

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060354.D
 Acq On : 18 Jan 2024 16:04
 Operator : MA/JU
 Sample : SP6400
 Misc : 8270/625.1 SPIKE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP6400

Manual Integrations APPROVED

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

Quant Time: Jan 18 16:39:38 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	7.929	152	199051	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	820422	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	621333	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1688906	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1645504	20.000	ng	0.00
86) Perylene-d12	24.739	264	1827784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	287109	51.937	ng	98
3) Pyridine	3.793	79	701851	44.999	ng	97
4) n-Nitrosodimethylamine	3.711	42	258670	52.992	ng	92
6) Aniline	7.253	93	942418	52.614	ng	99
8) 2-Chlorophenol	7.494	128	733322	61.143	ng	97
9) Benzaldehyde	7.065	77	675290	65.650	ng	96
10) Phenol	7.118	94	1131767	62.991	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	810306	55.346	ng	94
12) 1,3-Dichlorobenzene	7.818	146	798299	53.028	ng	99
13) 1,4-Dichlorobenzene	7.964	146	815754	53.407	ng	97
14) 1,2-Dichlorobenzene	8.282	146	806902	51.375	ng	100
15) Benzyl Alcohol	8.164	79	712437	61.417	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	911049	51.269	ng	98
17) 2-Methylphenol	8.370	107	731034	59.237	ng	99
18) Hexachloroethane	9.010	117	272245	50.836	ng	97
19) n-Nitroso-di-n-propyla...	8.728	70	658460	53.090	ng	99
20) 3+4-Methylphenols	8.699	107	995887	59.853	ng	99
22) Acetophenone	8.746	105	1204180	53.396	ng	# 99
24) Nitrobenzene	9.134	77	899187	49.924	ng	96
25) Isophorone	9.651	82	1770576	50.745	ng	98
26) 2-Nitrophenol	9.845	139	388945	58.733	ng	98
27) 2,4-Dimethylphenol	9.903	122	602100	68.807	ng	96
28) bis(2-Chloroethoxy)met...	10.138	93	1142982	53.613	ng	99
29) 2,4-Dichlorophenol	10.379	162	847372	59.758	ng	99
30) 1,2,4-Trichlorobenzene	10.591	180	910202	51.594	ng	97
31) Naphthalene	10.785	128	2230057	51.855	ng	100
32) Benzoic acid	10.044	122	381486	49.076	ng	93
33) 4-Chloroaniline	10.890	127	483163	29.158	ng	98
34) Hexachlorobutadiene	11.067	225	556186	48.397	ng	99
35) Caprolactam	11.660	113	277443m	60.747	ng	
36) 4-Chloro-3-methylphenol	12.013	107	834245	57.911	ng	99
37) 2-Methylnaphthalene	12.389	142	1647940	51.667	ng	99
38) 1-Methylnaphthalene	12.612	142	1580309	49.341	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	1128418	51.136	ng	99
41) Hexachlorocyclopentadiene	12.735	237	1239129	169.133	ng	97
43) 2,4,6-Trichlorophenol	13.000	196	772148	54.984	ng	99

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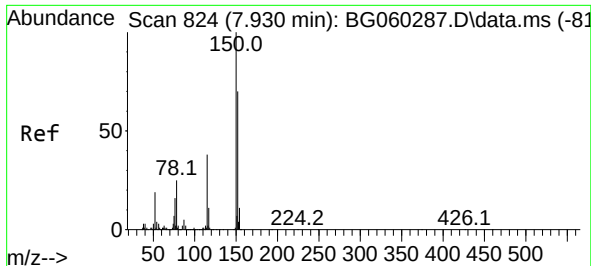
Manual Integrations
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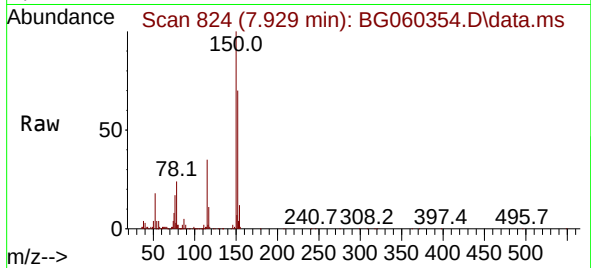
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	860994	55.586	ng	98
46) 1,1'-Biphenyl	13.399	154	2372461	50.585	ng	100
47) 2-Chloronaphthalene	13.440	162	2002671	49.843	ng	99
48) 2-Nitroaniline	13.646	65	606761	60.639	ng	100
49) Acenaphthylene	14.286	152	3180331	57.480	ng	98
50) Dimethylphthalate	14.022	163	2584000	54.422	ng	100
51) 2,6-Dinitrotoluene	14.140	165	583523	57.594	ng	93
52) Acenaphthene	14.633	154	1787971	51.897	ng	99
53) 3-Nitroaniline	14.474	138	362022	39.214	ng	97
54) 2,4-Dinitrophenol	14.680	184	718336	112.973	ng	96
55) Dibenzofuran	14.962	168	3098876	53.881	ng	98
56) 4-Nitrophenol	14.786	139	995994	145.452	ng	98
57) 2,4-Dinitrotoluene	14.927	165	844807	60.807	ng	97
58) Fluorene	15.614	166	2563439	53.823	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	813435	61.844	ng	99
60) Diethylphthalate	15.385	149	2537645	55.670	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	1384195	52.758	ng	99
62) 4-Nitroaniline	15.638	138	607184	61.796	ng	98
63) Azobenzene	15.896	77	2520588	54.671	ng	99
65) 4,6-Dinitro-2-methylph...	15.691	198	530540	56.783	ng	98
66) n-Nitrosodiphenylamine	15.820	169	2345808	52.310	ng	98
67) 4-Bromophenyl-phenylether	16.501	248	948402	51.106	ng	98
68) Hexachlorobenzene	16.619	284	1103785	50.248	ng	100
69) Atrazine	16.772	200	995929	58.897	ng	99
70) Pentachlorophenol	16.966	266	1374582	116.090	ng	95
71) Phenanthrene	17.359	178	4221034	51.707	ng	97
72) Anthracene	17.447	178	4300492	52.765	ng	97
73) Carbazole	17.718	167	4020517	52.325	ng	98
74) Di-n-butylphthalate	18.276	149	4144323	52.420	ng	98
75) Fluoranthene	19.369	202	4884332	49.815	ng	96
77) Benzidine	19.557	184	3905979	109.261	ng	95
78) Pyrene	19.733	202	5064962	48.200	ng	97
80) Butylbenzylphthalate	20.620	149	2052880	56.784	ng	99
81) Benzo(a)anthracene	21.560	228	5187431	50.923	ng	95
82) 3,3'-Dichlorobenzidine	21.478	252	1294774	33.189	ng	99
83) Chrysene	21.625	228	5021981	50.125	ng	95
84) Bis(2-ethylhexyl)phtha...	21.460	149	2955251	54.096	ng	95
85) Di-n-octyl phthalate	22.653	149	4844453	54.722	ng	100
87) Indeno(1,2,3-cd)pyrene	28.358	276	7057256	55.531	ng	# 95
88) Benzo(b)fluoranthene	23.740	252	5579552	51.673	ng	99
89) Benzo(k)fluoranthene	23.805	252	5580538	52.373	ng	99
90) Benzo(a)pyrene	24.592	252	5306643	54.404	ng	97
91) Dibenzo(a,h)anthracene	28.417	278	5738926	55.294	ng	99
92) Benzo(g,h,i)perylene	29.480	276	5474982	51.469	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

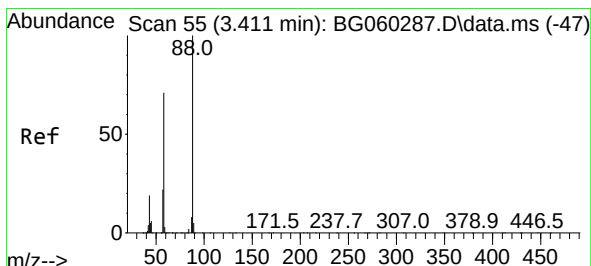
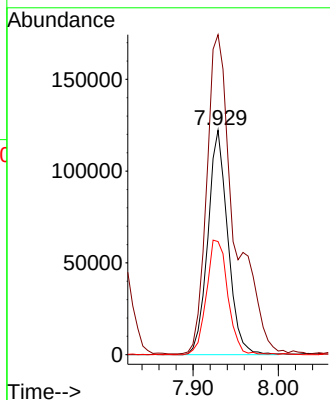
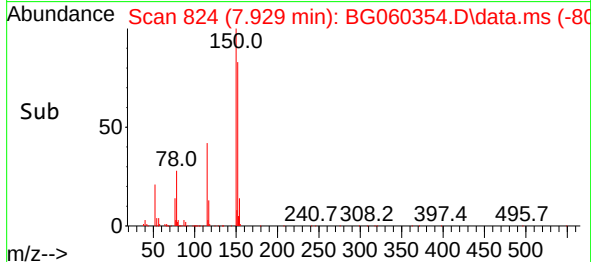
Instrument :
BNA_G
ClientSampleId :
SP6400



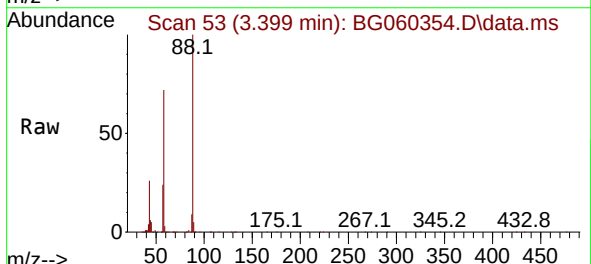
Tgt Ion:152 Resp: 19905
Ion Ratio Lower Upper
152 100
150 142.5 114.5 171.7
115 50.4 43.0 64.6

Manual Integrations
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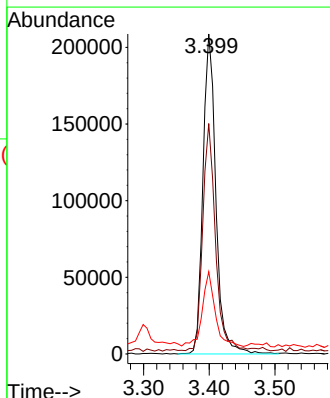
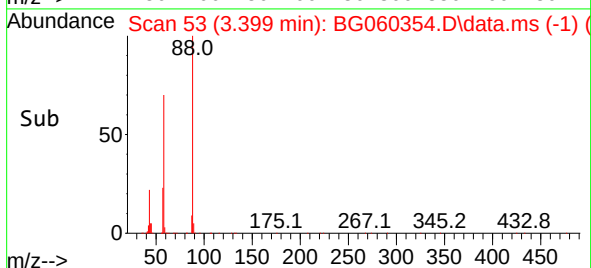
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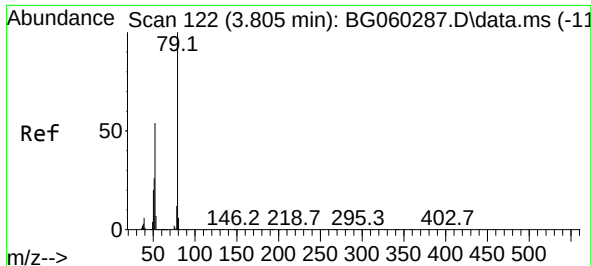


#2
1,4-Dioxane
Concen: 51.937 ng
RT: 3.399 min Scan# 53
Delta R.T. -0.012 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



Tgt Ion: 88 Resp: 287109
Ion Ratio Lower Upper
88 100
58 69.2 55.9 83.9
43 23.2 16.6 24.8





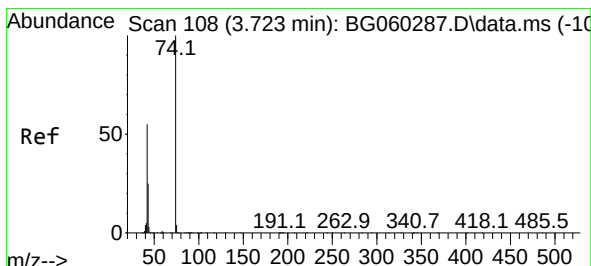
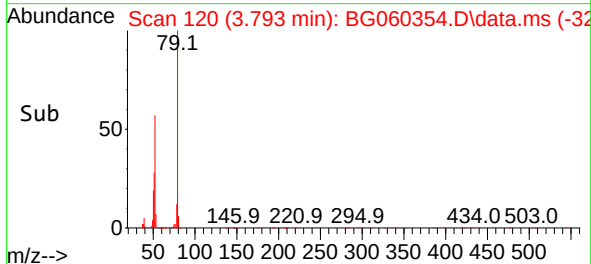
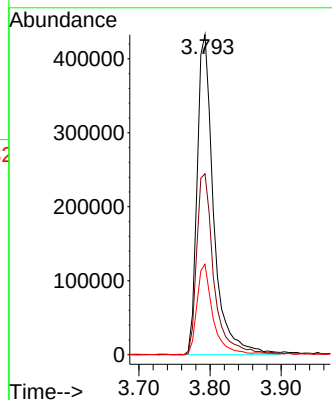
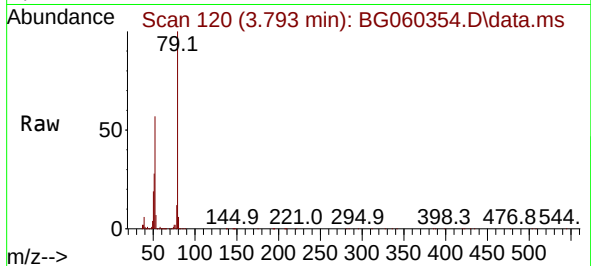
#3
Pyridine
Concen: 44.999 ng
RT: 3.793 min Scan# 107
Delta R.T. -0.012 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :
BNA_G
ClientSampleId :
SP6400

Tgt Ion: 79 Resp: 70185
Ion Ratio Lower Upper
79 100
52 56.6 43.2 64.8
51 28.3 21.4 32.2

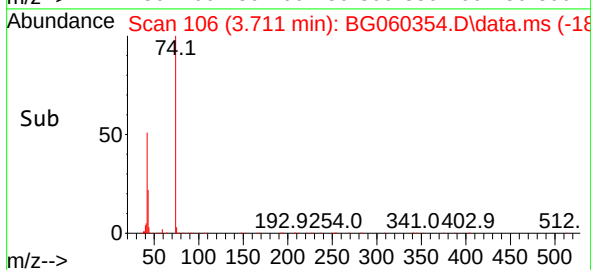
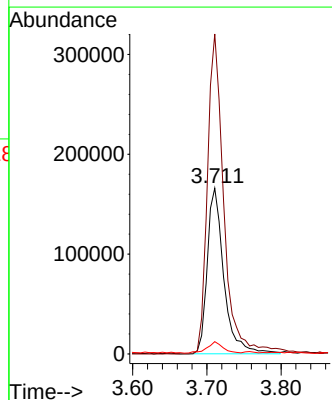
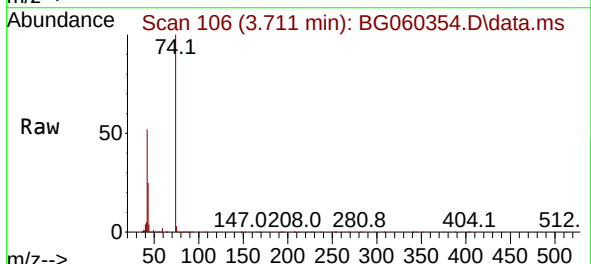
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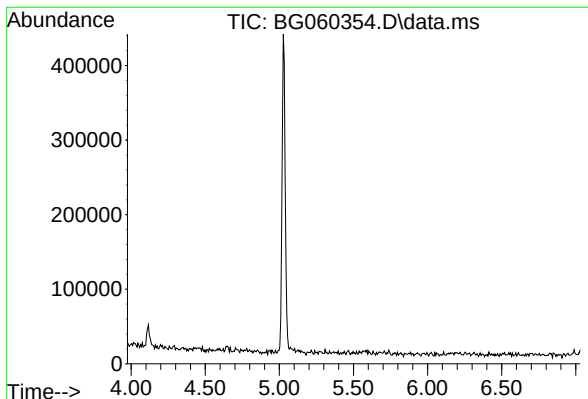
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#4
n-Nitrosodimethylamine
Concen: 52.992 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.012 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Tgt Ion: 42 Resp: 258670
Ion Ratio Lower Upper
42 100
74 193.1 145.1 217.7
44 7.5 5.2 7.8





#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.50 min
 Lab File: BG060354.D
 Acq: 18 Jan 2024 16:04

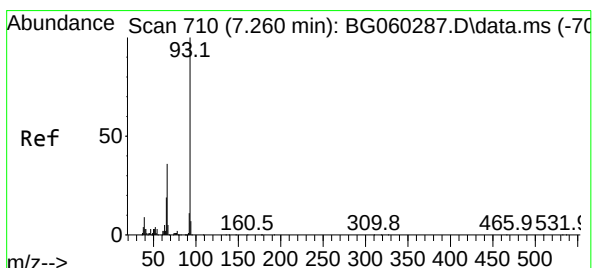
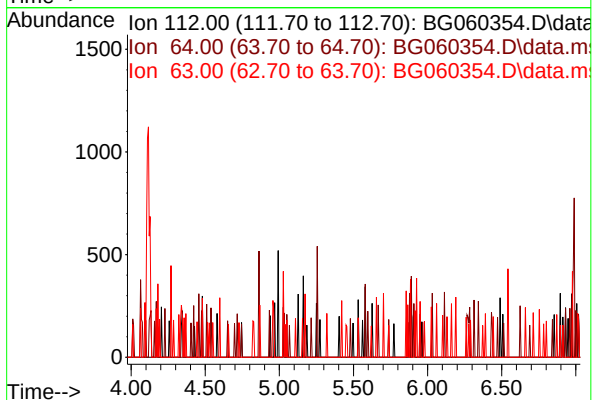
Instrument :
 BNA_G
 ClientSampleId :
 SP6400

Tgt Ion: 112

Sig	Exp	Ratio
112	100	
64	62.2	
63	30.5	

Manual Integrations
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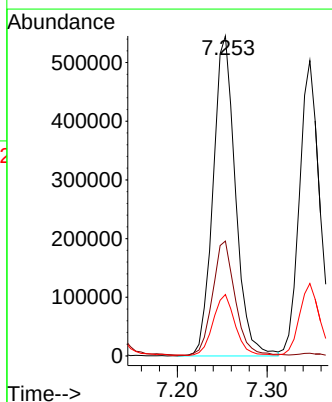
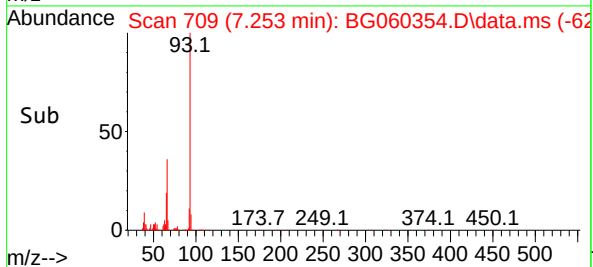
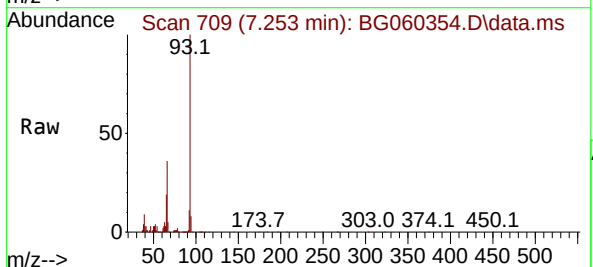
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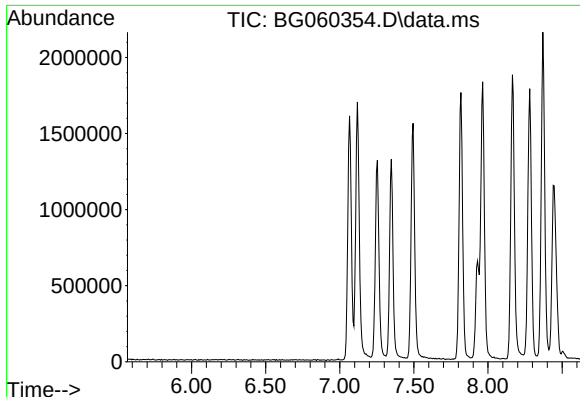


#6
 Aniline
 Concen: 52.614 ng
 RT: 7.253 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: BG060354.D
 Acq: 18 Jan 2024 16:04

Tgt Ion: 93 Resp: 942418

Ion	Ratio	Lower	Upper
93	100		
66	35.9	29.0	43.4
65	19.2	15.1	22.7





#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.10 min

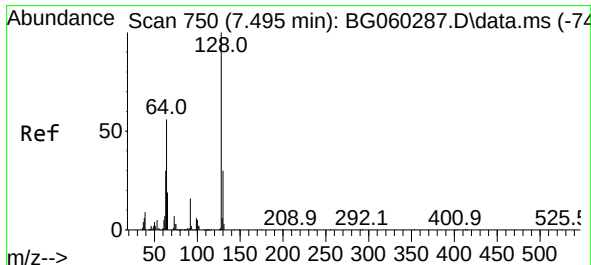
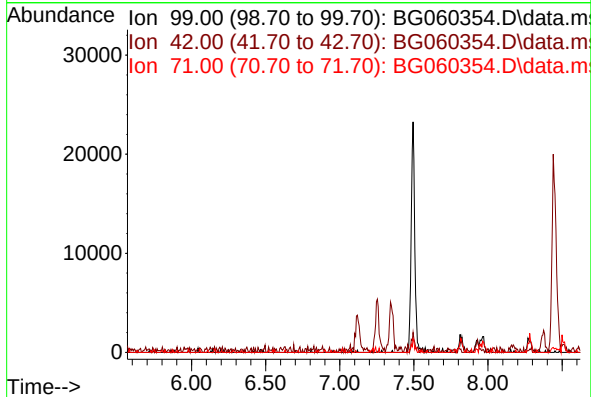
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :
BNA_G
ClientSampleId :
SP6400

Tgt Ion: 99
Sig Exp Ratio
99 100
42 13.6
71 26.9

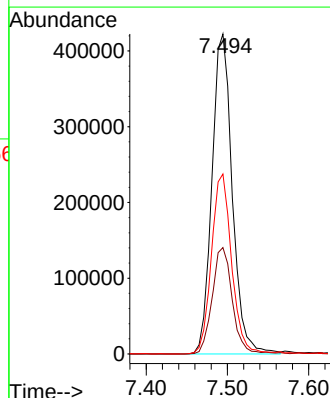
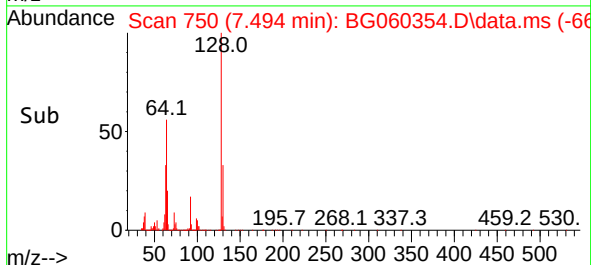
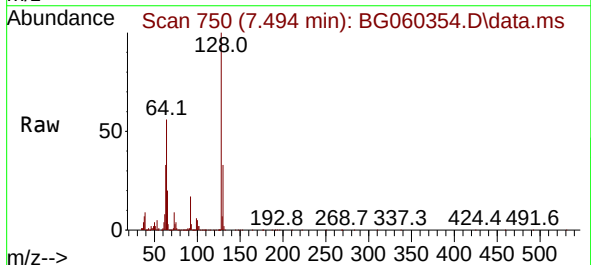
Manual Integrations APPROVED

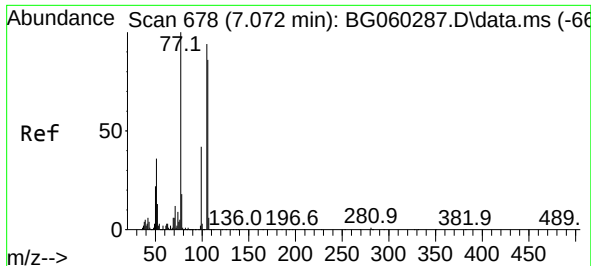
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#8
2-Chlorophenol
Concen: 61.143 ng
RT: 7.494 min Scan# 750
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

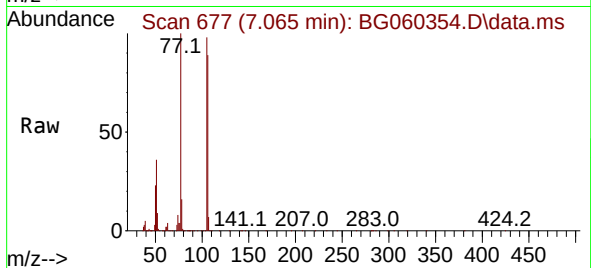
Tgt Ion:128 Resp: 733322
Ion Ratio Lower Upper
128 100
130 33.3 9.9 49.9
64 56.3 37.8 77.8





#9
Benzaldehyde
Concen: 65.650 ng
RT: 7.065 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

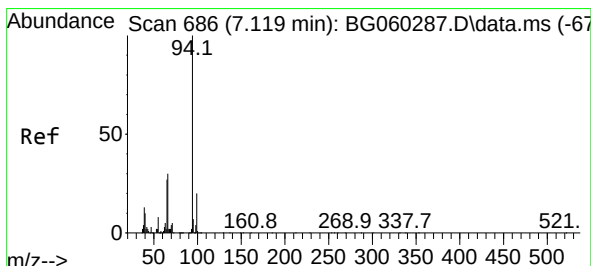
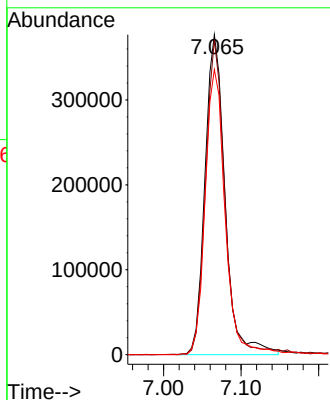
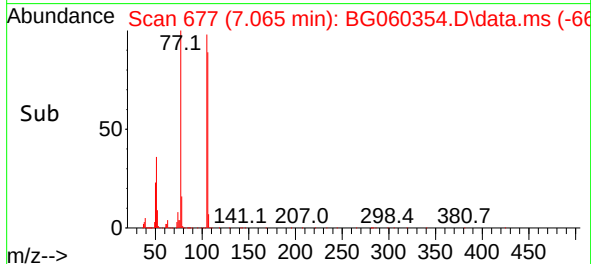
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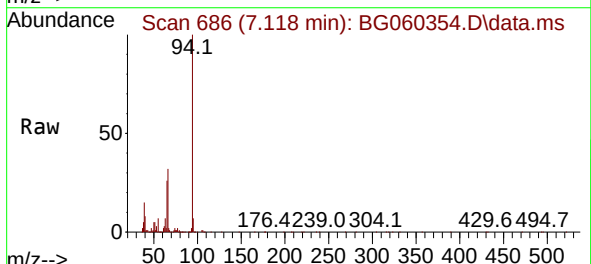
Tgt Ion: 77 Resp: 675290
Ion Ratio Lower Upper
77 100
105 98.4 73.6 113.6
106 89.1 66.2 106.2

Manual Integrations
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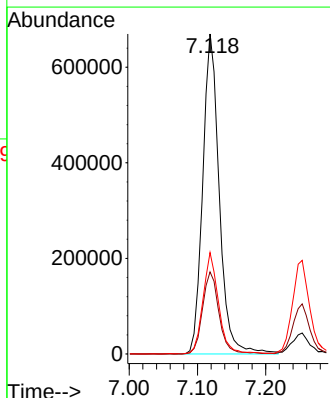
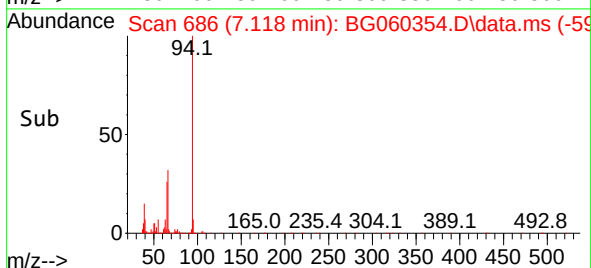
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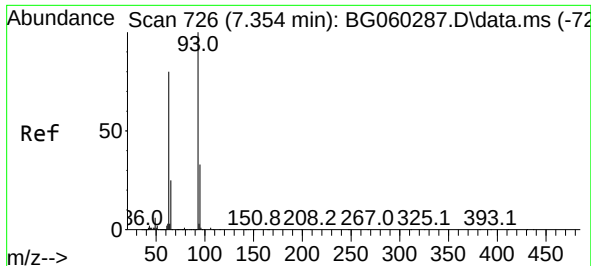


#10
Phenol
Concen: 62.991 ng
RT: 7.118 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



Tgt Ion: 94 Resp: 1131767
Ion Ratio Lower Upper
94 100
65 25.7 6.7 46.7
66 31.7 10.6 50.6





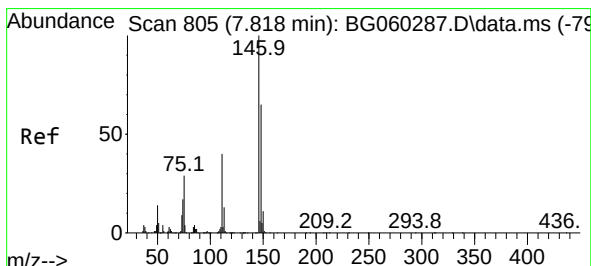
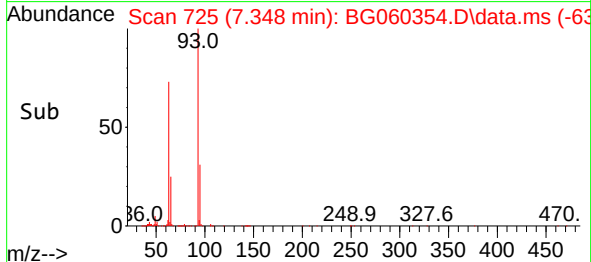
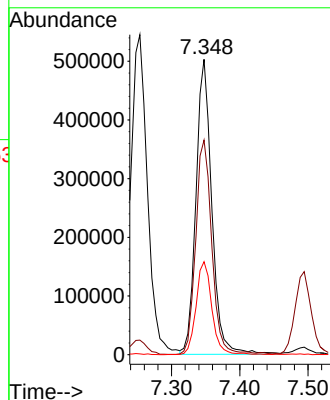
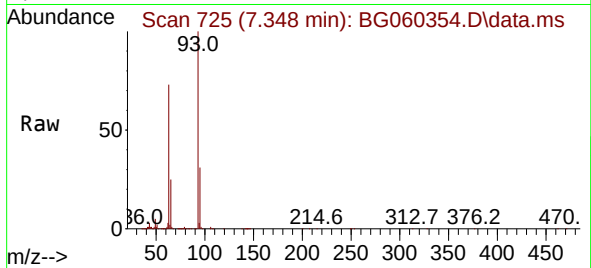
#11
bis(2-Chloroethyl)ether
Concen: 55.346 ng
RT: 7.348 min Scan# 726
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :
BNA_G
ClientSampleId :
SP6400

Tgt Ion: 93 Resp: 810300
Ion Ratio Lower Upper
93 100
63 72.6 59.3 99.3
95 31.5 12.8 52.8

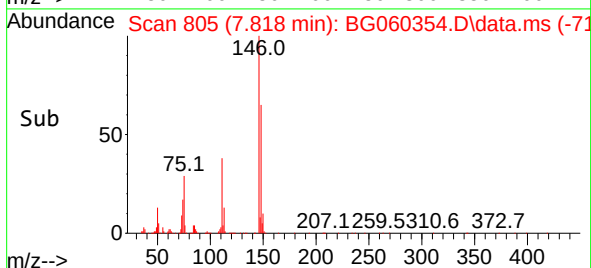
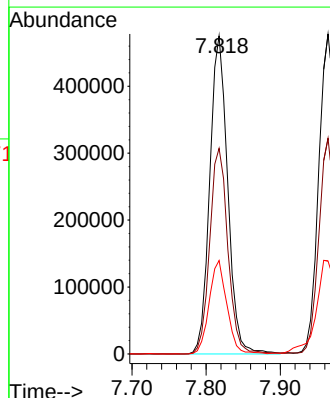
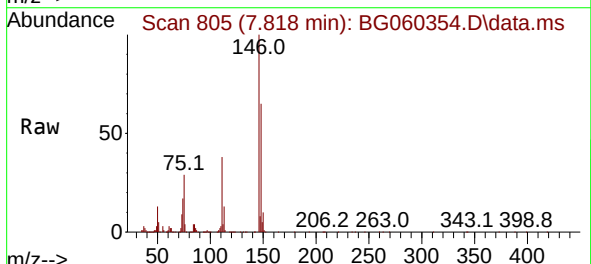
Manual Integrations
APPROVED

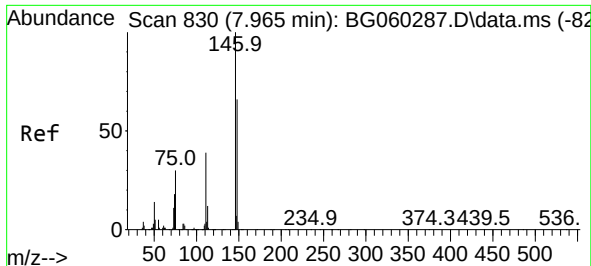
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#12
1,3-Dichlorobenzene
Concen: 53.028 ng
RT: 7.818 min Scan# 805
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

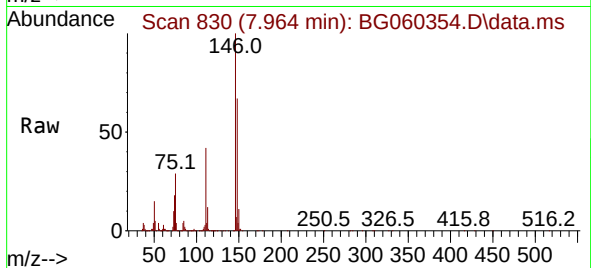
Tgt Ion:146 Resp: 798299
Ion Ratio Lower Upper
146 100
148 64.7 52.3 78.5
75 29.4 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 53.407 ng
RT: 7.964 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

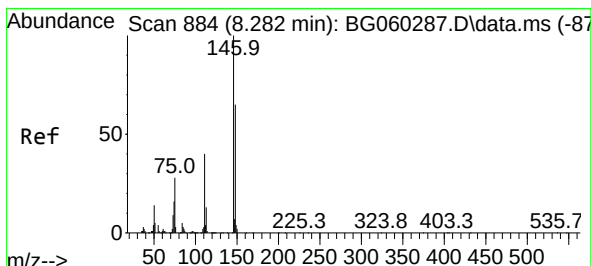
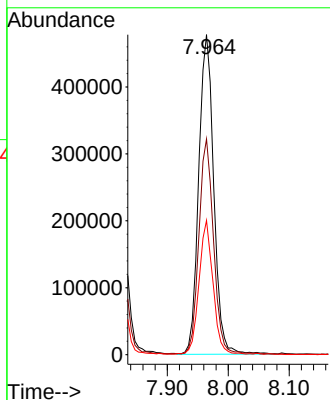
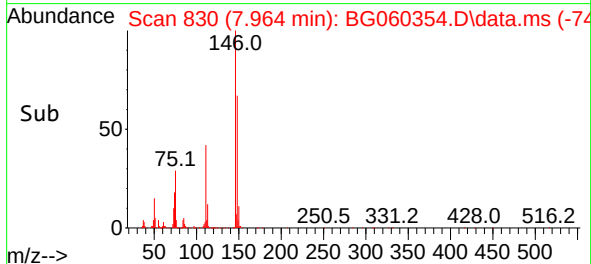
Instrument :
BNA_G
ClientSampleId :
SP6400



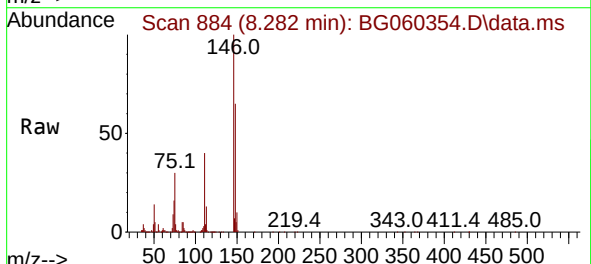
Tgt Ion:146 Resp: 815754
Ion Ratio Lower Upper
146 100
148 67.4 52.7 79.1
111 42.0 31.4 47.0

Manual Integrations
APPROVED

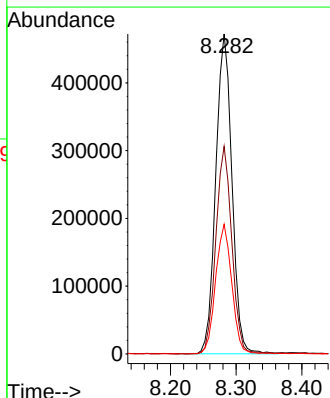
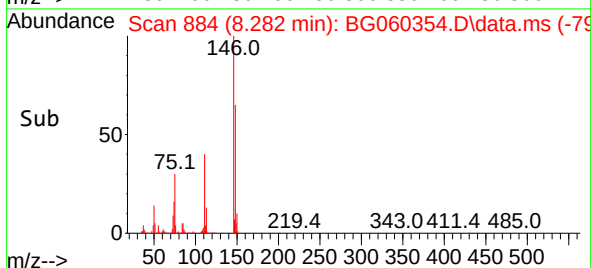
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

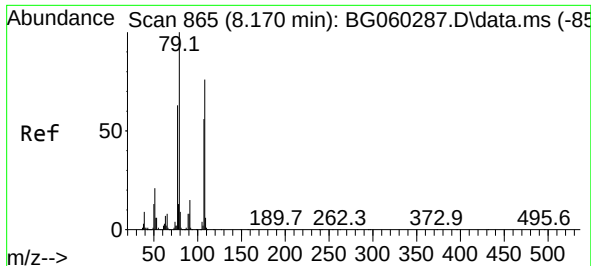


#14
1,2-Dichlorobenzene
Concen: 51.375 ng
RT: 8.282 min Scan# 884
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



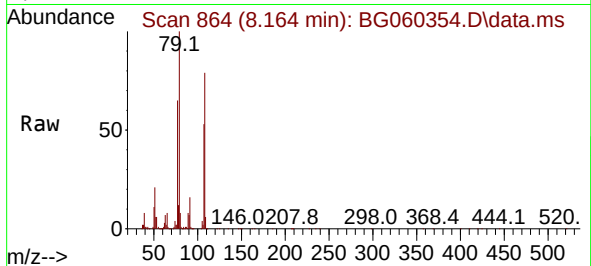
Tgt Ion:146 Resp: 806902
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
111 40.5 32.6 48.8





#15
Benzyl Alcohol
Concen: 61.417 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

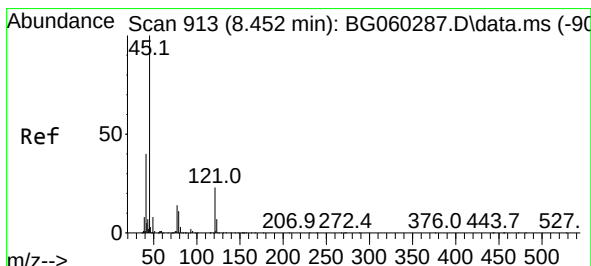
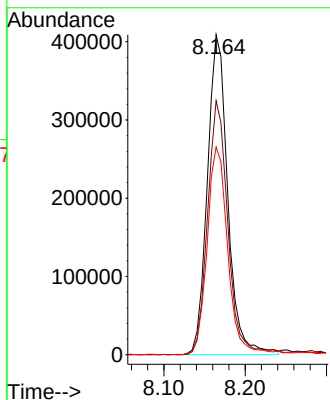
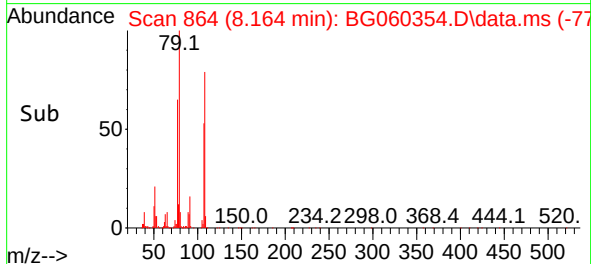
Instrument :
BNA_G
ClientSampleId :
SP6400



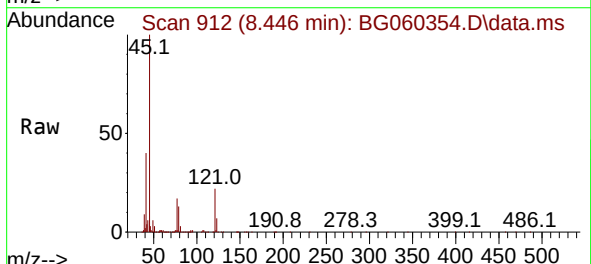
Tgt Ion: 79 Resp: 71243
Ion Ratio Lower Upper
79 100
108 79.3 61.2 91.8
77 64.9 50.3 75.5

Manual Integrations
APPROVED

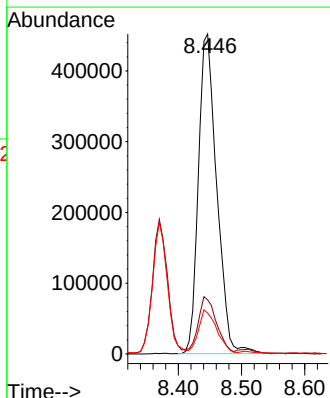
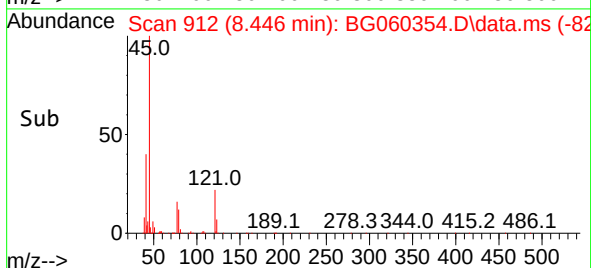
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

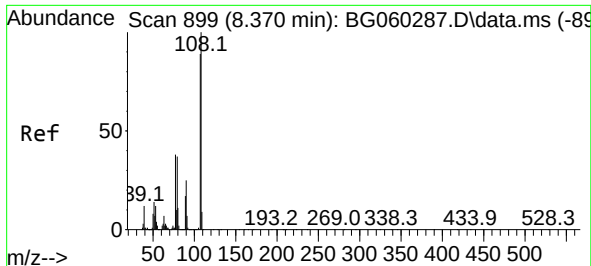


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.269 ng
RT: 8.446 min Scan# 912
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



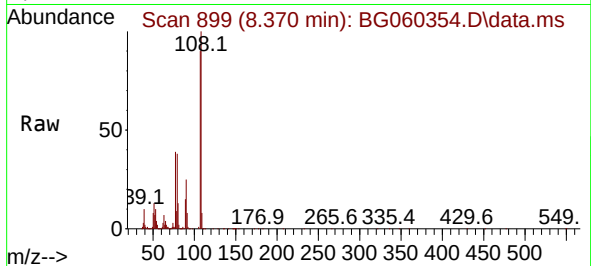
Tgt Ion: 45 Resp: 911049
Ion Ratio Lower Upper
45 100
77 16.9 0.0 37.3
79 12.8 0.0 34.0





#17
2-Methylphenol
Concen: 59.237 ng
RT: 8.370 min Scan# 899
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

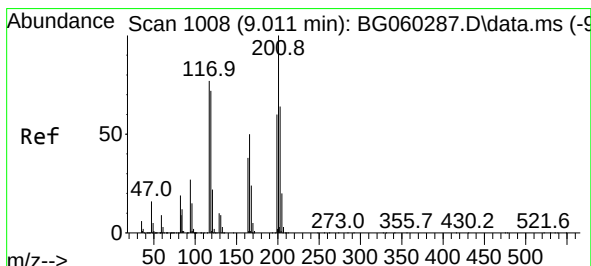
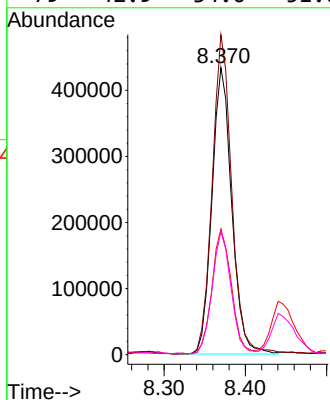
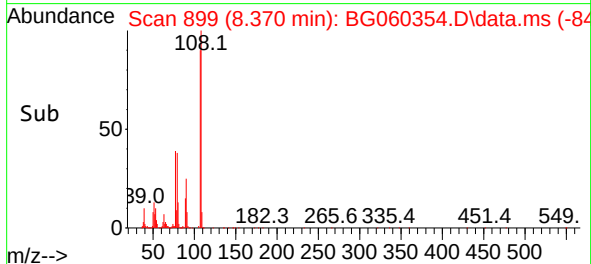
Instrument :
BNA_G
ClientSampleId :
SP6400



Tgt Ion:	107	Resp:	731034
Ion Ratio	Lower	Upper	
107	100		
108	111.5	90.5	135.7
77	43.8	35.0	52.6
79	42.9	34.0	51.0

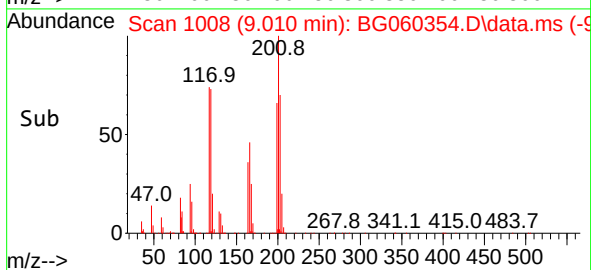
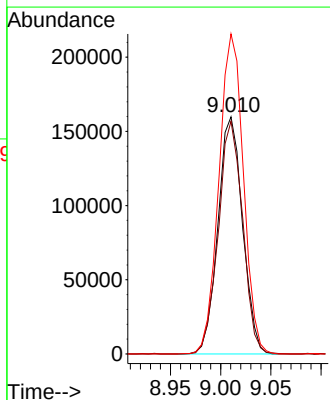
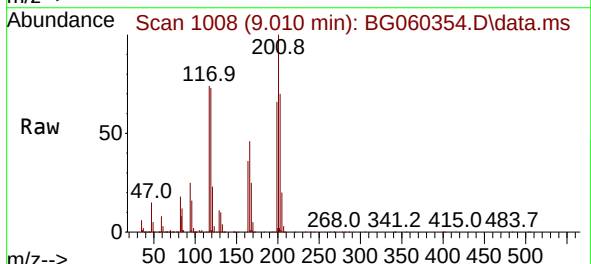
Manual Integrations
APPROVED

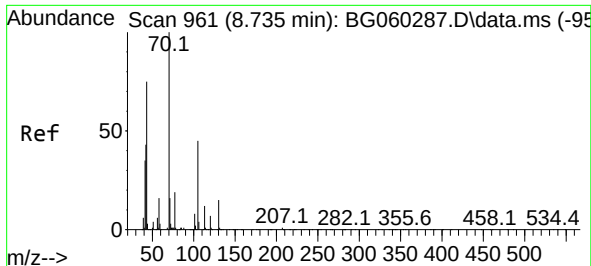
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#18
Hexachloroethane
Concen: 50.836 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

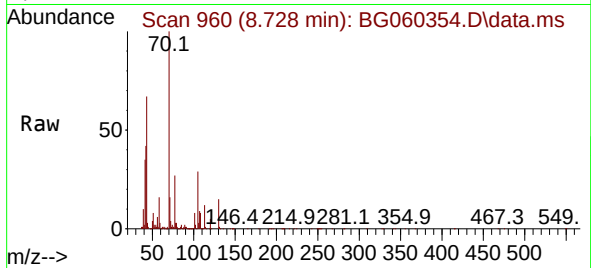
Tgt Ion:	117	Resp:	272245
Ion Ratio	Lower	Upper	
117	100		
119	98.1	74.5	111.7
201	135.0	106.3	159.5





#19
n-Nitroso-di-n-propylamine
Concen: 53.090 ng
RT: 8.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

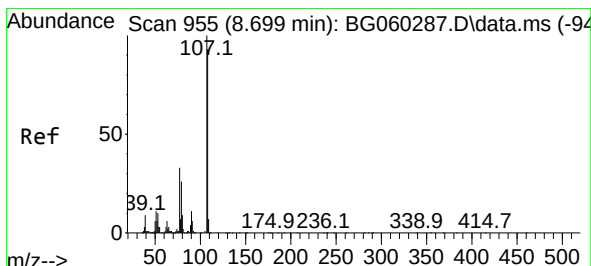
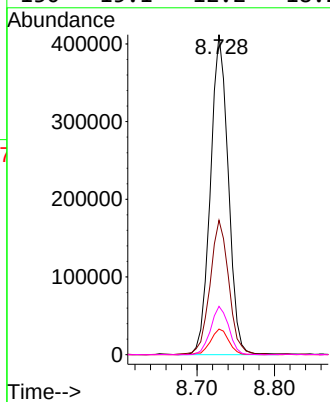
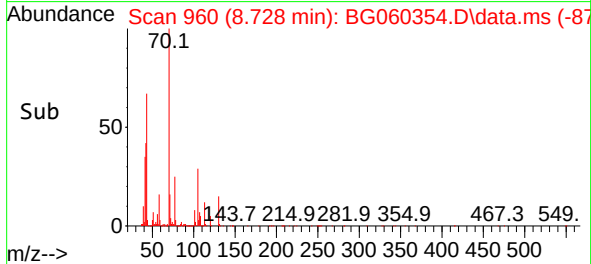
Instrument :
BNA_G
ClientSampleId :
SP6400



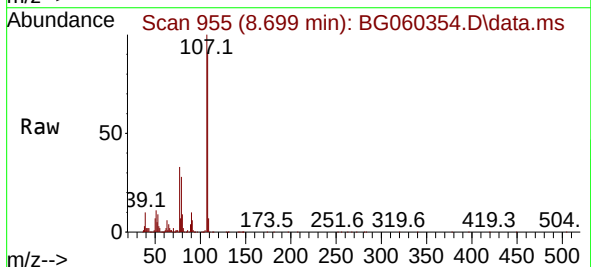
Tgt Ion: 70 Resp: 658460
Ion Ratio Lower Upper
70 100
42 42.0 34.3 51.5
101 8.0 6.2 9.2
130 15.1 12.2 18.2

Manual Integrations
APPROVED

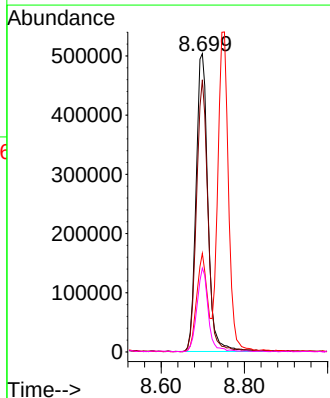
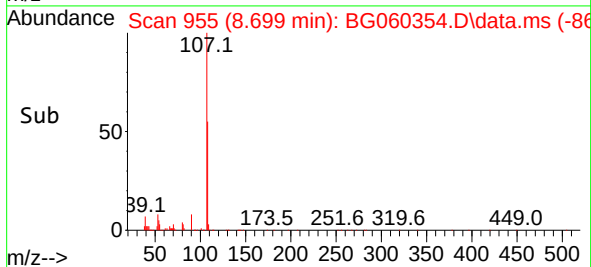
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

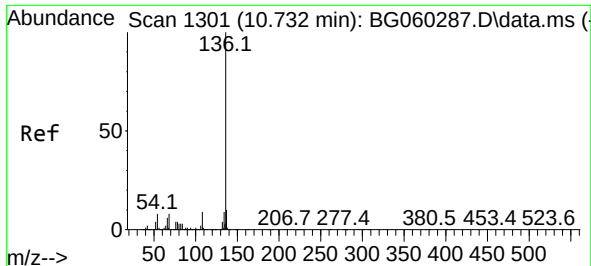


#20
3+4-Methylphenols
Concen: 59.853 ng
RT: 8.699 min Scan# 955
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



Tgt Ion:107 Resp: 995887
Ion Ratio Lower Upper
107 100
108 91.3 72.5 112.5
77 33.0 13.0 53.0
79 28.1 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

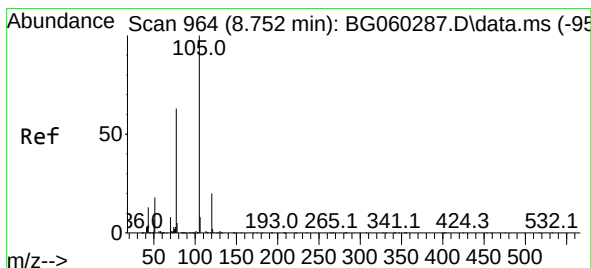
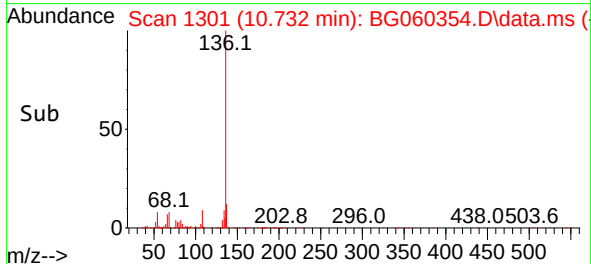
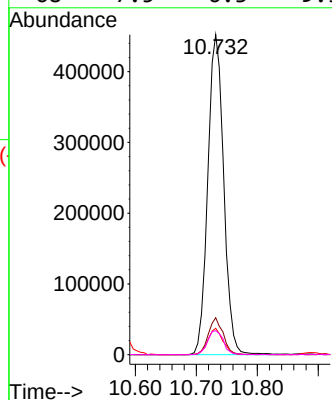
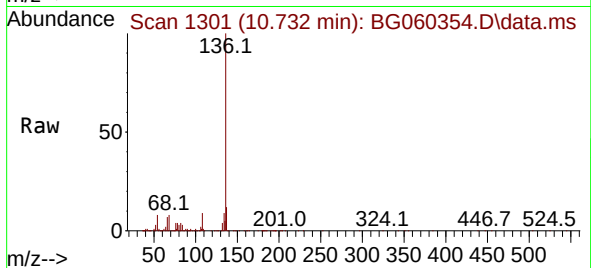
SP6400

Tgt Ion:136 Resp: 82042
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.4
54 8.3 6.2 9.2
68 7.5 6.3 9.5

Manual Integrations

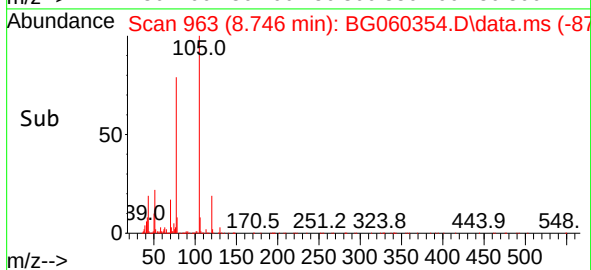
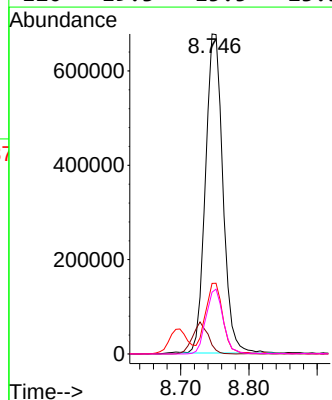
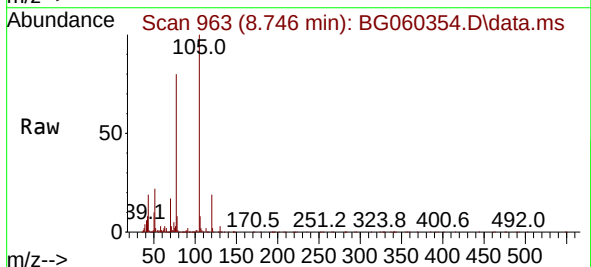
APPROVED

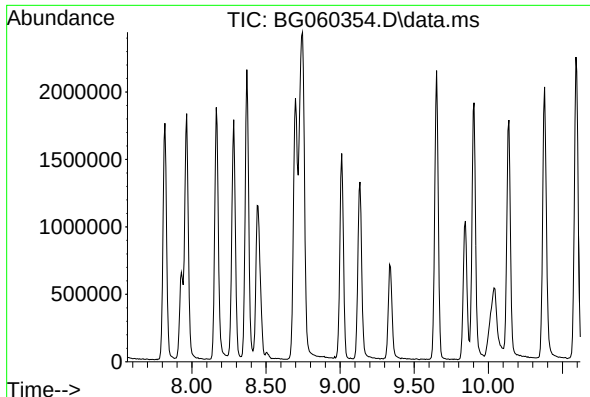
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#22
Acetophenone
Concen: 53.396 ng
RT: 8.746 min Scan# 963
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Tgt Ion:105 Resp: 1204180
Ion Ratio Lower Upper
105 100
71 2.8 1.7 2.5#
51 22.0 18.2 27.2
120 19.3 15.5 23.3





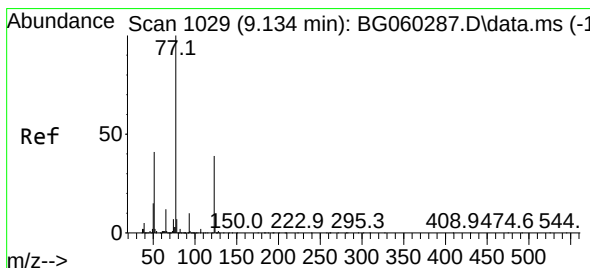
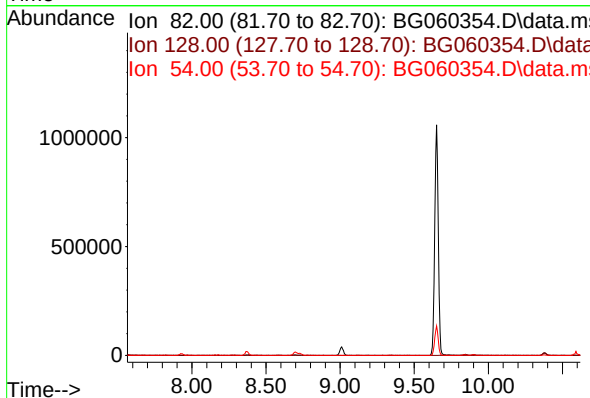
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.09 min
 Lab File: BG060354.D
 Acq: 18 Jan 2024 16:04

Instrument :
 BNA_G
 ClientSampleId :
 SP6400

Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 37.0
 54 42.0

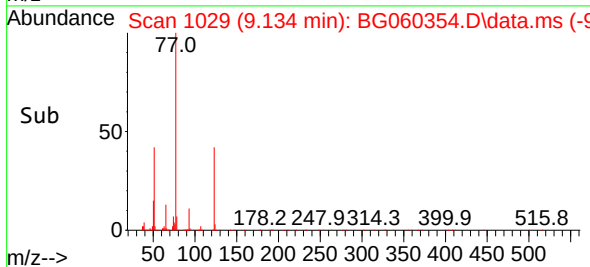
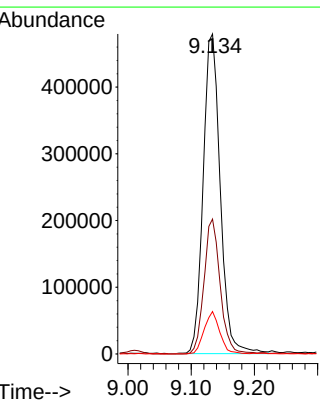
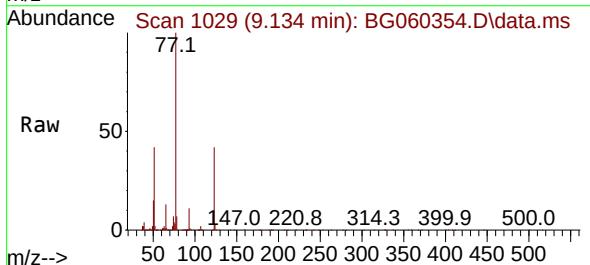
Manual Integrations
 APPROVED

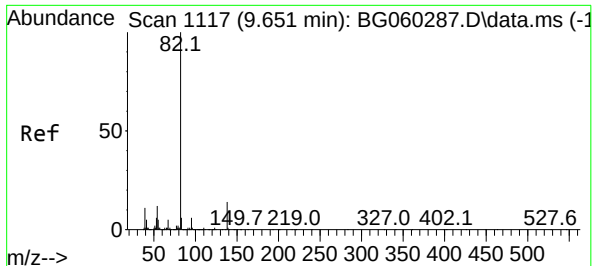
Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024



#24
 Nitrobenzene
 Concen: 49.924 ng
 RT: 9.134 min Scan# 1029
 Delta R.T. -0.000 min
 Lab File: BG060354.D
 Acq: 18 Jan 2024 16:04

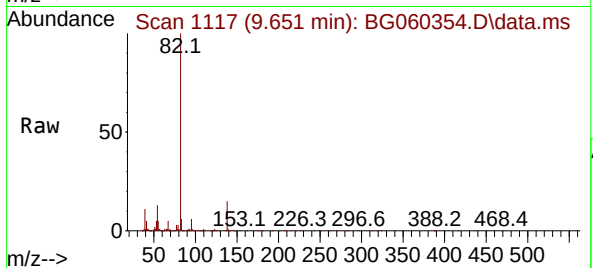
Tgt Ion: 77 Resp: 899187
 Ion Ratio Lower Upper
 77 100
 123 42.1 31.4 47.0
 65 13.2 9.6 14.4





#25
Isophorone
Concen: 50.745 ng
RT: 9.651 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

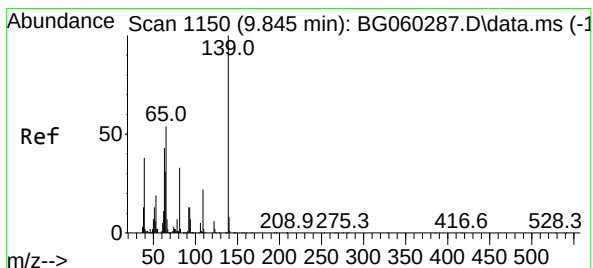
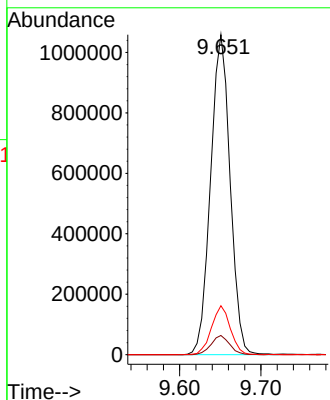
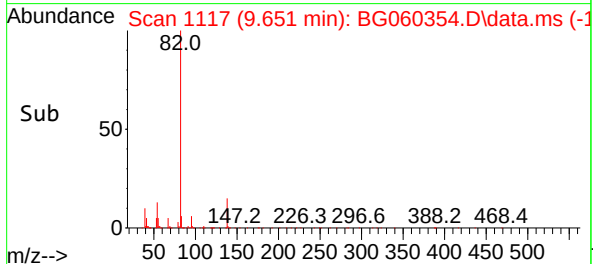
Instrument :
BNA_G
ClientSampleId :
SP6400



Tgt Ion: 82 Resp: 1770570
Ion Ratio Lower Upper
82 100
95 6.0 4.7 7.1
138 15.3 11.1 16.7

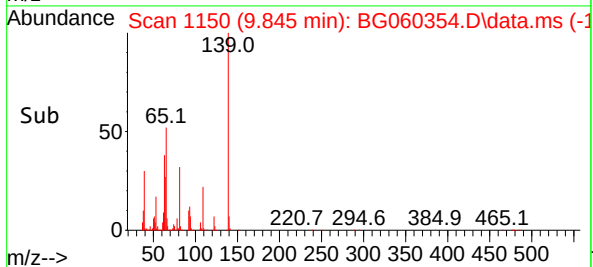
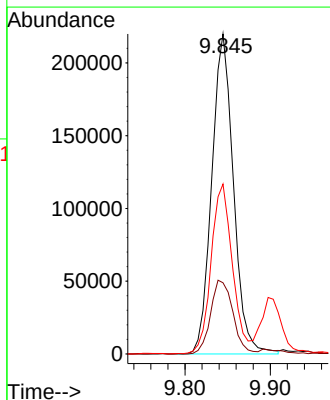
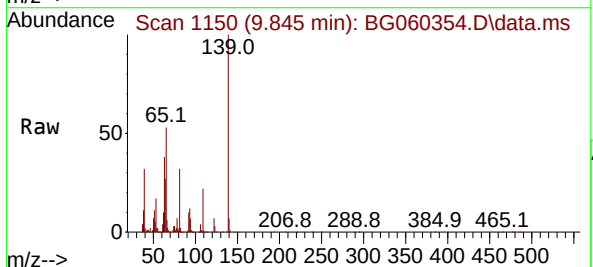
Manual Integrations
APPROVED

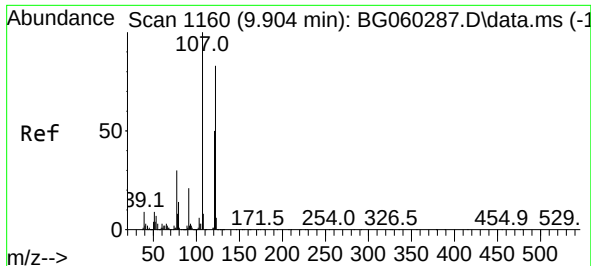
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#26
2-Nitrophenol
Concen: 58.733 ng
RT: 9.845 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Tgt Ion:139 Resp: 388945
Ion Ratio Lower Upper
139 100
109 22.2 17.6 26.4
65 53.1 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 68.807 ng

RT: 9.903 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

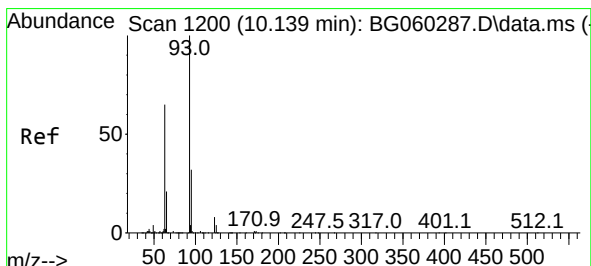
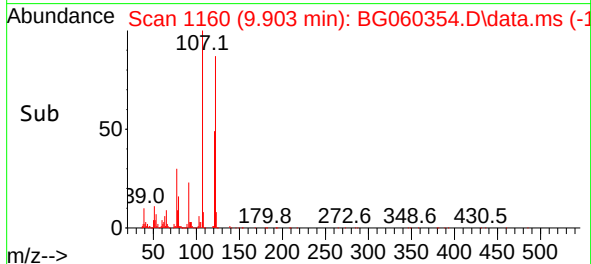
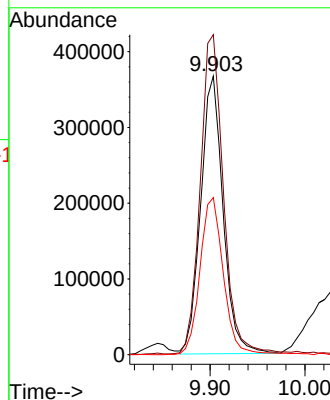
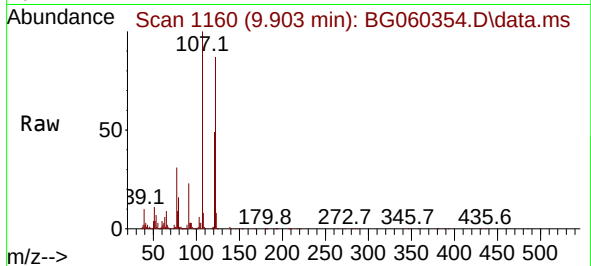
SP6400

Tgt Ion:	122	Resp:	602100
Ion	Ratio	Lower	Upper
122	100		
107	114.9	95.4	143.0
121	56.4	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: 53.613 ng

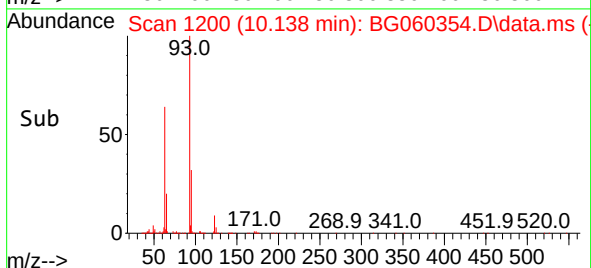
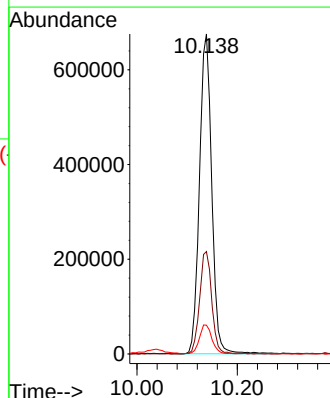
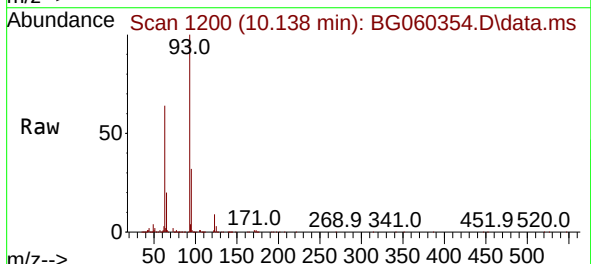
RT: 10.138 min Scan# 1200

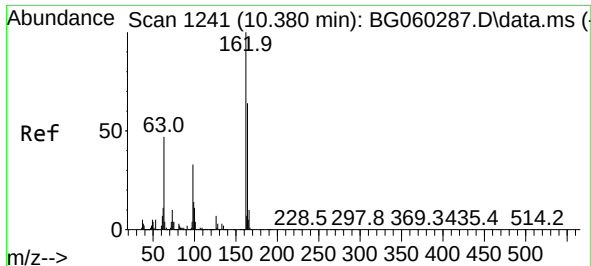
Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Tgt Ion:	93	Resp:	1142982
Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.4	38.0
123	9.0	6.7	10.1





#29
2,4-Dichlorophenol
Concen: 59.758 ng
RT: 10.379 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

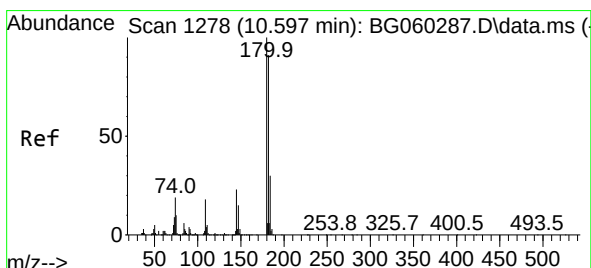
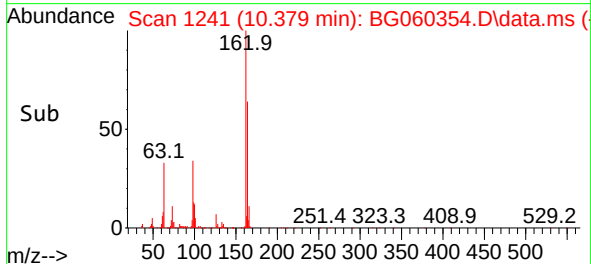
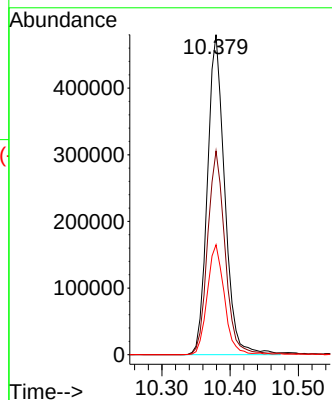
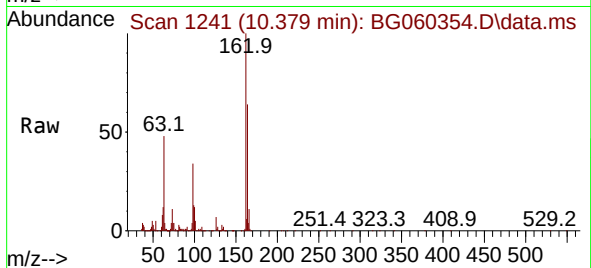
SP6400

Tgt Ion:162 Resp: 847372
Ion Ratio Lower Upper
162 100
164 63.6 44.3 84.3
98 34.4 13.4 53.4

Manual Integrations

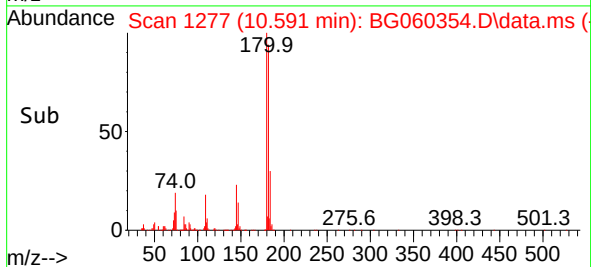
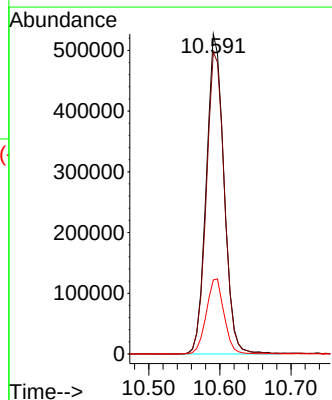
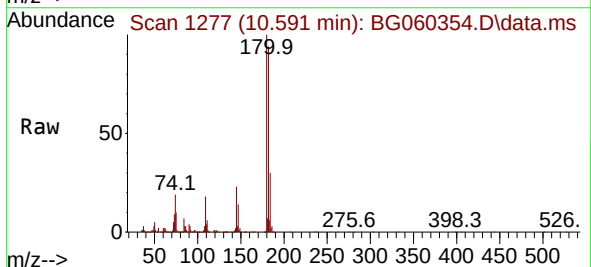
APPROVED

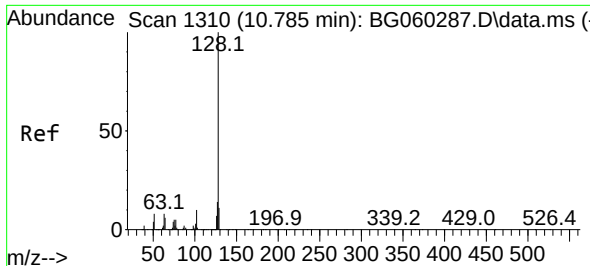
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 51.594 ng
RT: 10.591 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

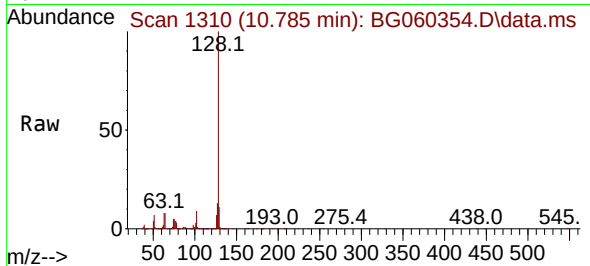
Tgt Ion:180 Resp: 910202
Ion Ratio Lower Upper
180 100
182 94.4 72.7 109.1
145 23.2 18.2 27.2





#31
Naphthalene
Concen: 51.855 ng
RT: 10.785 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

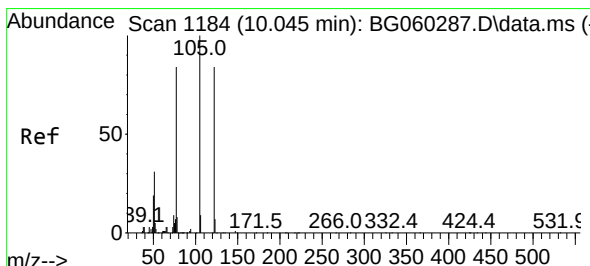
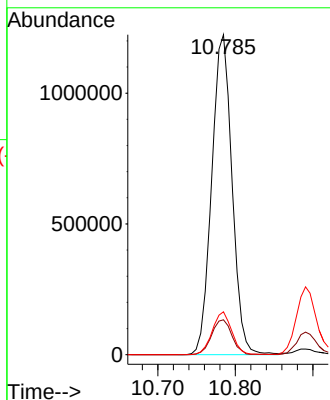
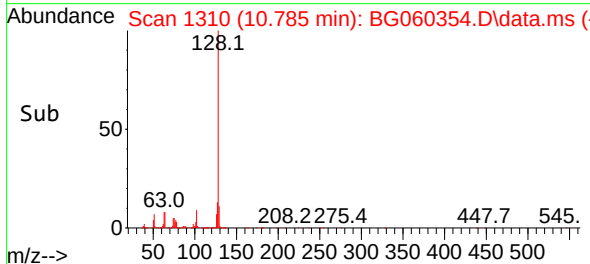
Instrument :
BNA_G
ClientSampleId :
SP6400



Tgt Ion:128 Resp: 223005
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.9 16.3

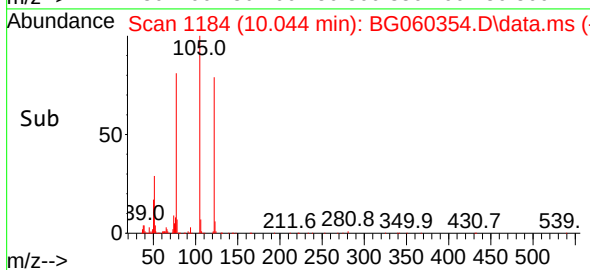
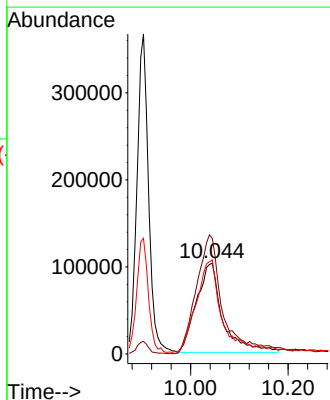
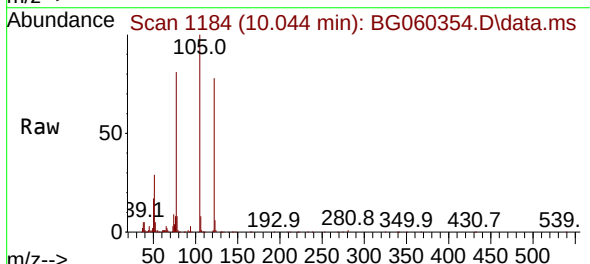
Manual Integrations
APPROVED

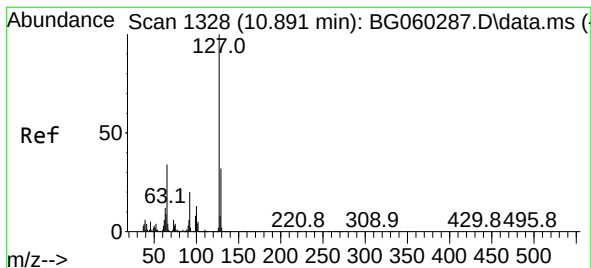
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#32
Benzoic acid
Concen: 49.076 ng
RT: 10.044 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

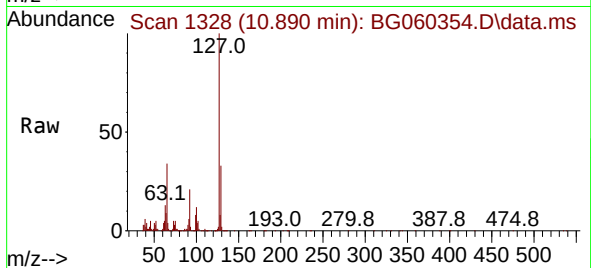
Tgt Ion:122 Resp: 381486
Ion Ratio Lower Upper
122 100
105 127.6 96.0 136.0
77 103.7 80.1 120.1





#33
4-Chloroaniline
Concen: 29.158 ng
RT: 10.890 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

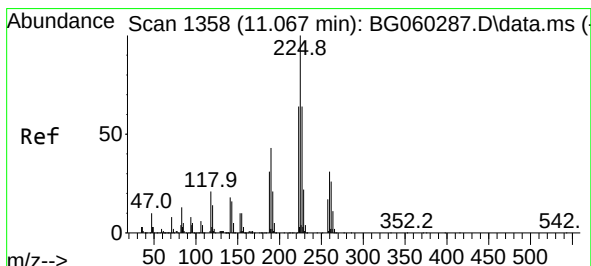
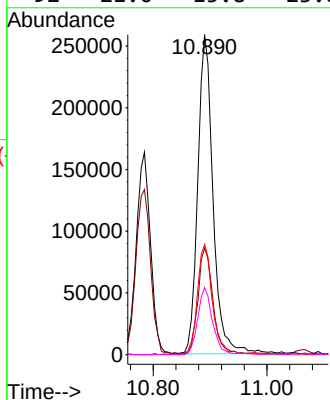
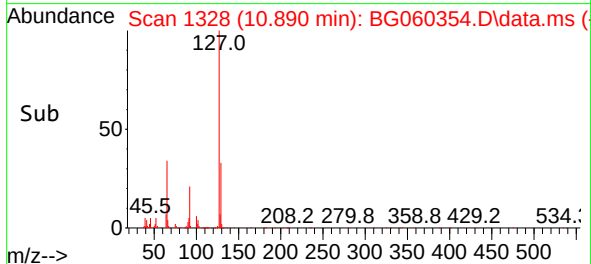
Instrument :
BNA_G
ClientSampleId :
SP6400



Tgt Ion:127 Resp: 48316
Ion Ratio Lower Upper
127 100
129 33.3 25.5 38.3
65 34.5 27.5 41.3
92 21.0 15.8 23.8

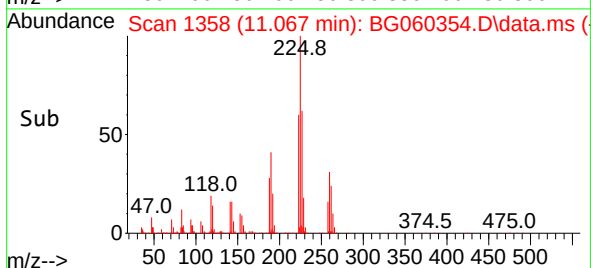
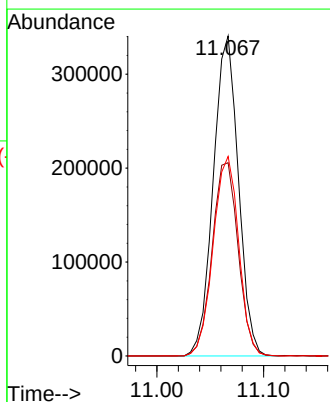
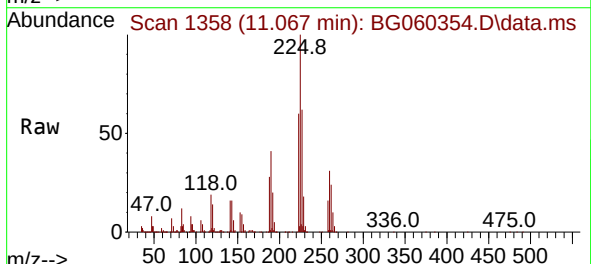
Manual Integrations
APPROVED

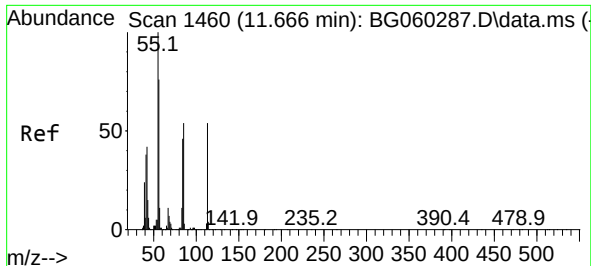
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#34
Hexachlorobutadiene
Concen: 48.397 ng
RT: 11.067 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Tgt Ion:225 Resp: 556186
Ion Ratio Lower Upper
225 100
223 60.4 48.7 73.1
227 62.4 48.7 73.1





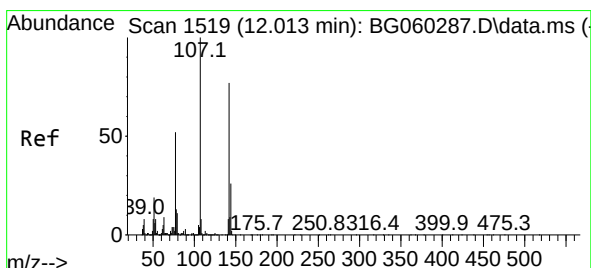
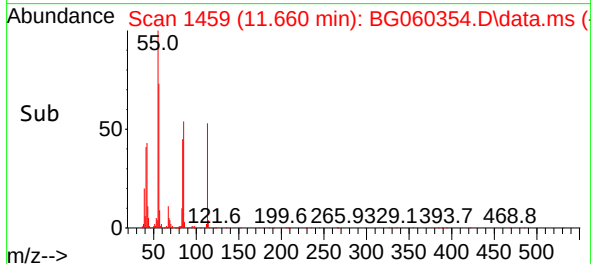
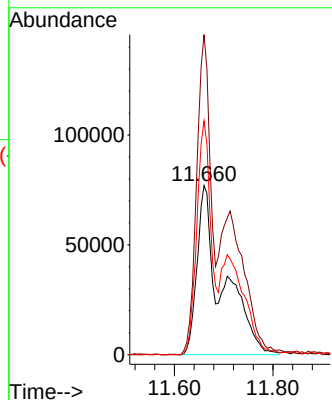
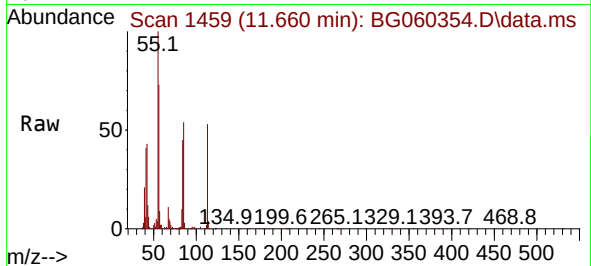
#35
Caprolactam
Concen: 60.747 ng m
RT: 11.660 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :
BNA_G
ClientSampleId :
SP6400

Tgt Ion:113 Resp: 27744
Ion Ratio Lower Upper
113 100
55 189.1 166.4 206.4
56 138.1 121.0 161.0

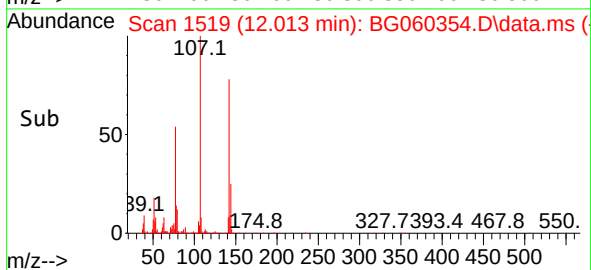
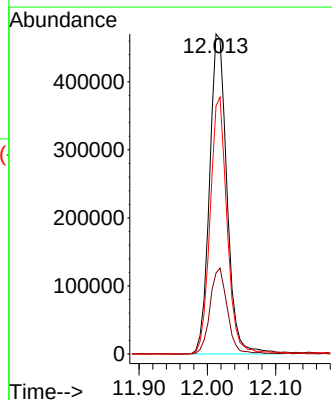
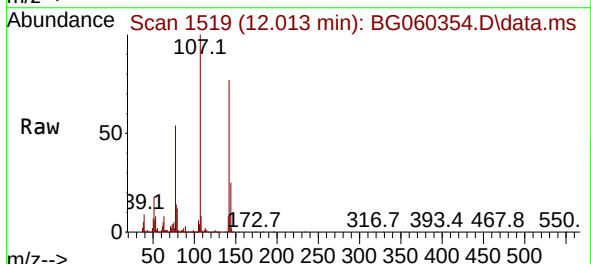
Manual Integrations
APPROVED

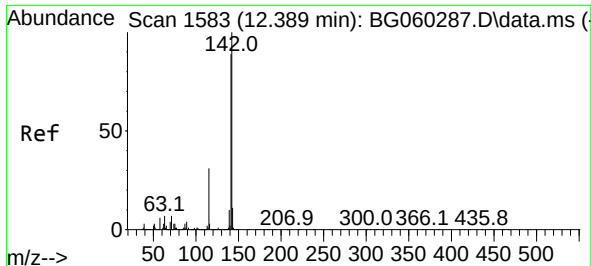
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#36
4-Chloro-3-methylphenol
Concen: 57.911 ng
RT: 12.013 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

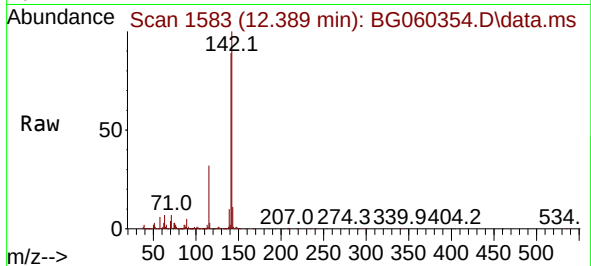
Tgt Ion:107 Resp: 834245
Ion Ratio Lower Upper
107 100
144 25.3 20.6 31.0
142 77.5 61.5 92.3





#37
2-Methylnaphthalene
Concen: 51.667 ng
RT: 12.389 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

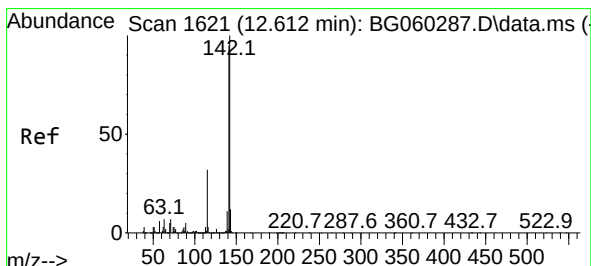
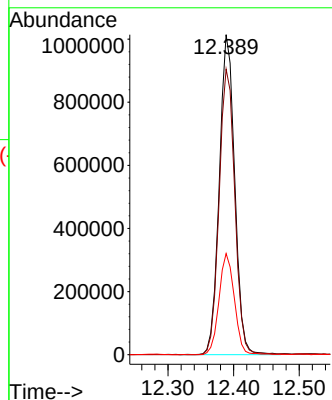
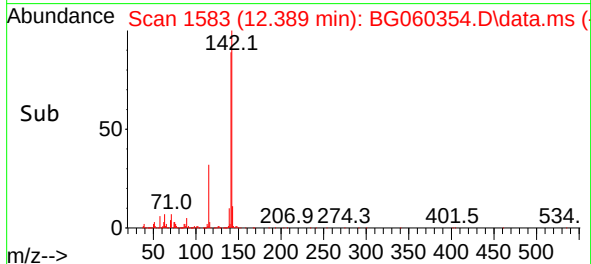
Instrument :
BNA_G
ClientSampleId :
SP6400



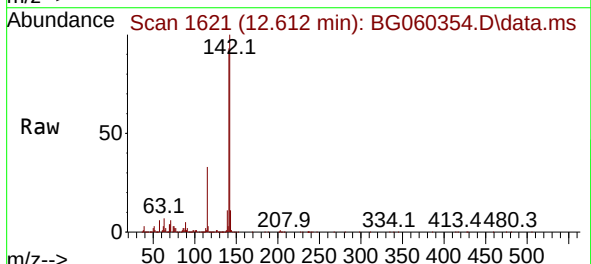
Tgt Ion:142 Resp: 1647940
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.4
115 31.6 24.7 37.1

Manual Integrations
APPROVED

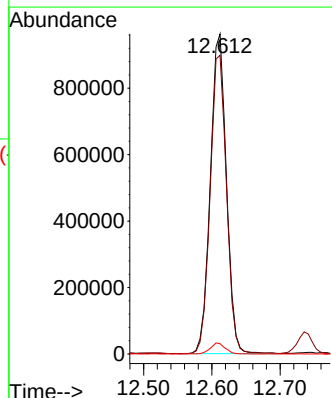
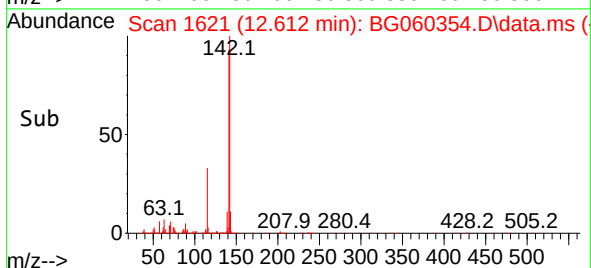
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

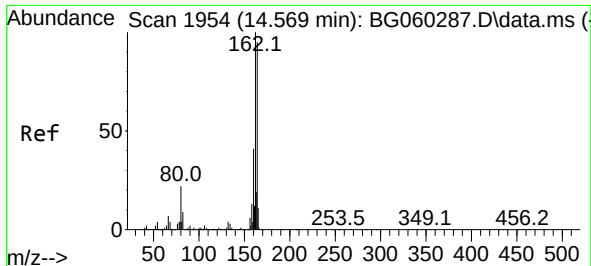


#38
1-Methylnaphthalene
Concen: 49.341 ng
RT: 12.612 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



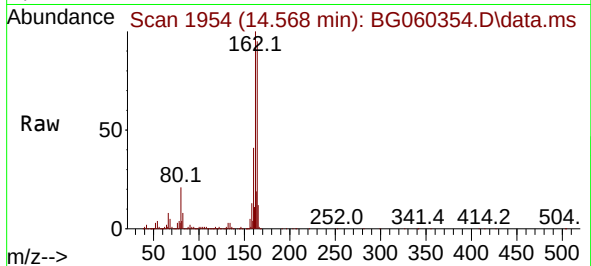
Tgt Ion:142 Resp: 1580309
Ion Ratio Lower Upper
142 100
141 93.4 76.2 114.2
116 3.2 2.6 3.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

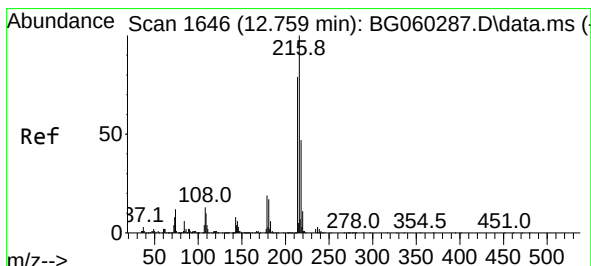
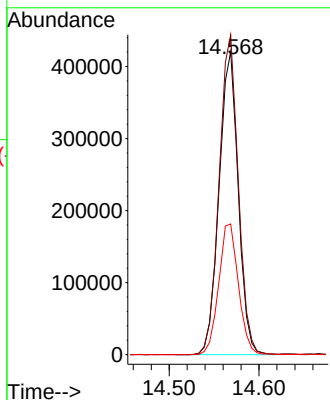
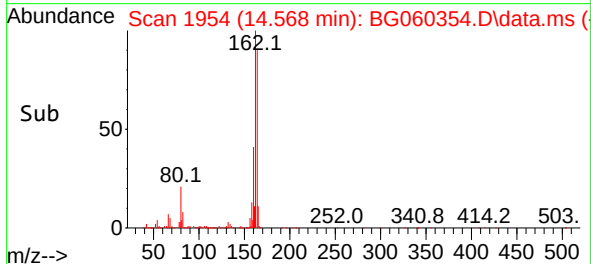
Instrument :
BNA_G
ClientSampleId :
SP6400



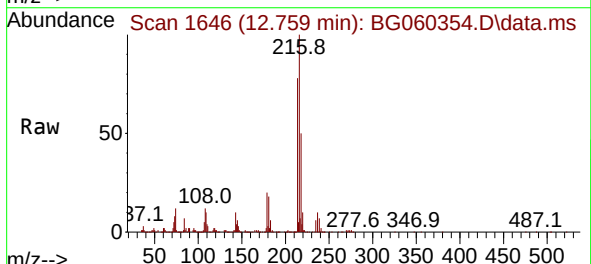
Tgt Ion:164 Resp: 62133
Ion Ratio Lower Upper
164 100
162 105.6 84.4 126.6
160 43.1 34.6 52.0

Manual Integrations
APPROVED

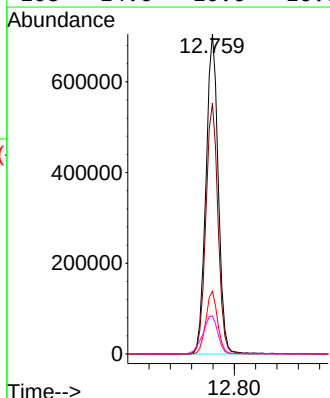
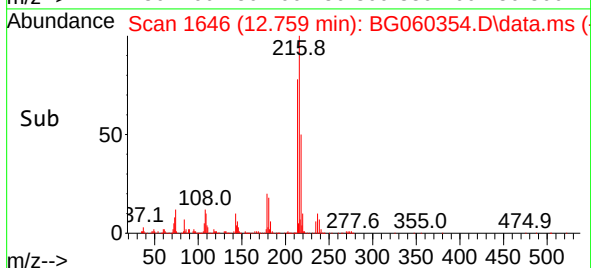
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

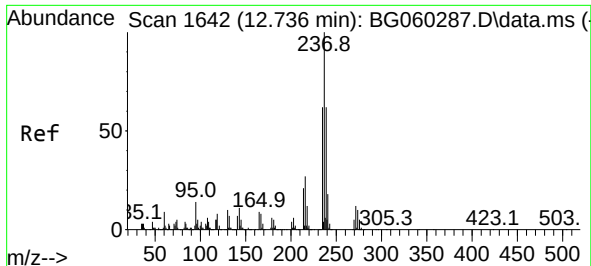


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.136 ng
RT: 12.759 min Scan# 1646
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



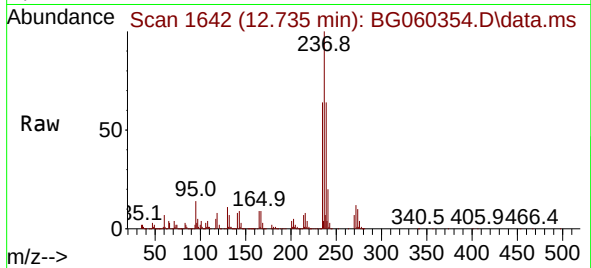
Tgt Ion:216 Resp: 1128418
Ion Ratio Lower Upper
216 100
214 77.6 62.6 93.8
179 18.8 14.8 22.2
108 14.6 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 169.133 ng
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

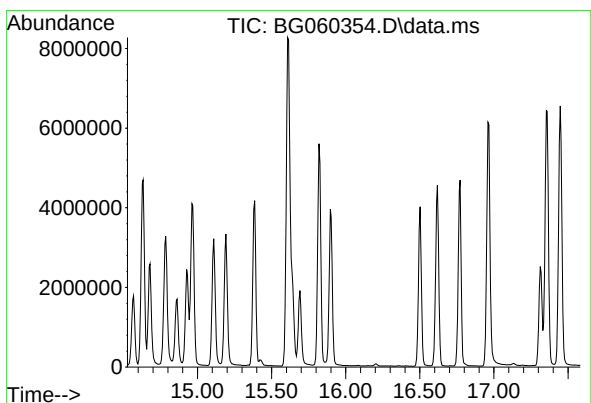
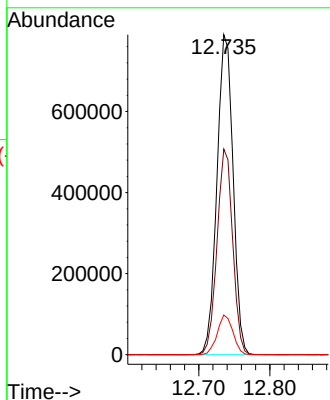
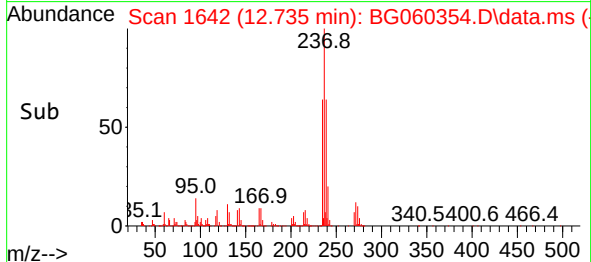
Instrument :
BNA_G
ClientSampleId :
SP6400



Tgt Ion: 237 Resp: 1239129
Ion Ratio Lower Upper
237 100
235 64.2 41.6 81.6
272 12.4 0.0 31.8

Manual Integrations
APPROVED

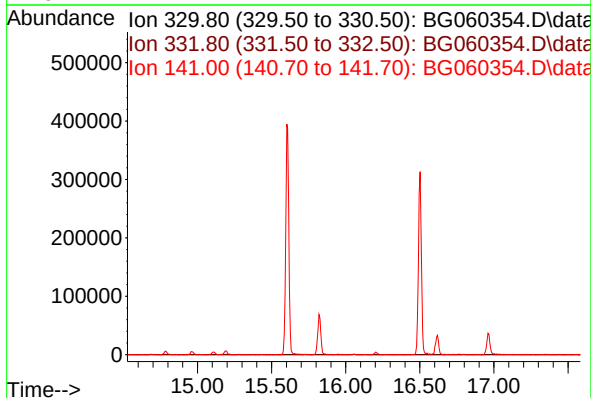
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

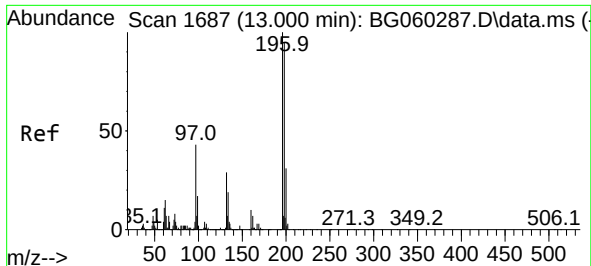


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.06 min

Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

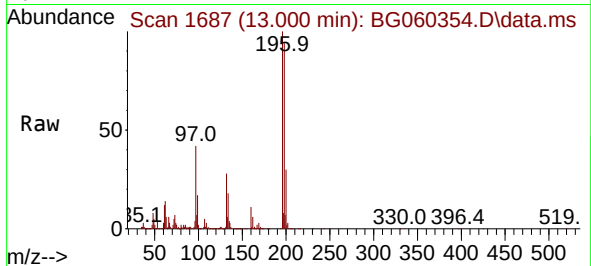
Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.9
141 23.3





#43
2,4,6-Trichlorophenol
Concen: 54.984 ng
RT: 13.000 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

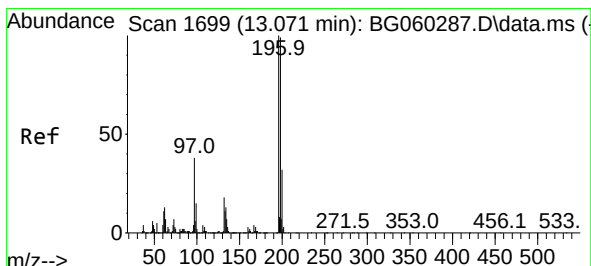
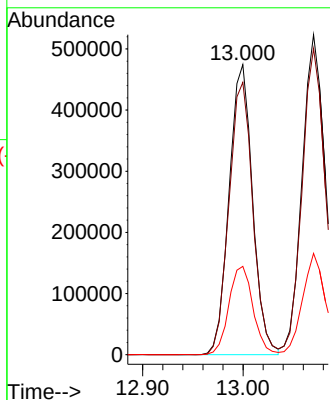
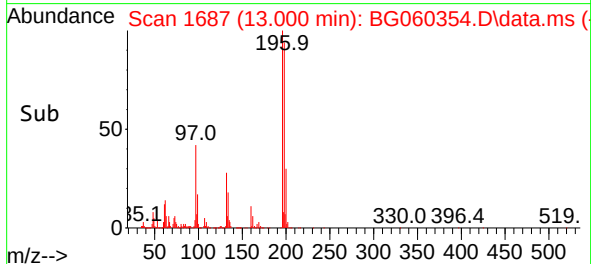
Instrument :
BNA_G
ClientSampleId :
SP6400



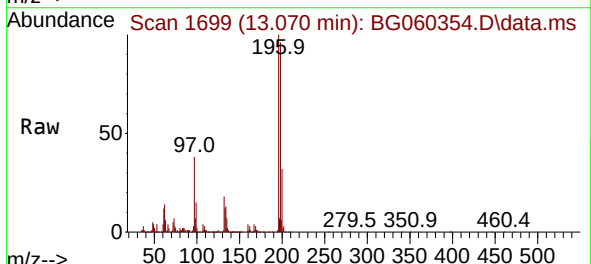
Tgt Ion:196 Resp: 77214
Ion Ratio Lower Upper
196 100
198 93.9 75.7 113.5
200 30.4 24.7 37.1

Manual Integrations
APPROVED

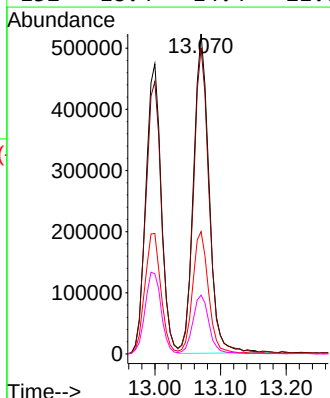
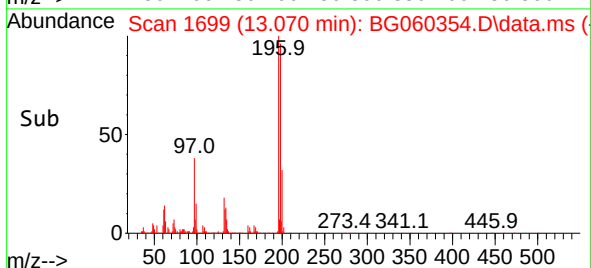
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

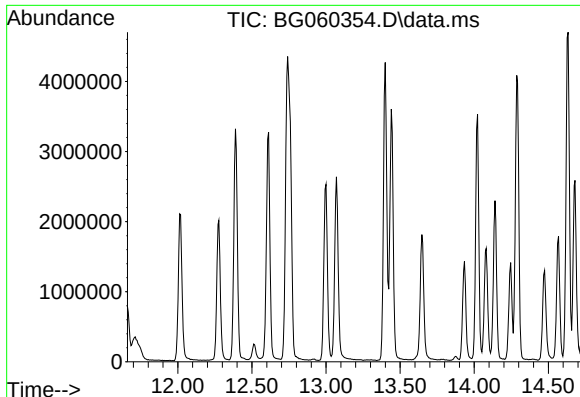


#44
2,4,5-Trichlorophenol
Concen: 55.586 ng
RT: 13.070 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



Tgt Ion:196 Resp: 860994
Ion Ratio Lower Upper
196 100
198 95.7 78.6 118.0
97 38.2 30.6 46.0
132 18.4 14.4 21.6





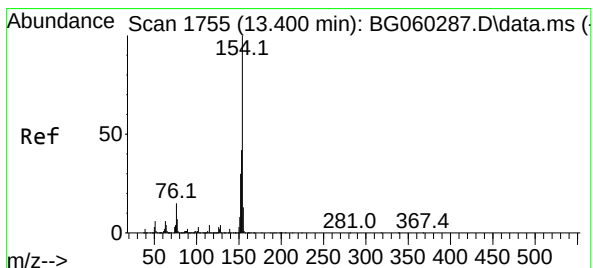
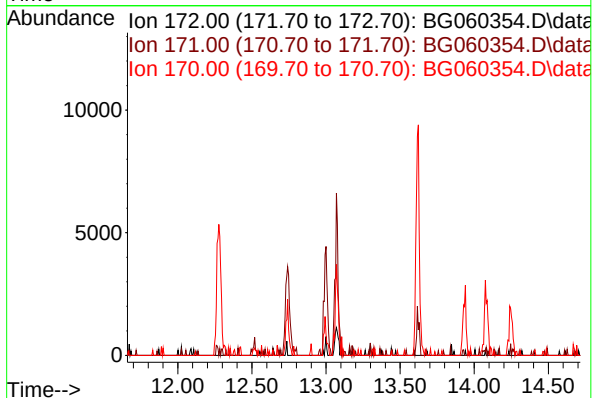
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.19 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :
BNA_G
ClientSampleId :
SP6400

Tgt Ion: 172
Sig Exp Ratio
172 100
171 43.2
170 30.5

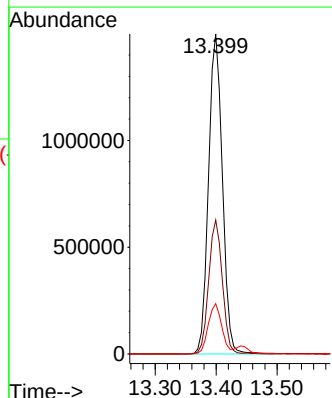
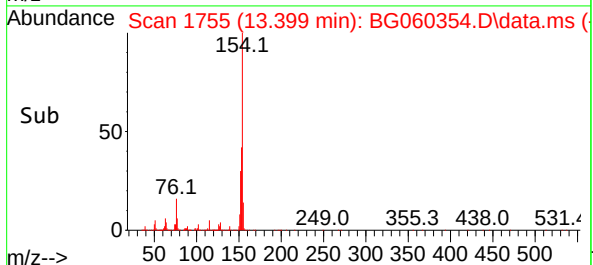
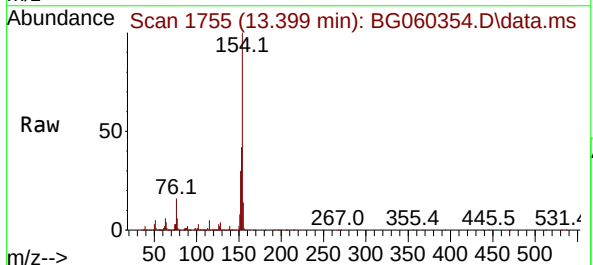
Manual Integrations
APPROVED

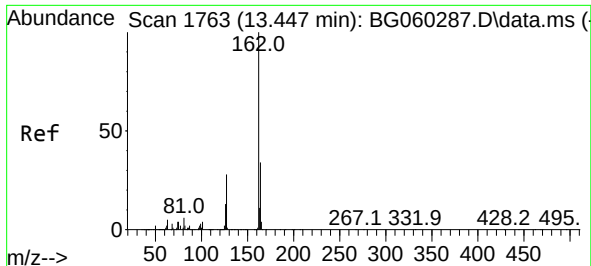
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#46
1,1'-Biphenyl
Concen: 50.585 ng
RT: 13.399 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

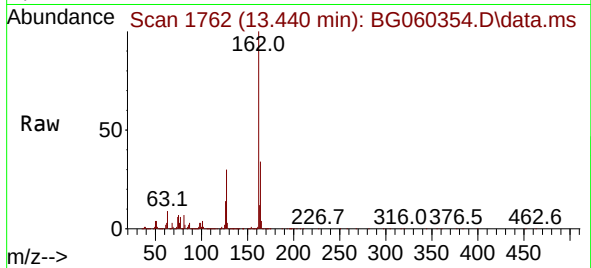
Tgt Ion:154 Resp: 2372461
Ion Ratio Lower Upper
154 100
153 41.8 22.0 62.0
76 15.7 0.0 35.2





#47
2-Chloronaphthalene
Concen: 49.843 ng
RT: 13.440 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

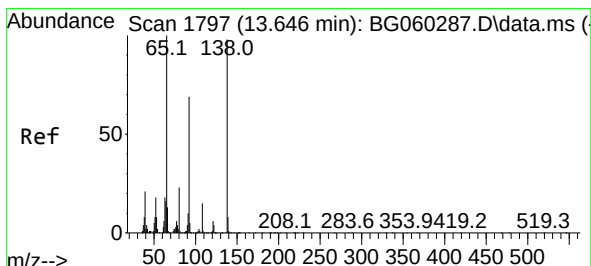
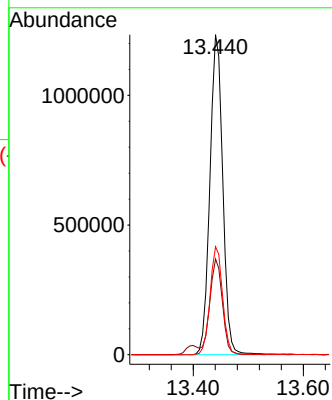
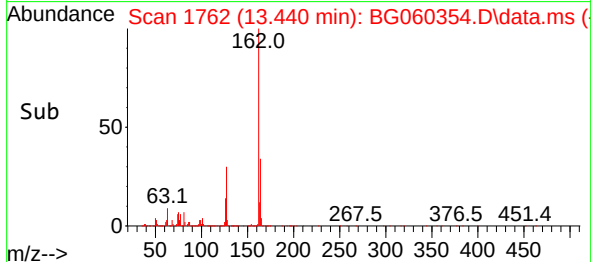
Instrument :
BNA_G
ClientSampleId :
SP6400



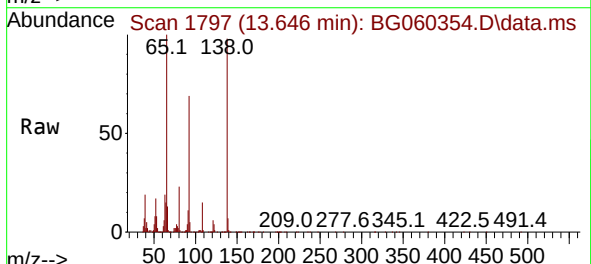
Tgt Ion:162 Resp: 200267
Ion Ratio Lower Upper
162 100
127 29.9 23.5 35.3
164 33.7 26.9 40.3

Manual Integrations
APPROVED

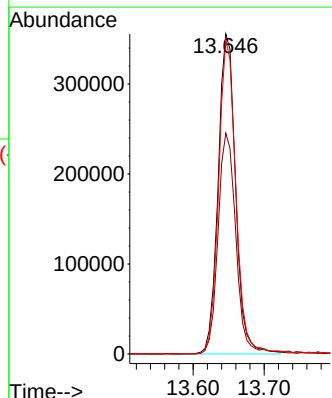
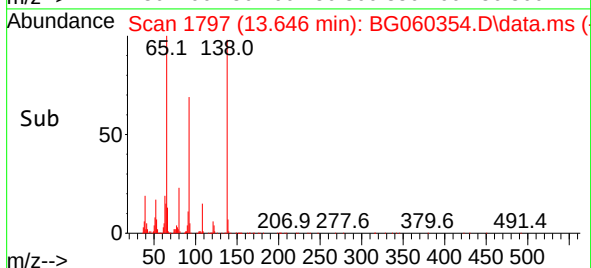
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

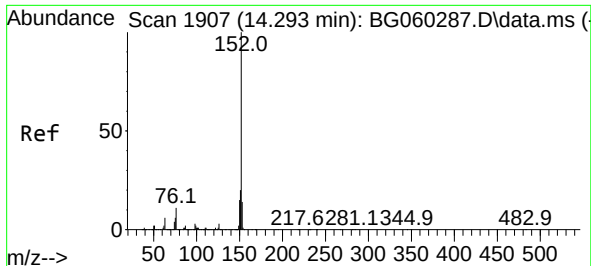


#48
2-Nitroaniline
Concen: 60.639 ng
RT: 13.646 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



Tgt Ion: 65 Resp: 606761
Ion Ratio Lower Upper
65 100
92 69.0 55.0 82.6
138 98.1 78.1 117.1





#49
Acenaphthylene
Concen: 57.480 ng
RT: 14.286 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

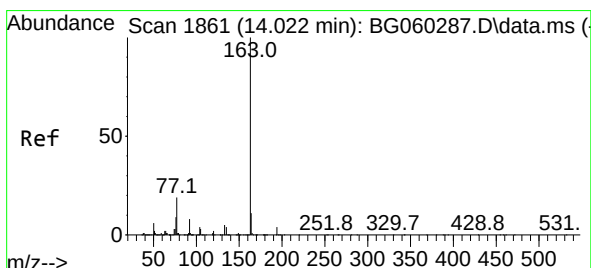
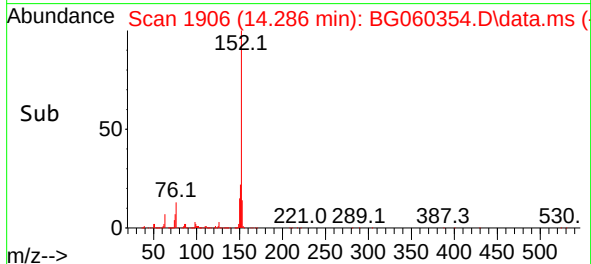
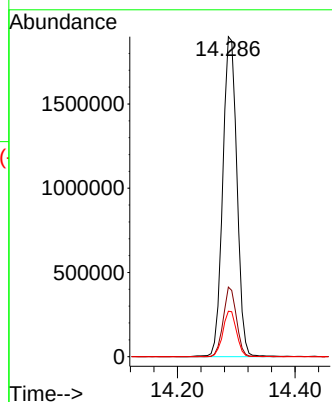
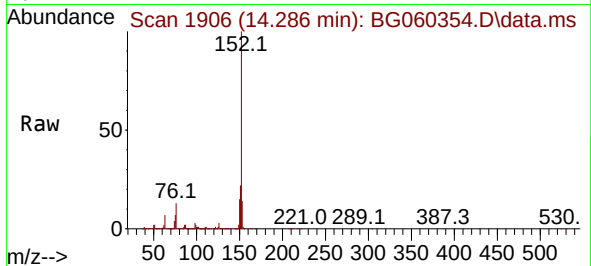
SP6400

Tgt Ion:152 Resp: 318033
Ion Ratio Lower Upper
152 100
151 21.7 16.1 24.1
153 14.2 11.5 17.3

Manual Integrations

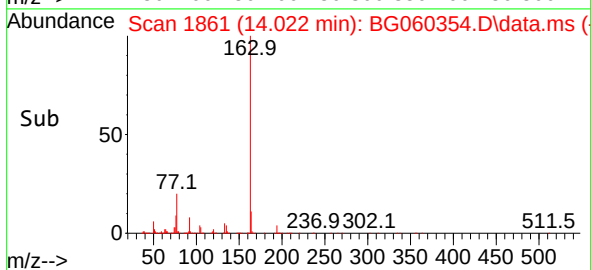
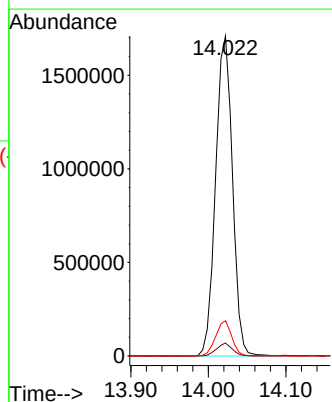
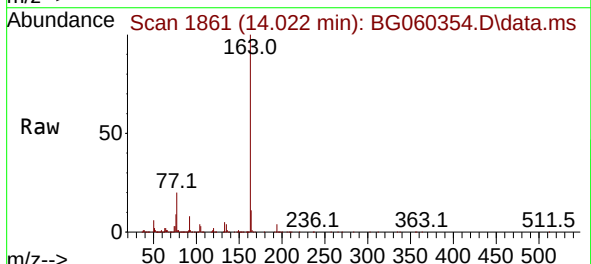
APPROVED

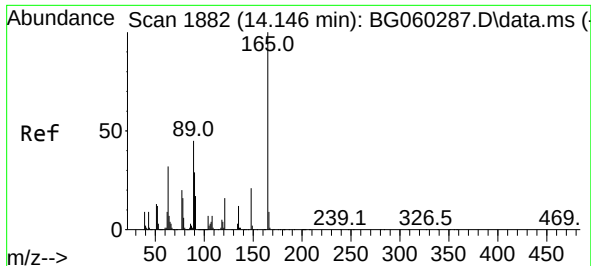
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#50
Dimethylphthalate
Concen: 54.422 ng
RT: 14.022 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Tgt Ion:163 Resp: 2584000
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 11.0 8.8 13.2





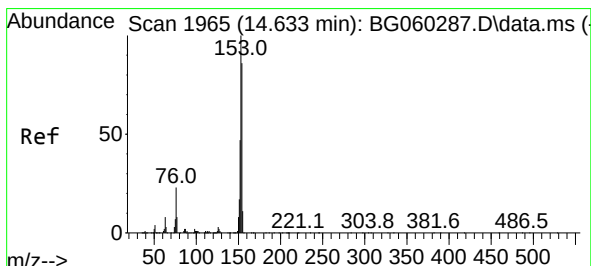
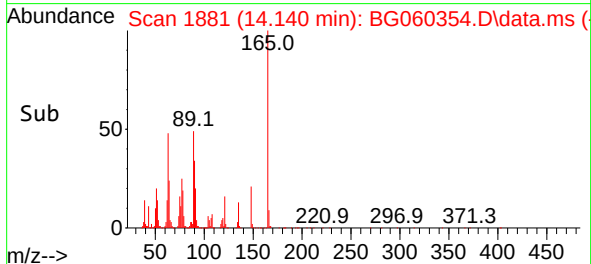
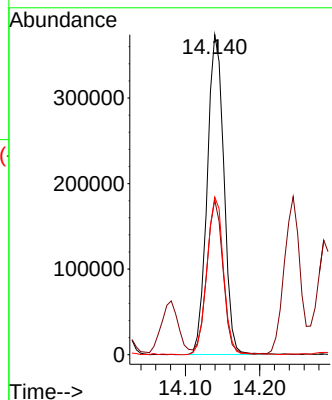
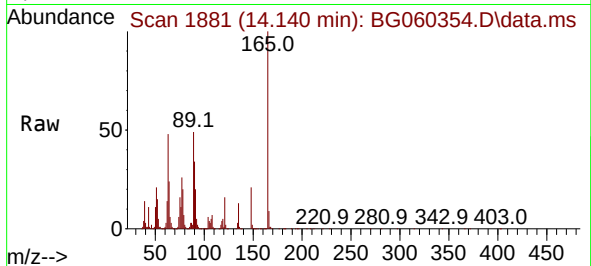
#51
2,6-Dinitrotoluene
Concen: 57.594 ng
RT: 14.140 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :
BNA_G
ClientSampleId :
SP6400

Tgt Ion:165 Resp: 58352
Ion Ratio Lower Upper
165 100
63 48.3 35.0 52.4
89 49.2 36.2 54.2

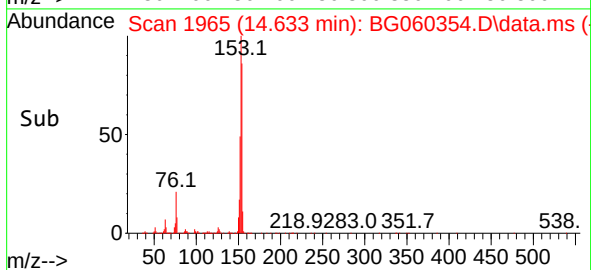
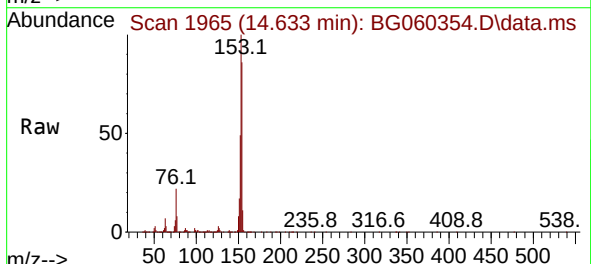
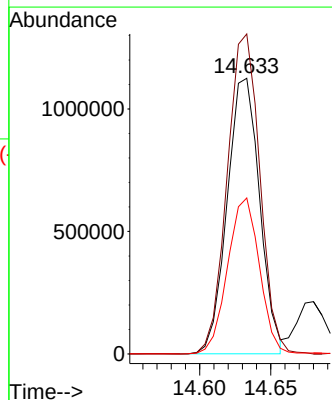
Manual Integrations
APPROVED

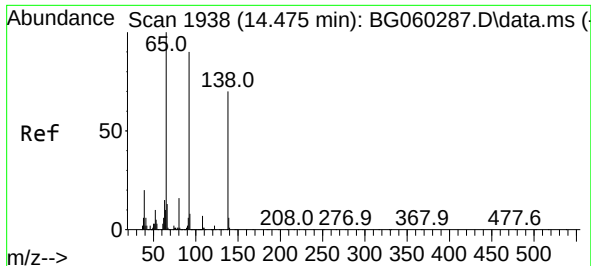
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#52
Acenaphthene
Concen: 51.897 ng
RT: 14.633 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

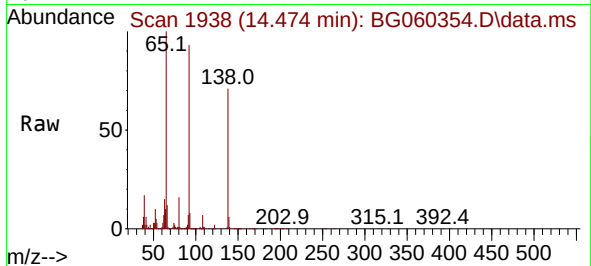
Tgt Ion:154 Resp: 1787971
Ion Ratio Lower Upper
154 100
153 116.1 92.6 138.8
152 56.6 43.8 65.8





#53
3-Nitroaniline
Concen: 39.214 ng
RT: 14.474 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

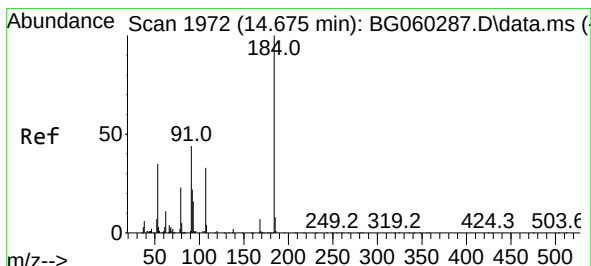
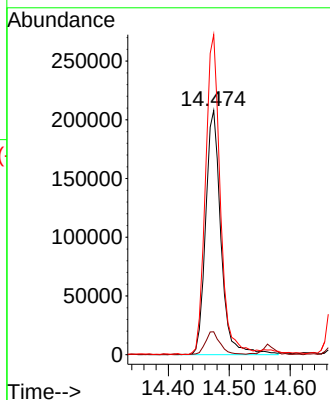
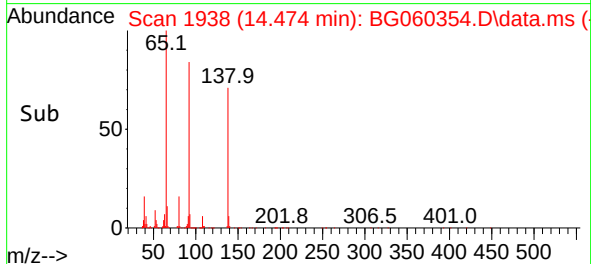
Instrument :
BNA_G
ClientSampleId :
SP6400



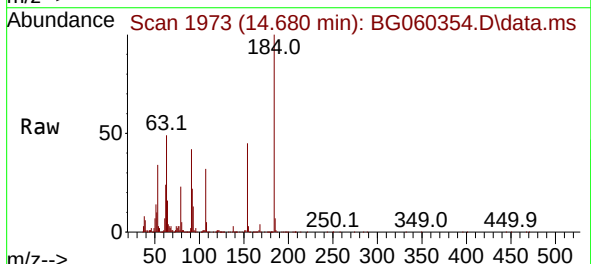
Tgt Ion:138 Resp: 36202
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.8
92 131.1 102.4 153.6

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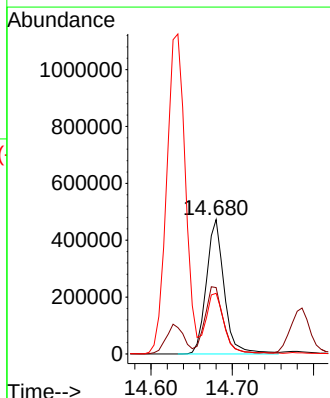
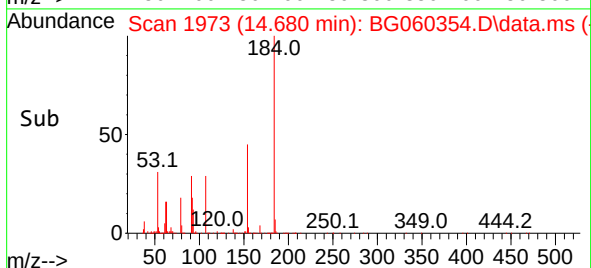
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

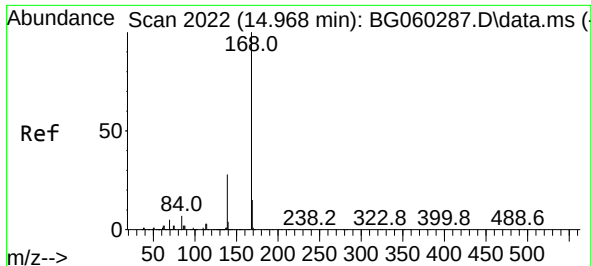


#54
2,4-Dinitrophenol
Concen: 112.973 ng
RT: 14.680 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



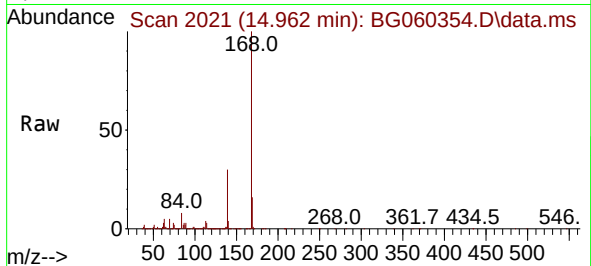
Tgt Ion:184 Resp: 718336
Ion Ratio Lower Upper
184 100
63 49.5 41.0 61.4
154 45.2 39.2 58.8





#55
Dibenzenofuran
Concen: 53.881 ng
RT: 14.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

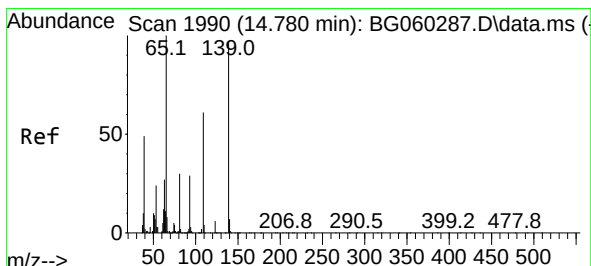
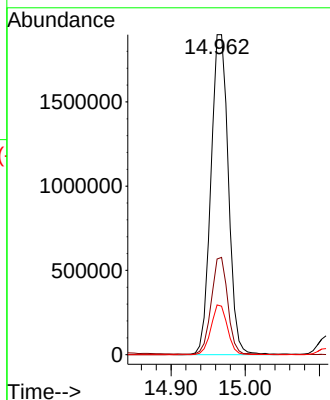
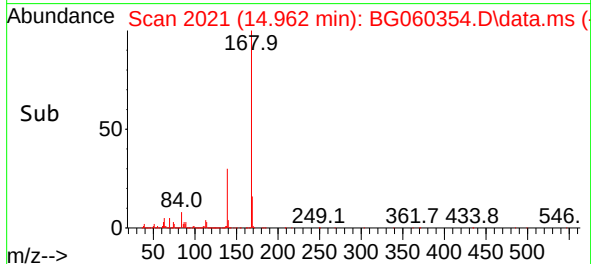
Instrument :
BNA_G
ClientSampleId :
SP6400



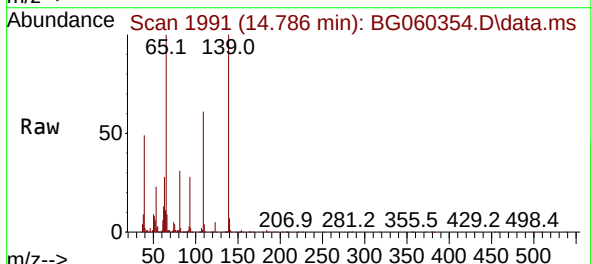
Tgt Ion:168 Resp: 3098870
Ion Ratio Lower Upper
168 100
139 29.9 22.6 34.0
169 15.6 12.1 18.1

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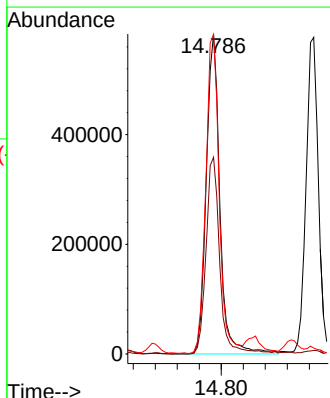
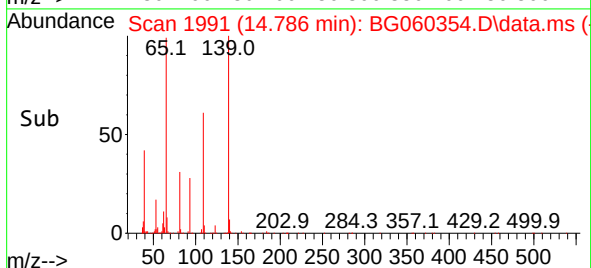
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

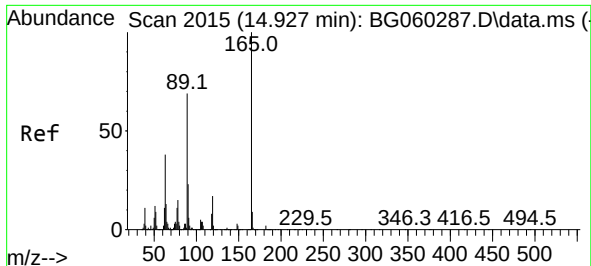


#56
4-Nitrophenol
Concen: 145.452 ng
RT: 14.786 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



Tgt Ion:139 Resp: 995994
Ion Ratio Lower Upper
139 100
109 61.5 42.2 82.2
65 99.8 83.3 123.3





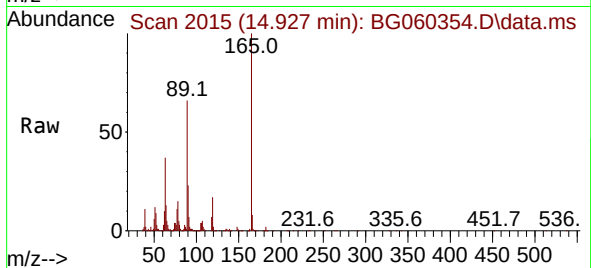
#57
2,4-Dinitrotoluene
Concen: 60.807 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

SP6400

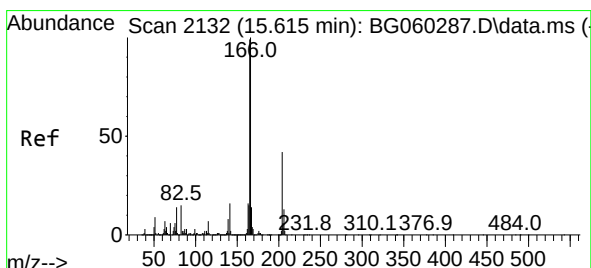
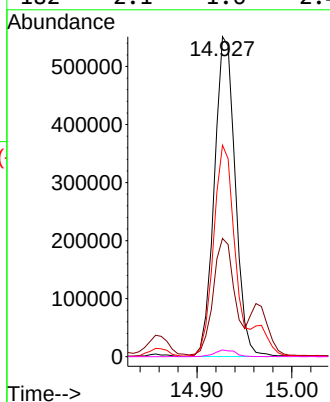
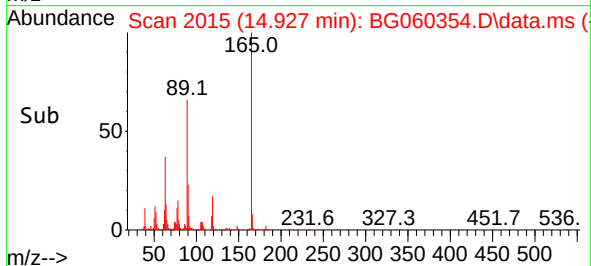


Tgt Ion:165 Resp: 84480
Ion Ratio Lower Upper
165 100
63 37.0 30.4 45.6
89 66.1 55.4 83.0
182 2.1 1.6 2.4

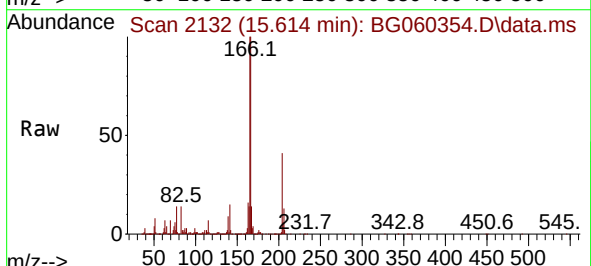
Manual Integrations

APPROVED

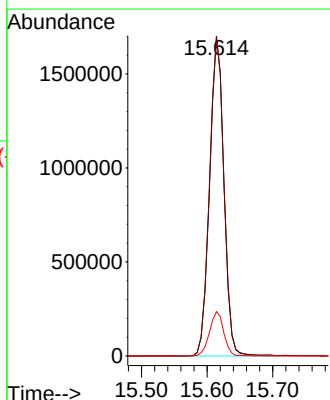
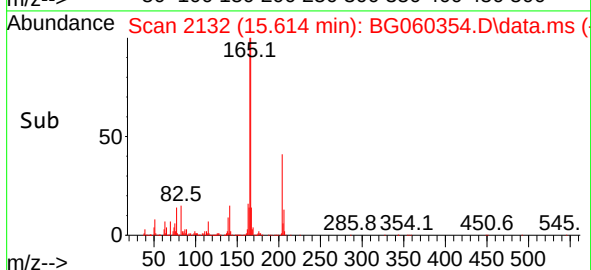
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

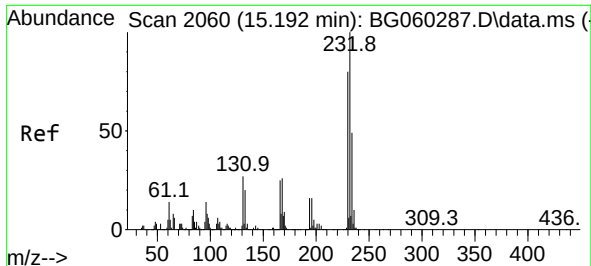


#58
Fluorene
Concen: 53.823 ng
RT: 15.614 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



Tgt Ion:166 Resp: 2563439
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.6
167 13.9 11.4 17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 61.844 ng

RT: 15.191 min Scan# 2060

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

SP6400

Tgt Ion:232 Resp: 81343

Ion Ratio Lower Upper

232 100

131 27.7 22.7 34.1

130 1.4 1.1 1.7

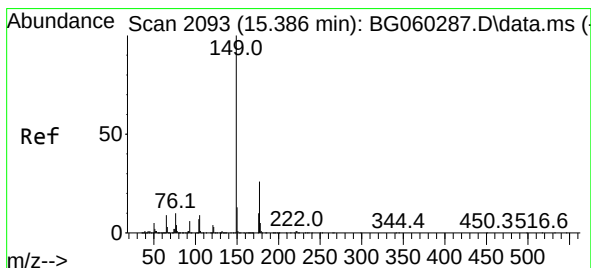
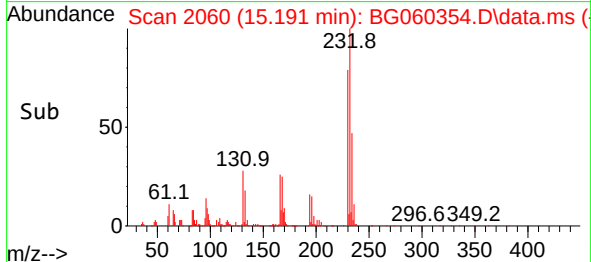
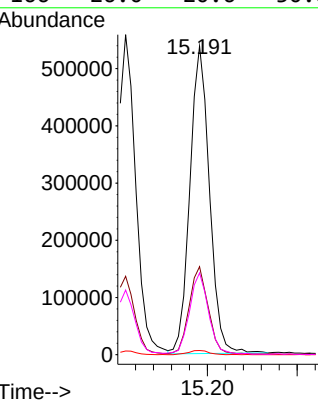
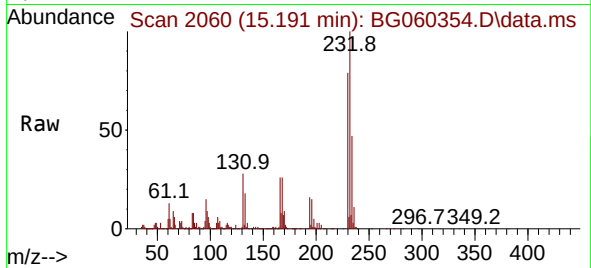
166 26.0 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024

Supervised By :mohammad ahmed 01/24/2024



#60

Diethylphthalate

Concen: 55.670 ng

RT: 15.385 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

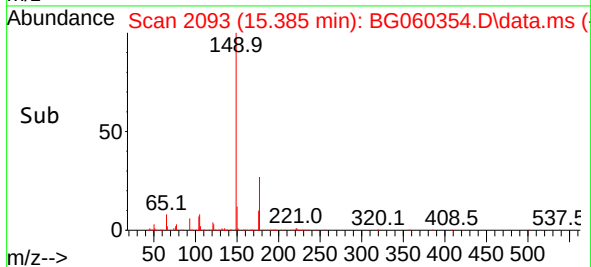
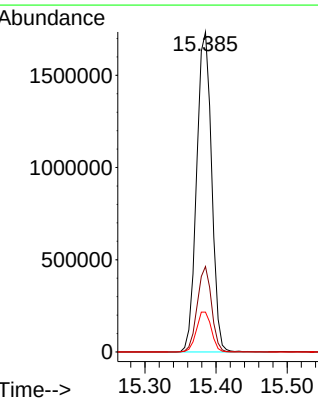
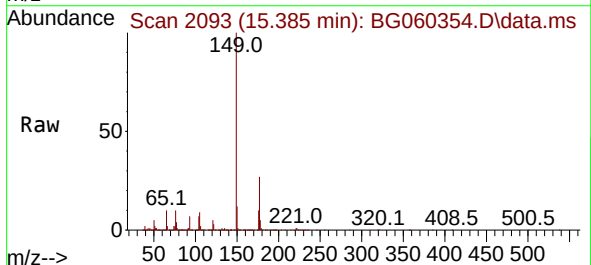
Tgt Ion:149 Resp: 2537645

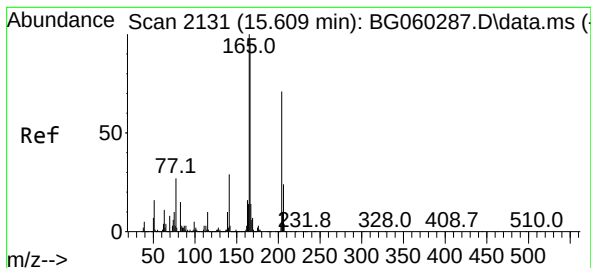
Ion Ratio Lower Upper

149 100

177 26.7 20.9 31.3

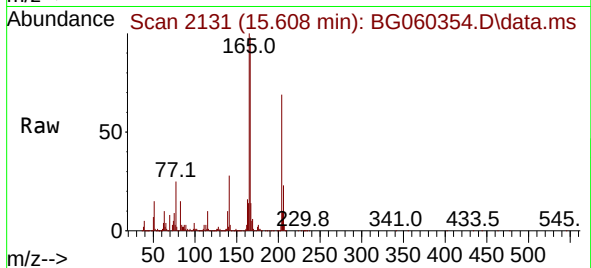
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 52.758 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

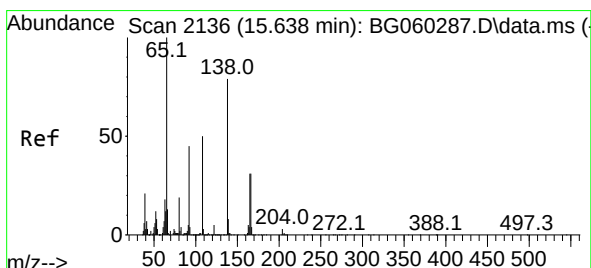
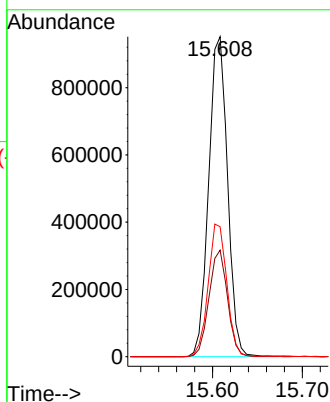
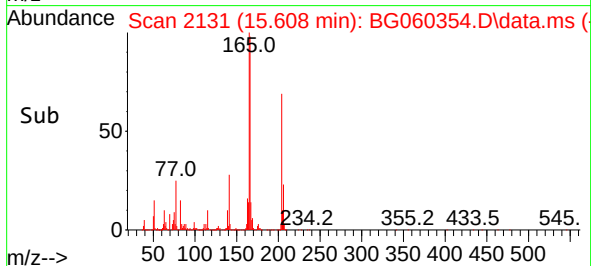
Instrument :
BNA_G
ClientSampleId :
SP6400



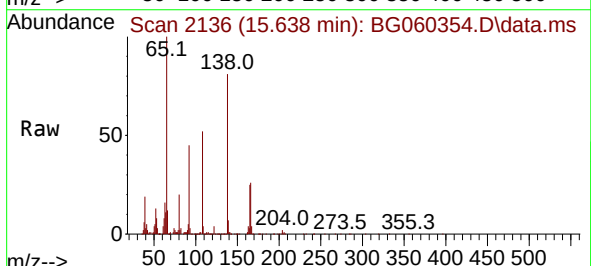
Tgt Ion:204 Resp: 138419
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 40.6 32.2 48.2

Manual Integrations
APPROVED

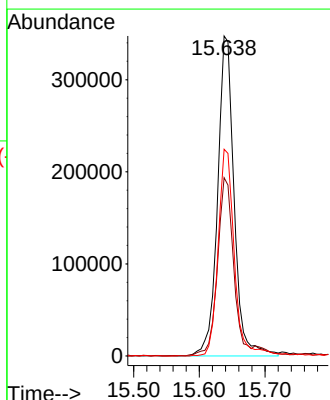
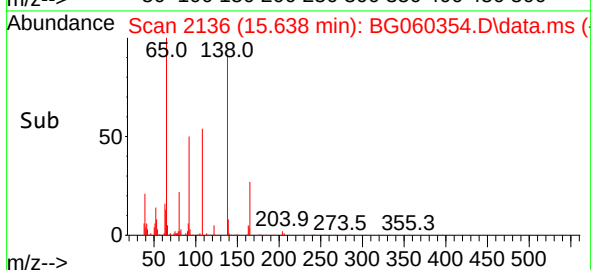
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

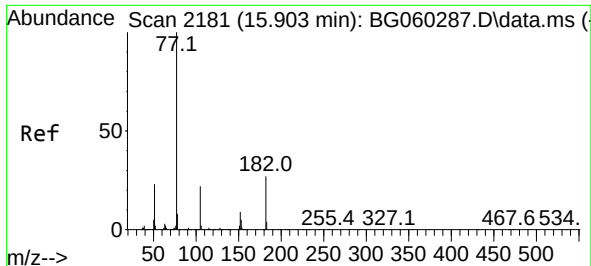


#62
4-Nitroaniline
Concen: 61.796 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



Tgt Ion:138 Resp: 607184
Ion Ratio Lower Upper
138 100
92 55.7 37.0 77.0
108 64.6 43.1 83.1





#63
Azobenzene
Concen: 54.671 ng
RT: 15.896 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

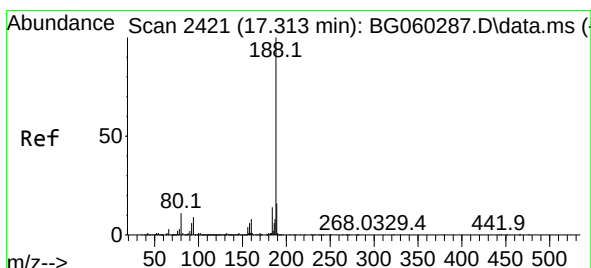
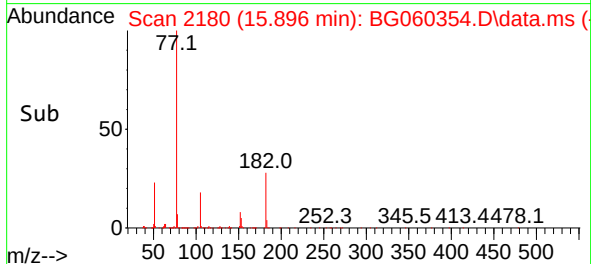
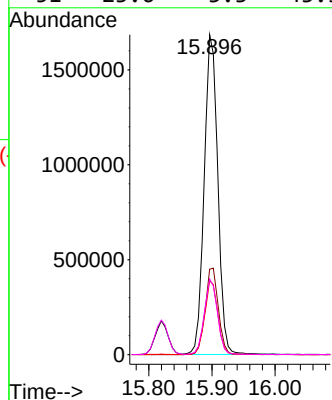
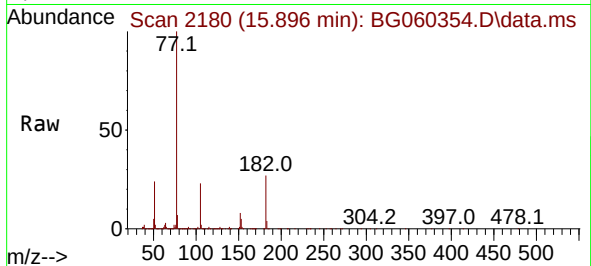
SP6400

Tgt Ion: 77 Resp: 252058
Ion Ratio Lower Upper
77 100
182 26.7 6.5 46.5
105 23.1 1.8 41.8
51 23.6 3.3 43.3

Manual Integrations

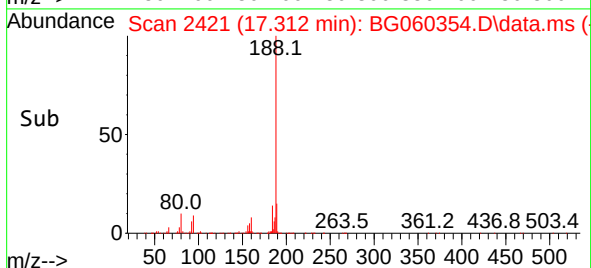
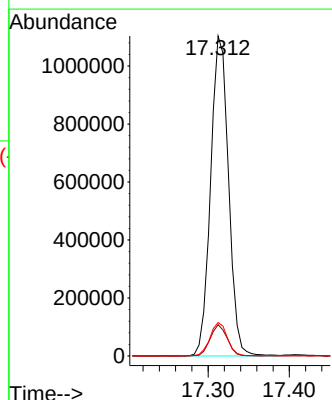
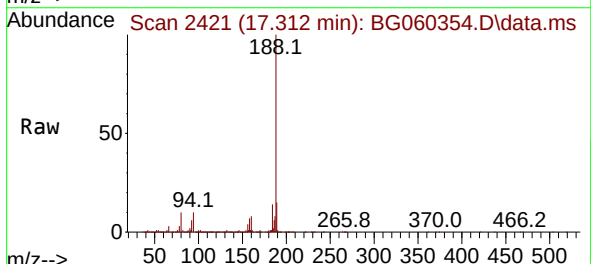
APPROVED

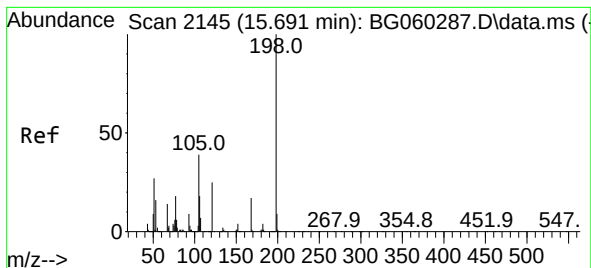
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Tgt Ion:188 Resp: 1688906
Ion Ratio Lower Upper
188 100
94 9.8 7.1 10.7
80 10.5 8.5 12.7





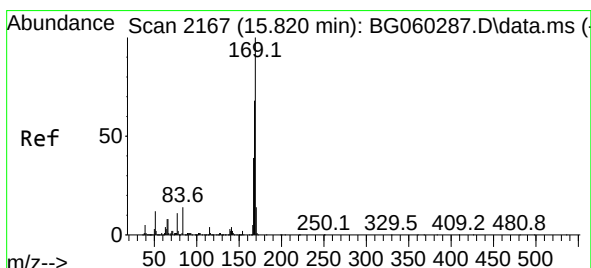
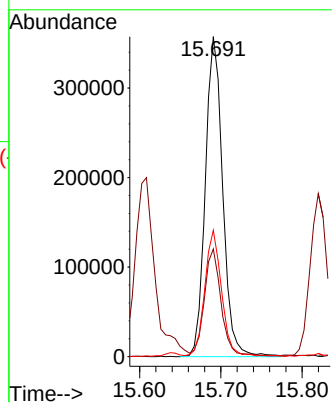
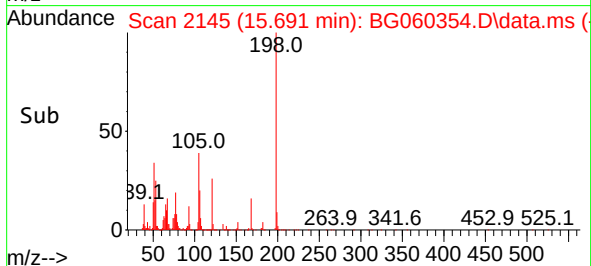
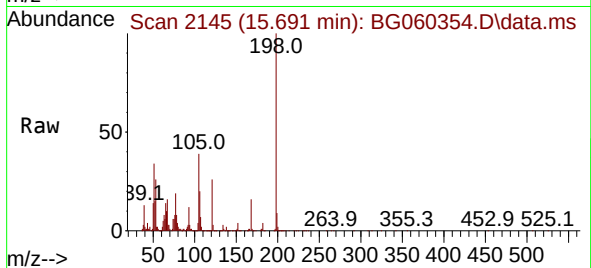
#65
4,6-Dinitro-2-methylphenol
Concen: 56.783 ng
RT: 15.691 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :
BNA_G
ClientSampleId :
SP6400

Tgt Ion:198 Resp: 530540
Ion Ratio Lower Upper
198 100
51 33.7 11.8 51.8
105 39.5 20.3 60.3

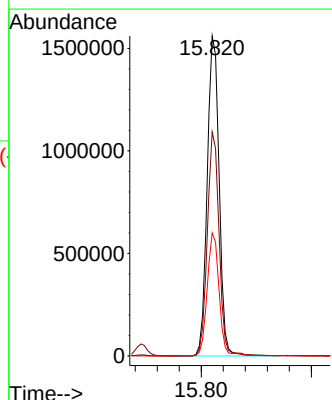
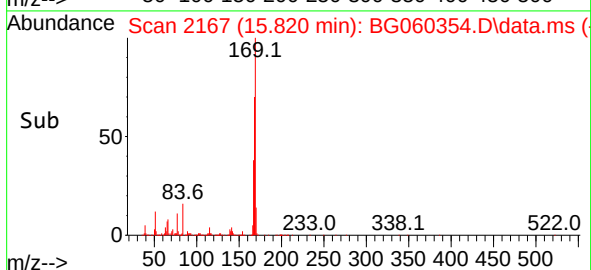
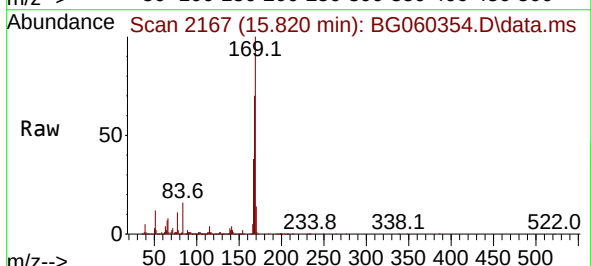
Manual Integrations
APPROVED

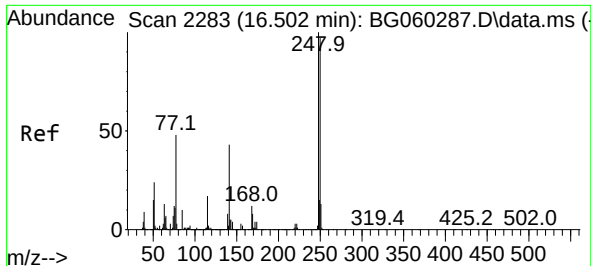
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#66
n-Nitrosodiphenylamine
Concen: 52.310 ng
RT: 15.820 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

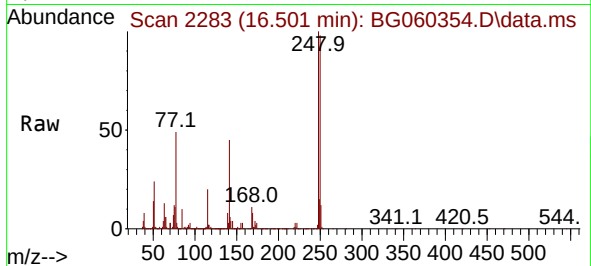
Tgt Ion:169 Resp: 2345808
Ion Ratio Lower Upper
169 100
168 70.0 54.4 81.6
167 38.5 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 51.106 ng
RT: 16.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

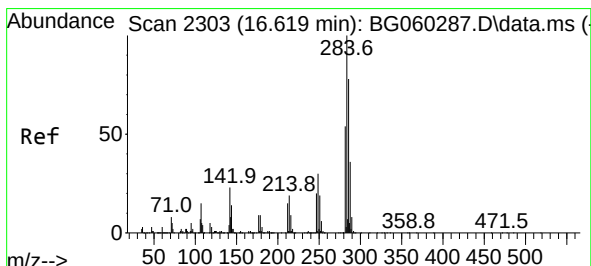
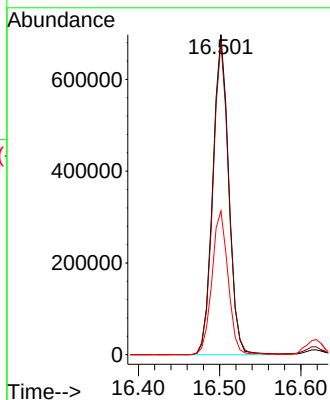
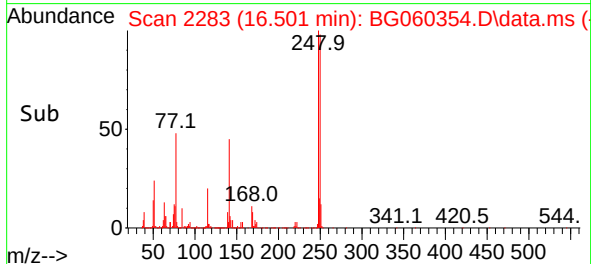
Instrument :
BNA_G
ClientSampleId :
SP6400



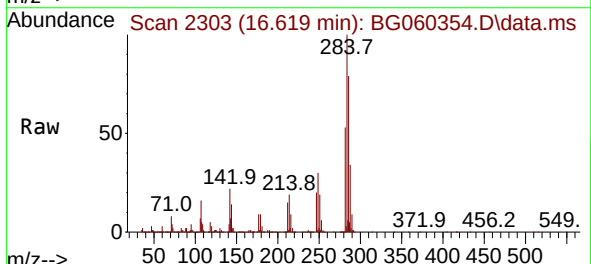
Tgt Ion:248 Resp: 94840
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 44.9 34.2 51.4

Manual Integrations
APPROVED

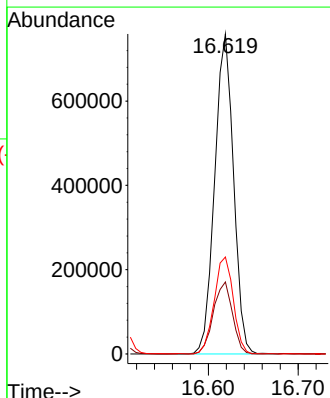
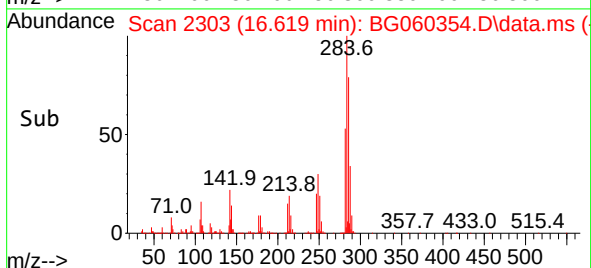
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

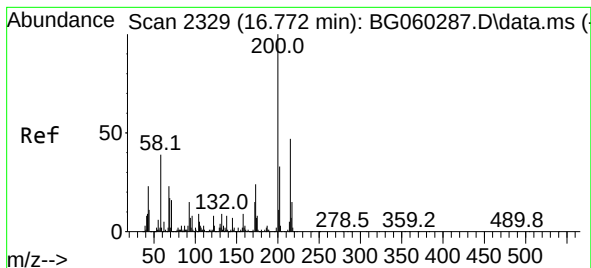


#68
Hexachlorobenzene
Concen: 50.248 ng
RT: 16.619 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



Tgt Ion:284 Resp: 1103785
Ion Ratio Lower Upper
284 100
142 22.5 18.2 27.4
249 30.3 24.3 36.5





#69

Atrazine

Concen: 58.897 ng

RT: 16.772 min Scan# 2329

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

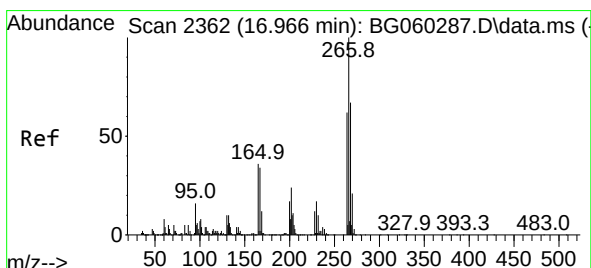
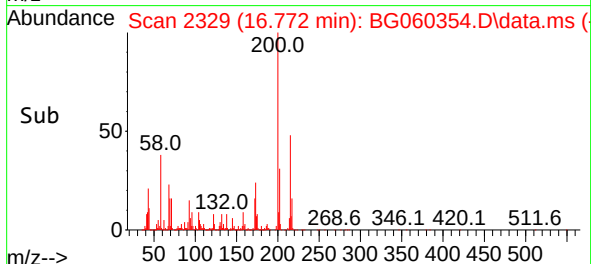
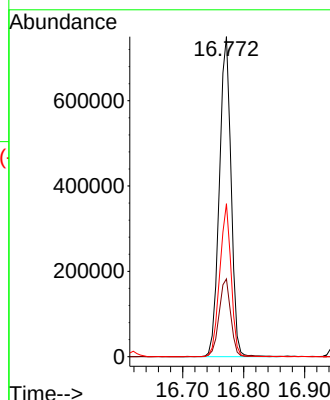
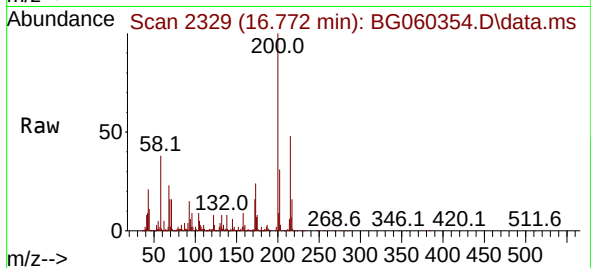
SP6400

Tgt Ion:	200	Resp:	995929
Ion Ratio	Lower	Upper	
200	100		
173	24.3	4.1	44.1
215	47.8	27.4	67.4

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 116.090 ng

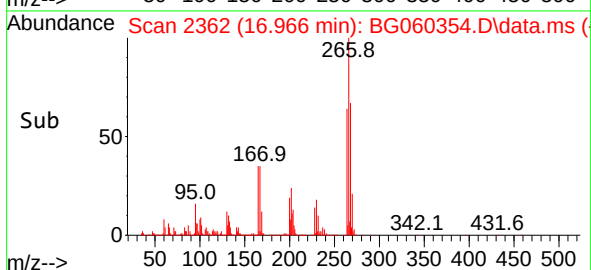
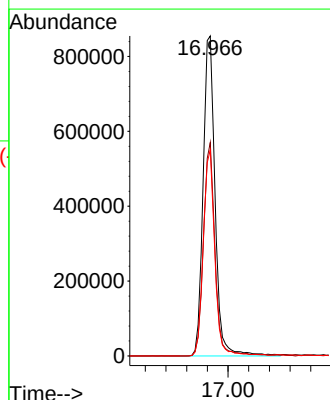
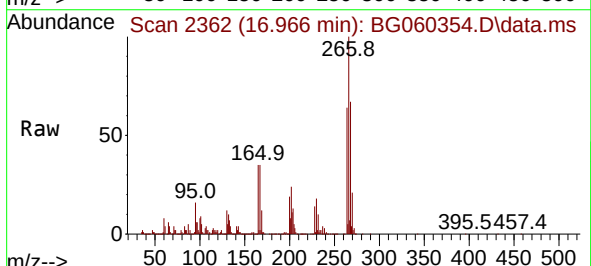
RT: 16.966 min Scan# 2362

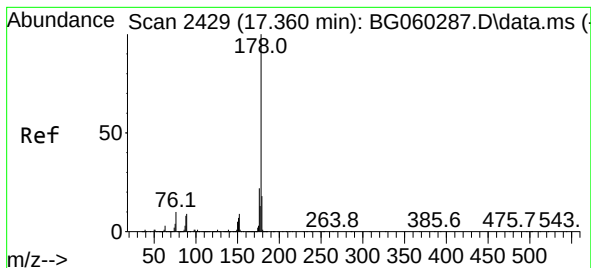
Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Tgt Ion:	266	Resp:	1374582
Ion Ratio	Lower	Upper	
266	100		
268	66.7	57.4	86.2
264	64.4	49.8	74.8





#71

Phenanthrene

Concen: 51.707 ng

RT: 17.359 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

SP6400

Tgt Ion:178 Resp: 4221034

Ion Ratio Lower Upper

178 100

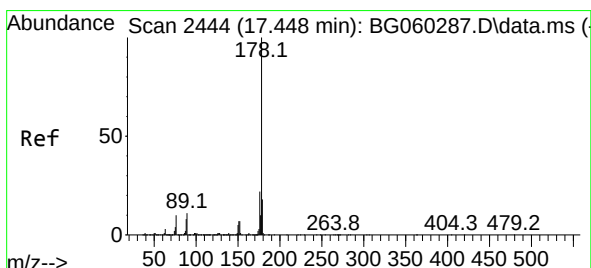
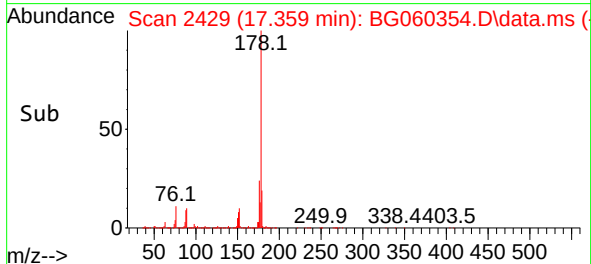
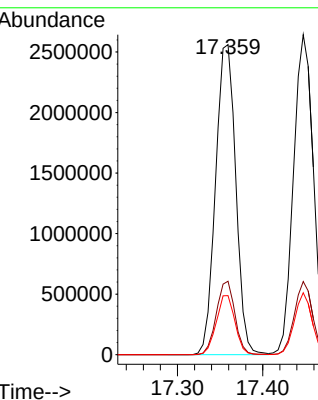
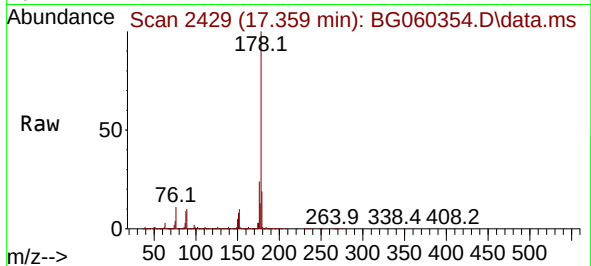
176 23.7 17.4 26.2

179 19.0 14.7 22.1

Manual Integrations

APPROVED

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



#72

Anthracene

Concen: 52.765 ng

RT: 17.447 min Scan# 2444

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

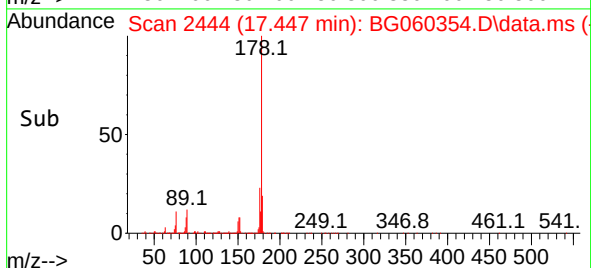
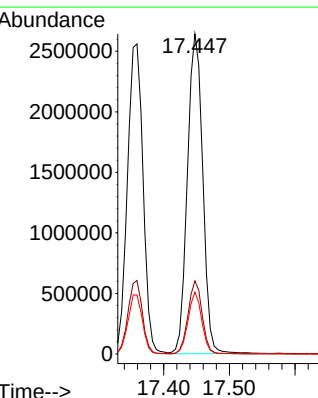
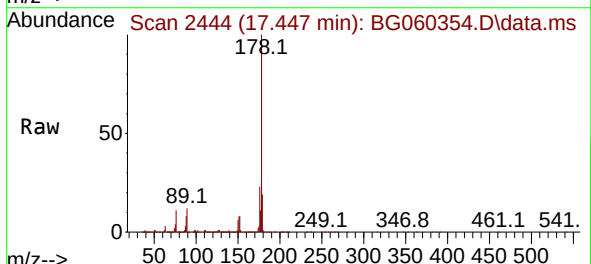
Tgt Ion:178 Resp: 4300492

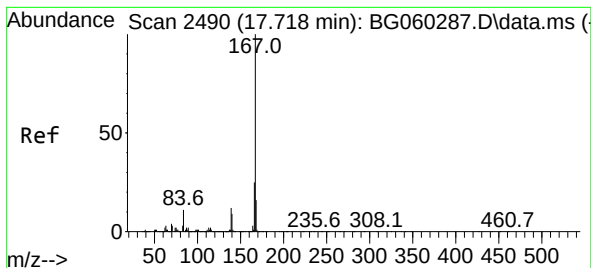
Ion Ratio Lower Upper

178 100

176 22.9 17.8 26.6

179 19.4 14.1 21.1





#73

Carbazole

Concen: 52.325 ng

RT: 17.718 min Scan# 2490

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

SP6400

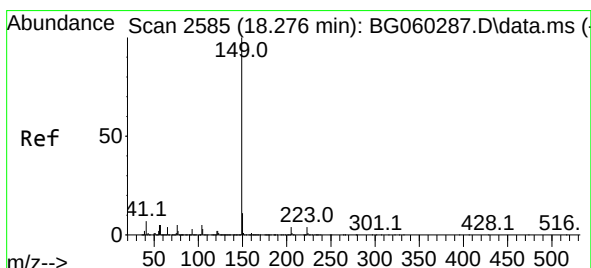
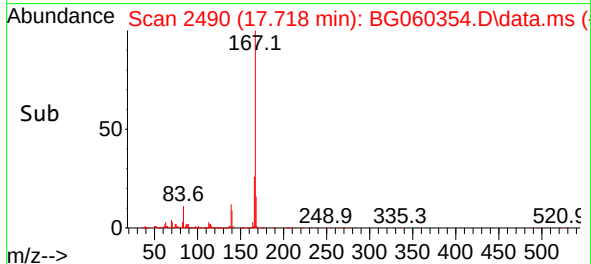
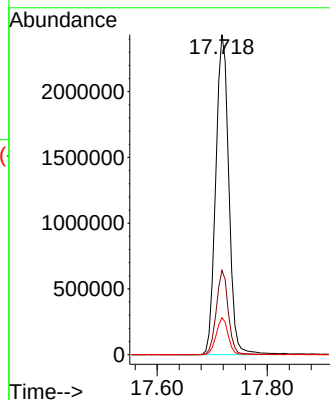
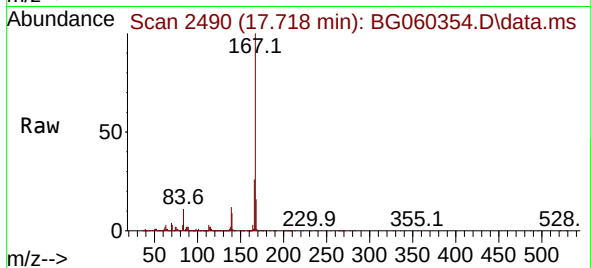
Tgt Ion:167 Resp: 402051

Ion	Ratio	Lower	Upper
167	100		
166	26.3	19.8	29.8
139	11.6	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: 52.420 ng

RT: 18.276 min Scan# 2585

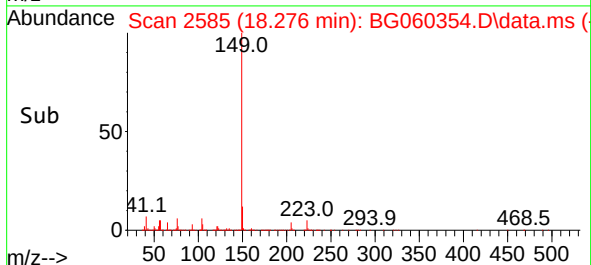
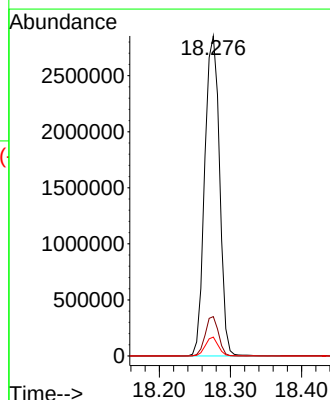
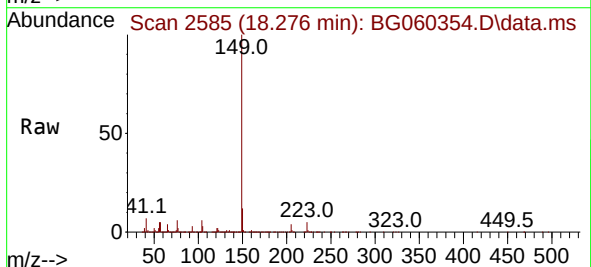
Delta R.T. -0.000 min

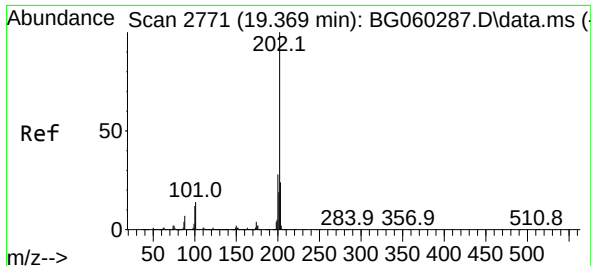
Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Tgt Ion:149 Resp: 4144323

Ion	Ratio	Lower	Upper
149	100		
150	12.3	9.1	13.7
104	5.9	4.3	6.5





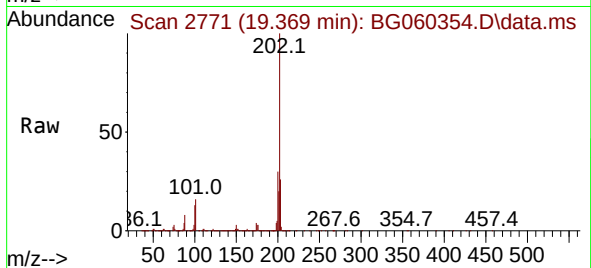
#75
Fluoranthene
Concen: 49.815 ng
RT: 19.369 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

SP6400

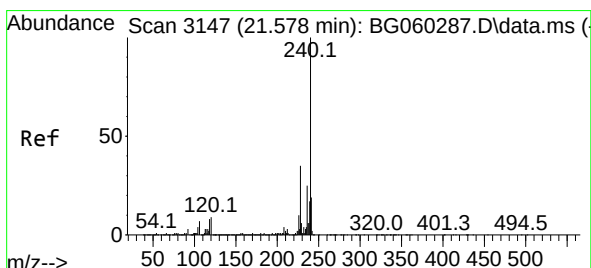
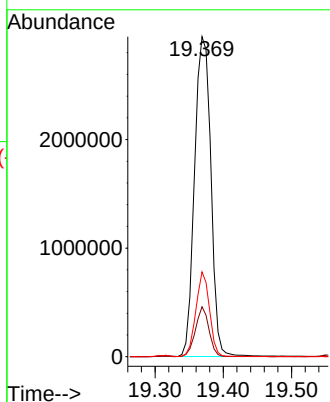
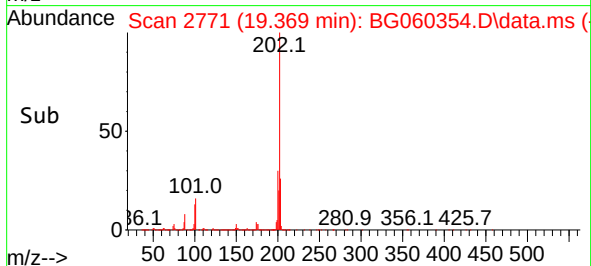


Tgt Ion:202 Resp: 488433
Ion Ratio Lower Upper
202 100
101 15.6 0.0 34.4
203 26.5 4.0 44.0

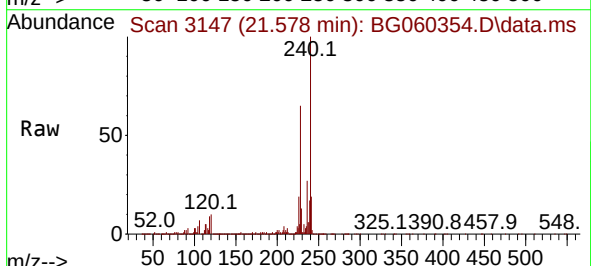
Manual Integrations

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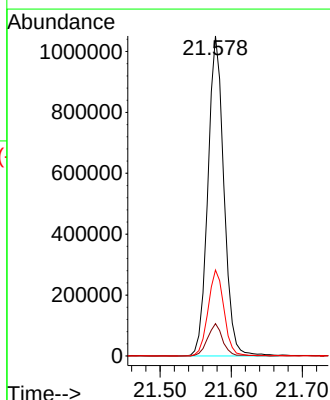
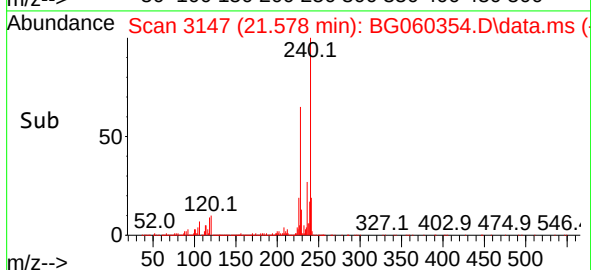
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

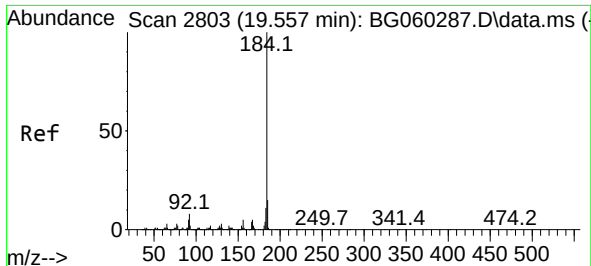


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04



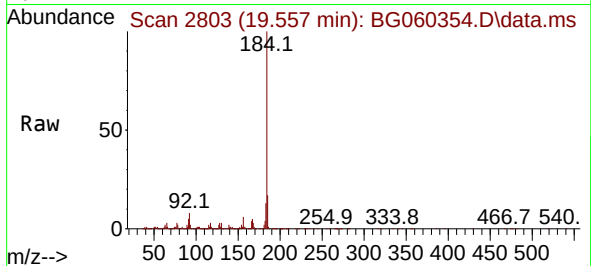
Tgt Ion:240 Resp: 1645504
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 26.8 20.3 30.5





#77
Benzidine
Concen: 109.261 ng
RT: 19.557 min Scan# 2803
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

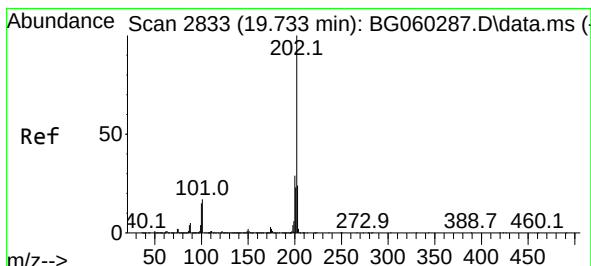
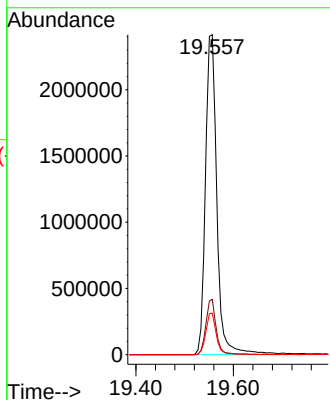
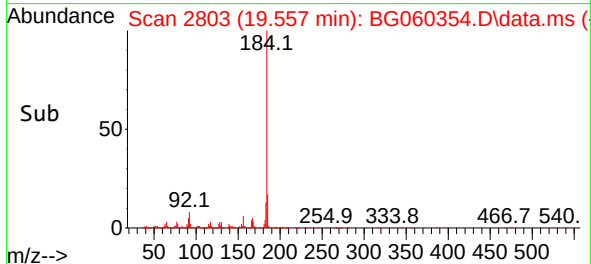
Instrument :
BNA_G
ClientSampleId :
SP6400



Tgt Ion:184 Resp: 3905979
Ion Ratio Lower Upper
184 100
185 17.3 12.2 18.4
183 12.9 9.0 13.4

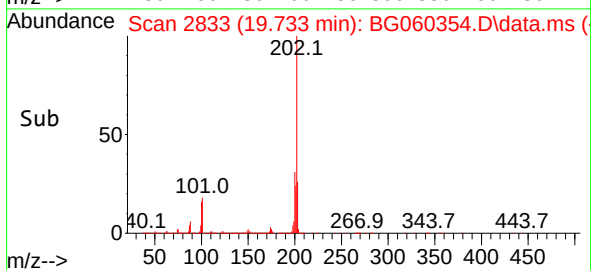
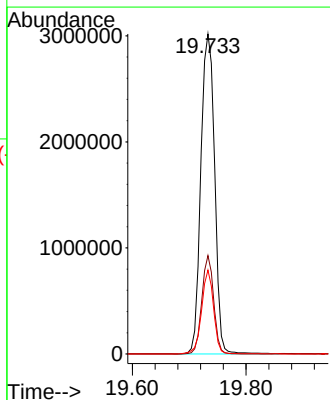
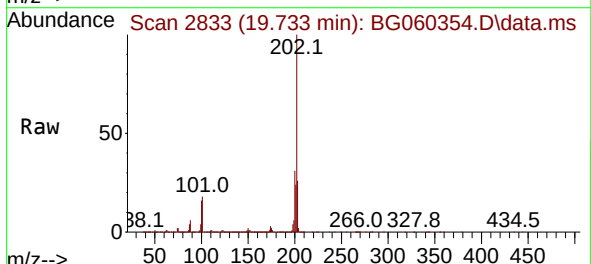
Manual Integrations
APPROVED

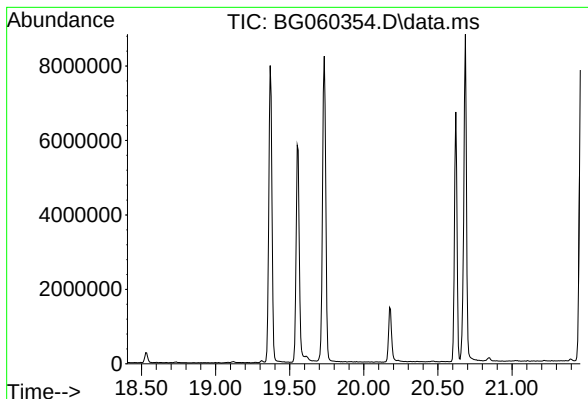
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#78
Pyrene
Concen: 48.200 ng
RT: 19.733 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Tgt Ion:202 Resp: 5064962
Ion Ratio Lower Upper
202 100
200 30.7 23.5 35.3
203 26.2 19.6 29.4





#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.93 min
 Lab File: BG060354.D
 Acq: 18 Jan 2024 16:04

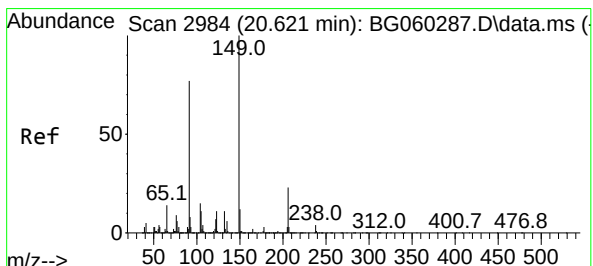
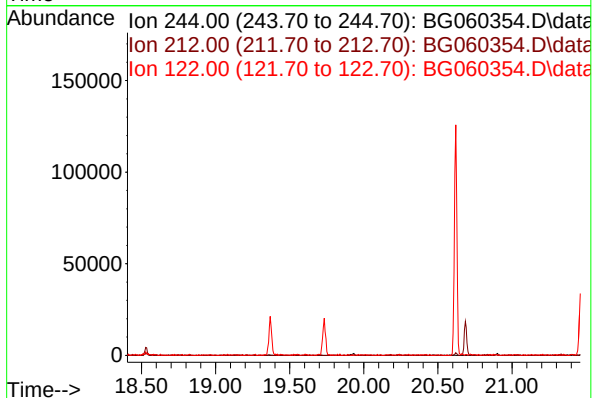
Instrument :
 BNA_G
 ClientSampleId :
 SP6400

Tgt Ion: 244

Sig	Exp	Ratio
244	100	
212	13.6	
122	15.7	

Manual Integrations
APPROVED

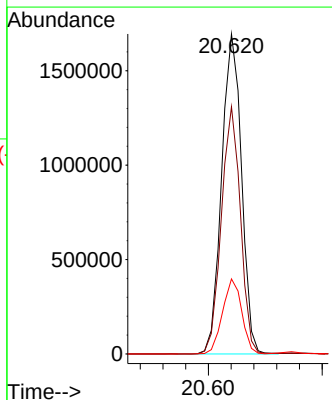
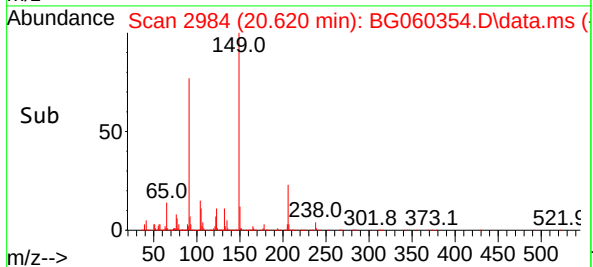
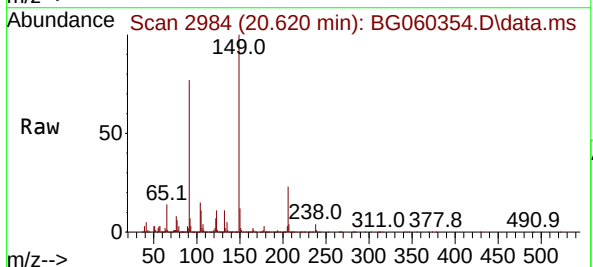
Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

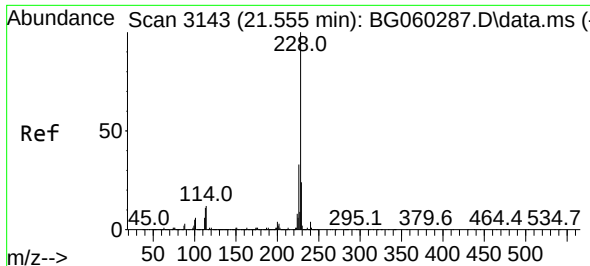


#80
 Butylbenzylphthalate
 Concen: 56.784 ng
 RT: 20.620 min Scan# 2984
 Delta R.T. -0.000 min
 Lab File: BG060354.D
 Acq: 18 Jan 2024 16:04

Tgt Ion:149 Resp: 2052880

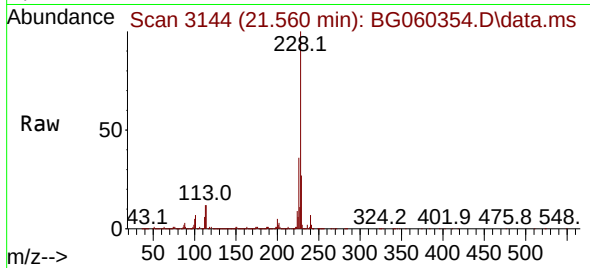
Ion	Ratio	Lower	Upper
149	100		
91	77.3	61.4	92.2
206	23.4	18.0	27.0





#81
Benzo(a)anthracene
Concen: 50.923 ng
RT: 21.560 min Scan# 3143
Delta R.T. 0.005 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

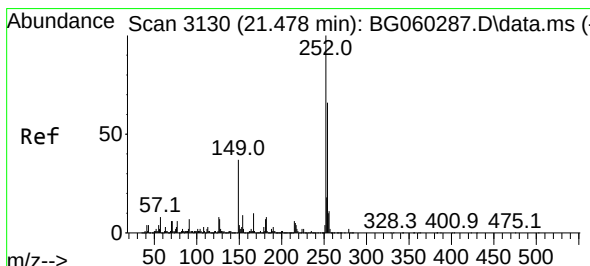
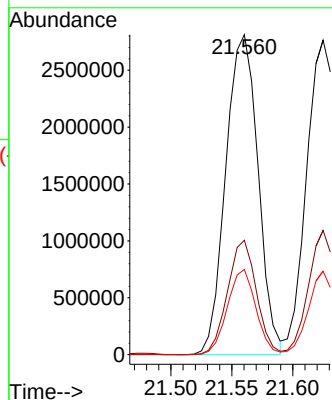
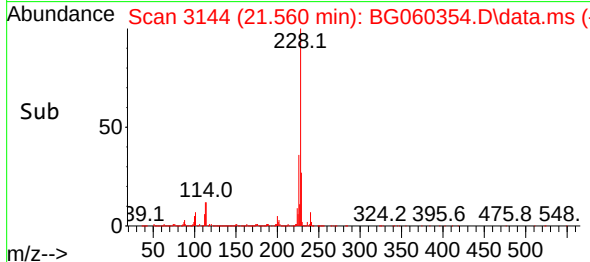
Instrument :
BNA_G
ClientSampleId :
SP6400



Tgt Ion:228 Resp: 518743
Ion Ratio Lower Upper
228 100
226 35.7 26.2 39.2
229 26.6 19.4 29.2

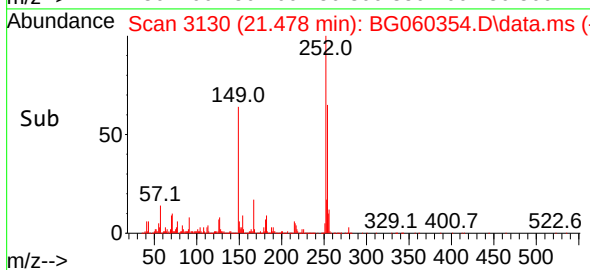
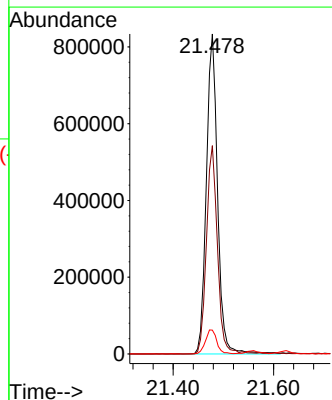
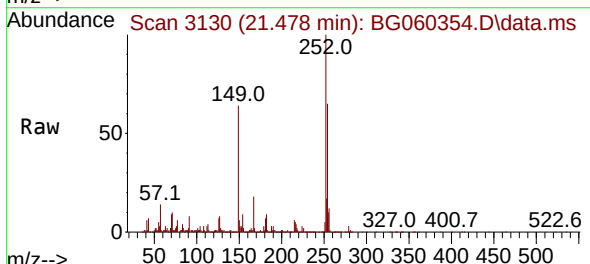
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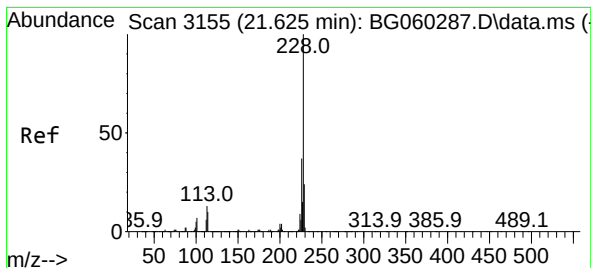
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#82
3,3'-Dichlorobenzidine
Concen: 33.189 ng
RT: 21.478 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Tgt Ion:252 Resp: 1294774
Ion Ratio Lower Upper
252 100
254 65.1 52.6 79.0
126 7.4 6.3 9.5





#83

Chrysene

Concen: 50.125 ng

RT: 21.625 min Scan# 3155

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

SP6400

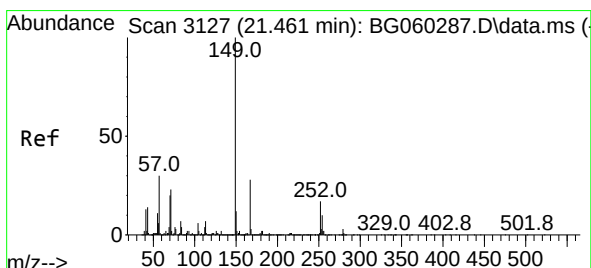
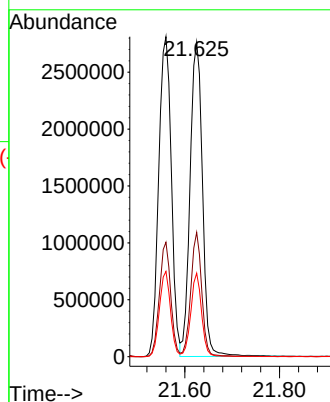
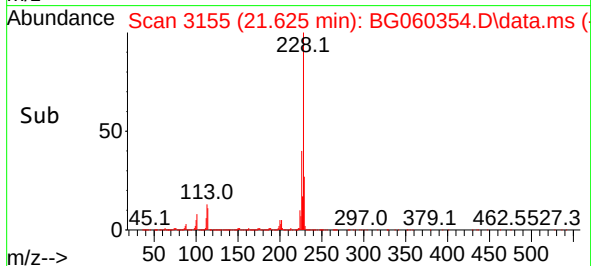
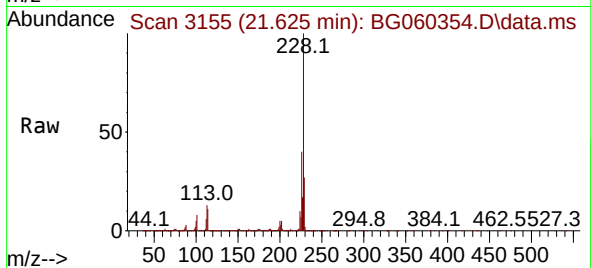
Tgt Ion:228 Resp: 502198

Ion	Ratio	Lower	Upper
228	100		
226	39.5	29.4	44.2
229	26.6	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: 54.096 ng

RT: 21.460 min Scan# 3127

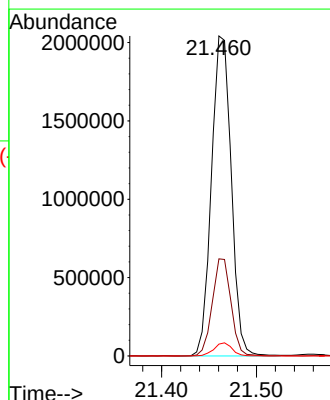
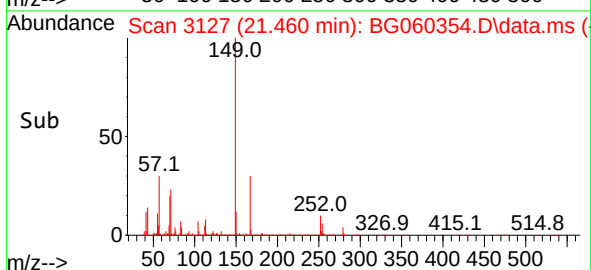
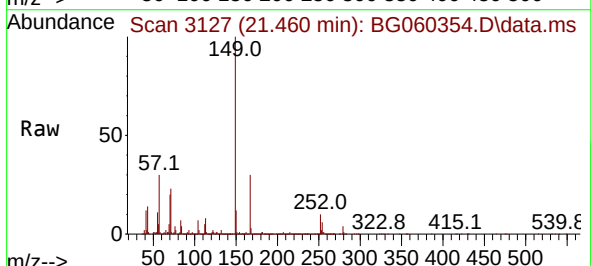
Delta R.T. -0.000 min

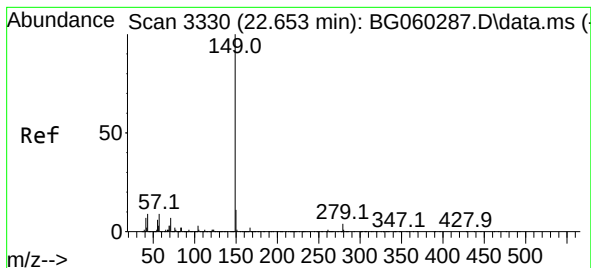
Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Tgt Ion:149 Resp: 2955251

Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.2	33.2
279	3.7	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 54.722 ng

RT: 22.653 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

SP6400

Tgt Ion:149 Resp: 484445

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

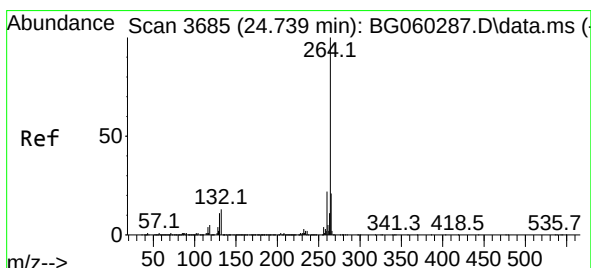
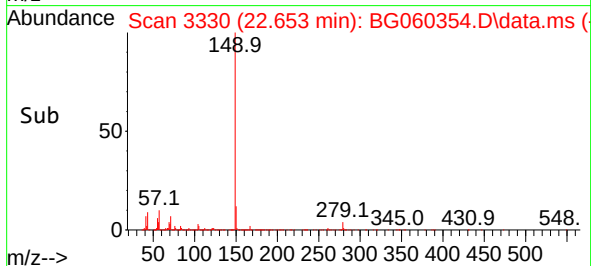
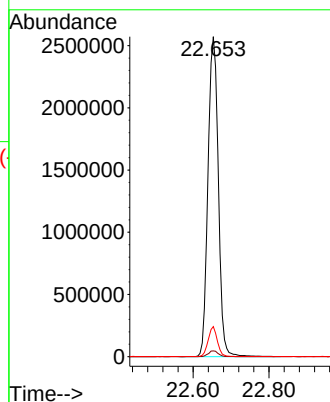
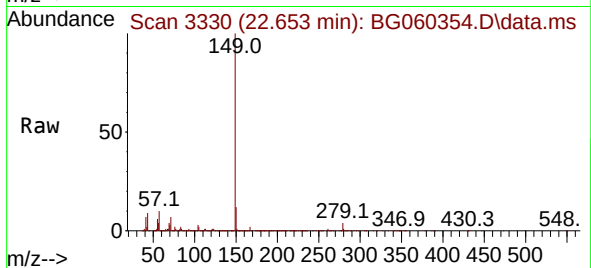
43 8.4 6.8 10.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/23/2024

Supervised By :mohammad ahmed 01/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.739 min Scan# 3685

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

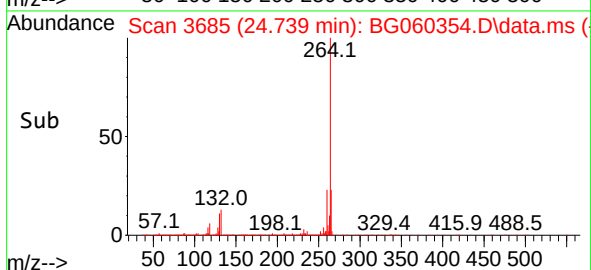
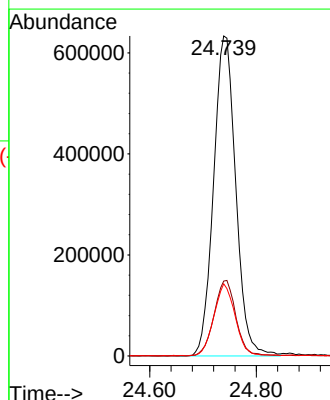
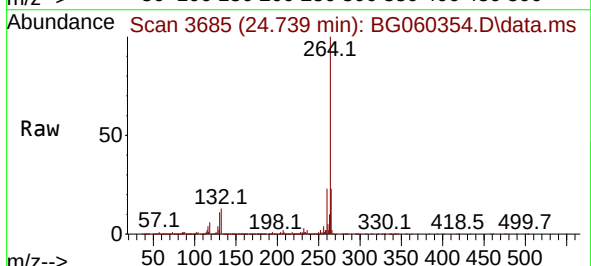
Tgt Ion:264 Resp: 1827784

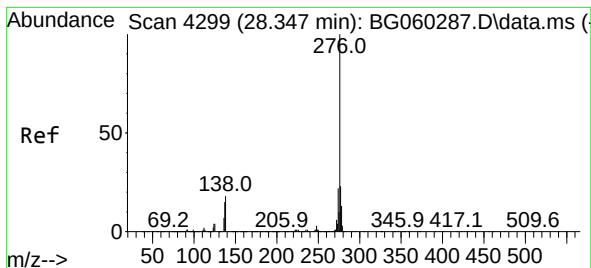
Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 22.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.531 ng

RT: 28.358 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

SP6400

Tgt Ion:276 Resp: 7057250

Ion Ratio Lower Upper

276 100

138 21.3 12.5 18.7

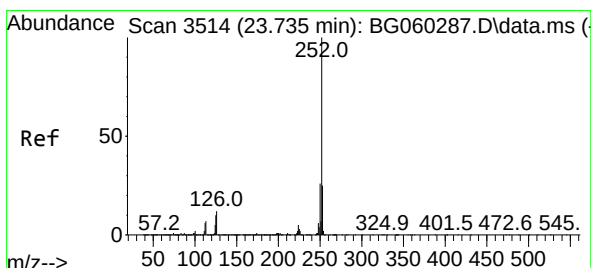
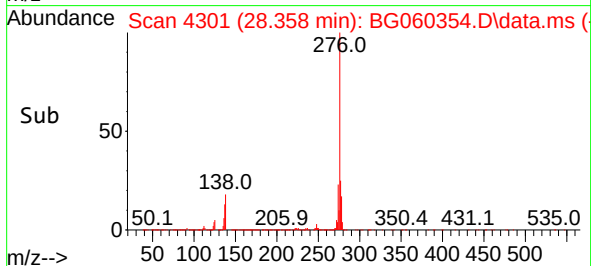
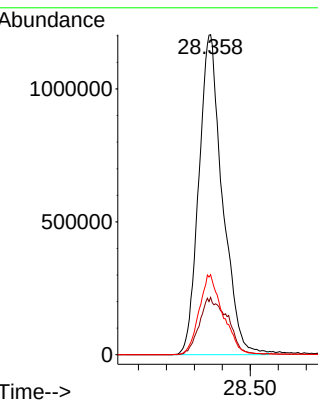
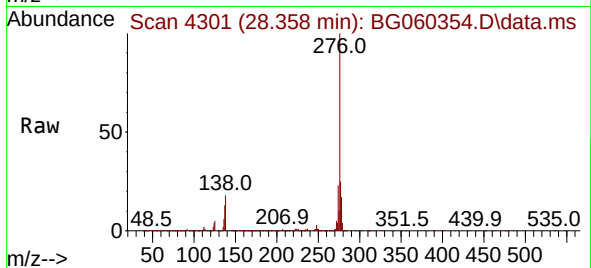
277 25.3 20.5 30.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/23/2024

Supervised By :mohammad ahmed 01/24/2024



#88

Benzo(b)fluoranthene

Concen: 51.673 ng

RT: 23.740 min Scan# 3515

Delta R.T. 0.005 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

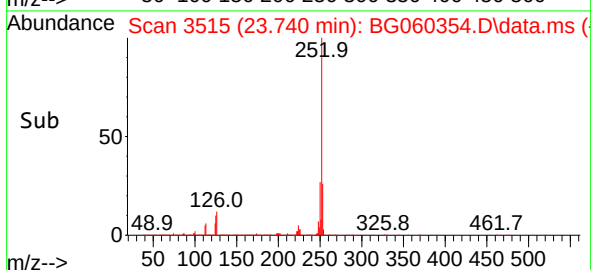
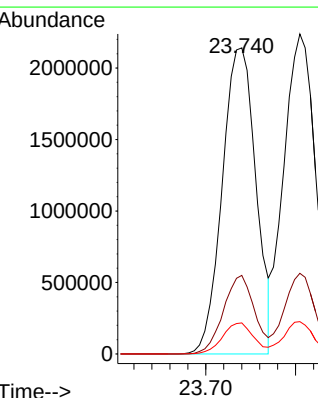
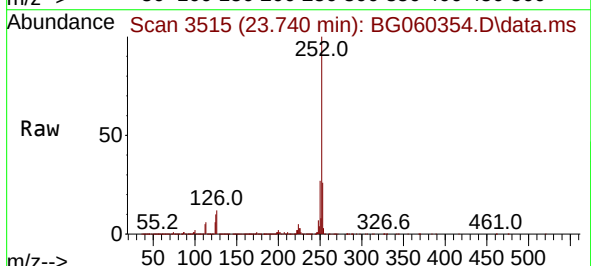
Tgt Ion:252 Resp: 5579552

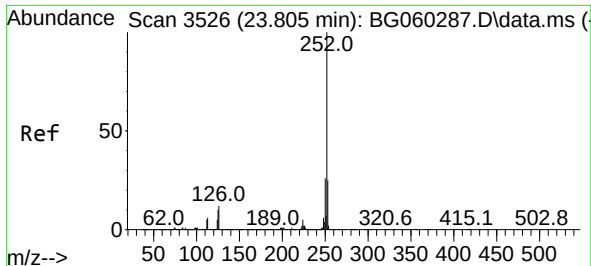
Ion Ratio Lower Upper

252 100

253 25.7 20.0 30.0

125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 52.373 ng
RT: 23.805 min Scan# 3526
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

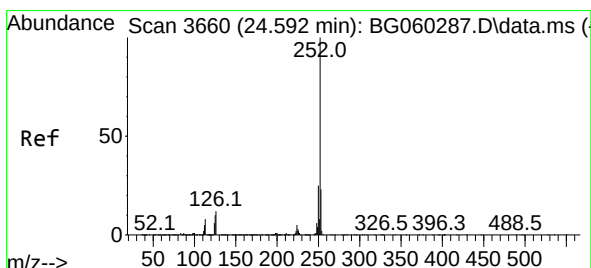
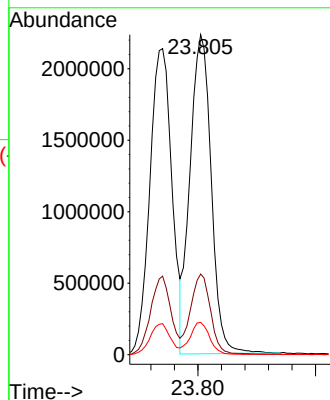
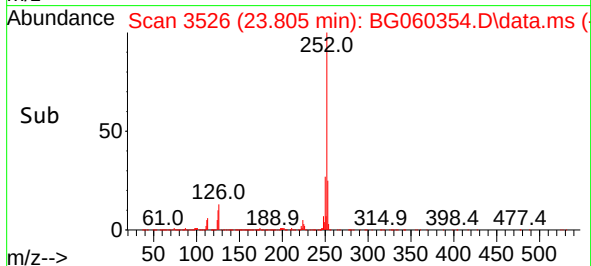
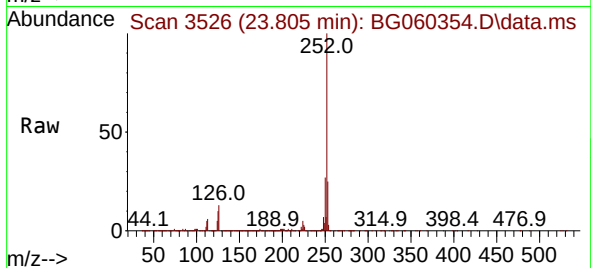
SP6400

Tgt Ion:252 Resp: 5580538
Ion Ratio Lower Upper
252 100
253 25.2 19.6 29.4
125 10.1 8.2 12.2

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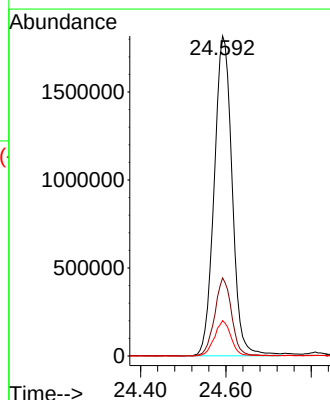
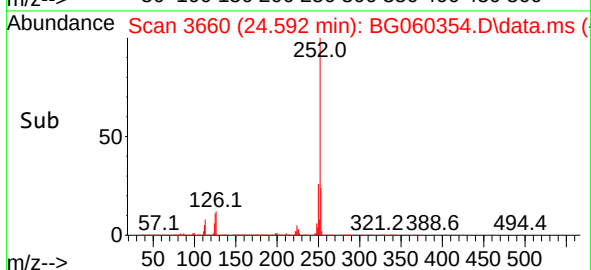
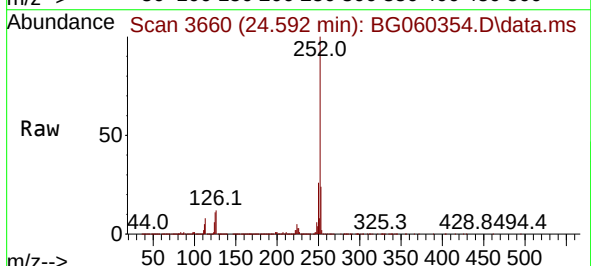
APPROVED

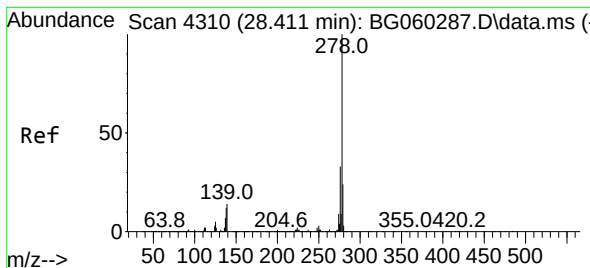
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#90
Benzo(a)pyrene
Concen: 54.404 ng
RT: 24.592 min Scan# 3660
Delta R.T. -0.000 min
Lab File: BG060354.D
Acq: 18 Jan 2024 16:04

Tgt Ion:252 Resp: 5306643
Ion Ratio Lower Upper
252 100
253 24.4 18.1 27.1
125 11.1 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 55.294 ng

RT: 28.417 min Scan# 4310

Delta R.T. 0.005 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Instrument :

BNA_G

ClientSampleId :

SP6400

Tgt Ion:278 Resp: 573892

Ion Ratio Lower Upper

278 100

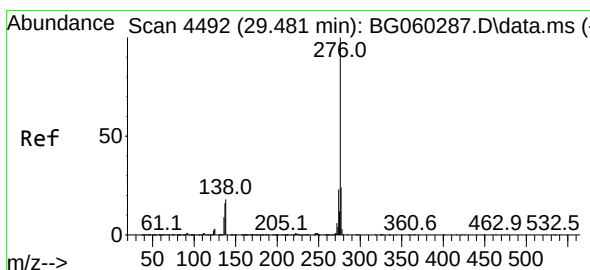
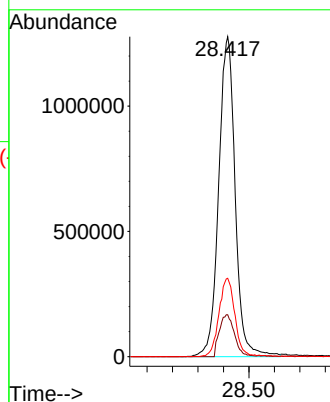
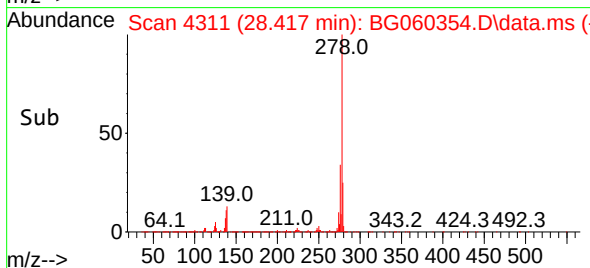
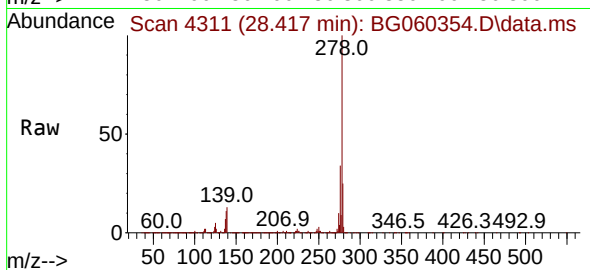
139 13.1 10.9 16.3

279 24.5 19.2 28.8

Manual Integrations

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



#92

Benzo(g,h,i)perylene

Concen: 51.469 ng

RT: 29.480 min Scan# 4492

Delta R.T. -0.000 min

Lab File: BG060354.D

Acq: 18 Jan 2024 16:04

Tgt Ion:276 Resp: 5474982

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 18.8 14.2 21.4

