

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060401.D
 Acq On : 23 Jan 2024 13:08
 Operator : MA/JU
 Sample : PB158553BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB158553BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 23 13:44:54 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	7.928	152	201115	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	1003586	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	798904	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	2103760	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1875546	20.000	ng	0.00
86) Perylene-d12	24.744	264	1898119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1853185	151.560	ng	0.00
7) Phenol-d6	7.100	99	2284367	126.167	ng	0.00
23) Nitrobenzene-d5	9.092	82	1448314	68.145	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	1505718	128.101	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3888236	67.666	ng	0.00
79) Terphenyl-d14	19.932	244	5834703	75.111	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	203191	36.379	ng	98
3) Pyridine	3.798	79	511974	32.488	ng	93
4) n-Nitrosodimethylamine	3.716	42	215784	43.752	ng	# 97
6) Aniline	7.258	93	622095	34.374	ng	100
8) 2-Chlorophenol	7.493	128	570351	47.067	ng	96
9) Benzaldehyde	7.070	77	115047m	11.070	ng	
10) Phenol	7.123	94	844938	46.544	ng	98
11) bis(2-Chloroethyl)ether	7.347	93	585444	39.577	ng	94
12) 1,3-Dichlorobenzene	7.817	146	576301	37.889	ng	99
13) 1,4-Dichlorobenzene	7.963	146	574736	37.242	ng	99
14) 1,2-Dichlorobenzene	8.281	146	615002	38.755	ng	99
15) Benzyl Alcohol	8.169	79	553829	47.254	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.457	45	735144m	40.946	ng	
17) 2-Methylphenol	8.375	107	592874	47.549	ng	99
18) Hexachloroethane	9.009	117	212582	39.288	ng	93
19) n-Nitroso-di-n-propyla...	8.733	70	525450	41.931	ng	98
20) 3+4-Methylphenols	8.704	107	815465	48.506	ng	98
22) Acetophenone	8.751	105	998308	36.188	ng	98
24) Nitrobenzene	9.133	77	737075	33.454	ng	98
25) Isophorone	9.656	82	1627705	38.136	ng	99
26) 2-Nitrophenol	9.844	139	360953	44.558	ng	98
27) 2,4-Dimethylphenol	9.902	122	668185	62.423	ng	98
28) bis(2-Chloroethoxy)met...	10.137	93	994250	38.125	ng	99
29) 2,4-Dichlorophenol	10.384	162	790563	45.576	ng	99
30) 1,2,4-Trichlorobenzene	10.596	180	780282	36.158	ng	93
31) Naphthalene	10.784	128	2012450	38.255	ng	98
32) Benzoic acid	10.061	122	464805	48.922	ng	92
33) 4-Chloroaniline	10.889	127	493146	24.329	ng	96
34) Hexachlorobutadiene	11.066	225	486029	34.573	ng	95
35) Caprolactam	11.671	113	283243m	50.698	ng	
36) 4-Chloro-3-methylphenol	12.018	107	811283	46.039	ng	99
37) 2-Methylnaphthalene	12.394	142	1507082	38.627	ng	98
38) 1-Methylnaphthalene	12.611	142	1437132	36.681	ng	99
40) 1,2,4,5-Tetrachloroben...	12.758	216	1010016	35.597	ng	99
41) Hexachlorocyclopentadiene	12.734	237	903156	95.875	ng	99
43) 2,4,6-Trichlorophenol	12.999	196	747043	41.372	ng	98

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Quant Time: Jan 23 13:44:54 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	860387	43.201	ng	95
46) 1,1'-Biphenyl	13.398	154	2235958	37.078	ng	99
47) 2-Chloronaphthalene	13.445	162	1837306	35.564	ng	99
48) 2-Nitroaniline	13.651	65	589430	45.814	ng	94
49) Acenaphthylene	14.291	152	2887817	40.592	ng	99
50) Dimethylphthalate	14.021	163	2478865	40.603	ng	100
51) 2,6-Dinitrotoluene	14.144	165	577727	44.348	ng	96
52) Acenaphthene	14.632	154	1721526	38.862	ng	99
53) 3-Nitroaniline	14.474	138	407688	34.345	ng	95
54) 2,4-Dinitrophenol	14.685	184	728236	90.890	ng	96
55) Dibenzofuran	14.967	168	2932152	39.651	ng	97
56) 4-Nitrophenol	14.791	139	926540	105.234	ng	98
57) 2,4-Dinitrotoluene	14.932	165	829041	46.409	ng	96
58) Fluorene	15.619	166	2443496	39.901	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.196	232	819855	48.478	ng	99
60) Diethylphthalate	15.384	149	2479701	42.308	ng	99
61) 4-Chlorophenyl-phenyle...	15.607	204	1349607	40.006	ng	99
62) 4-Nitroaniline	15.643	138	574991	45.513	ng	99
63) Azobenzene	15.901	77	2335949	39.405	ng	97
65) 4,6-Dinitro-2-methylph...	15.696	198	546770	46.980	ng	98
66) n-Nitrosodiphenylamine	15.825	169	2296313	41.108	ng	100
67) 4-Bromophenyl-phenylether	16.501	248	924482	39.993	ng	95
68) Hexachlorobenzene	16.618	284	1045697	38.216	ng	98
69) Atrazine	16.777	200	1284568	60.986	ng	98
70) Pentachlorophenol	16.965	266	1445680	98.018	ng	94
71) Phenanthrene	17.358	178	4054450	39.872	ng	98
72) Anthracene	17.452	178	4044047	39.834	ng	99
73) Carbazole	17.723	167	3816655	39.877	ng	99
74) Di-n-butylphthalate	18.275	149	3950998	40.120	ng	98
75) Fluoranthene	19.374	202	4515199	36.969	ng	99
77) Benzidine	19.550	184	728160	17.870	ng	98
78) Pyrene	19.732	202	4663304	38.935	ng	99
80) Butylbenzylphthalate	20.619	149	1915281	46.480	ng	97
81) Benzo(a)anthracene	21.559	228	4659330	40.128	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	1623632	36.514	ng	99
83) Chrysene	21.624	228	4373881	38.302	ng	100
84) Bis(2-ethylhexyl)phtha...	21.459	149	2751844	44.194	ng	95
85) Di-n-octyl phthalate	22.652	149	4428250	43.885	ng	99
87) Indeno(1,2,3-cd)pyrene	28.357	276	5992458	45.405	ng	# 94
88) Benzo(b)fluoranthene	23.739	252	5093041	45.420	ng	100
89) Benzo(k)fluoranthene	23.804	252	4890685	44.198	ng	100
90) Benzo(a)pyrene	24.597	252	4513237	44.555	ng	99
91) Dibenzo(a,h)anthracene	28.422	278	5013868	46.518	ng	99
92) Benzo(g,h,i)perylene	29.497	276	4953236	44.839	ng	99

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

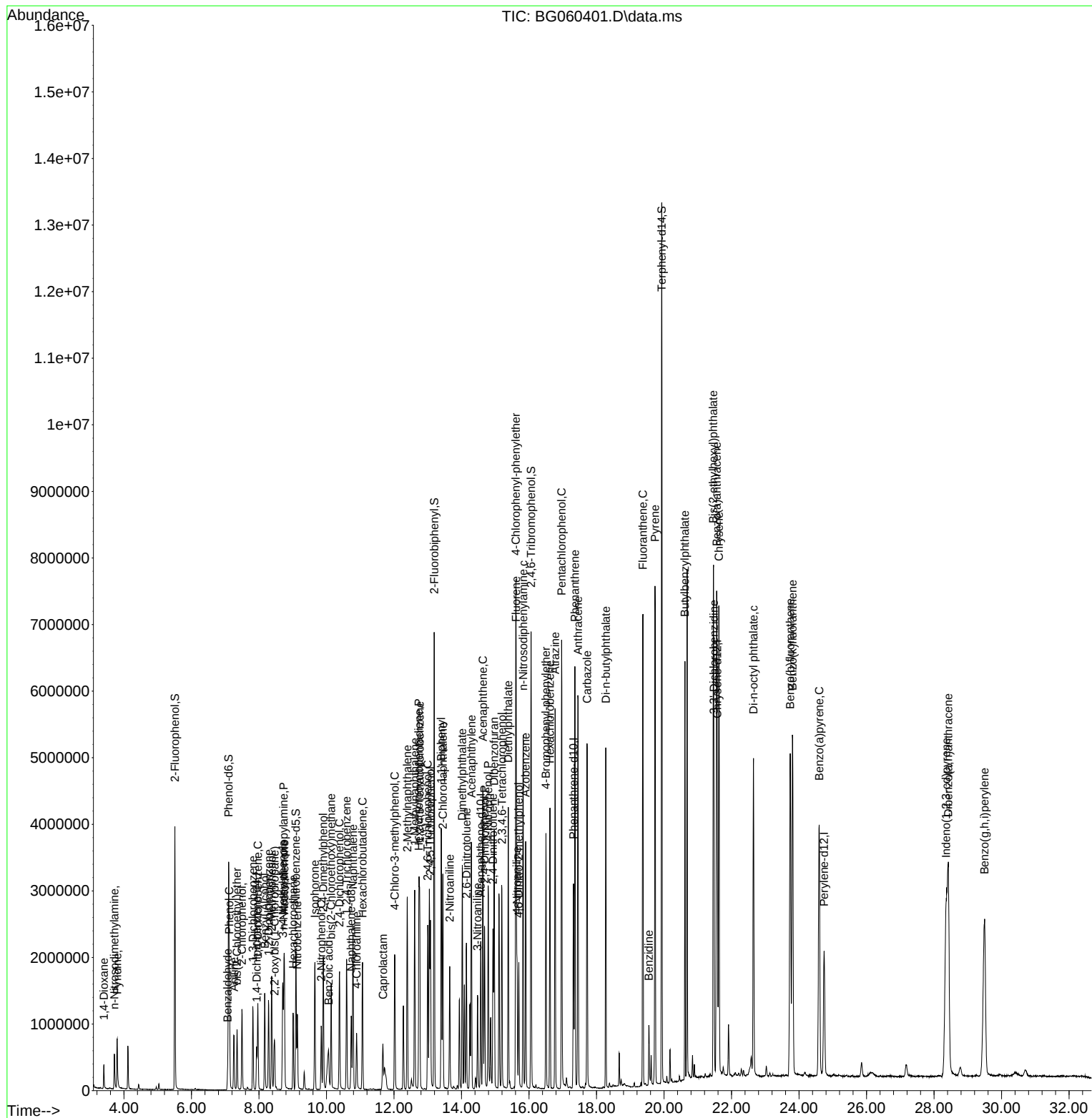
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
Data File : BG060401.D
Acq On : 23 Jan 2024 13:08
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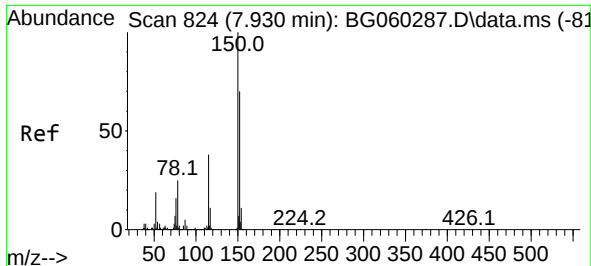
Instrument :
BNA_G
ClientSampleId :
PB158553BS

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

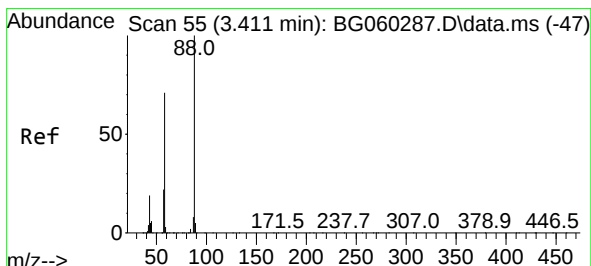
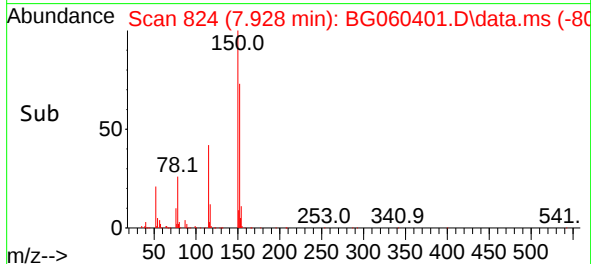
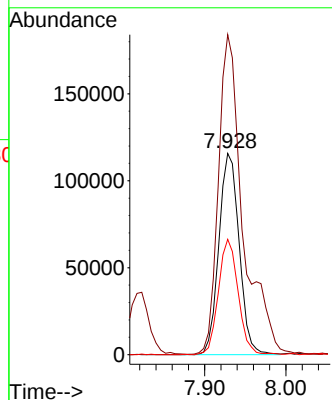
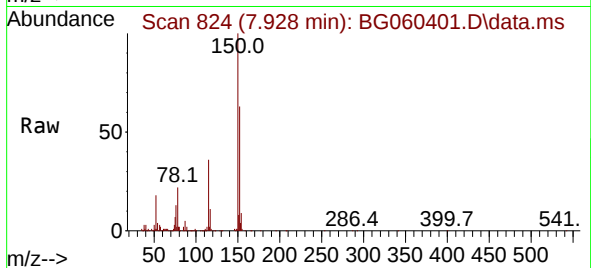
PB158553BS

Tgt Ion:152 Resp: 20111
Ion Ratio Lower Upper
152 100
150 159.0 114.5 171.7
115 57.3 43.0 64.6

Manual Integrations

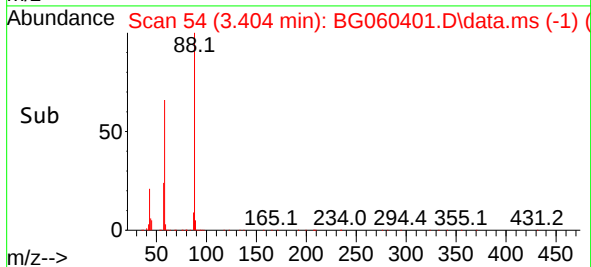
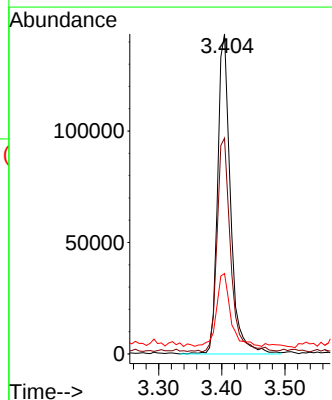
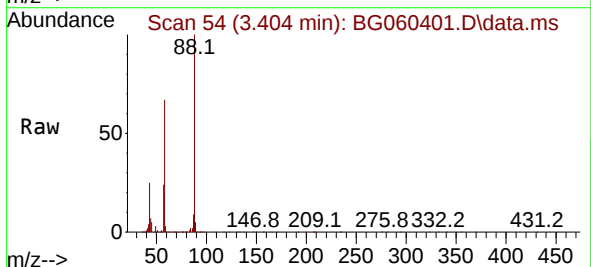
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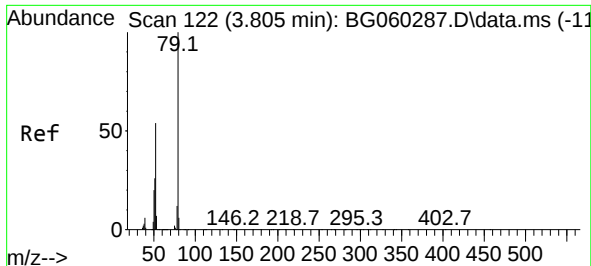
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#2
1,4-Dioxane
Concen: 36.379 ng
RT: 3.404 min Scan# 54
Delta R.T. -0.007 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

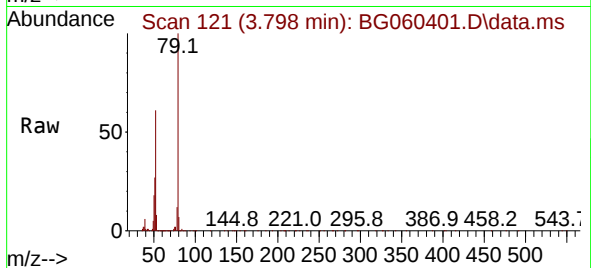
Tgt Ion: 88 Resp: 203191
Ion Ratio Lower Upper
88 100
58 69.6 55.9 83.9
43 24.8 16.6 24.8





#3
Pyridine
Concen: 32.488 ng
RT: 3.798 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

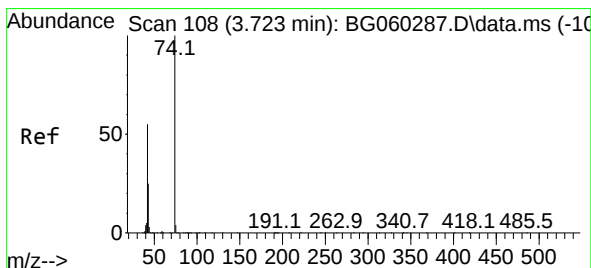
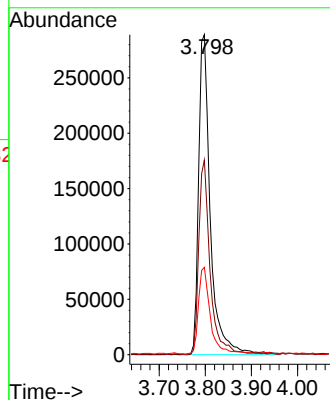
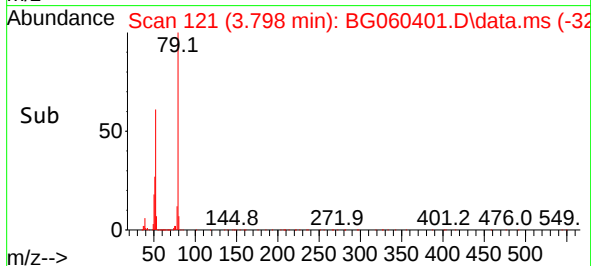
Instrument :
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ClientSampleId :
PB158553BS



Tgt Ion: 79 Resp: 511974
Ion Ratio Lower Upper
79 100
52 60.9 43.2 64.8
51 27.3 21.4 32.2

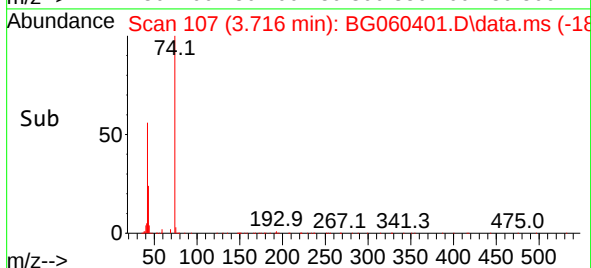
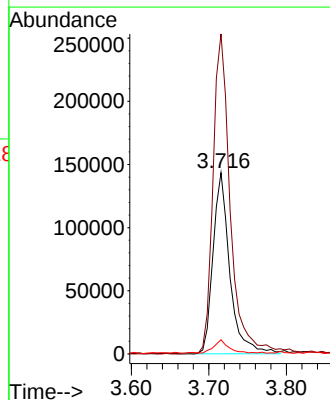
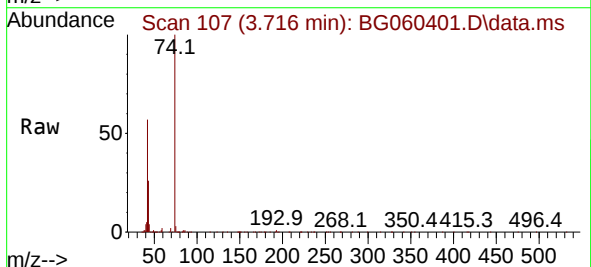
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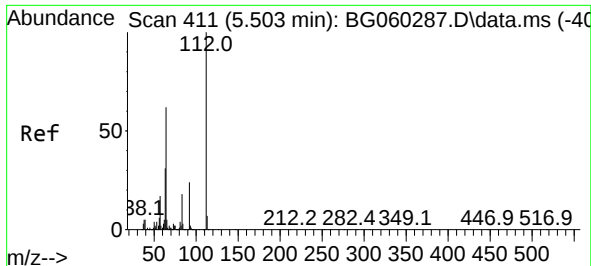
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#4
n-Nitrosodimethylamine
Concen: 43.752 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.007 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion: 42 Resp: 215784
Ion Ratio Lower Upper
42 100
74 176.5 145.1 217.7
44 7.8 5.2 7.8#





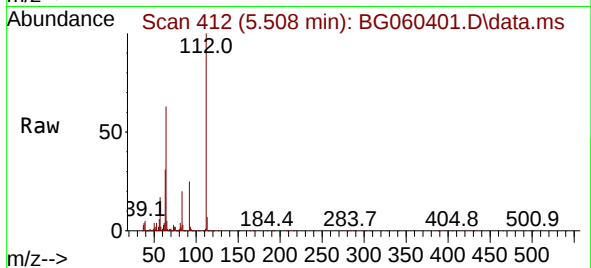
#5
2-Fluorophenol
Concen: 151.560 ng
RT: 5.508 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

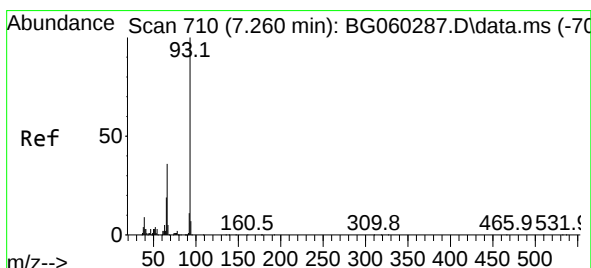
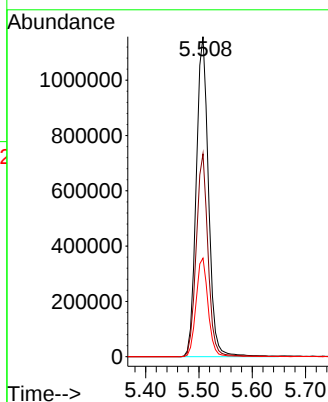
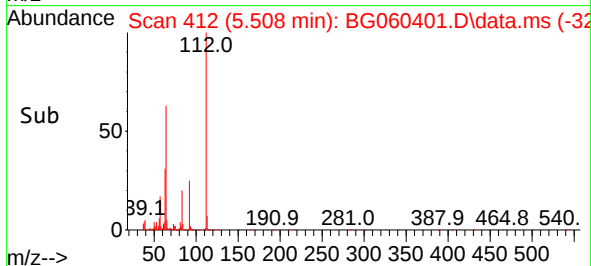


Tgt Ion:112 Resp: 185318
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.6
63 30.8 24.4 36.6

Manual Integrations

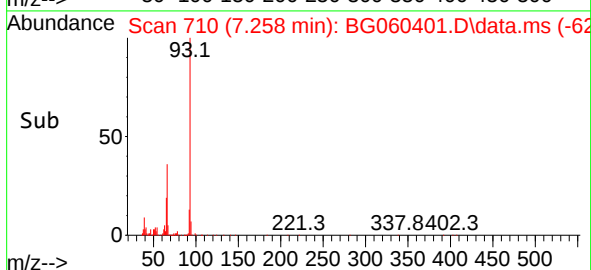
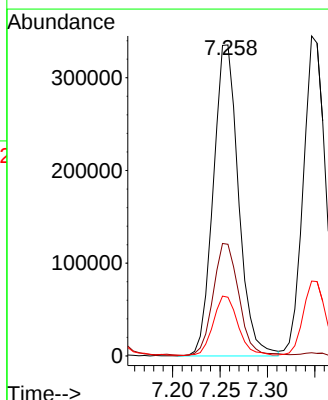
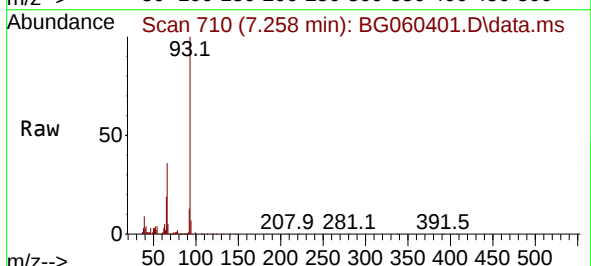
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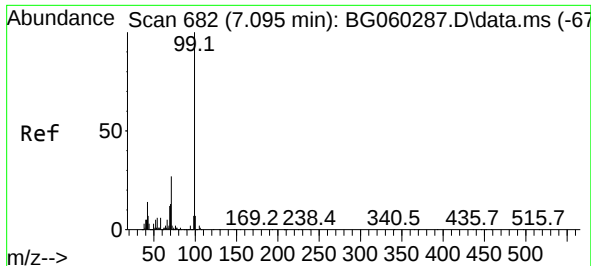
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#6
Aniline
Concen: 34.374 ng
RT: 7.258 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

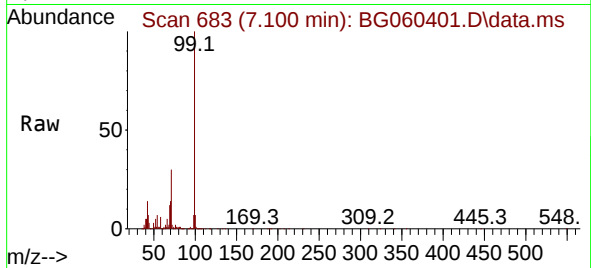
Tgt Ion: 93 Resp: 622095
Ion Ratio Lower Upper
93 100
66 35.9 29.0 43.4
65 18.9 15.1 22.7





#7
Phenol-d6
Concen: 126.167 ng
RT: 7.100 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

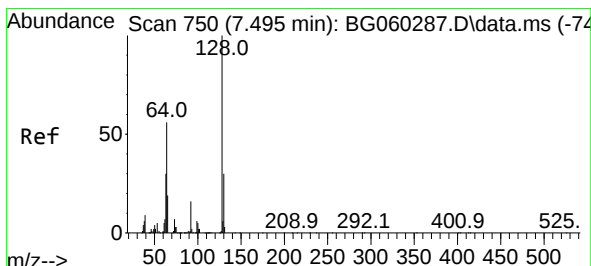
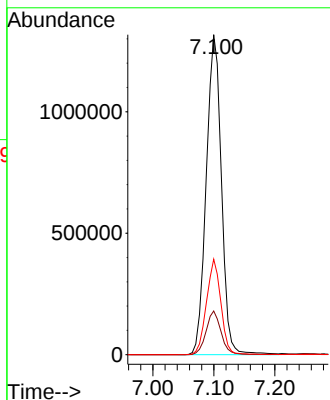
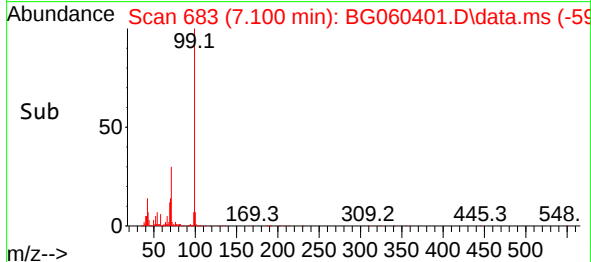
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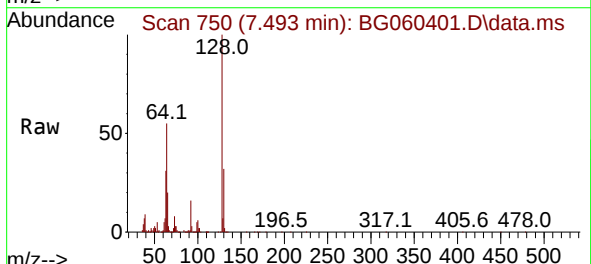
Tgt Ion: 99 Resp: 228436
Ion Ratio Lower Upper
99 100
42 13.7 10.9 16.3
71 29.8 21.5 32.3

Manual Integrations
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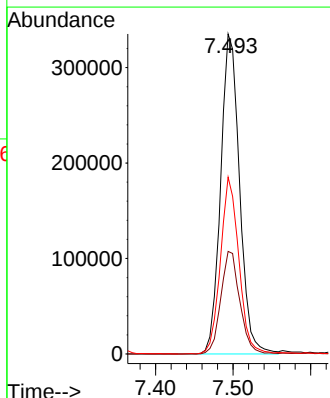
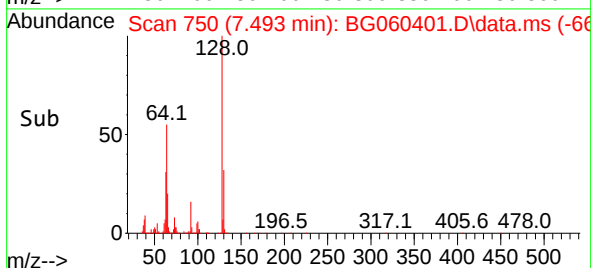
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

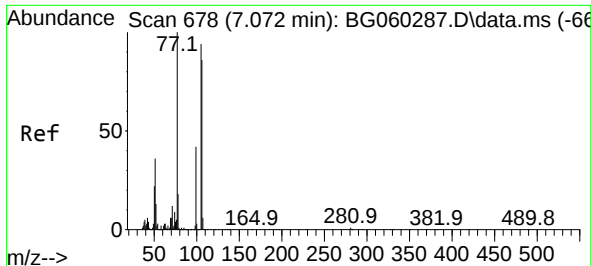


#8
2-Chlorophenol
Concen: 47.067 ng
RT: 7.493 min Scan# 750
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08



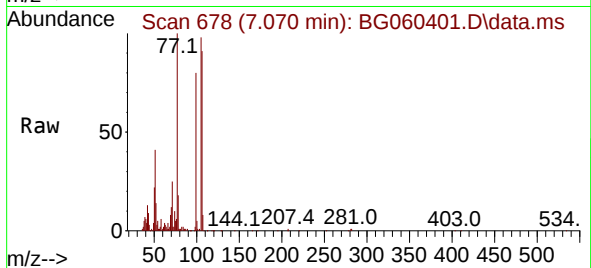
Tgt Ion:128 Resp: 570351
Ion Ratio Lower Upper
128 100
130 32.1 9.9 49.9
64 55.2 37.8 77.8





#9
Benzaldehyde
Concen: 11.070 ng m
RT: 7.070 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

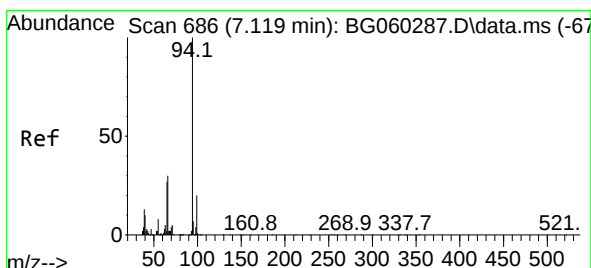
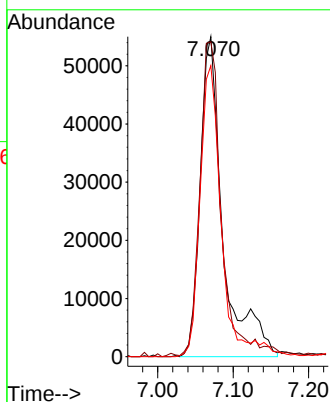
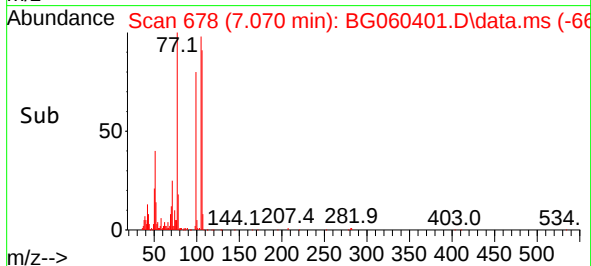
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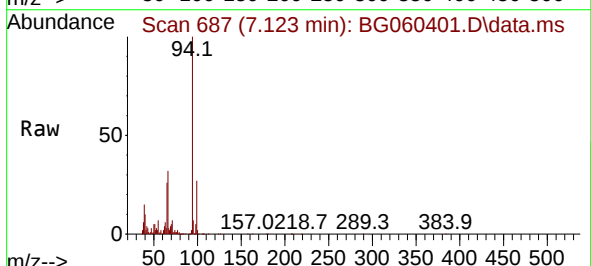
Tgt Ion: 77 Resp: 11504
Ion Ratio Lower Upper
77 100
105 98.4 73.6 113.6
106 91.0 66.2 106.2

Manual Integrations
APPROVED

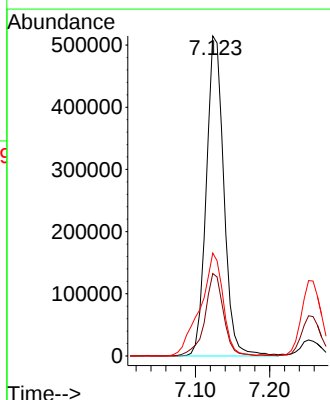
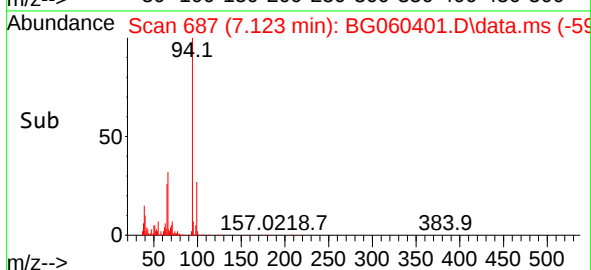
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

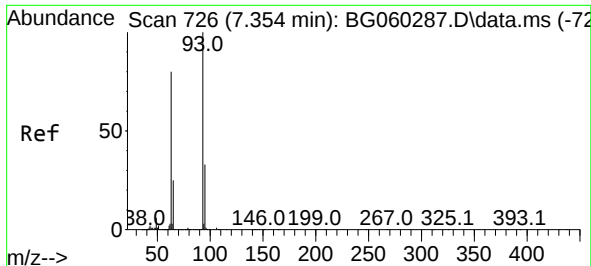


#10
Phenol
Concen: 46.544 ng
RT: 7.123 min Scan# 687
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08



Tgt Ion: 94 Resp: 844938
Ion Ratio Lower Upper
94 100
65 25.7 6.7 46.7
66 32.1 10.6 50.6





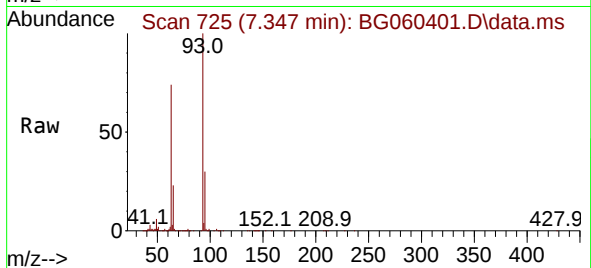
#11
bis(2-Chloroethyl)ether
Concen: 39.577 ng
RT: 7.347 min Scan# 712
Delta R.T. -0.007 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

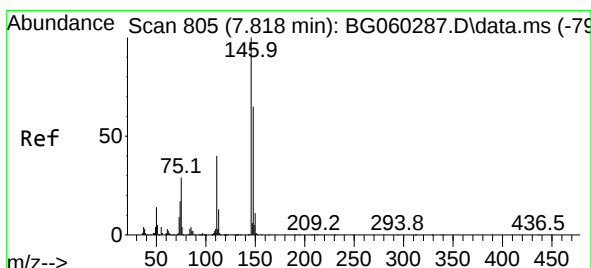
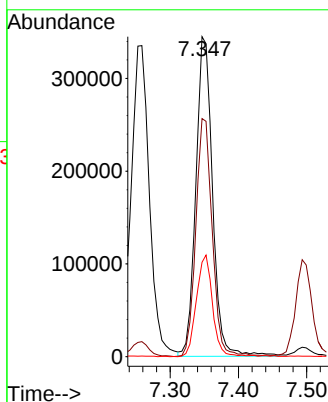
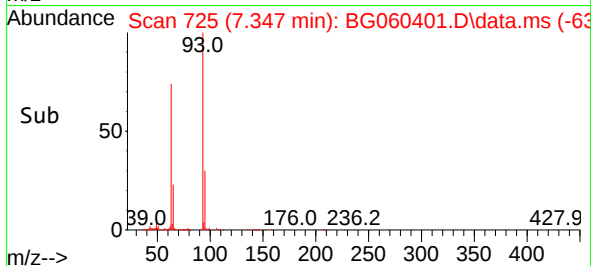


Tgt Ion: 93 Resp: 58544
Ion Ratio Lower Upper
93 100
63 74.4 59.3 99.3
95 29.5 12.8 52.8

Manual Integrations

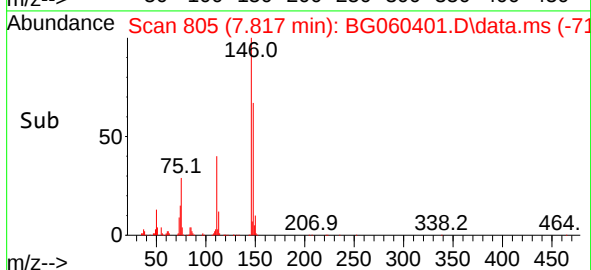
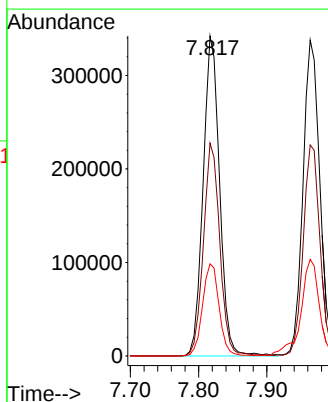
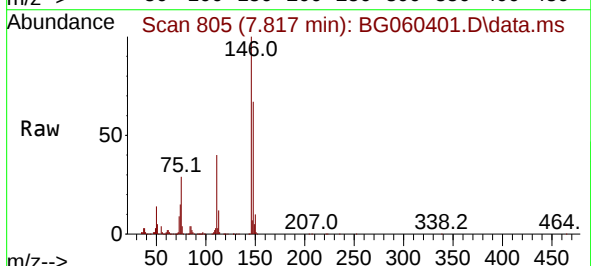
APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#12
1,3-Dichlorobenzene
Concen: 37.889 ng
RT: 7.817 min Scan# 805
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

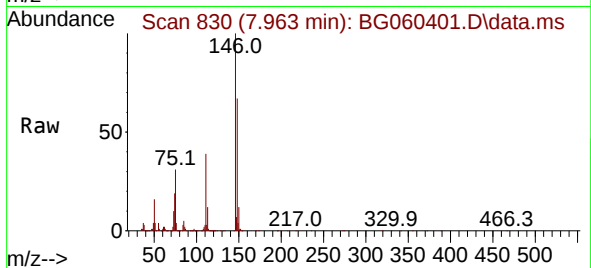
Tgt Ion:146 Resp: 576301
Ion Ratio Lower Upper
146 100
148 66.5 52.3 78.5
75 28.8 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 37.242 ng
RT: 7.963 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

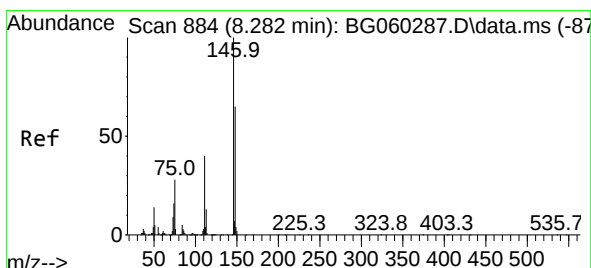
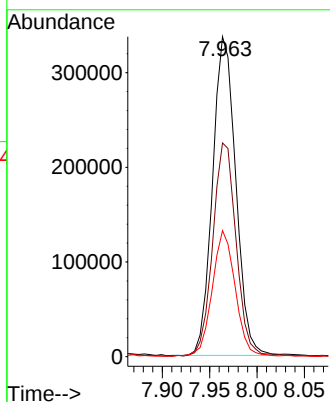
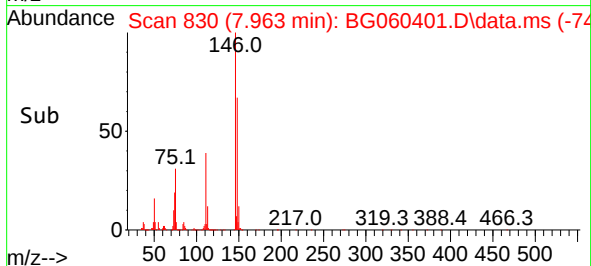
Instrument :
BNA_G
ClientSampleId :
PB158553BS



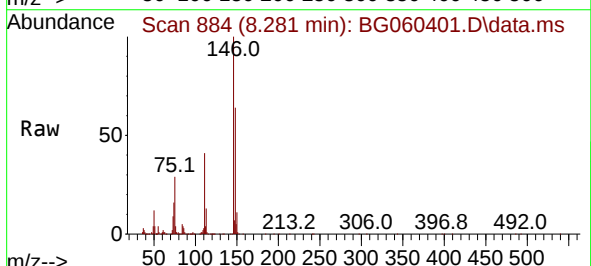
Tgt Ion:146 Resp: 574730
Ion Ratio Lower Upper
146 100
148 66.8 52.7 79.1
111 39.4 31.4 47.0

Manual Integrations
APPROVED

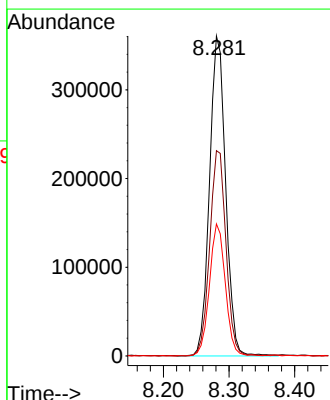
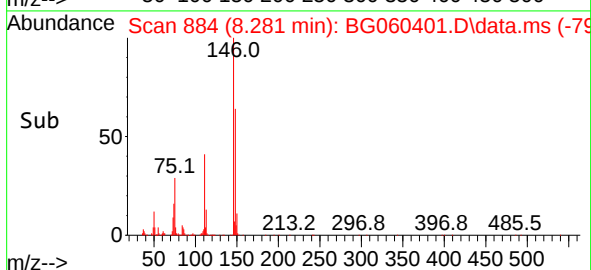
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

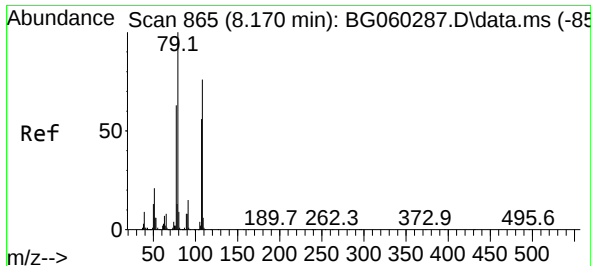


#14
1,2-Dichlorobenzene
Concen: 38.755 ng
RT: 8.281 min Scan# 884
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08



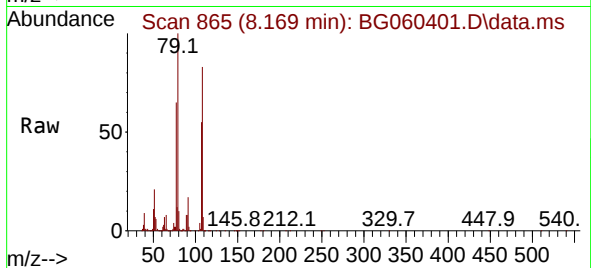
Tgt Ion:146 Resp: 615002
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 41.3 32.6 48.8





#15
Benzyl Alcohol
Concen: 47.254 ng
RT: 8.169 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

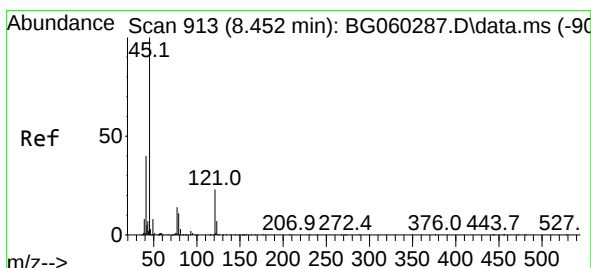
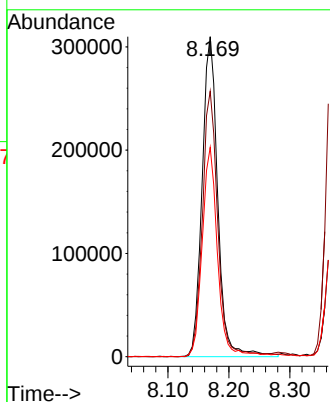
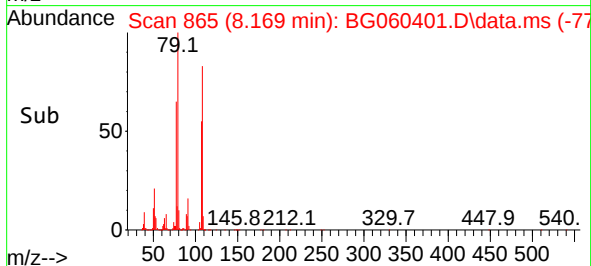
Instrument :
BNA_G
ClientSampleId :
PB158553BS



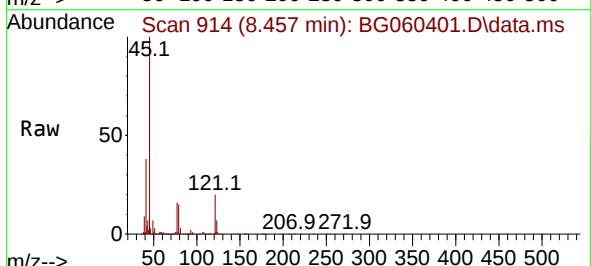
Tgt Ion: 79 Resp: 553829
Ion Ratio Lower Upper
79 100
108 82.9 61.2 91.8
77 65.4 50.3 75.5

Manual Integrations
APPROVED

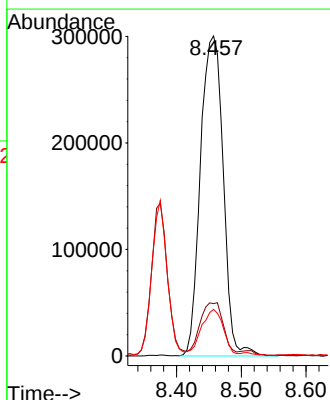
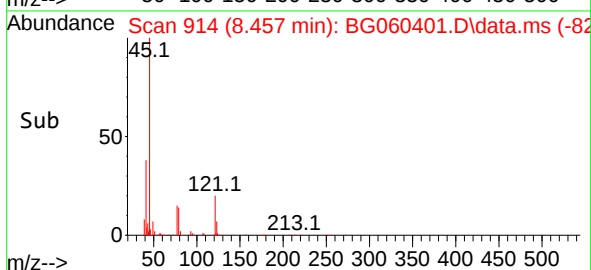
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

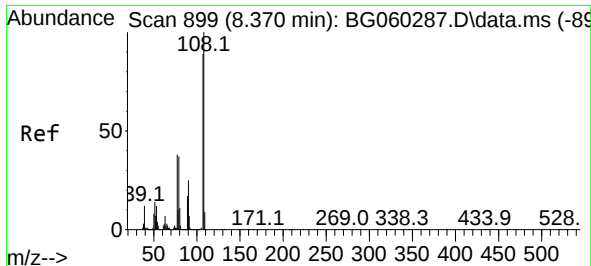


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.946 ng m
RT: 8.457 min Scan# 914
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08



Tgt Ion: 45 Resp: 735144
Ion Ratio Lower Upper
45 100
77 16.3 0.0 37.3
79 14.6 0.0 34.0





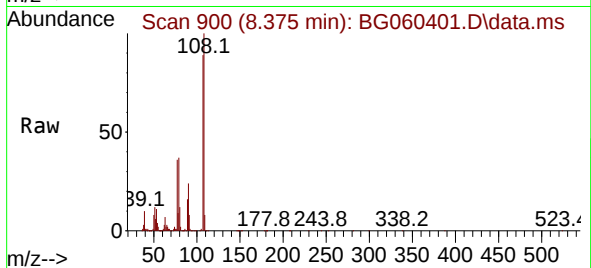
#17
2-Methylphenol
Concen: 47.549 ng
RT: 8.375 min Scan# 900
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

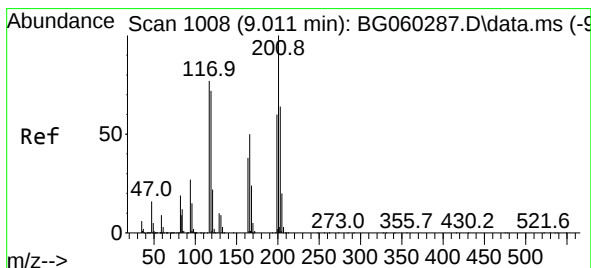
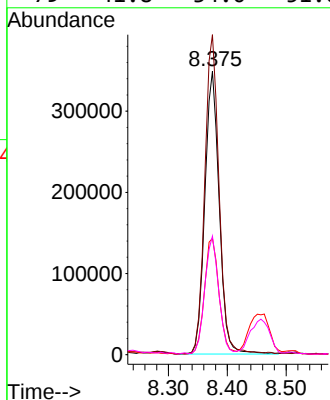
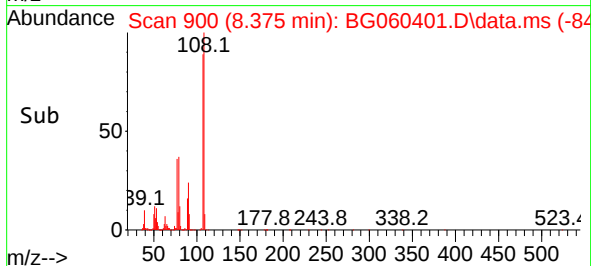


Tgt Ion:107 Resp: 592874
Ion Ratio Lower Upper
107 100
108 112.9 90.5 135.7
77 41.1 35.0 52.6
79 41.8 34.0 51.0

Manual Integrations

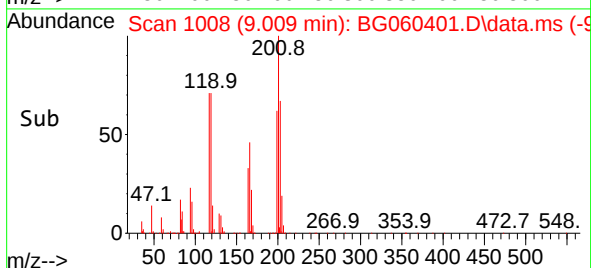
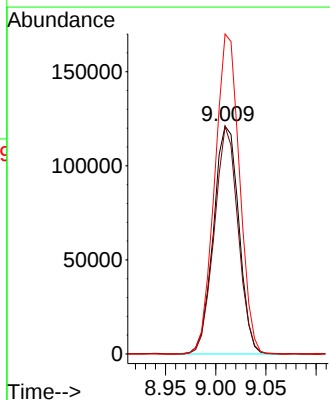
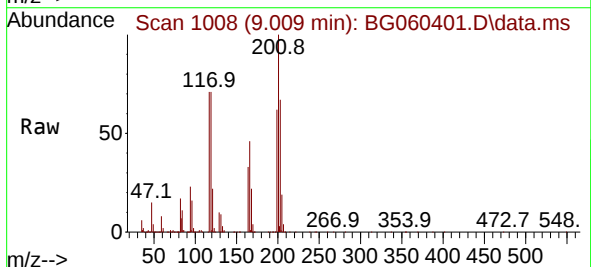
APPROVED

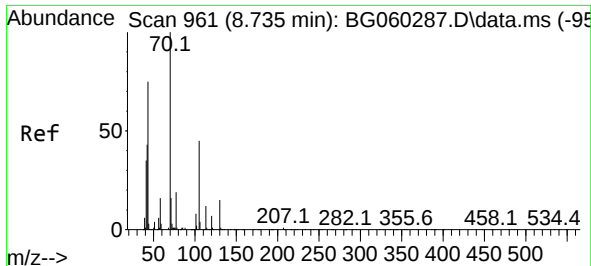
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#18
Hexachloroethane
Concen: 39.288 ng
RT: 9.009 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:117 Resp: 212582
Ion Ratio Lower Upper
117 100
119 99.8 74.5 111.7
201 140.4 106.3 159.5





#19
n-Nitroso-di-n-propylamine
Concen: 41.931 ng
RT: 8.733 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

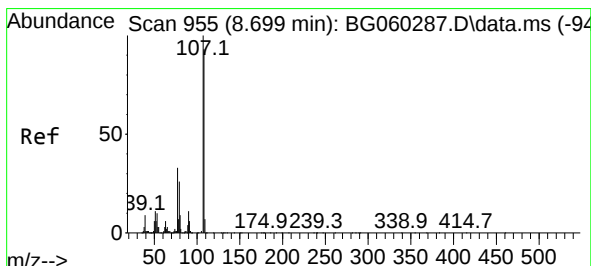
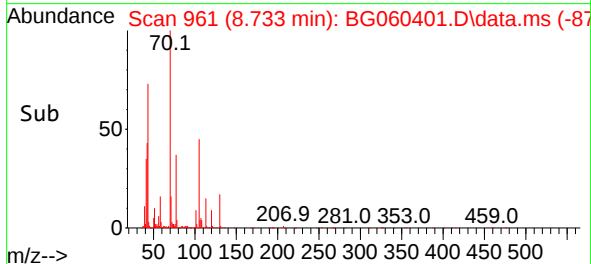
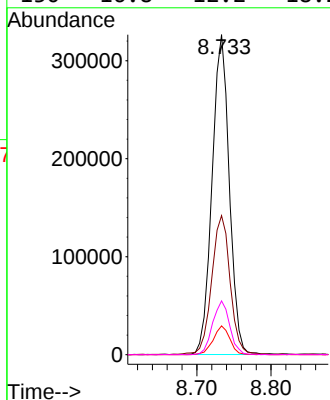
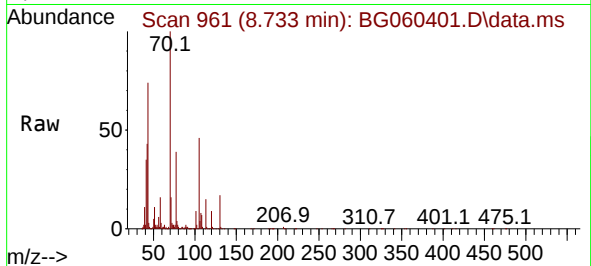
ClientSampleId :

PB158553BS

Tgt Ion: 70 Resp: 525450
Ion Ratio Lower Upper
70 100
42 43.5 34.3 51.5
101 9.0 6.2 9.2
130 16.8 12.2 18.2

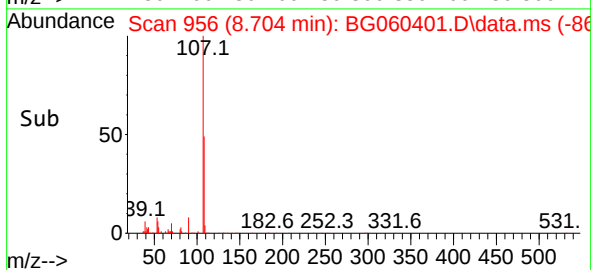
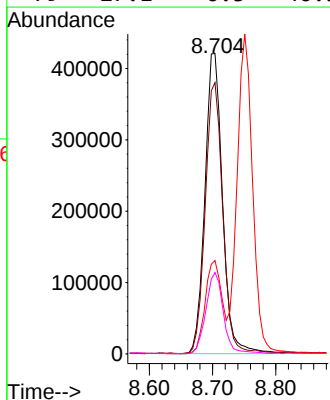
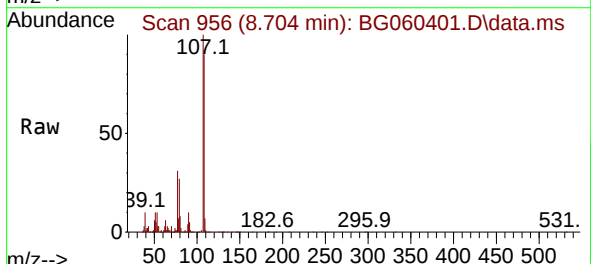
Manual Integrations
APPROVED

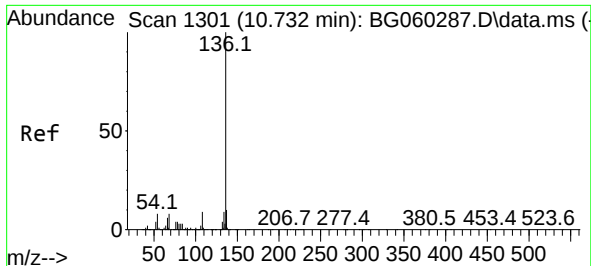
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#20
3+4-Methylphenols
Concen: 48.506 ng
RT: 8.704 min Scan# 956
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:107 Resp: 815465
Ion Ratio Lower Upper
107 100
108 90.3 72.5 112.5
77 31.1 13.0 53.0
79 27.1 6.3 46.3





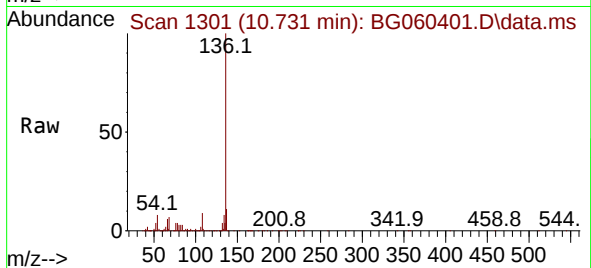
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

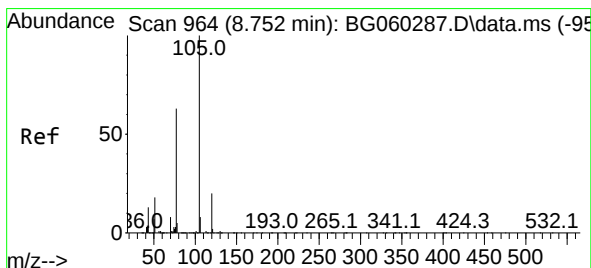
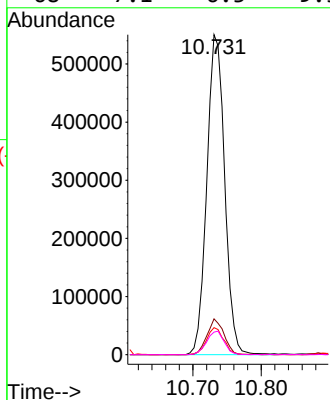
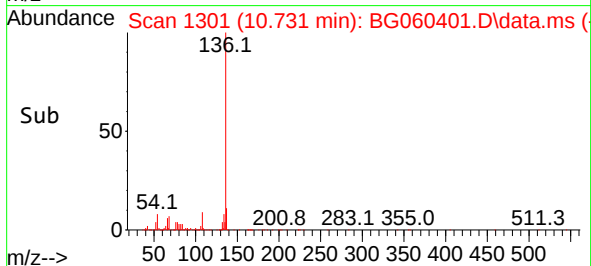


Tgt Ion:136 Resp: 1003580
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 8.5 6.2 9.2
68 7.1 6.3 9.5

Manual Integrations

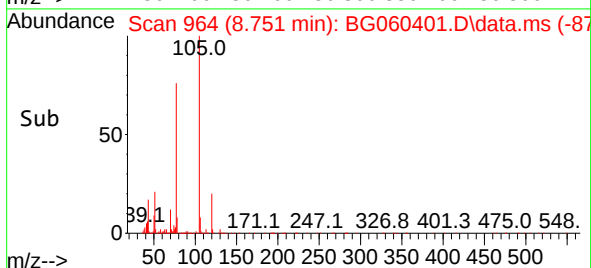
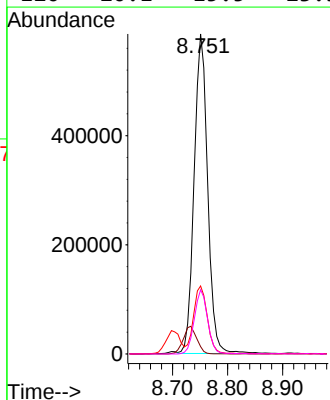
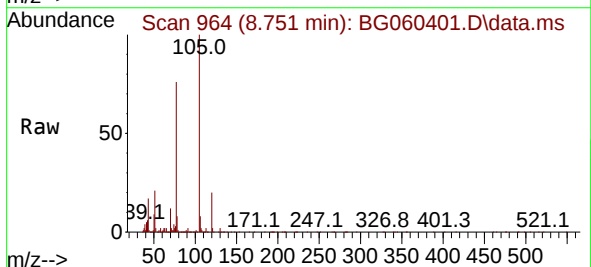
APPROVED

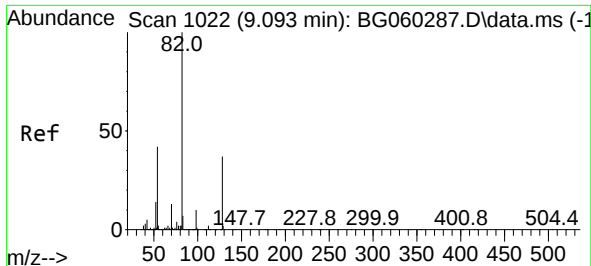
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#22
Acetophenone
Concen: 36.188 ng
RT: 8.751 min Scan# 964
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:105 Resp: 998308
Ion Ratio Lower Upper
105 100
71 2.3 1.7 2.5
51 21.3 18.2 27.2
120 20.1 15.5 23.3





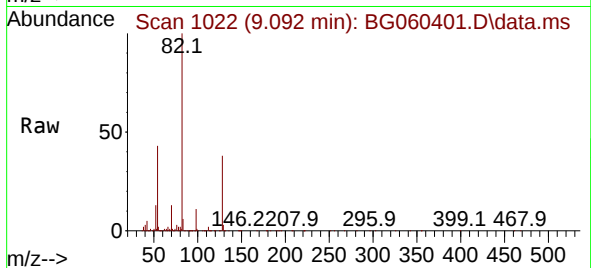
#23
Nitrobenzene-d5
Concen: 68.145 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

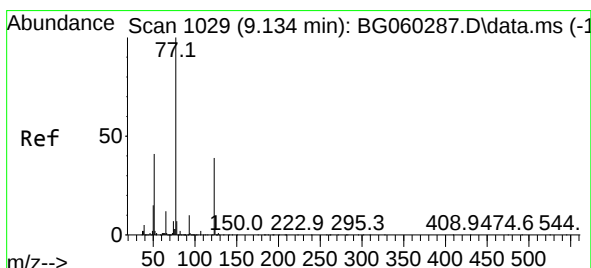
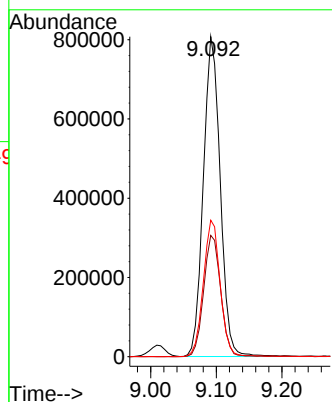
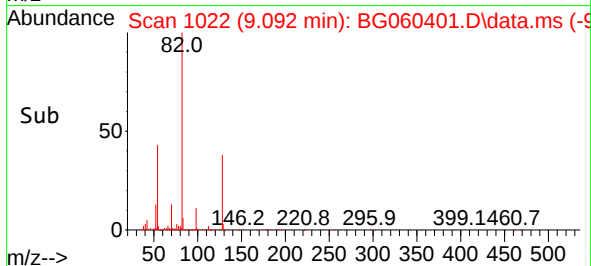


Tgt Ion: 82 Resp: 1448314
Ion Ratio Lower Upper
82 100
128 37.9 29.6 44.4
54 42.7 33.6 50.4

Manual Integrations

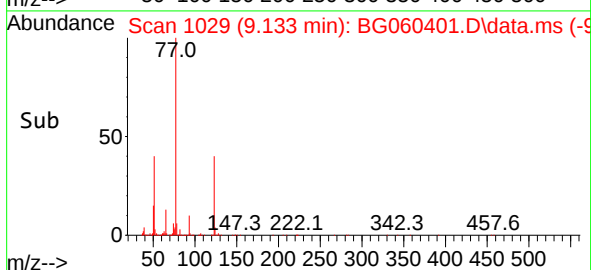
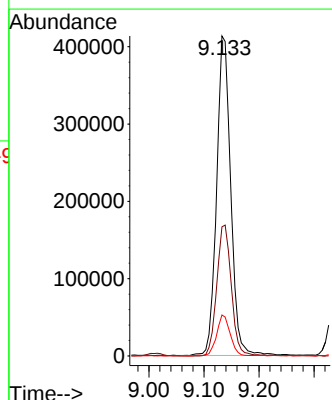
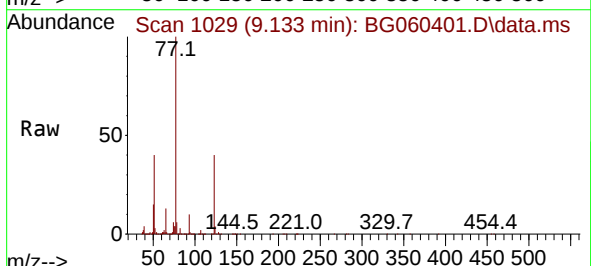
APPROVED

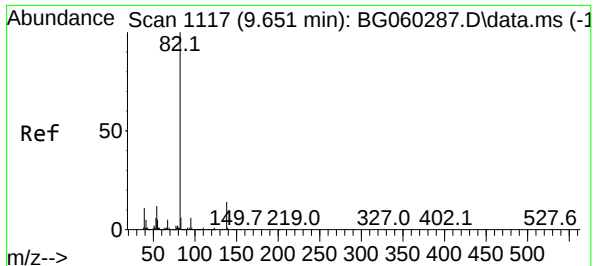
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#24
Nitrobenzene
Concen: 33.454 ng
RT: 9.133 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

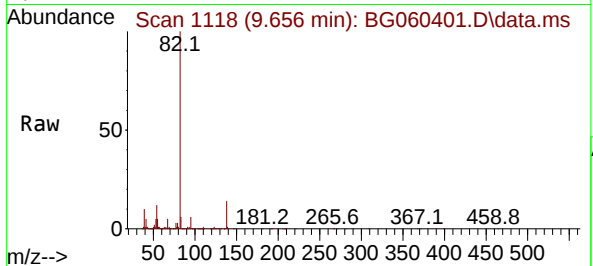
Tgt Ion: 77 Resp: 737075
Ion Ratio Lower Upper
77 100
123 40.3 31.4 47.0
65 12.8 9.6 14.4





#25
Isophorone
Concen: 38.136 ng
RT: 9.656 min Scan# 1117
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

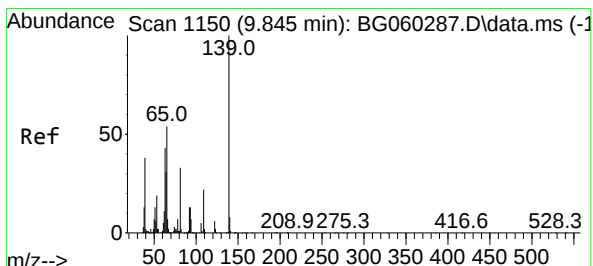
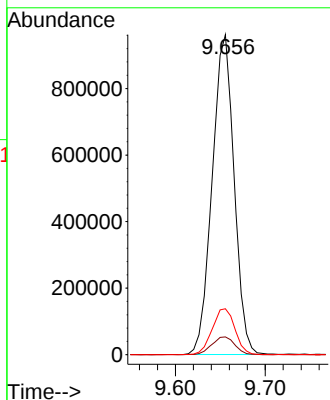
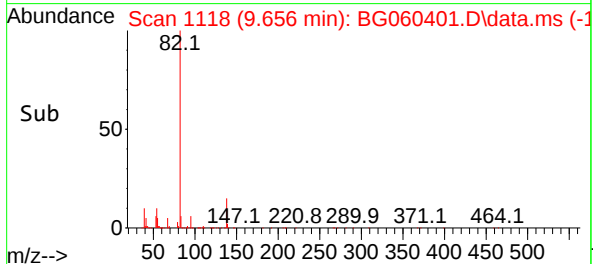
Instrument :
BNA_G
ClientSampleId :
PB158553BS



Tgt Ion: 82 Resp: 162770
Ion Ratio Lower Upper
82 100
95 5.6 4.7 7.1
138 14.3 11.1 16.7

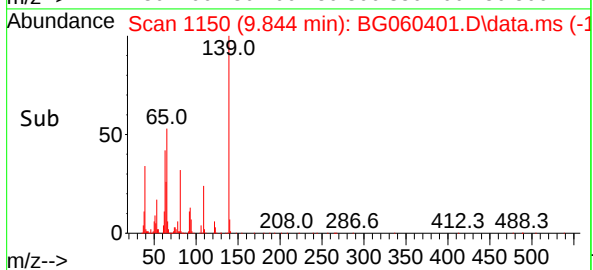
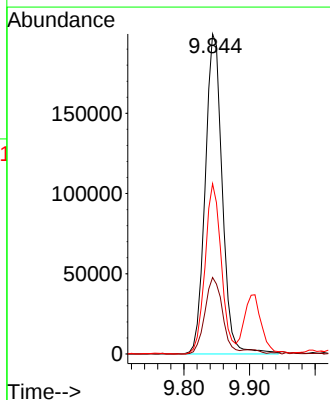
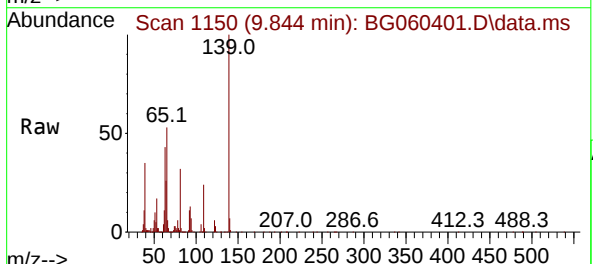
Manual Integrations
APPROVED

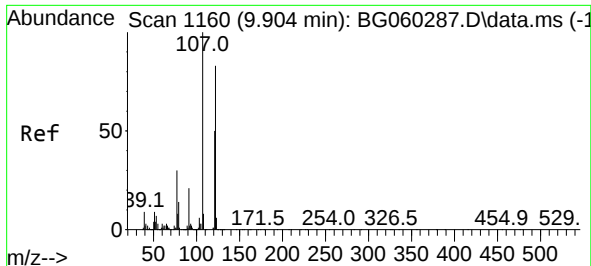
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#26
2-Nitrophenol
Concen: 44.558 ng
RT: 9.844 min Scan# 1150
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:139 Resp: 360953
Ion Ratio Lower Upper
139 100
109 23.9 17.6 26.4
65 53.2 43.6 65.4





#27
2,4-Dimethylphenol
Concen: 62.423 ng
RT: 9.902 min Scan# 1160
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

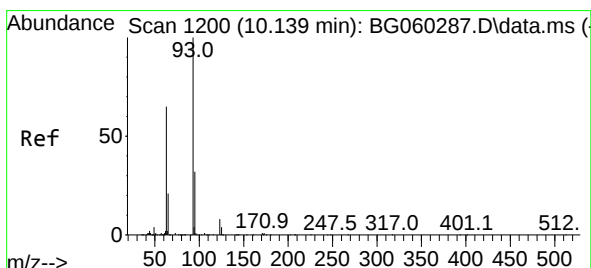
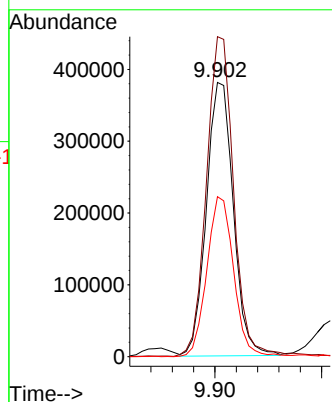
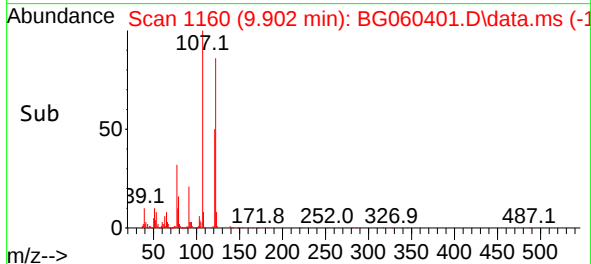
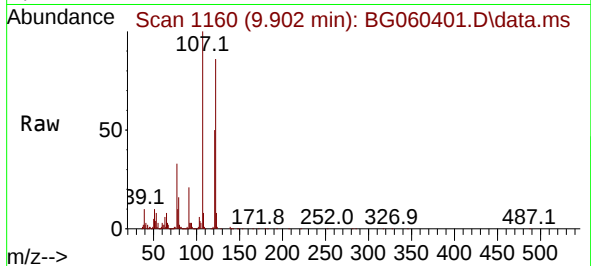
PB158553BS

Tgt Ion:122 Resp: 66818
Ion Ratio Lower Upper
122 100
107 116.7 95.4 143.0
121 58.3 47.7 71.5

Manual Integrations

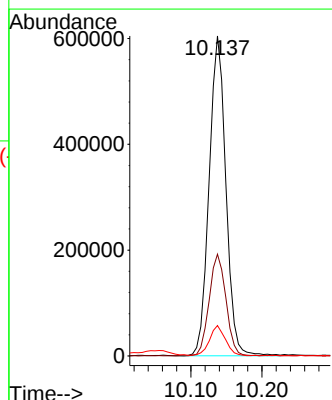
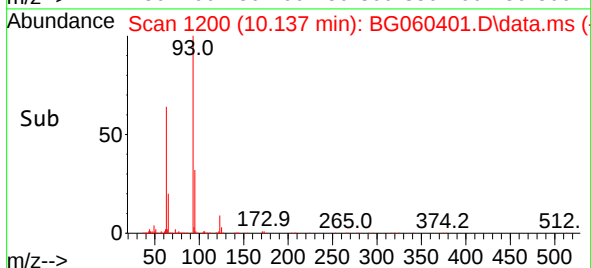
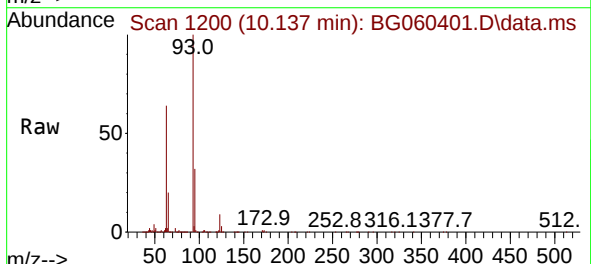
APPROVED

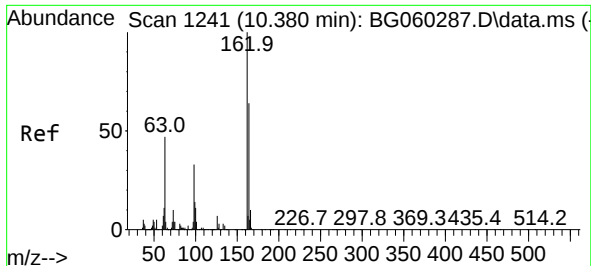
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.125 ng
RT: 10.137 min Scan# 1200
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion: 93 Resp: 994250
Ion Ratio Lower Upper
93 100
95 31.8 25.4 38.0
123 9.5 6.7 10.1





#29

2,4-Dichlorophenol

Concen: 45.576 ng

RT: 10.384 min Scan# 1241

Delta R.T. 0.005 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

Tgt Ion:162 Resp: 79056

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

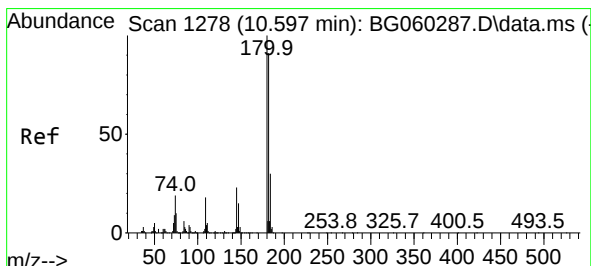
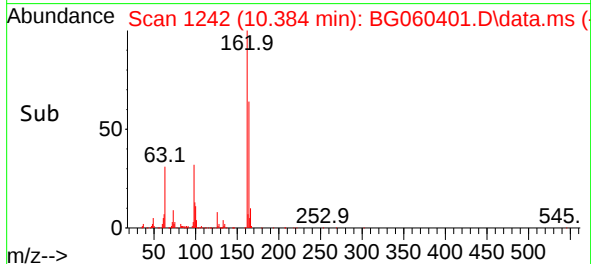
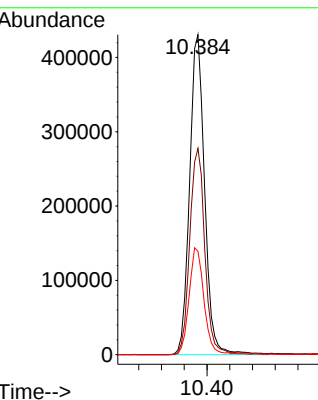
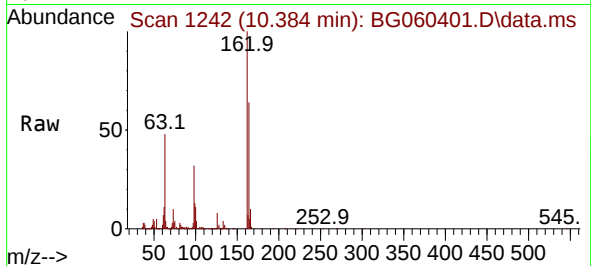
98 32.3 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#30

1,2,4-Trichlorobenzene

Concen: 36.158 ng

RT: 10.596 min Scan# 1278

Delta R.T. -0.001 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

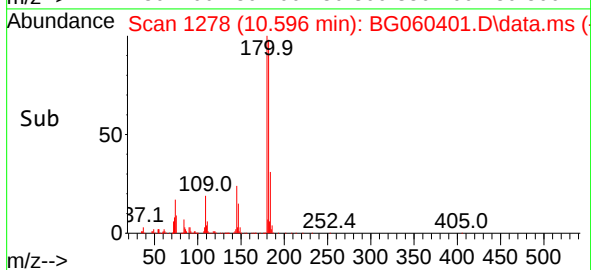
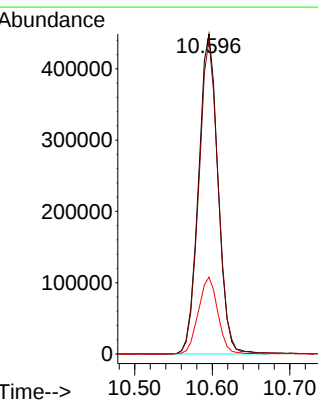
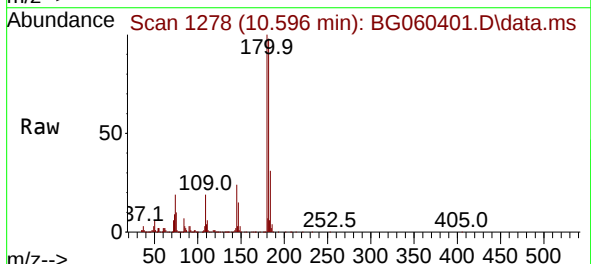
Tgt Ion:180 Resp: 780282

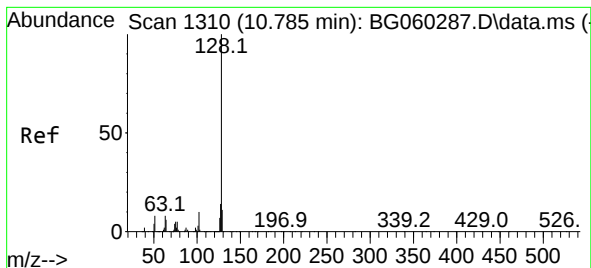
Ion Ratio Lower Upper

180 100

182 98.2 72.7 109.1

145 24.0 18.2 27.2





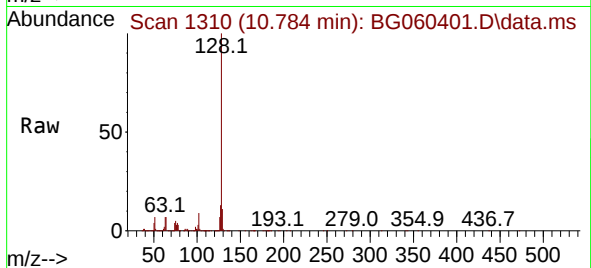
#31
Naphthalene
Concen: 38.255 ng
RT: 10.784 min Scan# 1187
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

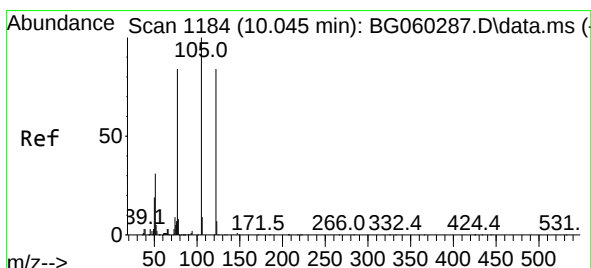
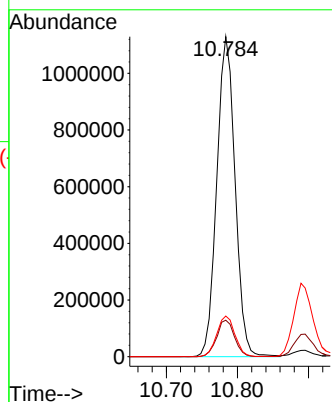
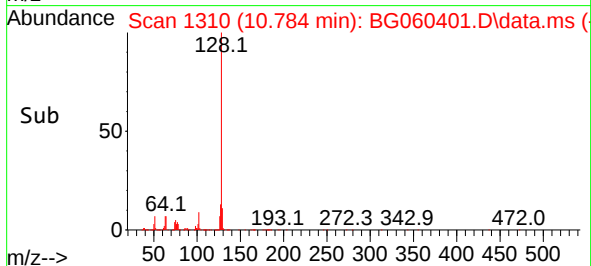


Tgt Ion:128 Resp: 2012450
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.7 10.9 16.3

Manual Integrations

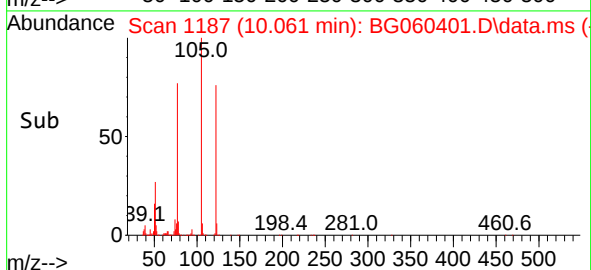
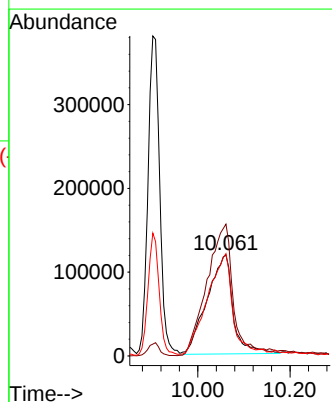
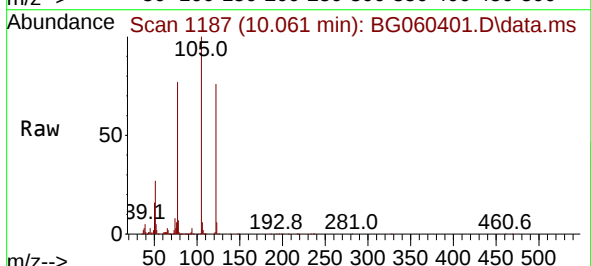
APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#32
Benzoic acid
Concen: 48.922 ng
RT: 10.061 min Scan# 1187
Delta R.T. 0.016 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:122 Resp: 464805
Ion Ratio Lower Upper
122 100
105 130.7 96.0 136.0
77 101.3 80.1 120.1





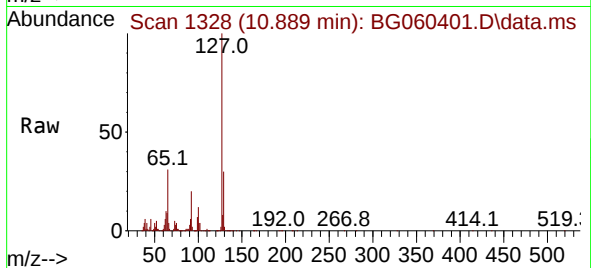
#33
4-Chloroaniline
Concen: 24.329 ng
RT: 10.889 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

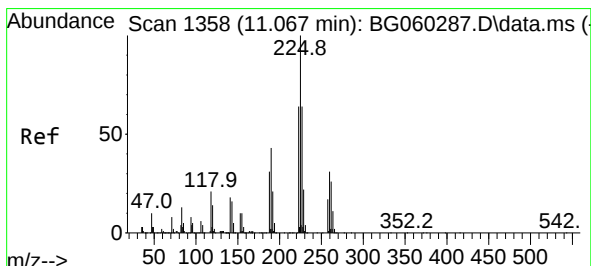
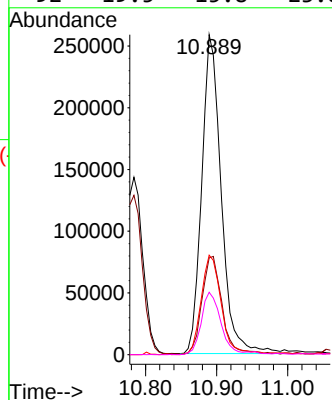
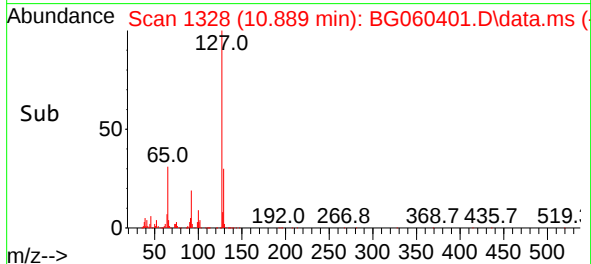


Tgt Ion:127 Resp: 493140
Ion Ratio Lower Upper
127 100
129 30.3 25.5 38.3
65 31.1 27.5 41.3
92 19.5 15.8 23.8

Manual Integrations

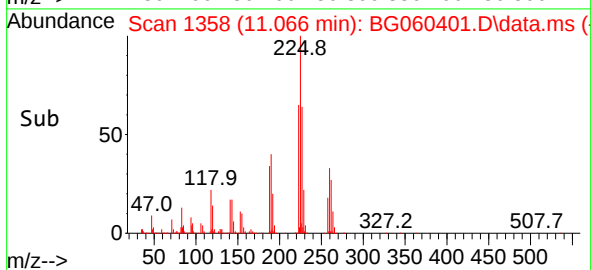
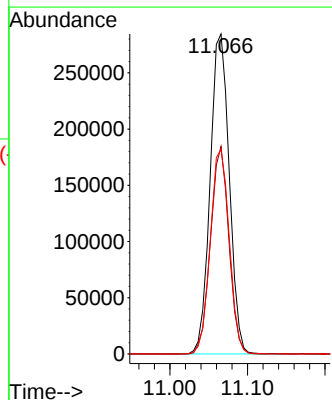
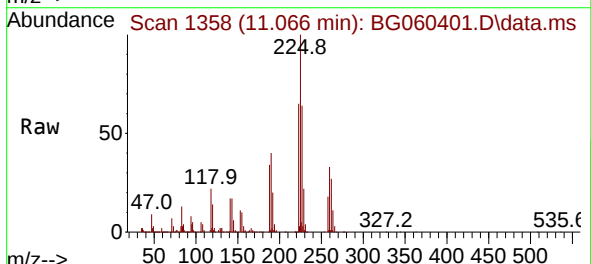
APPROVED

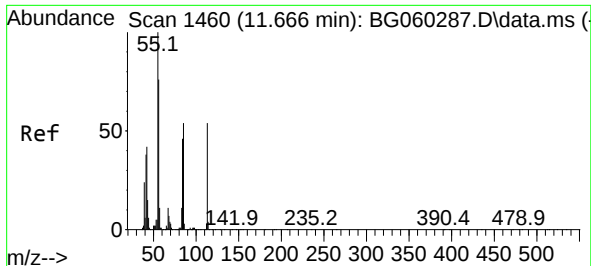
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#34
Hexachlorobutadiene
Concen: 34.573 ng
RT: 11.066 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:225 Resp: 486029
Ion Ratio Lower Upper
225 100
223 64.9 48.7 73.1
227 63.9 48.7 73.1





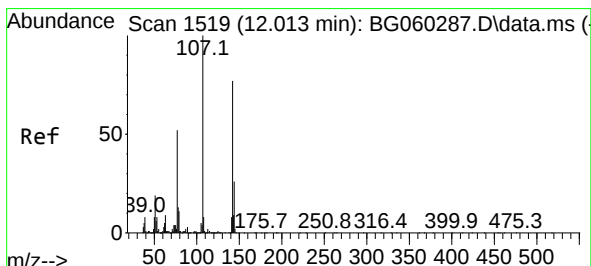
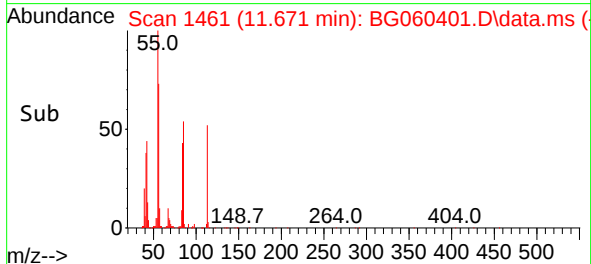
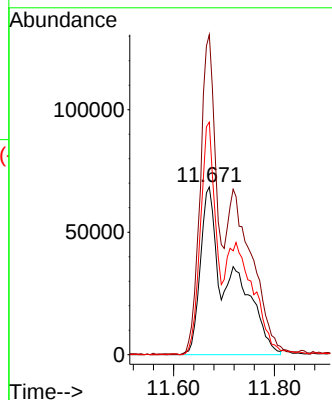
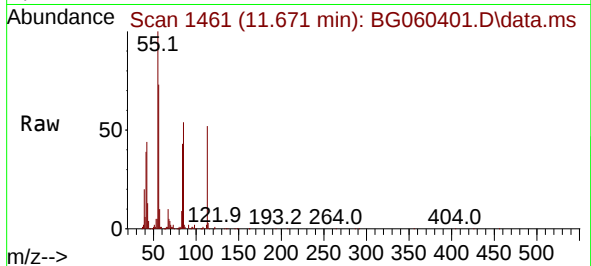
#35
Caprolactam
Concen: 50.698 ng m
RT: 11.671 min Scan# 14
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :
BNA_G
ClientSampleId :
PB158553BS

Tgt Ion:113 Resp: 28324
Ion Ratio Lower Upper
113 100
55 190.7 166.4 206.4
56 138.6 121.0 161.0

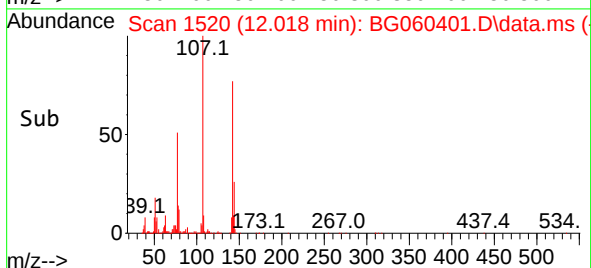
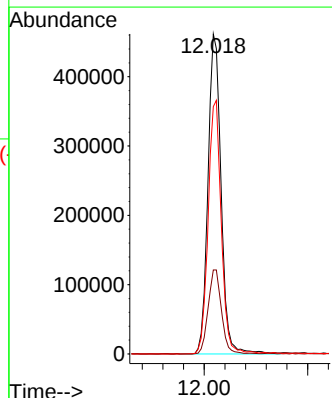
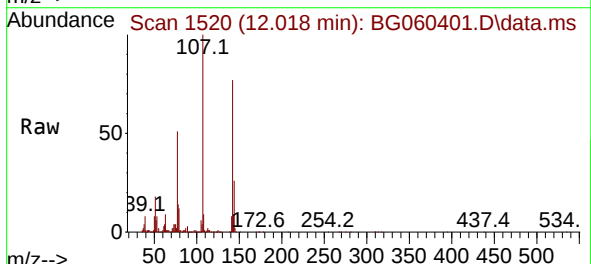
Manual Integrations
APPROVED

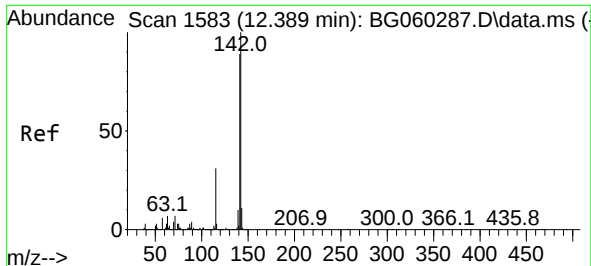
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#36
4-Chloro-3-methylphenol
Concen: 46.039 ng
RT: 12.018 min Scan# 1520
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:107 Resp: 811283
Ion Ratio Lower Upper
107 100
144 26.3 20.6 31.0
142 77.3 61.5 92.3





#37
2-Methylnaphthalene
Concen: 38.627 ng
RT: 12.394 min Scan# 1583
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

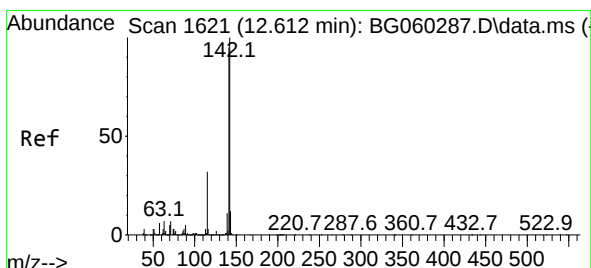
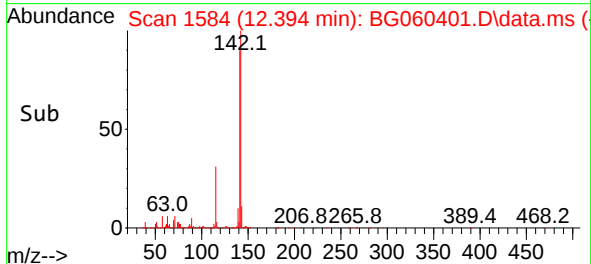
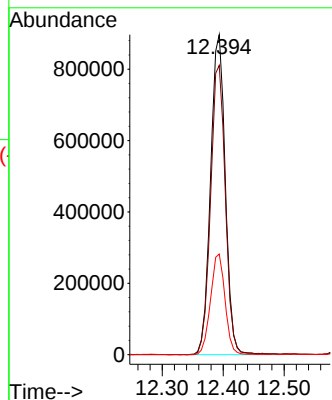
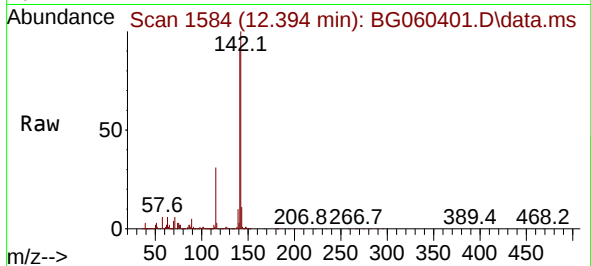
PB158553BS

Tgt Ion:142 Resp: 1507082
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.4
115 31.5 24.7 37.1

Manual Integrations

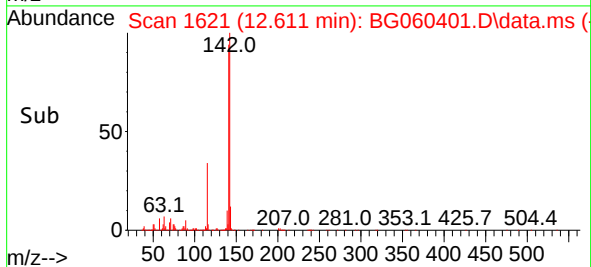
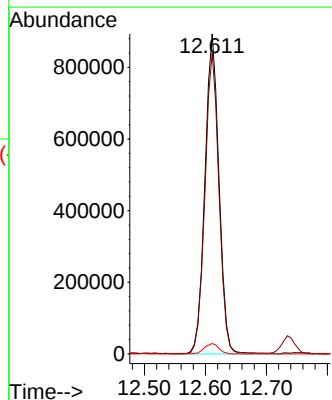
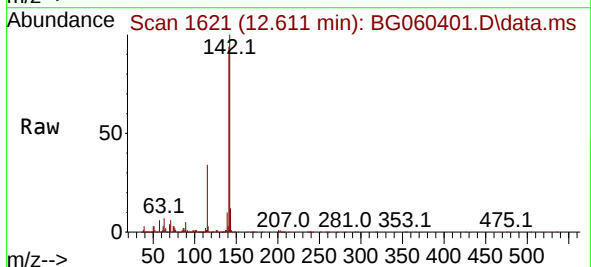
APPROVED

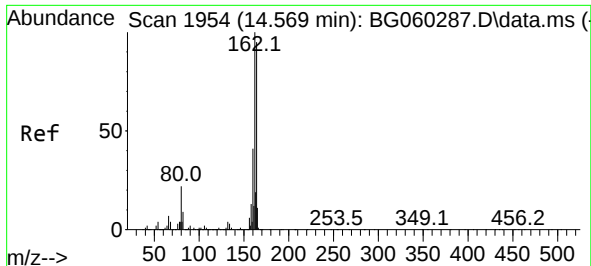
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#38
1-Methylnaphthalene
Concen: 36.681 ng
RT: 12.611 min Scan# 1621
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:142 Resp: 1437132
Ion Ratio Lower Upper
142 100
141 94.1 76.2 114.2
116 3.3 2.6 3.8





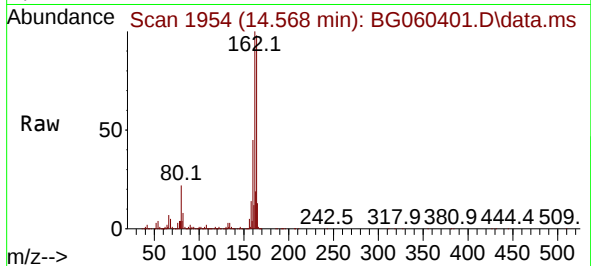
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

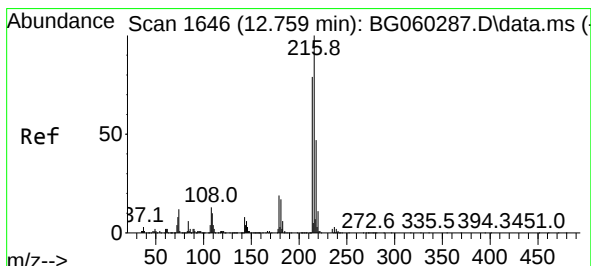
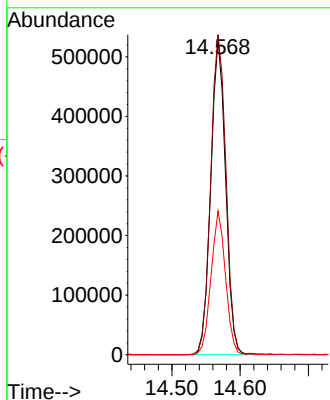
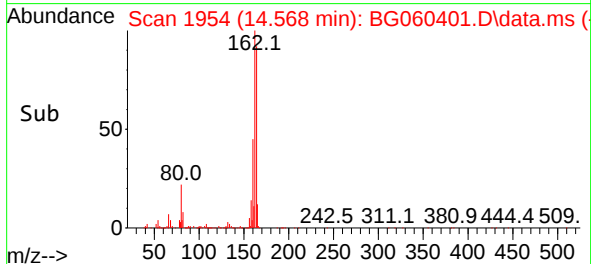


Tgt Ion:164 Resp: 798904
Ion Ratio Lower Upper
164 100
162 101.7 84.4 126.6
160 45.6 34.6 52.0

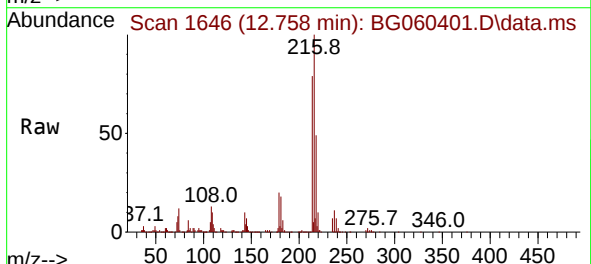
Manual Integrations

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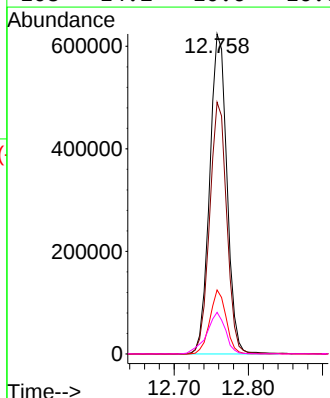
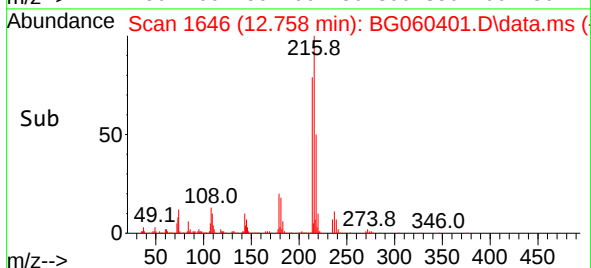
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

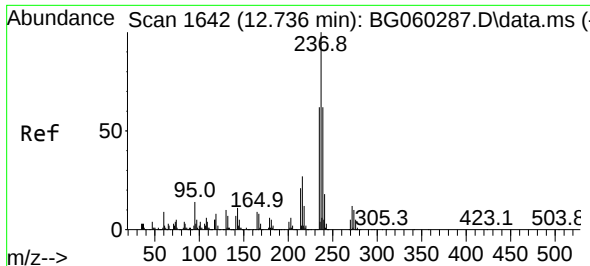


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.597 ng
RT: 12.758 min Scan# 1646
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08



Tgt Ion:216 Resp: 1010016
Ion Ratio Lower Upper
216 100
214 77.8 62.6 93.8
179 18.9 14.8 22.2
108 14.2 10.6 16.0





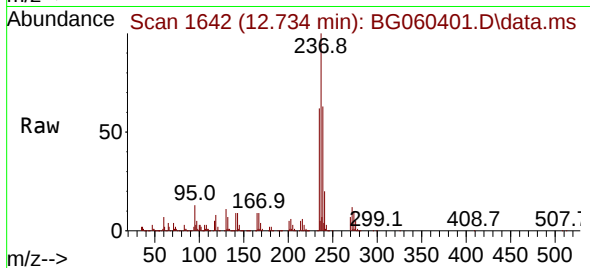
#41
Hexachlorocyclopentadiene
Concen: 95.875 ng
RT: 12.734 min Scan# 10
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

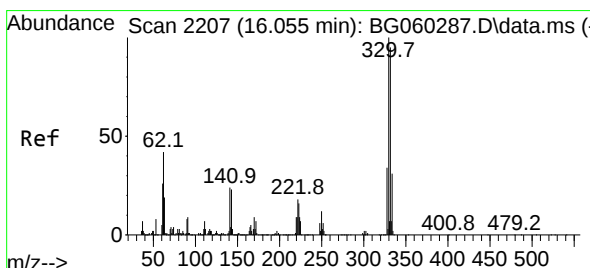
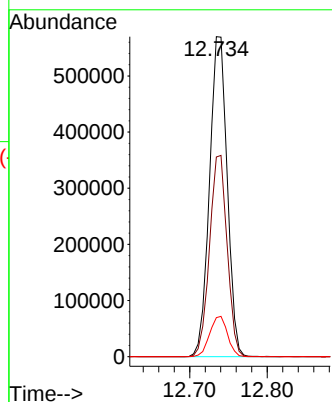
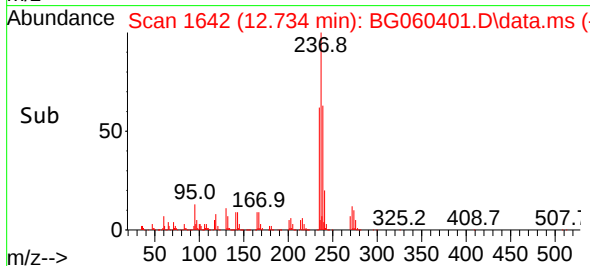


Tgt Ion:237 Resp: 903150
Ion Ratio Lower Upper
237 100
235 62.4 41.6 81.6
272 12.2 0.0 31.8

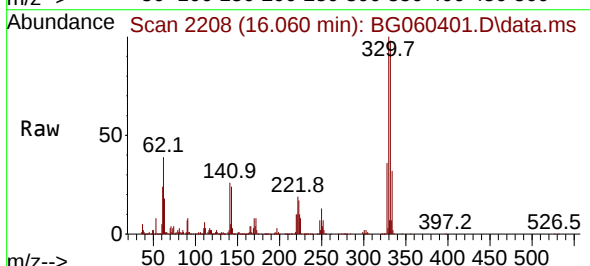
Manual Integrations

APPROVED

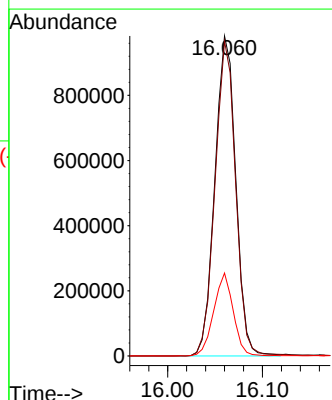
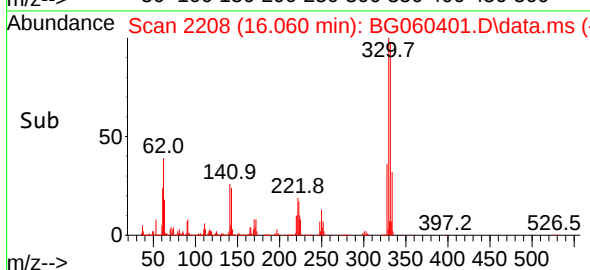
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

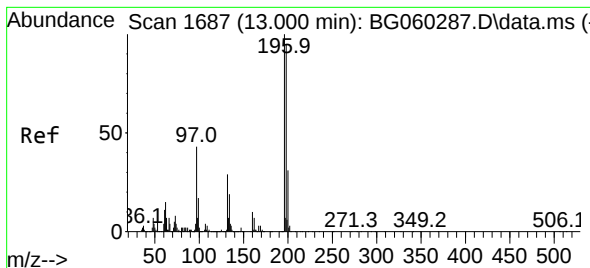


#42
2,4,6-Tribromophenol
Concen: 128.101 ng
RT: 16.060 min Scan# 2208
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08



Tgt Ion:330 Resp: 1505718
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 24.3 18.6 28.0





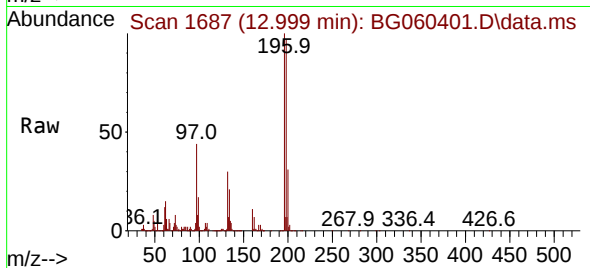
#43
2,4,6-Trichlorophenol
Concen: 41.372 ng
RT: 12.999 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

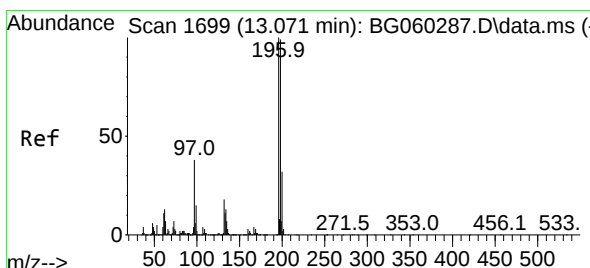
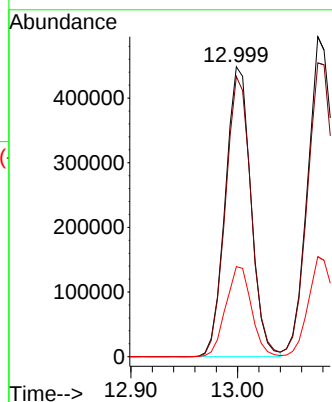
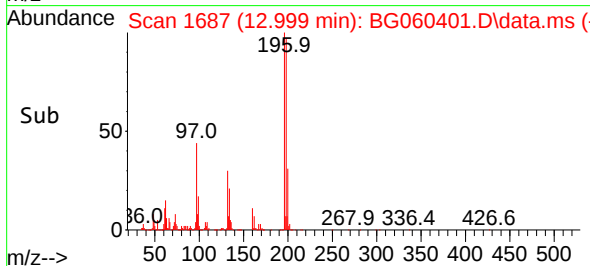


Tgt Ion:196 Resp: 74704
Ion Ratio Lower Upper
196 100
198 96.6 75.7 113.5
200 31.0 24.7 37.1

Manual Integrations

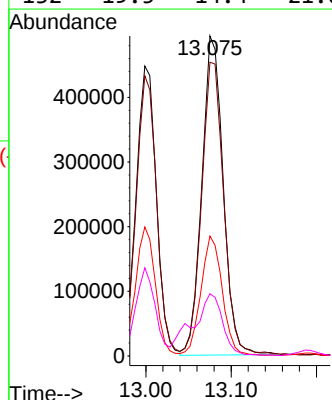
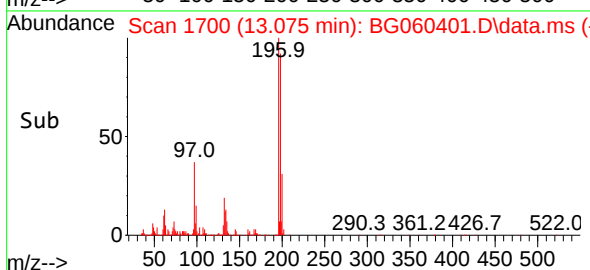
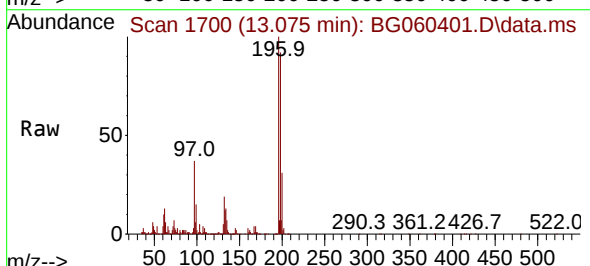
APPROVED

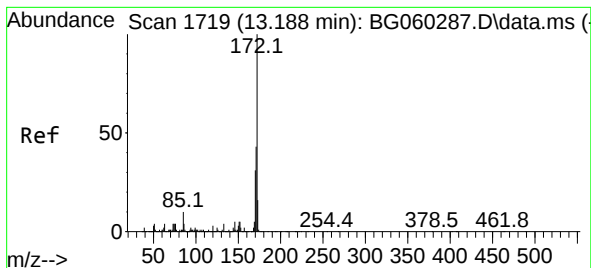
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#44
2,4,5-Trichlorophenol
Concen: 43.201 ng
RT: 13.075 min Scan# 1700
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:196 Resp: 860387
Ion Ratio Lower Upper
196 100
198 91.8 78.6 118.0
97 37.5 30.6 46.0
132 19.5 14.4 21.6





#45
2-Fluorobiphenyl
Concen: 67.666 ng
RT: 13.193 min Scan# 1719
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

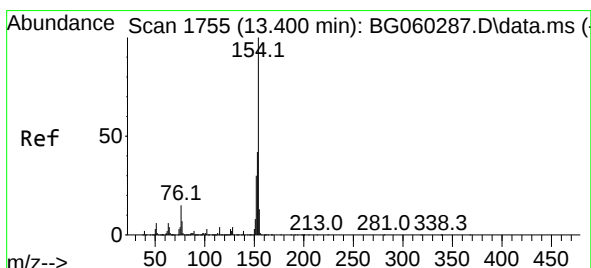
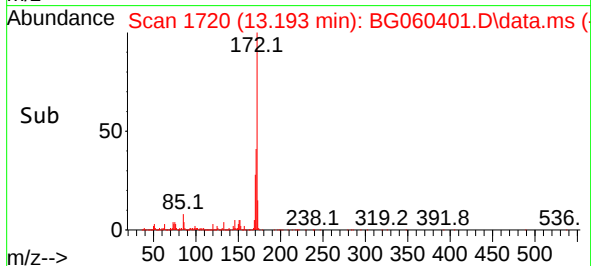
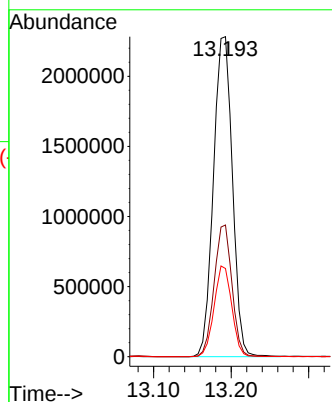
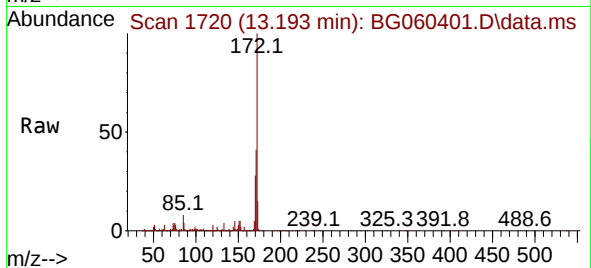
PB158553BS

Tgt Ion:172 Resp: 3888230
Ion Ratio Lower Upper
172 100
171 41.2 34.6 51.8
170 27.6 24.4 36.6

Manual Integrations

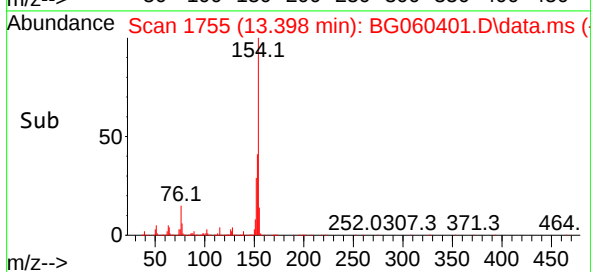
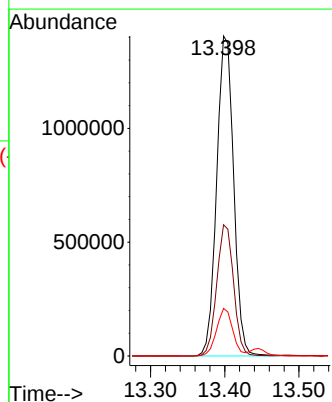
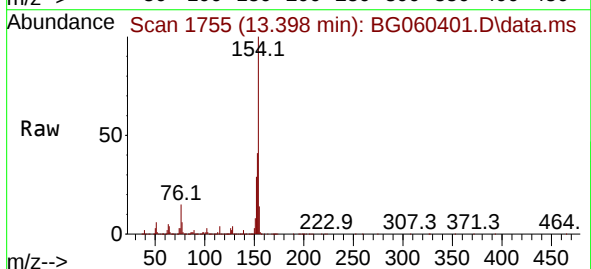
APPROVED

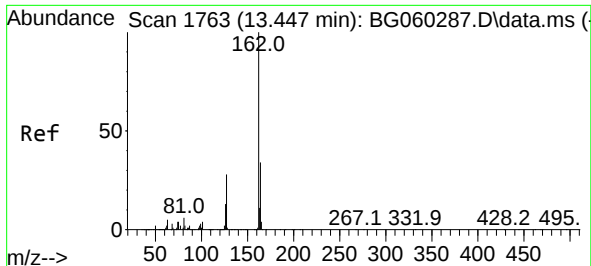
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#46
1,1'-Biphenyl
Concen: 37.078 ng
RT: 13.398 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:154 Resp: 2235958
Ion Ratio Lower Upper
154 100
153 41.0 22.0 62.0
76 14.8 0.0 35.2





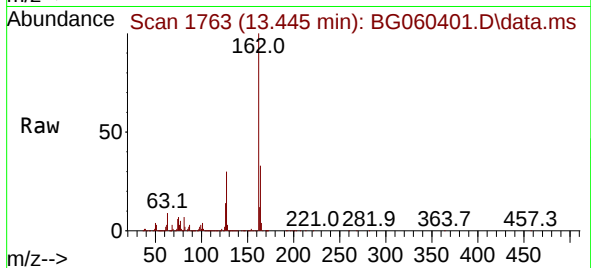
#47
2-Chloronaphthalene
Concen: 35.564 ng
RT: 13.445 min Scan# 1763
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

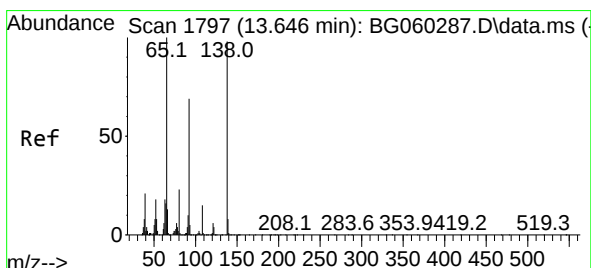
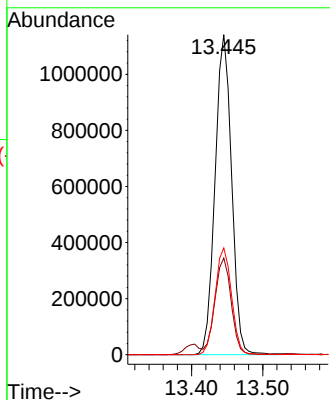
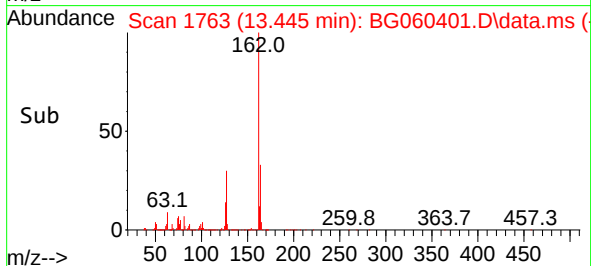


Tgt Ion:162 Resp: 1837300
Ion Ratio Lower Upper
162 100
127 30.2 23.5 35.3
164 33.3 26.9 40.3

Manual Integrations

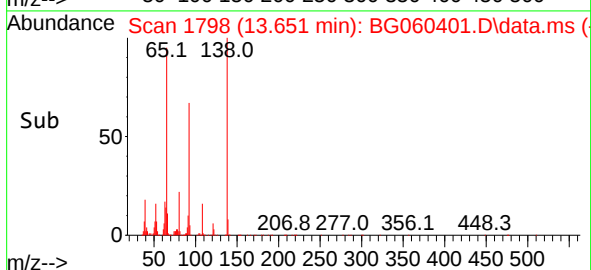
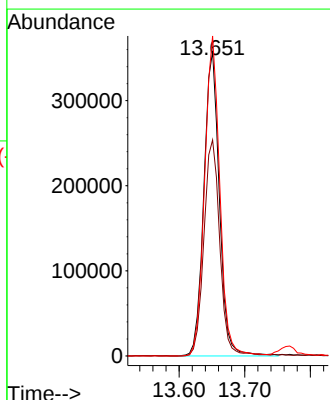
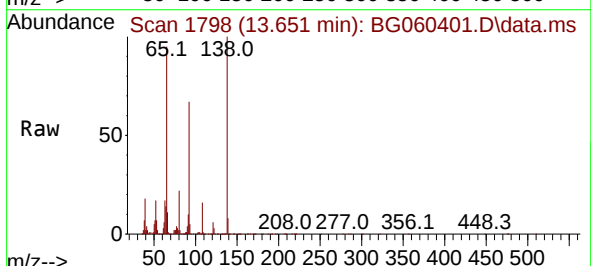
APPROVED

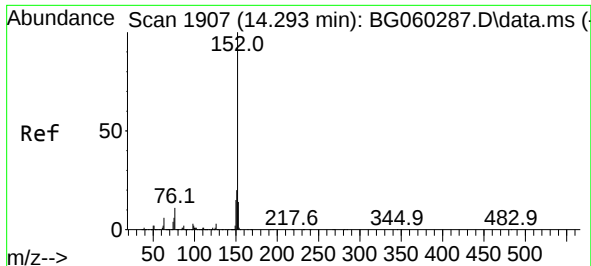
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#48
2-Nitroaniline
Concen: 45.814 ng
RT: 13.651 min Scan# 1798
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion: 65 Resp: 589430
Ion Ratio Lower Upper
65 100
92 70.9 55.0 82.6
138 105.1 78.1 117.1





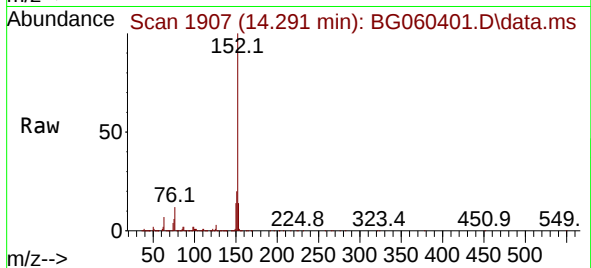
#49
Acenaphthylene
Concen: 40.592 ng
RT: 14.291 min Scan# 1907
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

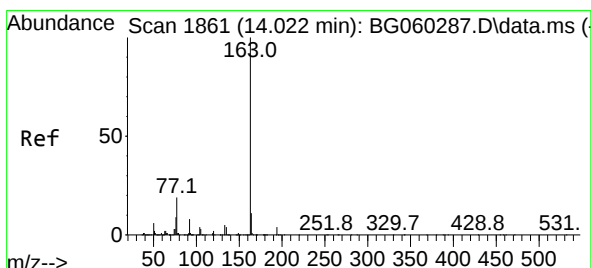
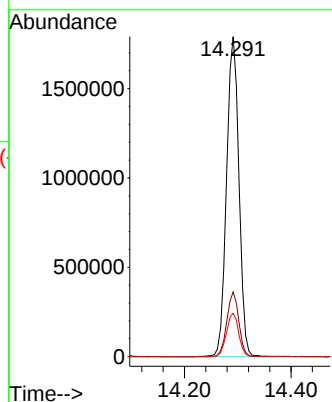
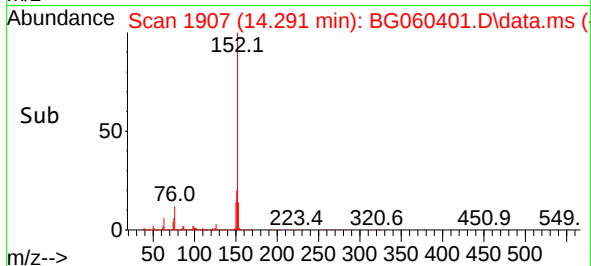


Tgt Ion:152 Resp: 288781
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.6 11.5 17.3

Manual Integrations

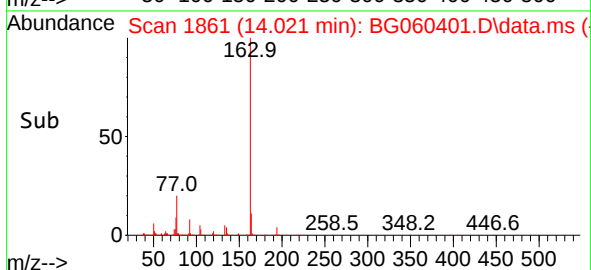
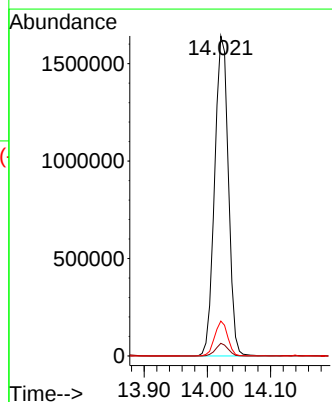
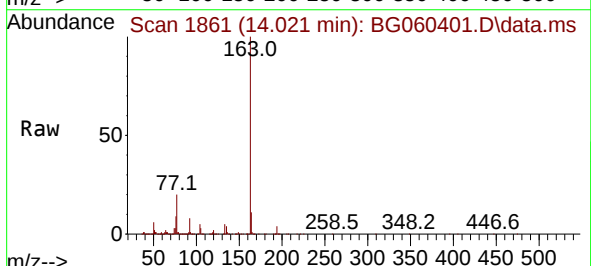
APPROVED

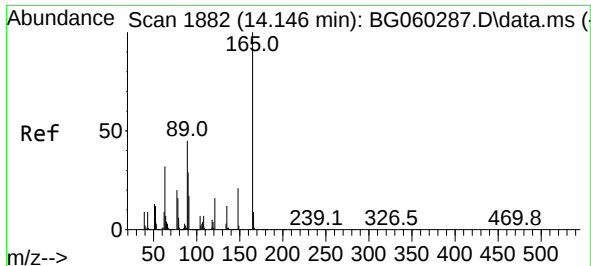
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#50
Dimethylphthalate
Concen: 40.603 ng
RT: 14.021 min Scan# 1861
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:163 Resp: 2478865
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.9 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 44.348 ng
RT: 14.144 min Scan# 1882
Delta R.T. -0.002 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

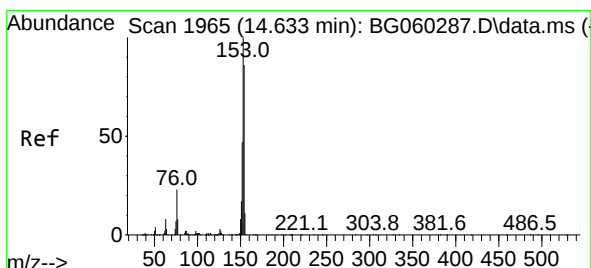
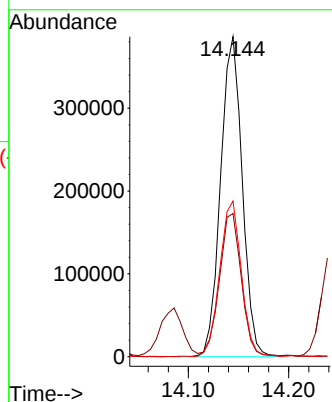
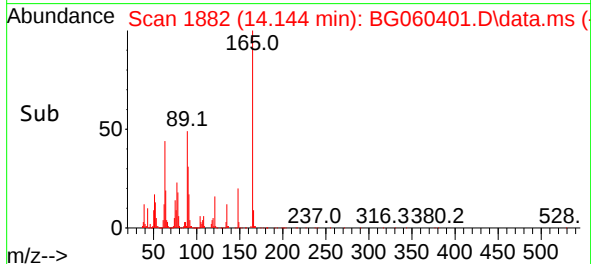
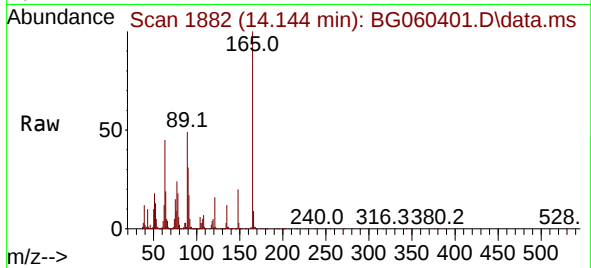
ClientSampleId :

PB158553BS

Tgt Ion:165 Resp: 57772
Ion Ratio Lower Upper
165 100
63 44.8 35.0 52.4
89 48.7 36.2 54.2

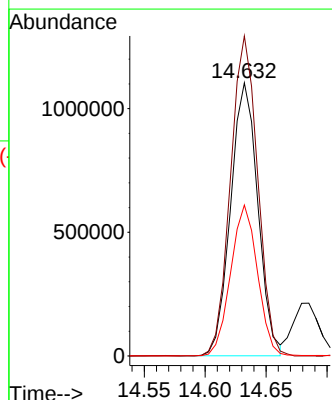
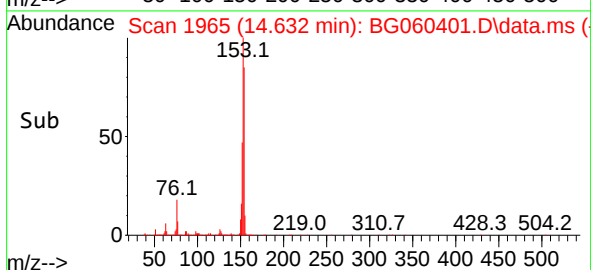
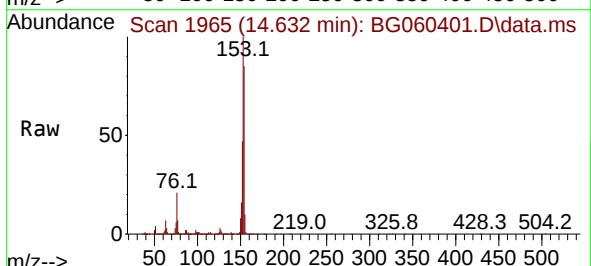
Manual Integrations
APPROVED

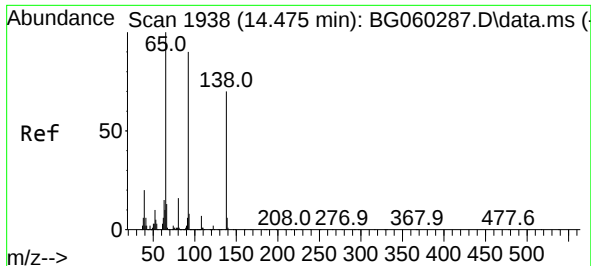
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#52
Acenaphthene
Concen: 38.862 ng
RT: 14.632 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:154 Resp: 1721526
Ion Ratio Lower Upper
154 100
153 117.2 92.6 138.8
152 55.2 43.8 65.8





#53
3-Nitroaniline
Concen: 34.345 ng
RT: 14.474 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

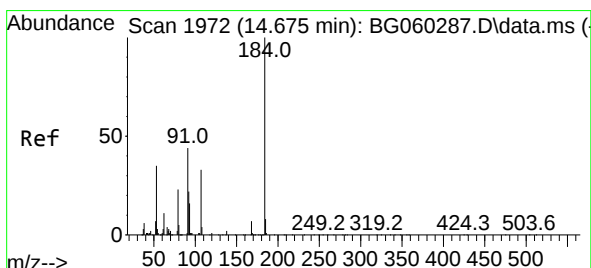
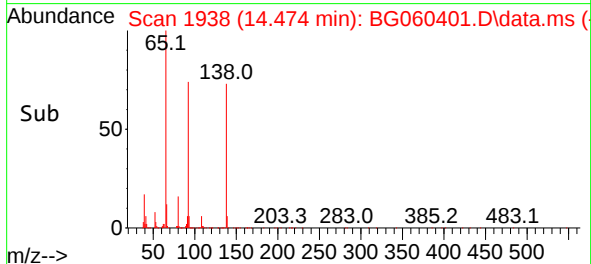
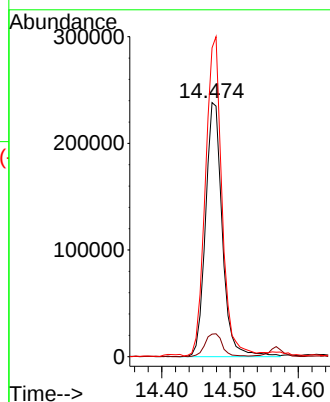
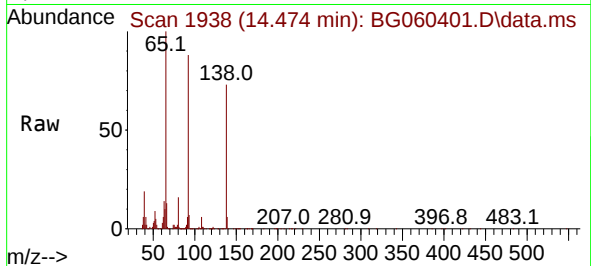
PB158553BS

Tgt Ion:138 Resp: 407688
Ion Ratio Lower Upper
138 100
108 8.9 7.8 11.8
92 121.6 102.4 153.6

Manual Integrations

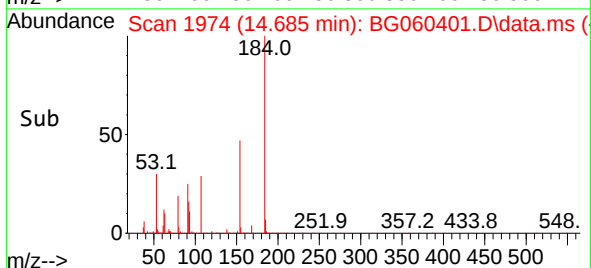
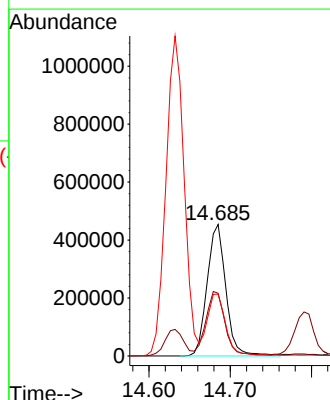
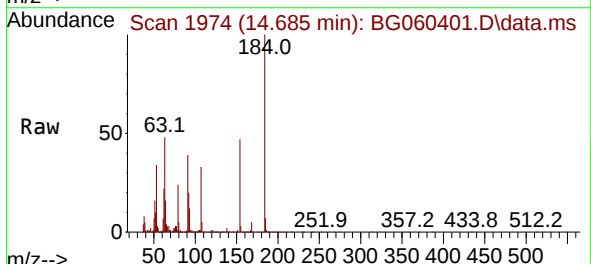
APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#54
2,4-Dinitrophenol
Concen: 90.890 ng
RT: 14.685 min Scan# 1974
Delta R.T. 0.010 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:184 Resp: 728236
Ion Ratio Lower Upper
184 100
63 47.7 41.0 61.4
154 47.0 39.2 58.8





#55
Dibenzenofuran
Concen: 39.651 ng
RT: 14.967 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

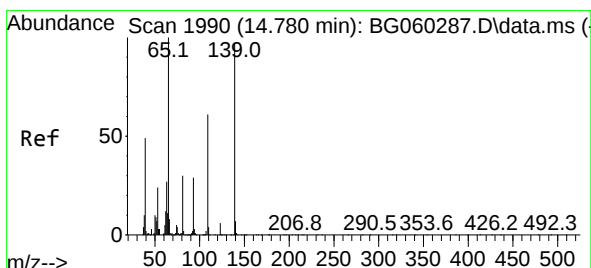
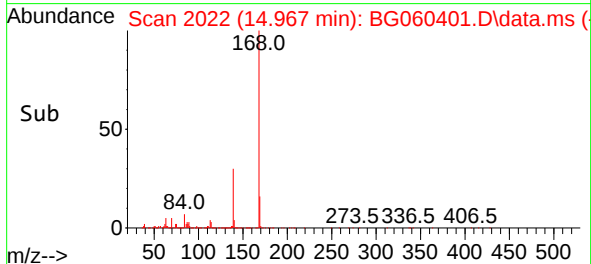
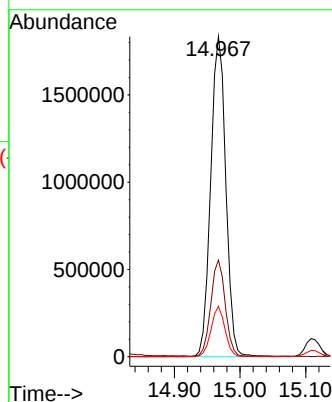
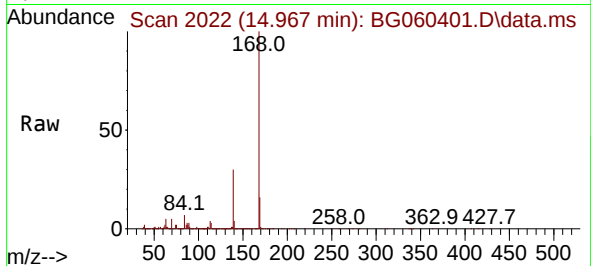
PB158553BS

Tgt Ion:168 Resp: 293215
Ion Ratio Lower Upper
168 100
139 30.2 22.6 34.0
169 15.7 12.1 18.1

Manual Integrations

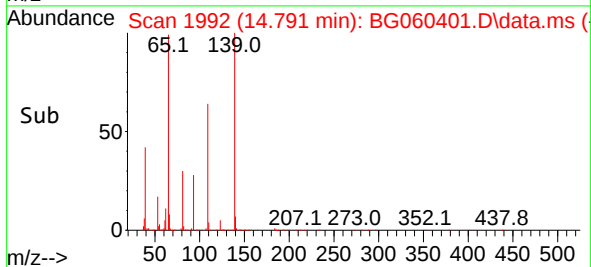
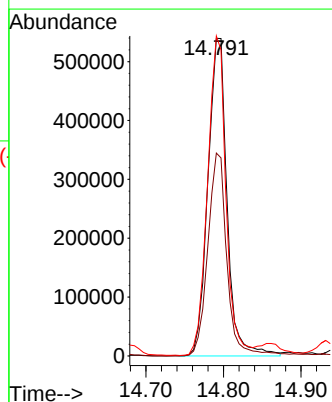
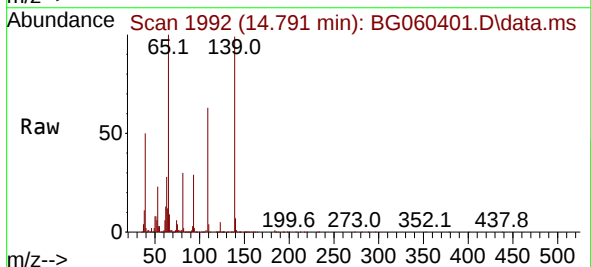
APPROVED

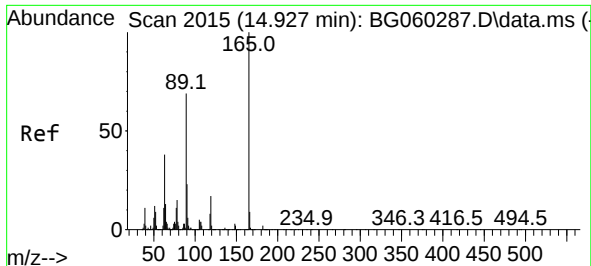
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#56
4-Nitrophenol
Concen: 105.234 ng
RT: 14.791 min Scan# 1992
Delta R.T. 0.010 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:139 Resp: 926540
Ion Ratio Lower Upper
139 100
109 63.9 42.2 82.2
65 100.8 83.3 123.3





#57
2,4-Dinitrotoluene
Concen: 46.409 ng
RT: 14.932 min Scan# 2015
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

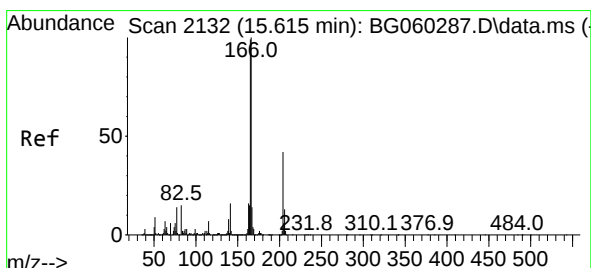
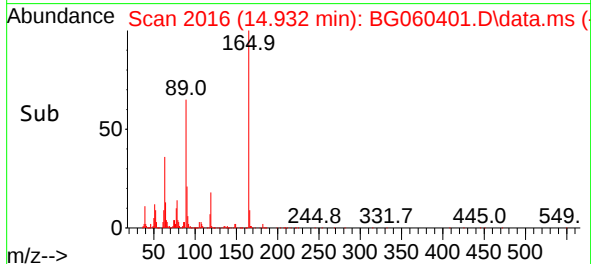
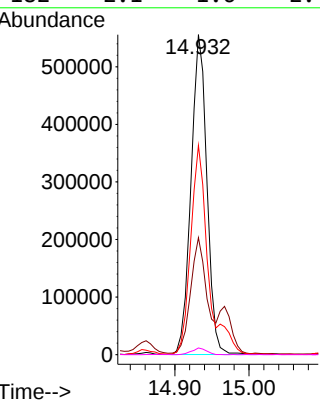
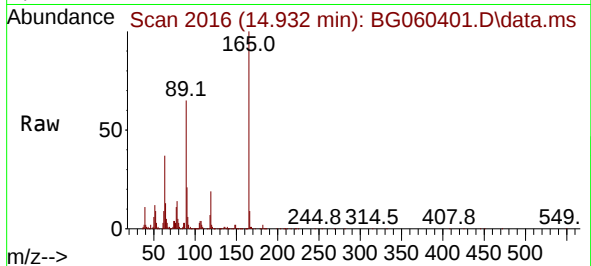
ClientSampleId :

PB158553BS

Tgt Ion:165 Resp: 82904
Ion Ratio Lower Upper
165 100
63 36.5 30.4 45.6
89 65.4 55.4 83.0
182 2.1 1.6 2.4

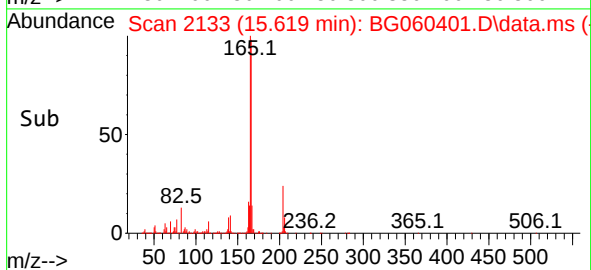
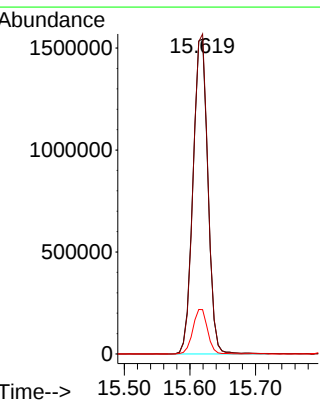
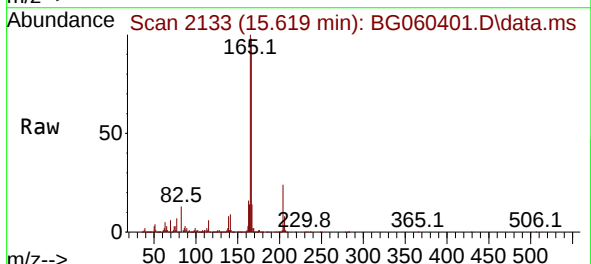
Manual Integrations
APPROVED

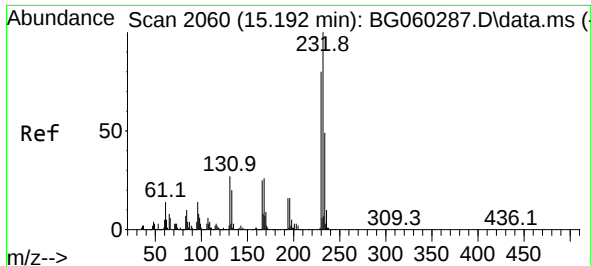
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#58
Fluorene
Concen: 39.901 ng
RT: 15.619 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:166 Resp: 2443496
Ion Ratio Lower Upper
166 100
165 101.6 79.0 118.6
167 14.1 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.478 ng
RT: 15.196 min Scan# 2060
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

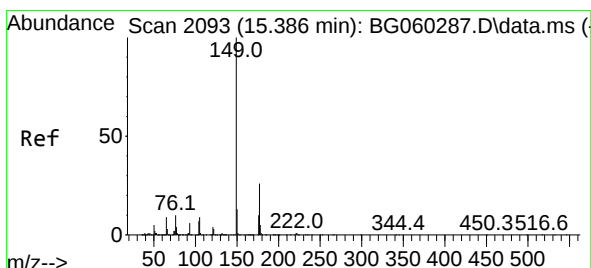
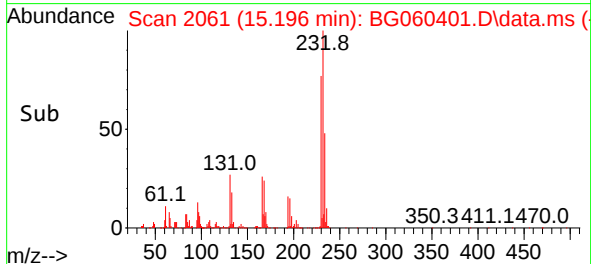
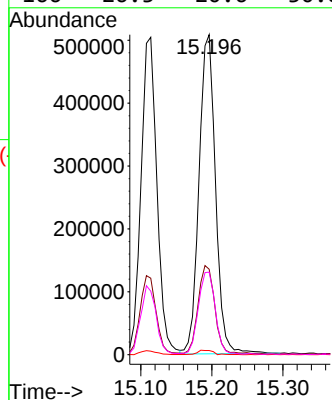
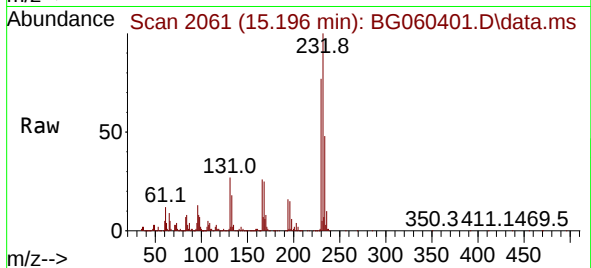
PB158553BS

Tgt Ion:232 Resp: 81985
Ion Ratio Lower Upper
232 100
131 28.4 22.7 34.1
130 1.4 1.1 1.7
166 26.3 20.6 30.8

Manual Integrations

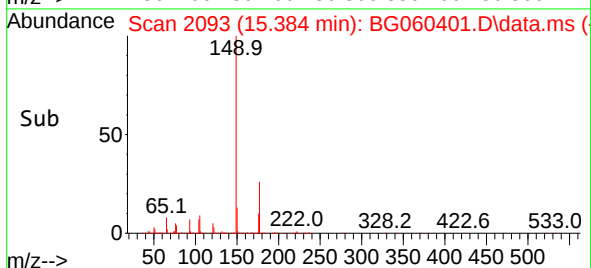
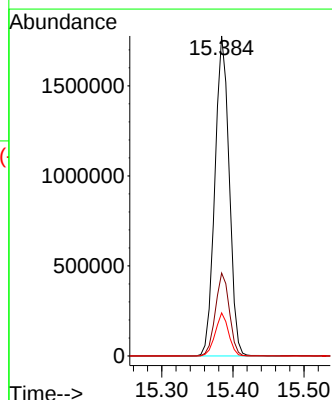
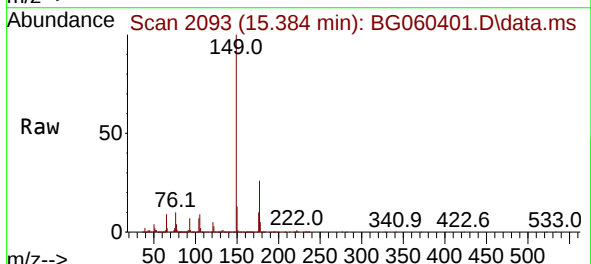
APPROVED

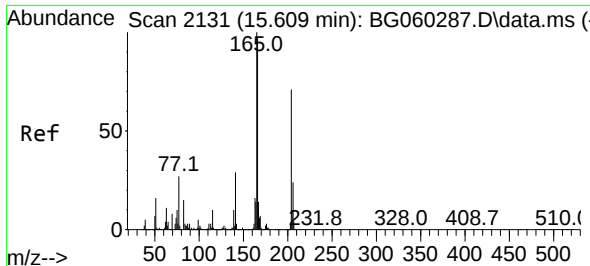
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#60
Diethylphthalate
Concen: 42.308 ng
RT: 15.384 min Scan# 2093
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

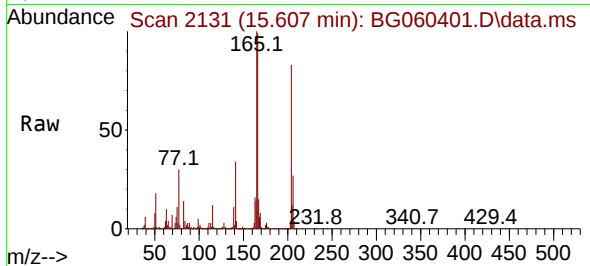
Tgt Ion:149 Resp: 2479701
Ion Ratio Lower Upper
149 100
177 25.9 20.9 31.3
150 13.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.006 ng
RT: 15.607 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

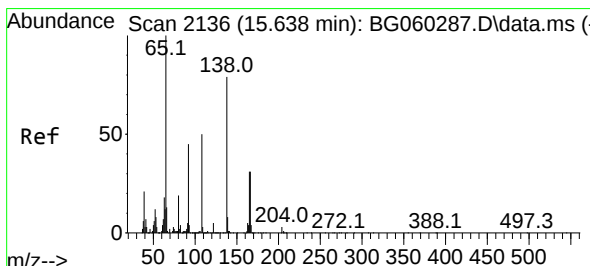
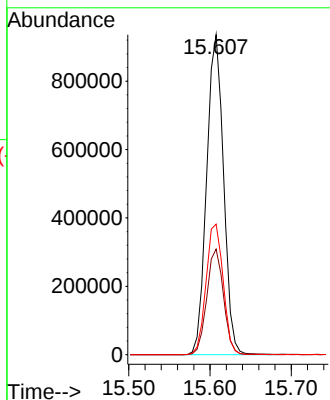
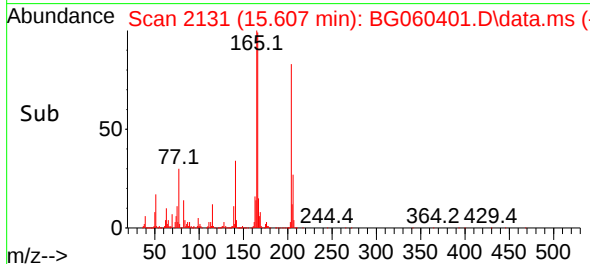
Instrument :
BNA_G
ClientSampleId :
PB158553BS



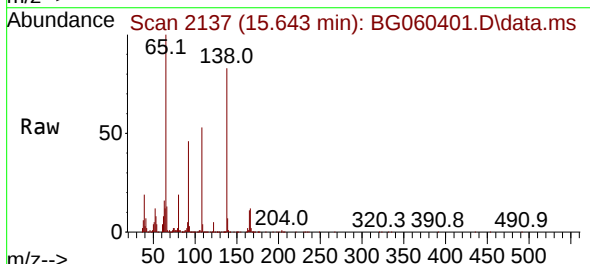
Tgt Ion:204 Resp: 134960
Ion Ratio Lower Upper
204 100
206 33.0 27.1 40.7
141 40.8 32.2 48.2

Manual Integrations
APPROVED

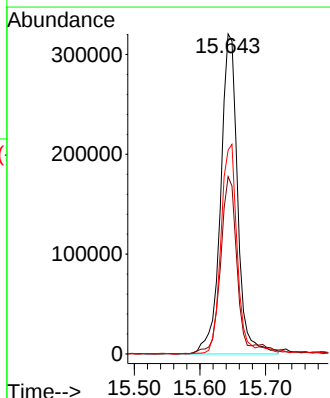
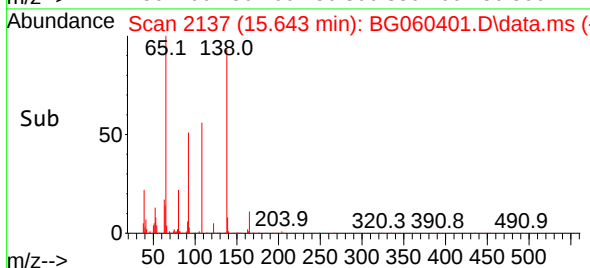
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

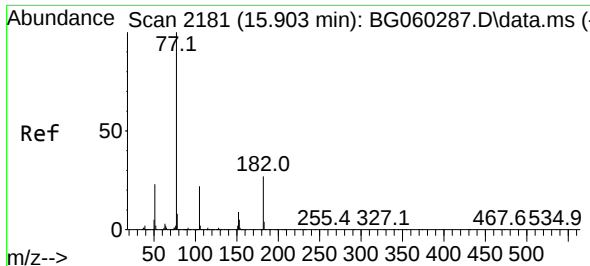


#62
4-Nitroaniline
Concen: 45.513 ng
RT: 15.643 min Scan# 2137
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08



Tgt Ion:138 Resp: 574991
Ion Ratio Lower Upper
138 100
92 55.4 37.0 77.0
108 63.7 43.1 83.1





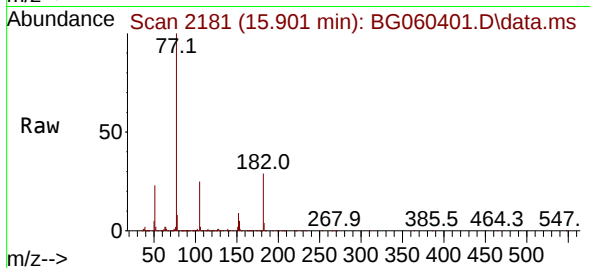
#63
Azobenzene
Concen: 39.405 ng
RT: 15.901 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

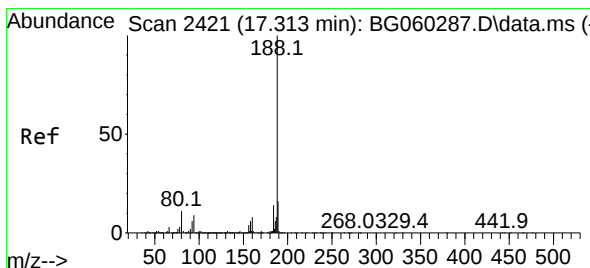
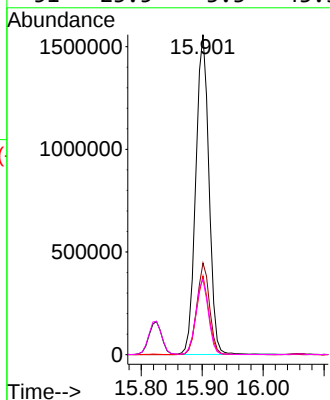
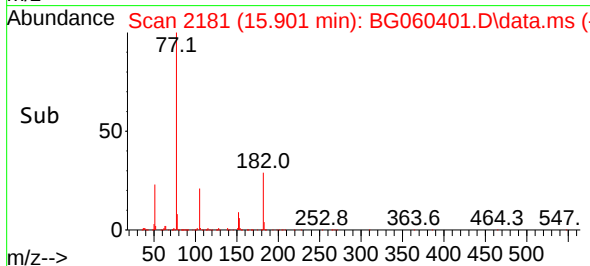


Tgt Ion: 77 Resp: 2335949
Ion Ratio Lower Upper
77 100
182 28.6 6.5 46.5
105 24.6 1.8 41.8
51 23.5 3.3 43.3

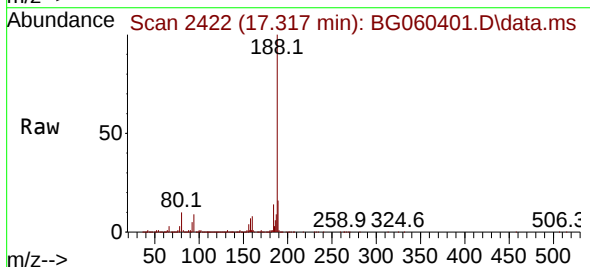
Manual Integrations

APPROVED

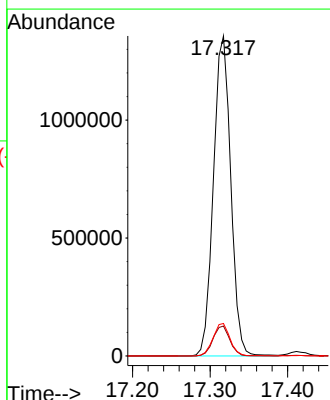
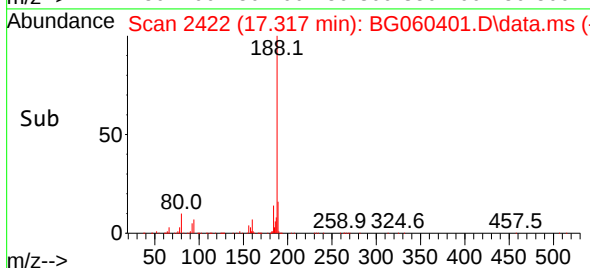
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

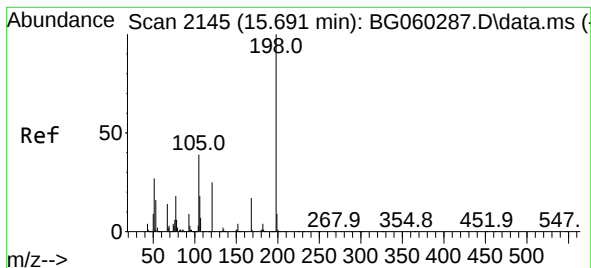


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.317 min Scan# 2422
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08



Tgt Ion:188 Resp: 2103760
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.1 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 46.980 ng
RT: 15.696 min Scan# 2145
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

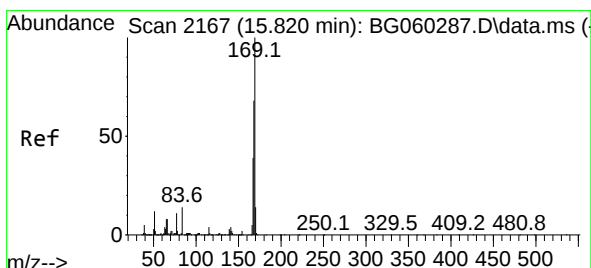
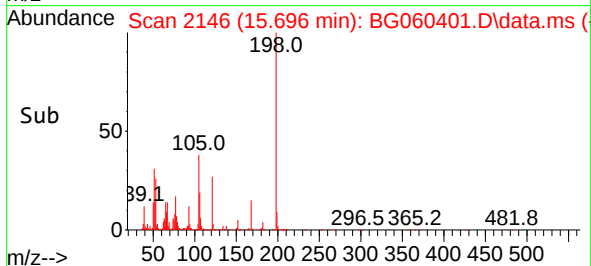
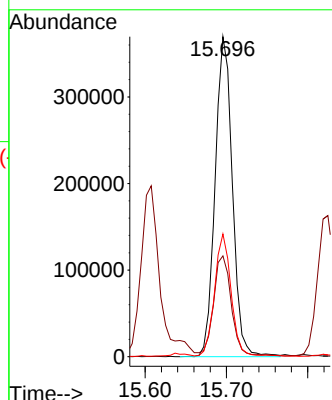
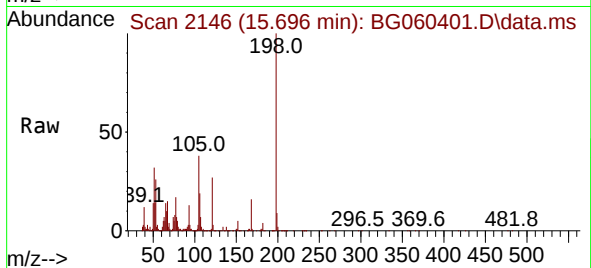
PB158553BS

Tgt Ion:198 Resp: 546770
Ion Ratio Lower Upper
198 100
51 31.5 11.8 51.8
105 38.3 20.3 60.3

Manual Integrations

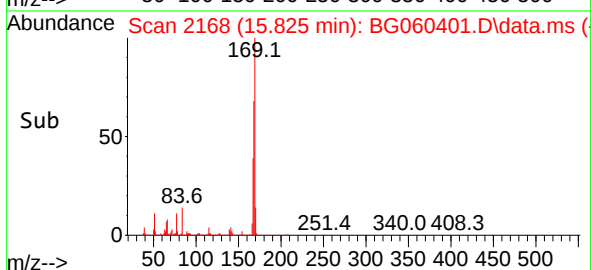
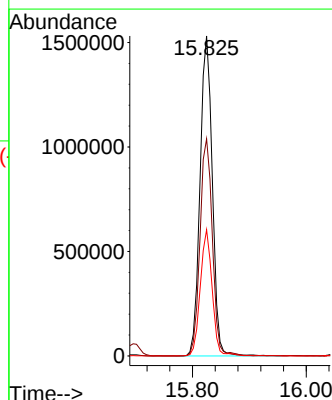
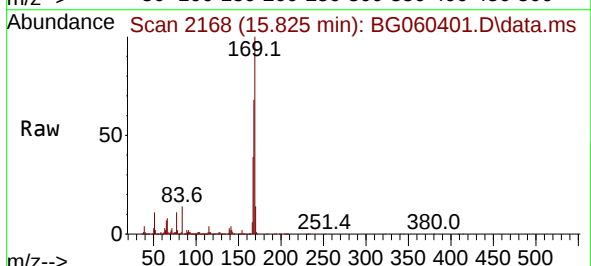
APPROVED

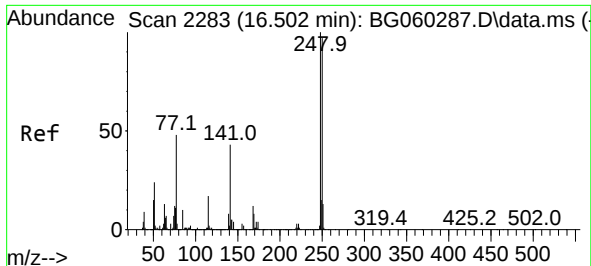
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#66
n-Nitrosodiphenylamine
Concen: 41.108 ng
RT: 15.825 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:169 Resp: 2296313
Ion Ratio Lower Upper
169 100
168 67.8 54.4 81.6
167 39.5 31.2 46.8





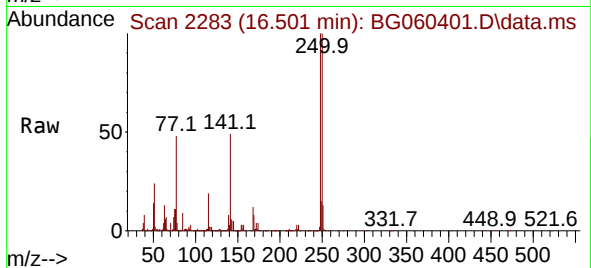
#67
4-Bromophenyl-phenylether
Concen: 39.993 ng
RT: 16.501 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

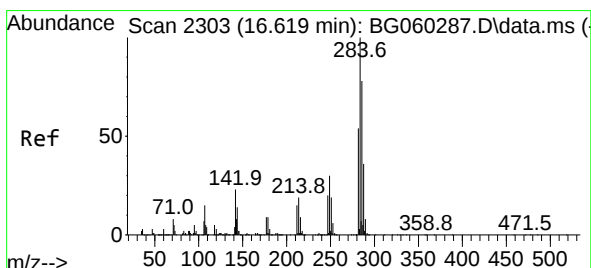
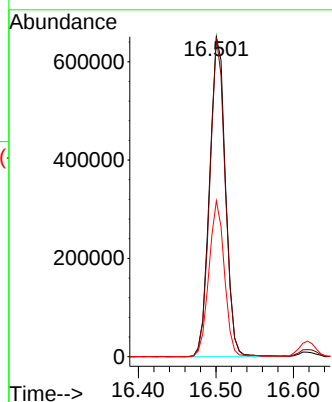
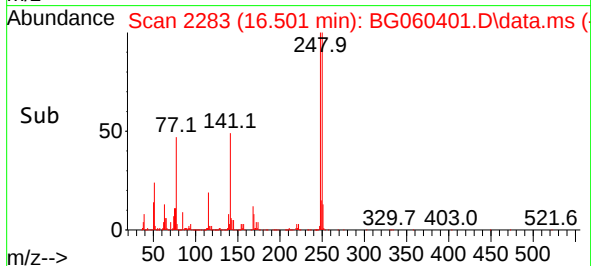


Tgt Ion:248 Resp: 92448
Ion Ratio Lower Upper
248 100
250 99.9 77.6 116.4
141 48.7 34.2 51.4

Manual Integrations

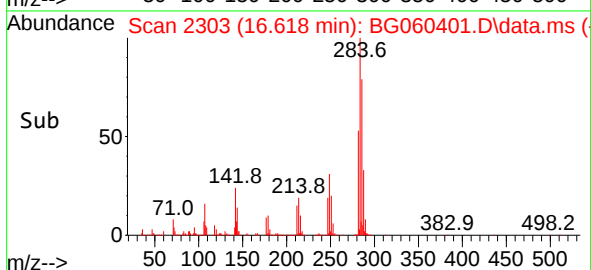
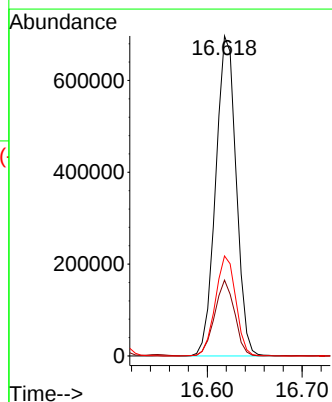
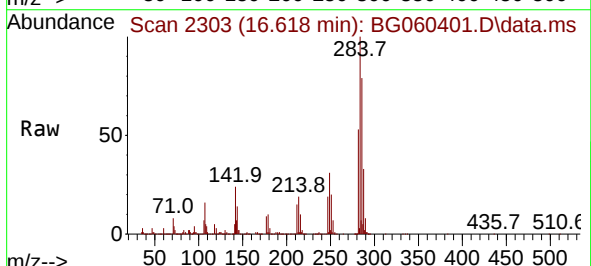
APPROVED

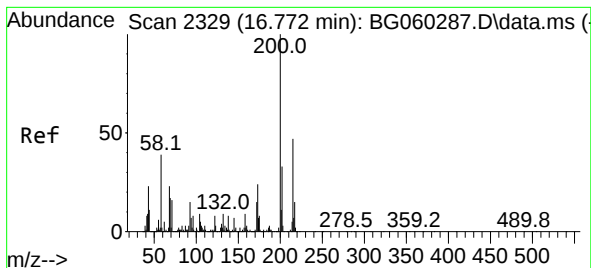
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#68
Hexachlorobenzene
Concen: 38.216 ng
RT: 16.618 min Scan# 2303
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:284 Resp: 1045697
Ion Ratio Lower Upper
284 100
142 23.7 18.2 27.4
249 31.3 24.3 36.5





#69

Atrazine

Concen: 60.986 ng

RT: 16.777 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

Tgt Ion:200 Resp: 128456

Ion Ratio Lower Upper

200 100

173 25.4 4.1 44.1

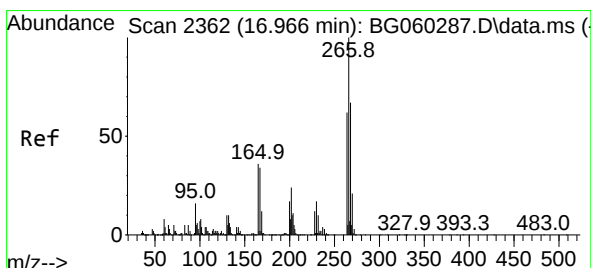
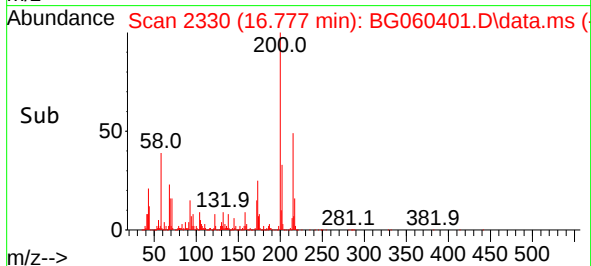
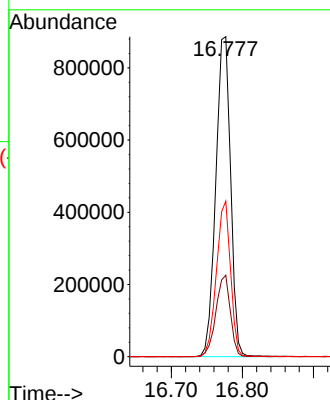
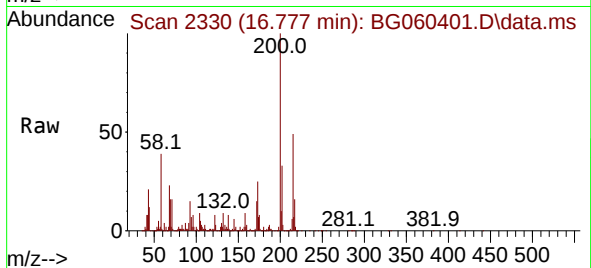
215 48.6 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#70

Pentachlorophenol

Concen: 98.018 ng

RT: 16.965 min Scan# 2362

Delta R.T. -0.001 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

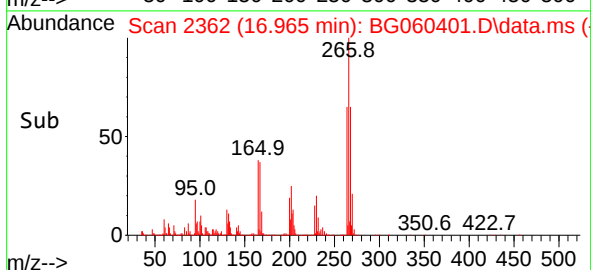
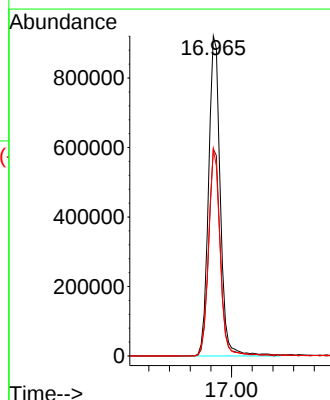
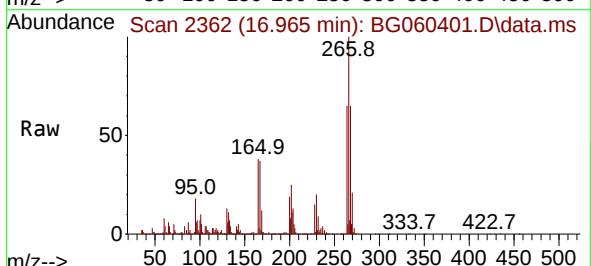
Tgt Ion:266 Resp: 1445680

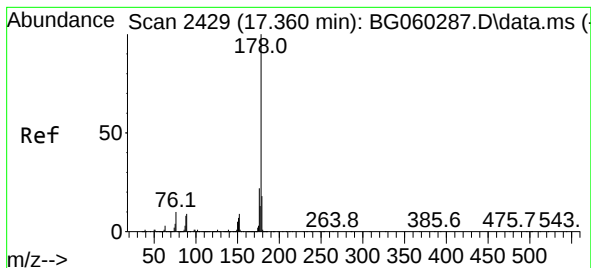
Ion Ratio Lower Upper

266 100

268 64.8 57.4 86.2

264 64.7 49.8 74.8





#71

Phenanthrene

Concen: 39.872 ng

RT: 17.358 min Scan# 2429

Delta R.T. -0.001 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

Tgt Ion:178 Resp: 4054450

Ion Ratio Lower Upper

178 100

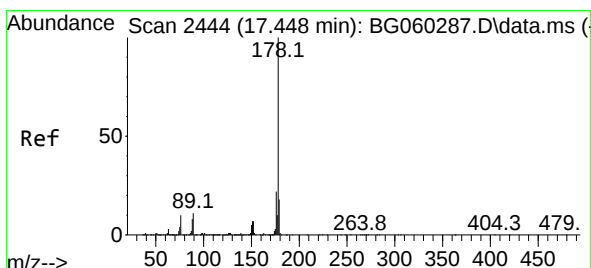
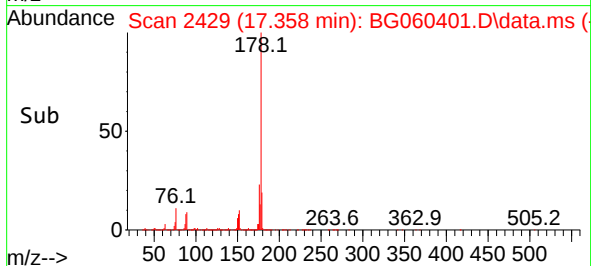
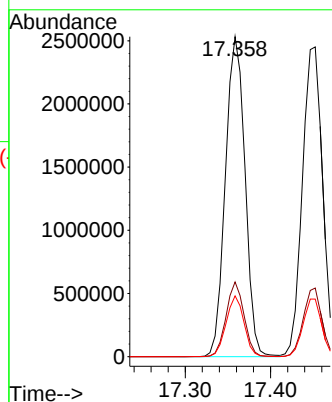
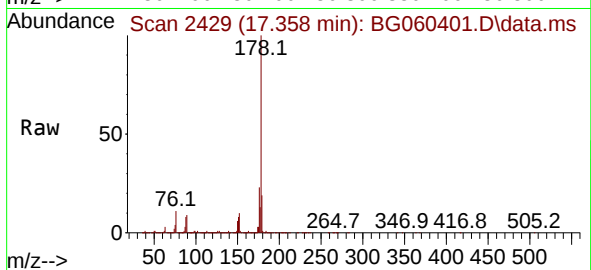
176 23.4 17.4 26.2

179 19.0 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#72

Anthracene

Concen: 39.834 ng

RT: 17.452 min Scan# 2445

Delta R.T. 0.005 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

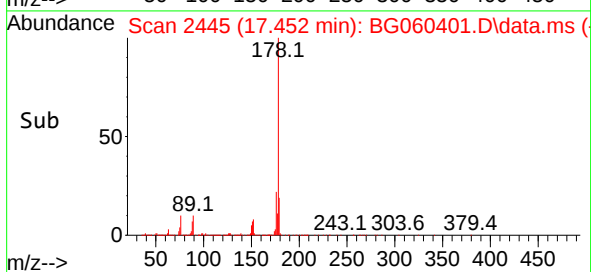
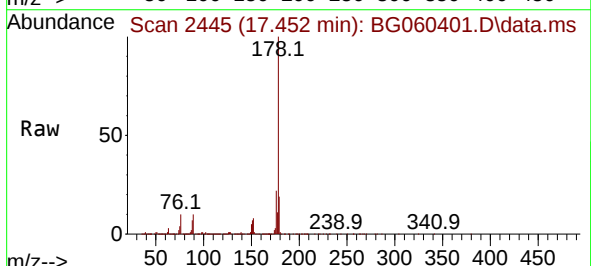
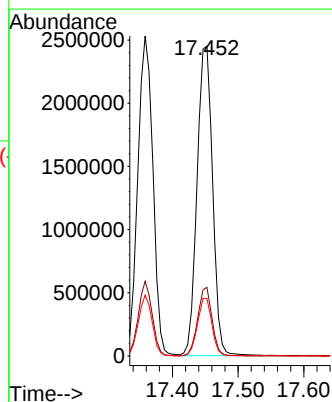
Tgt Ion:178 Resp: 4044047

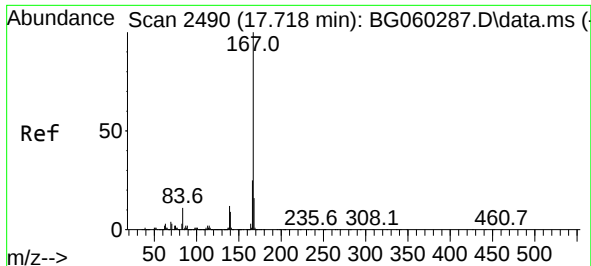
Ion Ratio Lower Upper

178 100

176 22.2 17.8 26.6

179 18.6 14.1 21.1





#73
 Carbazole
 Concen: 39.877 ng
 RT: 17.723 min Scan# 2490
 Delta R.T. 0.005 min
 Lab File: BG060401.D
 Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

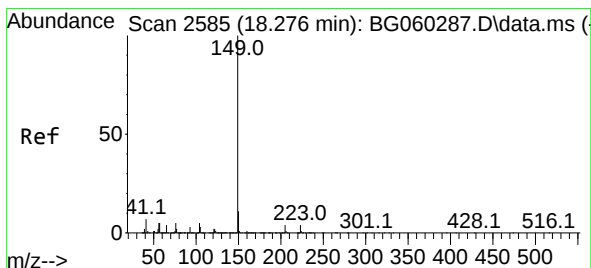
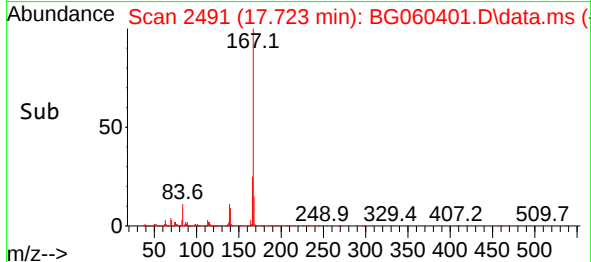
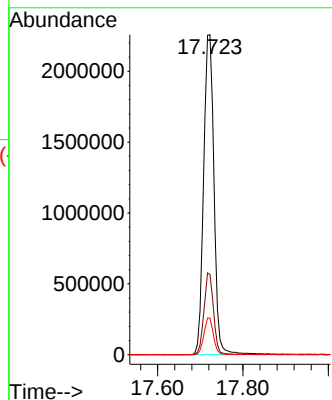
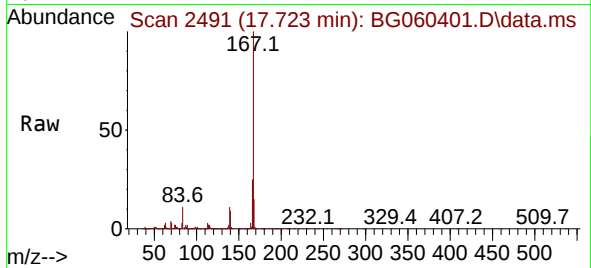
PB158553BS

Tgt Ion:167 Resp: 381665
 Ion Ratio Lower Upper
 167 100
 166 25.1 19.8 29.8
 139 11.4 9.3 13.9

Manual Integrations

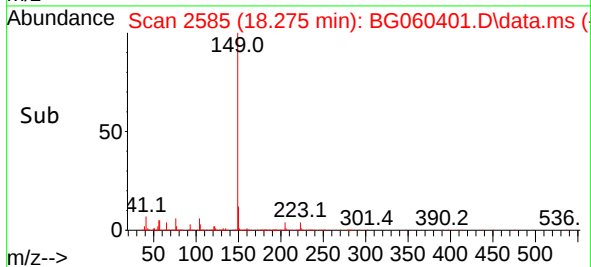
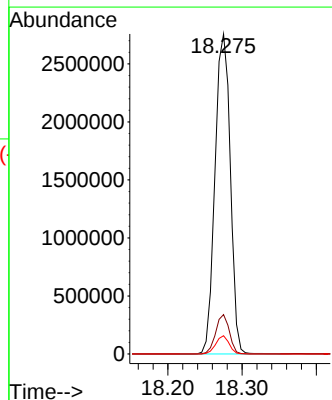
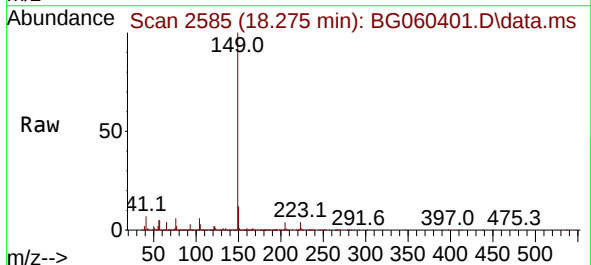
APPROVED

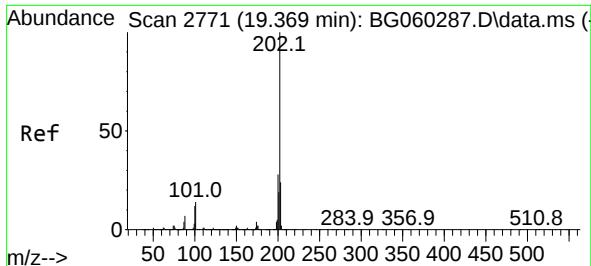
Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024



#74
 Di-n-butylphthalate
 Concen: 40.120 ng
 RT: 18.275 min Scan# 2585
 Delta R.T. -0.001 min
 Lab File: BG060401.D
 Acq: 23 Jan 2024 13:08

Tgt Ion:149 Resp: 3950998
 Ion Ratio Lower Upper
 149 100
 150 12.3 9.1 13.7
 104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 36.969 ng
RT: 19.374 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

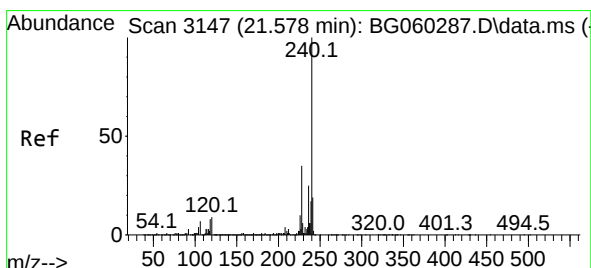
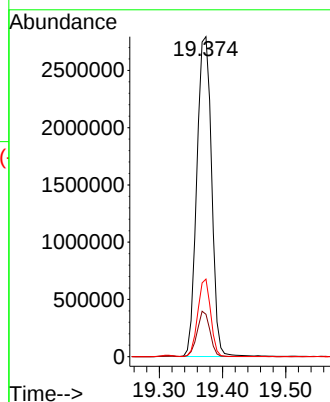
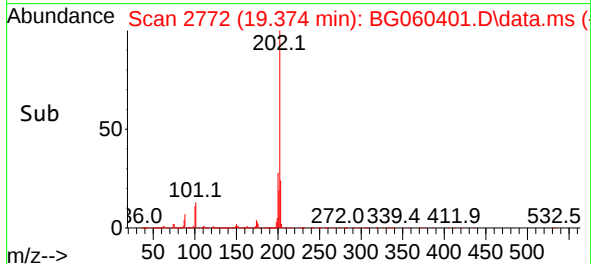
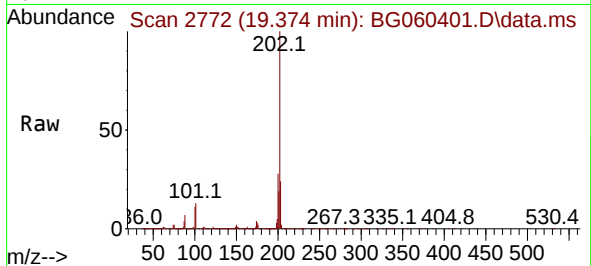
PB158553BS

Tgt Ion:202 Resp: 451519
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.4
203 24.2 4.0 44.0

Manual Integrations

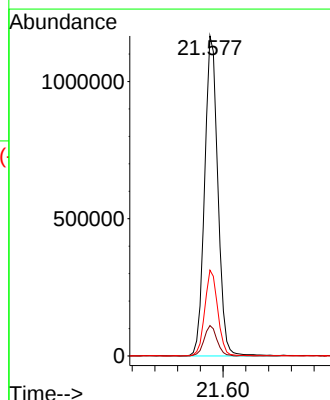
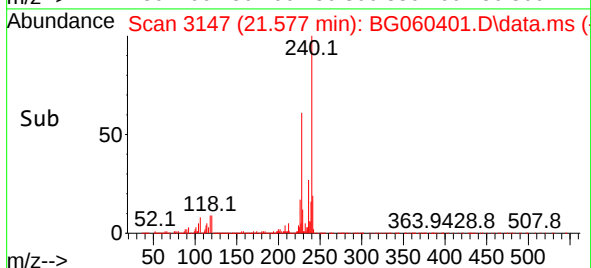
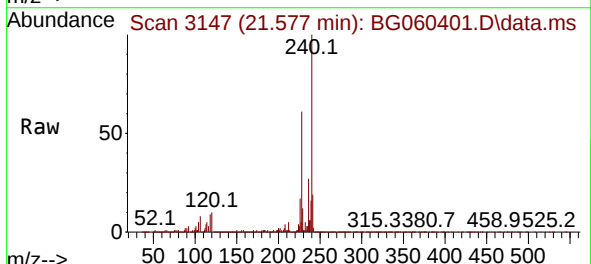
APPROVED

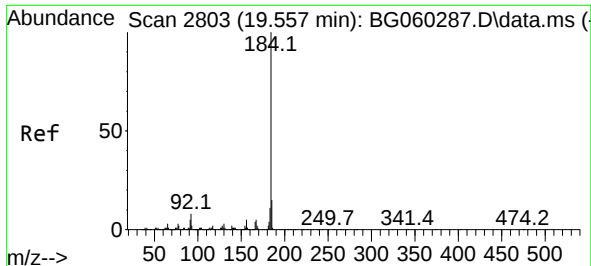
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:240 Resp: 1875546
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 26.8 20.3 30.5





#77
Benzidine
Concen: 17.870 ng
RT: 19.550 min Scan# 2803
Delta R.T. -0.007 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

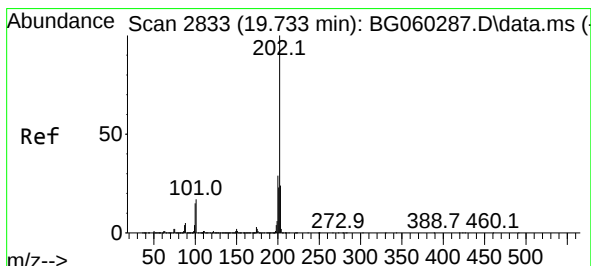
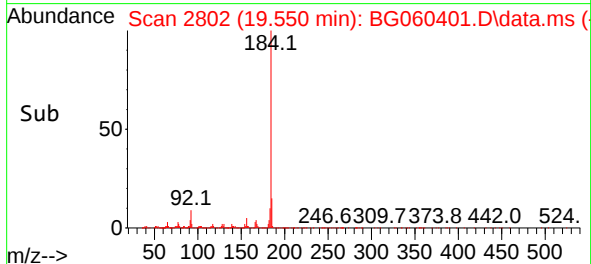
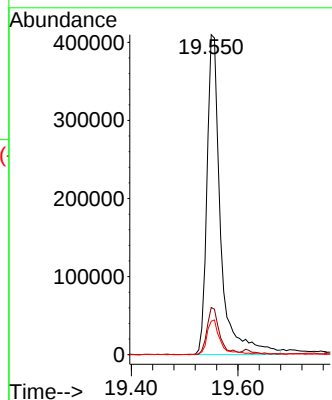
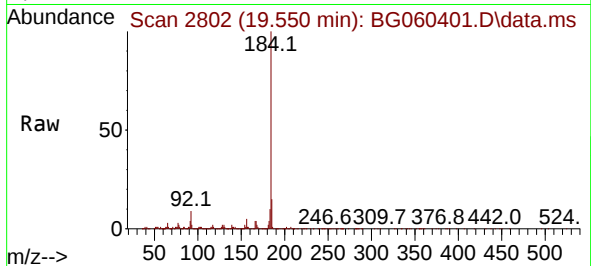
PB158553BS

Tgt Ion:184 Resp: 728160
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 10.4 9.0 13.4

Manual Integrations

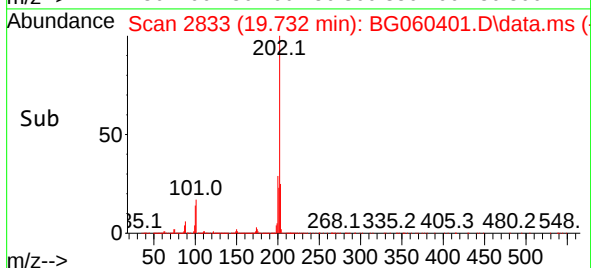
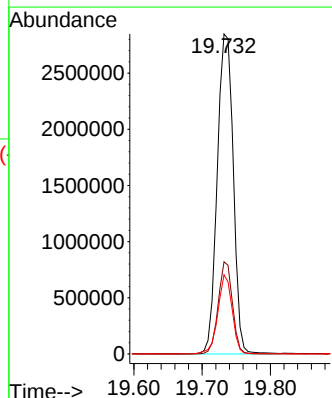
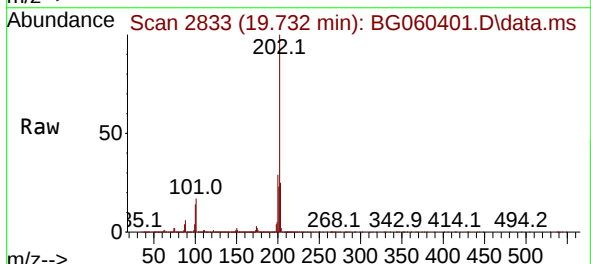
APPROVED

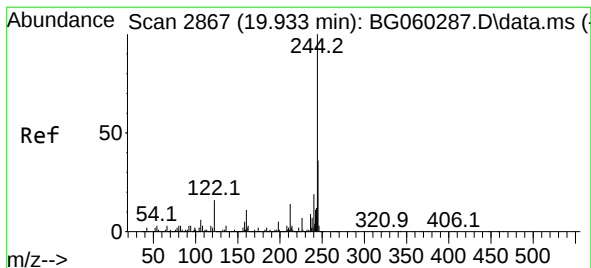
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#78
Pyrene
Concen: 38.935 ng
RT: 19.732 min Scan# 2833
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:202 Resp: 4663304
Ion Ratio Lower Upper
202 100
200 28.8 23.5 35.3
203 24.7 19.6 29.4





#79

Terphenyl-d14

Concen: 75.111 ng

RT: 19.932 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

Tgt Ion:244 Resp: 583470

Ion Ratio Lower Upper

244 100

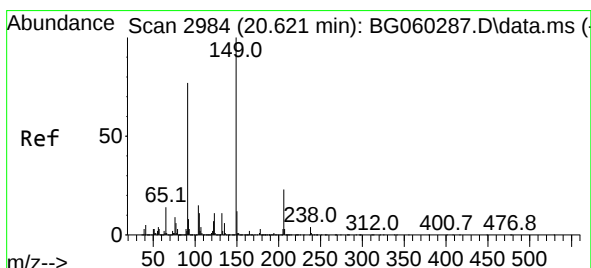
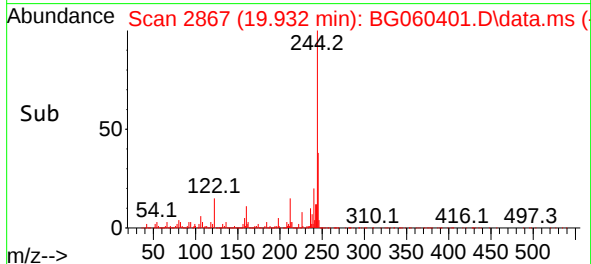
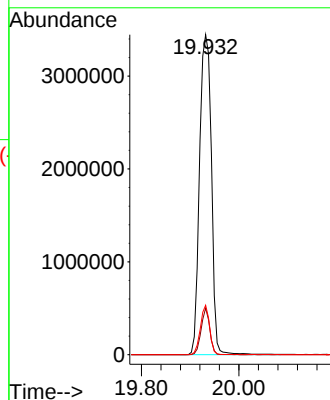
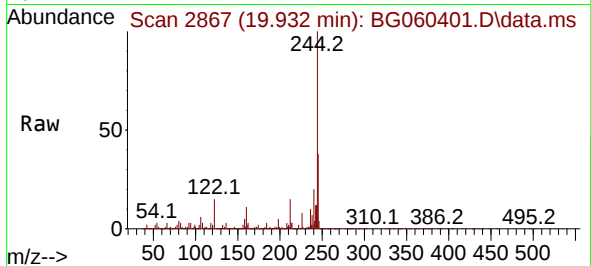
212 14.6 10.9 16.3

122 15.4 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#80

Butylbenzylphthalate

Concen: 46.480 ng

RT: 20.619 min Scan# 2984

Delta R.T. -0.001 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

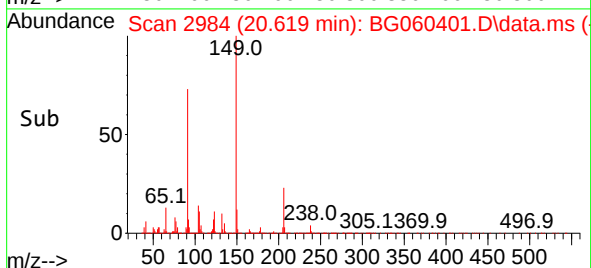
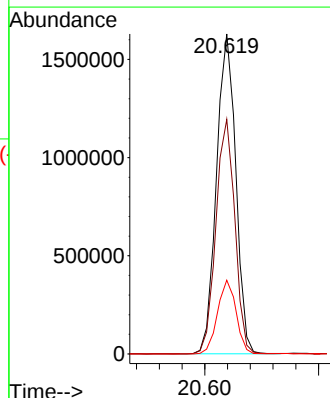
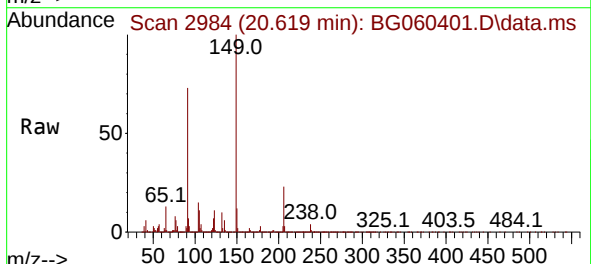
Tgt Ion:149 Resp: 1915281

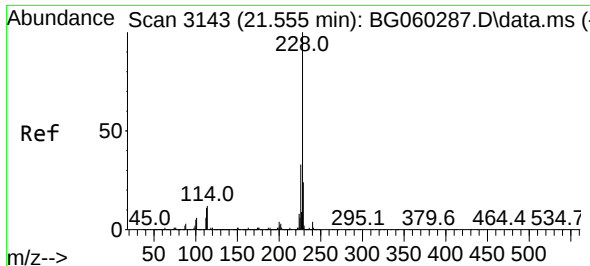
Ion Ratio Lower Upper

149 100

91 73.3 61.4 92.2

206 23.1 18.0 27.0





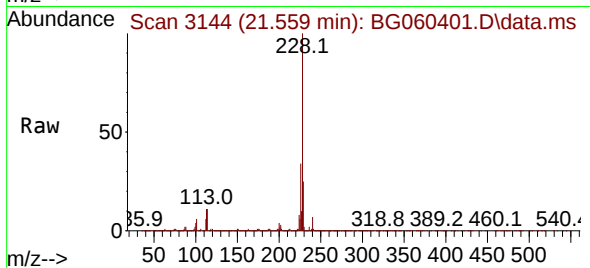
#81
Benzo(a)anthracene
Concen: 40.128 ng
RT: 21.559 min Scan# 3144
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

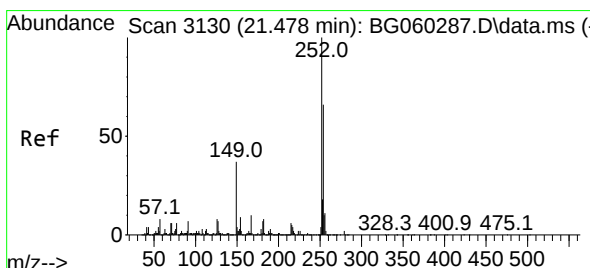
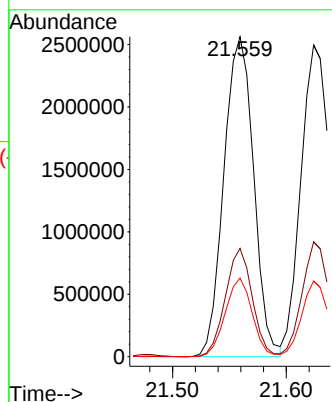
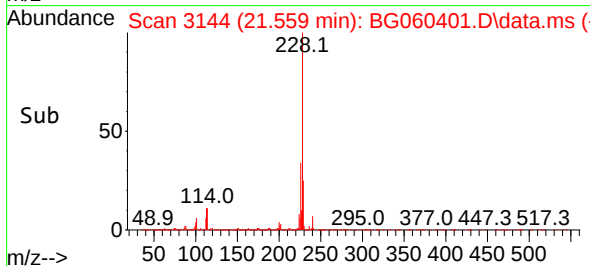


Tgt Ion:228 Resp: 4659330
Ion Ratio Lower Upper
228 100
226 33.9 26.2 39.2
229 24.6 19.4 29.2

Manual Integrations

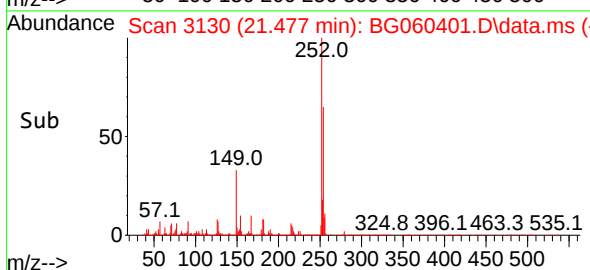
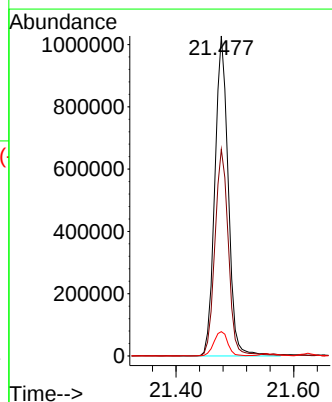
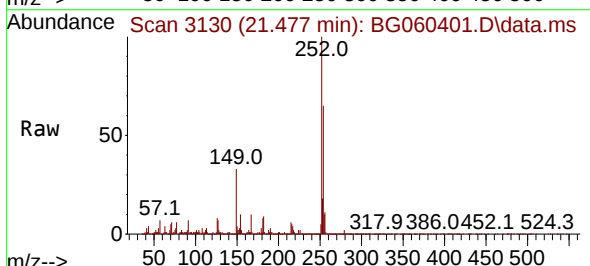
APPROVED

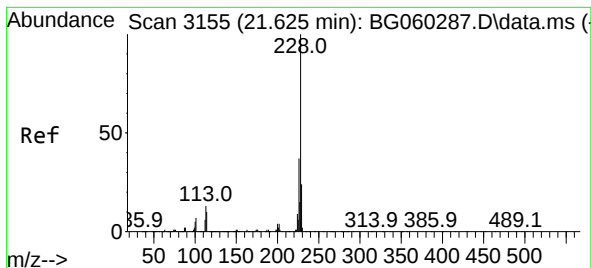
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#82
3,3'-Dichlorobenzidine
Concen: 36.514 ng
RT: 21.477 min Scan# 3130
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:252 Resp: 1623632
Ion Ratio Lower Upper
252 100
254 64.6 52.6 79.0
126 7.6 6.3 9.5





#83

Chrysene

Concen: 38.302 ng

RT: 21.624 min Scan# 3155

Delta R.T. -0.001 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

Tgt Ion:228 Resp: 437388

Ion Ratio Lower Upper

228 100

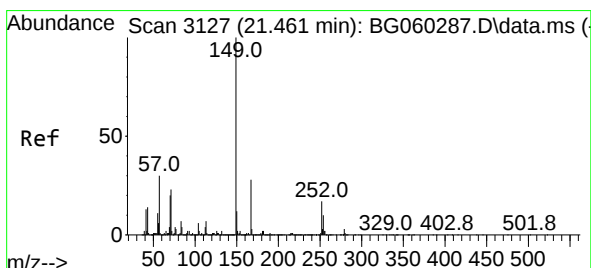
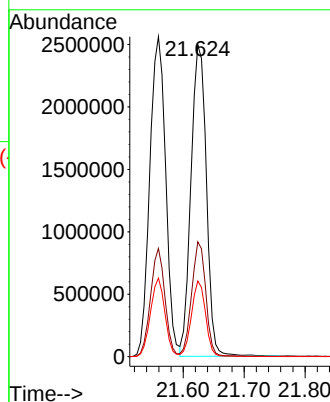
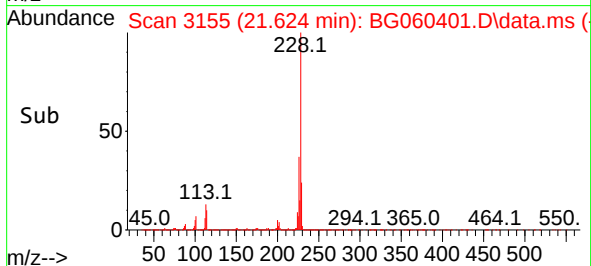
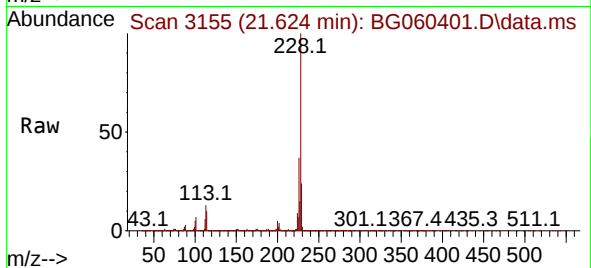
226 36.8 29.4 44.2

229 24.3 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.194 ng

RT: 21.459 min Scan# 3127

Delta R.T. -0.001 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

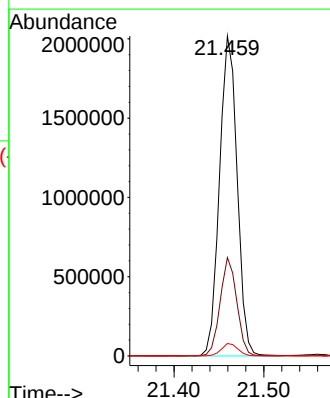
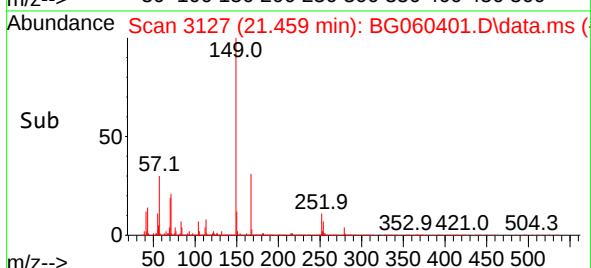
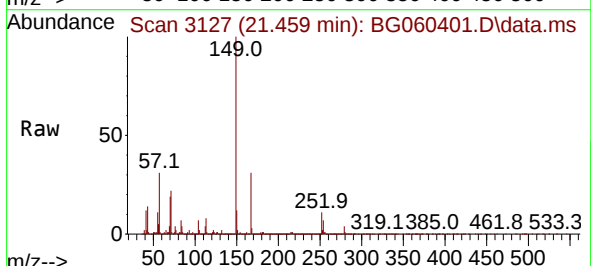
Tgt Ion:149 Resp: 2751844

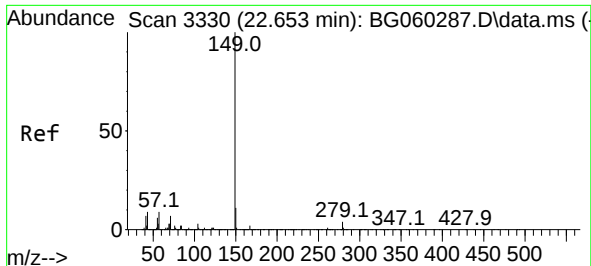
Ion Ratio Lower Upper

149 100

167 30.8 22.2 33.2

279 3.9 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 43.885 ng
RT: 22.652 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

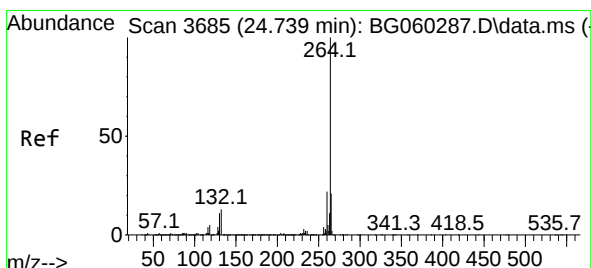
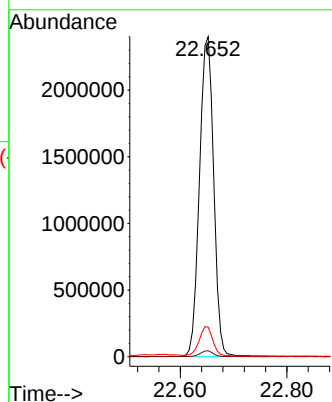
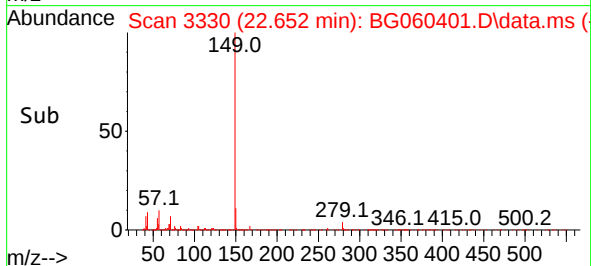
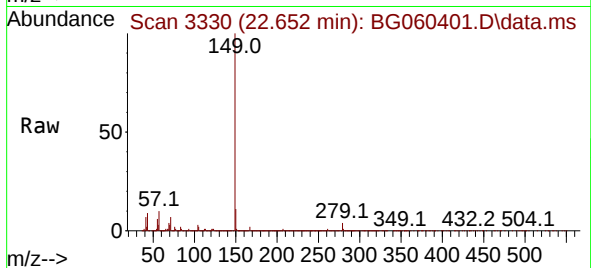
PB158553BS

Tgt Ion:149 Resp: 4428250
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 6.8 10.2

Manual Integrations

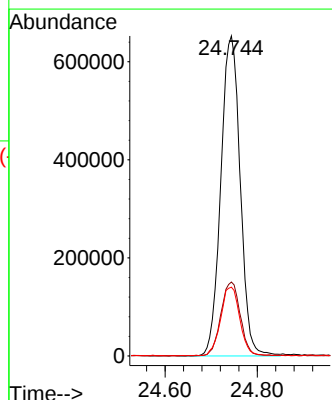
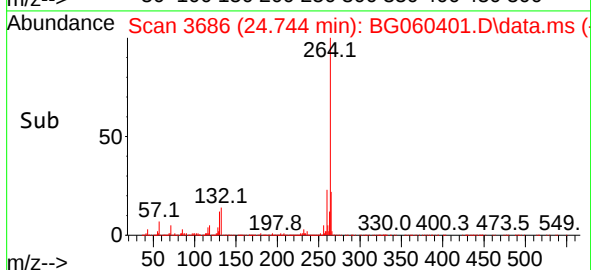
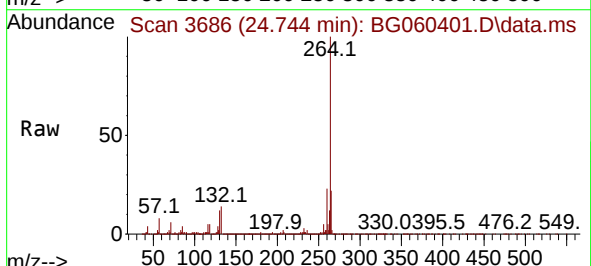
APPROVED

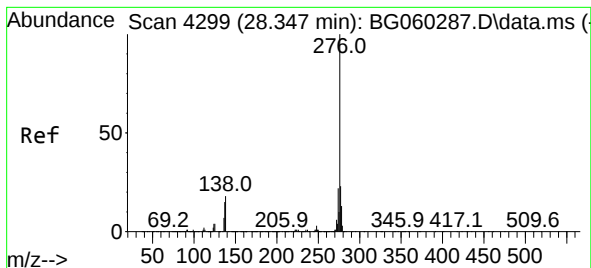
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.744 min Scan# 3686
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:264 Resp: 1898119
Ion Ratio Lower Upper
264 100
260 23.1 17.8 26.6
265 21.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.405 ng

RT: 28.357 min Scan# 41

Delta R.T. 0.010 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

Tgt Ion:276 Resp: 599245

Ion Ratio Lower Upper

276 100

138 22.0 12.5 18.7

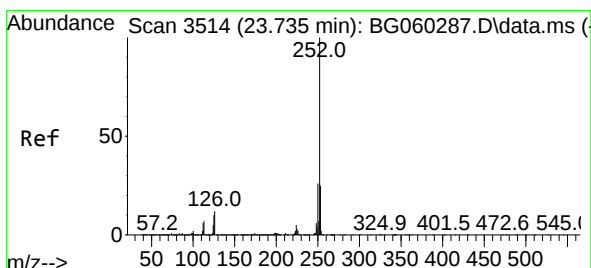
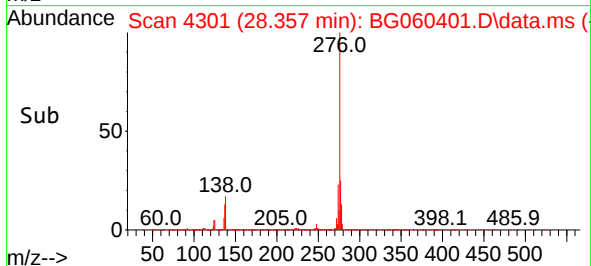
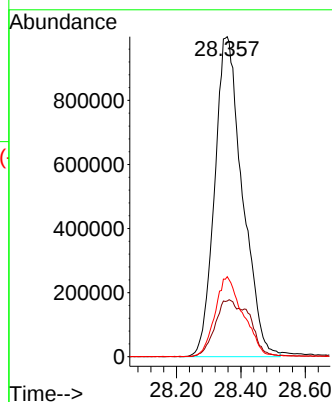
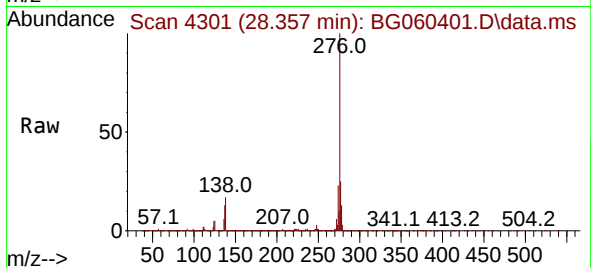
277 25.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#88

Benzo(b)fluoranthene

Concen: 45.420 ng

RT: 23.739 min Scan# 3515

Delta R.T. 0.005 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

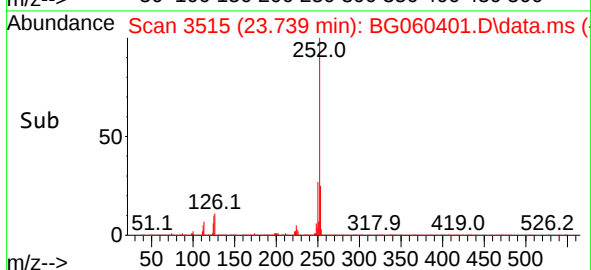
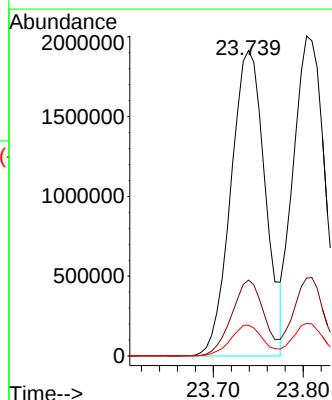
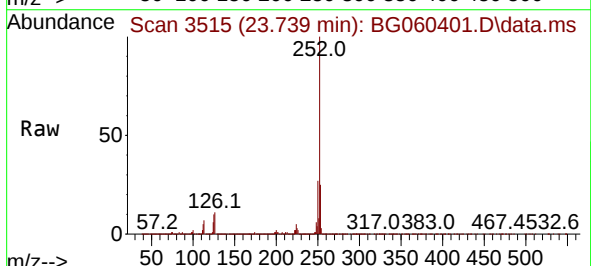
Tgt Ion:252 Resp: 5093041

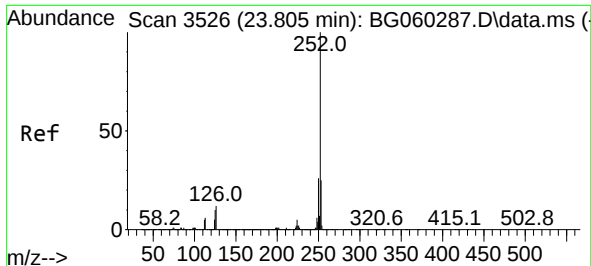
Ion Ratio Lower Upper

252 100

253 24.8 20.0 30.0

125 10.0 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.198 ng
RT: 23.804 min Scan# 3526
Delta R.T. -0.001 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Instrument :

BNL_G

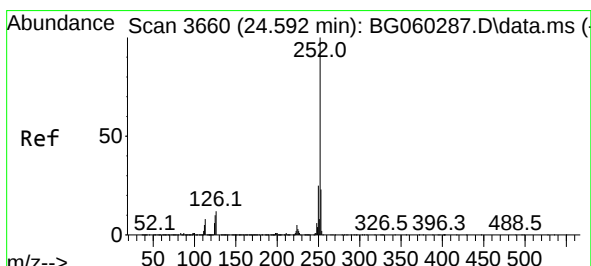
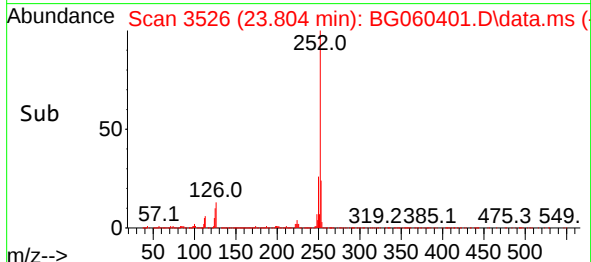
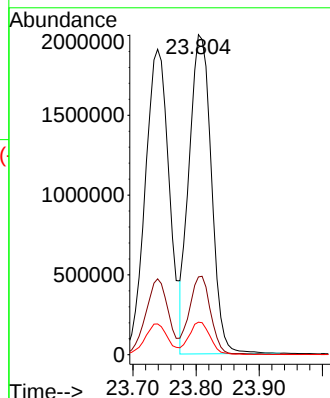
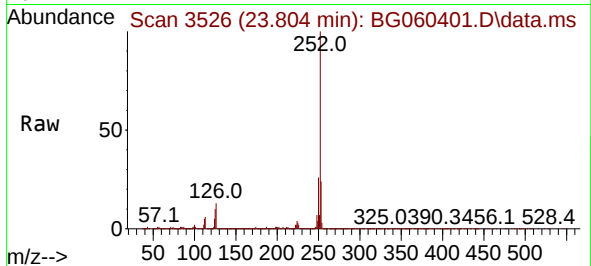
ClientSampleId :

PB158553BS

Tgt Ion:252 Resp: 489068
Ion Ratio Lower Upper
252 100
253 24.3 19.6 29.4
125 10.2 8.2 12.2

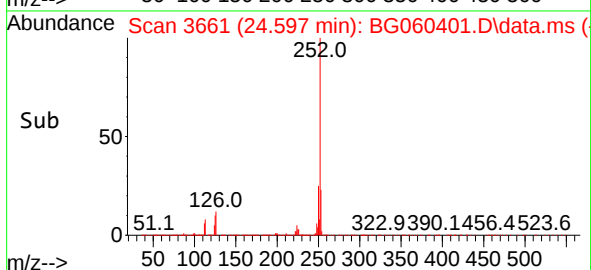
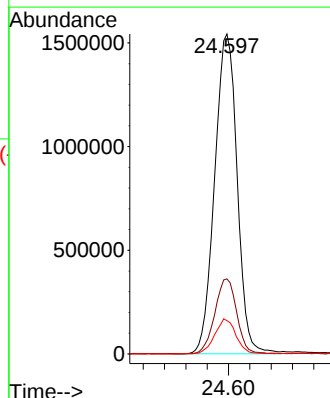
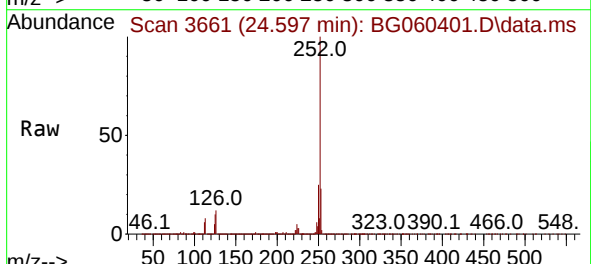
Manual Integrations
APPROVED

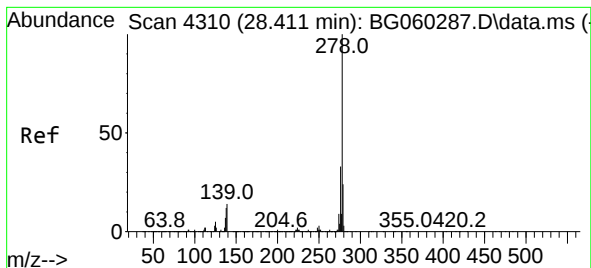
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#90
Benzo(a)pyrene
Concen: 44.555 ng
RT: 24.597 min Scan# 3661
Delta R.T. 0.005 min
Lab File: BG060401.D
Acq: 23 Jan 2024 13:08

Tgt Ion:252 Resp: 4513237
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 10.4 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 46.518 ng

RT: 28.422 min Scan# 4310

Delta R.T. 0.010 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

Instrument :

BNA_G

ClientSampleId :

PB158553BS

Tgt Ion:278 Resp: 501386

Ion Ratio Lower Upper

278 100

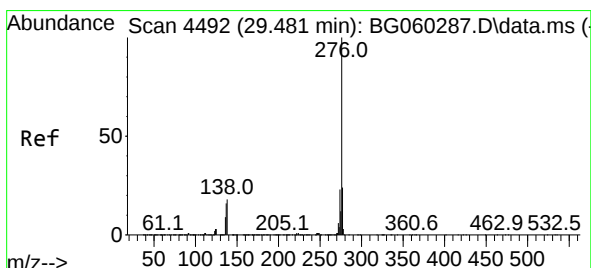
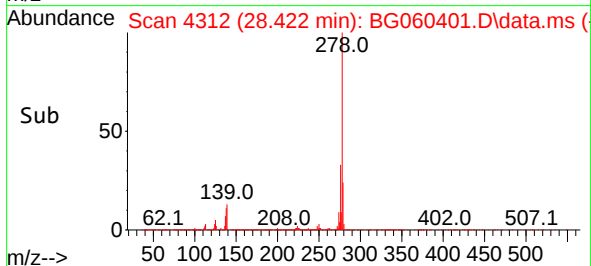
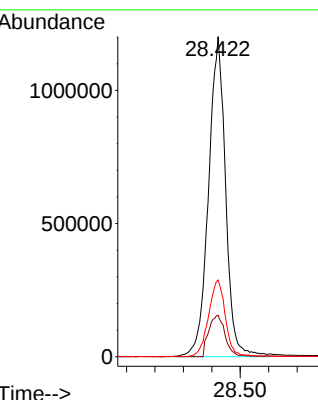
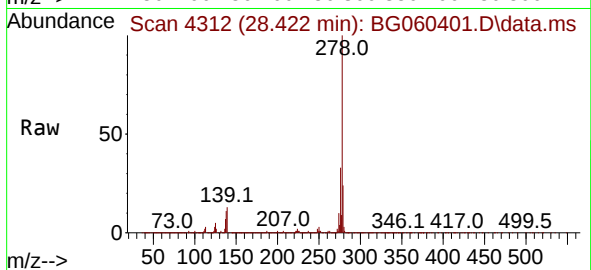
139 12.9 10.9 16.3

279 24.0 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#92

Benzo(g,h,i)perylene

Concen: 44.839 ng

RT: 29.497 min Scan# 4495

Delta R.T. 0.016 min

Lab File: BG060401.D

Acq: 23 Jan 2024 13:08

Tgt Ion:276 Resp: 4953236

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 19.0 14.2 21.4

