

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060356.D
 Acq On : 18 Jan 2024 17:31
 Operator : MA/JU
 Sample : P1159-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 18 18:03:34 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 09 04:07:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	279271	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	998149	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	720203	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1761581	20.000	ng	0.00
76) Chrysene-d12	21.579	240	1580855	20.000	ng	0.00
86) Perylene-d12	24.740	264	1838887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1891725	111.414	ng	0.00
7) Phenol-d6	7.096	99	2750186	109.385	ng	0.00
23) Nitrobenzene-d5	9.087	82	1461209	69.126	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1125760	106.241	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3527202	68.091	ng	0.00
79) Terphenyl-d14	19.933	244	4861912	73.839	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.400	88	274126	35.344	ng	98
3) Pyridine	3.794	79	767480	35.072	ng	97
4) n-Nitrosodimethylamine	3.711	42	274063	40.017	ng	95
6) Aniline	7.254	93	843260	33.555	ng	99
8) 2-Chlorophenol	7.495	128	826710	49.129	ng	94
9) Benzaldehyde	7.066	77	779181	53.991	ng	96
10) Phenol	7.119	94	1286754	51.045	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	898336	43.733	ng	96
12) 1,3-Dichlorobenzene	7.818	146	889198	42.100	ng	99
13) 1,4-Dichlorobenzene	7.959	146	915858	42.737	ng	99
14) 1,2-Dichlorobenzene	8.277	146	893954	40.568	ng	98
15) Benzyl Alcohol	8.165	79	798721m	49.076	ng	
16) 2,2'-oxybis(1-Chloropr...	8.441	45	919005m	36.861	ng	
17) 2-Methylphenol	8.371	107	784855	45.330	ng	99
18) Hexachloroethane	9.005	117	272970	36.330	ng	97
19) n-Nitroso-di-n-propyla...	8.729	70	644684	37.049	ng	98
20) 3+4-Methylphenols	8.694	107	985279	42.206	ng	96
22) Acetophenone	8.747	105	1229111	44.797	ng	# 100
24) Nitrobenzene	9.134	77	927500	42.327	ng	99
25) Isophorone	9.651	82	1762008	41.507	ng	99
26) 2-Nitrophenol	9.845	139	395434	49.080	ng	95
27) 2,4-Dimethylphenol	9.898	122	591288	55.540	ng	99
28) bis(2-Chloroethoxy)met...	10.133	93	1114641	42.974	ng	99
29) 2,4-Dichlorophenol	10.374	162	843779	48.909	ng	97
30) 1,2,4-Trichlorobenzene	10.592	180	909171	42.360	ng	93
31) Naphthalene	10.780	128	2219107	42.413	ng	99
32) Benzoic acid	10.033	122	368839	41.095	ng	92
33) 4-Chloroaniline	10.891	127	384349	19.065	ng	98
34) Hexachlorobutadiene	11.062	225	586433	41.943	ng	98
35) Caprolactam	11.667	113	256004	46.072	ng	91
36) 4-Chloro-3-methylphenol	12.013	107	847458	48.354	ng	97
37) 2-Methylnaphthalene	12.389	142	1646633	42.433	ng	98
38) 1-Methylnaphthalene	12.607	142	1587070	40.729	ng	98
40) 1,2,4,5-Tetrachloroben...	12.754	216	1139003	44.530	ng	99
41) Hexachlorocyclopentadiene	12.736	237	1066588	125.597	ng	98
43) 2,4,6-Trichlorophenol	12.995	196	768192	47.192	ng	95

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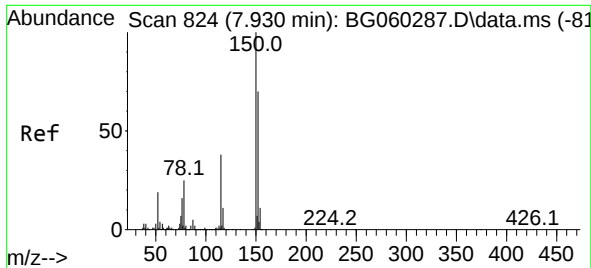
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 18 18:03:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	842394	46.919	ng	98
46) 1,1'-Biphenyl	13.400	154	2383447	43.843	ng	100
47) 2-Chloronaphthalene	13.441	162	2002836	43.004	ng	99
48) 2-Nitroaniline	13.647	65	584016	50.353	ng	97
49) Acenaphthylene	14.287	152	3065075	47.792	ng	98
50) Dimethylphthalate	14.017	163	2379547	43.236	ng	100
51) 2,6-Dinitrotoluene	14.140	165	544511	46.366	ng	94
52) Acenaphthene	14.628	154	1750642	43.838	ng	98
53) 3-Nitroaniline	14.469	138	346373	32.369	ng	95
54) 2,4-Dinitrophenol	14.675	184	394759	58.077	ng	97
55) Dibenzofuran	14.963	168	3012057	45.182	ng	97
56) 4-Nitrophenol	14.781	139	738131	92.996	ng	98
57) 2,4-Dinitrotoluene	14.928	165	749465	46.539	ng	94
58) Fluorene	15.615	166	2460779	44.574	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.186	232	743041	48.737	ng	99
60) Diethylphthalate	15.380	149	2333146	44.158	ng	99
61) 4-Chlorophenyl-phenyle...	15.603	204	1342649	44.149	ng	98
62) 4-Nitroaniline	15.639	138	540619	47.468	ng	99
63) Azobenzene	15.897	77	2381812	44.569	ng	99
65) 4,6-Dinitro-2-methylph...	15.691	198	362388	37.186	ng	93
66) n-Nitrosodiphenylamine	15.821	169	2170290	46.399	ng	98
67) 4-Bromophenyl-phenylether	16.502	248	878049	45.363	ng	99
68) Hexachlorobenzene	16.614	284	994753	43.416	ng	97
69) Atrazine	16.767	200	842793	47.785	ng	98
70) Pentachlorophenol	16.961	266	1052080	85.188	ng	95
71) Phenanthrene	17.354	178	3802785	44.661	ng	98
72) Anthracene	17.448	178	3878514	45.624	ng	99
73) Carbazole	17.718	167	3573204	44.585	ng	100
74) Di-n-butylphthalate	18.271	149	3684852	44.686	ng	100
75) Fluoranthene	19.369	202	4262033	41.675	ng	99
77) Benzidine	19.552	184	1759236	51.223	ng	99
78) Pyrene	19.734	202	4385246	43.439	ng	98
80) Butylbenzylphthalate	20.621	149	1771276	50.998	ng	98
81) Benzo(a)anthracene	21.561	228	4409437	45.056	ng	99
82) 3,3'-Dichlorobenzidine	21.479	252	969969	25.880	ng	99
83) Chrysene	21.626	228	4255216	44.209	ng	99
84) Bis(2-ethylhexyl)phtha...	21.461	149	2604674	49.628	ng	97
85) Di-n-octyl phthalate	22.648	149	4301279	50.573	ng	100
87) Indeno(1,2,3-cd)pyrene	28.347	276	5847951	45.737	ng	# 91
88) Benzo(b)fluoranthene	23.735	252	4830276	44.464	ng	99
89) Benzo(k)fluoranthene	23.805	252	4774283	44.536	ng	100
90) Benzo(a)pyrene	24.593	252	4548014	46.345	ng	99
91) Dibenzo(a,h)anthracene	28.412	278	4789344	45.867	ng	99
92) Benzo(g,h,i)perylene	29.481	276	4262662	39.831	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

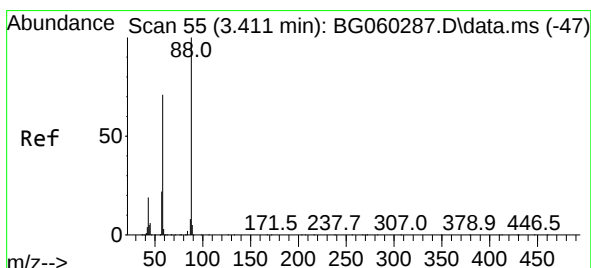
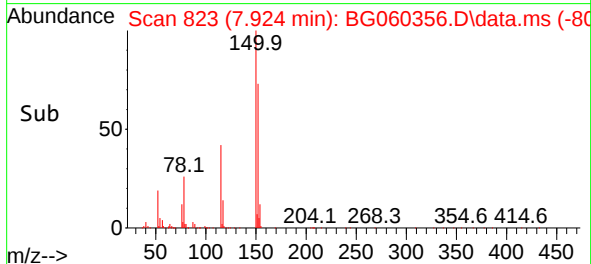
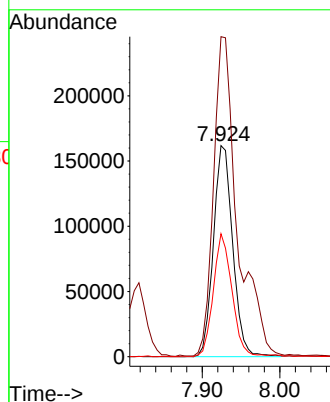
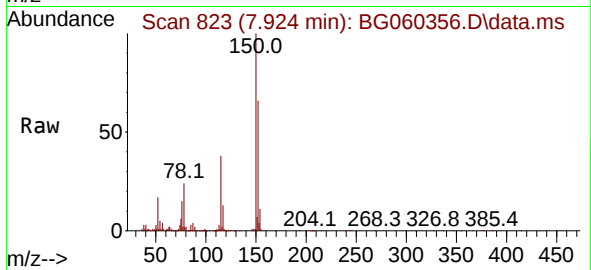
TP-011724MS

Tgt Ion:152 Resp: 27927
Ion Ratio Lower Upper
152 100
150 151.6 114.5 171.7
115 58.2 43.0 64.6

Manual Integrations

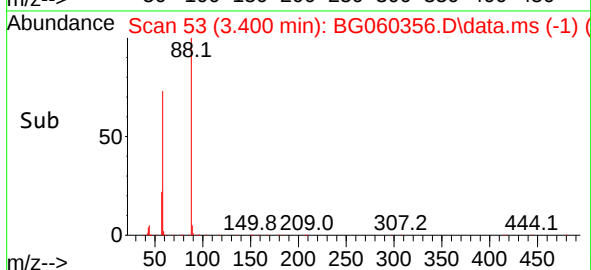
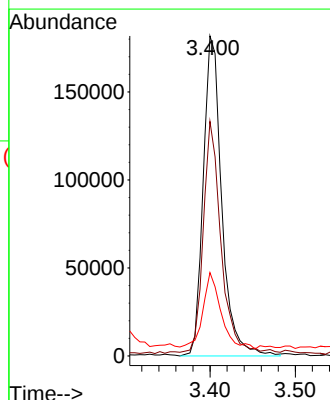
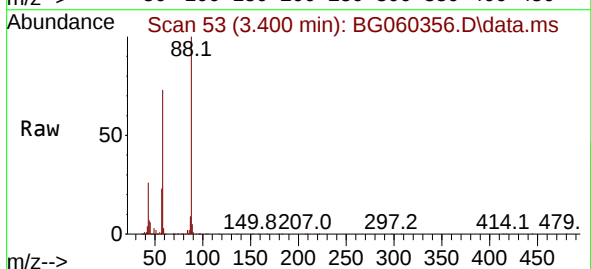
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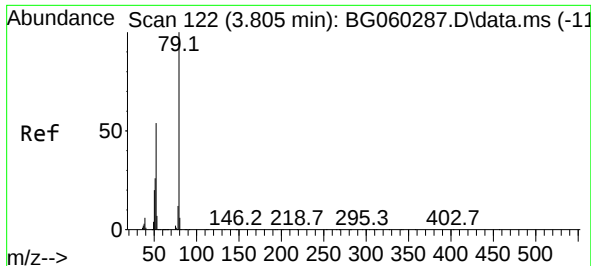
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#2
1,4-Dioxane
Concen: 35.344 ng
RT: 3.400 min Scan# 53
Delta R.T. -0.011 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion: 88 Resp: 274126
Ion Ratio Lower Upper
88 100
58 70.3 55.9 83.9
43 23.7 16.6 24.8





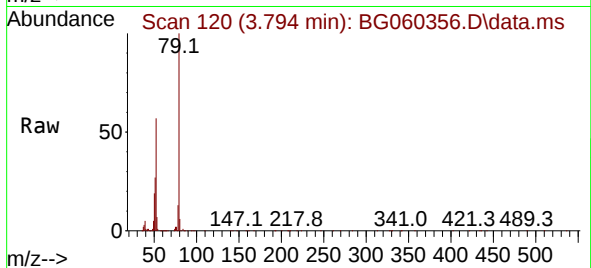
#3
Pyridine
Concen: 35.072 ng
RT: 3.794 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

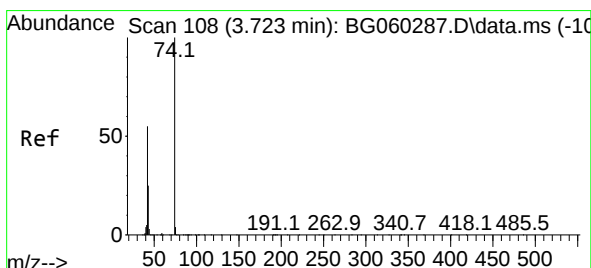
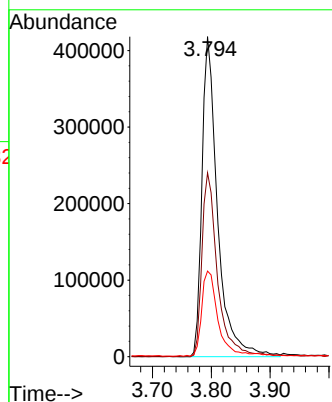
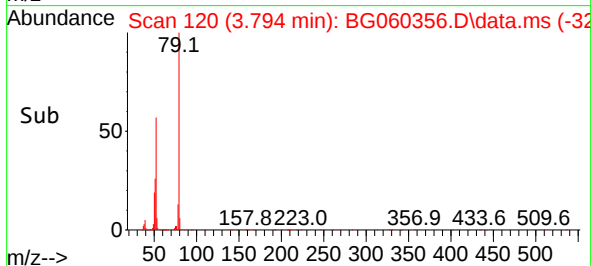


Tgt Ion: 79 Resp: 767480
Ion Ratio Lower Upper
79 100
52 57.4 43.2 64.8
51 26.7 21.4 32.2

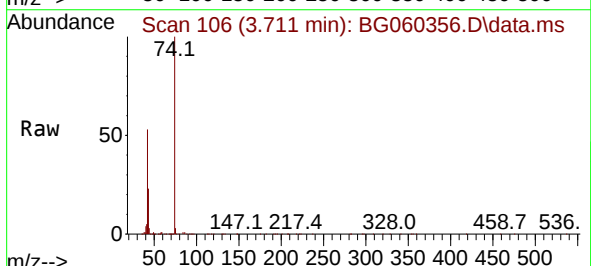
Manual Integrations

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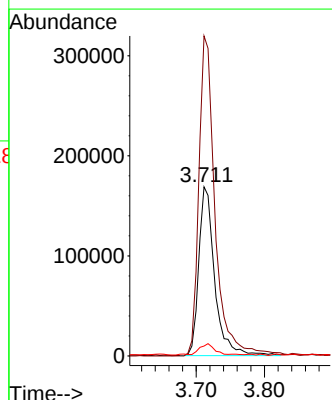
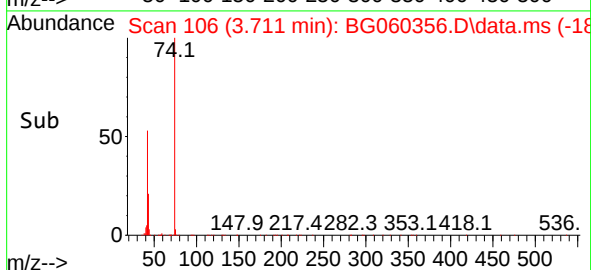
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#4
n-Nitrosodimethylamine
Concen: 40.017 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.011 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



Tgt Ion: 42 Resp: 274063
Ion Ratio Lower Upper
42 100
74 189.2 145.1 217.7
44 5.9 5.2 7.8





#5
2-Fluorophenol
Concen: 111.414 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

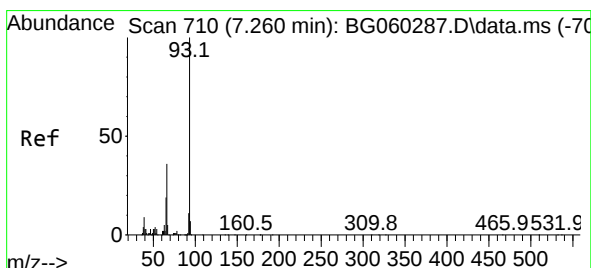
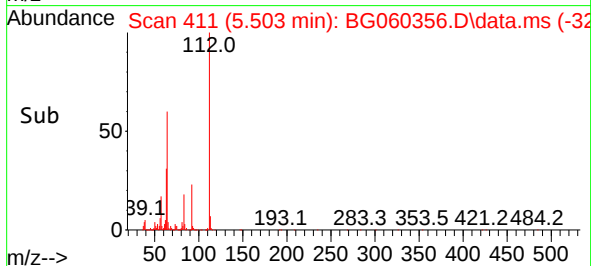
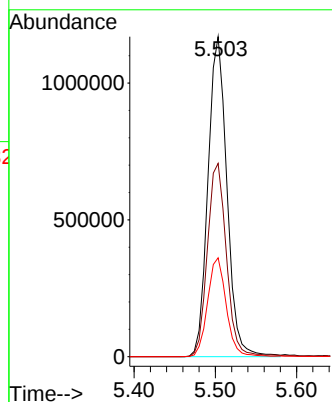
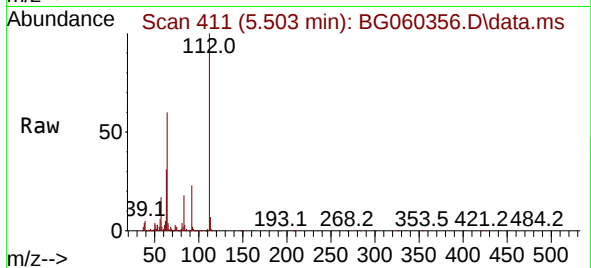
TP-011724MS

Tgt Ion:112 Resp: 189172
Ion Ratio Lower Upper
112 100
64 60.4 49.8 74.6
63 30.9 24.4 36.6

Manual Integrations

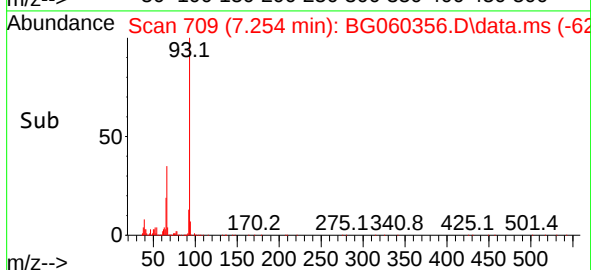
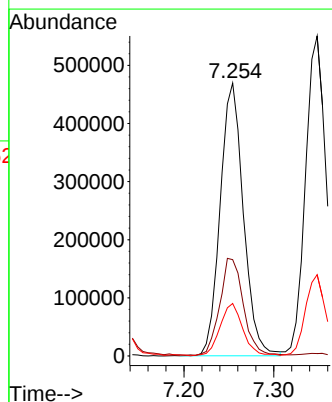
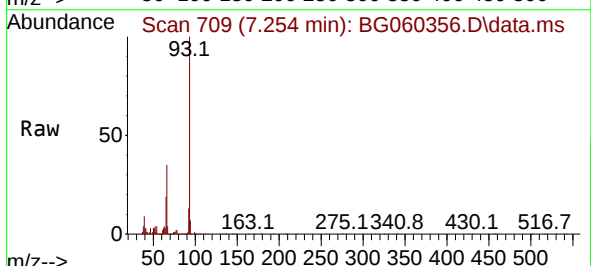
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Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#6
Aniline
Concen: 33.555 ng
RT: 7.254 min Scan# 709
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

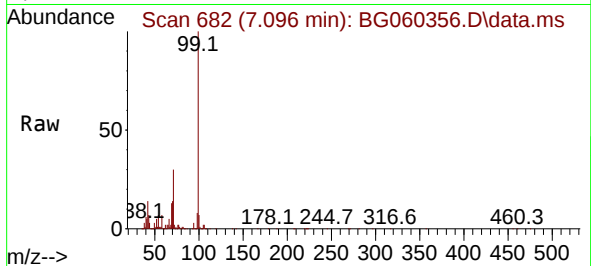
Tgt Ion: 93 Resp: 843260
Ion Ratio Lower Upper
93 100
66 35.3 29.0 43.4
65 19.2 15.1 22.7





#7
Phenol-d6
Concen: 109.385 ng
RT: 7.096 min Scan# 682
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

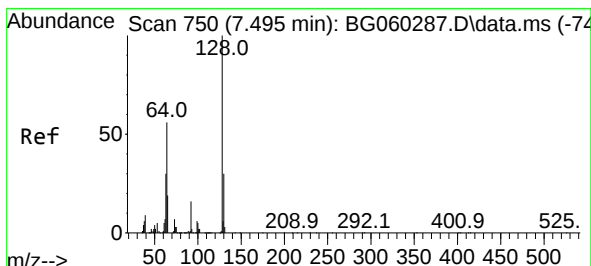
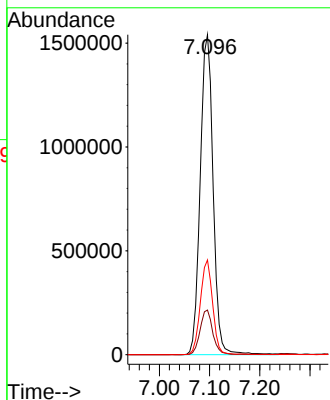
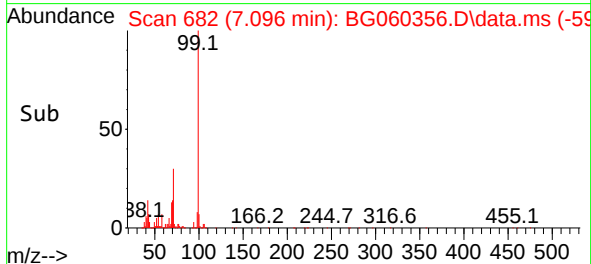
Instrument :
BNA_G
ClientSampleId :
TP-011724MS



Tgt Ion: 99 Resp: 2750180
Ion Ratio Lower Upper
99 100
42 14.0 10.9 16.3
71 29.6 21.5 32.3

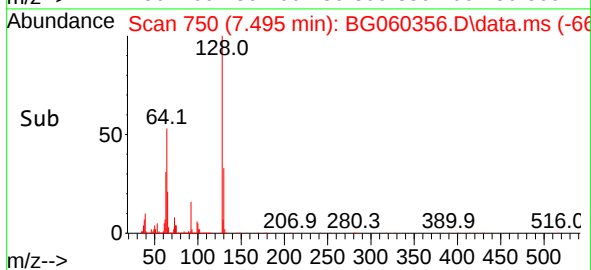
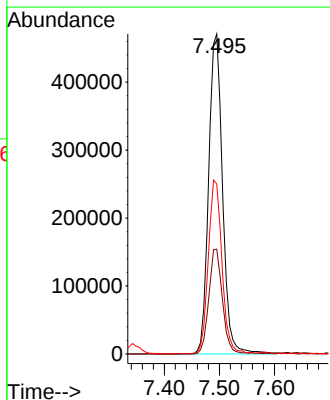
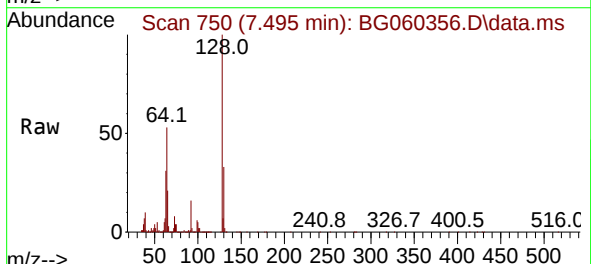
Manual Integrations
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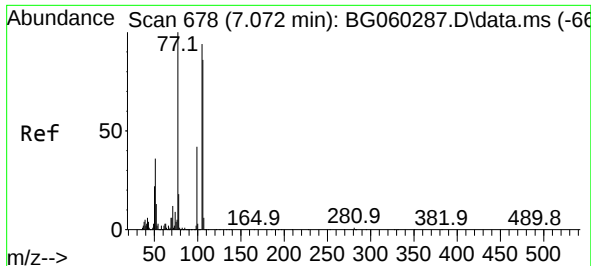
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#8
2-Chlorophenol
Concen: 49.129 ng
RT: 7.495 min Scan# 750
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:128 Resp: 826710
Ion Ratio Lower Upper
128 100
130 32.8 9.9 49.9
64 53.1 37.8 77.8





#9
Benzaldehyde
Concen: 53.991 ng
RT: 7.066 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

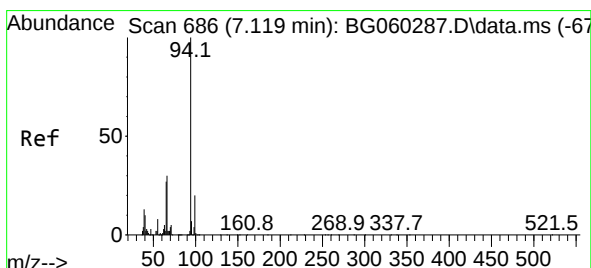
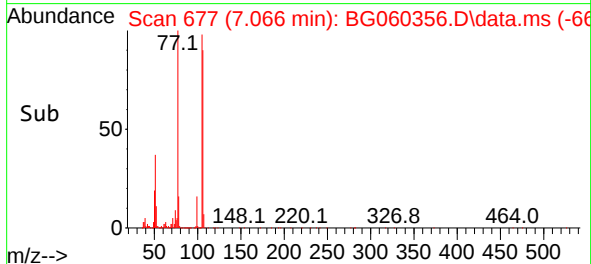
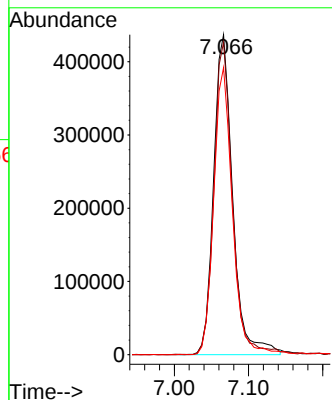
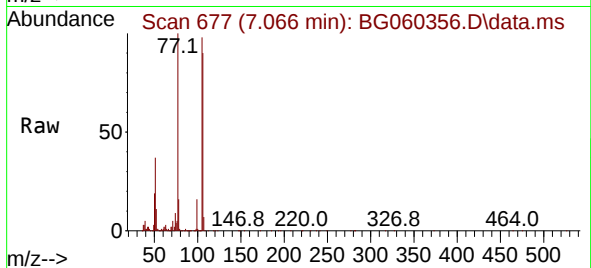
ClientSampleId :

TP-011724MS

Tgt Ion: 77 Resp: 77918
Ion Ratio Lower Upper
77 100
105 97.6 73.6 113.6
106 89.7 66.2 106.2

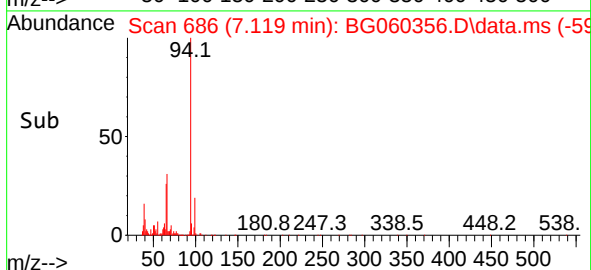
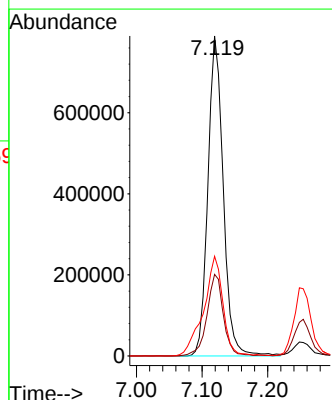
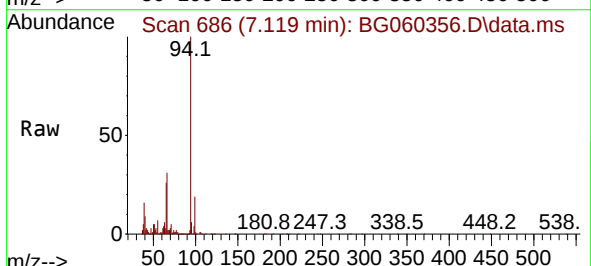
Manual Integrations
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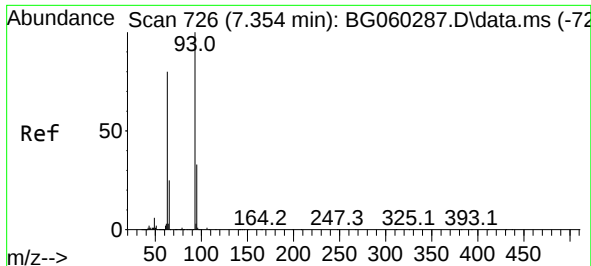
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#10
Phenol
Concen: 51.045 ng
RT: 7.119 min Scan# 686
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion: 94 Resp: 1286754
Ion Ratio Lower Upper
94 100
65 25.5 6.7 46.7
66 31.1 10.6 50.6





#11
bis(2-Chloroethyl)ether
Concen: 43.733 ng
RT: 7.348 min Scan# 726
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

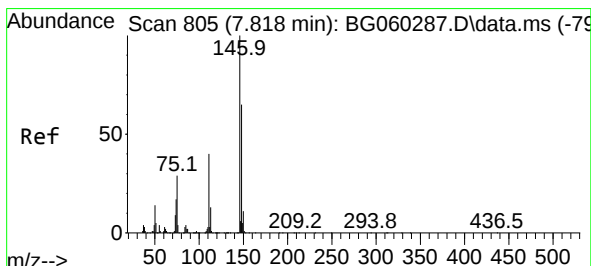
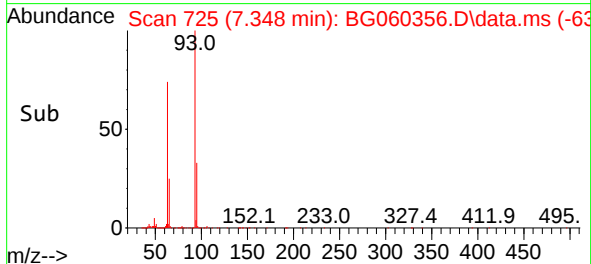
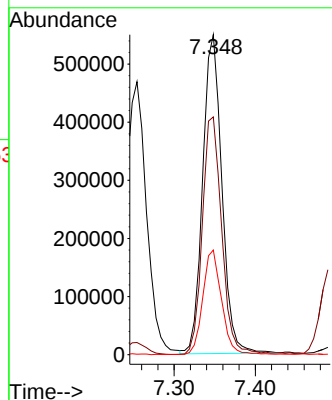
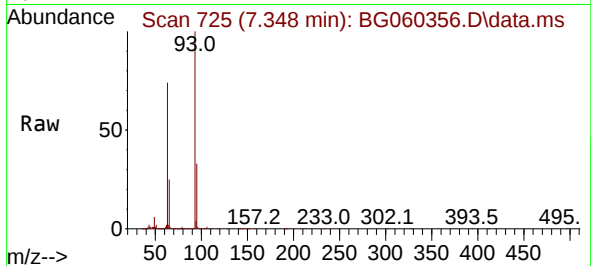
ClientSampleId :

TP-011724MS

Tgt Ion: 93 Resp: 898330
Ion Ratio Lower Upper
93 100
63 74.3 59.3 99.3
95 32.7 12.8 52.8

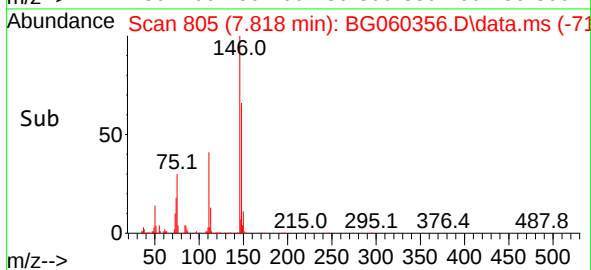
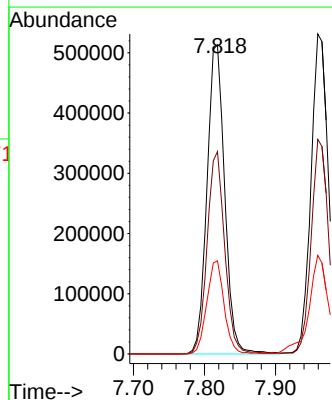
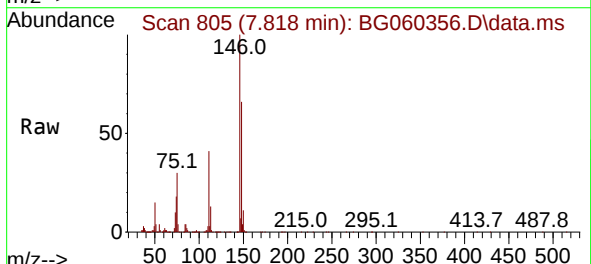
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#12
1,3-Dichlorobenzene
Concen: 42.100 ng
RT: 7.818 min Scan# 805
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:146 Resp: 889198
Ion Ratio Lower Upper
146 100
148 65.5 52.3 78.5
75 30.1 22.9 34.3





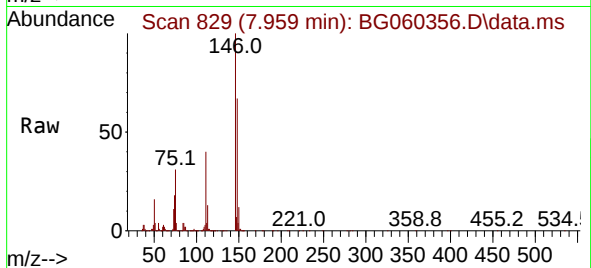
#13
1,4-Dichlorobenzene
Concen: 42.737 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

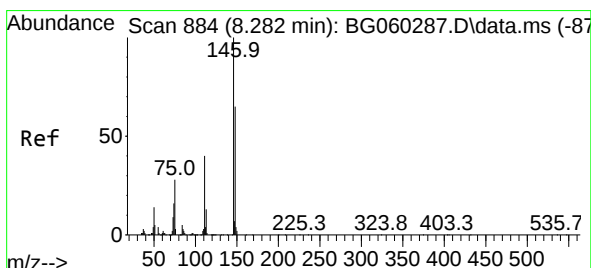
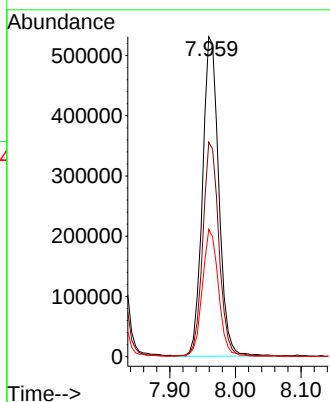
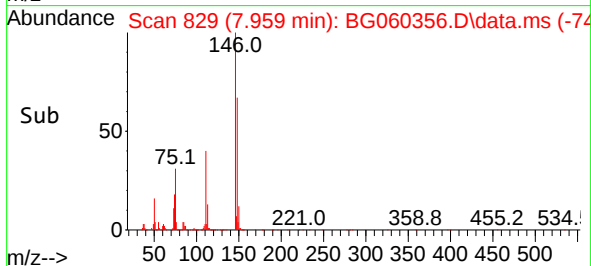


Tgt Ion:146 Resp: 91585
Ion Ratio Lower Upper
146 100
148 67.1 52.7 79.1
111 39.7 31.4 47.0

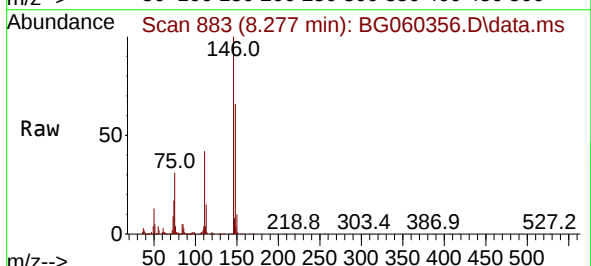
Manual Integrations

APPROVED

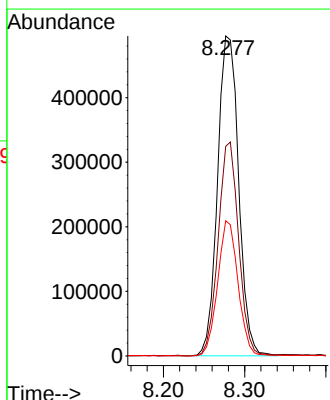
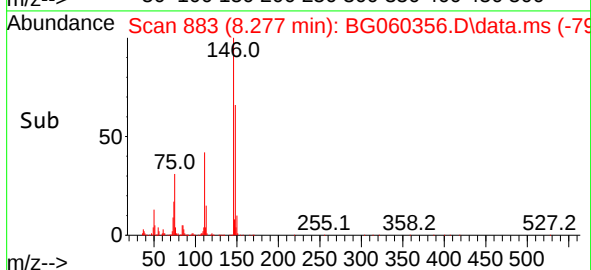
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

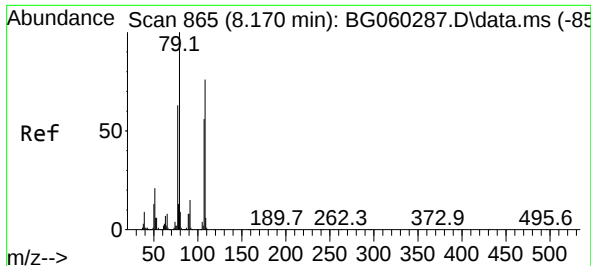


#14
1,2-Dichlorobenzene
Concen: 40.568 ng
RT: 8.277 min Scan# 883
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



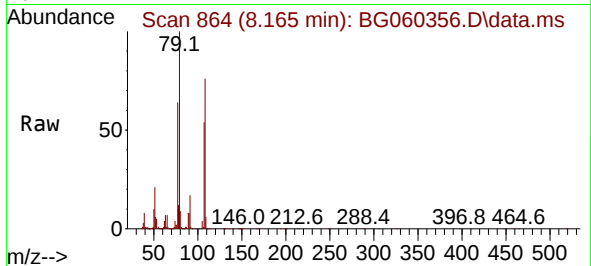
Tgt Ion:146 Resp: 893954
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
111 42.3 32.6 48.8





#15
Benzyl Alcohol
Concen: 49.076 ng m
RT: 8.165 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

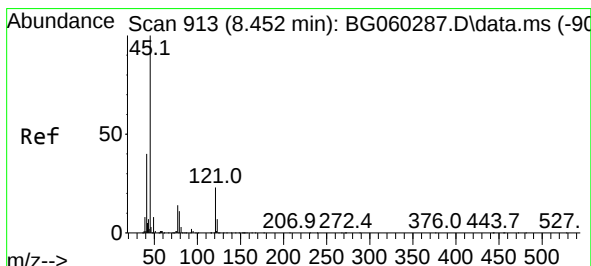
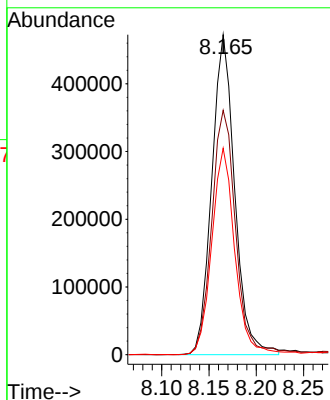
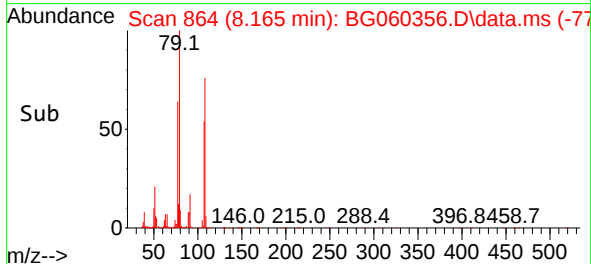
Instrument :
BNA_G
ClientSampleId :
TP-011724MS



Tgt Ion: 79 Resp: 79872
Ion Ratio Lower Upper
79 100
108 76.4 61.2 91.8
77 64.5 50.3 75.5

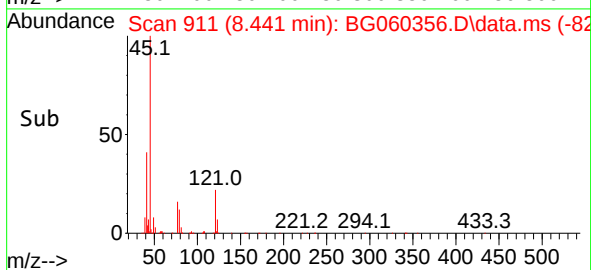
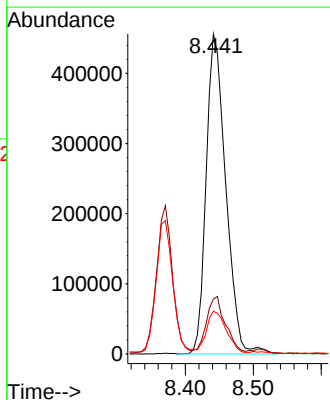
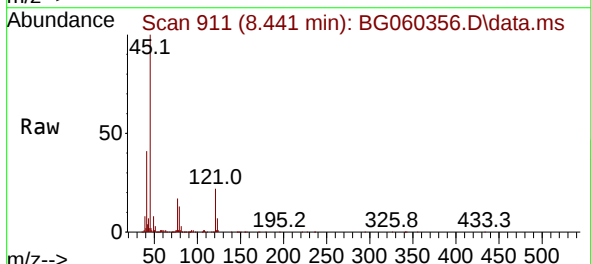
Manual Integrations
APPROVED

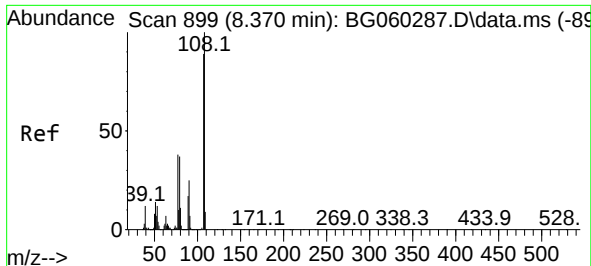
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.861 ng m
RT: 8.441 min Scan# 911
Delta R.T. -0.011 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion: 45 Resp: 919005
Ion Ratio Lower Upper
45 100
77 17.2 0.0 37.3
79 13.4 0.0 34.0





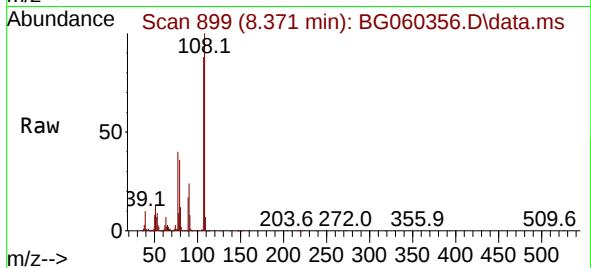
#17
2-Methylphenol
Concen: 45.330 ng
RT: 8.371 min Scan# 899
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

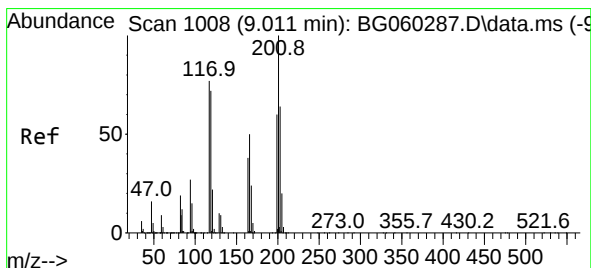
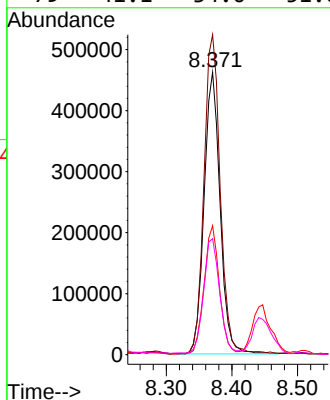
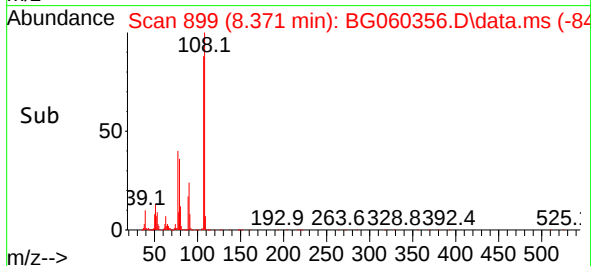


Tgt Ion:107 Resp: 78485
Ion Ratio Lower Upper
107 100
108 113.3 90.5 135.7
77 45.7 35.0 52.6
79 41.1 34.0 51.0

Manual Integrations

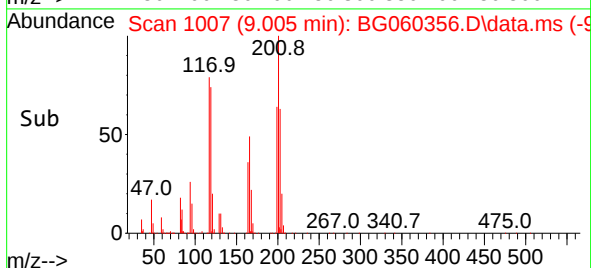
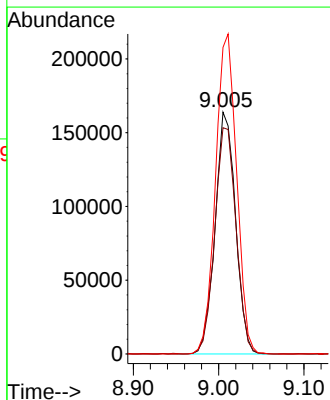
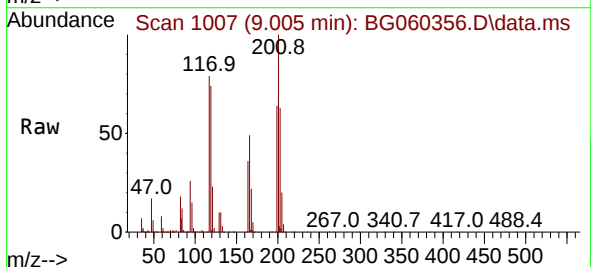
APPROVED

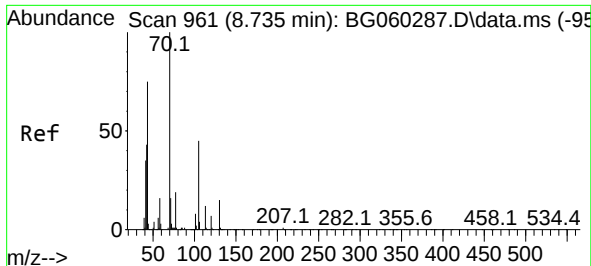
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#18
Hexachloroethane
Concen: 36.330 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:117 Resp: 272970
Ion Ratio Lower Upper
117 100
119 93.6 74.5 111.7
201 126.8 106.3 159.5





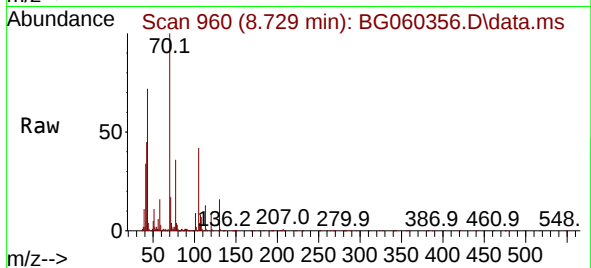
#19
n-Nitroso-di-n-propylamine
Concen: 37.049 ng
RT: 8.729 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

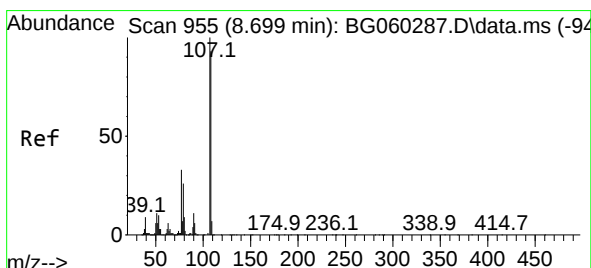
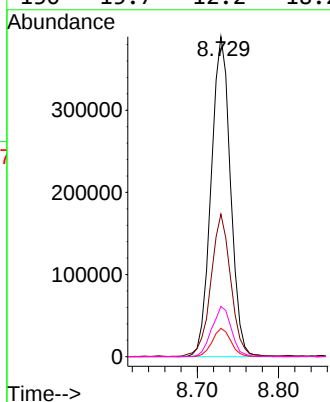
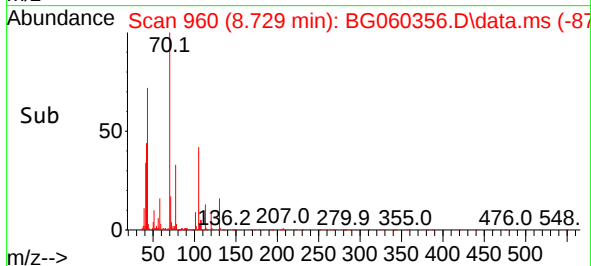
TP-011724MS



Tgt Ion: 70 Resp: 644684
Ion Ratio Lower Upper
70 100
42 44.5 34.3 51.5
101 8.9 6.2 9.2
130 15.7 12.2 18.2

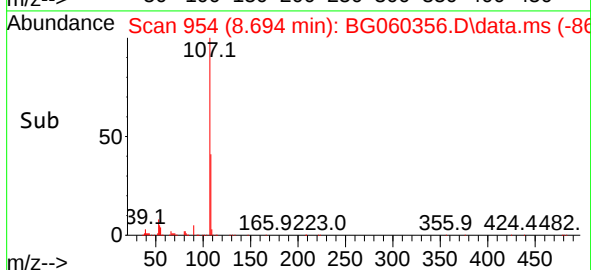
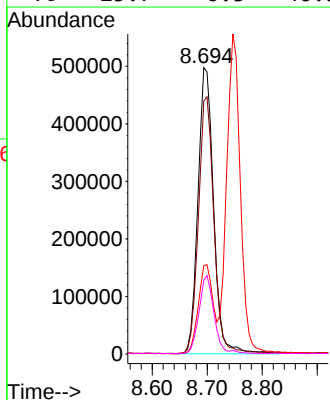
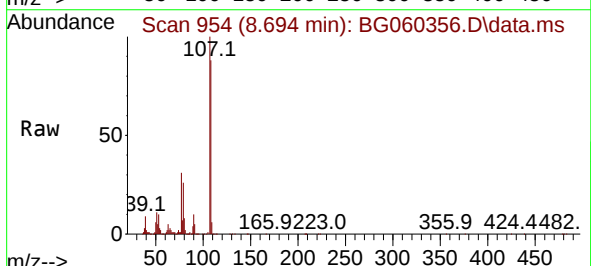
Manual Integrations
APPROVED

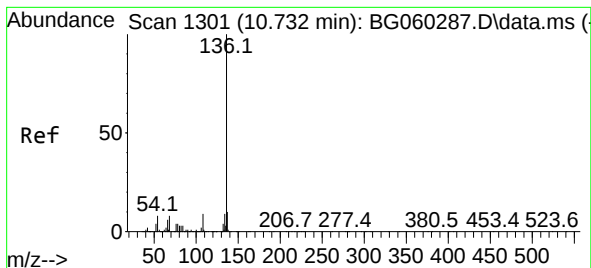
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#20
3+4-Methylphenols
Concen: 42.206 ng
RT: 8.694 min Scan# 954
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:107 Resp: 985279
Ion Ratio Lower Upper
107 100
108 88.4 72.5 112.5
77 30.9 13.0 53.0
79 25.7 6.3 46.3





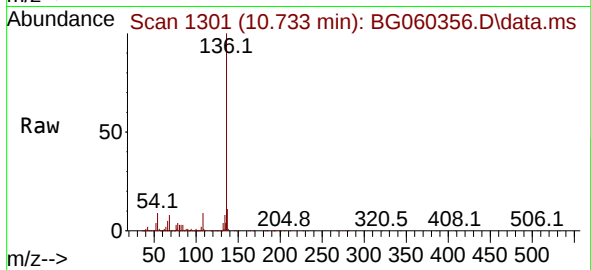
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

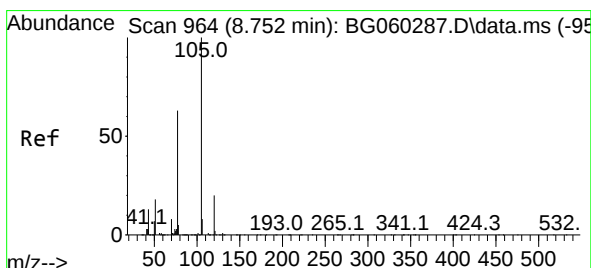
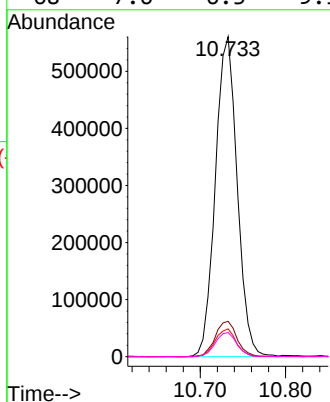
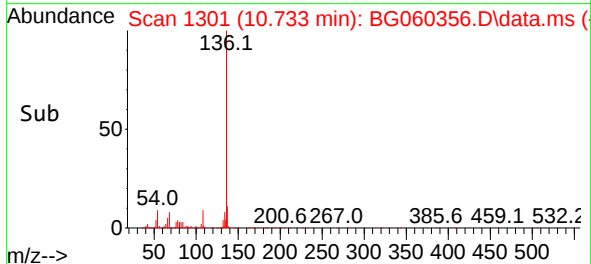


Tgt Ion:136 Resp: 998149
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.7 6.2 9.2
68 7.6 6.3 9.5

Manual Integrations

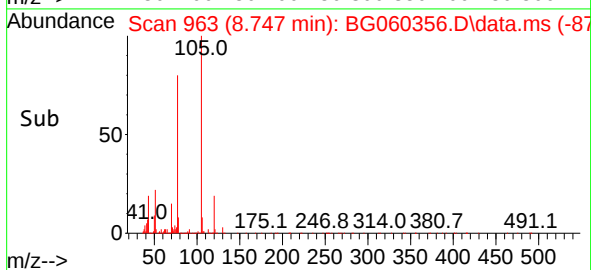
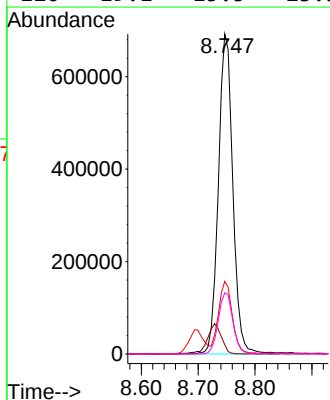
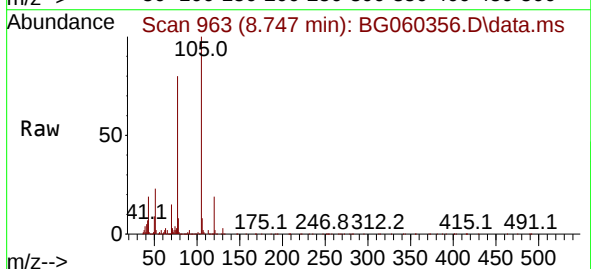
APPROVED

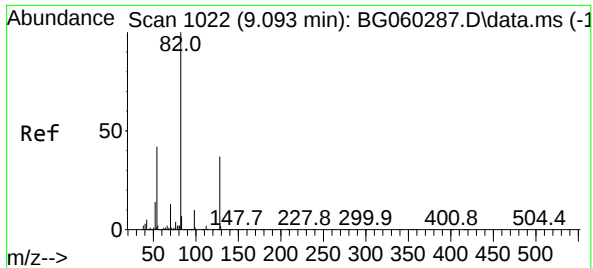
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#22
Acetophenone
Concen: 44.797 ng
RT: 8.747 min Scan# 963
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:105 Resp: 1229111
Ion Ratio Lower Upper
105 100
71 2.9 1.7 2.5#
51 22.7 18.2 27.2
120 19.1 15.5 23.3





#23
Nitrobenzene-d5
Concen: 69.126 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

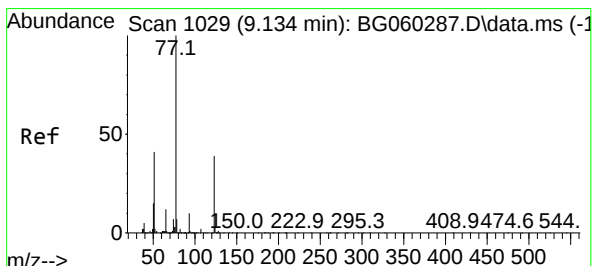
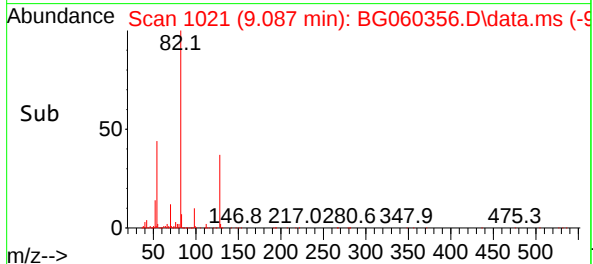
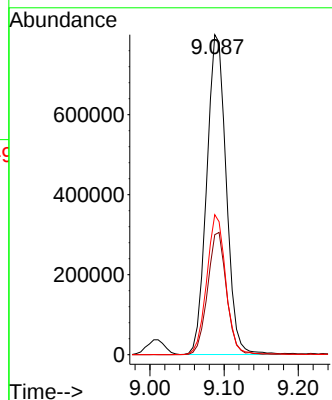
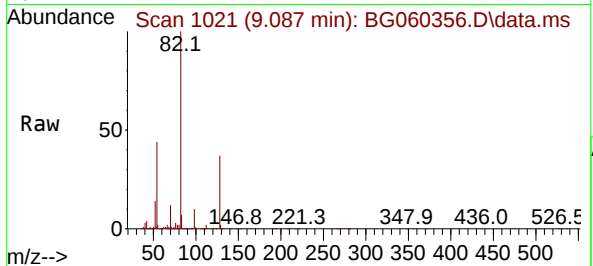
TP-011724MS

Tgt Ion: 82 Resp: 1461209
Ion Ratio Lower Upper
82 100
128 37.5 29.6 44.4
54 43.7 33.6 50.4

Manual Integrations

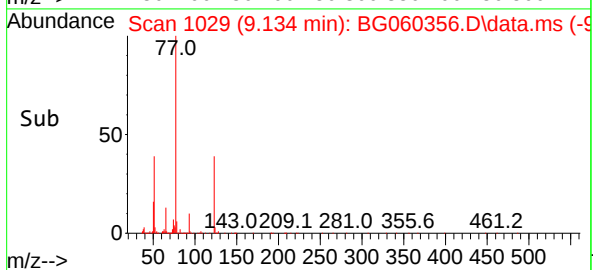
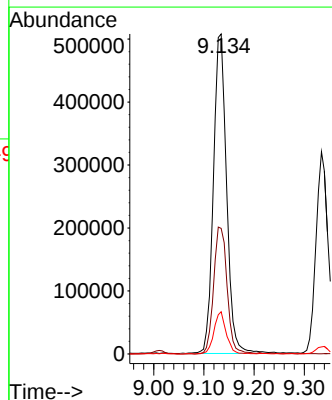
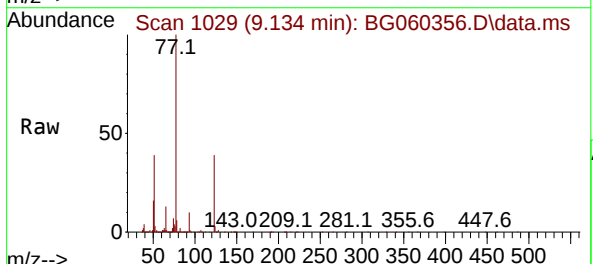
APPROVED

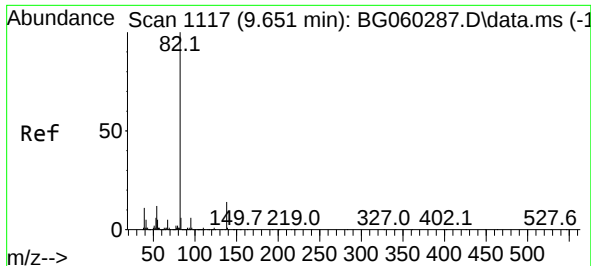
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#24
Nitrobenzene
Concen: 42.327 ng
RT: 9.134 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion: 77 Resp: 927500
Ion Ratio Lower Upper
77 100
123 39.3 31.4 47.0
65 13.2 9.6 14.4





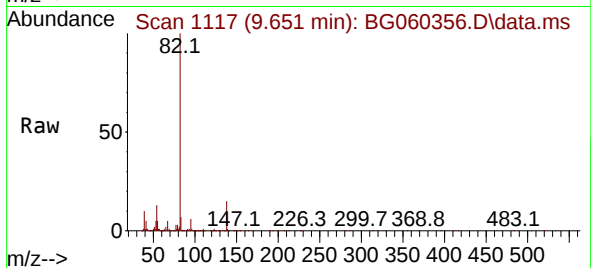
#25
Isophorone
Concen: 41.507 ng
RT: 9.651 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

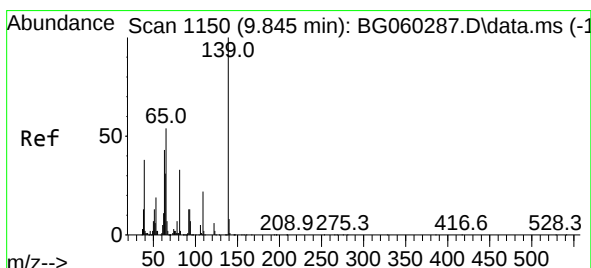
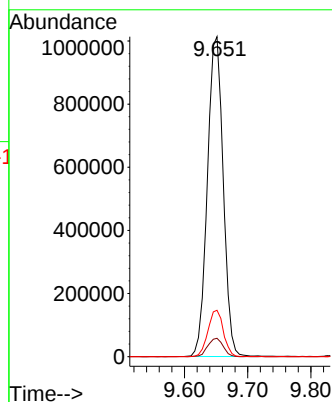
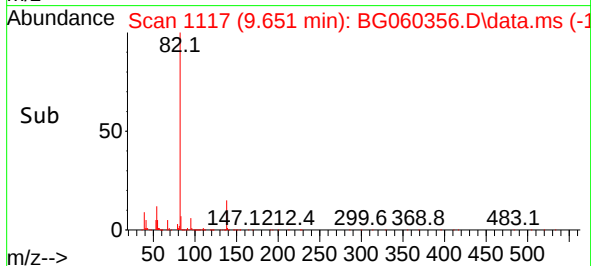


Tgt Ion: 82 Resp: 1762000
Ion Ratio Lower Upper
82 100
95 5.8 4.7 7.1
138 14.5 11.1 16.7

Manual Integrations

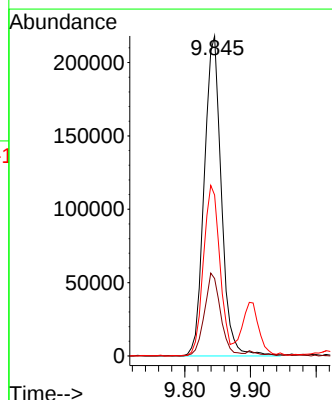
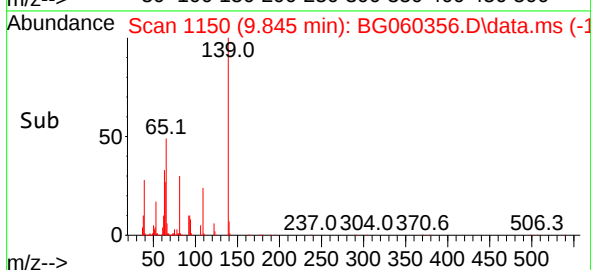
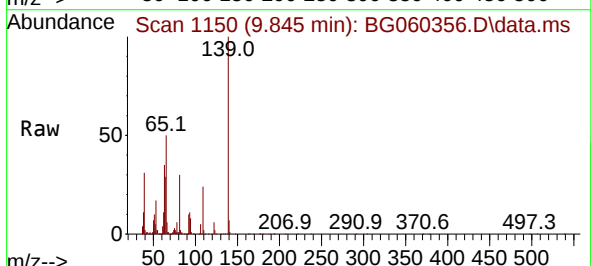
APPROVED

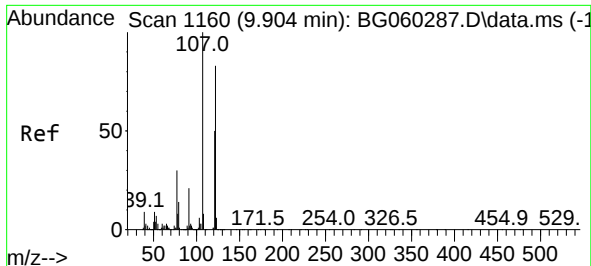
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#26
2-Nitrophenol
Concen: 49.080 ng
RT: 9.845 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:139 Resp: 395434
Ion Ratio Lower Upper
139 100
109 24.2 17.6 26.4
65 50.3 43.6 65.4





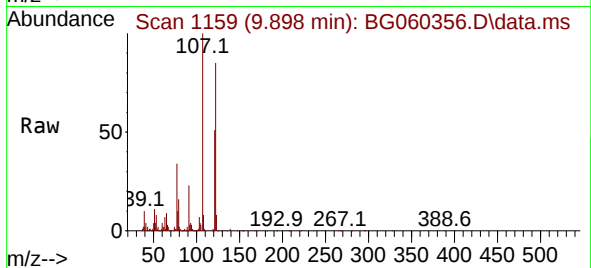
#27
2,4-Dimethylphenol
Concen: 55.540 ng
RT: 9.898 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

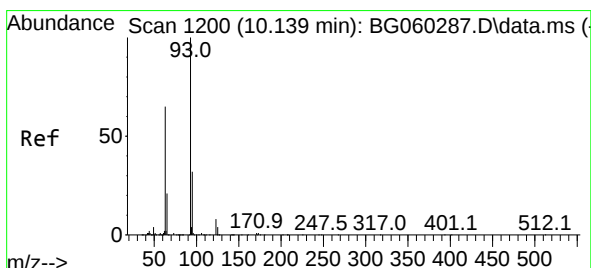
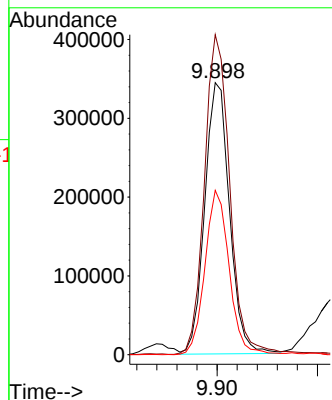
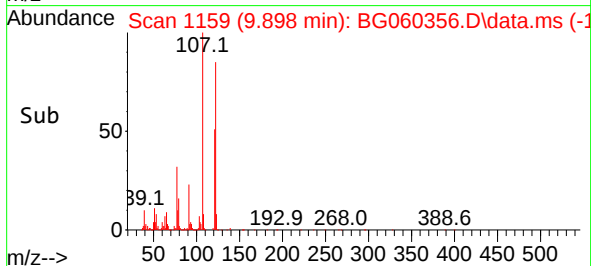


Tgt Ion:122 Resp: 591288
Ion Ratio Lower Upper
122 100
107 117.6 95.4 143.0
121 60.4 47.7 71.5

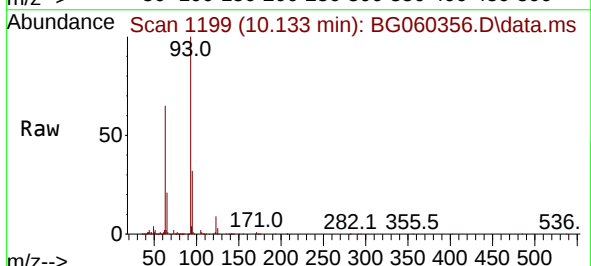
Manual Integrations

APPROVED

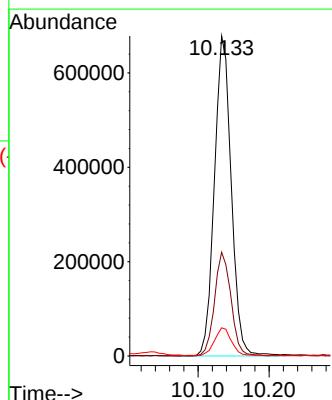
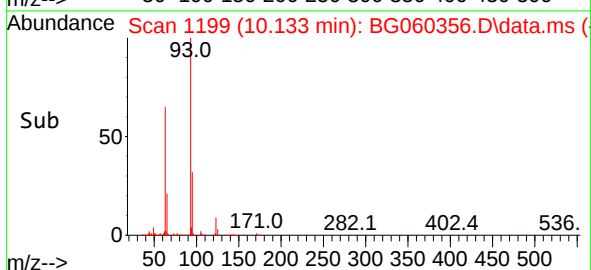
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

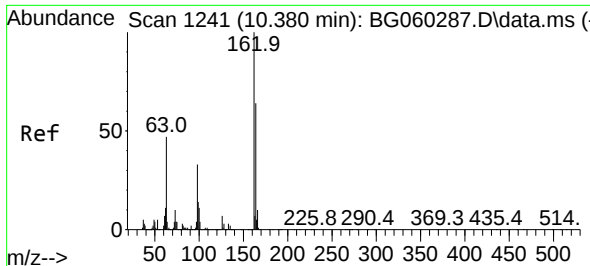


#28
bis(2-Chloroethoxy)methane
Concen: 42.974 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



Tgt Ion: 93 Resp: 1114641
Ion Ratio Lower Upper
93 100
95 32.4 25.4 38.0
123 8.8 6.7 10.1





#29
2,4-Dichlorophenol
Concen: 48.909 ng
RT: 10.374 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

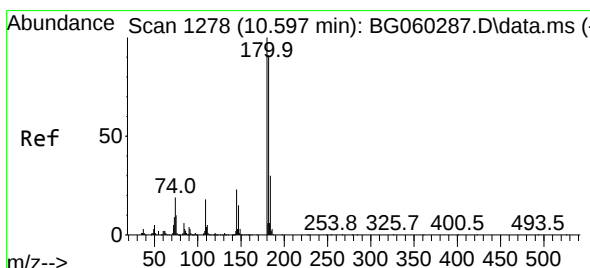
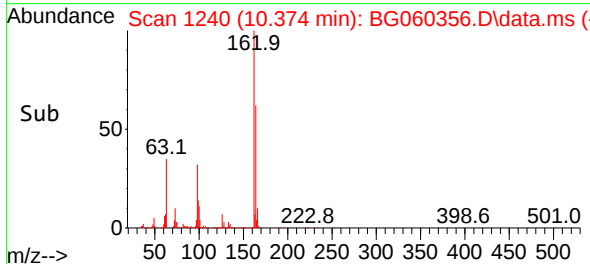
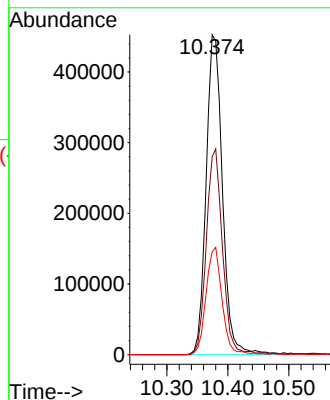
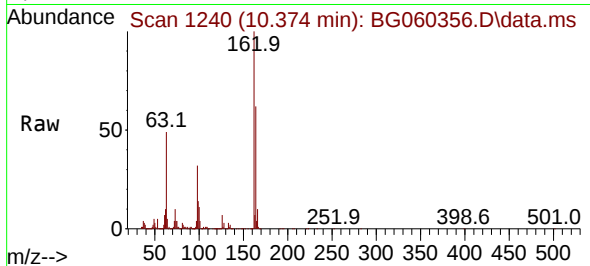
TP-011724MS

Tgt Ion:162 Resp: 843779
Ion Ratio Lower Upper
162 100
164 61.9 44.3 84.3
98 32.2 13.4 53.4

Manual Integrations

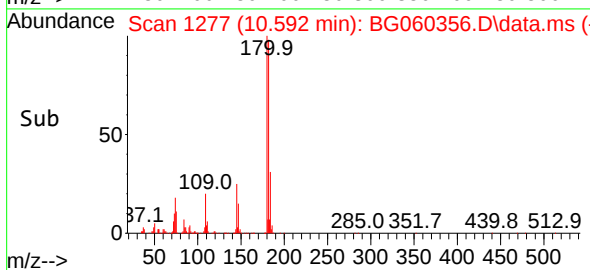
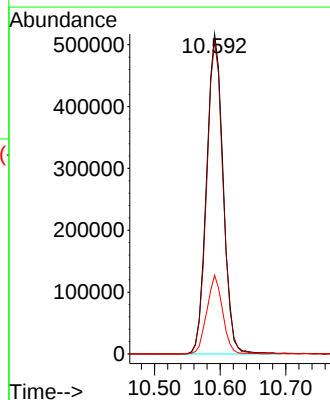
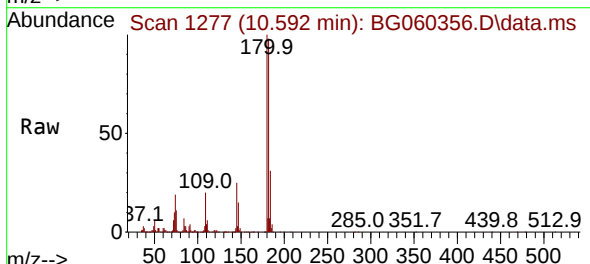
APPROVED

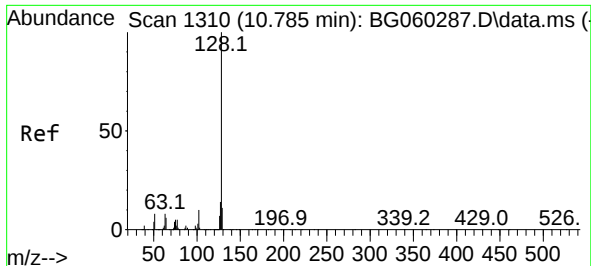
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.360 ng
RT: 10.592 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:180 Resp: 909171
Ion Ratio Lower Upper
180 100
182 97.8 72.7 109.1
145 24.6 18.2 27.2





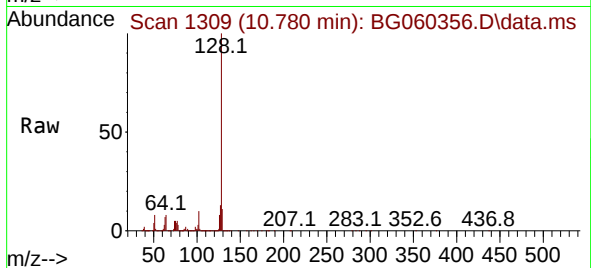
#31
Naphthalene
Concen: 42.413 ng
RT: 10.780 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

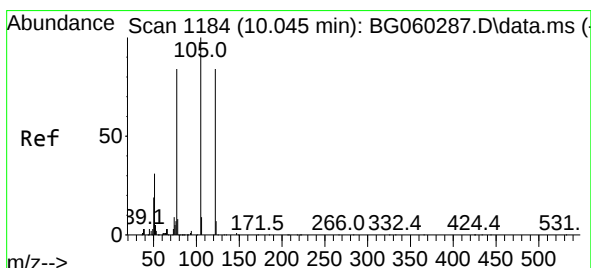
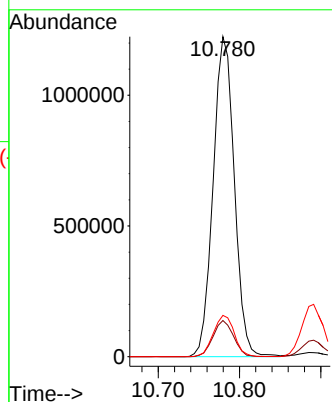
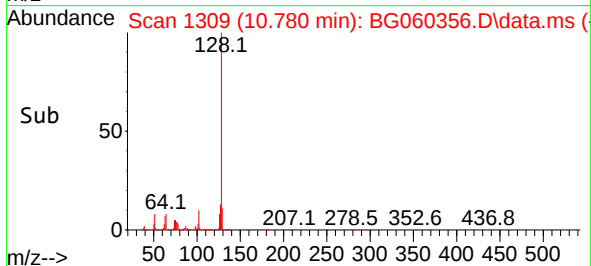


Tgt Ion:128 Resp: 221910
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.9 16.3

Manual Integrations

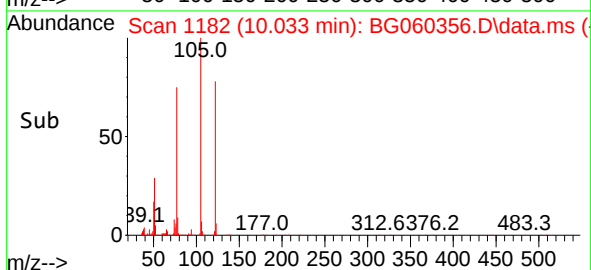
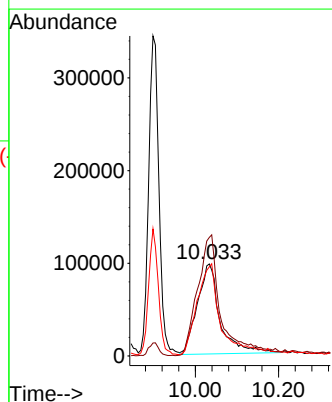
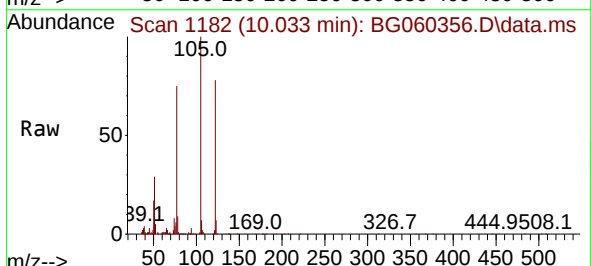
APPROVED

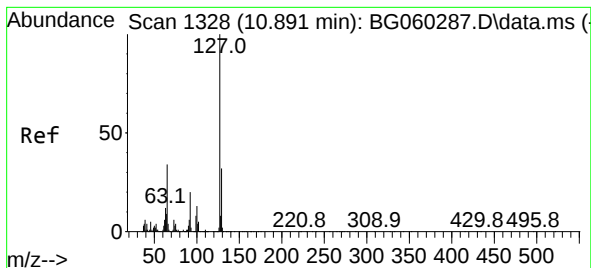
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#32
Benzoic acid
Concen: 41.095 ng
RT: 10.033 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:122 Resp: 368839
Ion Ratio Lower Upper
122 100
105 128.9 96.0 136.0
77 96.9 80.1 120.1





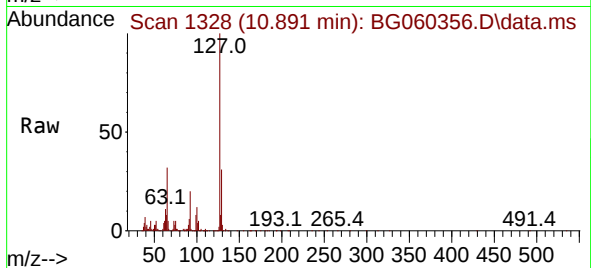
#33
4-Chloroaniline
Concen: 19.065 ng
RT: 10.891 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

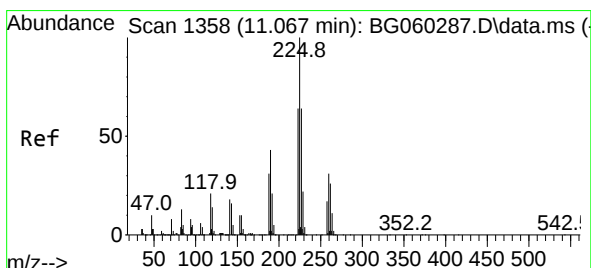
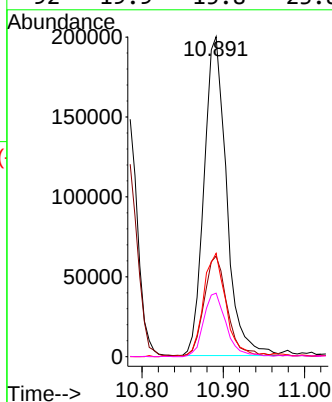
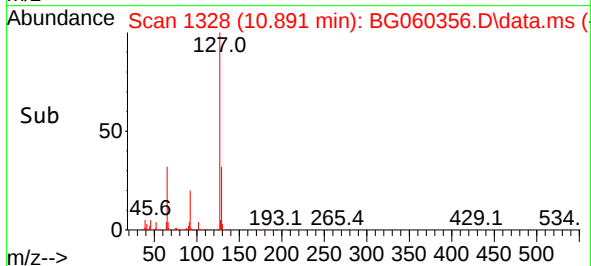


Tgt Ion:127 Resp: 384349
Ion Ratio Lower Upper
127 100
129 31.4 25.5 38.3
65 32.3 27.5 41.3
92 19.9 15.8 23.8

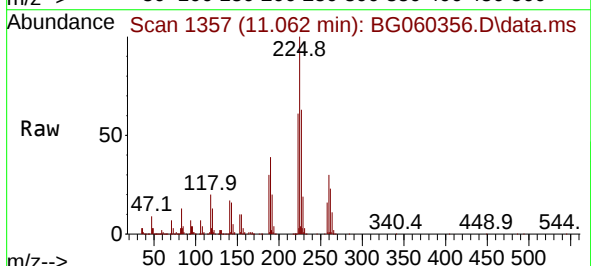
Manual Integrations

APPROVED

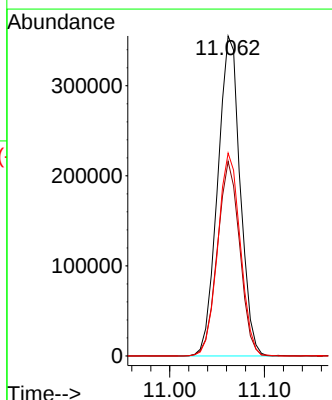
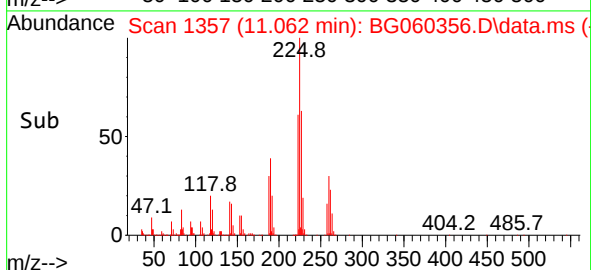
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

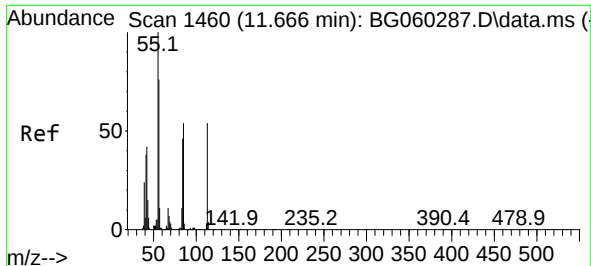


#34
Hexachlorobutadiene
Concen: 41.943 ng
RT: 11.062 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



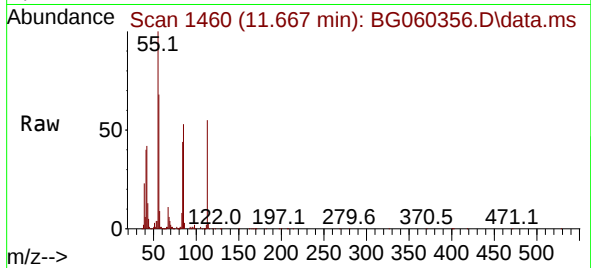
Tgt Ion:225 Resp: 586433
Ion Ratio Lower Upper
225 100
223 60.8 48.7 73.1
227 63.4 48.7 73.1





#35
Caprolactam
Concen: 46.072 ng
RT: 11.667 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

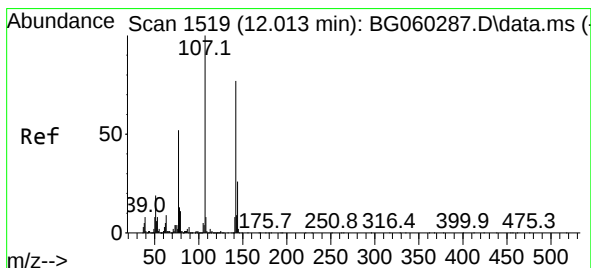
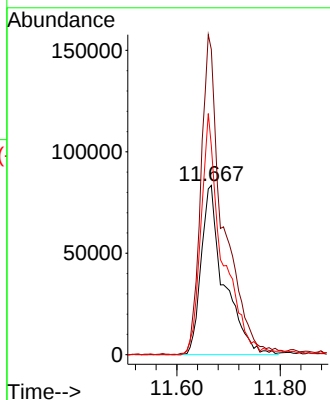
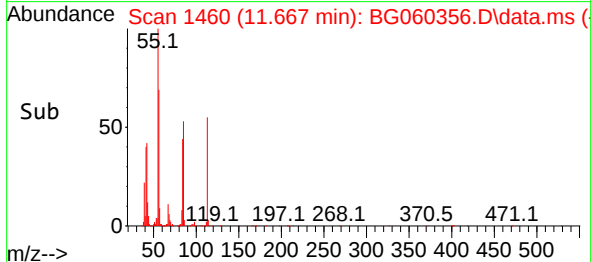
Instrument :
BNA_G
ClientSampleId :
TP-011724MS



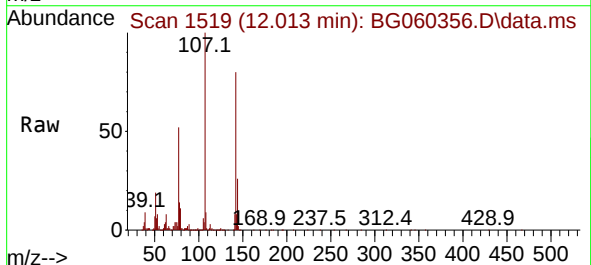
Tgt Ion:113 Resp: 256004
Ion Ratio Lower Upper
113 100
55 180.4 166.4 206.4
56 123.5 121.0 161.0

Manual Integrations
APPROVED

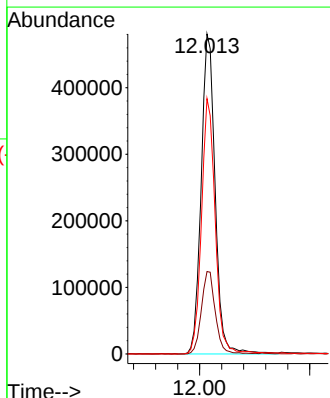
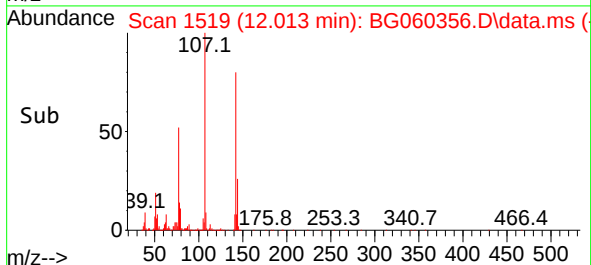
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

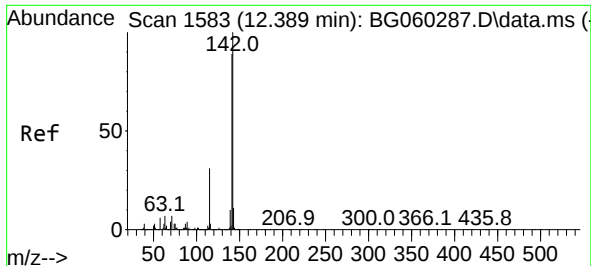


#36
4-Chloro-3-methylphenol
Concen: 48.354 ng
RT: 12.013 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



Tgt Ion:107 Resp: 847458
Ion Ratio Lower Upper
107 100
144 25.8 20.6 31.0
142 79.8 61.5 92.3





#37
2-Methylnaphthalene
Concen: 42.433 ng
RT: 12.389 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

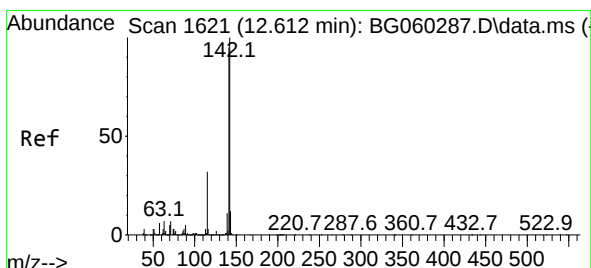
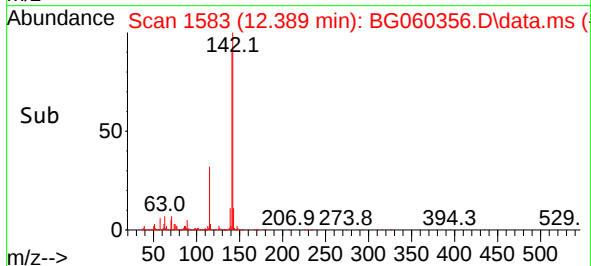
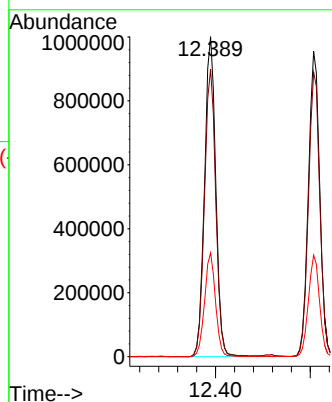
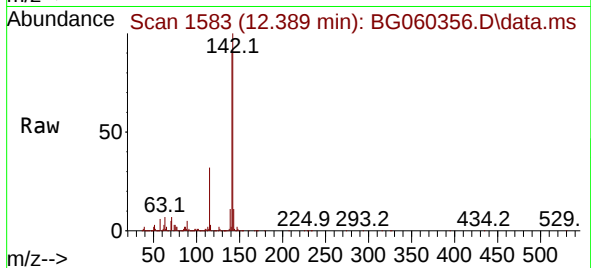
TP-011724MS

Tgt Ion:142 Resp: 164663
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.4
115 32.5 24.7 37.1

Manual Integrations

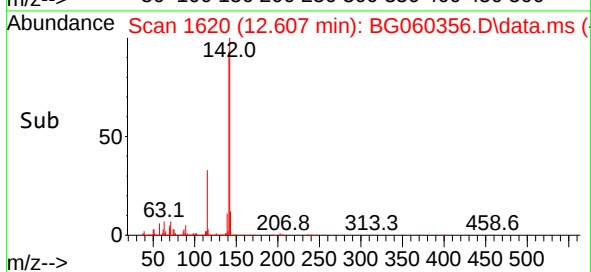
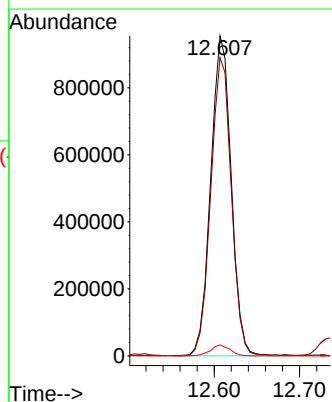
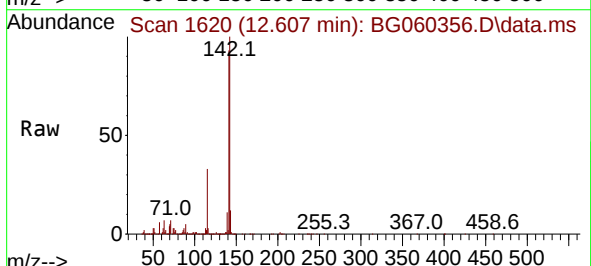
APPROVED

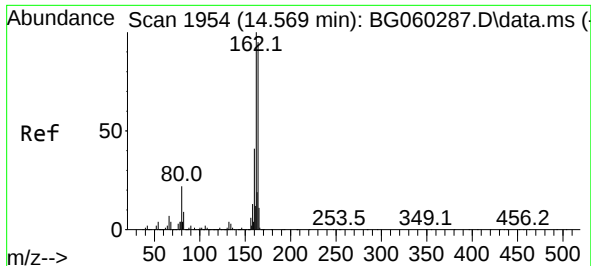
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#38
1-Methylnaphthalene
Concen: 40.729 ng
RT: 12.607 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:142 Resp: 1587070
Ion Ratio Lower Upper
142 100
141 93.2 76.2 114.2
116 3.4 2.6 3.8





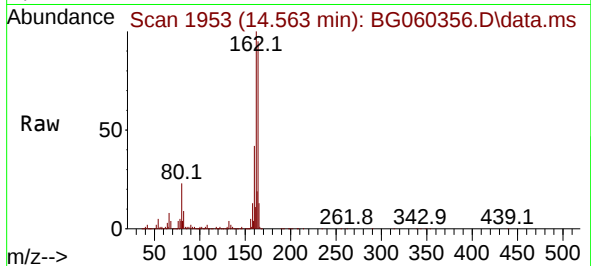
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

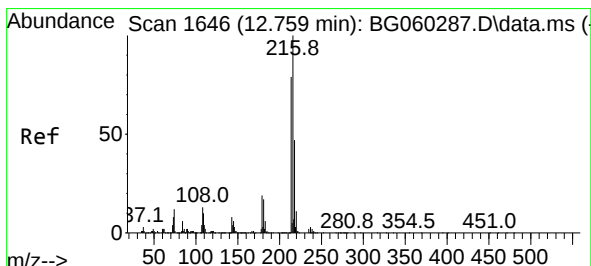
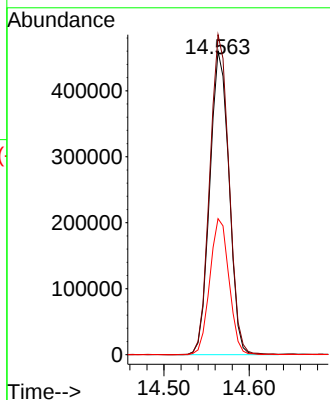
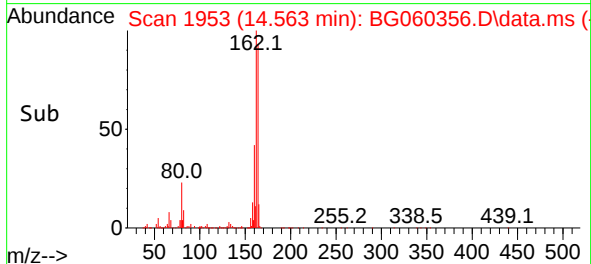


Tgt Ion:164 Resp: 720200
Ion Ratio Lower Upper
164 100
162 105.4 84.4 126.6
160 44.8 34.6 52.0

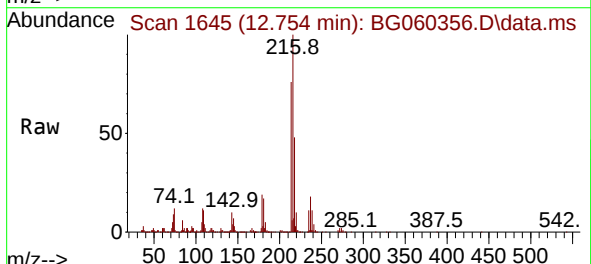
Manual Integrations

APPROVED

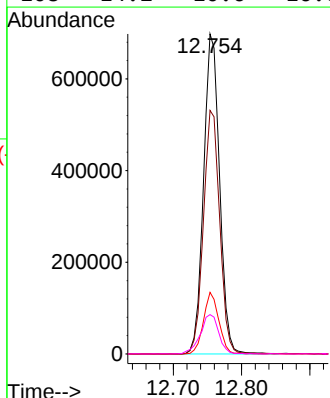
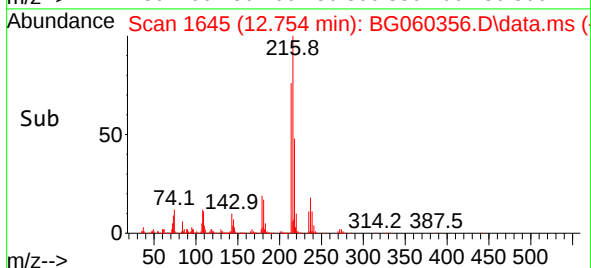
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

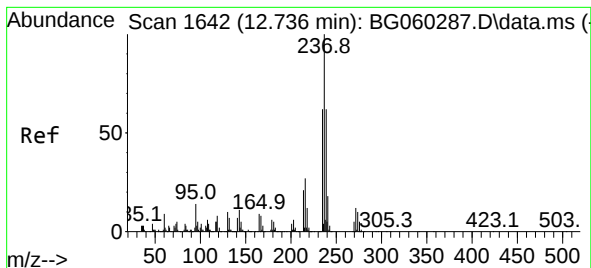


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.530 ng
RT: 12.754 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



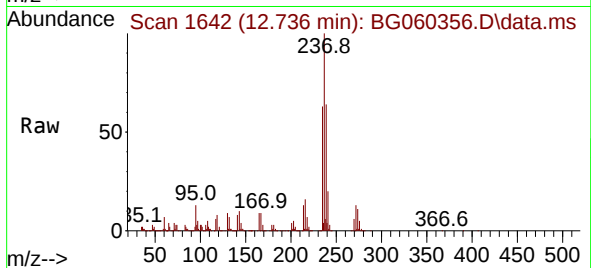
Tgt Ion:216 Resp: 1139003
Ion Ratio Lower Upper
216 100
214 77.4 62.6 93.8
179 18.5 14.8 22.2
108 14.2 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 125.597 ng
RT: 12.736 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

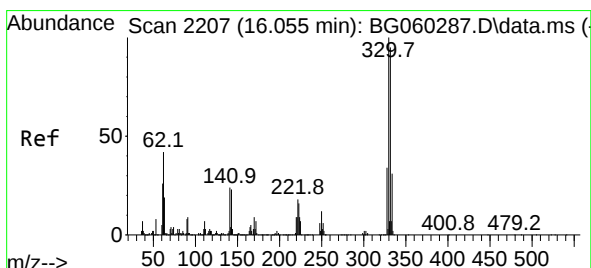
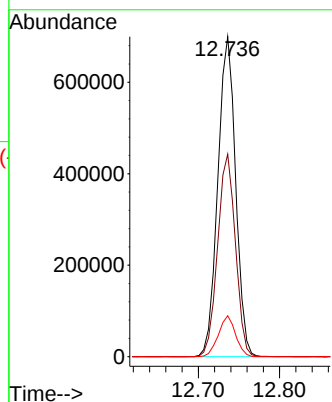
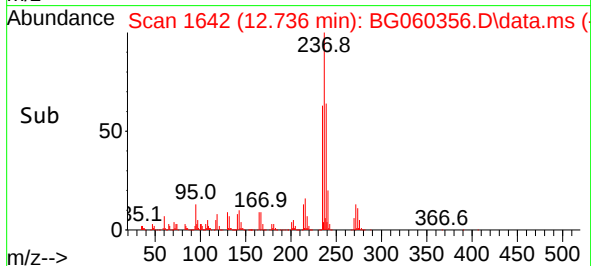
Instrument :
BNA_G
ClientSampleId :
TP-011724MS



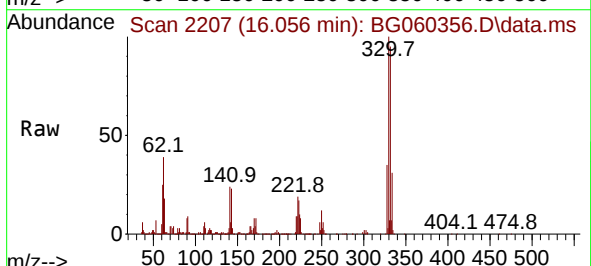
Tgt Ion:237 Resp: 1066588
Ion Ratio Lower Upper
237 100
235 63.3 41.6 81.6
272 12.8 0.0 31.8

Manual Integrations
APPROVED

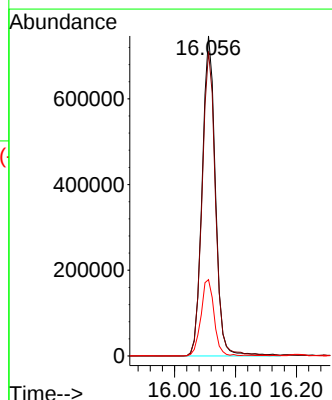
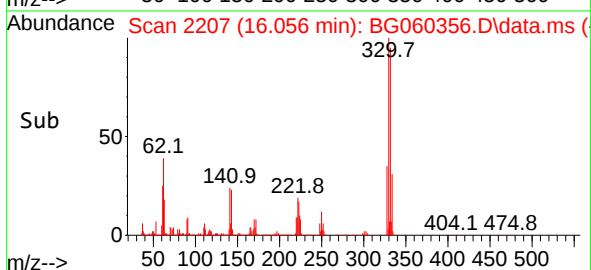
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

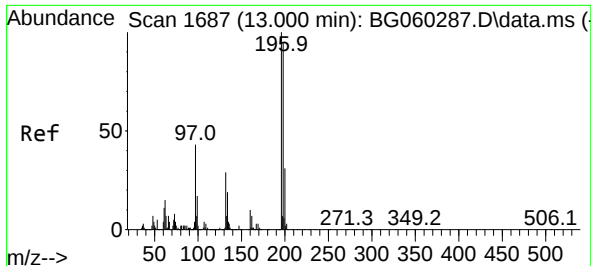


#42
2,4,6-Tribromophenol
Concen: 106.241 ng
RT: 16.056 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



Tgt Ion:330 Resp: 1125760
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 23.7 18.6 28.0





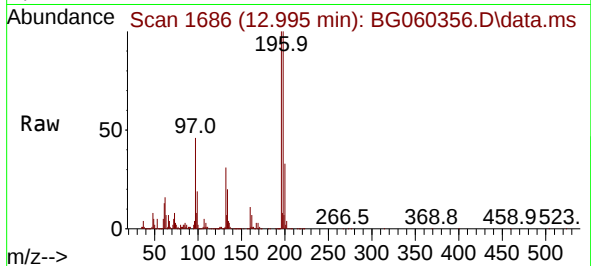
#43
2,4,6-Trichlorophenol
Concen: 47.192 ng
RT: 12.995 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

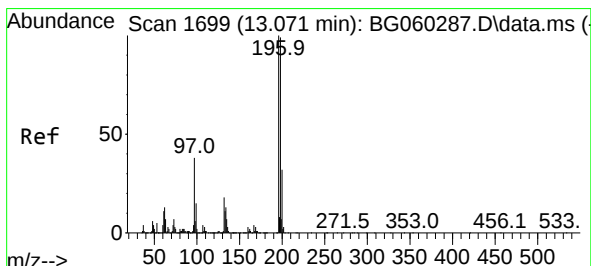
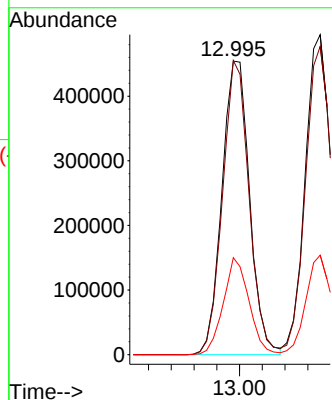
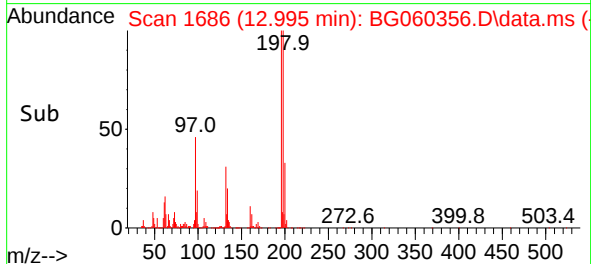


Tgt Ion:196 Resp: 768192
Ion Ratio Lower Upper
196 100
198 100.2 75.7 113.5
200 33.0 24.7 37.1

Manual Integrations

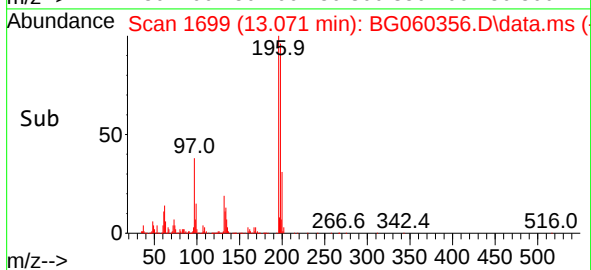
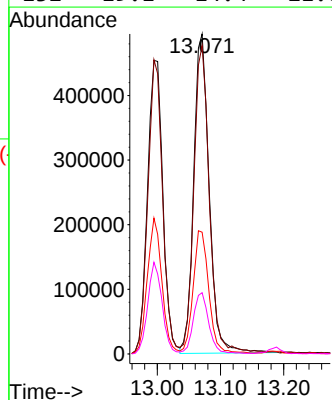
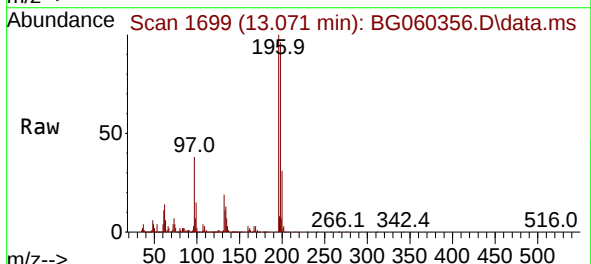
APPROVED

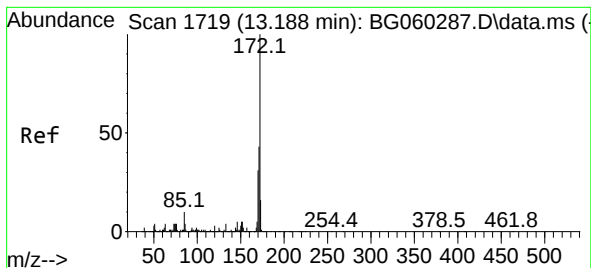
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#44
2,4,5-Trichlorophenol
Concen: 46.919 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:196 Resp: 842394
Ion Ratio Lower Upper
196 100
198 96.3 78.6 118.0
97 38.0 30.6 46.0
132 19.1 14.4 21.6





#45
2-Fluorobiphenyl
Concen: 68.091 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

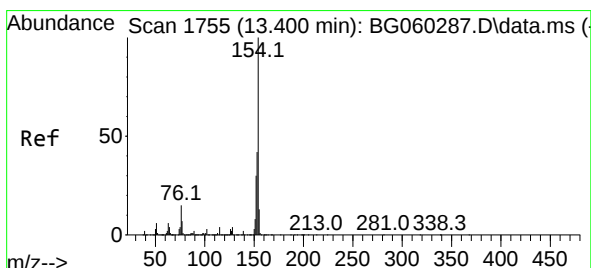
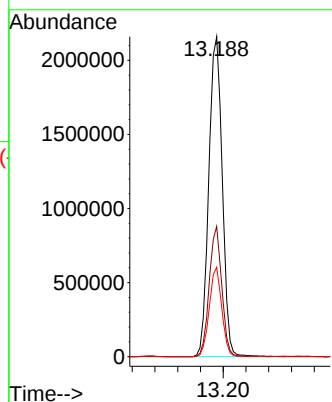
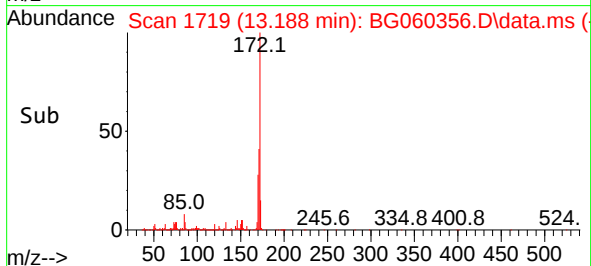
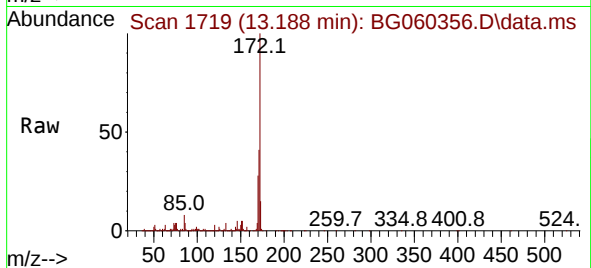
TP-011724MS

Tgt Ion:172 Resp: 352720
Ion Ratio Lower Upper
172 100
171 40.7 34.6 51.8
170 27.9 24.4 36.6

Manual Integrations

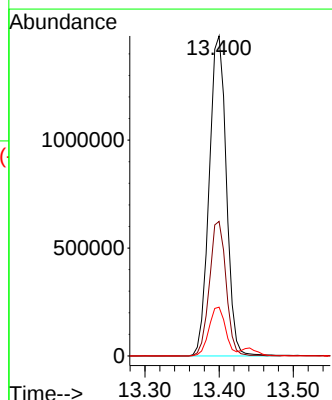
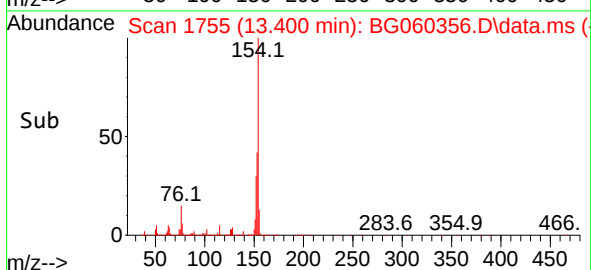
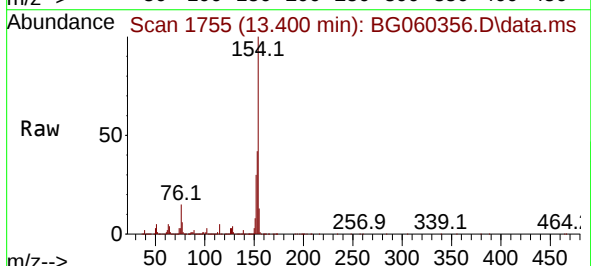
APPROVED

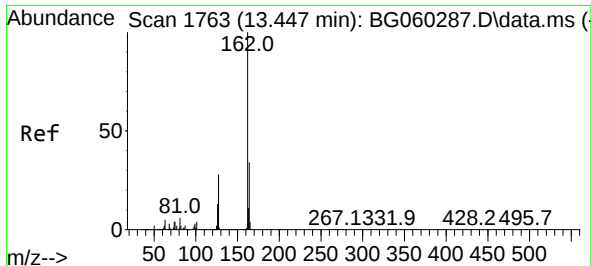
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#46
1,1'-Biphenyl
Concen: 43.843 ng
RT: 13.400 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:154 Resp: 2383447
Ion Ratio Lower Upper
154 100
153 42.1 22.0 62.0
76 15.2 0.0 35.2





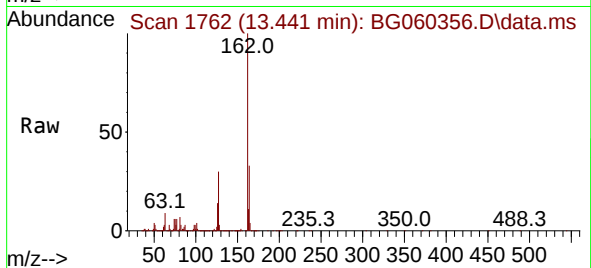
#47
2-Chloronaphthalene
Concen: 43.004 ng
RT: 13.441 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNL_G

ClientSampleId :

TP-011724MS

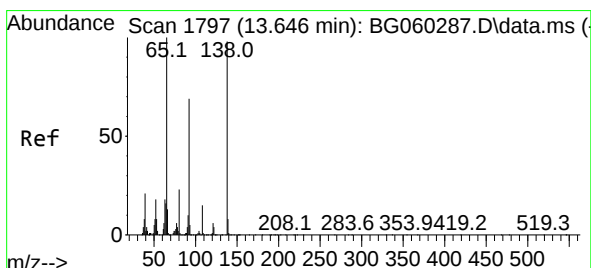
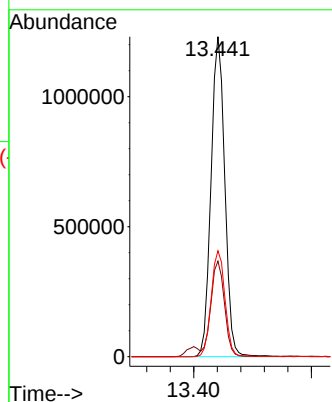
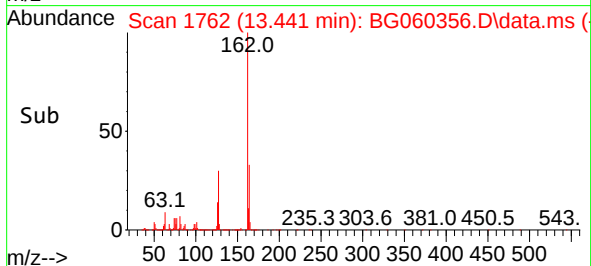


Tgt Ion:162 Resp: 2002830
Ion Ratio Lower Upper
162 100
127 29.9 23.5 35.3
164 33.1 26.9 40.3

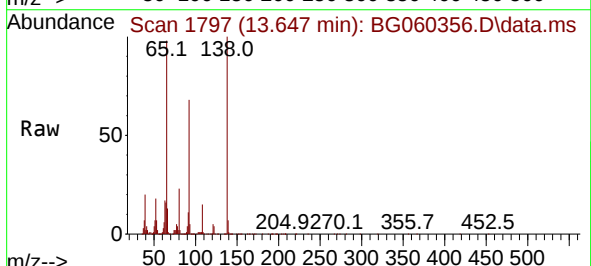
Manual Integrations

APPROVED

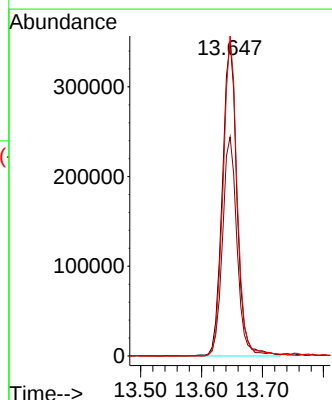
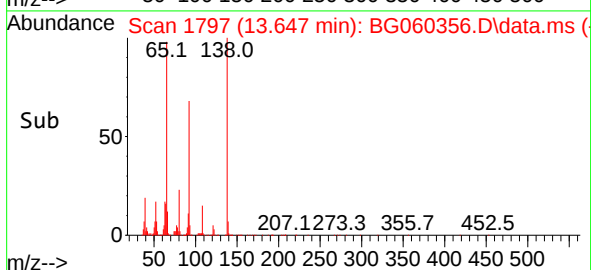
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

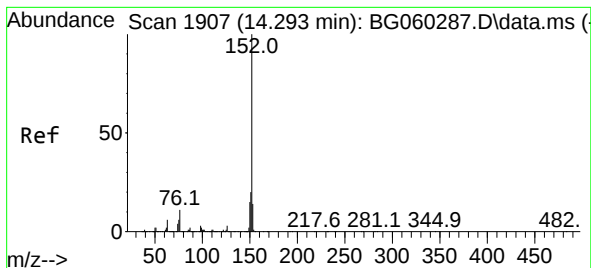


#48
2-Nitroaniline
Concen: 50.353 ng
RT: 13.647 min Scan# 1797
Delta R.T. 0.001 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



Tgt Ion: 65 Resp: 584016
Ion Ratio Lower Upper
65 100
92 69.6 55.0 82.6
138 101.7 78.1 117.1





#49

Acenaphthylene

Concen: 47.792 ng

RT: 14.287 min Scan# 1907

Delta R.T. -0.006 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

Tgt Ion:152 Resp: 306507

Ion Ratio Lower Upper

152 100

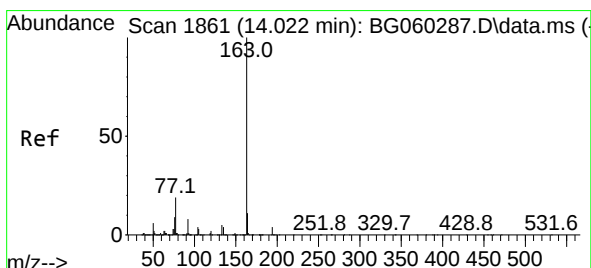
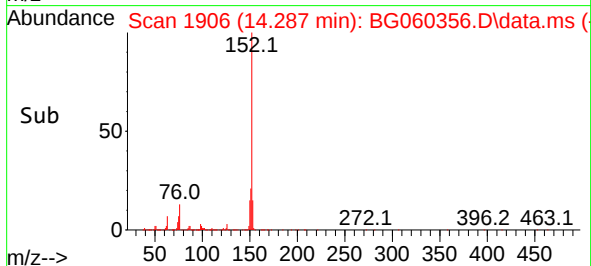
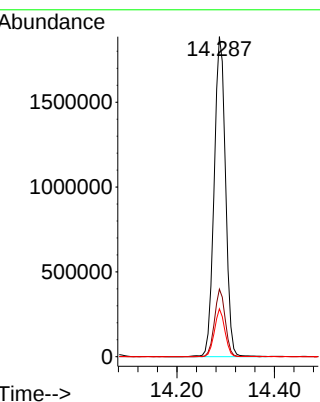
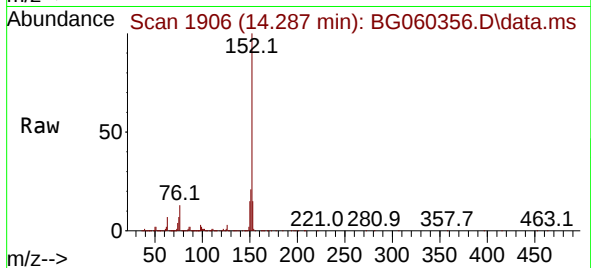
151 21.1 16.1 24.1

153 15.0 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#50

Dimethylphthalate

Concen: 43.236 ng

RT: 14.017 min Scan# 1860

Delta R.T. -0.006 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

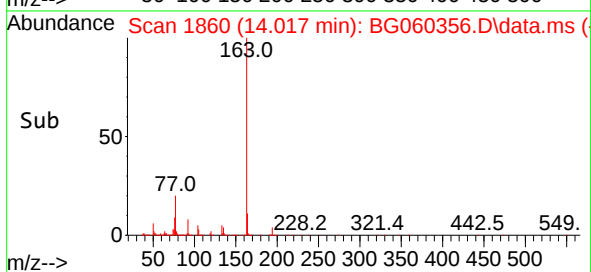
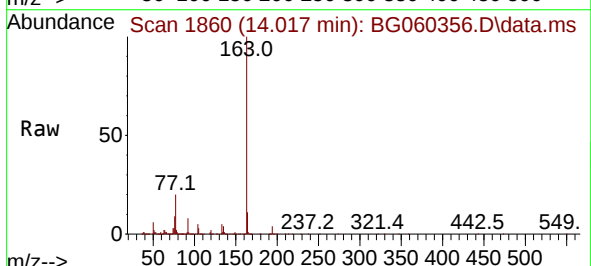
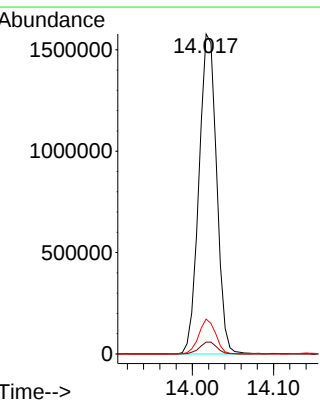
Tgt Ion:163 Resp: 2379547

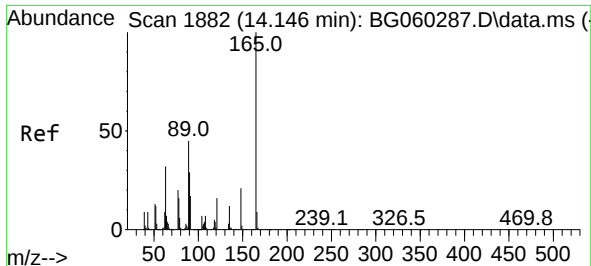
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.9 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 46.366 ng
RT: 14.140 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

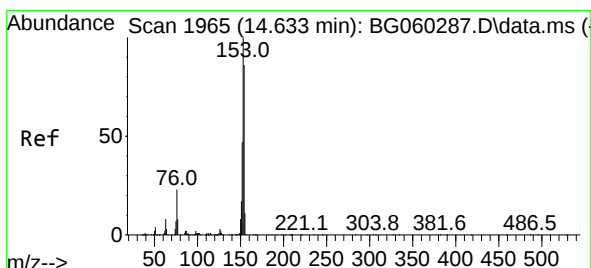
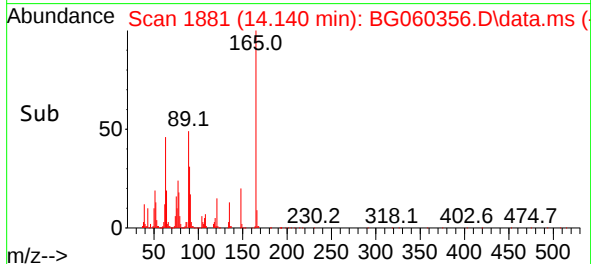
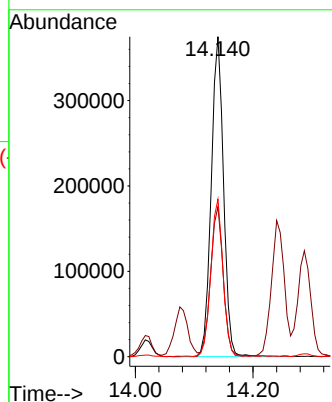
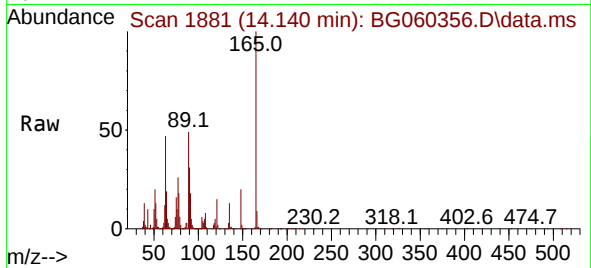
ClientSampleId :

TP-011724MS

Tgt Ion:165 Resp: 54451
Ion Ratio Lower Upper
165 100
63 46.9 35.0 52.4
89 49.2 36.2 54.2

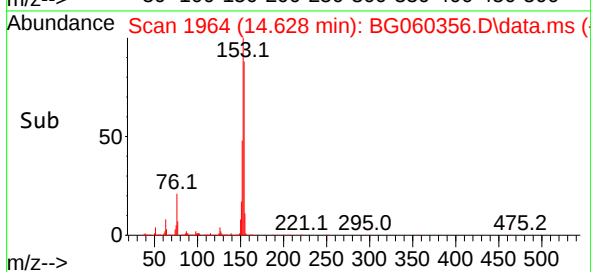
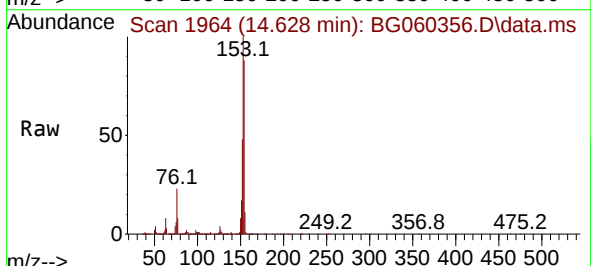
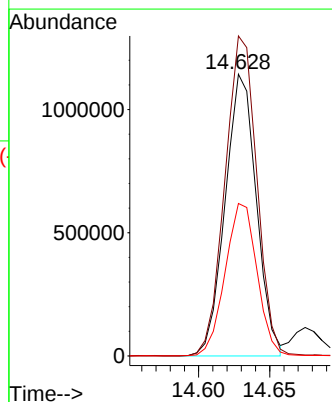
Manual Integrations
APPROVED

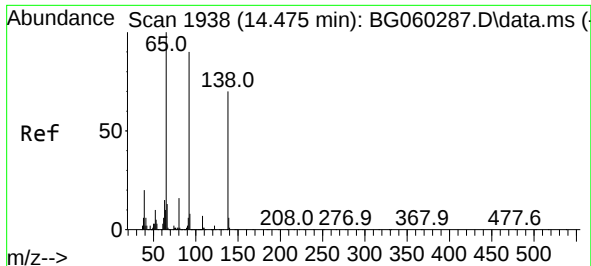
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#52
Acenaphthene
Concen: 43.838 ng
RT: 14.628 min Scan# 1964
Delta R.T. -0.005 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

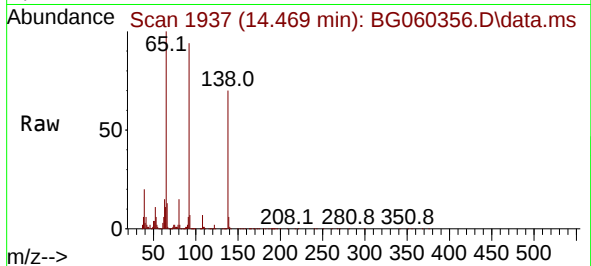
Tgt Ion:154 Resp: 1750642
Ion Ratio Lower Upper
154 100
153 113.6 92.6 138.8
152 54.1 43.8 65.8





#53
3-Nitroaniline
Concen: 32.369 ng
RT: 14.469 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

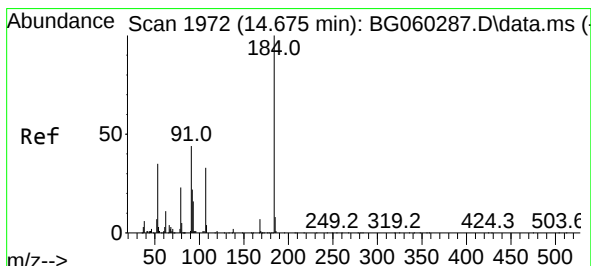
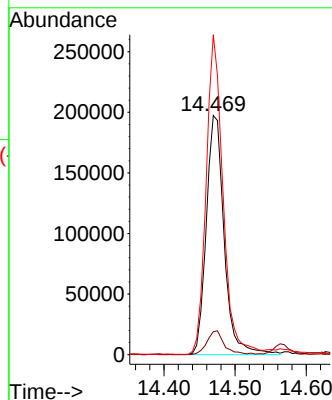
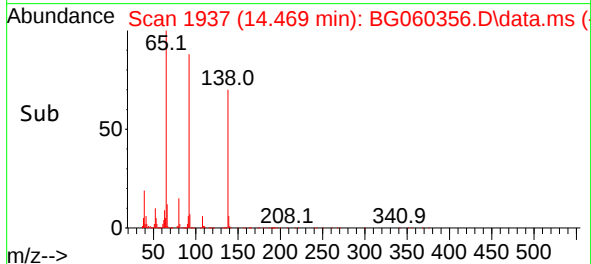
Instrument :
BNA_G
ClientSampleId :
TP-011724MS



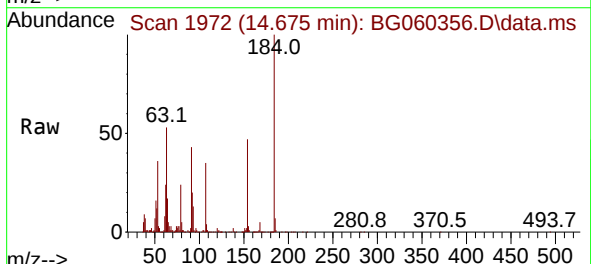
Tgt Ion:138 Resp: 34637
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.8
92 133.8 102.4 153.6

Manual Integrations
APPROVED

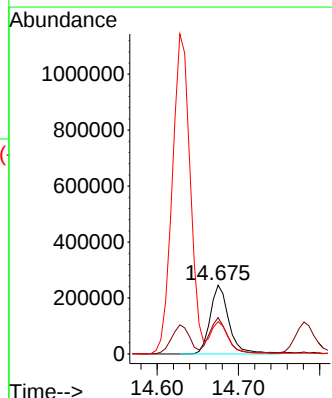
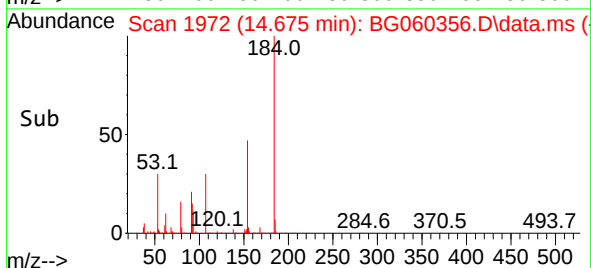
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

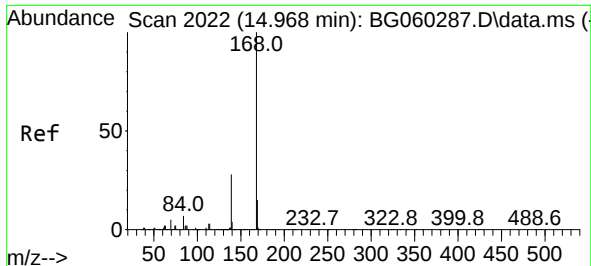


#54
2,4-Dinitrophenol
Concen: 58.077 ng
RT: 14.675 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



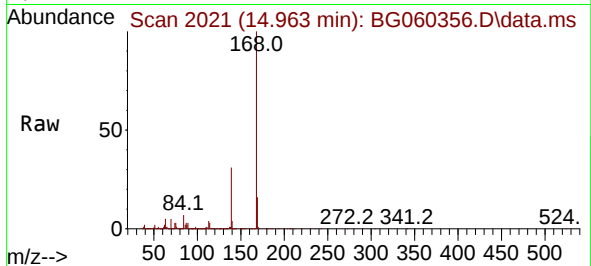
Tgt Ion:184 Resp: 394759
Ion Ratio Lower Upper
184 100
63 52.8 41.0 61.4
154 47.1 39.2 58.8





#55
Dibenzenofuran
Concen: 45.182 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

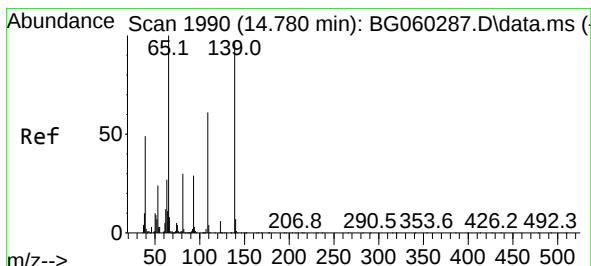
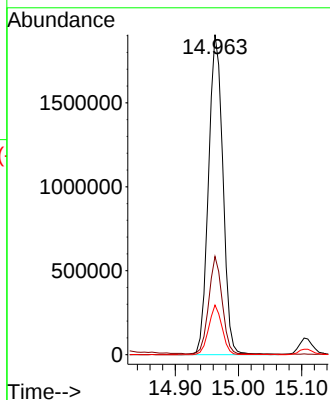
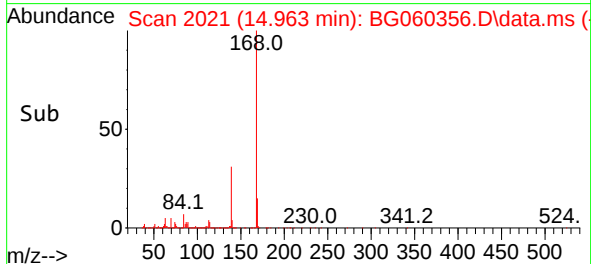
Instrument :
BNA_G
ClientSampleId :
TP-011724MS



Tgt Ion:168 Resp: 301205
Ion Ratio Lower Upper
168 100
139 30.7 22.6 34.0
169 15.5 12.1 18.1

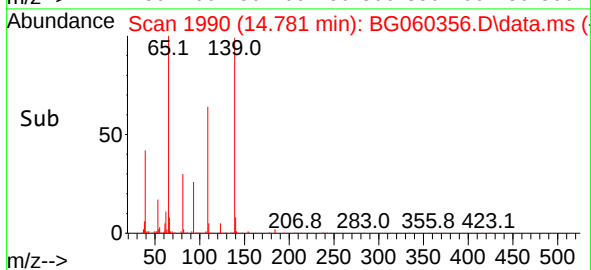
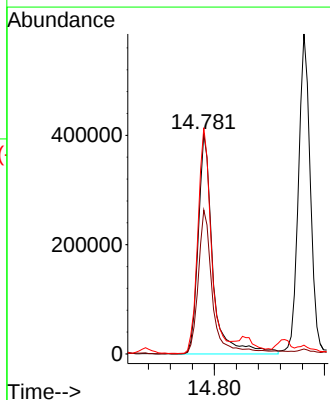
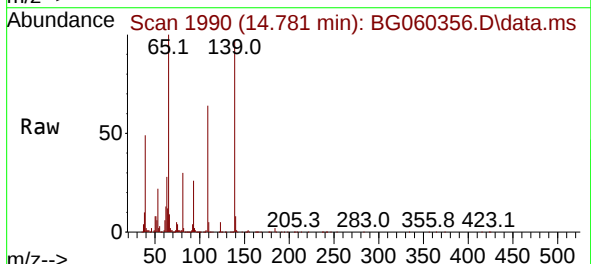
Manual Integrations
APPROVED

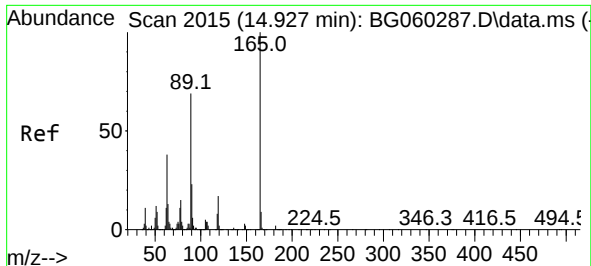
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#56
4-Nitrophenol
Concen: 92.996 ng
RT: 14.781 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:139 Resp: 738131
Ion Ratio Lower Upper
139 100
109 65.3 42.2 82.2
65 102.6 83.3 123.3





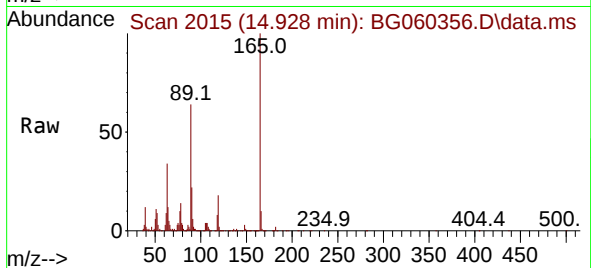
#57
2,4-Dinitrotoluene
Concen: 46.539 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

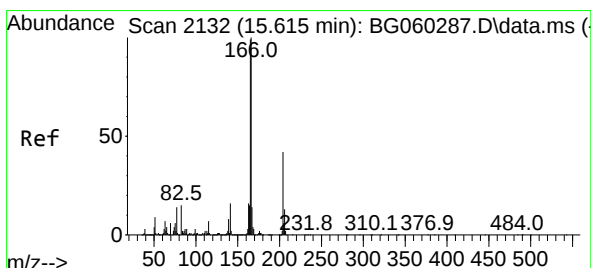
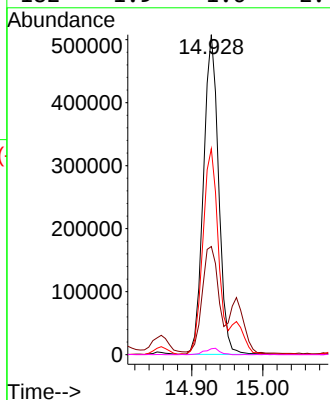
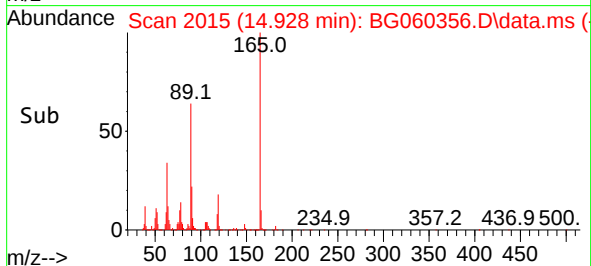


Tgt Ion:165 Resp: 74946
Ion Ratio Lower Upper
165 100
63 33.8 30.4 45.6
89 64.4 55.4 83.0
182 1.9 1.6 2.4

Manual Integrations

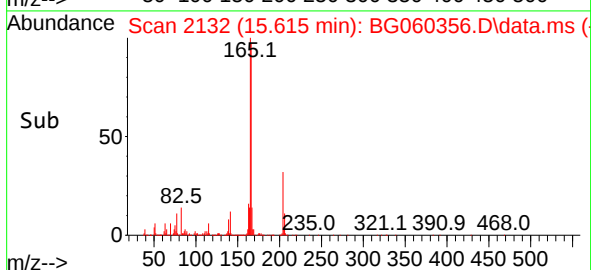
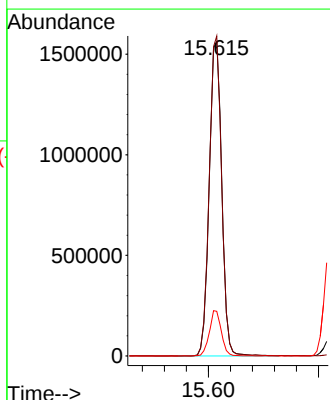
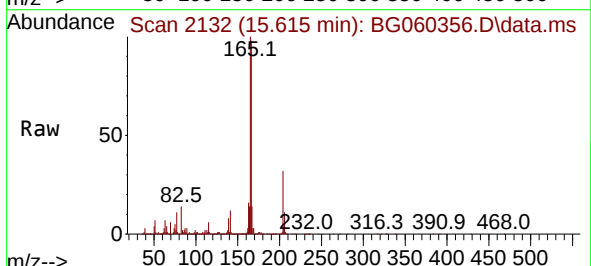
APPROVED

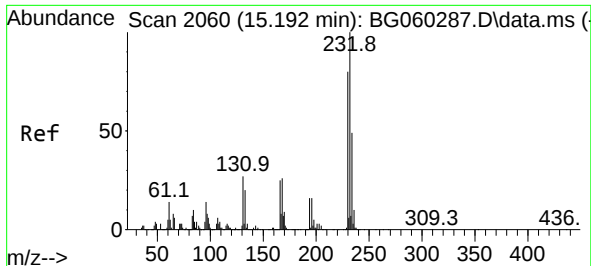
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#58
Fluorene
Concen: 44.574 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:166 Resp: 2460779
Ion Ratio Lower Upper
166 100
165 101.9 79.0 118.6
167 14.2 11.4 17.0





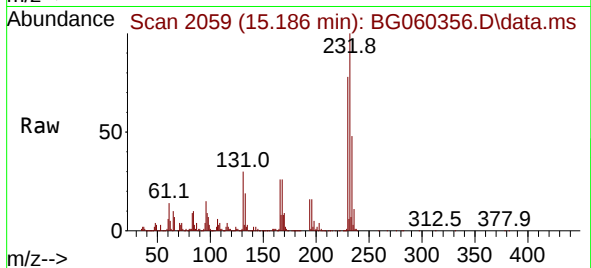
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.737 ng
RT: 15.186 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

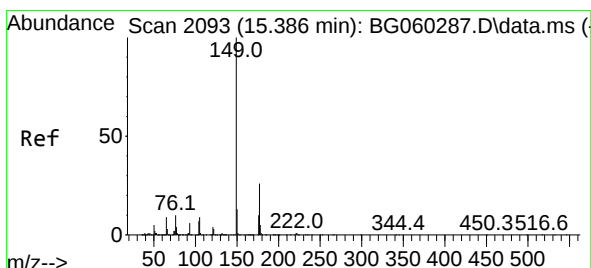
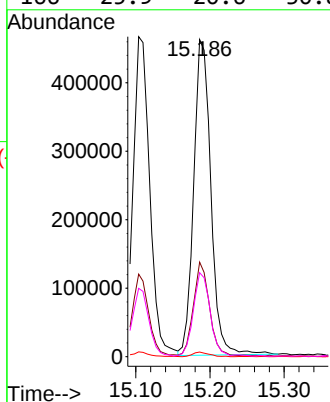
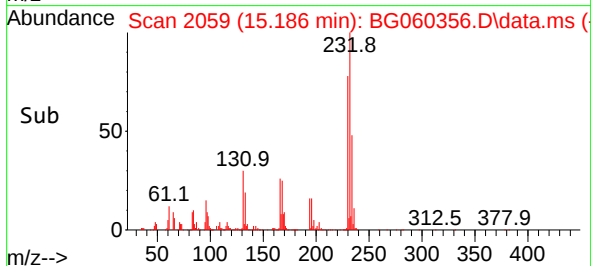


Tgt Ion:232 Resp: 743041
Ion Ratio Lower Upper
232 100
131 27.3 22.7 34.1
130 1.4 1.1 1.7
166 25.9 20.6 30.8

Manual Integrations

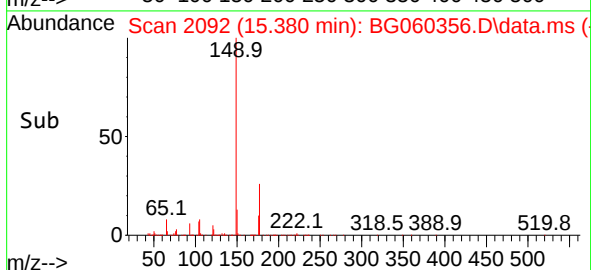
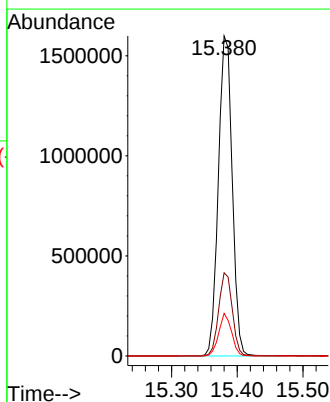
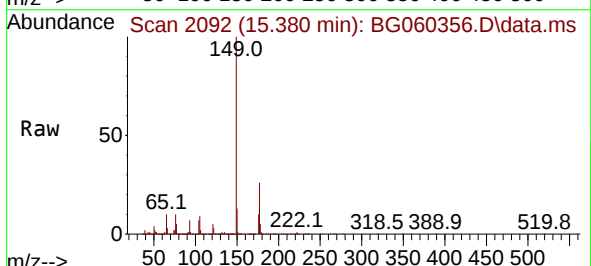
APPROVED

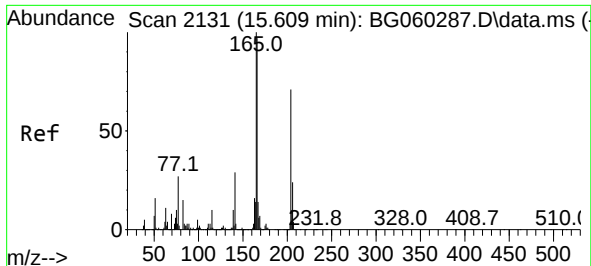
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#60
Diethylphthalate
Concen: 44.158 ng
RT: 15.380 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

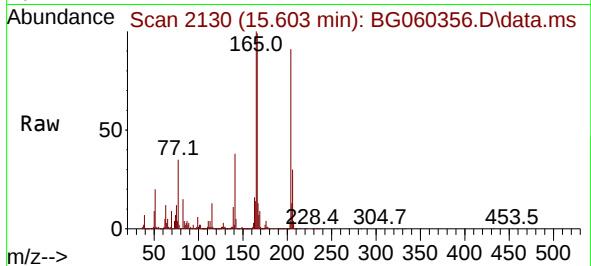
Tgt Ion:149 Resp: 2333146
Ion Ratio Lower Upper
149 100
177 26.0 20.9 31.3
150 13.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.149 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

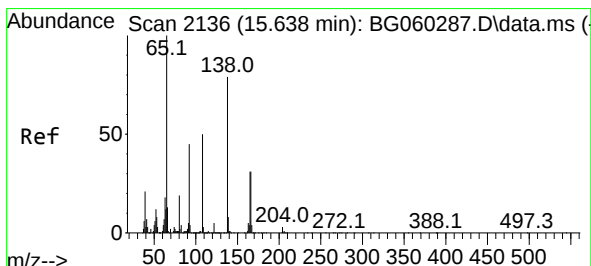
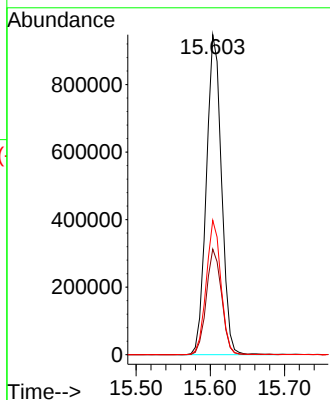
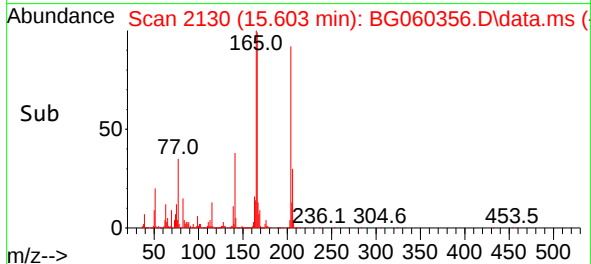
Instrument :
BNA_G
ClientSampleId :
TP-011724MS



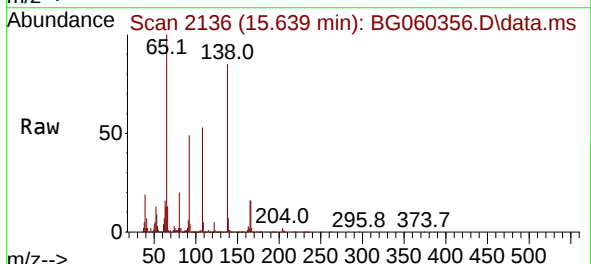
Tgt Ion:204 Resp: 1342649
Ion Ratio Lower Upper
204 100
206 33.0 27.1 40.7
141 42.0 32.2 48.2

Manual Integrations
APPROVED

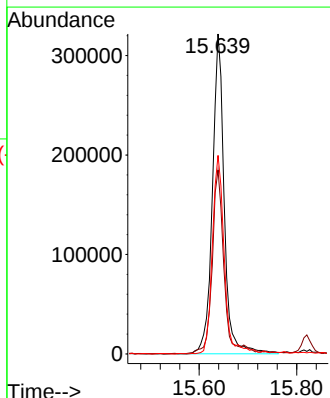
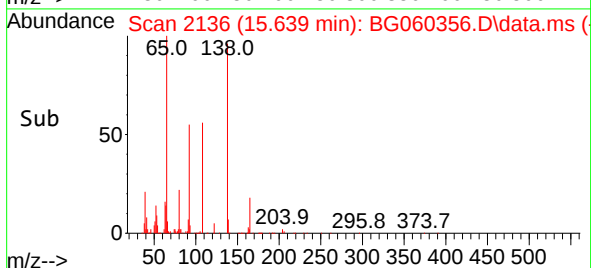
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

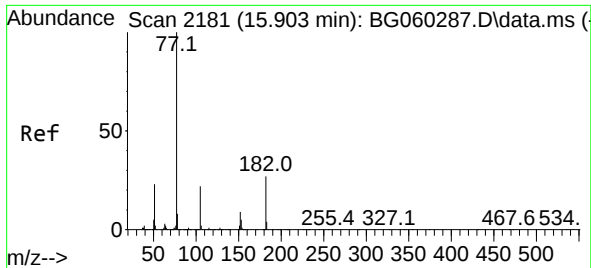


#62
4-Nitroaniline
Concen: 47.468 ng
RT: 15.639 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



Tgt Ion:138 Resp: 540619
Ion Ratio Lower Upper
138 100
92 57.5 37.0 77.0
108 62.1 43.1 83.1





#63
Azobenzene
Concen: 44.569 ng
RT: 15.897 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

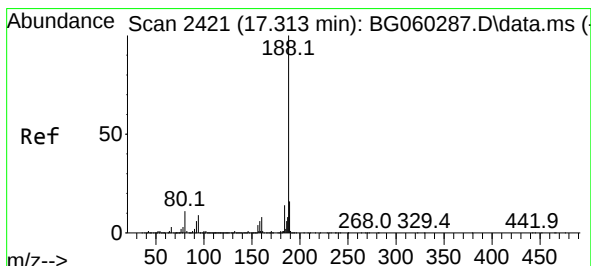
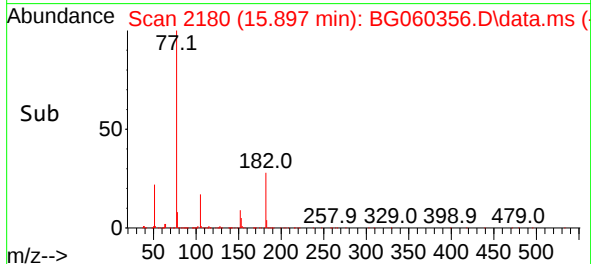
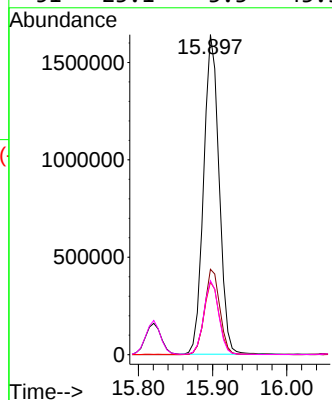
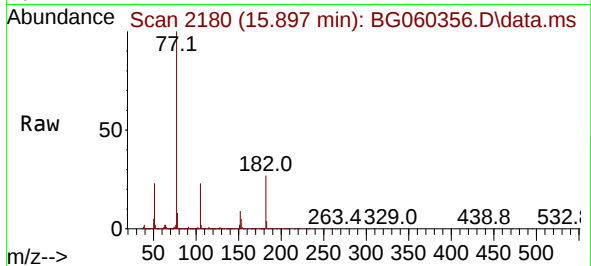
TP-011724MS

Tgt Ion: 77 Resp: 238181
Ion Ratio Lower Upper
77 100
182 26.7 6.5 46.5
105 22.7 1.8 41.8
51 23.1 3.3 43.3

Manual Integrations

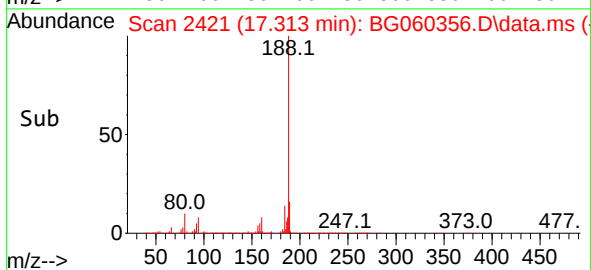
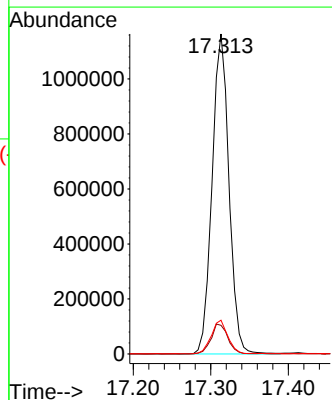
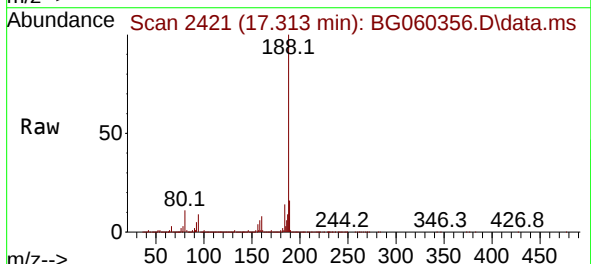
APPROVED

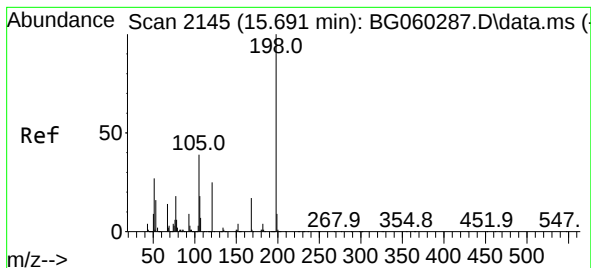
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:188 Resp: 1761581
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 10.5 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 37.186 ng
RT: 15.691 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

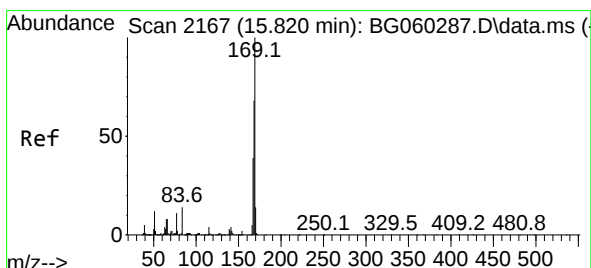
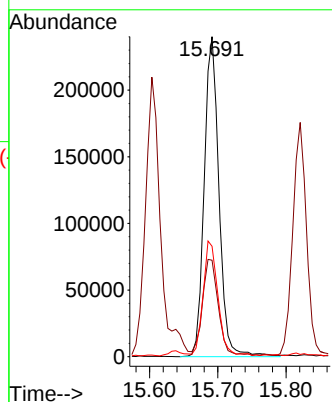
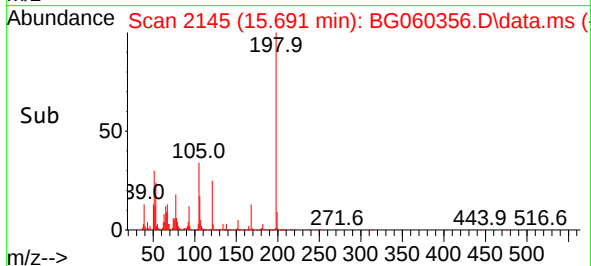
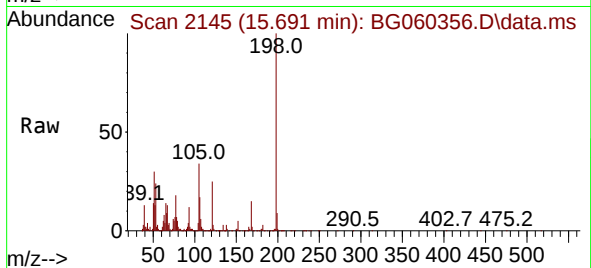
TP-011724MS

Tgt Ion:198 Resp: 36238
Ion Ratio Lower Upper
198 100
51 30.1 11.8 51.8
105 34.5 20.3 60.3

Manual Integrations

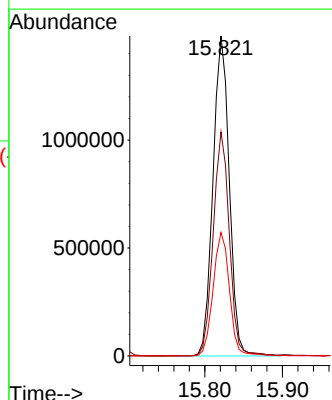
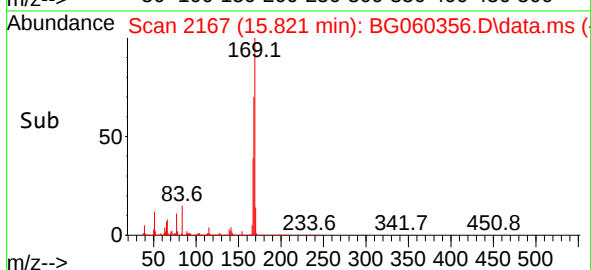
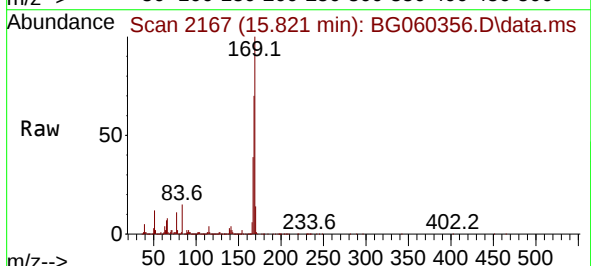
APPROVED

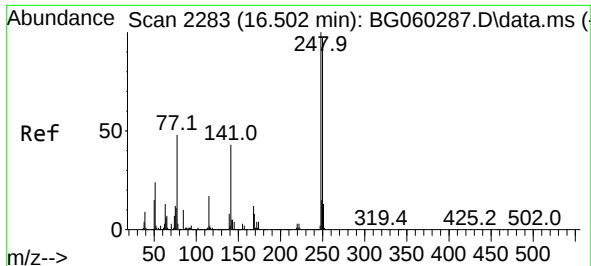
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#66
n-Nitrosodiphenylamine
Concen: 46.399 ng
RT: 15.821 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:169 Resp: 2170290
Ion Ratio Lower Upper
169 100
168 70.0 54.4 81.6
167 38.6 31.2 46.8





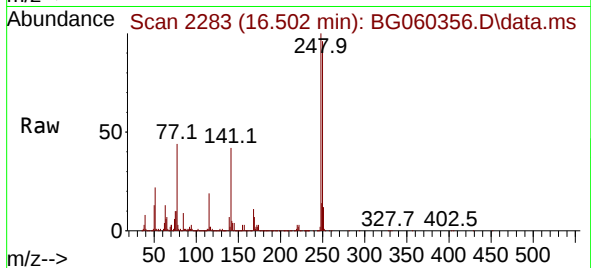
#67
4-Bromophenyl-phenylether
Concen: 45.363 ng
RT: 16.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

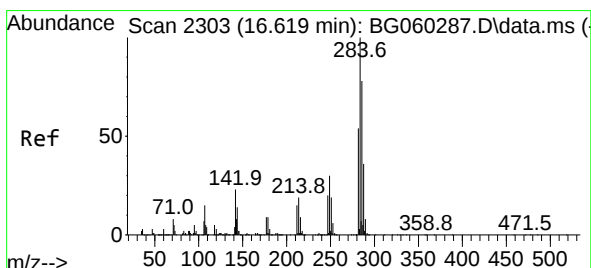
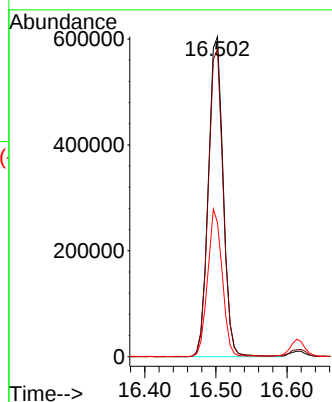
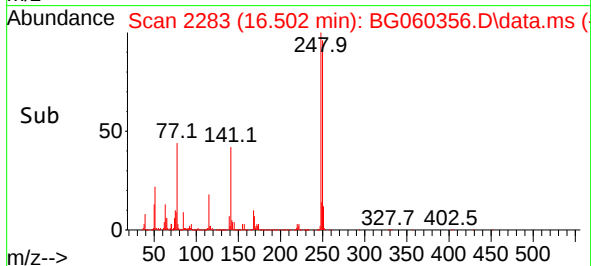


Tgt Ion:248 Resp: 878049
Ion Ratio Lower Upper
248 100
250 96.3 77.6 116.4
141 41.9 34.2 51.4

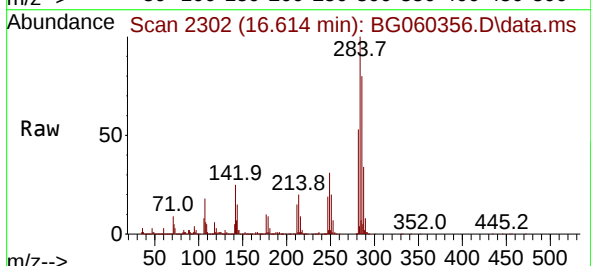
Manual Integrations

APPROVED

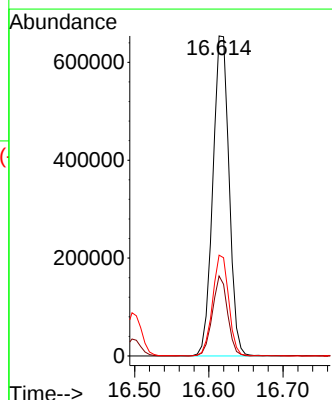
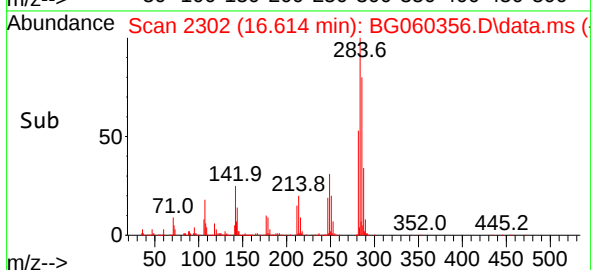
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

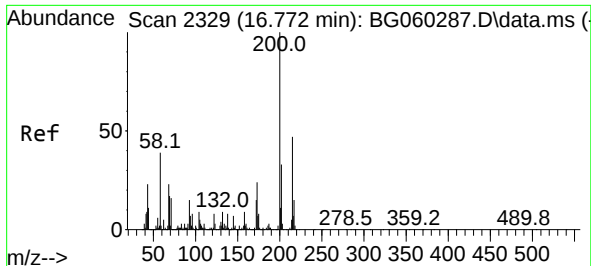


#68
Hexachlorobenzene
Concen: 43.416 ng
RT: 16.614 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



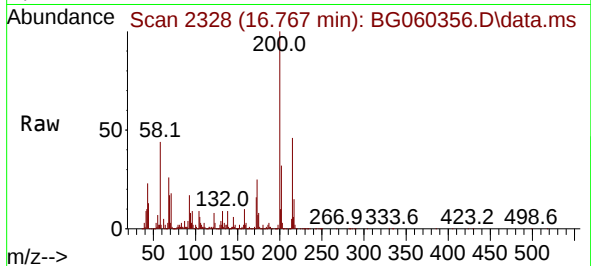
Tgt Ion:284 Resp: 994753
Ion Ratio Lower Upper
284 100
142 25.0 18.2 27.4
249 31.5 24.3 36.5





#69
Atrazine
Concen: 47.785 ng
RT: 16.767 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

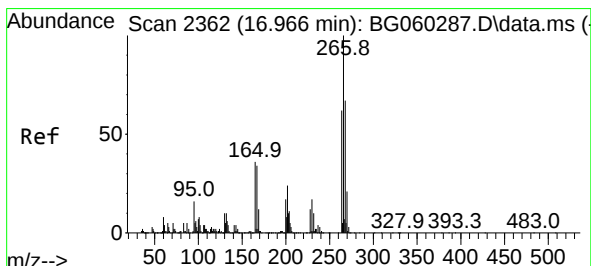
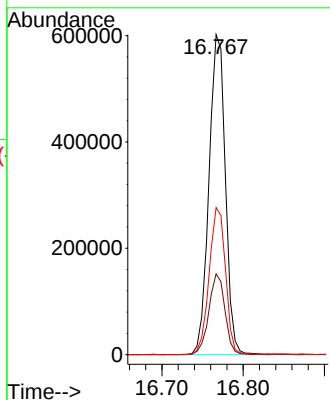
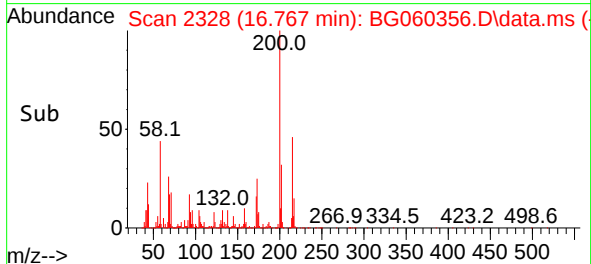
Instrument :
BNA_G
ClientSampleId :
TP-011724MS



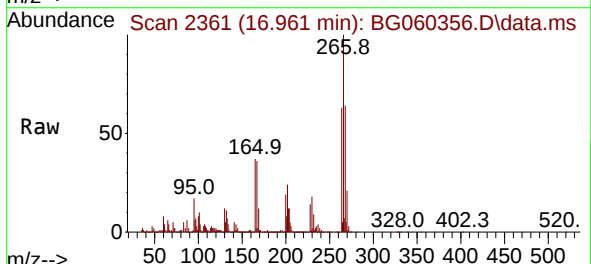
Tgt Ion:200 Resp: 84279
Ion Ratio Lower Upper
200 100
173 25.2 4.1 44.1
215 45.9 27.4 67.4

Manual Integrations
APPROVED

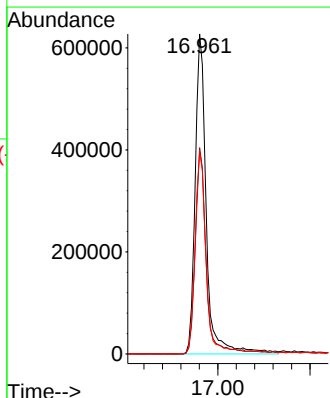
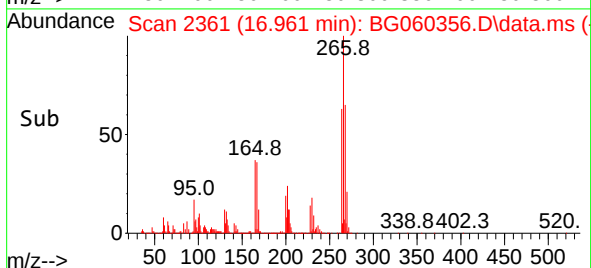
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

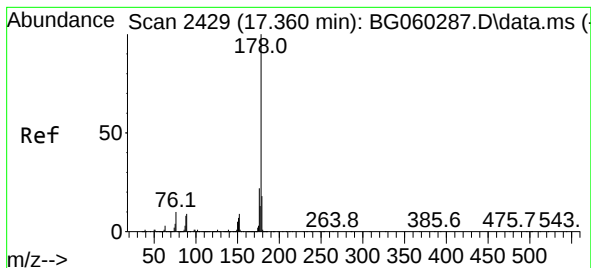


#70
Pentachlorophenol
Concen: 85.188 ng
RT: 16.961 min Scan# 2361
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



Tgt Ion:266 Resp: 1052080
Ion Ratio Lower Upper
266 100
268 64.5 57.4 86.2
264 63.2 49.8 74.8





#71

Phenanthrene

Concen: 44.661 ng

RT: 17.354 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

Tgt Ion:178 Resp: 380278

Ion Ratio Lower Upper

178 100

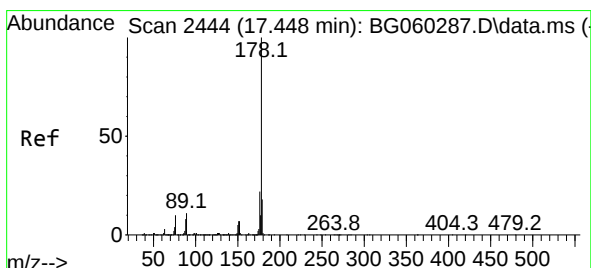
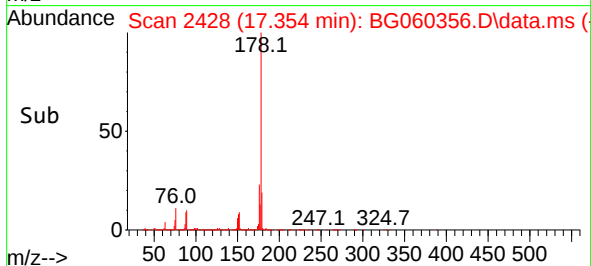
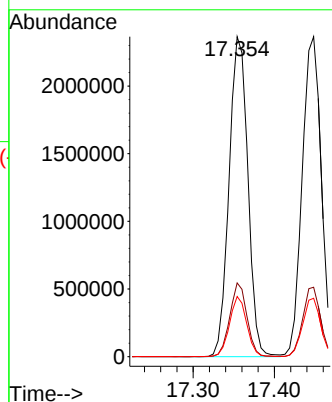
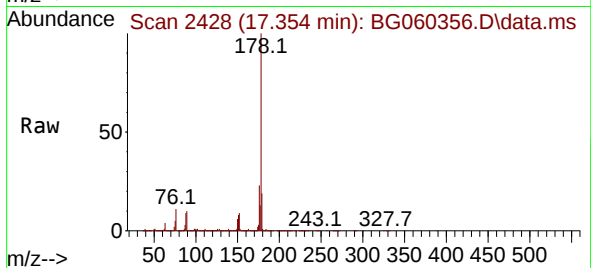
176 23.1 17.4 26.2

179 18.8 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#72

Anthracene

Concen: 45.624 ng

RT: 17.448 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

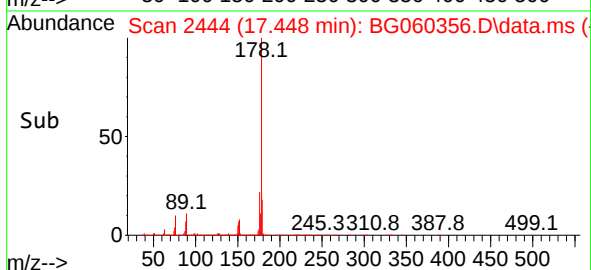
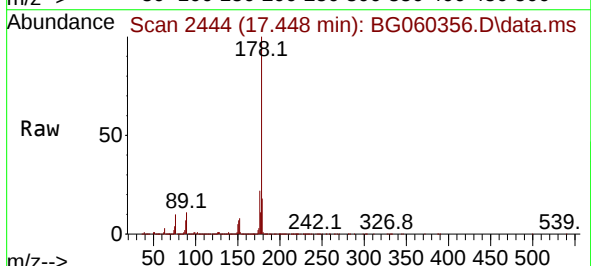
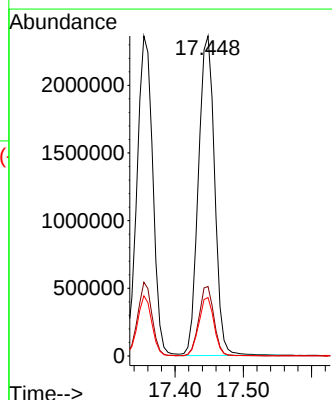
Tgt Ion:178 Resp: 3878514

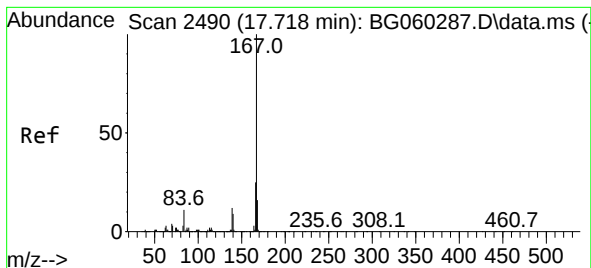
Ion Ratio Lower Upper

178 100

176 21.7 17.8 26.6

179 18.2 14.1 21.1





#73

Carbazole

Concen: 44.585 ng

RT: 17.718 min Scan# 2490

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

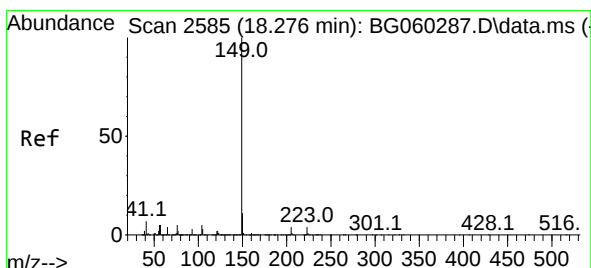
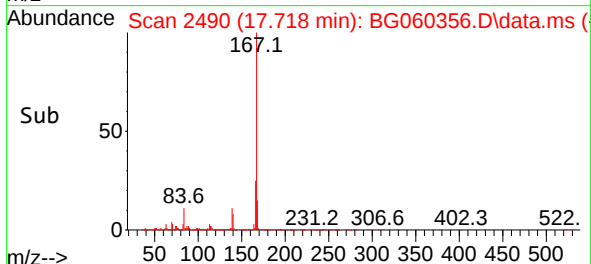
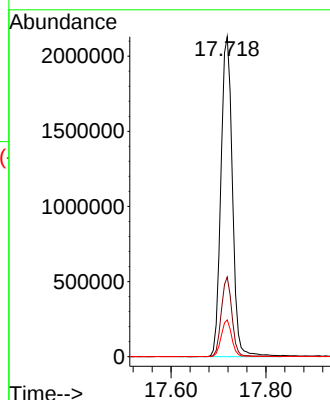
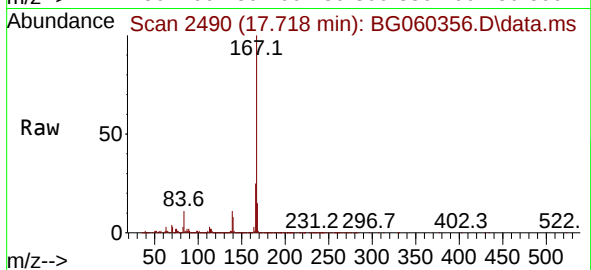
Tgt Ion:167 Resp: 3573204

Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.8	29.8
139	11.5	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#74

Di-n-butylphthalate

Concen: 44.686 ng

RT: 18.271 min Scan# 2584

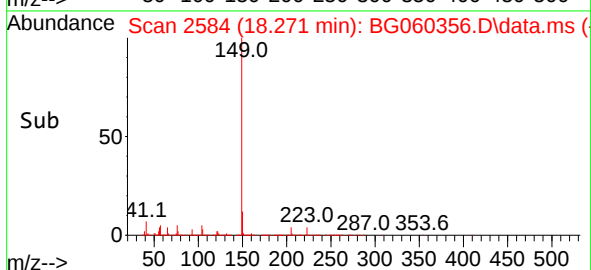
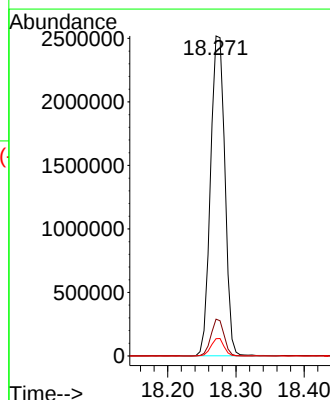
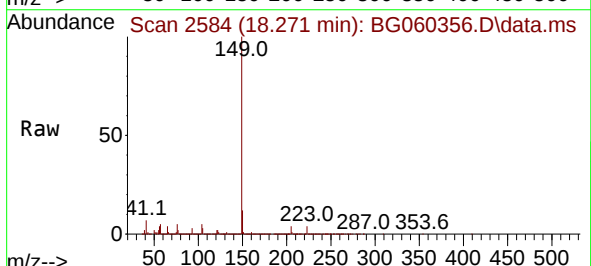
Delta R.T. -0.006 min

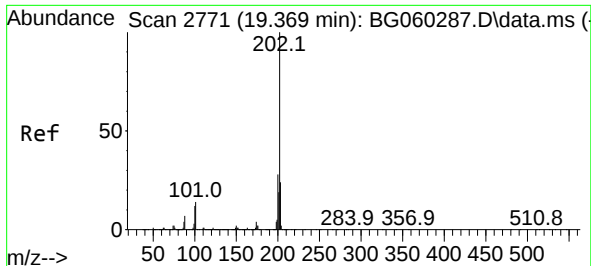
Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

Tgt Ion:149 Resp: 3684852

Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.1	13.7
104	5.4	4.3	6.5





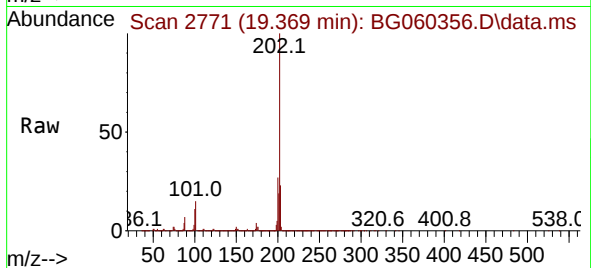
#75
Fluoranthene
Concen: 41.675 ng
RT: 19.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

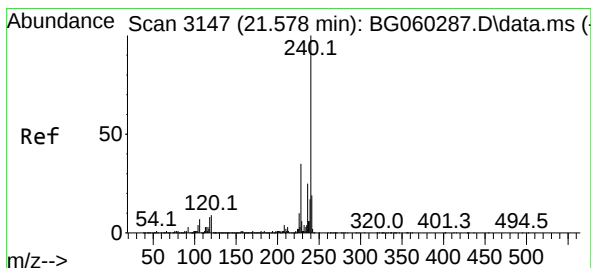
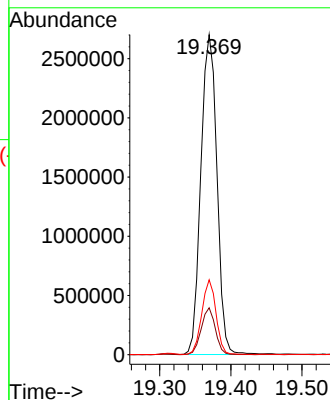
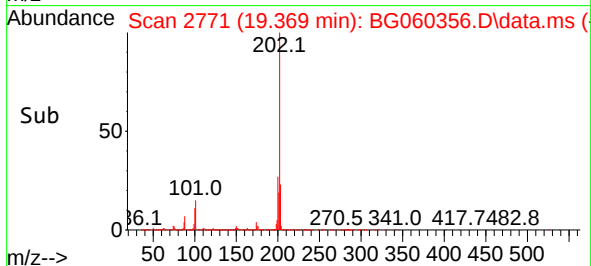


Tgt Ion:202 Resp: 426203
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.4
203 23.4 4.0 44.0

Manual Integrations

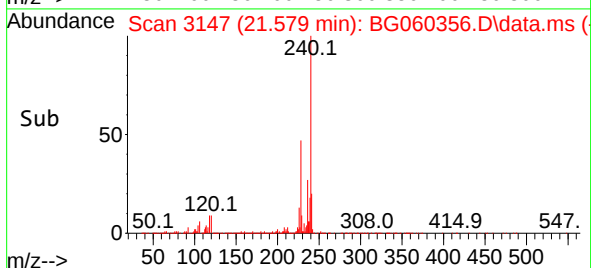
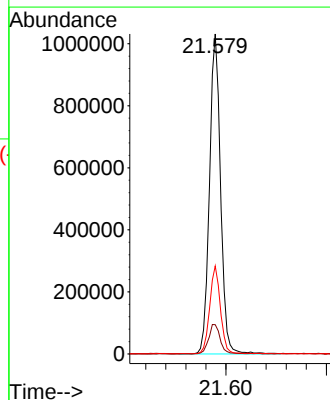
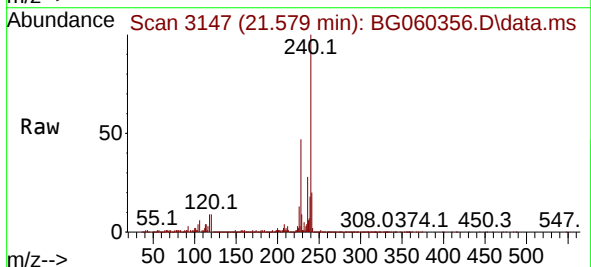
APPROVED

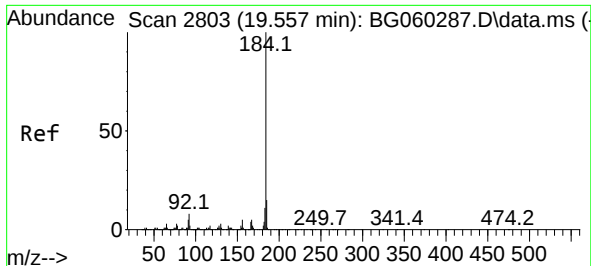
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.579 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:240 Resp: 1580855
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 27.5 20.3 30.5





#77
Benzidine
Concen: 51.223 ng
RT: 19.552 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

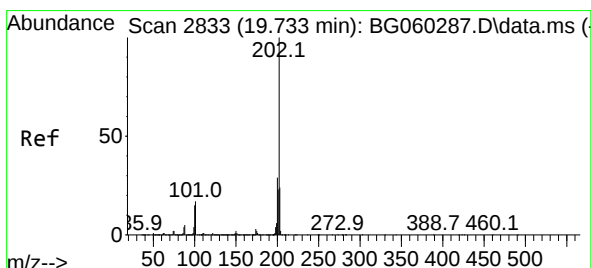
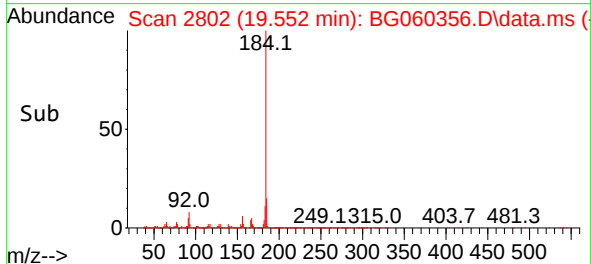
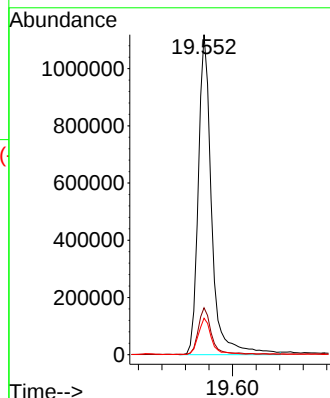
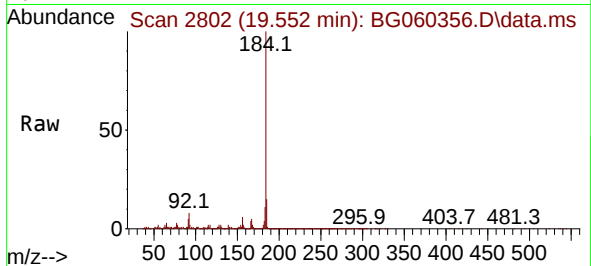
TP-011724MS

Tgt Ion:184 Resp: 1759230
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 11.4 9.0 13.4

Manual Integrations

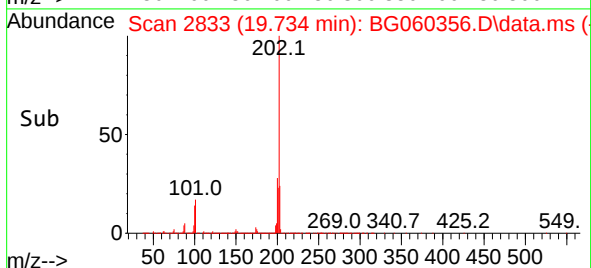
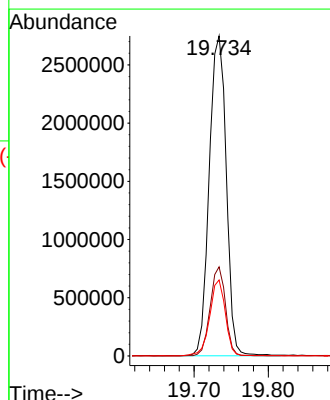
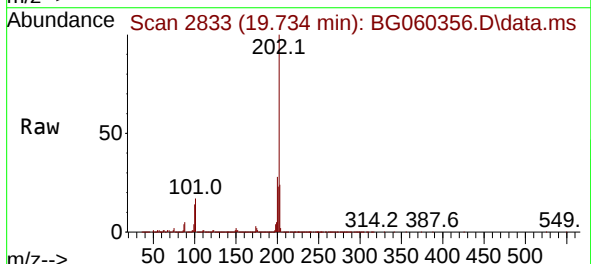
APPROVED

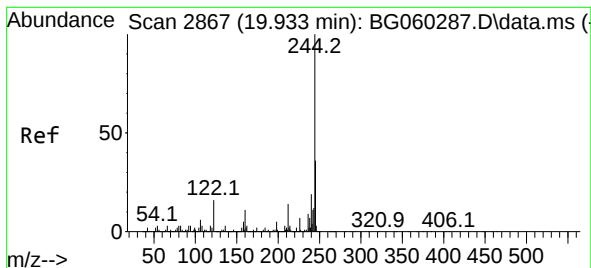
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#78
Pyrene
Concen: 43.439 ng
RT: 19.734 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:202 Resp: 4385246
Ion Ratio Lower Upper
202 100
200 27.9 23.5 35.3
203 23.8 19.6 29.4





#79

Terphenyl-d14

Concen: 73.839 ng

RT: 19.933 min Scan# 2867

Delta R.T. 0.000 min

Lab File: BG060356.D

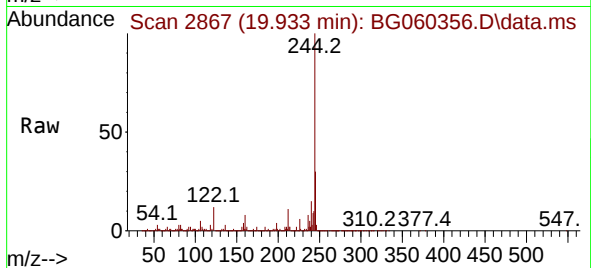
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS



Tgt Ion:244 Resp: 486191

Ion Ratio Lower Upper

244 100

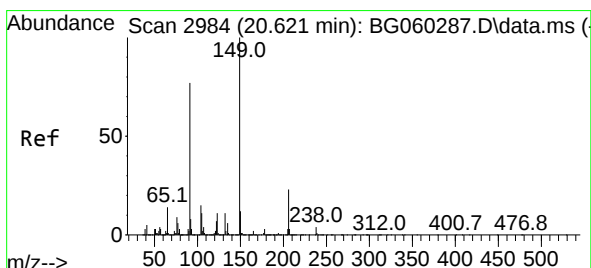
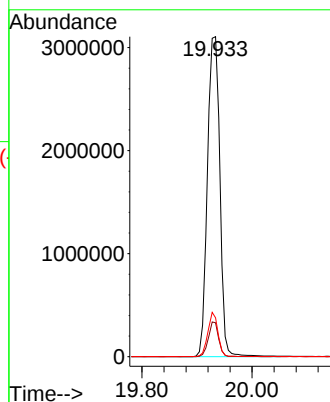
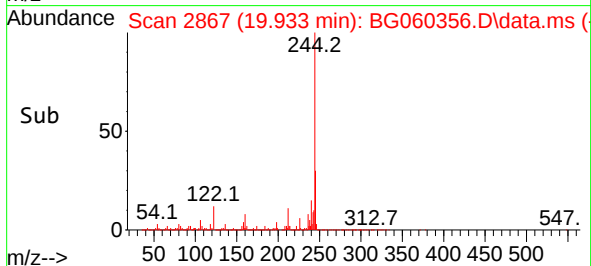
212 10.6 10.9 16.3

122 12.2 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#80

Butylbenzylphthalate

Concen: 50.998 ng

RT: 20.621 min Scan# 2984

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

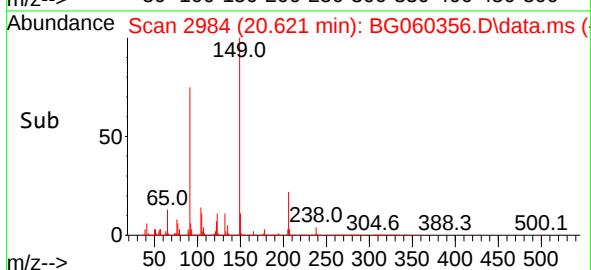
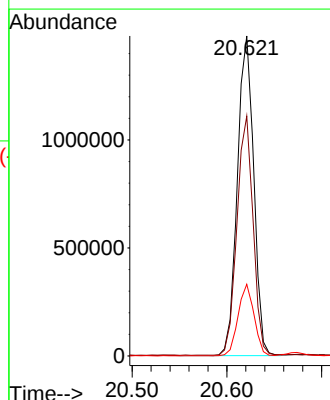
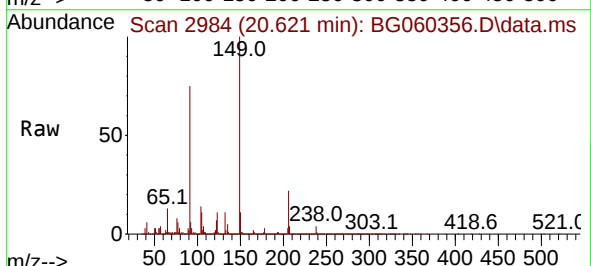
Tgt Ion:149 Resp: 1771276

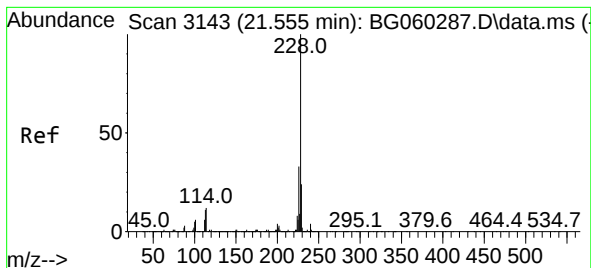
Ion Ratio Lower Upper

149 100

91 75.0 61.4 92.2

206 22.4 18.0 27.0





#81

Benzo(a)anthracene

Concen: 45.056 ng

RT: 21.561 min Scan# 3144

Delta R.T. 0.006 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

Tgt Ion:228 Resp: 440943

Ion Ratio Lower Upper

228 100

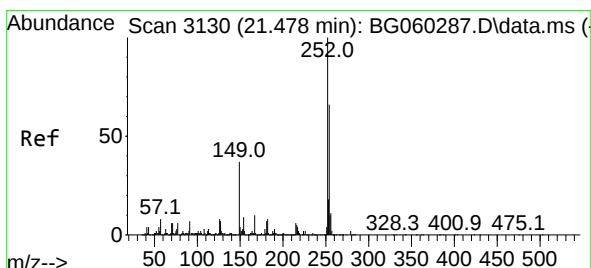
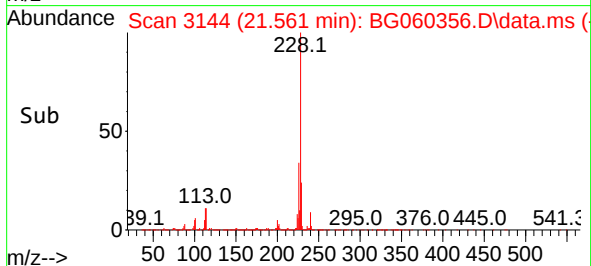
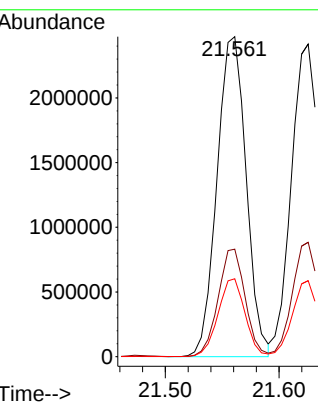
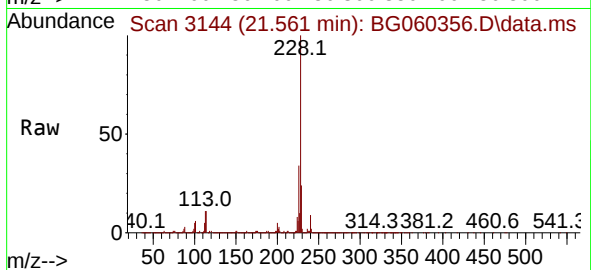
226 33.6 26.2 39.2

229 24.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 25.880 ng

RT: 21.479 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

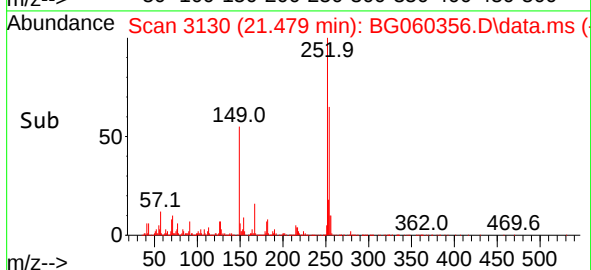
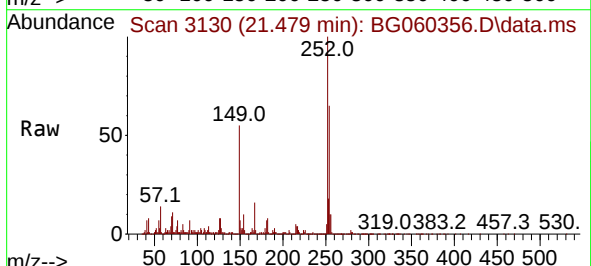
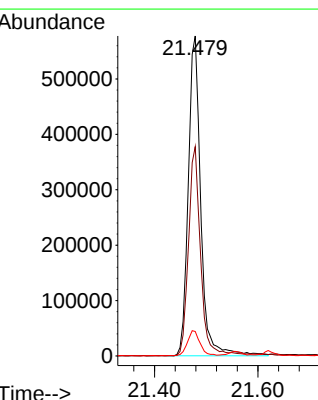
Tgt Ion:252 Resp: 969969

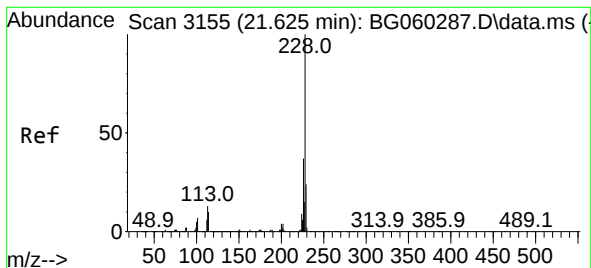
Ion Ratio Lower Upper

252 100

254 65.4 52.6 79.0

126 7.6 6.3 9.5





#83

Chrysene

Concen: 44.209 ng

RT: 21.626 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

Tgt Ion:228 Resp: 4255210

Ion Ratio Lower Upper

228 100

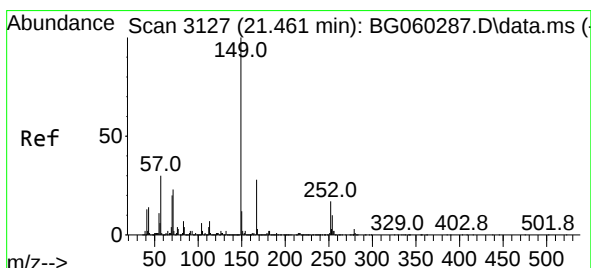
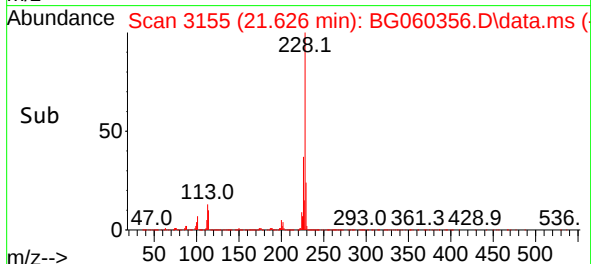
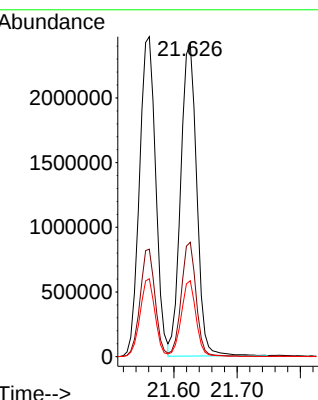
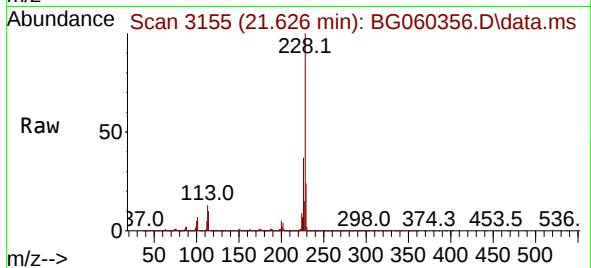
226 36.6 29.4 44.2

229 24.3 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.628 ng

RT: 21.461 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

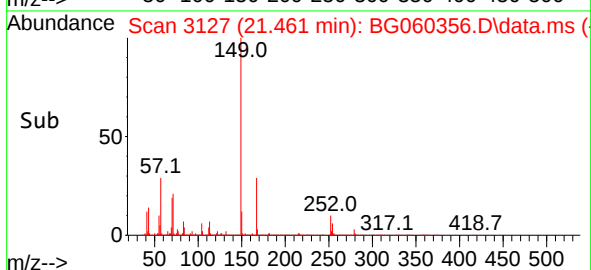
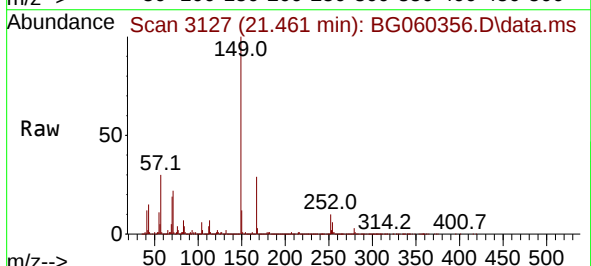
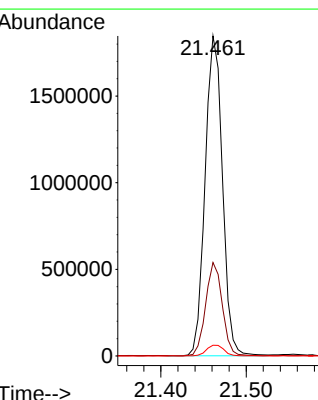
Tgt Ion:149 Resp: 2604674

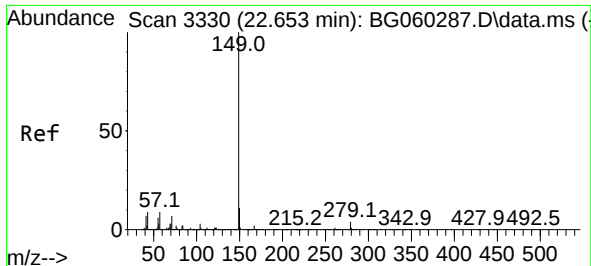
Ion Ratio Lower Upper

149 100

167 29.2 22.2 33.2

279 3.3 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 50.573 ng
RT: 22.648 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

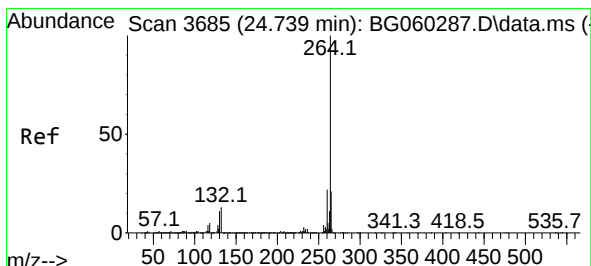
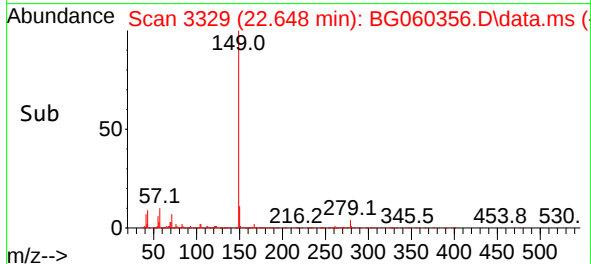
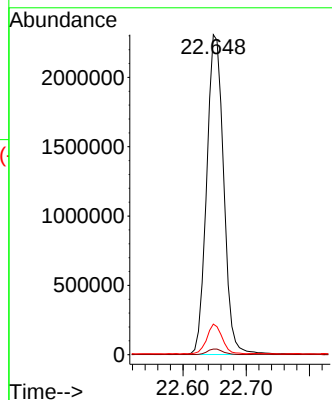
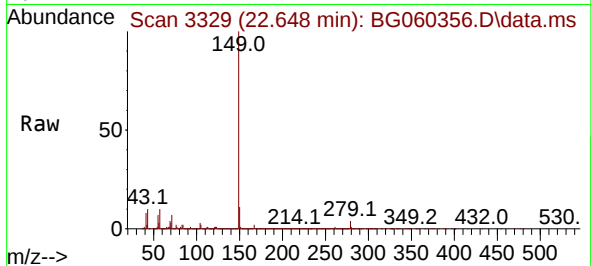
TP-011724MS

Tgt Ion:149 Resp: 4301279
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 6.8 10.2

Manual Integrations

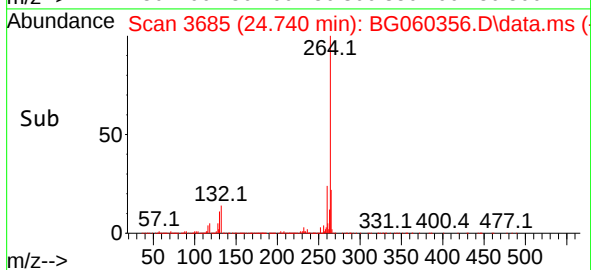
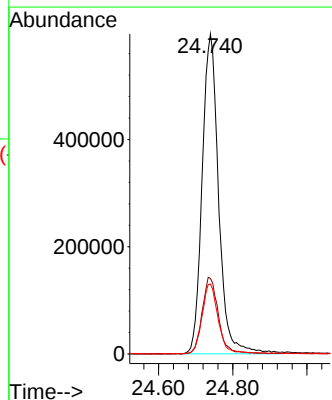
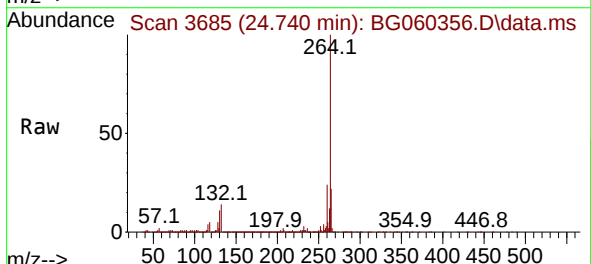
APPROVED

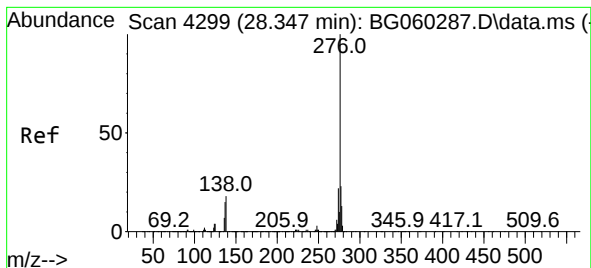
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.740 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Tgt Ion:264 Resp: 1838887
Ion Ratio Lower Upper
264 100
260 23.6 17.8 26.6
265 21.8 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.737 ng

RT: 28.347 min Scan# 4299

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

Tgt Ion:276 Resp: 584795

Ion Ratio Lower Upper

276 100

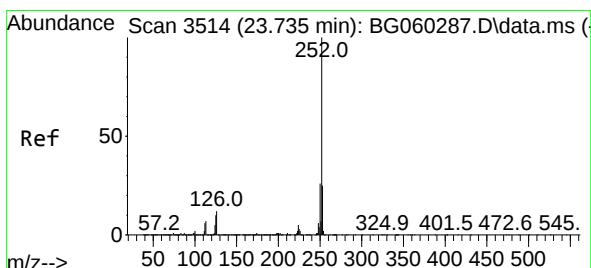
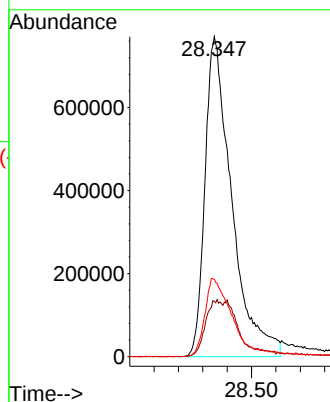
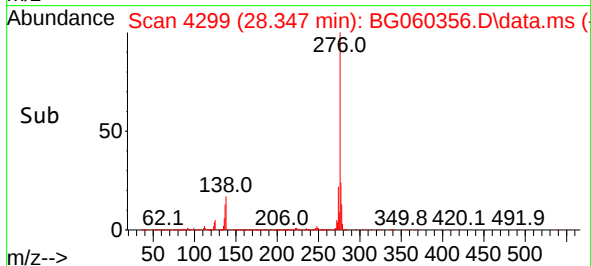
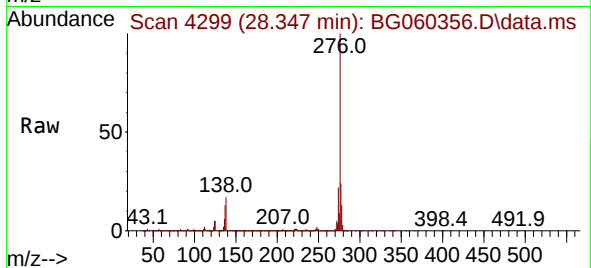
138 7.2 12.5 18.7

277 24.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#88

Benzo(b)fluoranthene

Concen: 44.464 ng

RT: 23.735 min Scan# 3514

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

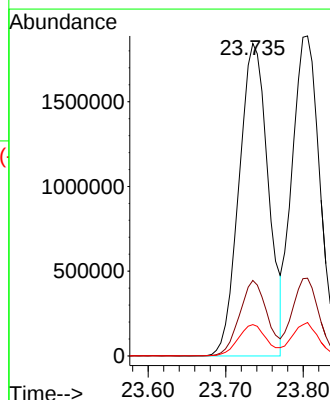
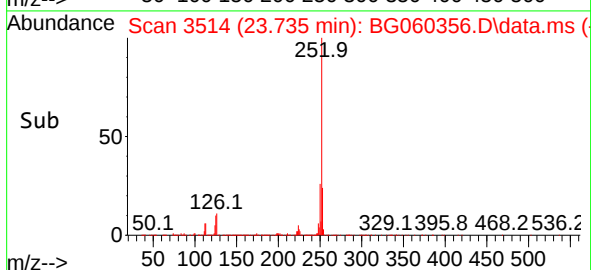
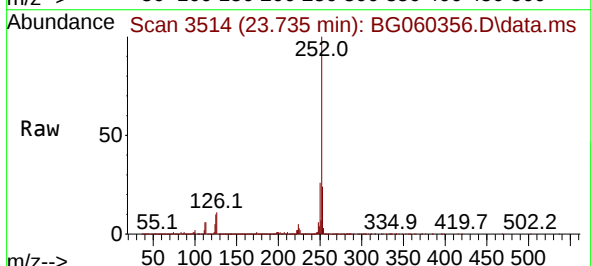
Tgt Ion:252 Resp: 4830276

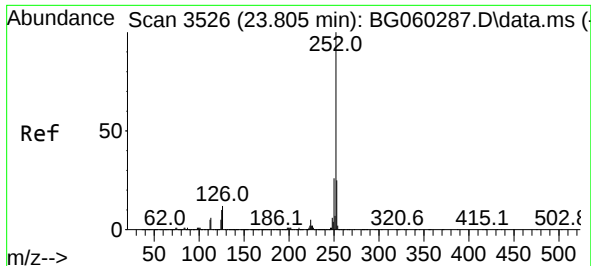
Ion Ratio Lower Upper

252 100

253 24.2 20.0 30.0

125 10.1 8.1 12.1





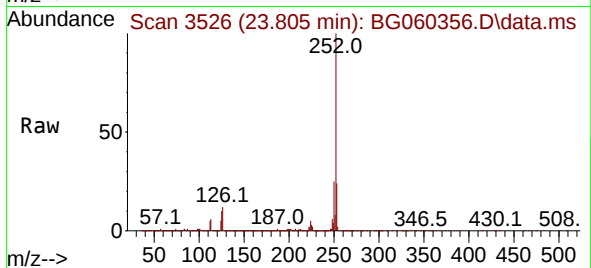
#89
Benzo(k)fluoranthene
Concen: 44.536 ng
RT: 23.805 min Scan# 3526
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

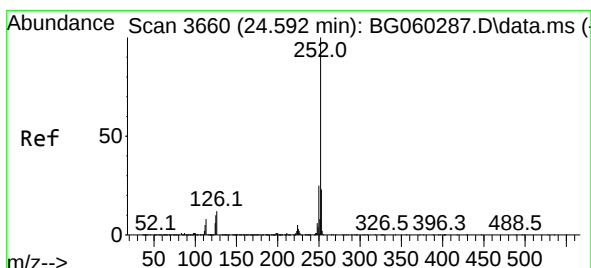
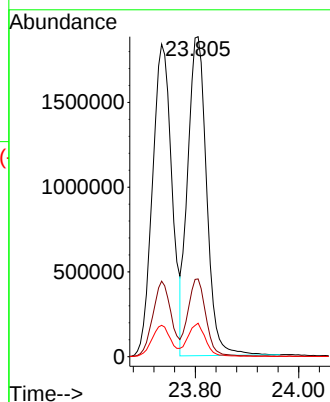
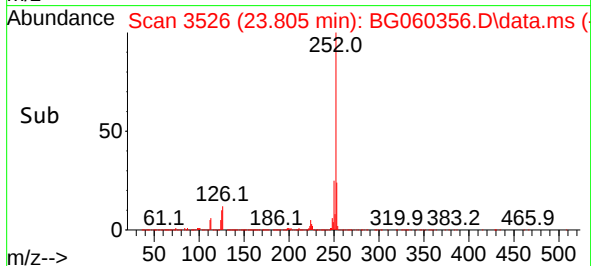


Tgt Ion:252 Resp: 477428
Ion Ratio Lower Upper
252 100
253 24.3 19.6 29.4
125 10.4 8.2 12.2

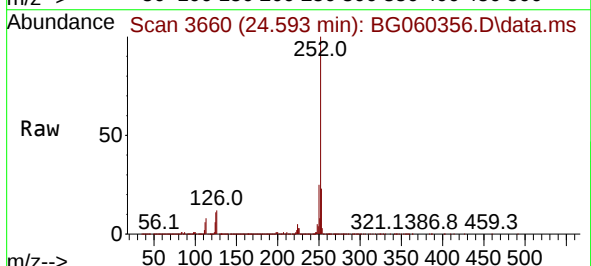
Manual Integrations

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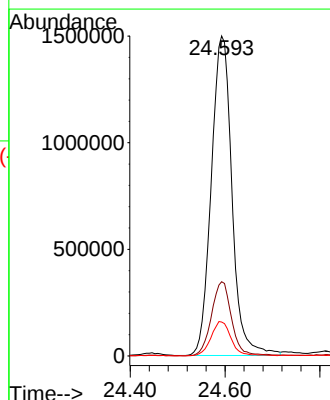
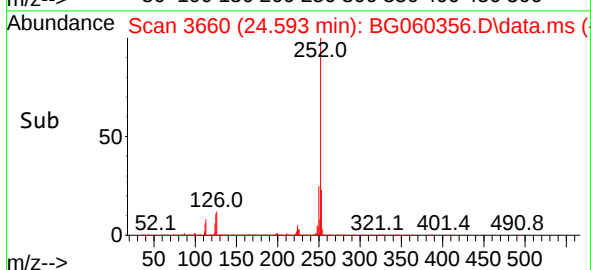
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

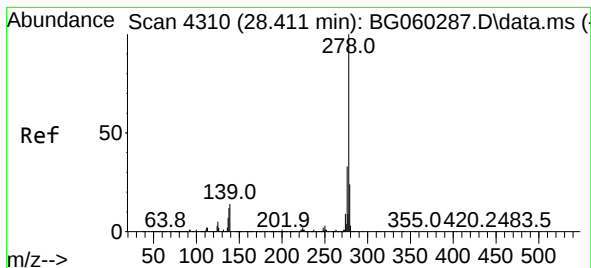


#90
Benzo(a)pyrene
Concen: 46.345 ng
RT: 24.593 min Scan# 3660
Delta R.T. 0.000 min
Lab File: BG060356.D
Acq: 18 Jan 2024 17:31



Tgt Ion:252 Resp: 4548014
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 10.6 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.867 ng

RT: 28.412 min Scan# 4310

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

Instrument :

BNA_G

ClientSampleId :

TP-011724MS

Tgt Ion:278 Resp: 478934

Ion Ratio Lower Upper

278 100

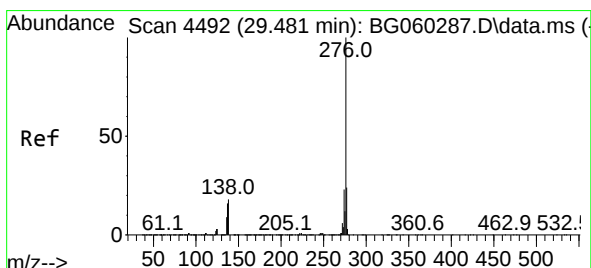
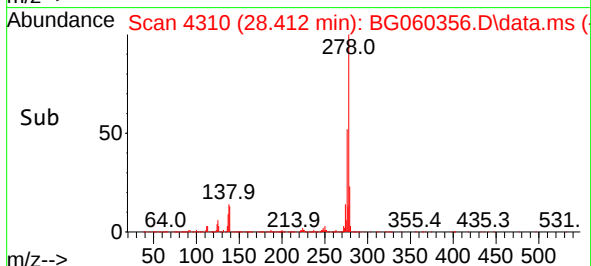
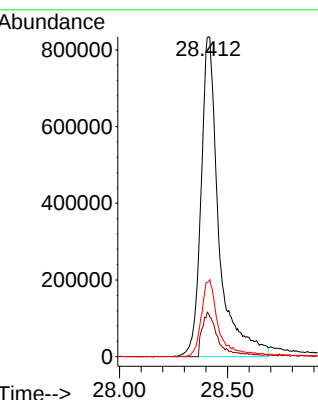
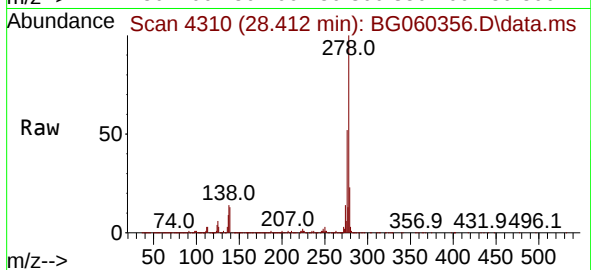
139 13.5 10.9 16.3

279 23.5 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#92

Benzo(g,h,i)perylene

Concen: 39.831 ng

RT: 29.481 min Scan# 4492

Delta R.T. 0.000 min

Lab File: BG060356.D

Acq: 18 Jan 2024 17:31

Tgt Ion:276 Resp: 4262662

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 18.6 14.2 21.4

