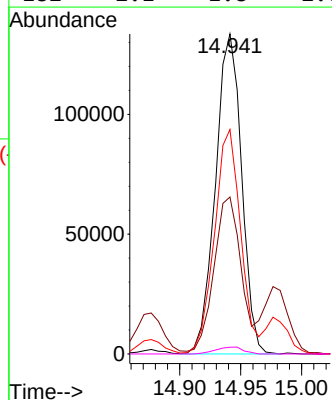
Manual Integrations
APPROVED

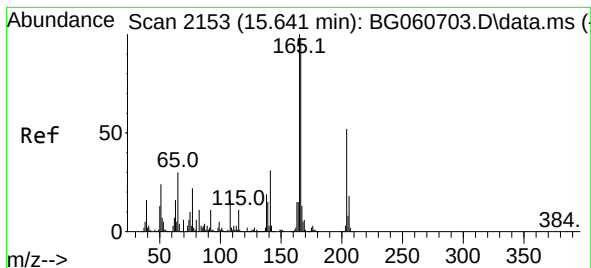
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#57
2,4-Dinitrotoluene
Concen: 58.554 ng
RT: 14.941 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:165 Resp: 199218
Ion Ratio Lower Upper
165 100
63 49.0 43.4 65.0
89 70.1 61.0 91.6
182 2.1 1.8 2.6





#58

Fluorene

Concen: 46.332 ng

RT: 15.629 min Scan# 2153

Delta R.T. -0.012 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:166 Resp: 599312

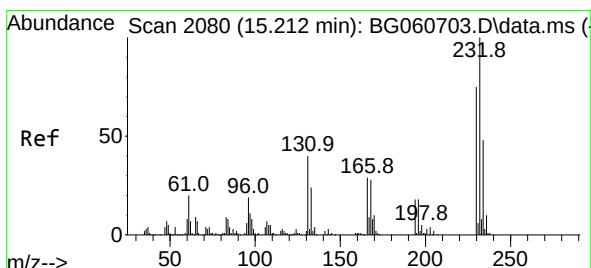
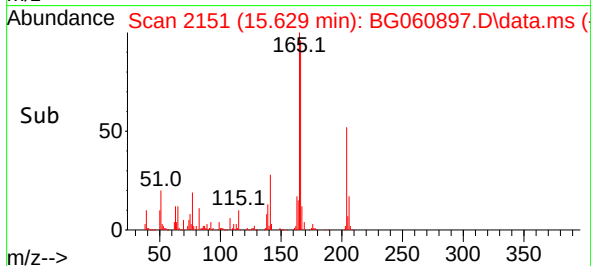
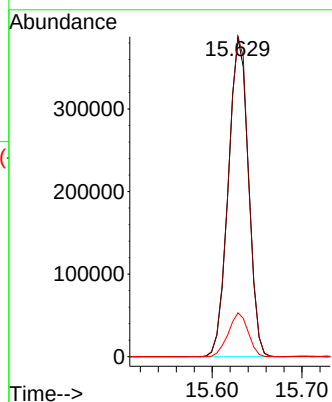
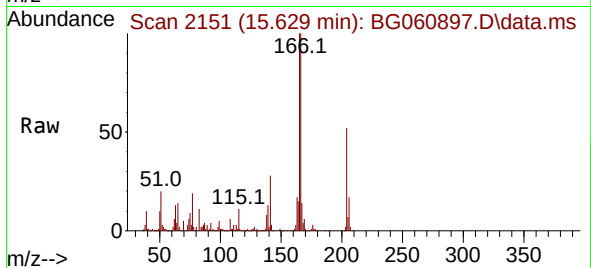
Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.8	122.8
167	13.7	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 55.886 ng

RT: 15.206 min Scan# 2079

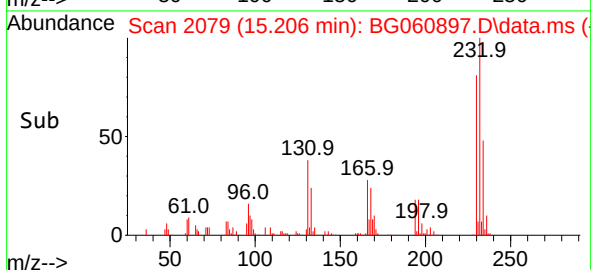
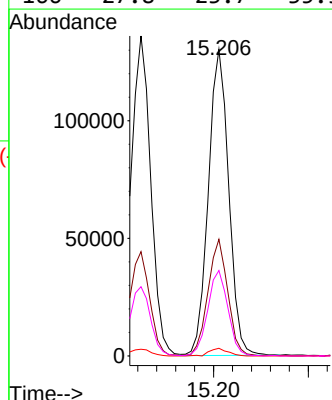
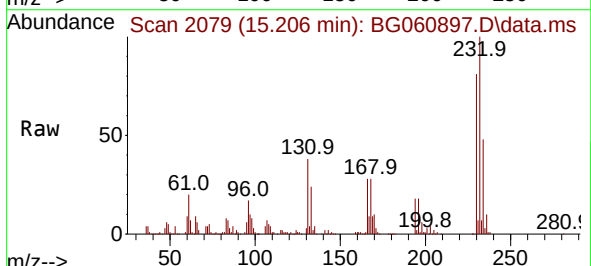
Delta R.T. -0.006 min

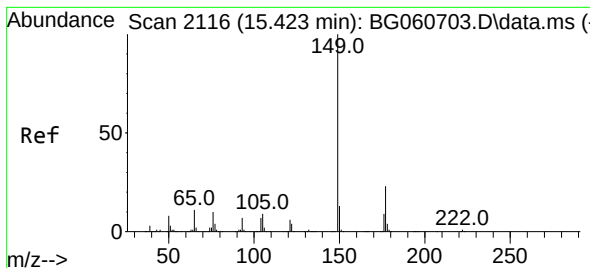
Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Tgt Ion:232 Resp: 194185

Ion	Ratio	Lower	Upper
232	100		
131	36.8	32.2	48.2
130	2.3	2.1	3.1
166	27.8	23.7	35.5





#60

Diethylphthalate

Concen: 44.065 ng

RT: 15.405 min Scan# 2113

Delta R.T. -0.018 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

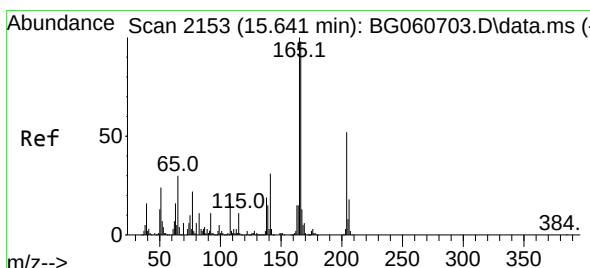
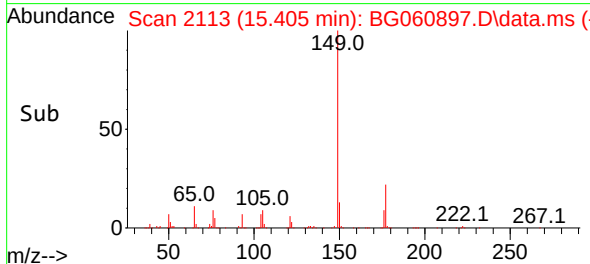
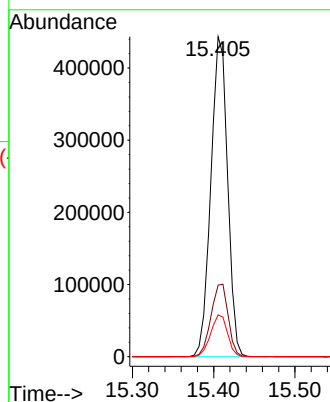
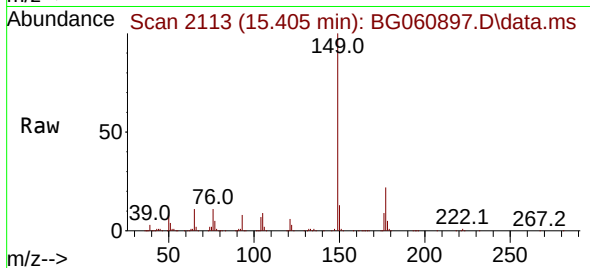
Tgt Ion:149 Resp: 632425
 Ion Ratio Lower Upper
 149 100
 177 22.4 18.0 27.0
 150 13.0 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#61

4-Chlorophenyl-phenylether

Concen: 47.701 ng

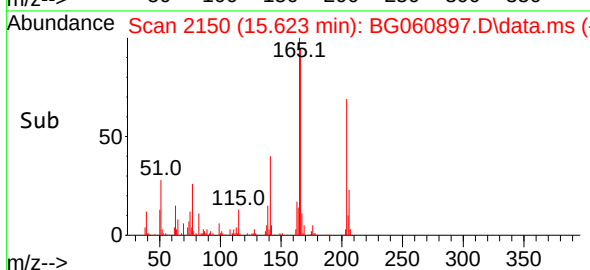
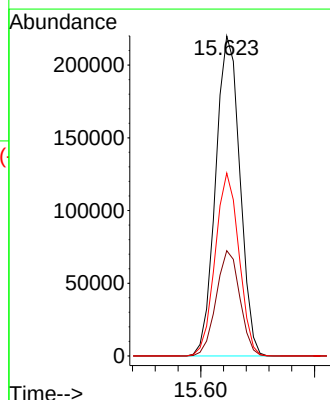
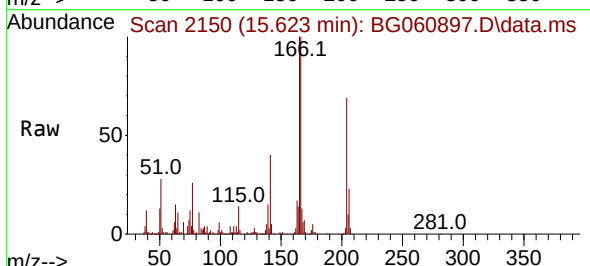
RT: 15.623 min Scan# 2150

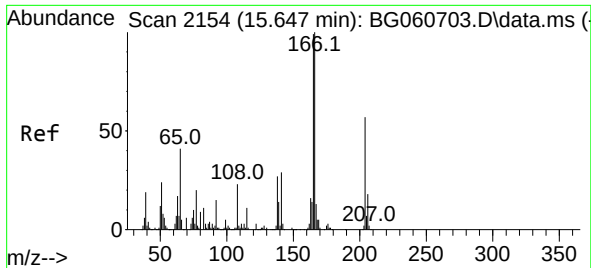
Delta R.T. -0.018 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Tgt Ion:204 Resp: 326432
 Ion Ratio Lower Upper
 204 100
 206 32.9 28.3 42.5
 141 57.1 47.2 70.8





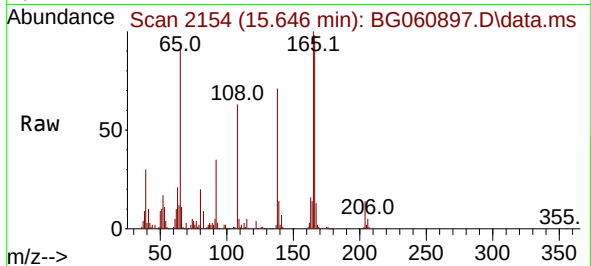
#62
4-Nitroaniline
Concen: 40.683 ng
RT: 15.646 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

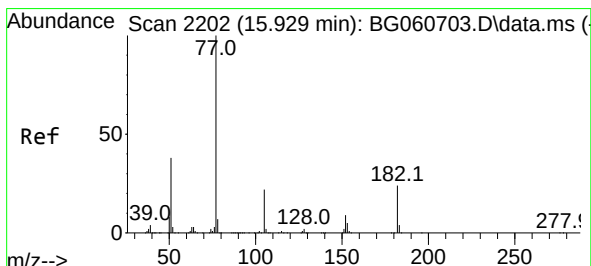
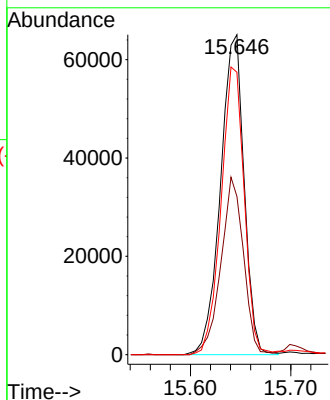
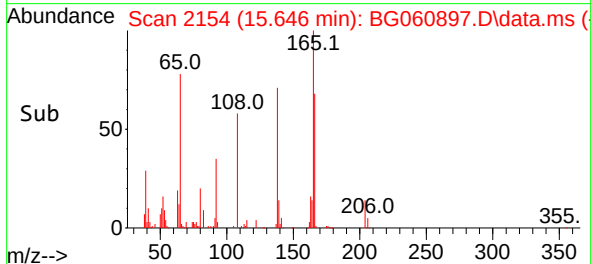


Tgt Ion:138 Resp: 10610
Ion Ratio Lower Upper
138 100
92 49.5 36.8 76.8
108 88.3 66.9 106.9

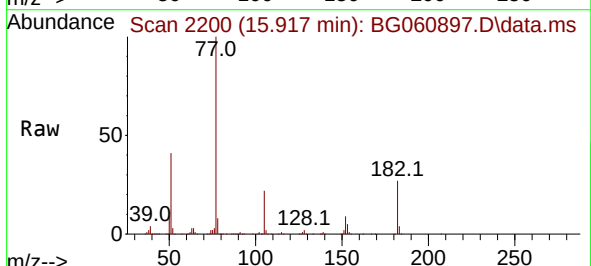
Manual Integrations

APPROVED

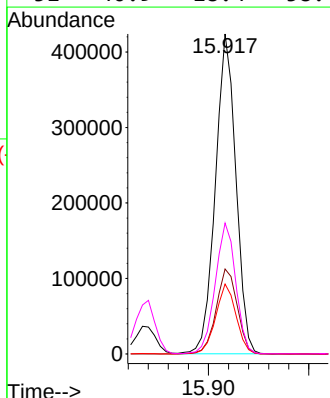
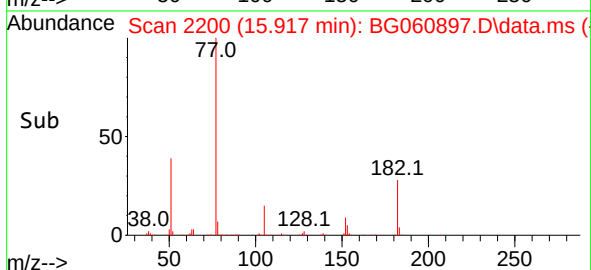
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

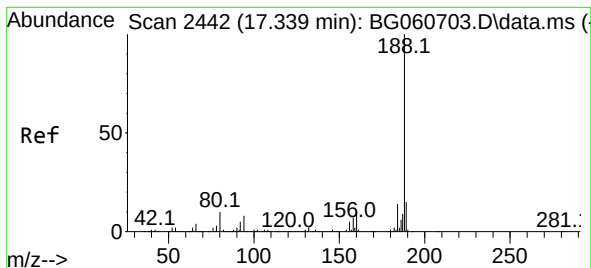


#63
Azobenzene
Concen: 42.855 ng
RT: 15.917 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15



Tgt Ion: 77 Resp: 599340
Ion Ratio Lower Upper
77 100
182 26.5 3.9 43.9
105 21.9 1.7 41.7
51 40.9 18.4 58.4





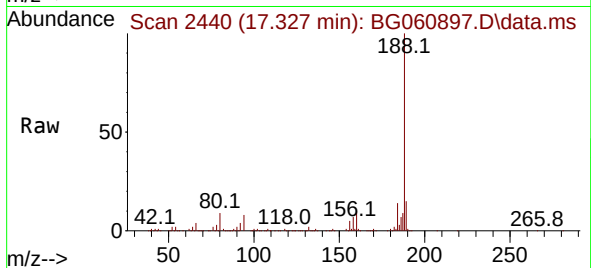
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



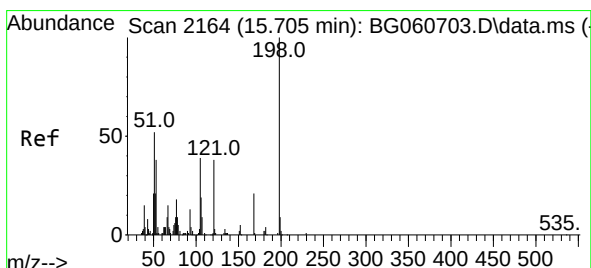
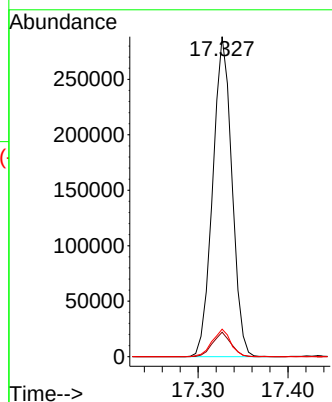
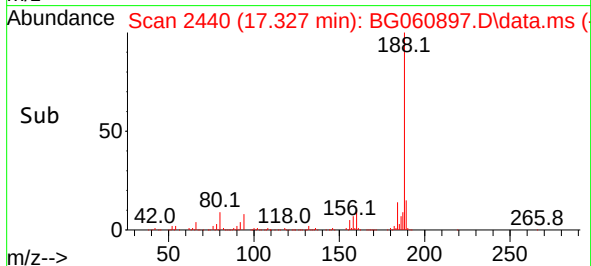
Tgt Ion:188 Resp: 427869
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.6 7.6 11.4

Manual Integrations

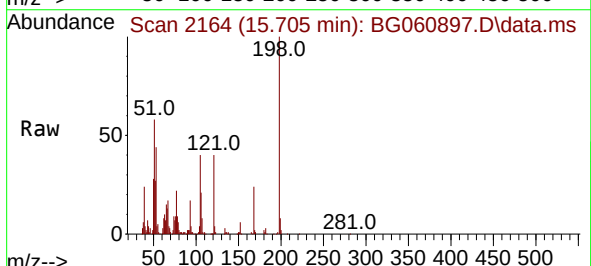
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

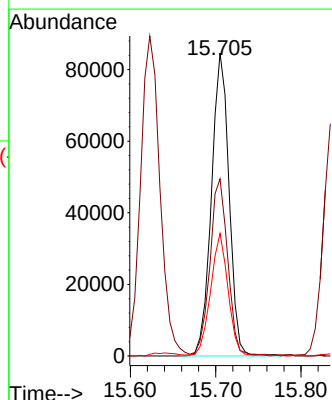
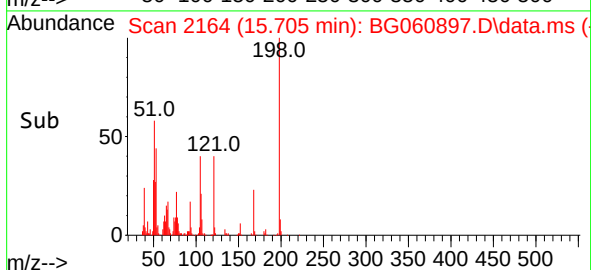
Supervised By :mohammad ahmed 04/17/2024

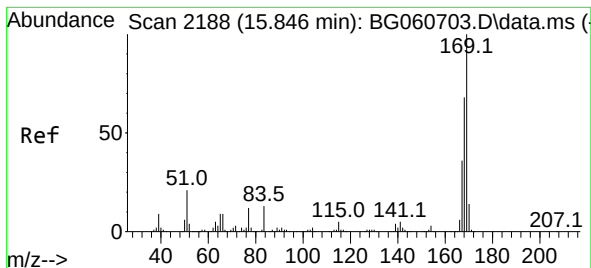


#65
4,6-Dinitro-2-methylphenol
Concen: 65.589 ng
RT: 15.705 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15



Tgt Ion:198 Resp: 121147
Ion Ratio Lower Upper
198 100
51 58.5 36.7 76.7
105 40.5 19.1 59.1





#66

n-Nitrosodiphenylamine

Concen: 40.997 ng

RT: 15.840 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:169 Resp: 50127

Ion Ratio Lower Upper

169 100

168 63.1 54.5 81.7

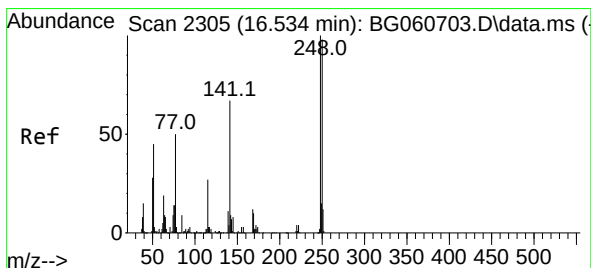
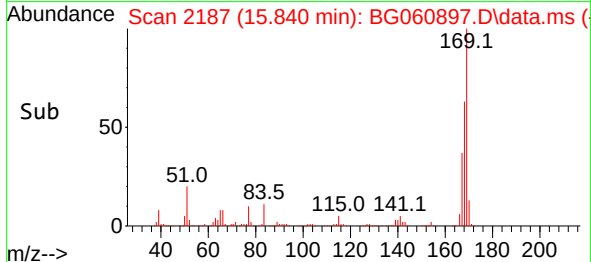
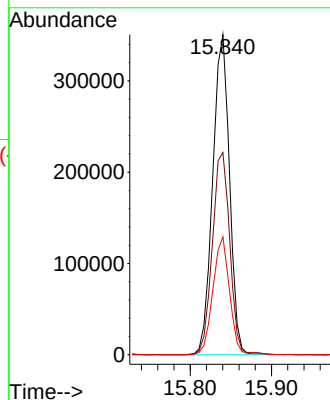
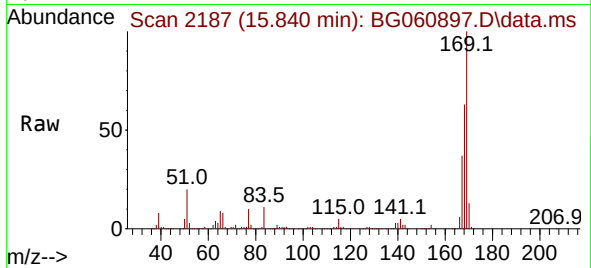
167 36.8 29.2 43.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#67

4-Bromophenyl-phenylether

Concen: 52.871 ng

RT: 16.522 min Scan# 2303

Delta R.T. -0.012 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

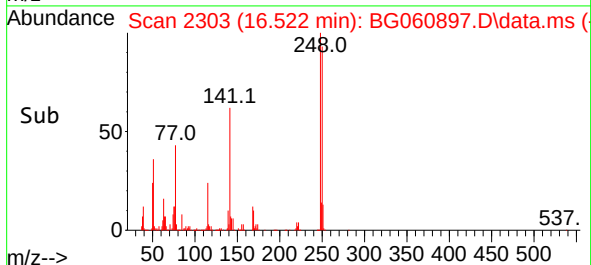
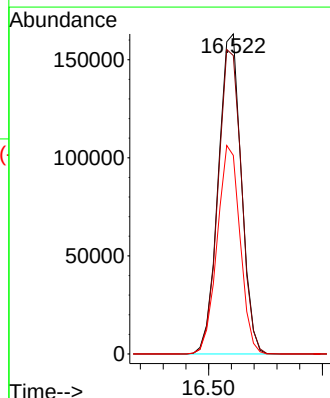
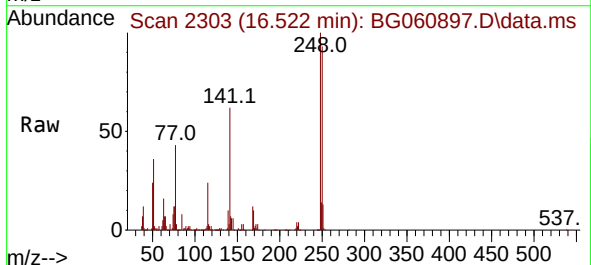
Tgt Ion:248 Resp: 229581

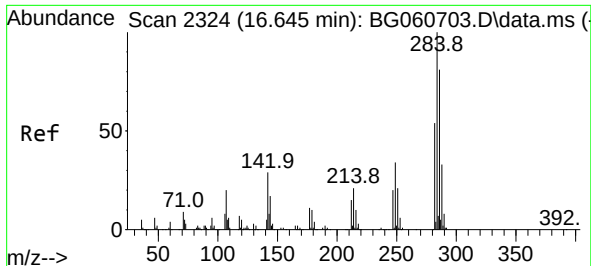
Ion Ratio Lower Upper

248 100

250 93.3 78.3 117.5

141 62.1 53.7 80.5





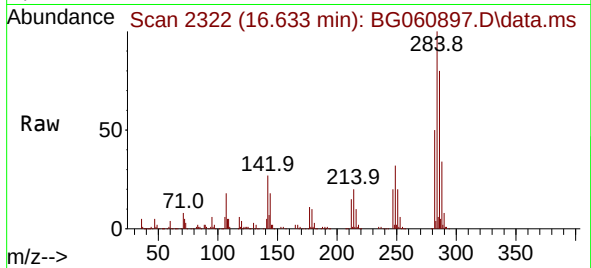
#68
Hexachlorobenzene
Concen: 53.665 ng
RT: 16.633 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

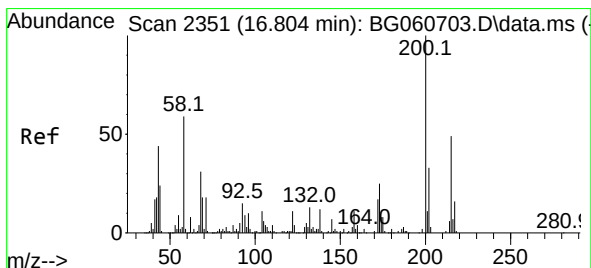
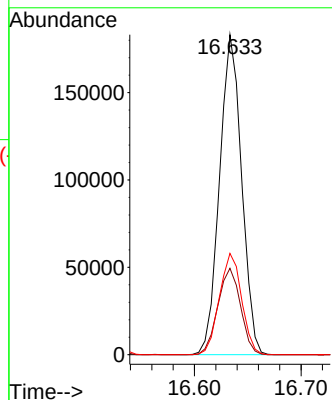
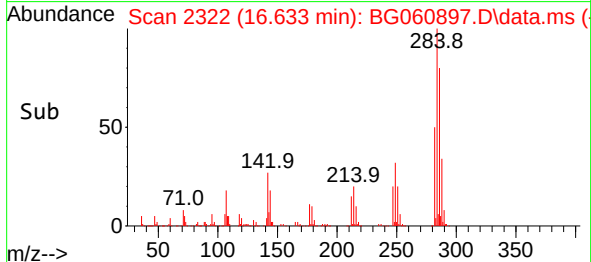


Tgt Ion:284 Resp: 263062
Ion Ratio Lower Upper
284 100
142 27.0 22.9 34.3
249 31.7 27.1 40.7

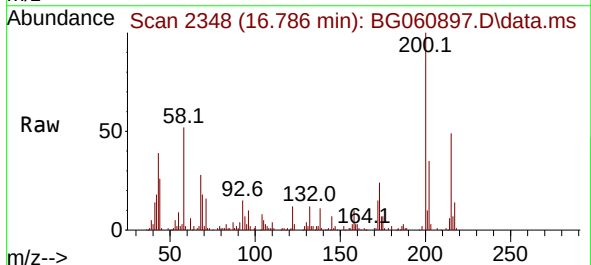
Manual Integrations

APPROVED

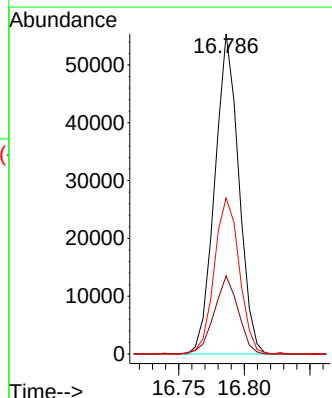
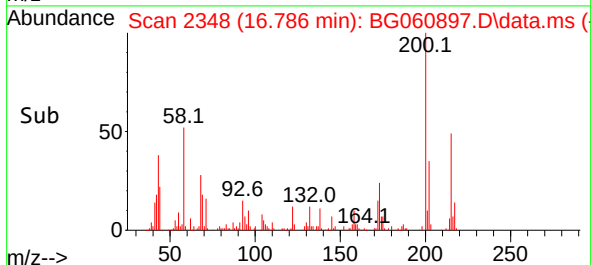
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

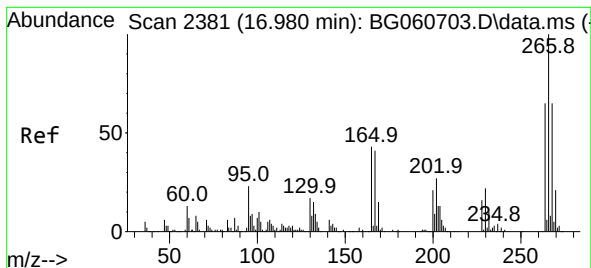


#69
Atrazine
Concen: 16.410 ng
RT: 16.786 min Scan# 2348
Delta R.T. -0.018 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15



Tgt Ion:200 Resp: 70166
Ion Ratio Lower Upper
200 100
173 24.4 5.2 45.2
215 48.7 28.8 68.8





#70

Pentachlorophenol

Concen: 107.294 ng

RT: 16.980 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG060897.D

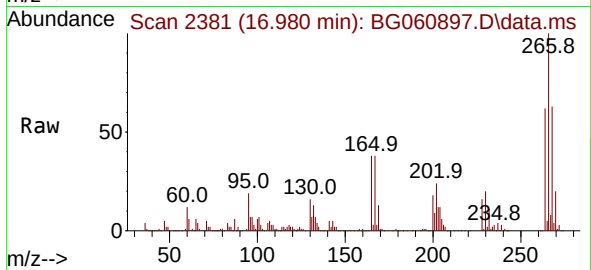
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



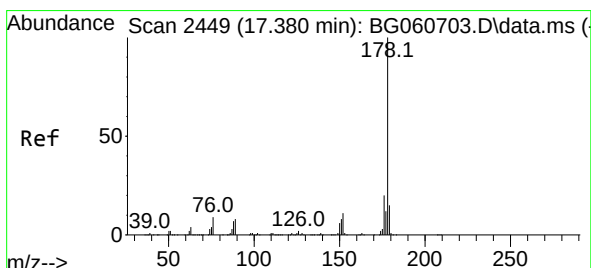
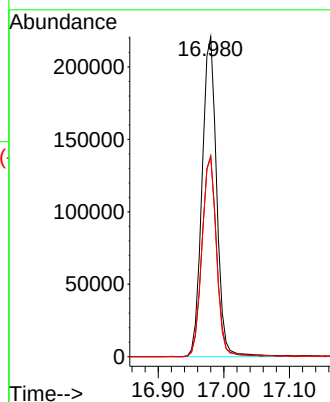
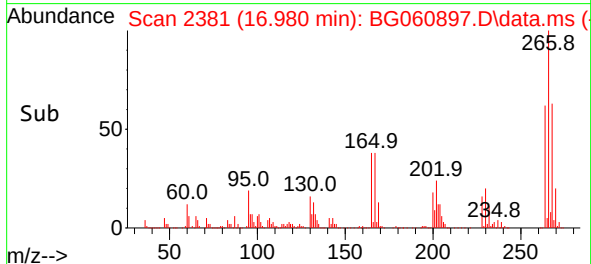
Tgt Ion:	266	Resp:	343180
Ion Ratio	Lower	Upper	
266	100		
268	62.8	52.2	78.4
264	62.4	51.8	77.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#71

Phenanthrene

Concen: 45.389 ng

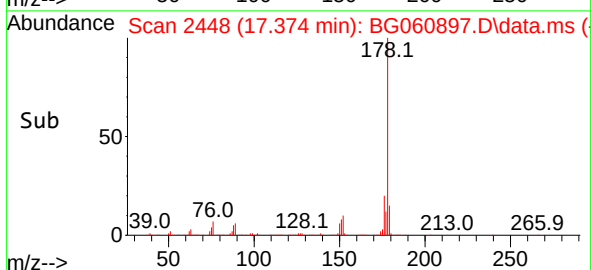
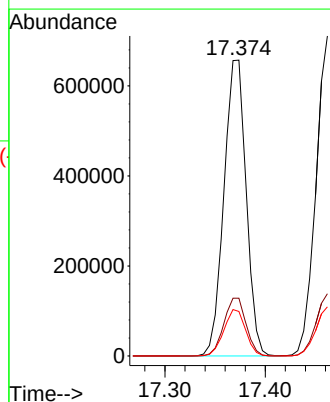
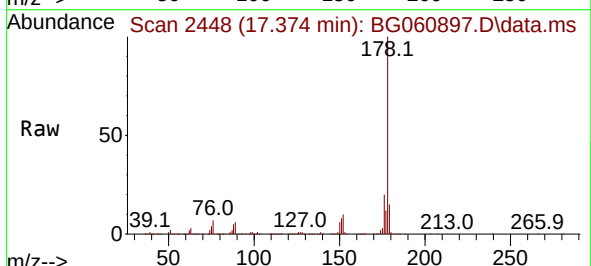
RT: 17.374 min Scan# 2448

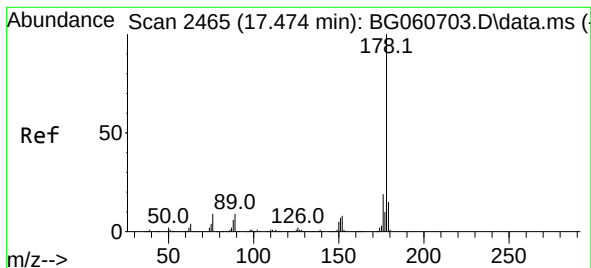
Delta R.T. -0.006 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

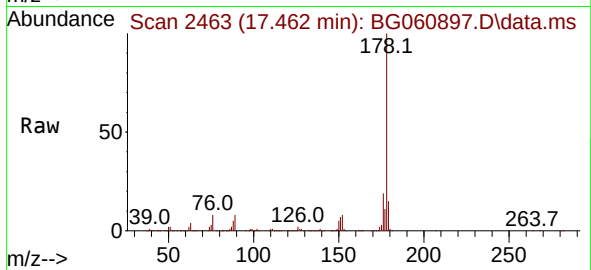
Tgt Ion:	178	Resp:	1010019
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.6
179	15.1	12.2	18.4





#72
Anthracene
Concen: 45.591 ng
RT: 17.462 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

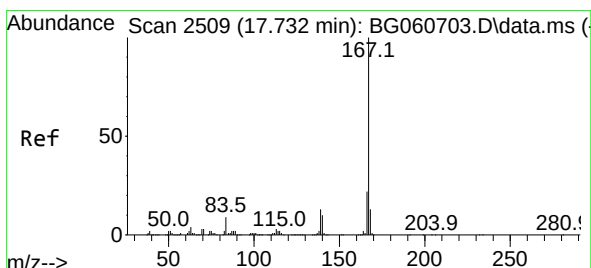
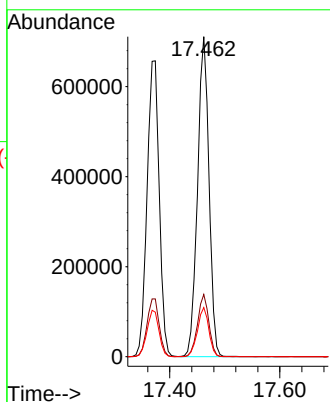
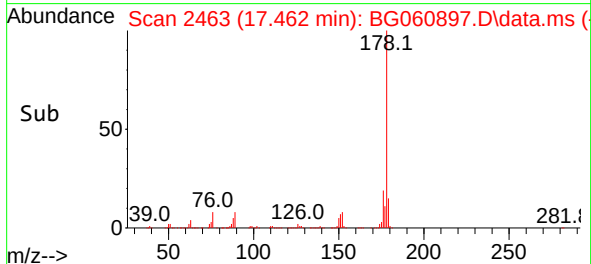
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:178 Resp: 103030
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.2 18.2

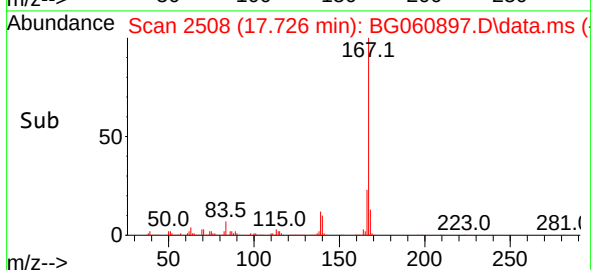
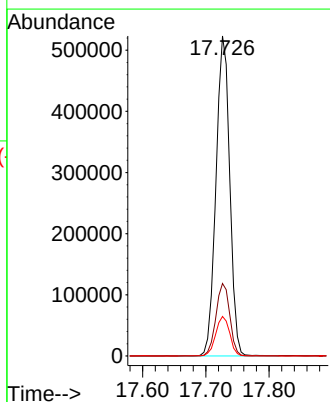
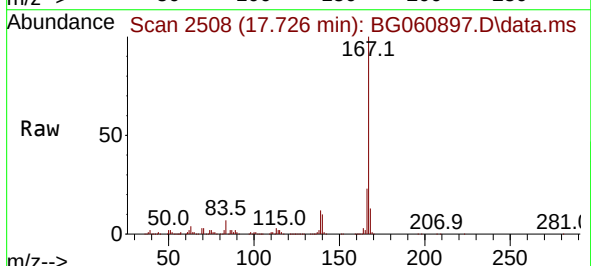
Manual Integrations
APPROVED

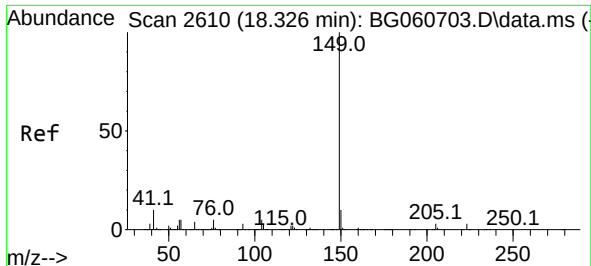
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#73
Carbazole
Concen: 39.705 ng
RT: 17.726 min Scan# 2508
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:167 Resp: 791120
Ion Ratio Lower Upper
167 100
166 22.6 18.0 27.0
139 12.4 10.5 15.7





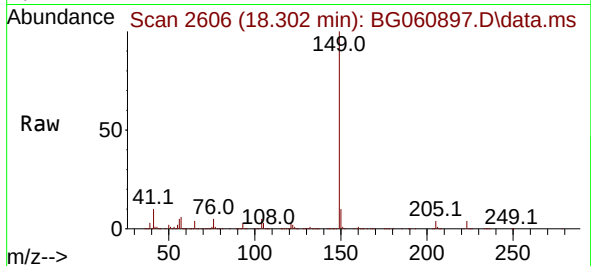
#74
Di-n-butylphthalate
Concen: 43.709 ng
RT: 18.302 min Scan# 20
Delta R.T. -0.024 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



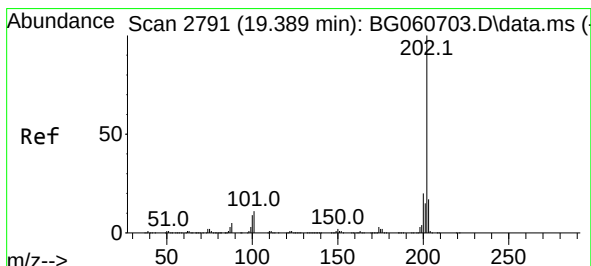
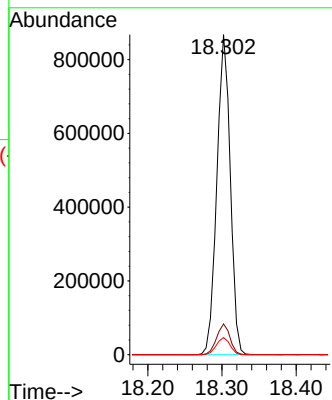
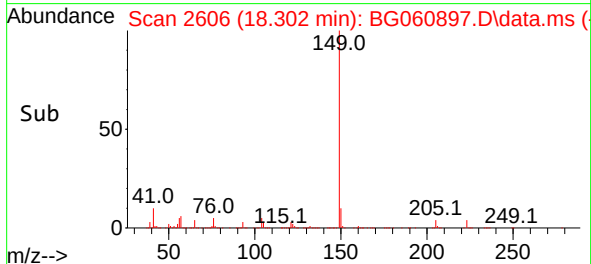
Tgt Ion:149 Resp: 108578
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.4 4.2 6.4

Manual Integrations

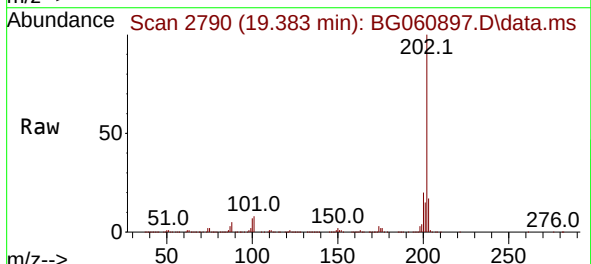
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

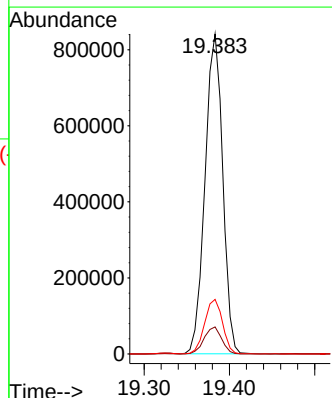
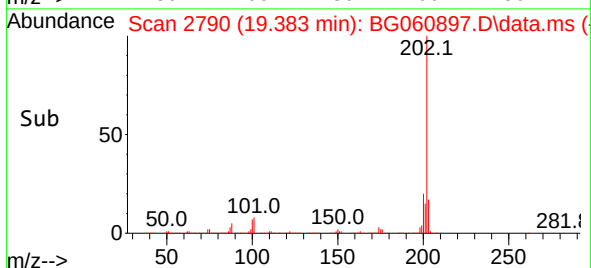
Supervised By :mohammad ahmed 04/17/2024

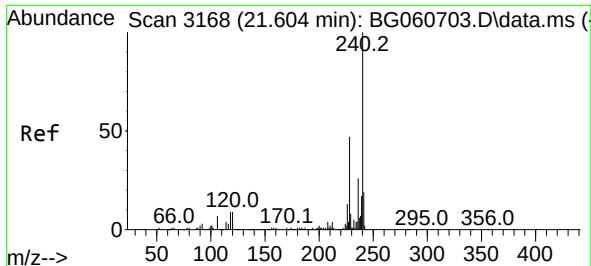


#75
Fluoranthene
Concen: 44.852 ng
RT: 19.383 min Scan# 2790
Delta R.T. -0.006 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15



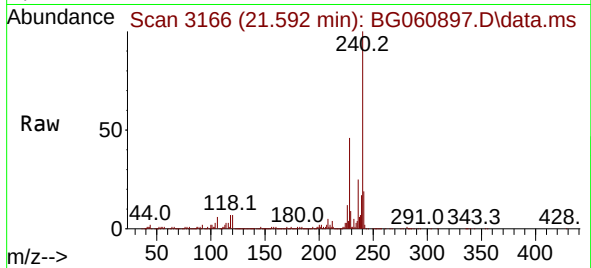
Tgt Ion:202 Resp: 1211111
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.8
203 17.0 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

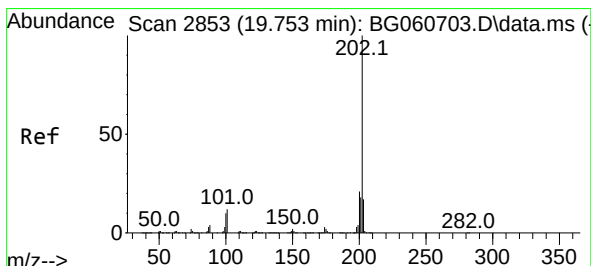
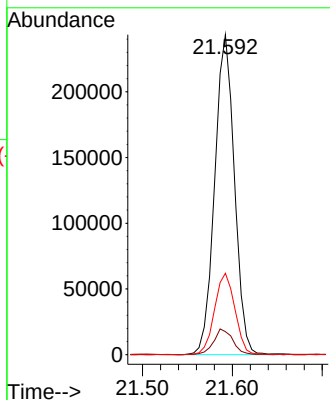
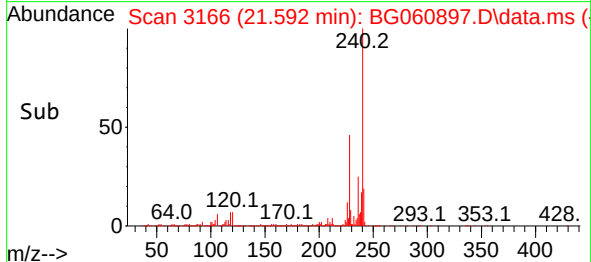
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:240 Resp: 371124
Ion Ratio Lower Upper
240 100
120 7.2 7.1 10.7
236 25.4 20.7 31.1

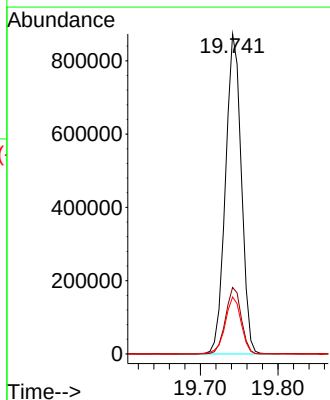
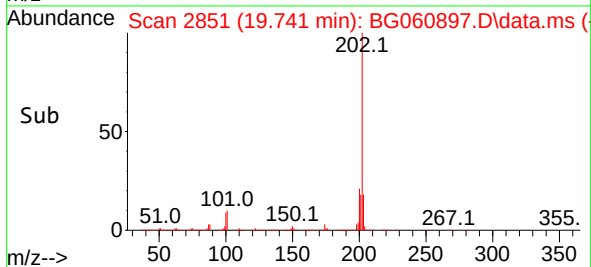
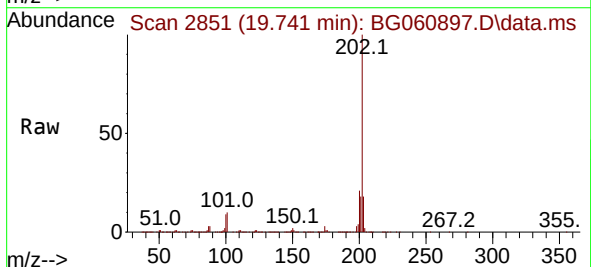
Manual Integrations
APPROVED

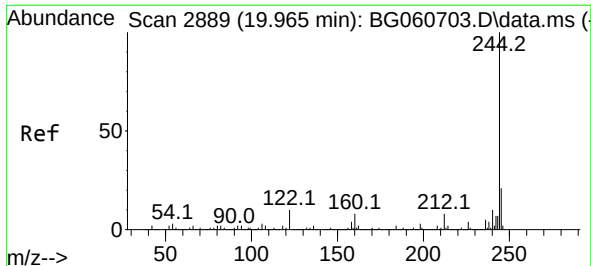
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#78
Pyrene
Concen: 47.832 ng
RT: 19.741 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:202 Resp: 1241508
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.8 14.0 21.0





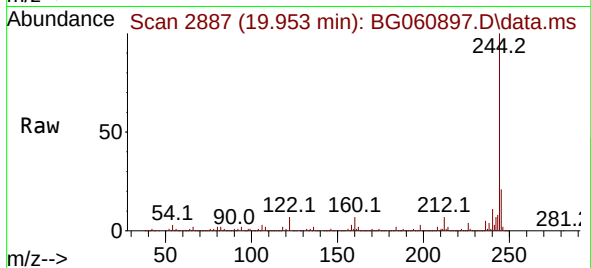
#79
 Terphenyl-d14
 Concen: 87.168 ng
 RT: 19.953 min Scan# 2887
 Delta R.T. -0.012 min
 Lab File: BG060897.D
 Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



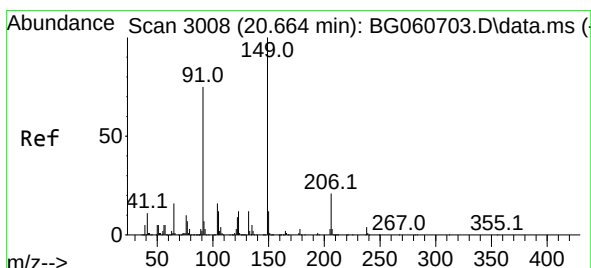
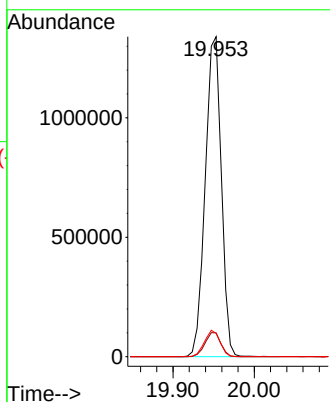
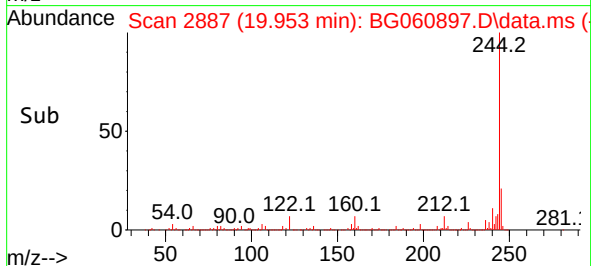
Tgt Ion:244 Resp: 183720
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 7.3 7.8 11.8

Manual Integrations

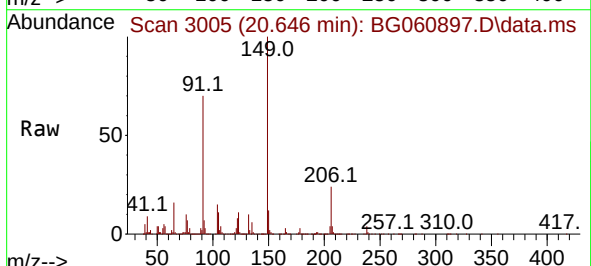
APPROVED

Reviewed By :Yogesh Patel 04/16/2024

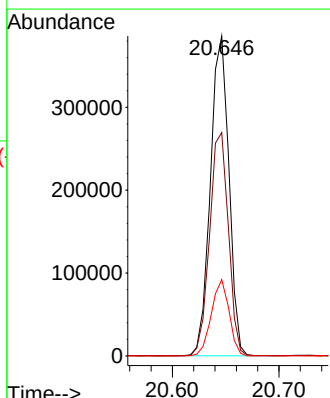
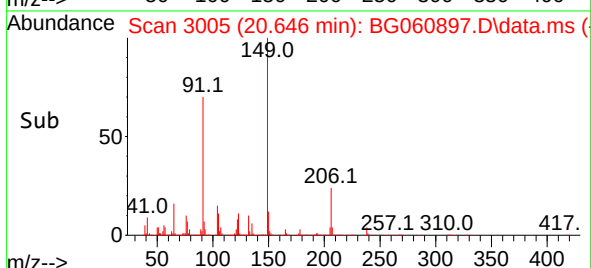
Supervised By :mohammad ahmed 04/17/2024

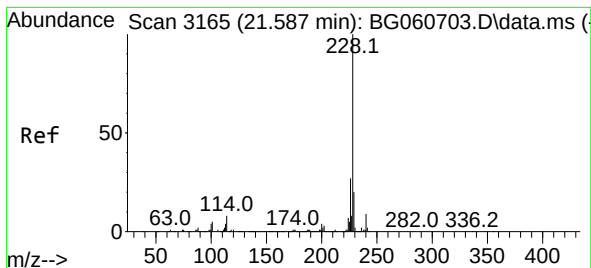


#80
 Butylbenzylphthalate
 Concen: 49.114 ng
 RT: 20.646 min Scan# 3005
 Delta R.T. -0.018 min
 Lab File: BG060897.D
 Acq: 13 Apr 2024 17:15



Tgt Ion:149 Resp: 465021
 Ion Ratio Lower Upper
 149 100
 91 69.8 60.1 90.1
 206 23.9 16.8 25.2





#81

Benzo(a)anthracene

Concen: 47.158 ng

RT: 21.575 min Scan# 3165

Delta R.T. -0.012 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:228 Resp: 1233660

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

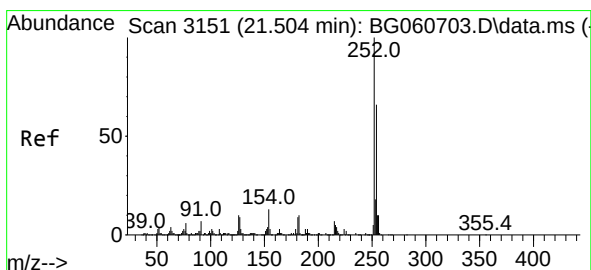
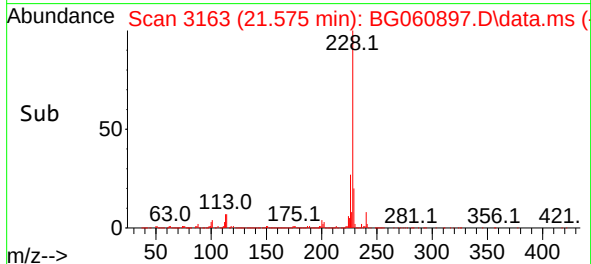
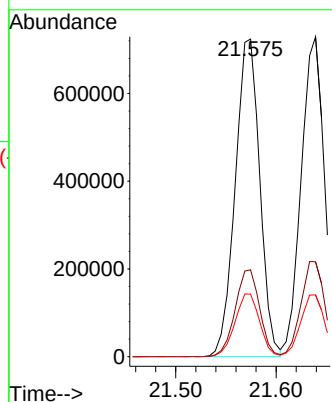
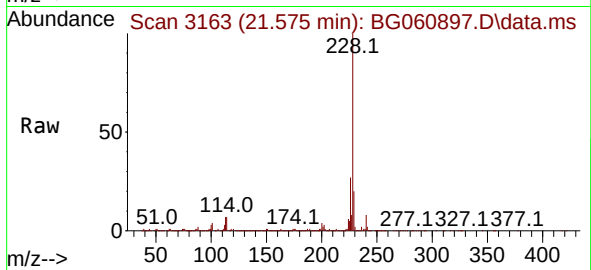
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.669 ng m

RT: 21.486 min Scan# 3148

Delta R.T. -0.018 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

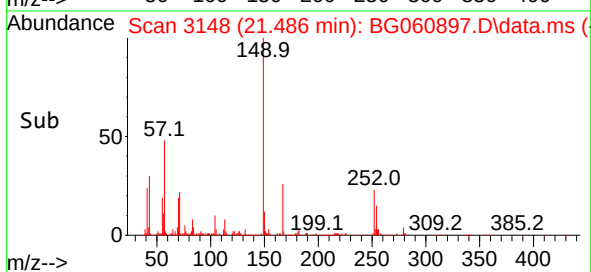
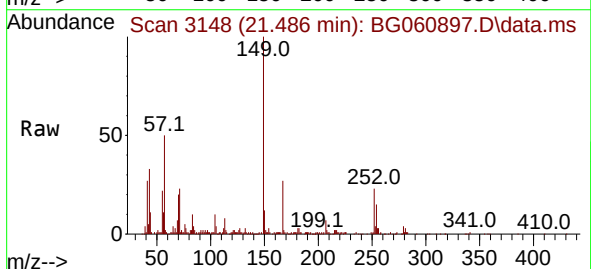
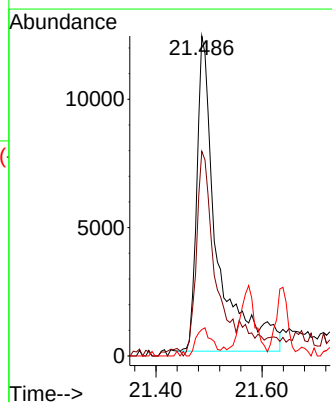
Tgt Ion:252 Resp: 32408

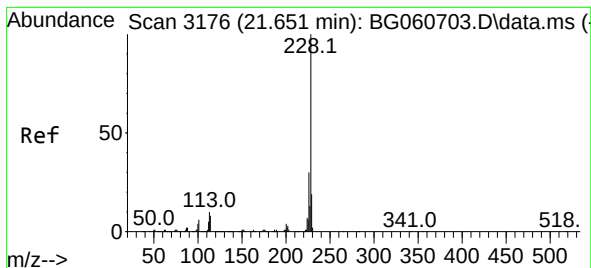
Ion Ratio Lower Upper

252 100

254 64.0 52.6 78.8

126 8.2 7.8 11.8





#83

Chrysene

Concen: 46.115 ng

RT: 21.639 min Scan# 3174

Delta R.T. -0.012 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:228 Resp: 1162774

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.4

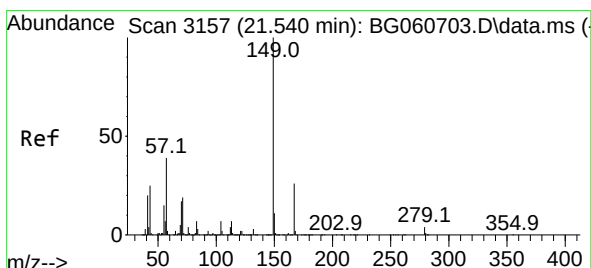
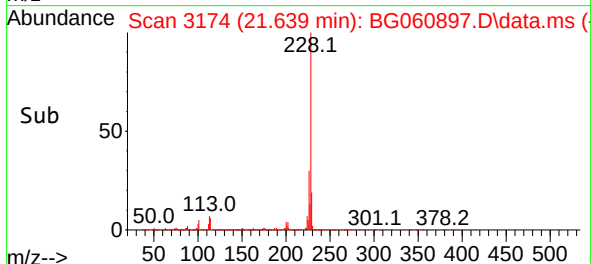
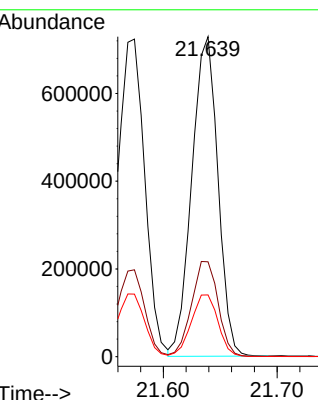
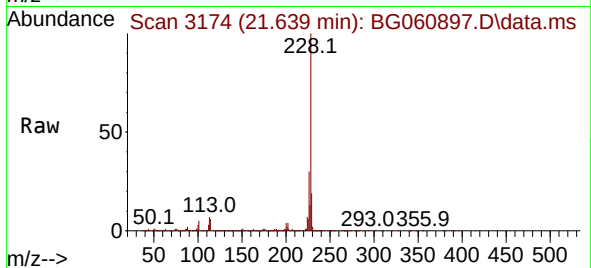
229 19.3 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.735 ng

RT: 21.504 min Scan# 3151

Delta R.T. -0.036 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

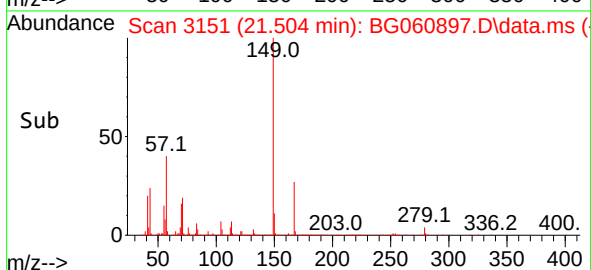
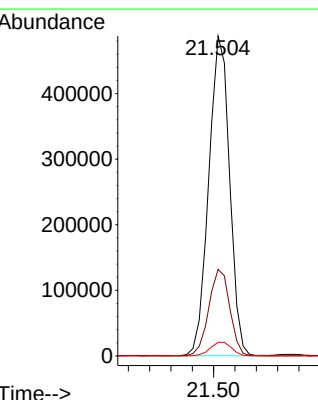
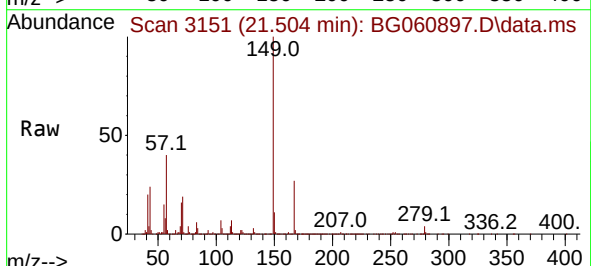
Tgt Ion:149 Resp: 660019

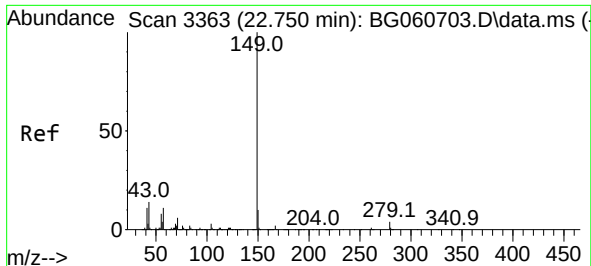
Ion Ratio Lower Upper

149 100

167 27.1 20.6 30.8

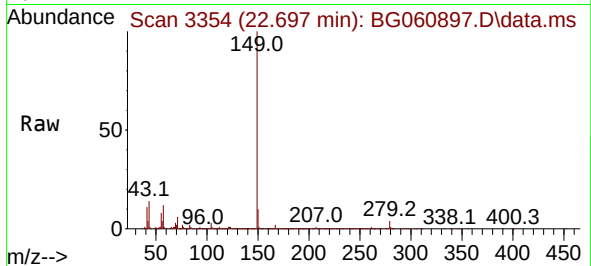
279 4.3 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 45.927 ng
RT: 22.697 min Scan# 31
Delta R.T. -0.053 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

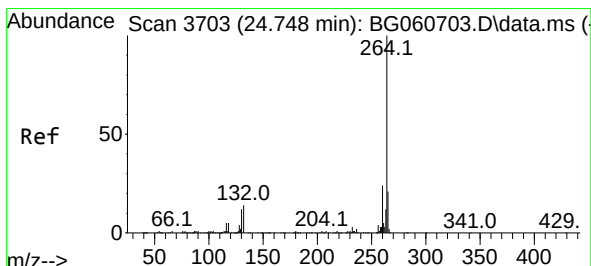
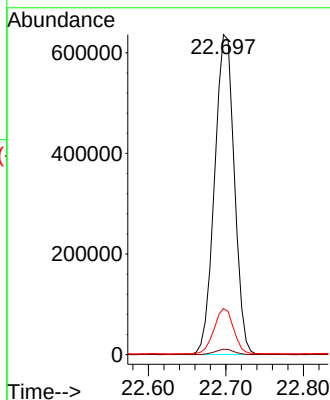
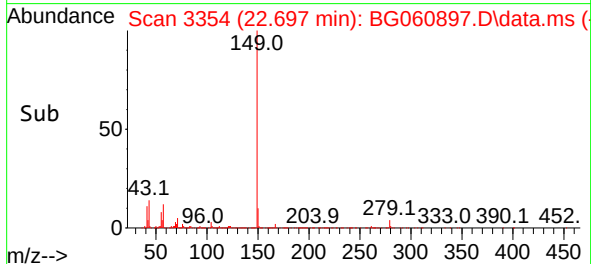
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



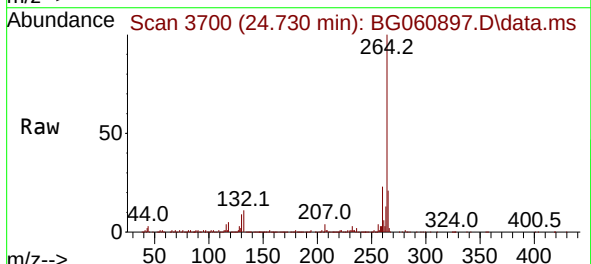
Tgt Ion:149 Resp: 1129119
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.0 11.3 16.9

Manual Integrations
APPROVED

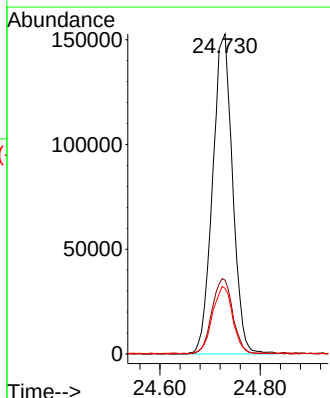
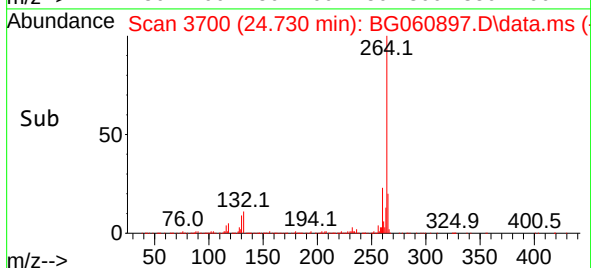
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

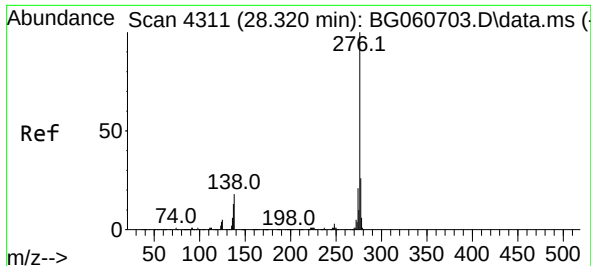


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3700
Delta R.T. -0.018 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15



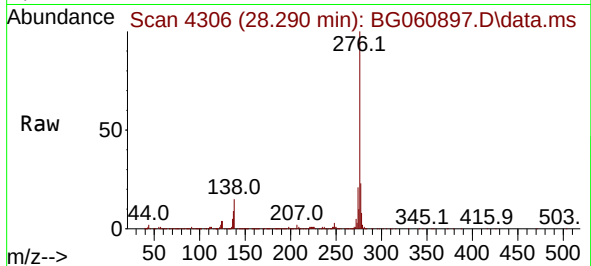
Tgt Ion:264 Resp: 422825
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 20.5 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.956 ng
RT: 28.290 min Scan# 4311
Delta R.T. -0.030 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

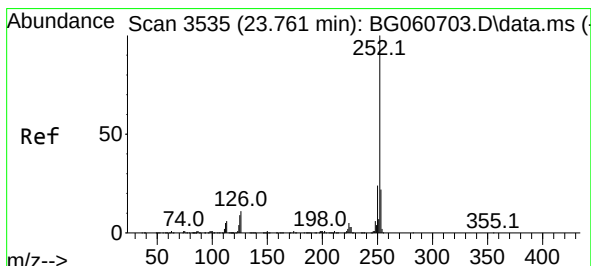
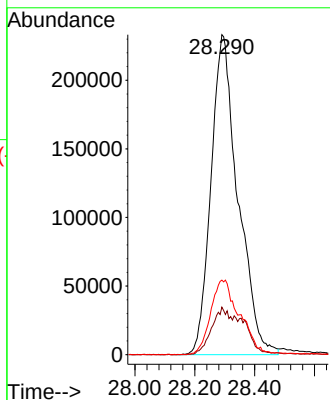
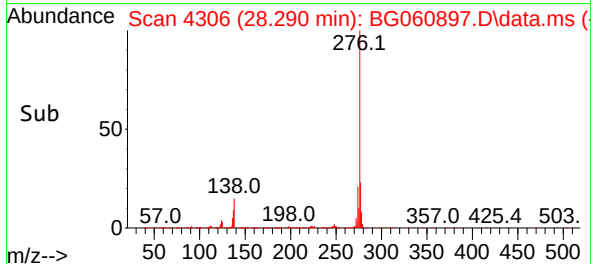
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:276 Resp: 1457700
Ion Ratio Lower Upper
276 100
138 10.3 12.4 18.6
277 25.2 20.2 30.2

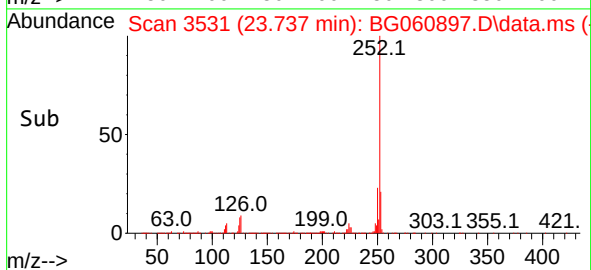
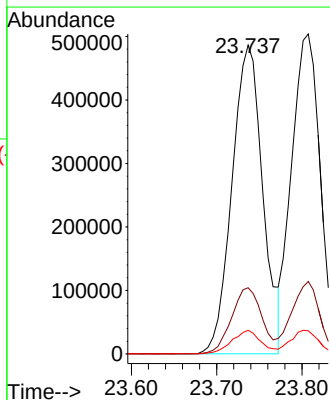
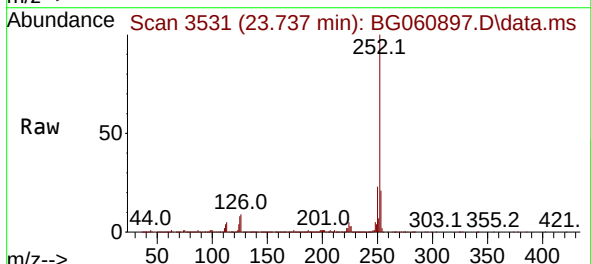
Manual Integrations
APPROVED

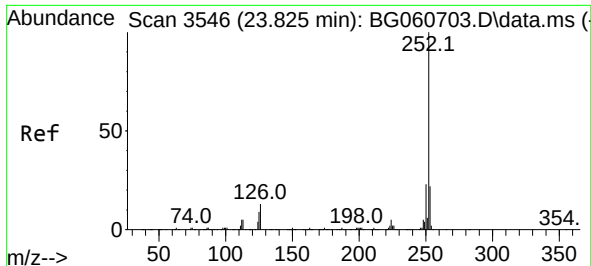
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#88
Benzo(b)fluoranthene
Concen: 50.158 ng
RT: 23.737 min Scan# 3531
Delta R.T. -0.024 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

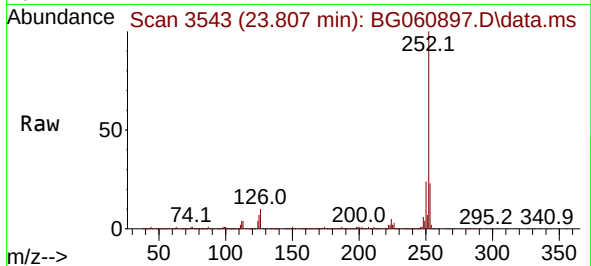
Tgt Ion:252 Resp: 1218395
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 7.7 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 47.261 ng m
RT: 23.807 min Scan# 3546
Delta R.T. -0.018 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

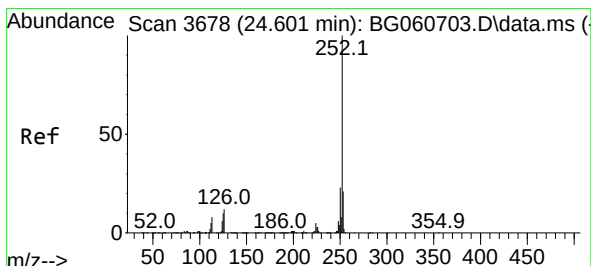
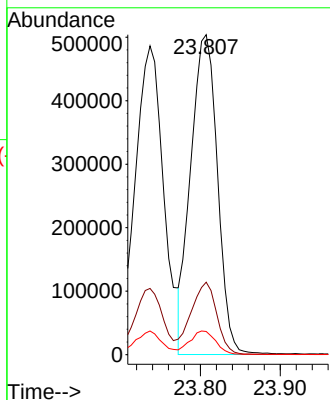
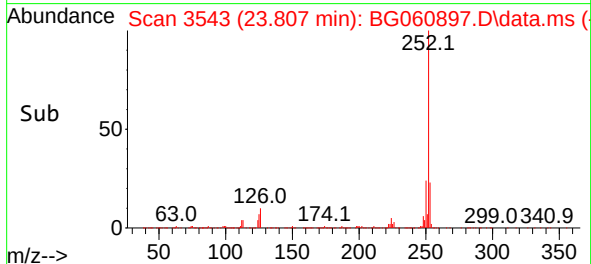
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:252 Resp: 117505
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 7.3 7.5 11.3

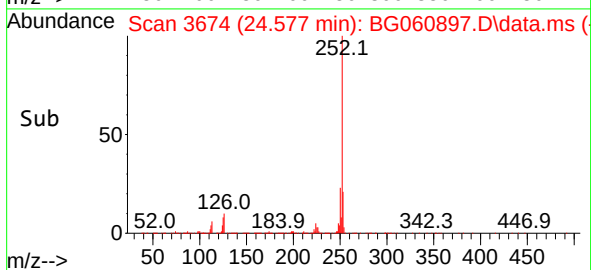
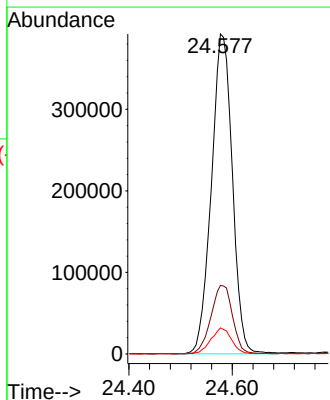
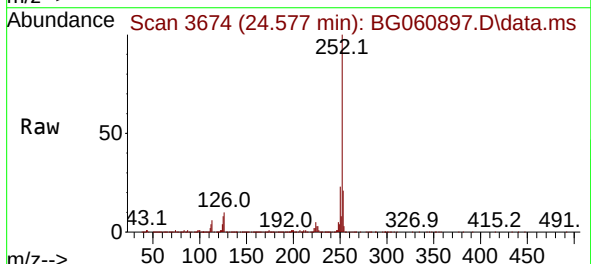
Manual Integrations
APPROVED

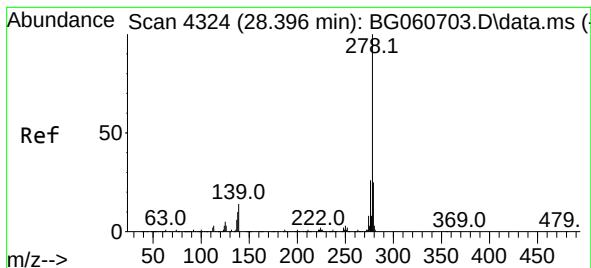
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#90
Benzo(a)pyrene
Concen: 46.659 ng
RT: 24.577 min Scan# 3674
Delta R.T. -0.024 min
Lab File: BG060897.D
Acq: 13 Apr 2024 17:15

Tgt Ion:252 Resp: 1101444
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 8.1 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 48.446 ng

RT: 28.367 min Scan# 4319

Delta R.T. -0.030 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:278 Resp: 121600

Ion Ratio Lower Upper

278 100

139 10.6 11.1 16.7

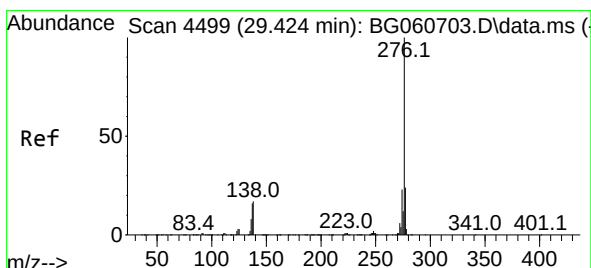
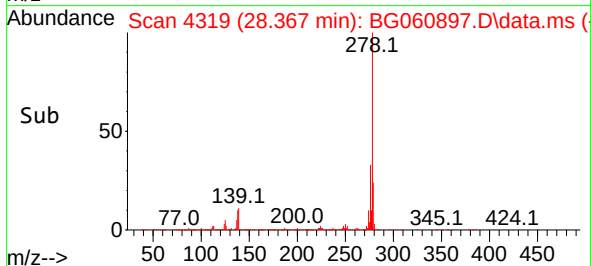
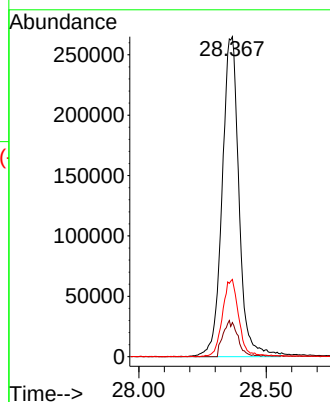
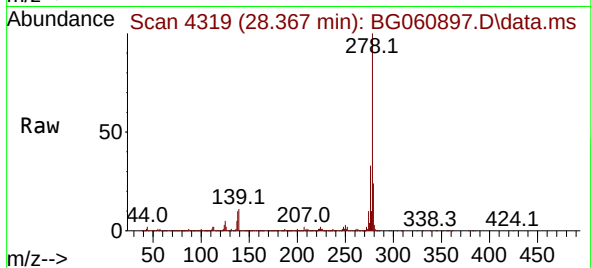
279 24.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 45.086 ng

RT: 29.401 min Scan# 4495

Delta R.T. -0.024 min

Lab File: BG060897.D

Acq: 13 Apr 2024 17:15

Tgt Ion:276 Resp: 1100835

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 14.8 14.0 21.0

