

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060408.D
 Acq On : 23 Jan 2024 17:58
 Operator : MA/JU
 Sample : P1219-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 222177MS

Quant Time: Jan 24 03:16:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	117919	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	584120	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	536276	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1397977	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1263635	20.000	ng	0.00
86) Perylene-d12	24.736	264	1438130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	915539	127.703	ng	0.00
7) Phenol-d6	7.092	99	1326246	124.929	ng	0.00
23) Nitrobenzene-d5	9.083	82	812113	65.651	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	946845	120.003	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	2296846	59.547	ng	0.00
79) Terphenyl-d14	19.930	244	3758538	70.300	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	110587	33.768	ng	# 96
3) Pyridine	3.790	79	314381	34.025	ng	93
4) n-Nitrosodimethylamine	3.707	42	114088	39.453	ng	99
6) Aniline	7.250	93	246233	23.205	ng	98
8) 2-Chlorophenol	7.491	128	346874	48.820	ng	91
9) Benzaldehyde	7.062	77	188615m	30.953	ng	
10) Phenol	7.121	94	516899	48.563	ng	99
11) bis(2-Chloroethyl)ether	7.344	93	343429	39.596	ng	95
12) 1,3-Dichlorobenzene	7.814	146	342454	38.399	ng	96
13) 1,4-Dichlorobenzene	7.961	146	345553	38.189	ng	98
14) 1,2-Dichlorobenzene	8.278	146	361102	38.810	ng	95
15) Benzyl Alcohol	8.161	79	339577	49.415	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.443	45	419169	39.818	ng	98
17) 2-Methylphenol	8.372	107	354259	48.457	ng	98
18) Hexachloroethane	9.007	117	121670	38.351	ng	97
19) n-Nitroso-di-n-propyla...	8.725	70	320393	43.606	ng	96
20) 3+4-Methylphenols	8.696	107	521373	52.894	ng	98
22) Acetophenone	8.748	105	608797	37.916	ng	# 98
24) Nitrobenzene	9.130	77	440512	34.352	ng	93
25) Isophorone	9.647	82	937631	37.743	ng	97
26) 2-Nitrophenol	9.841	139	213289	45.237	ng	96
27) 2,4-Dimethylphenol	9.900	122	322039	51.691	ng	99
28) bis(2-Chloroethoxy)met...	10.135	93	549926	36.230	ng	99
29) 2,4-Dichlorophenol	10.376	162	482551	47.797	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	445665	35.482	ng	97
31) Naphthalene	10.781	128	1161880	37.947	ng	98
32) Benzoic acid	10.000	122	128371	28.574	ng	92
33) 4-Chloroaniline	10.887	127	229014	19.412	ng	98
34) Hexachlorobutadiene	11.063	225	270172	33.020	ng	93
35) Caprolactam	11.663	113	191691	58.950	ng	91
36) 4-Chloro-3-methylphenol	12.015	107	556094	54.219	ng	98
37) 2-Methylnaphthalene	12.391	142	945592	41.640	ng	98
38) 1-Methylnaphthalene	12.609	142	911353	39.966	ng	98
40) 1,2,4,5-Tetrachloroben...	12.756	216	641475	33.680	ng	99
41) Hexachlorocyclopentadiene	12.732	237	552255	87.335	ng	99
43) 2,4,6-Trichlorophenol	12.996	196	522976	43.147	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	587439	43.941	ng	98
46) 1,1'-Biphenyl	13.396	154	1437981	35.523	ng	98
47) 2-Chloronaphthalene	13.443	162	1196174	34.493	ng	98
48) 2-Nitroaniline	13.649	65	381463	44.169	ng	95
49) Acenaphthylene	14.289	152	2035459	42.623	ng	99
50) Dimethylphthalate	14.019	163	1640593	40.033	ng	100
51) 2,6-Dinitrotoluene	14.136	165	367570	42.034	ng	96
52) Acenaphthene	14.630	154	1145537	38.523	ng	98
53) 3-Nitroaniline	14.471	138	186934	23.460	ng	97
54) 2,4-Dinitrophenol	14.677	184	369144	70.738	ng	95
55) Dibenzofuran	14.965	168	2044106	41.179	ng	99
56) 4-Nitrophenol	14.788	139	599764	101.480	ng	96
57) 2,4-Dinitrotoluene	14.929	165	544092	45.374	ng	92
58) Fluorene	15.611	166	1686888	41.036	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	552293	48.650	ng	98
60) Diethylphthalate	15.382	149	1668433	42.407	ng	97
61) 4-Chlorophenyl-phenyle...	15.605	204	889134	39.264	ng	97
62) 4-Nitroaniline	15.640	138	375030	44.223	ng	97
63) Azobenzene	15.899	77	1610751	40.478	ng	99
65) 4,6-Dinitro-2-methylph...	15.693	198	315316	40.771	ng	98
66) n-Nitrosodiphenylamine	15.823	169	1556347	41.928	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	602349	39.213	ng	97
68) Hexachlorobenzene	16.616	284	676537	37.207	ng	98
69) Atrazine	16.769	200	590268	42.172	ng	98
70) Pentachlorophenol	16.962	266	803626	81.994	ng	94
71) Phenanthrene	17.356	178	2792995	41.334	ng	97
72) Anthracene	17.444	178	2848316	42.220	ng	97
73) Carbazole	17.714	167	2551840	40.122	ng	96
74) Di-n-butylphthalate	18.273	149	2774909	42.403	ng	97
75) Fluoranthene	19.371	202	3170686	39.067	ng	92
77) Benzidine	19.548	184	1058332	38.551	ng	98
78) Pyrene	19.730	202	3297216	40.860	ng	91
80) Butylbenzylphthalate	20.617	149	1256333	45.253	ng	95
81) Benzo(a)anthracene	21.557	228	3277011	41.890	ng	95
82) 3,3'-Dichlorobenzidine	21.475	252	635993	21.229	ng	96
83) Chrysene	21.622	228	3122312	40.582	ng	95
84) Bis(2-ethylhexyl)phtha...	21.457	149	1897179	45.222	ng	98
85) Di-n-octyl phthalate	22.644	149	3152388	46.370	ng	99
87) Indeno(1,2,3-cd)pyrene	28.349	276	4102201	41.024	ng	# 94
88) Benzo(b)fluoranthene	23.731	252	3379428	39.777	ng	97
89) Benzo(k)fluoranthene	23.801	252	3331327	39.736	ng	98
90) Benzo(a)pyrene	24.589	252	3161238	41.190	ng	99
91) Dibenzo(a,h)anthracene	28.408	278	3327486	40.747	ng	99
92) Benzo(g,h,i)perylene	29.477	276	3231384	38.608	ng	99

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

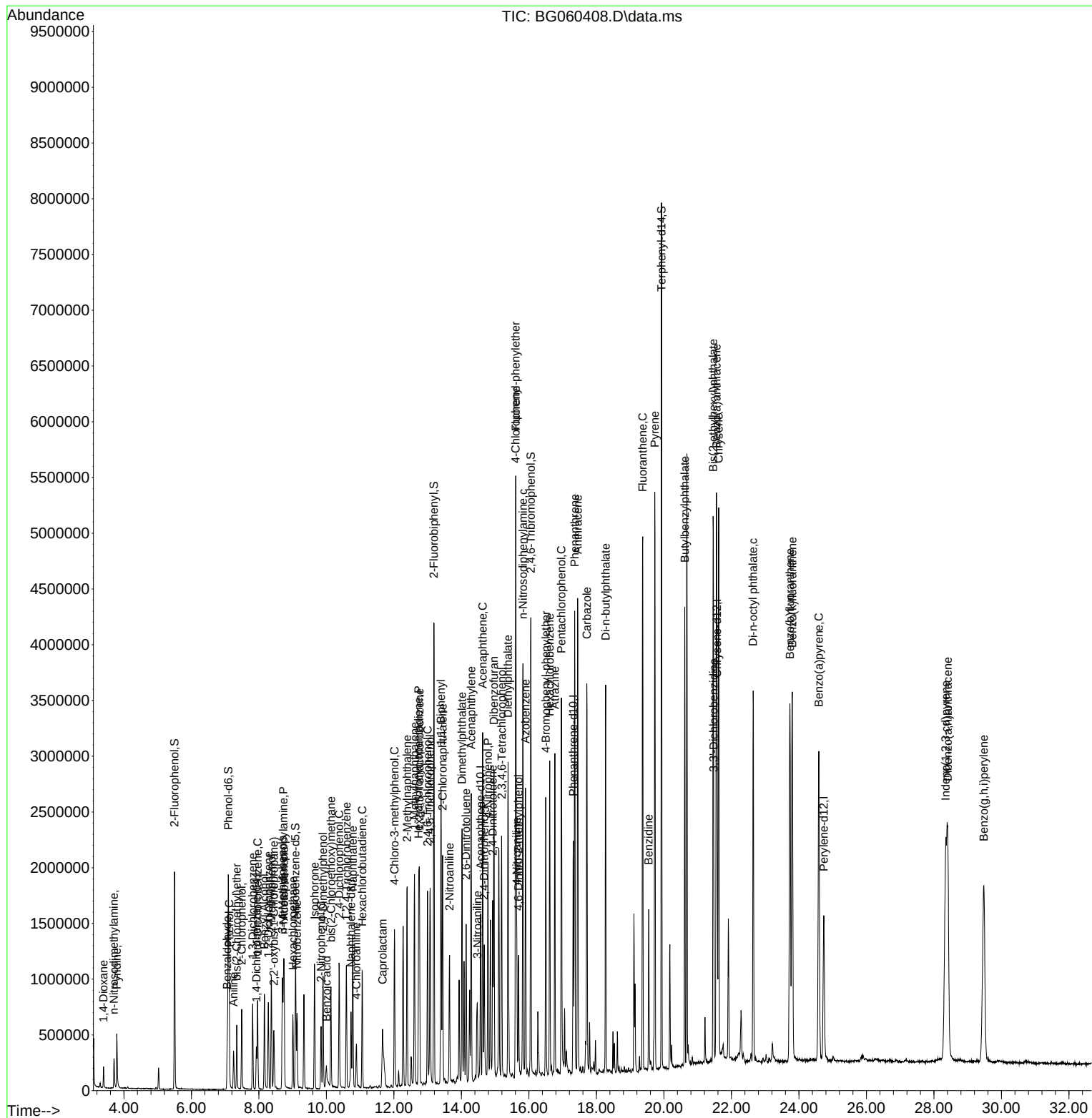
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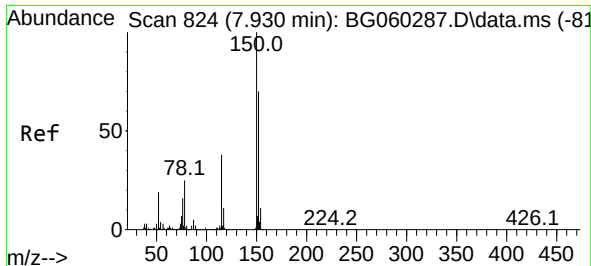
Instrument :
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 ClientSampleId :
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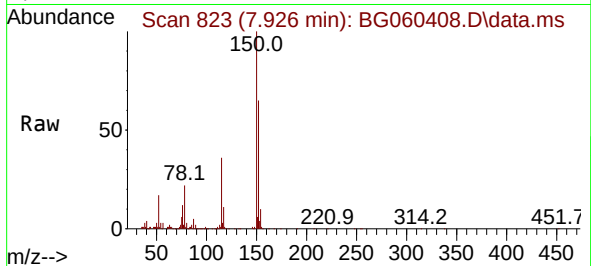
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

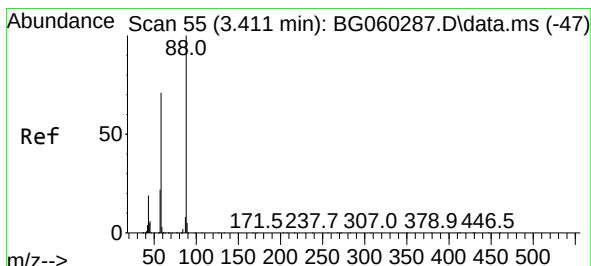
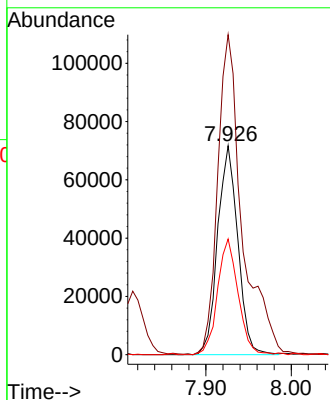
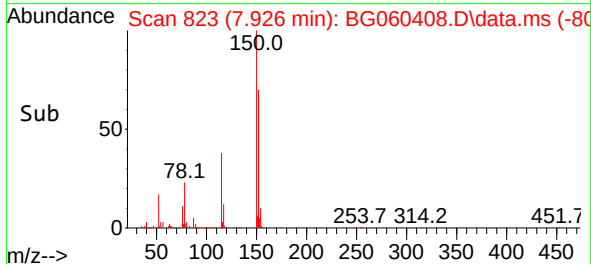
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:152 Resp: 117919
Ion Ratio Lower Upper
152 100
150 153.2 114.5 171.7
115 55.3 43.0 64.6

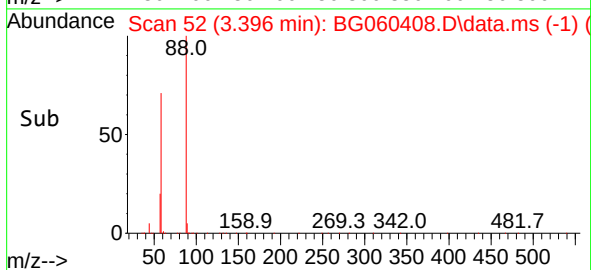
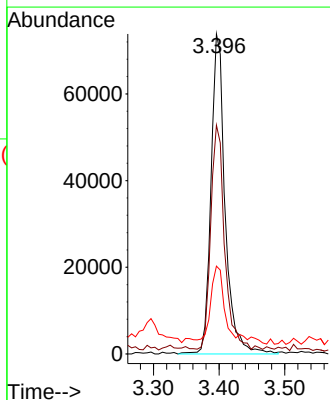
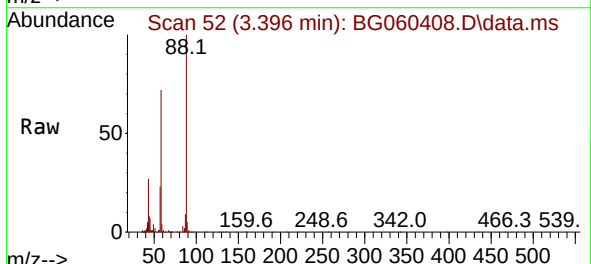
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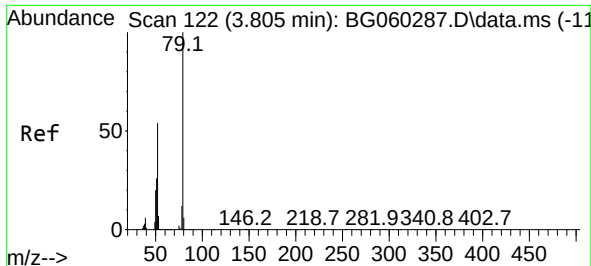
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#2
1,4-Dioxane
Concen: 33.768 ng
RT: 3.396 min Scan# 52
Delta R.T. -0.015 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Tgt Ion: 88 Resp: 110587
Ion Ratio Lower Upper
88 100
58 68.5 55.9 83.9
43 26.4 16.6 24.8





#3

Pyridine

Concen: 34.025 ng

RT: 3.790 min Scan# 11

Delta R.T. -0.015 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

222177MS

Tgt Ion: 79 Resp: 31438

Ion Ratio Lower Upper

79 100

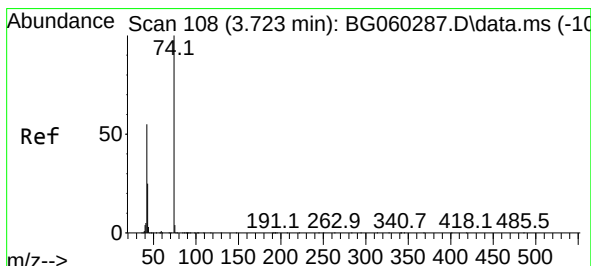
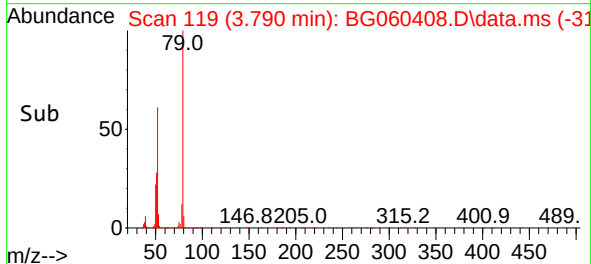
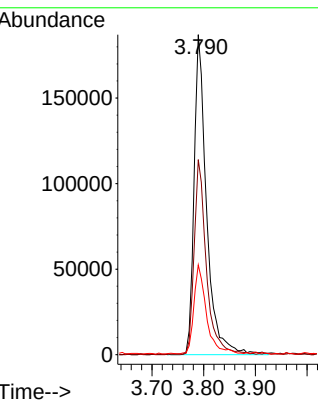
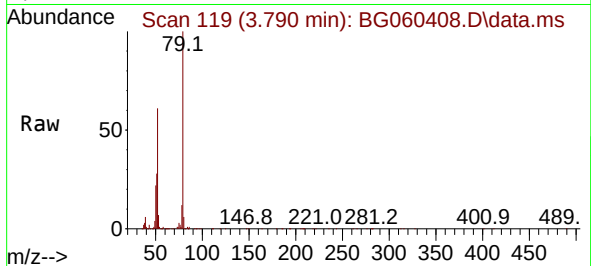
52 61.0 43.2 64.8

51 28.0 21.4 32.2

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#4

n-Nitrosodimethylamine

Concen: 39.453 ng

RT: 3.707 min Scan# 105

Delta R.T. -0.015 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

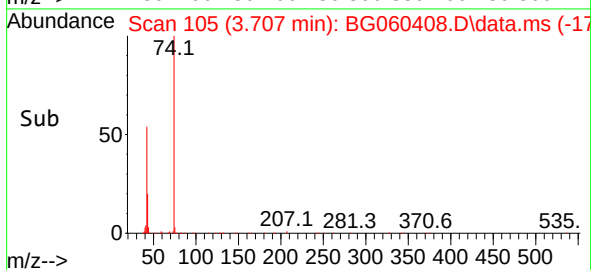
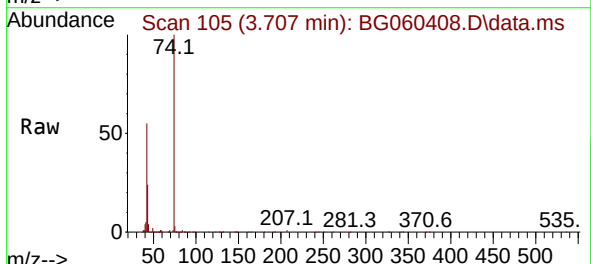
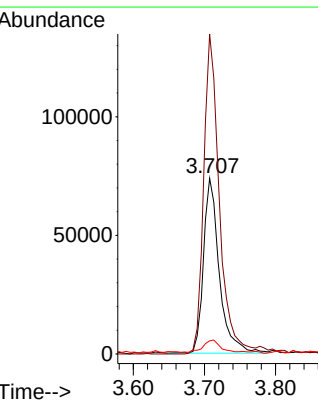
Tgt Ion: 42 Resp: 114088

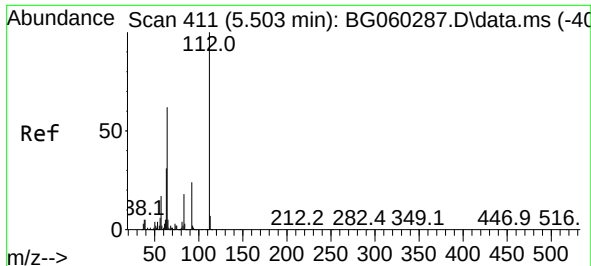
Ion Ratio Lower Upper

42 100

74 182.2 145.1 217.7

44 7.4 5.2 7.8





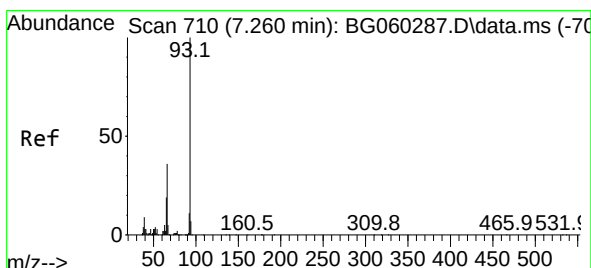
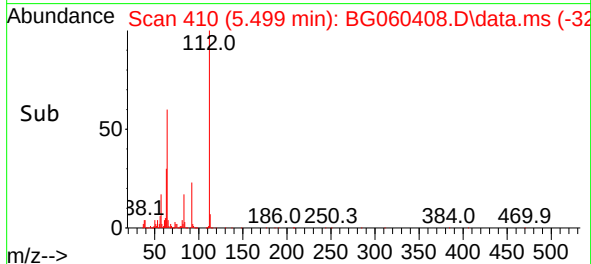
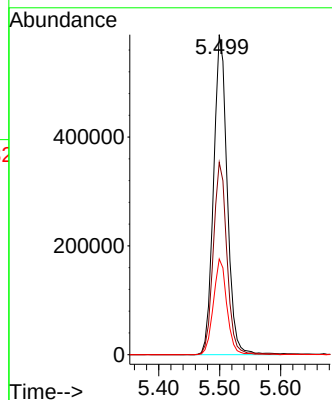
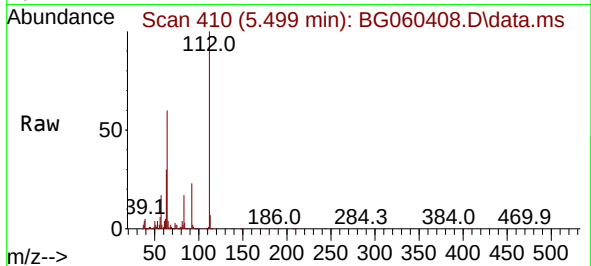
#5
2-Fluorophenol
Concen: 127.703 ng
RT: 5.499 min Scan# 411
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Instrument :
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ClientSampleId :
222177MS

Tgt Ion:112 Resp: 915539
Ion Ratio Lower Upper
112 100
64 60.1 49.8 74.6
63 29.9 24.4 36.6

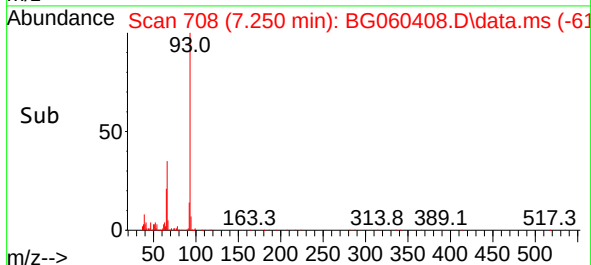
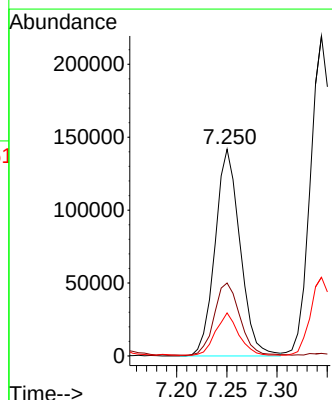
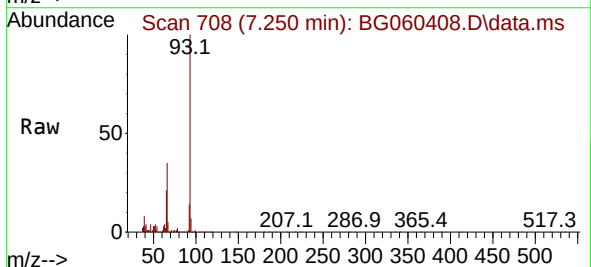
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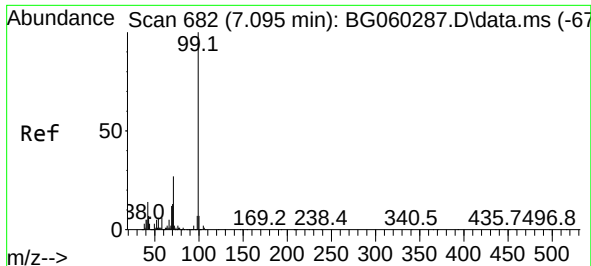
Reviewed By :Jagrut Upadhyay 01/24/2024
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#6
Aniline
Concen: 23.205 ng
RT: 7.250 min Scan# 708
Delta R.T. -0.010 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

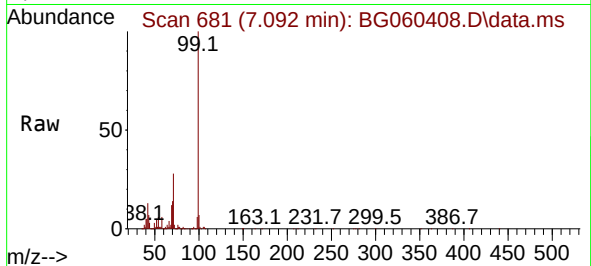
Tgt Ion: 93 Resp: 246233
Ion Ratio Lower Upper
93 100
66 35.3 29.0 43.4
65 20.8 15.1 22.7





#7
Phenol-d6
Concen: 124.929 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

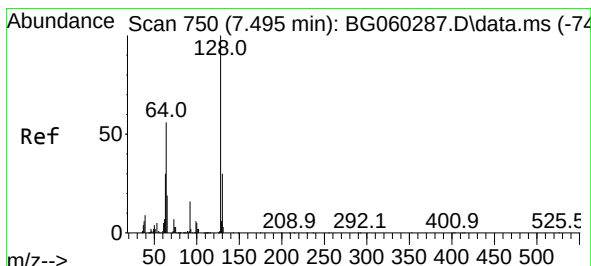
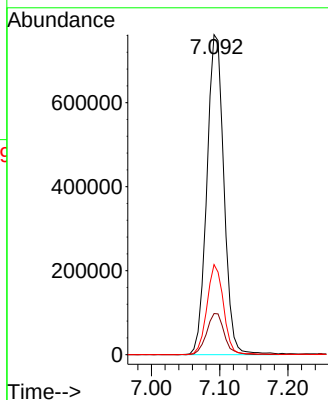
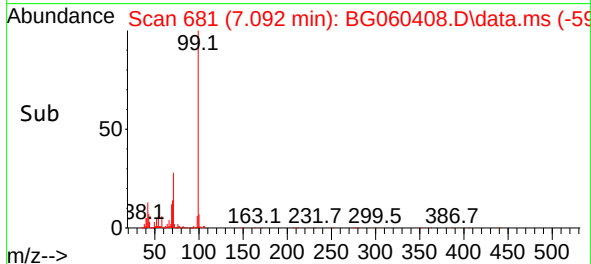
Instrument :
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Tgt Ion: 99 Resp: 1326240
Ion Ratio Lower Upper
99 100
42 12.8 10.9 16.3
71 28.2 21.5 32.3

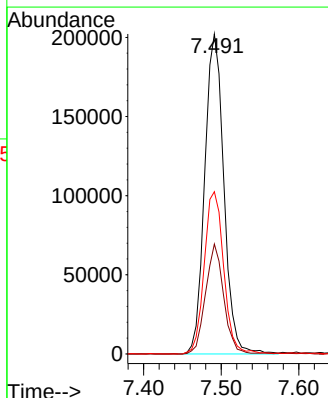
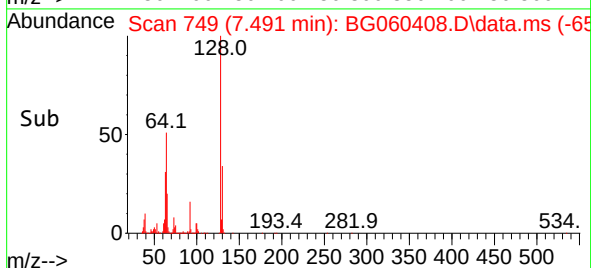
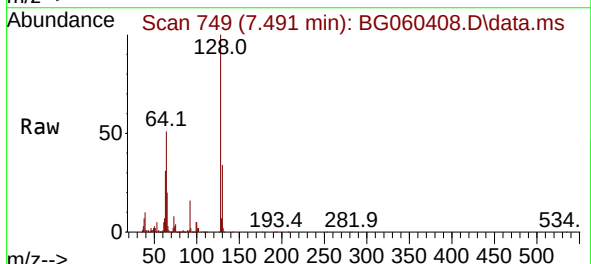
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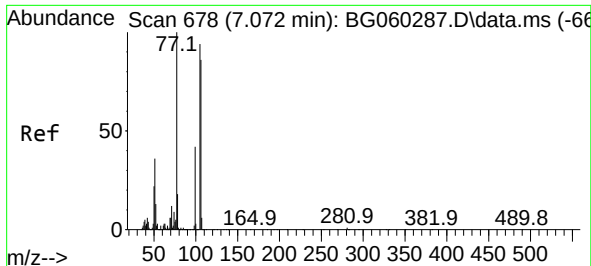
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#8
2-Chlorophenol
Concen: 48.820 ng
RT: 7.491 min Scan# 749
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

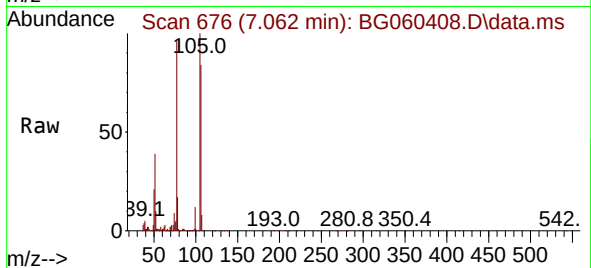
Tgt Ion:128 Resp: 346874
Ion Ratio Lower Upper
128 100
130 34.3 9.9 49.9
64 50.7 37.8 77.8





#9
Benzaldehyde
Concen: 30.953 ng m
RT: 7.062 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG060408.D
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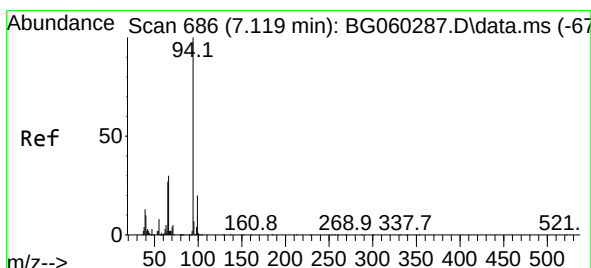
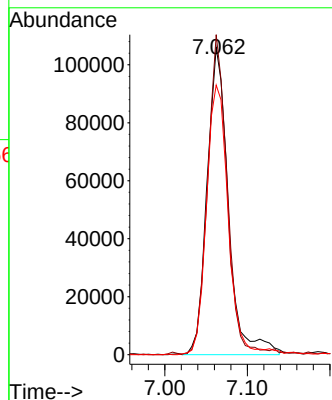
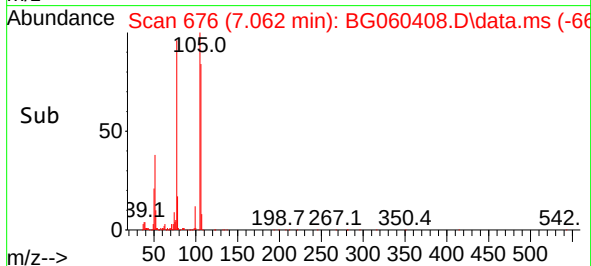
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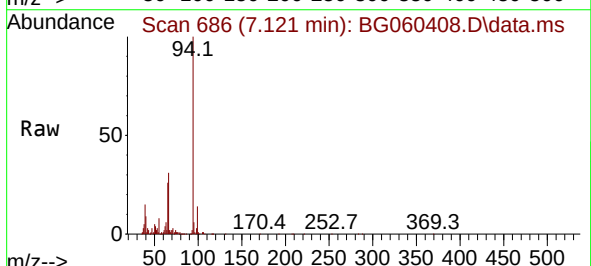
Tgt Ion: 77 Resp: 18861
Ion Ratio Lower Upper
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105 104.2 73.6 113.6
106 87.8 66.2 106.2

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APPROVED

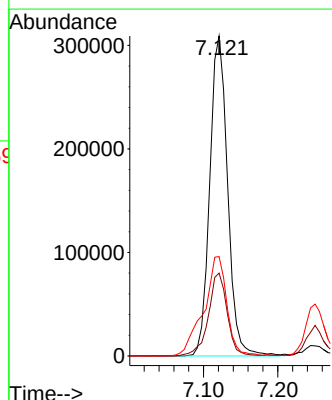
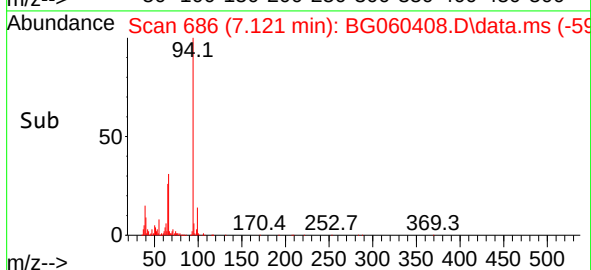
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

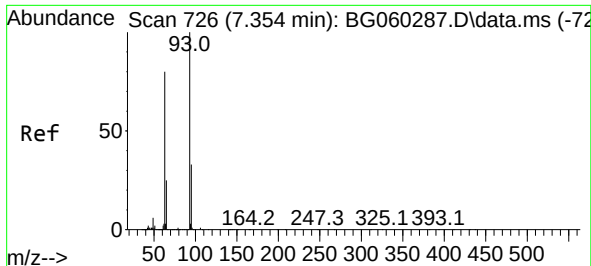


#10
Phenol
Concen: 48.563 ng
RT: 7.121 min Scan# 686
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58



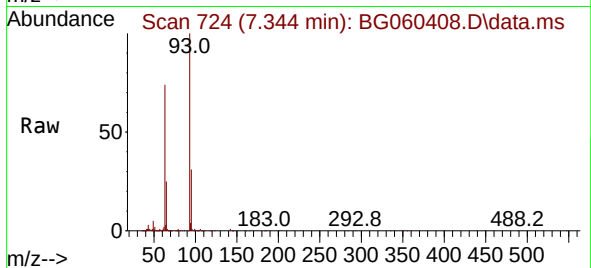
Tgt Ion: 94 Resp: 516899
Ion Ratio Lower Upper
94 100
65 25.9 6.7 46.7
66 31.1 10.6 50.6





#11
bis(2-Chloroethyl)ether
Concen: 39.596 ng
RT: 7.344 min Scan# 726
Delta R.T. -0.010 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

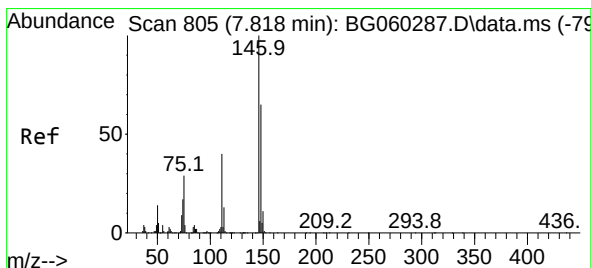
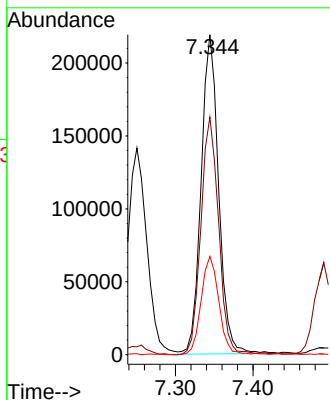
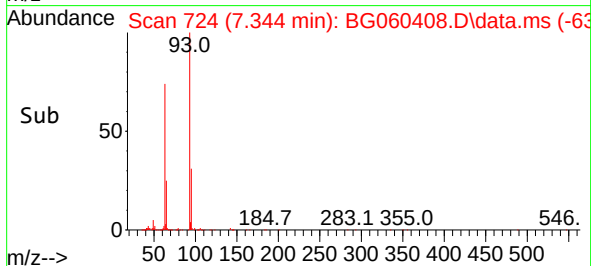
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion: 93 Resp: 343429
Ion Ratio Lower Upper
93 100
63 74.2 59.3 99.3
95 30.7 12.8 52.8

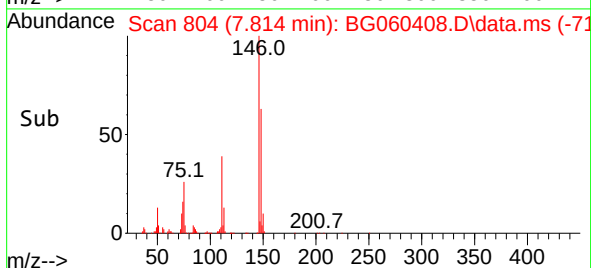
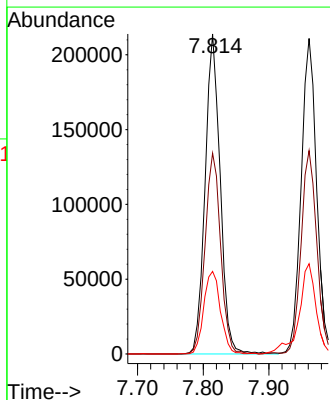
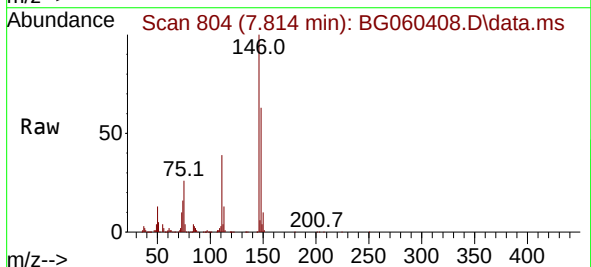
Manual Integrations
APPROVED

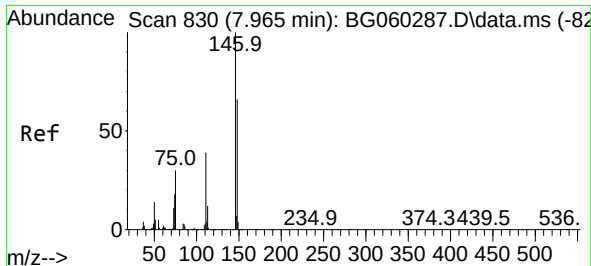
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#12
1,3-Dichlorobenzene
Concen: 38.399 ng
RT: 7.814 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

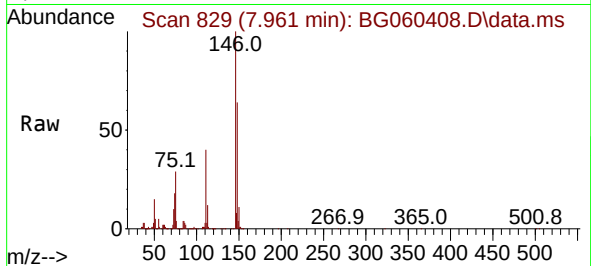
Tgt Ion:146 Resp: 342454
Ion Ratio Lower Upper
146 100
148 62.7 52.3 78.5
75 25.8 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 38.189 ng
RT: 7.961 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

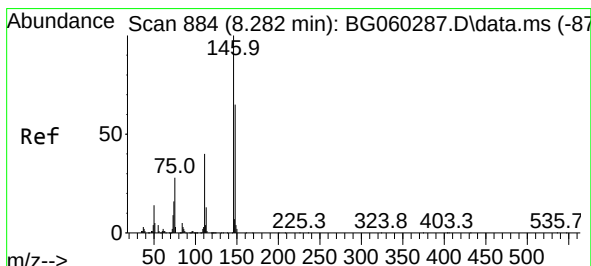
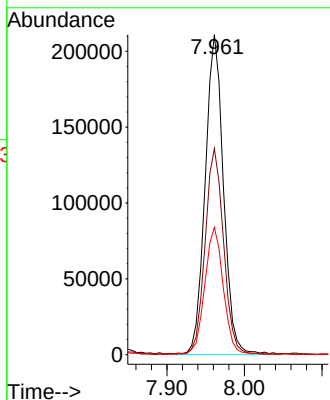
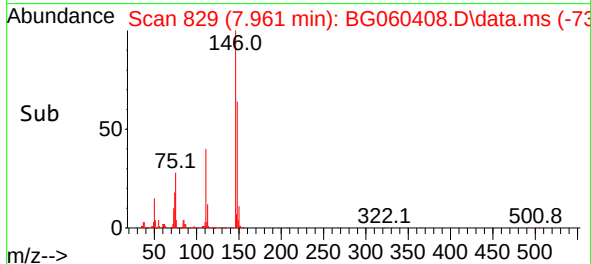
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:146 Resp: 34555
Ion Ratio Lower Upper
146 100
148 64.4 52.7 79.1
111 39.8 31.4 47.0

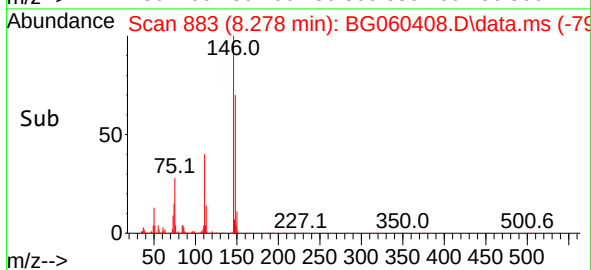
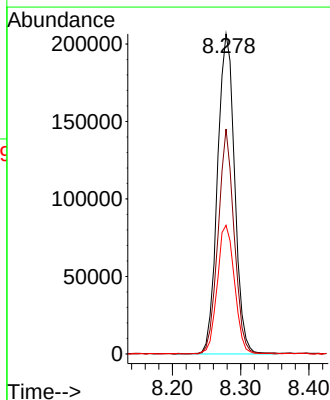
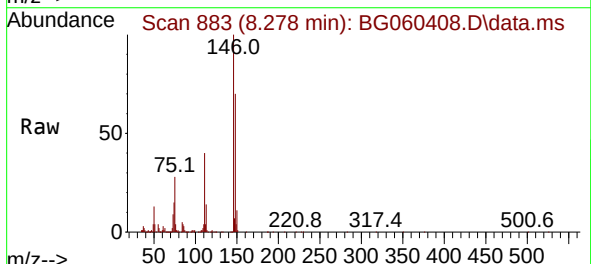
Manual Integrations
APPROVED

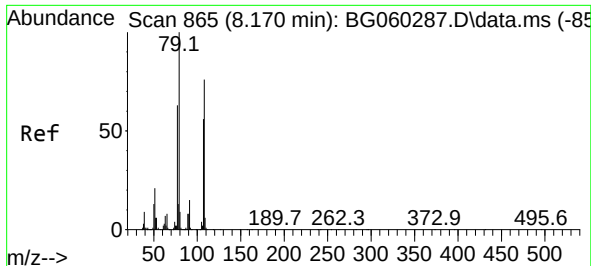
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#14
1,2-Dichlorobenzene
Concen: 38.810 ng
RT: 8.278 min Scan# 883
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

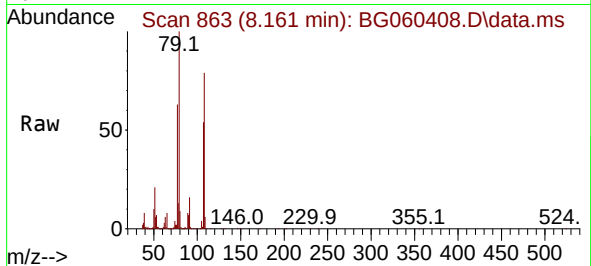
Tgt Ion:146 Resp: 361102
Ion Ratio Lower Upper
146 100
148 70.3 51.8 77.8
111 40.2 32.6 48.8





#15
Benzyl Alcohol
Concen: 49.415 ng
RT: 8.161 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

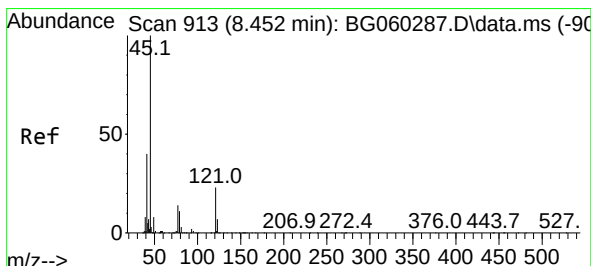
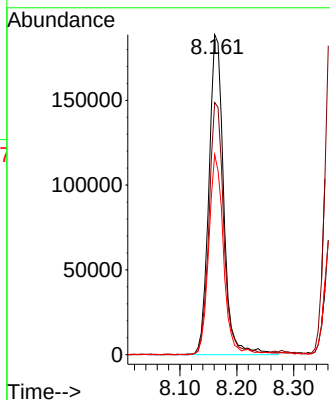
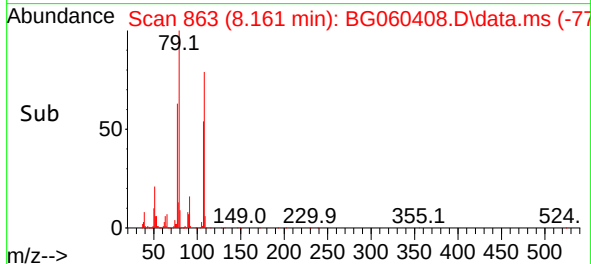
Instrument :
BNA_G
ClientSampleId :
222177MS



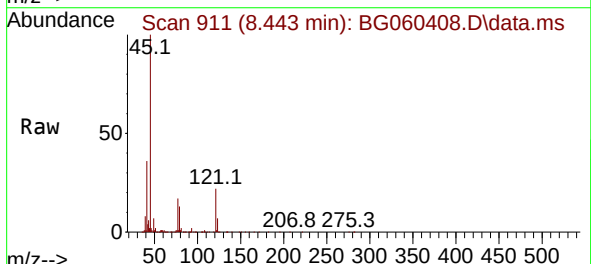
Tgt Ion: 79 Resp: 33957
Ion Ratio Lower Upper
79 100
108 78.8 61.2 91.8
77 62.5 50.3 75.5

Manual Integrations
APPROVED

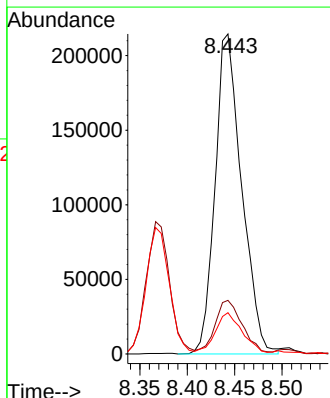
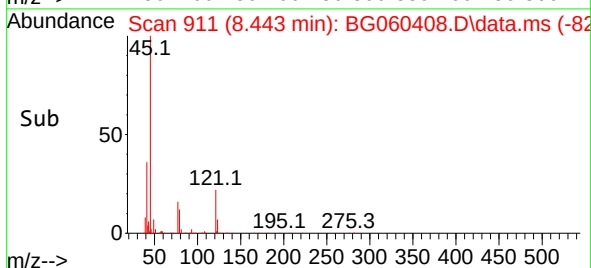
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

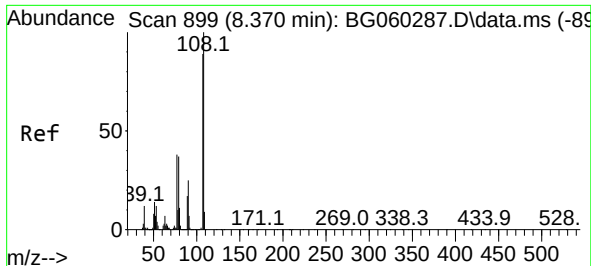


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.818 ng
RT: 8.443 min Scan# 911
Delta R.T. -0.010 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58



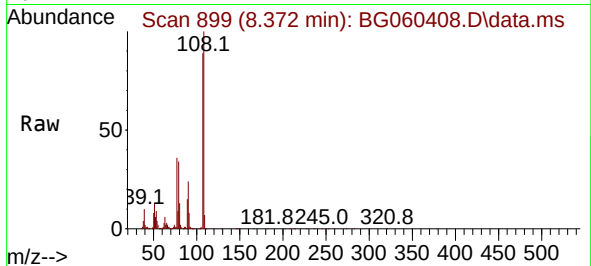
Tgt Ion: 45 Resp: 419169
Ion Ratio Lower Upper
45 100
77 16.7 0.0 37.3
79 12.9 0.0 34.0





#17
2-Methylphenol
Concen: 48.457 ng
RT: 8.372 min Scan# 899
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

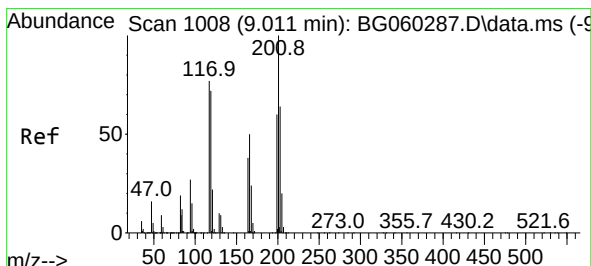
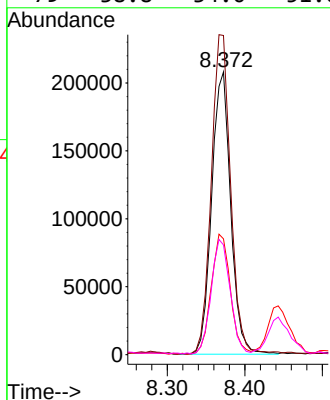
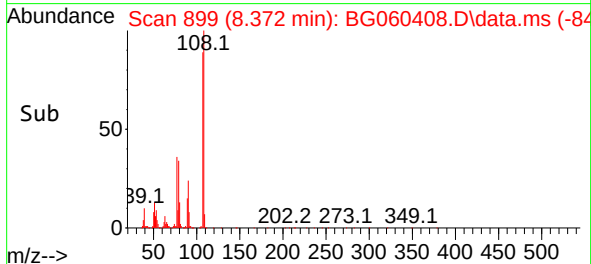
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:	107	Resp:	354259
Ion Ratio	Lower	Upper	
107	100		
108	112.9	90.5	135.7
77	40.9	35.0	52.6
79	38.8	34.0	51.0

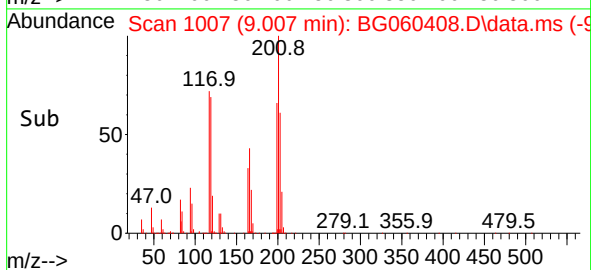
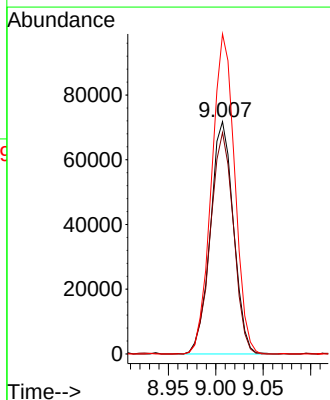
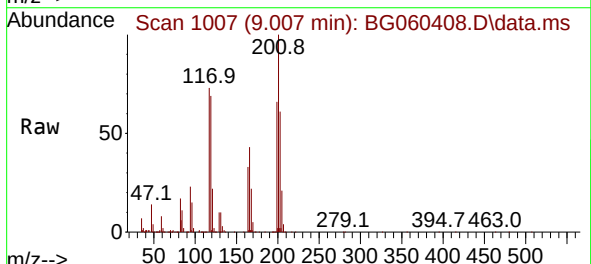
Manual Integrations
APPROVED

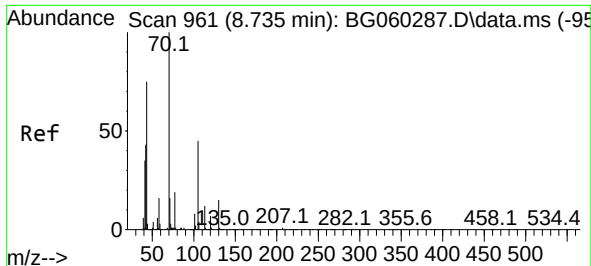
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#18
Hexachloroethane
Concen: 38.351 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

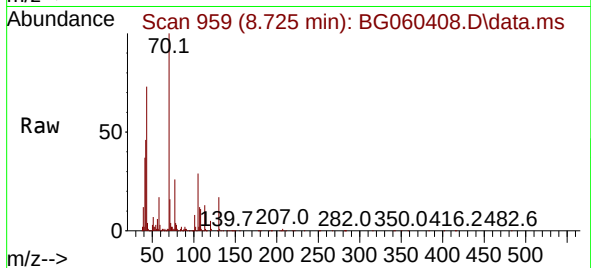
Tgt Ion:	117	Resp:	121670
Ion Ratio	Lower	Upper	
117	100		
119	95.3	74.5	111.7
201	137.7	106.3	159.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.606 ng
RT: 8.725 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

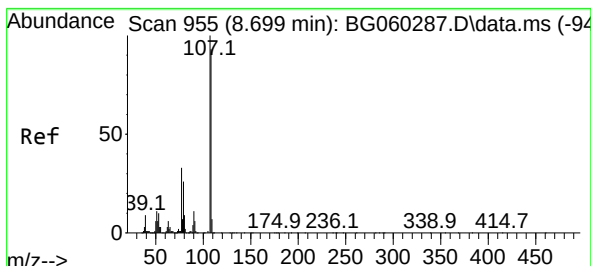
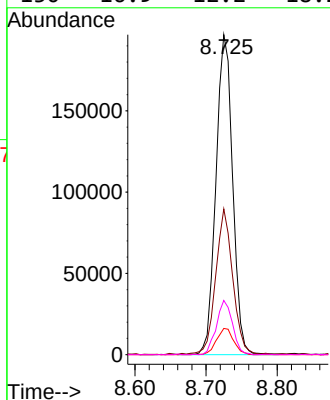
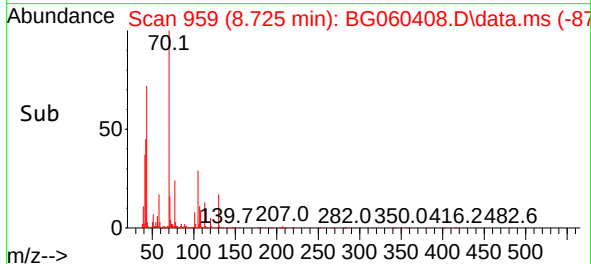
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion: 70 Resp: 32039
Ion Ratio Lower Upper
70 100
42 45.5 34.3 51.5
101 8.2 6.2 9.2
130 16.9 12.2 18.2

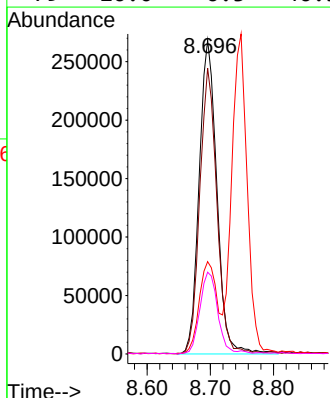
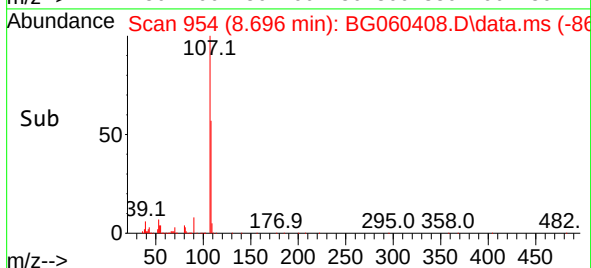
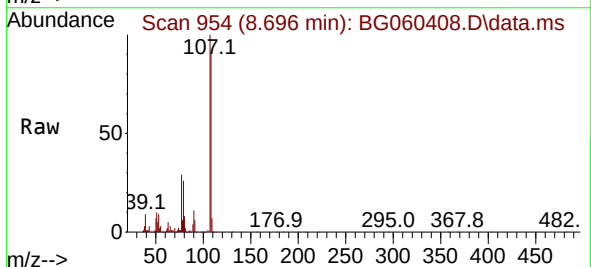
Manual Integrations
APPROVED

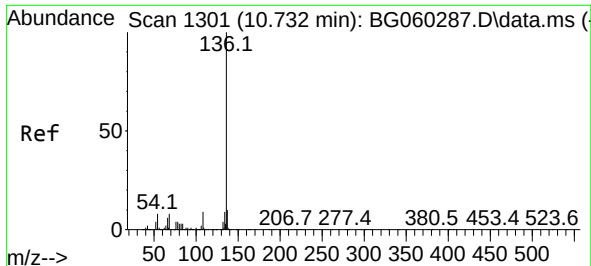
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#20
3+4-Methylphenols
Concen: 52.894 ng
RT: 8.696 min Scan# 954
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Tgt Ion:107 Resp: 521373
Ion Ratio Lower Upper
107 100
108 91.1 72.5 112.5
77 29.4 13.0 53.0
79 26.0 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

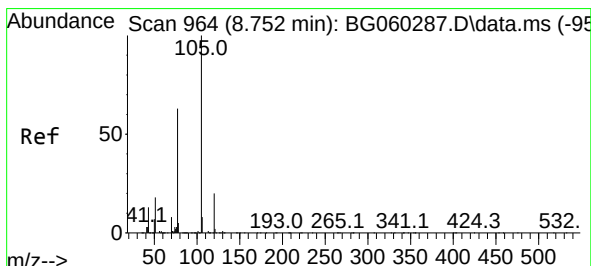
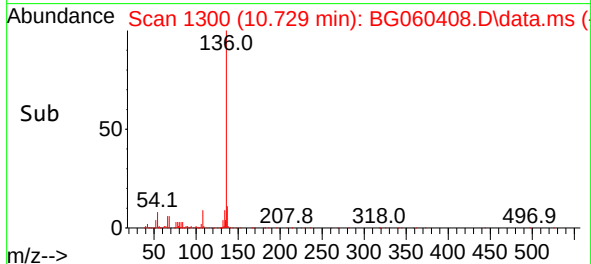
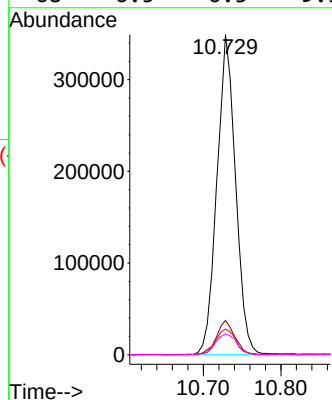
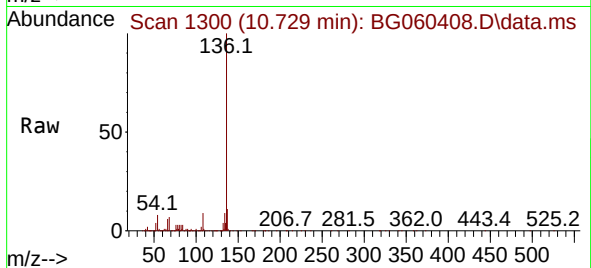
222177MS

Tgt Ion:136 Resp: 584120
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.0 6.2 9.2
68 6.5 6.3 9.5

Manual Integrations

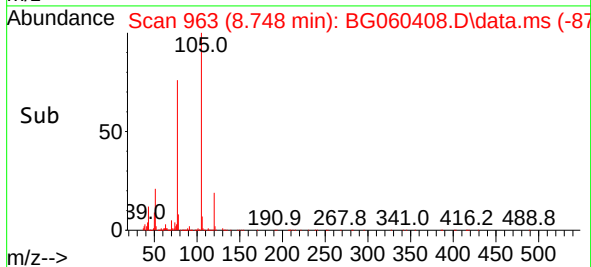
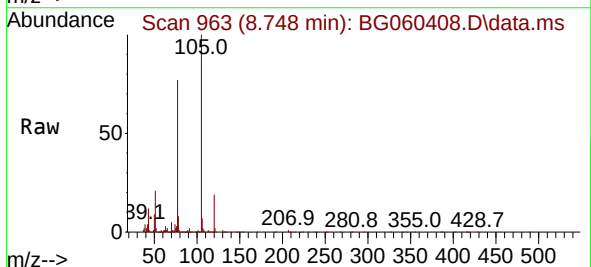
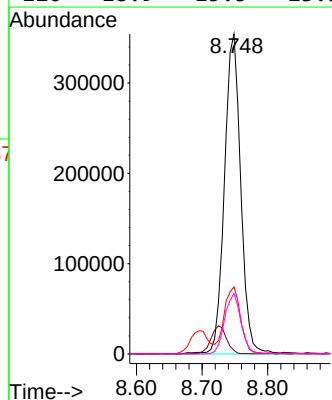
APPROVED

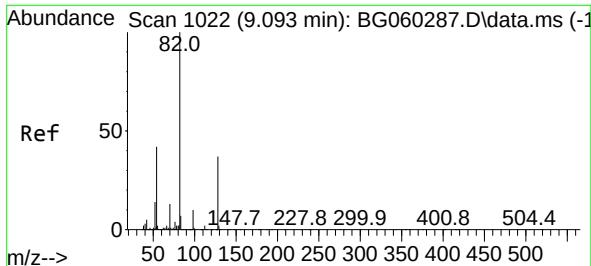
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#22
Acetophenone
Concen: 37.916 ng
RT: 8.748 min Scan# 963
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

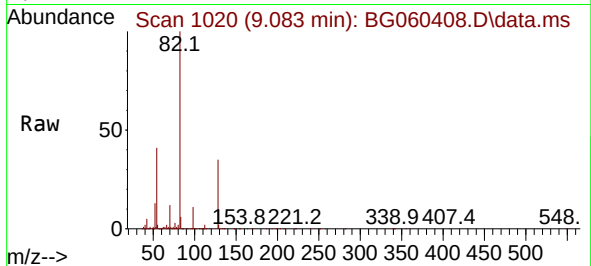
Tgt Ion:105 Resp: 608797
Ion Ratio Lower Upper
105 100
71 1.2 1.7 2.5#
51 21.0 18.2 27.2
120 18.9 15.5 23.3





#23
Nitrobenzene-d5
Concen: 65.651 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.010 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

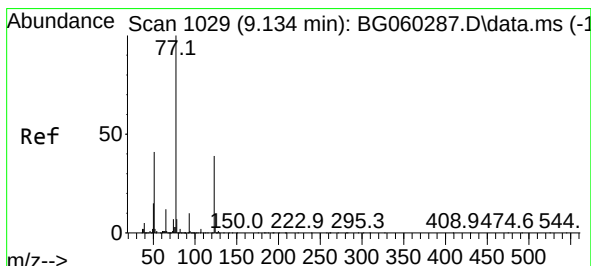
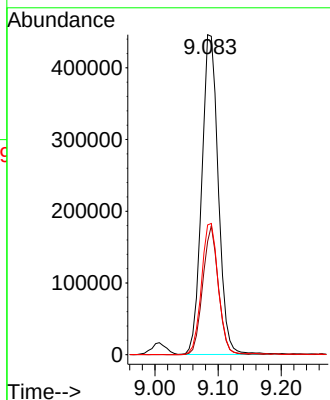
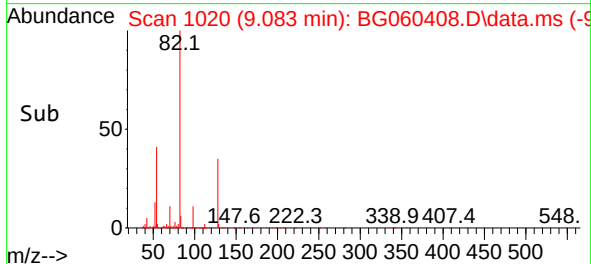
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion: 82 Resp: 81211
Ion Ratio Lower Upper
82 100
128 35.4 29.6 44.4
54 40.6 33.6 50.4

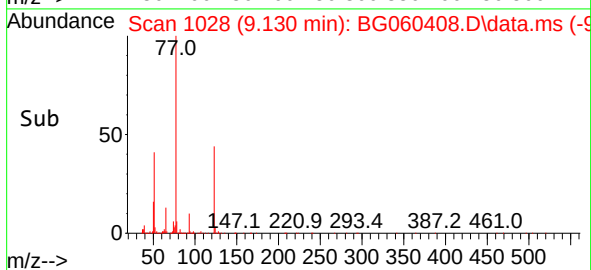
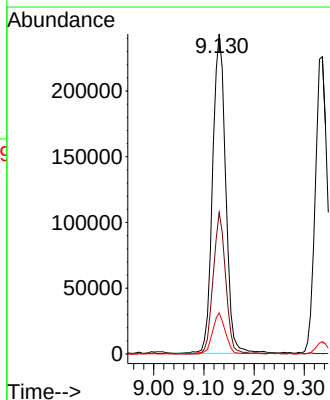
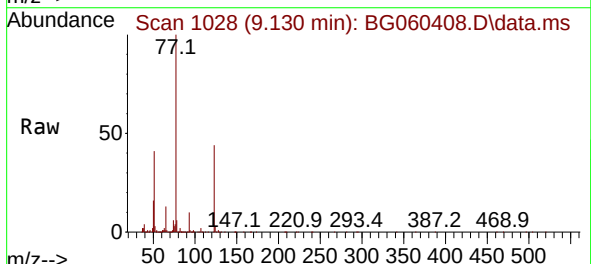
Manual Integrations
APPROVED

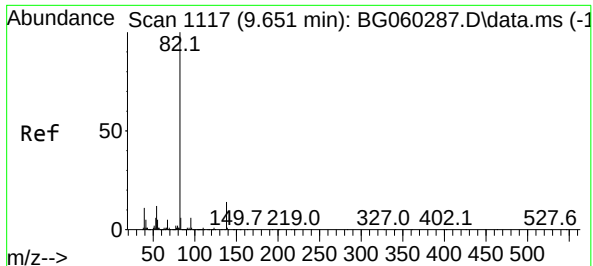
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#24
Nitrobenzene
Concen: 34.352 ng
RT: 9.130 min Scan# 1028
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

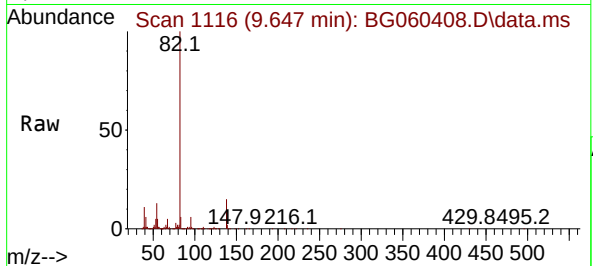
Tgt Ion: 77 Resp: 440512
Ion Ratio Lower Upper
77 100
123 44.2 31.4 47.0
65 12.8 9.6 14.4





#25
Isophorone
Concen: 37.743 ng
RT: 9.647 min Scan# 1116
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

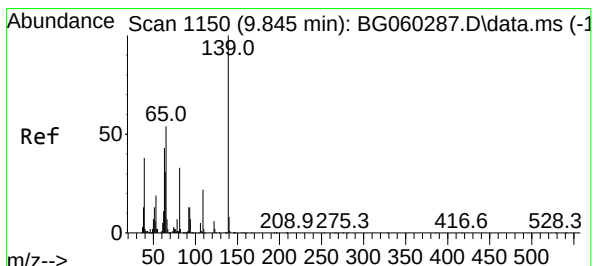
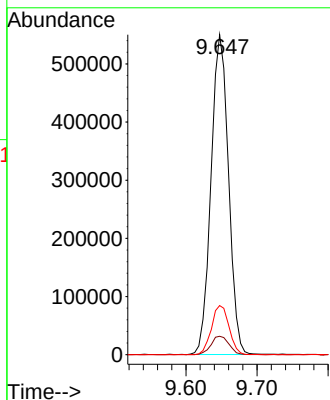
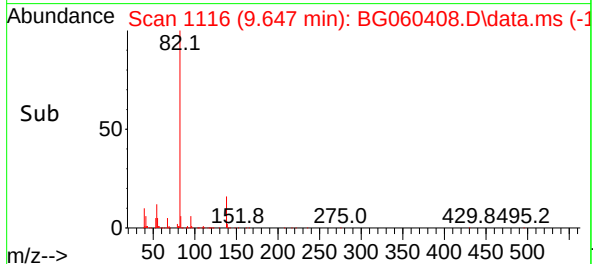
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion: 82 Resp: 93763
Ion Ratio Lower Upper
82 100
95 5.7 4.7 7.1
138 15.4 11.1 16.7

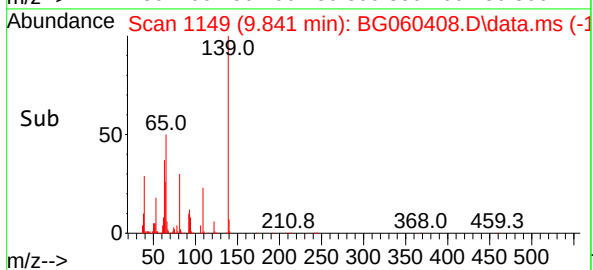
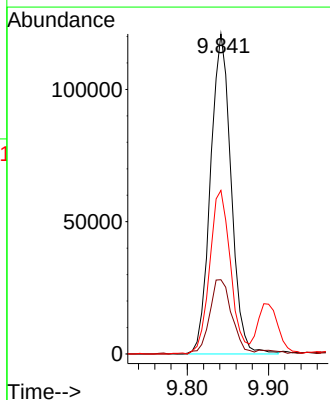
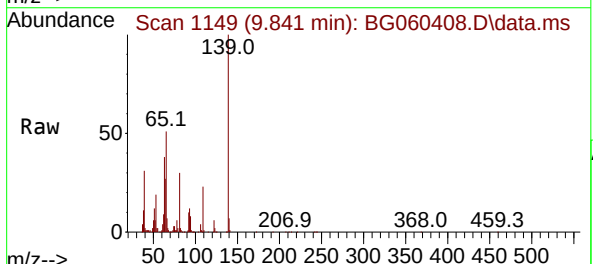
Manual Integrations
APPROVED

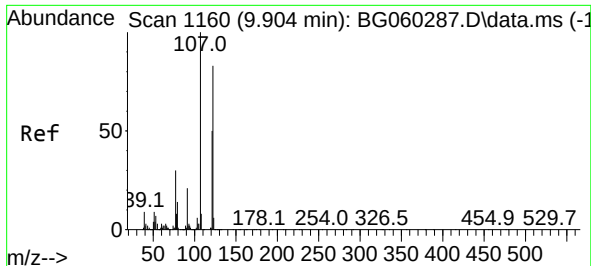
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#26
2-Nitrophenol
Concen: 45.237 ng
RT: 9.841 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Tgt Ion:139 Resp: 213289
Ion Ratio Lower Upper
139 100
109 23.2 17.6 26.4
65 51.1 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 51.691 ng

RT: 9.900 min Scan# 1159

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

222177MS

Tgt Ion:122 Resp: 322039

Ion Ratio Lower Upper

122 100

107 117.9 95.4 143.0

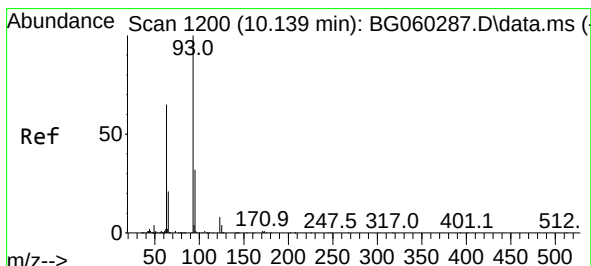
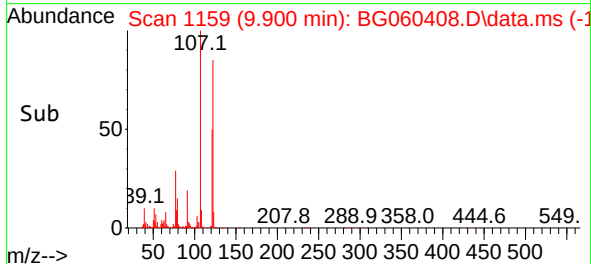
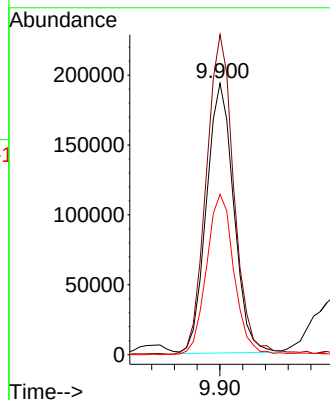
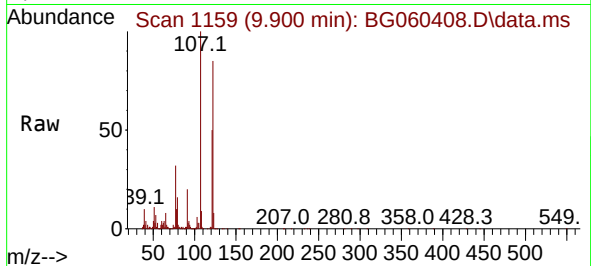
121 59.1 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 36.230 ng

RT: 10.135 min Scan# 1199

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

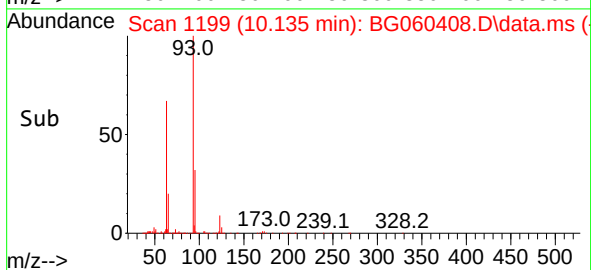
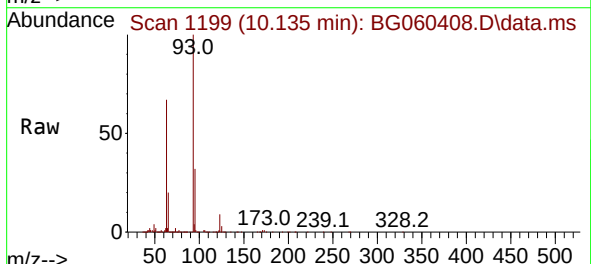
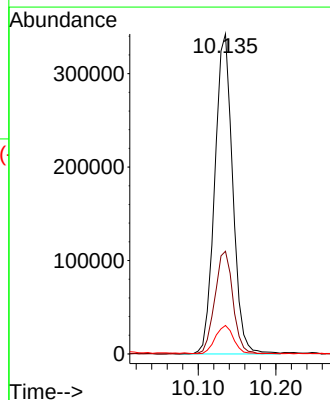
Tgt Ion: 93 Resp: 549926

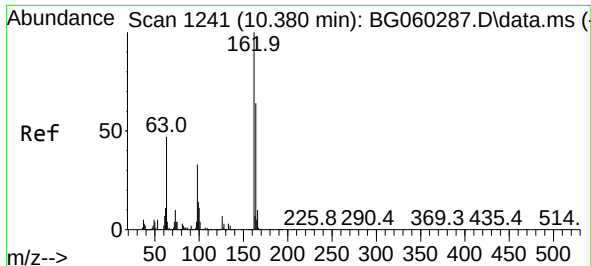
Ion Ratio Lower Upper

93 100

95 32.1 25.4 38.0

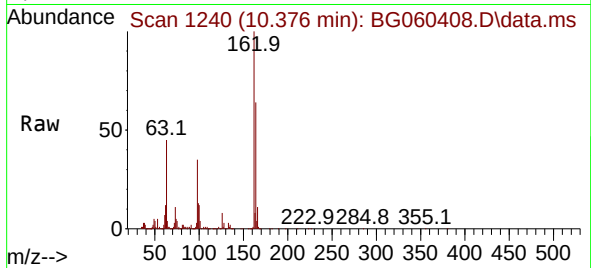
123 8.9 6.7 10.1





#29
2,4-Dichlorophenol
Concen: 47.797 ng
RT: 10.376 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

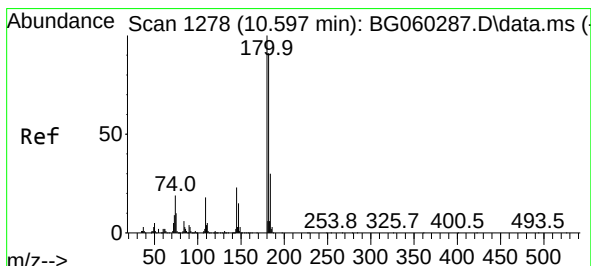
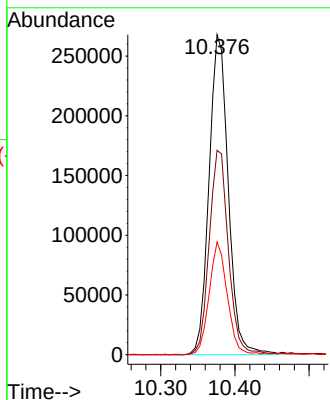
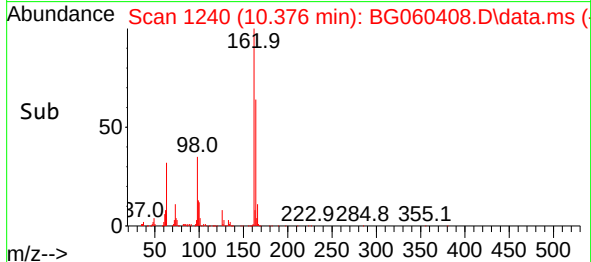
Instrument :
BNA_G
ClientSampleId :
222177MS



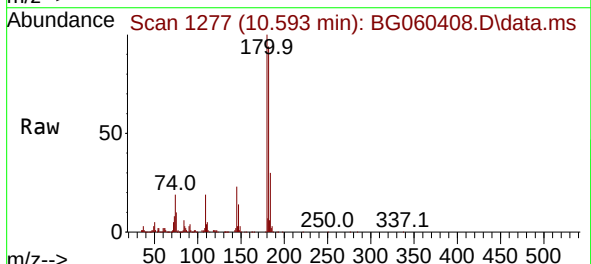
Tgt Ion:162 Resp: 48255
Ion Ratio Lower Upper
162 100
164 63.9 44.3 84.3
98 35.2 13.4 53.4

Manual Integrations
APPROVED

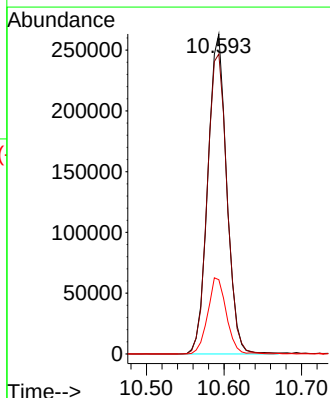
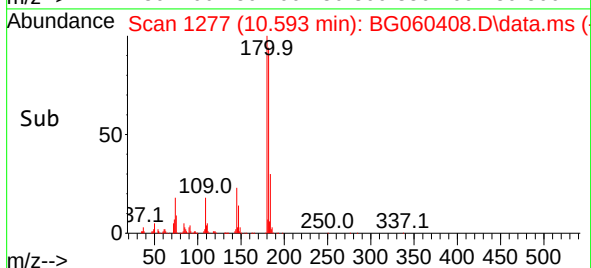
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

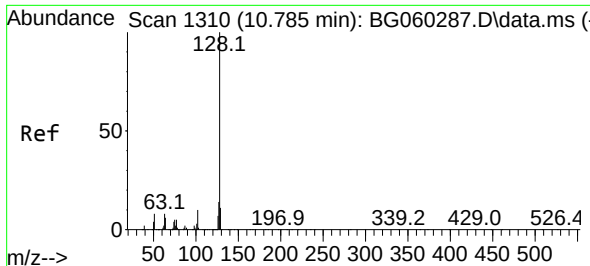


#30
1,2,4-Trichlorobenzene
Concen: 35.482 ng
RT: 10.593 min Scan# 1277
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58



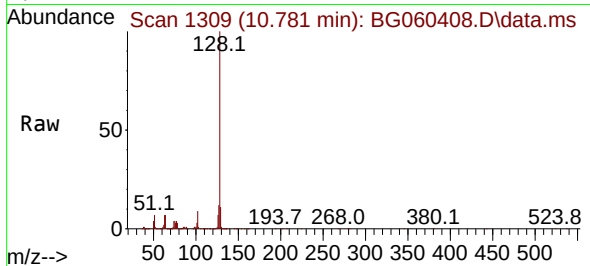
Tgt Ion:180 Resp: 445665
Ion Ratio Lower Upper
180 100
182 93.7 72.7 109.1
145 23.2 18.2 27.2





#31
Naphthalene
Concen: 37.947 ng
RT: 10.781 min Scan# 1176
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

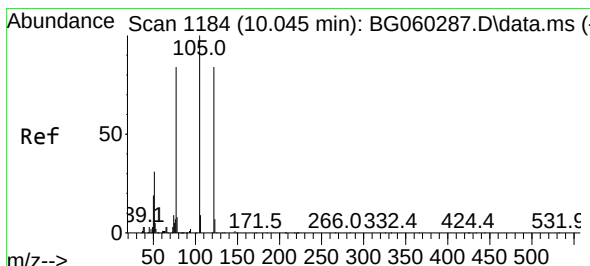
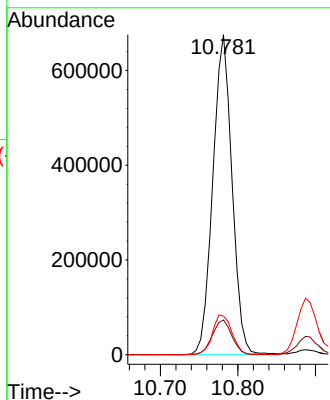
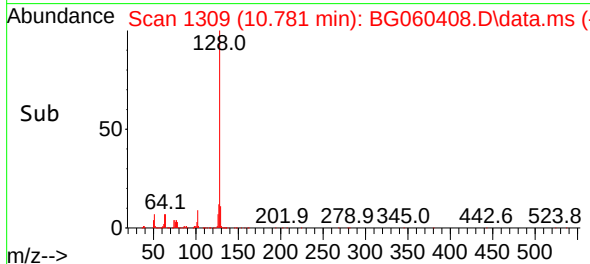
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:128 Resp: 1161880
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.1 10.9 16.3

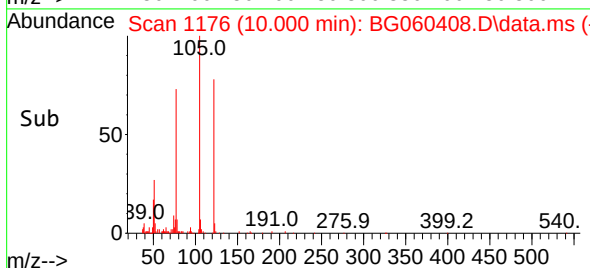
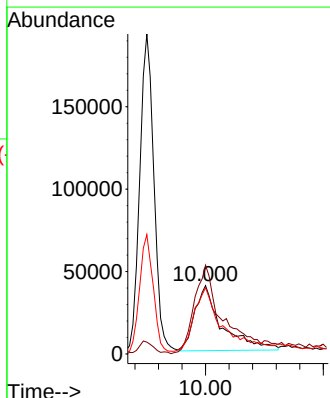
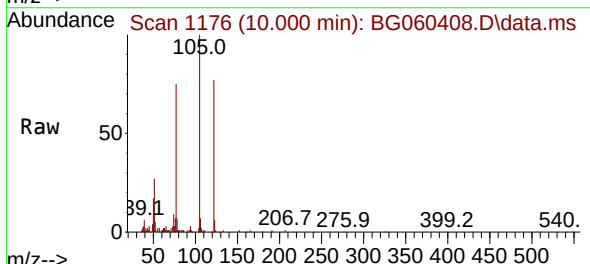
Manual Integrations
APPROVED

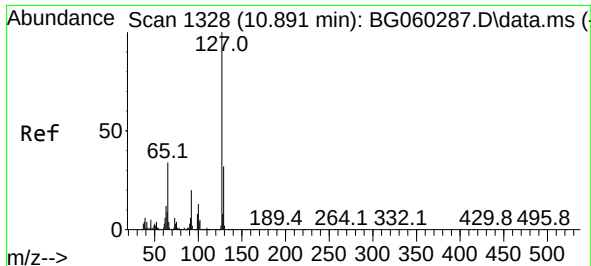
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#32
Benzoic acid
Concen: 28.574 ng
RT: 10.000 min Scan# 1176
Delta R.T. -0.045 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

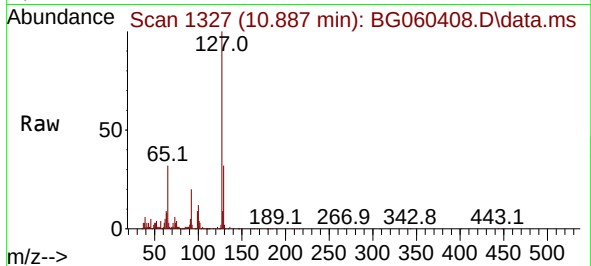
Tgt Ion:122 Resp: 128371
Ion Ratio Lower Upper
122 100
105 130.0 96.0 136.0
77 97.0 80.1 120.1





#33
4-Chloroaniline
Concen: 19.412 ng
RT: 10.887 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

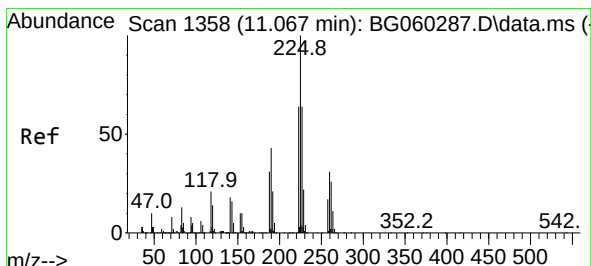
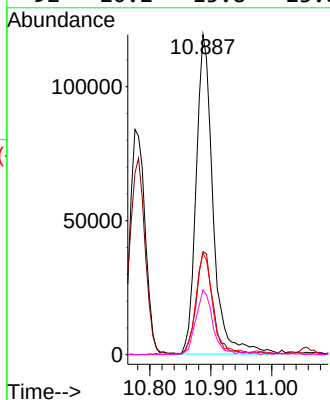
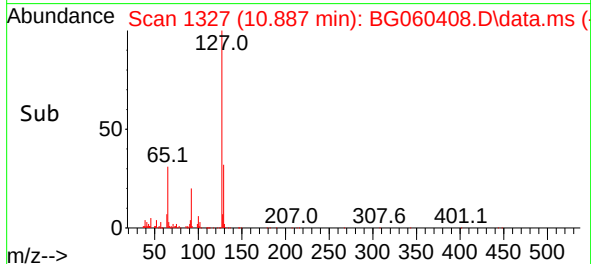
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:127 Resp: 229014
Ion Ratio Lower Upper
127 100
129 32.2 25.5 38.3
65 31.7 27.5 41.3
92 20.2 15.8 23.8

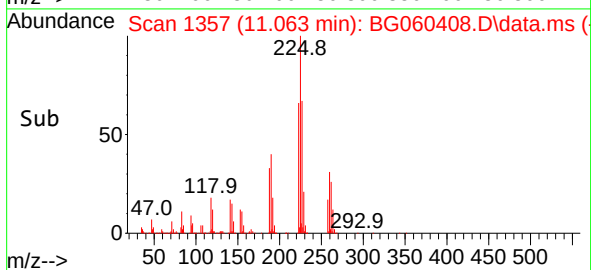
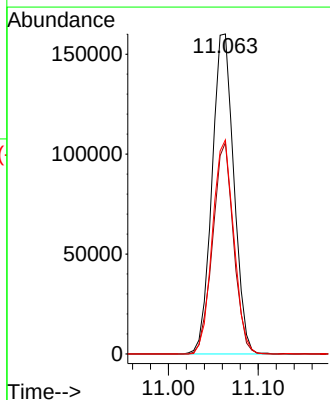
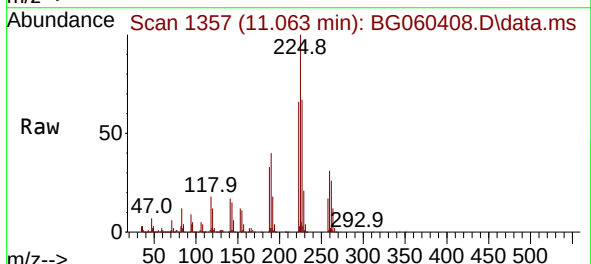
Manual Integrations
APPROVED

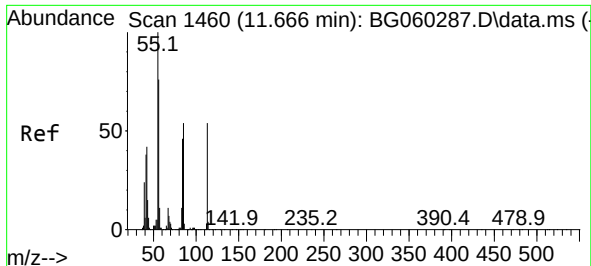
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#34
Hexachlorobutadiene
Concen: 33.020 ng
RT: 11.063 min Scan# 1357
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

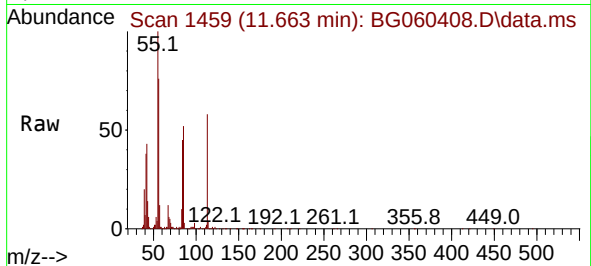
Tgt Ion:225 Resp: 270172
Ion Ratio Lower Upper
225 100
223 66.1 48.7 73.1
227 66.9 48.7 73.1





#35
Caprolactam
Concen: 58.950 ng
RT: 11.663 min Scan# 1460
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

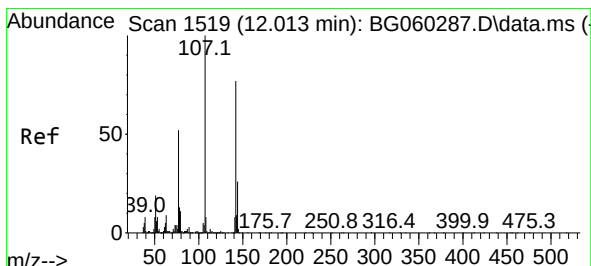
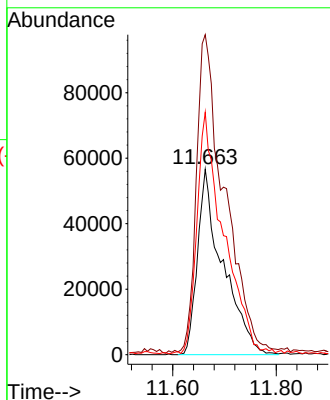
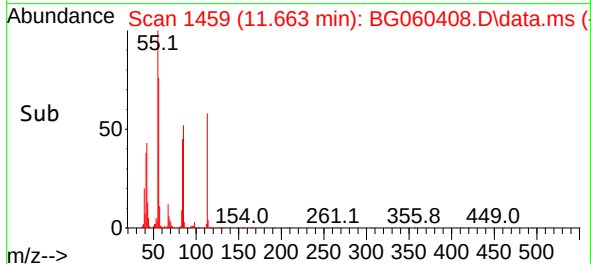
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:113 Resp: 19169
Ion Ratio Lower Upper
113 100
55 172.6 166.4 206.4
56 130.7 121.0 161.0

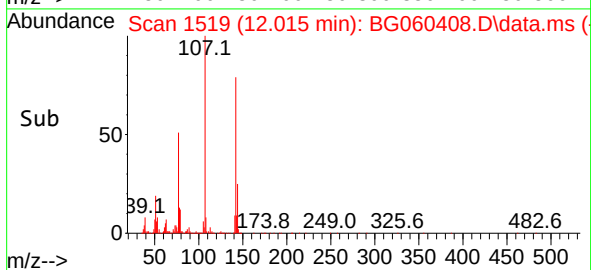
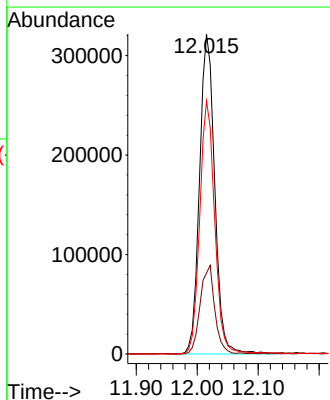
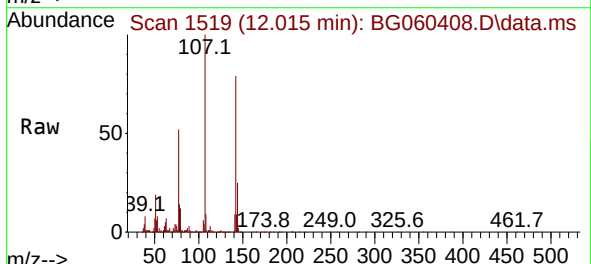
Manual Integrations
APPROVED

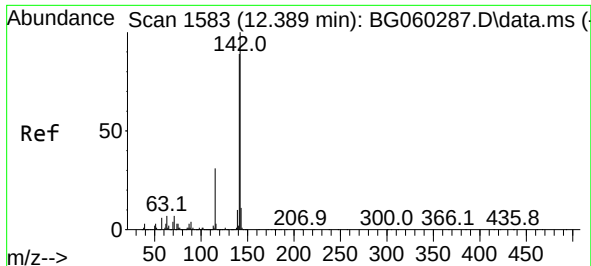
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#36
4-Chloro-3-methylphenol
Concen: 54.219 ng
RT: 12.015 min Scan# 1519
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

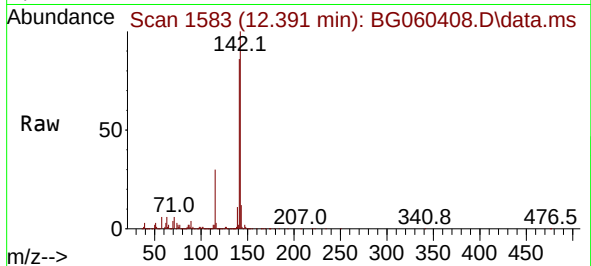
Tgt Ion:107 Resp: 556094
Ion Ratio Lower Upper
107 100
144 25.3 20.6 31.0
142 79.1 61.5 92.3





#37
2-Methylnaphthalene
Concen: 41.640 ng
RT: 12.391 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

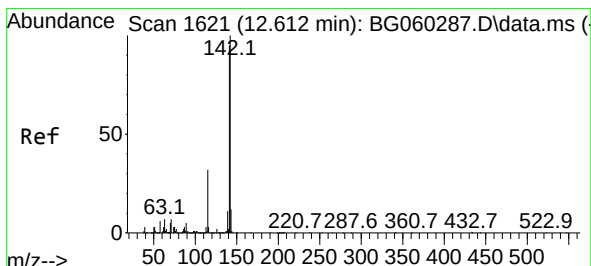
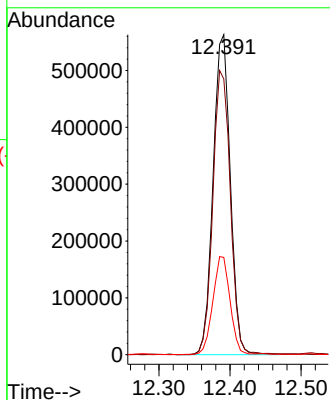
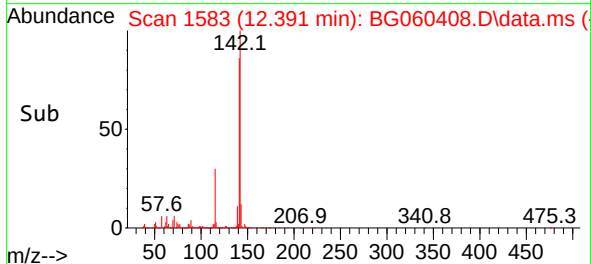
Instrument :
BNA_G
ClientSampleId :
222177MS



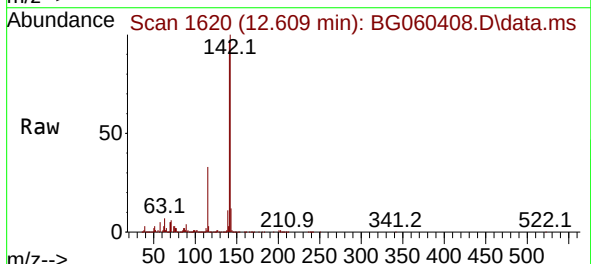
Tgt Ion:142 Resp: 945592
Ion Ratio Lower Upper
142 100
141 86.2 71.0 106.4
115 30.4 24.7 37.1

Manual Integrations
APPROVED

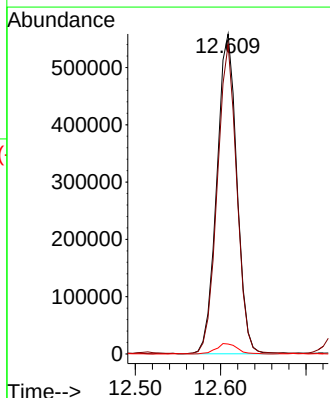
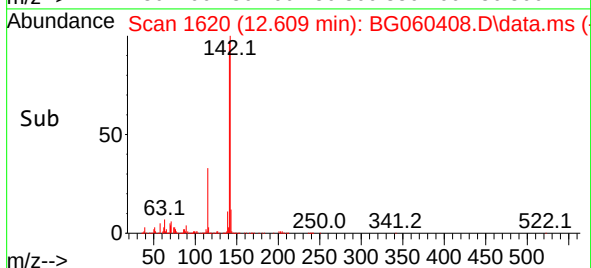
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

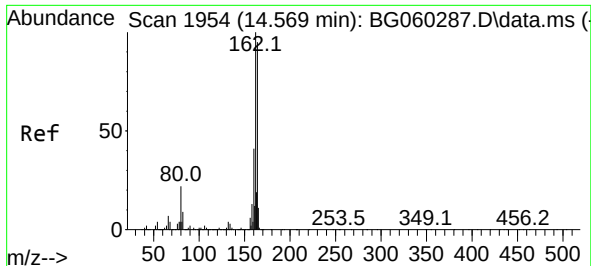


#38
1-Methylnaphthalene
Concen: 39.966 ng
RT: 12.609 min Scan# 1620
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58



Tgt Ion:142 Resp: 911353
Ion Ratio Lower Upper
142 100
141 96.7 76.2 114.2
116 3.1 2.6 3.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

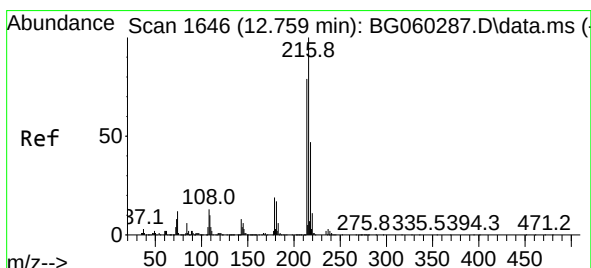
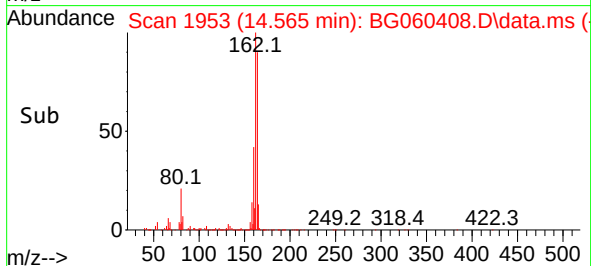
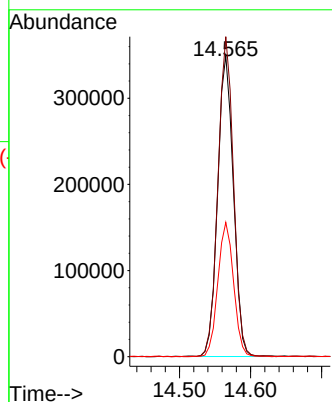
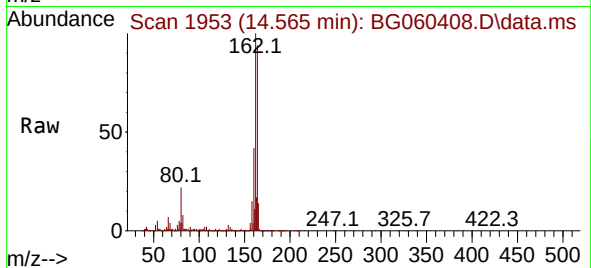
222177MS

Tgt Ion:164 Resp: 536270
Ion Ratio Lower Upper
164 100
162 106.3 84.4 126.6
160 44.6 34.6 52.0

Manual Integrations

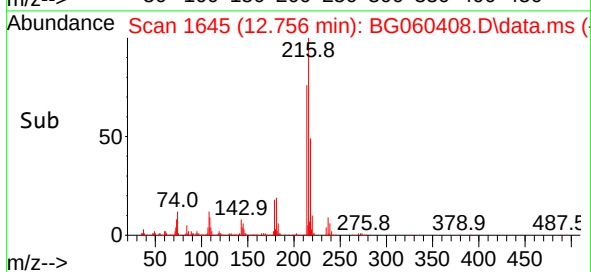
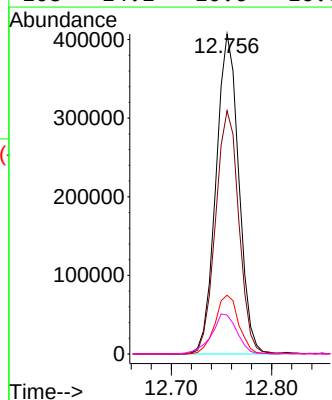
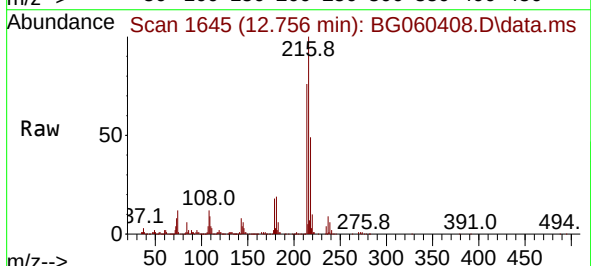
APPROVED

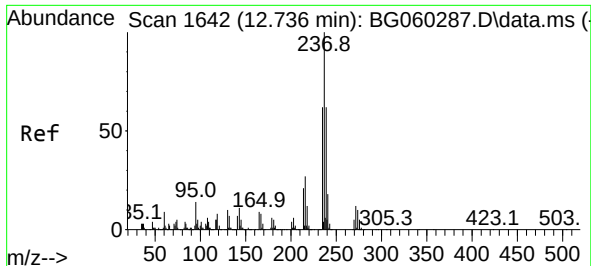
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.680 ng
RT: 12.756 min Scan# 1645
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

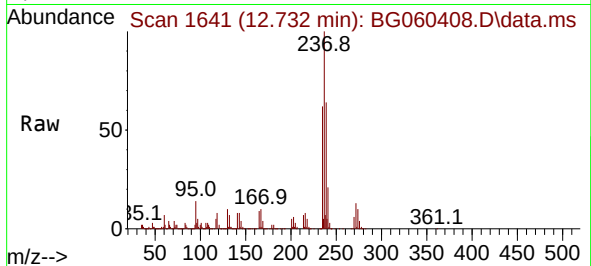
Tgt Ion:216 Resp: 641475
Ion Ratio Lower Upper
216 100
214 77.8 62.6 93.8
179 19.1 14.8 22.2
108 14.1 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 87.335 ng
RT: 12.732 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

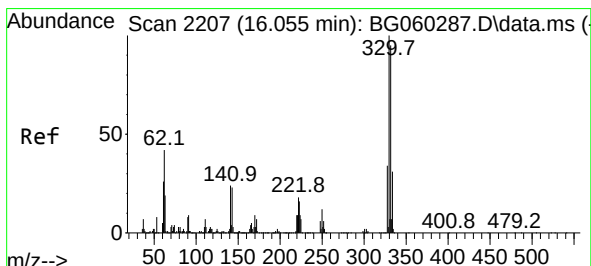
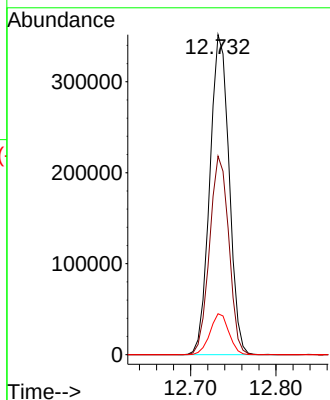
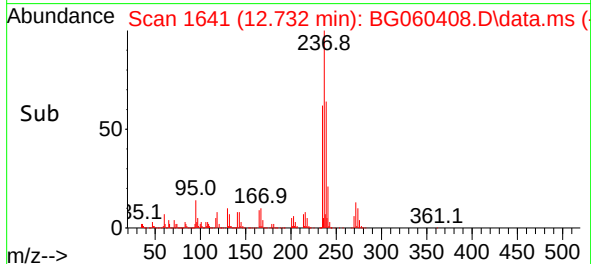
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:237 Resp: 55225
Ion Ratio Lower Upper
237 100
235 62.1 41.6 81.6
272 12.8 0.0 31.8

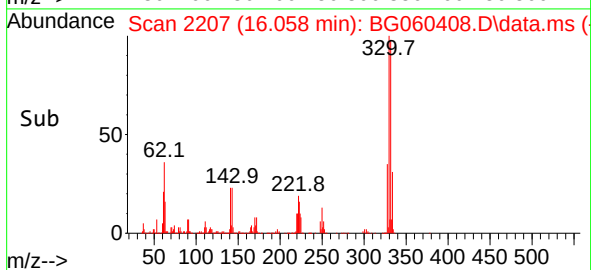
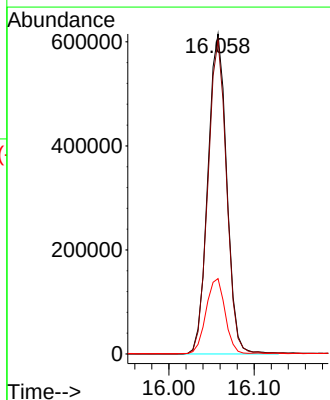
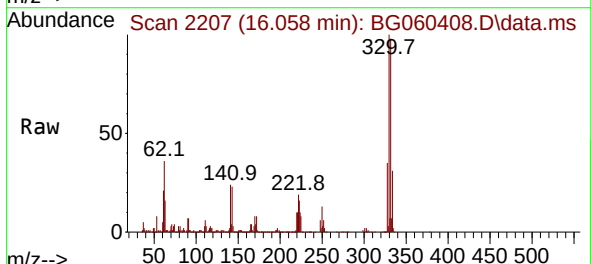
Manual Integrations
APPROVED

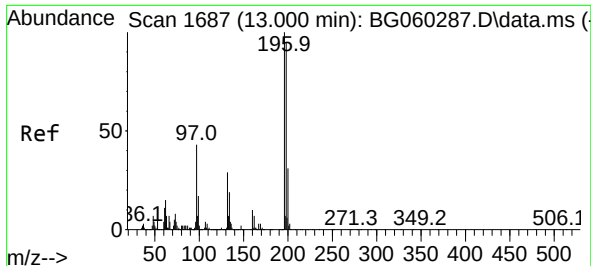
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#42
2,4,6-Tribromophenol
Concen: 120.003 ng
RT: 16.058 min Scan# 2207
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

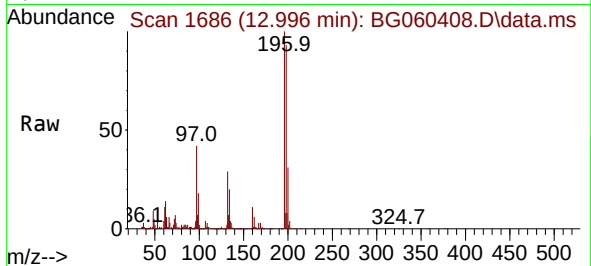
Tgt Ion:330 Resp: 946845
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 23.7 18.6 28.0





#43
2,4,6-Trichlorophenol
Concen: 43.147 ng
RT: 12.996 min Scan# 1686
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

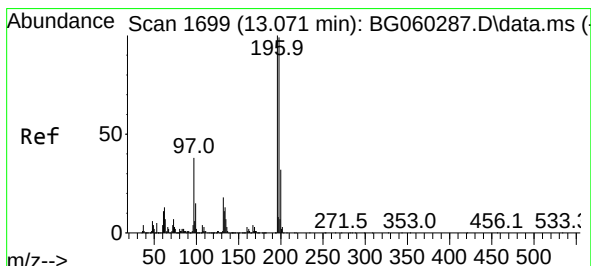
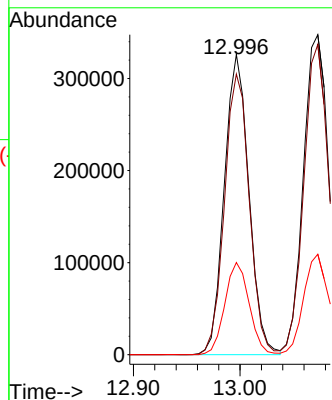
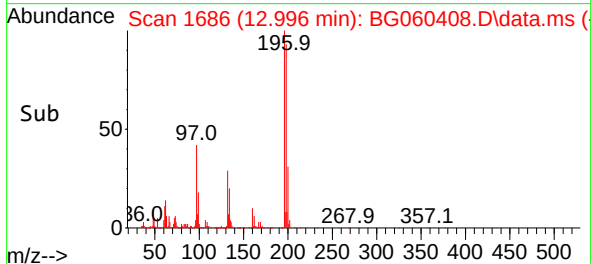
Instrument :
BNA_G
ClientSampleId :
222177MS



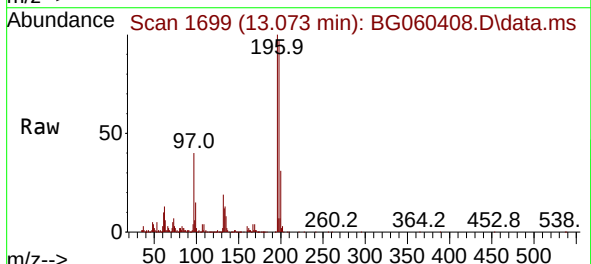
Tgt Ion:196 Resp: 522970
Ion Ratio Lower Upper
196 100
198 93.5 75.7 113.5
200 30.7 24.7 37.1

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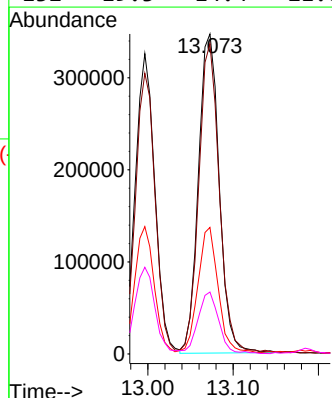
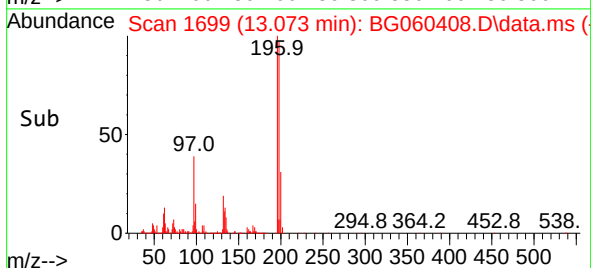
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

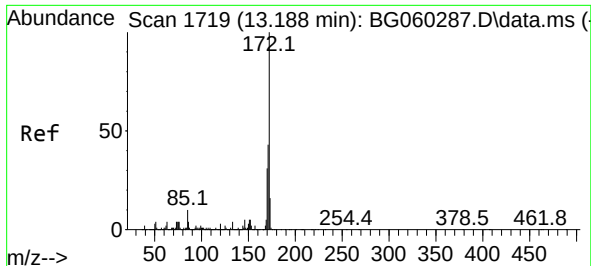


#44
2,4,5-Trichlorophenol
Concen: 43.941 ng
RT: 13.073 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58



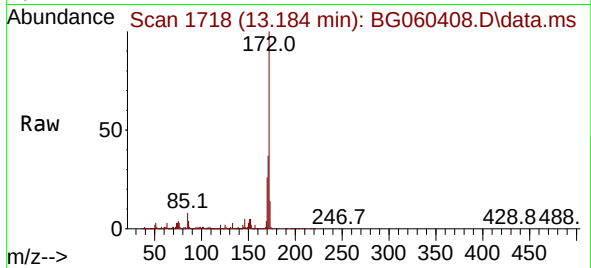
Tgt Ion:196 Resp: 587439
Ion Ratio Lower Upper
196 100
198 97.0 78.6 118.0
97 39.6 30.6 46.0
132 19.3 14.4 21.6





#45
2-Fluorobiphenyl
Concen: 59.547 ng
RT: 13.184 min Scan# 1719
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

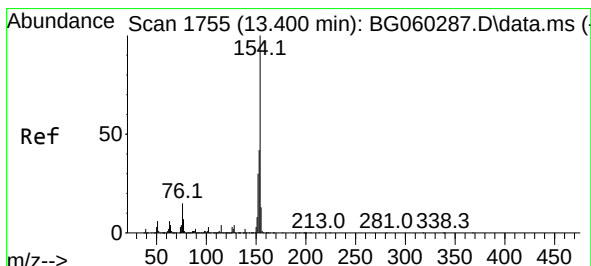
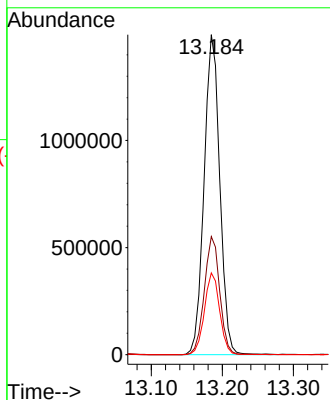
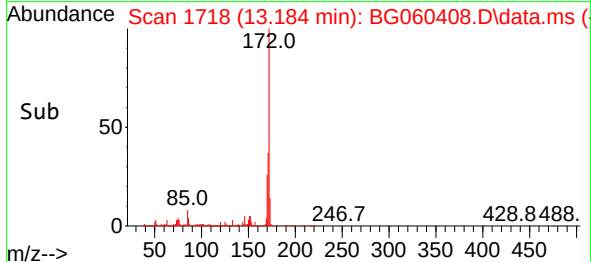
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:172 Resp: 2296840
Ion Ratio Lower Upper
172 100
171 36.9 34.6 51.8
170 25.6 24.4 36.6

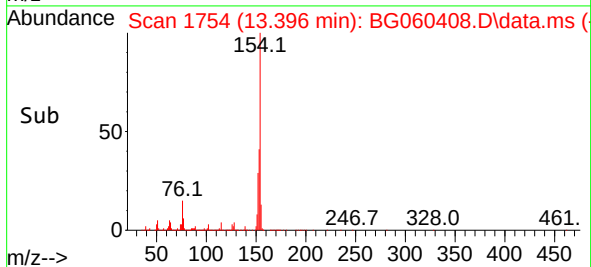
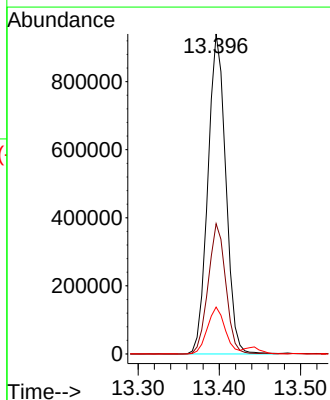
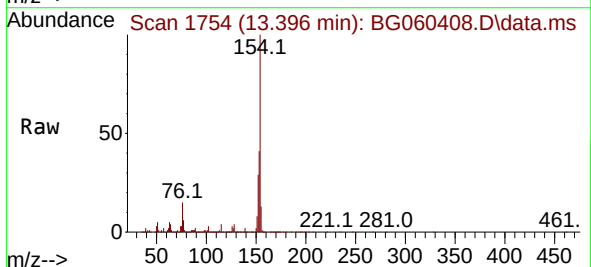
Manual Integrations
APPROVED

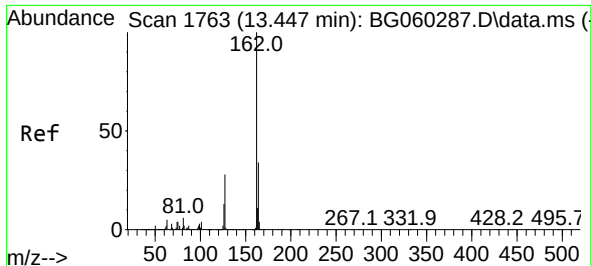
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#46
1,1'-Biphenyl
Concen: 35.523 ng
RT: 13.396 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

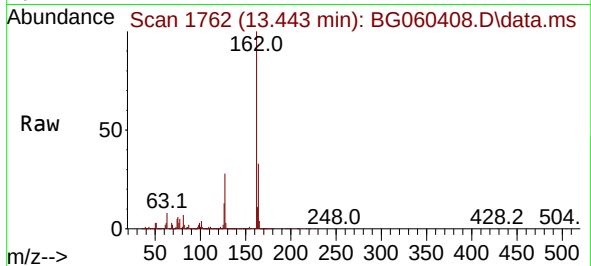
Tgt Ion:154 Resp: 1437981
Ion Ratio Lower Upper
154 100
153 40.7 22.0 62.0
76 14.7 0.0 35.2





#47
2-Chloronaphthalene
Concen: 34.493 ng
RT: 13.443 min Scan# 1762
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

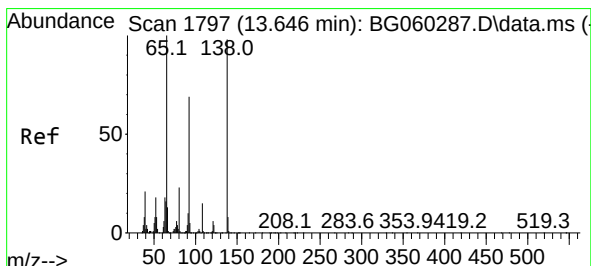
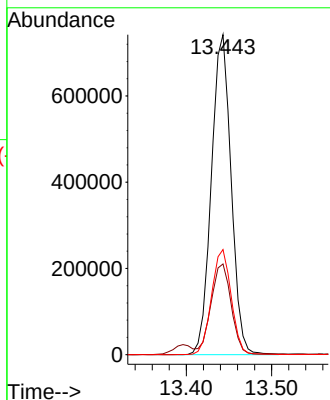
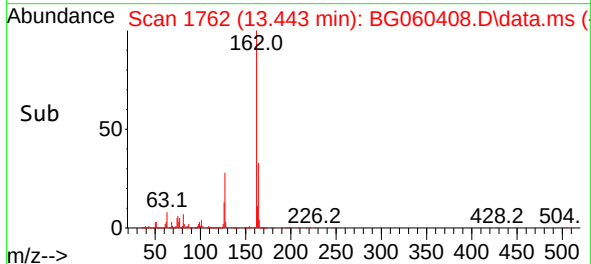
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:162 Resp: 1196174
Ion Ratio Lower Upper
162 100
127 28.3 23.5 35.3
164 32.8 26.9 40.3

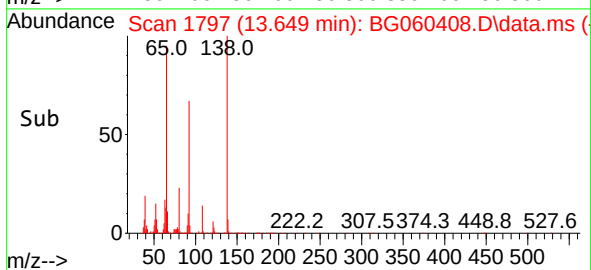
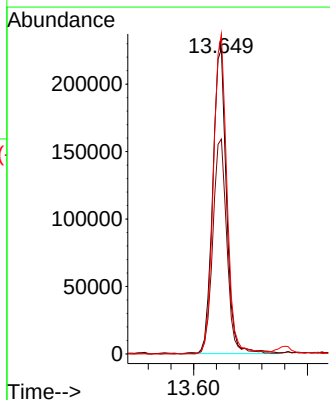
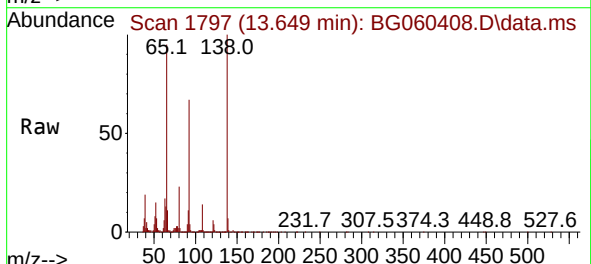
Manual Integrations
APPROVED

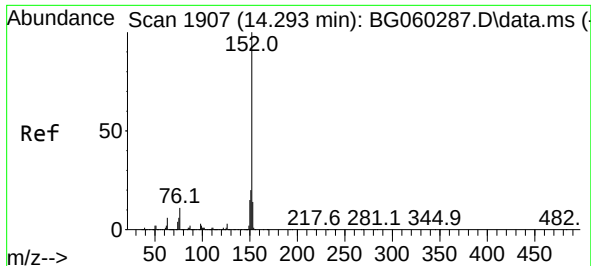
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#48
2-Nitroaniline
Concen: 44.169 ng
RT: 13.649 min Scan# 1797
Delta R.T. 0.003 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

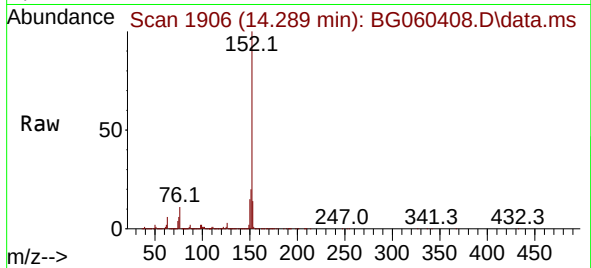
Tgt Ion: 65 Resp: 381463
Ion Ratio Lower Upper
65 100
92 70.4 55.0 82.6
138 104.9 78.1 117.1





#49
Acenaphthylene
Concen: 42.623 ng
RT: 14.289 min Scan# 1906
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

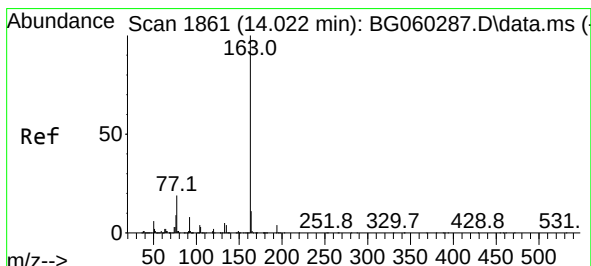
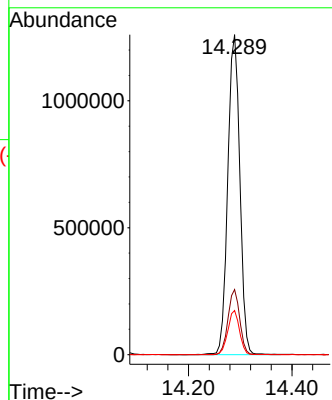
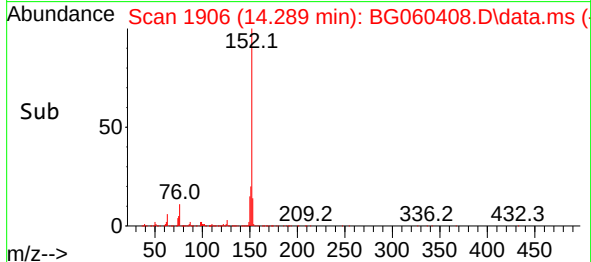
Instrument :
BNA_G
ClientSampleId :
222177MS



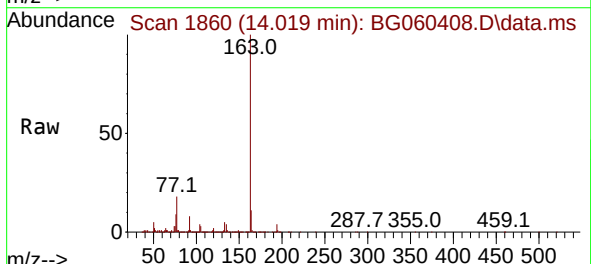
Tgt Ion:152 Resp: 2035459
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.8 11.5 17.3

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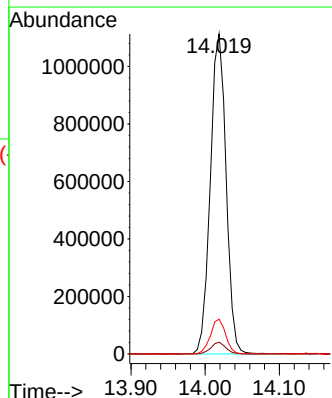
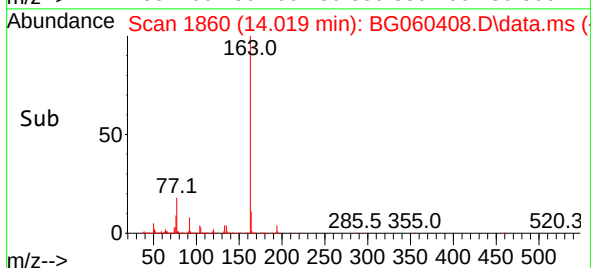
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

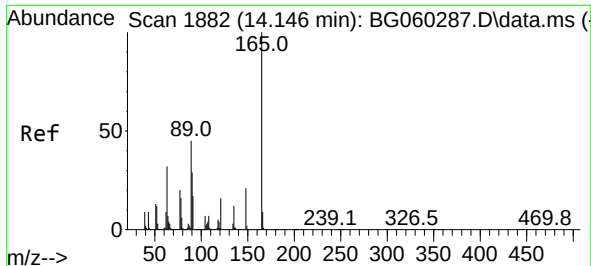


#50
Dimethylphthalate
Concen: 40.033 ng
RT: 14.019 min Scan# 1860
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58



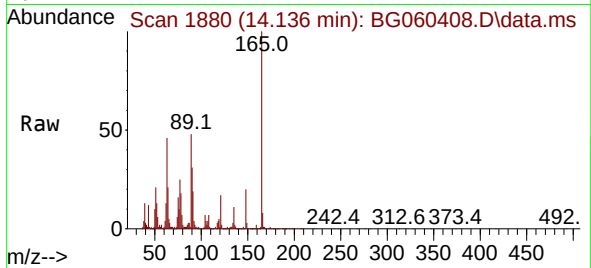
Tgt Ion:163 Resp: 1640593
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.8 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 42.034 ng
RT: 14.136 min Scan# 1882
Delta R.T. -0.010 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

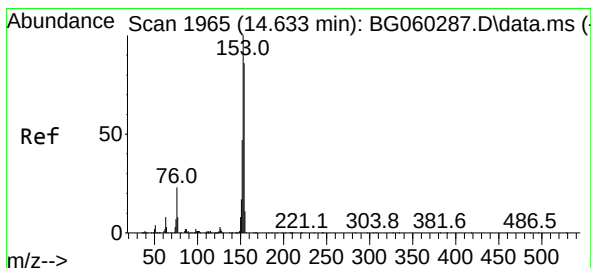
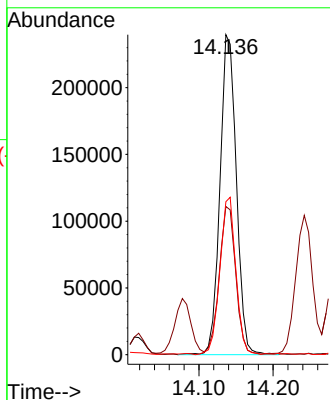
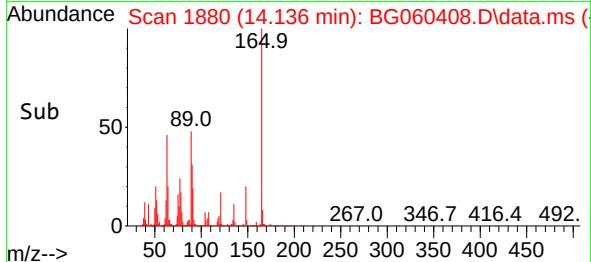
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:165 Resp: 367570
Ion Ratio Lower Upper
165 100
63 46.3 35.0 52.4
89 47.8 36.2 54.2

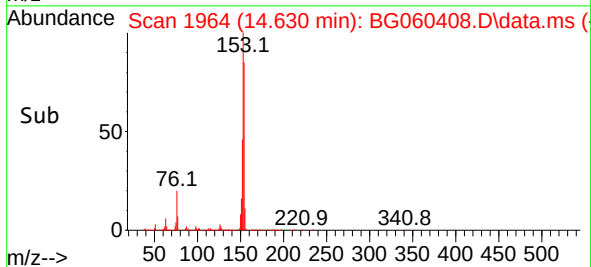
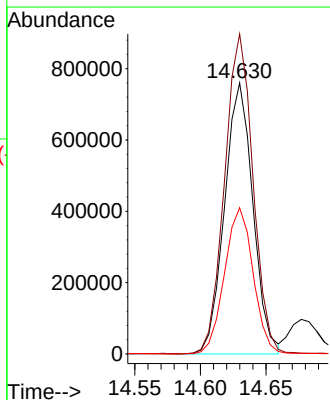
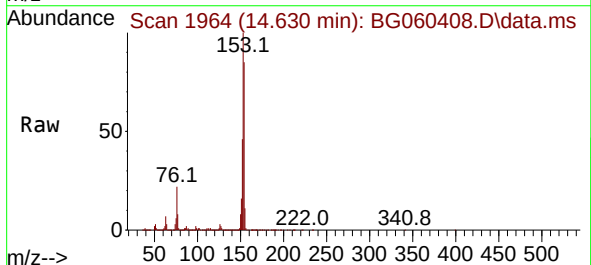
Manual Integrations
APPROVED

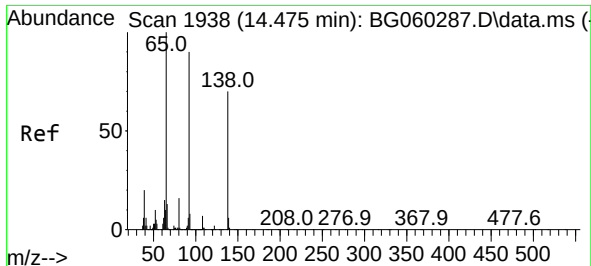
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#52
Acenaphthene
Concen: 38.523 ng
RT: 14.630 min Scan# 1964
Delta R.T. -0.003 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

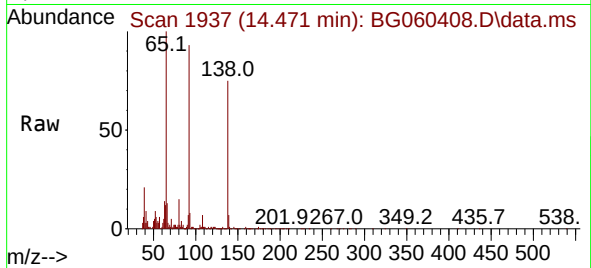
Tgt Ion:154 Resp: 1145537
Ion Ratio Lower Upper
154 100
153 118.1 92.6 138.8
152 54.0 43.8 65.8





#53
3-Nitroaniline
Concen: 23.460 ng
RT: 14.471 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

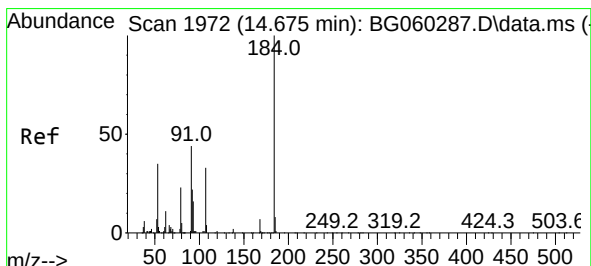
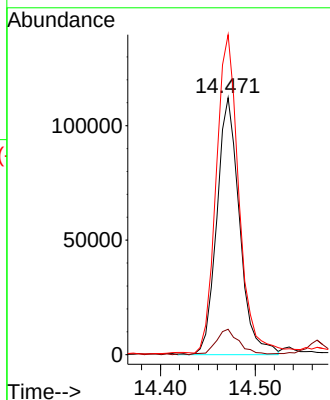
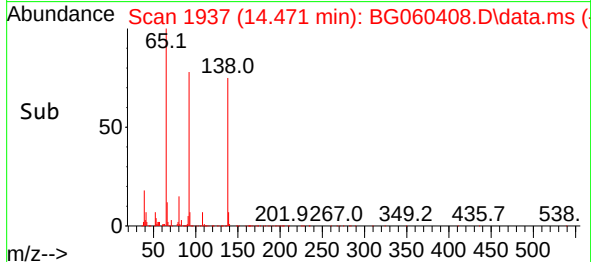
Instrument :
BNA_G
ClientSampleId :
222177MS



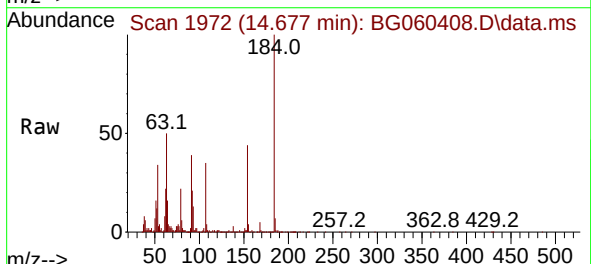
Tgt Ion:138 Resp: 186934
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.8
92 124.5 102.4 153.6

Manual Integrations
APPROVED

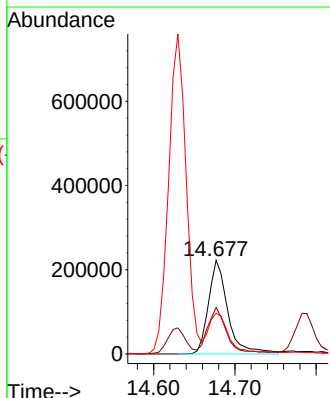
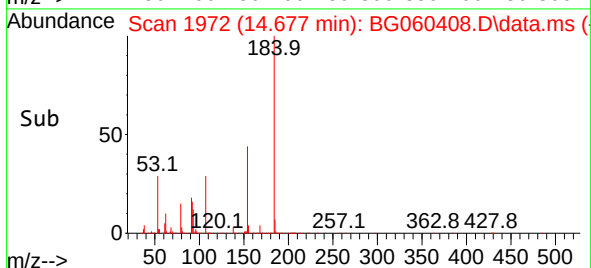
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

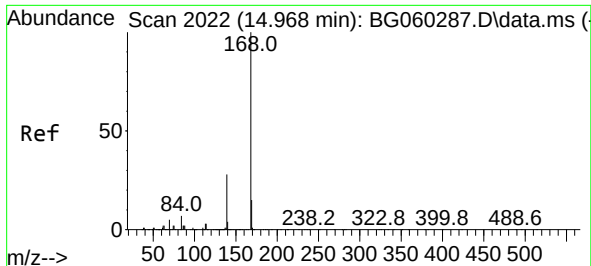


#54
2,4-Dinitrophenol
Concen: 70.738 ng
RT: 14.677 min Scan# 1972
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58



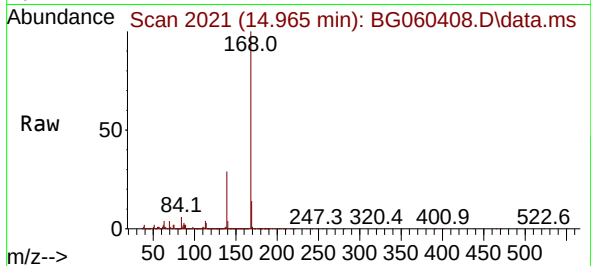
Tgt Ion:184 Resp: 369144
Ion Ratio Lower Upper
184 100
63 49.6 41.0 61.4
154 43.7 39.2 58.8





#55
Dibenzenofuran
Concen: 41.179 ng
RT: 14.965 min Scan# 2022
Delta R.T. -0.003 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

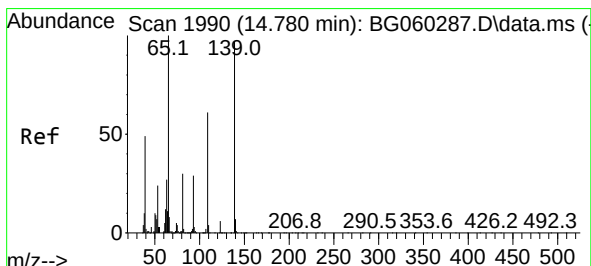
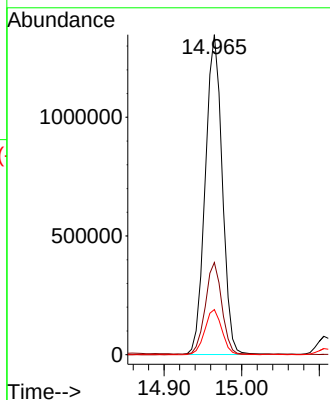
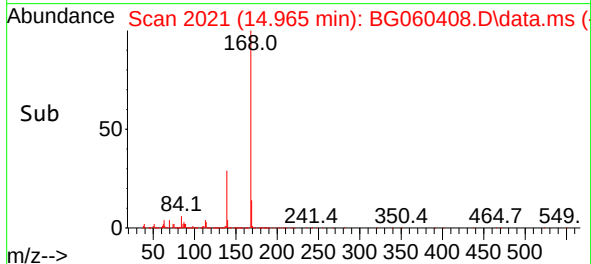
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:168 Resp: 2044100
Ion Ratio Lower Upper
168 100
139 28.8 22.6 34.0
169 14.1 12.1 18.1

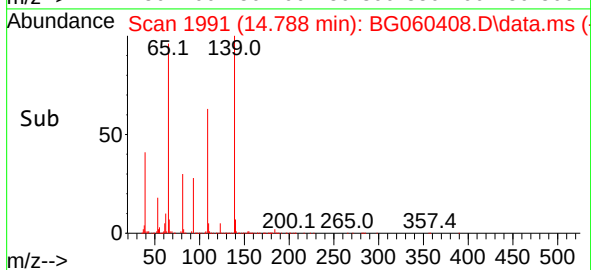
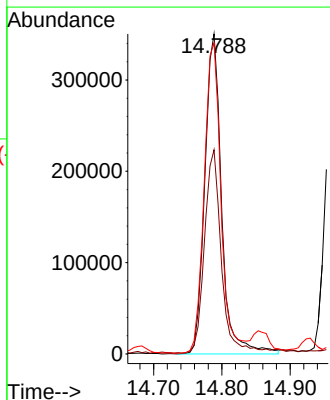
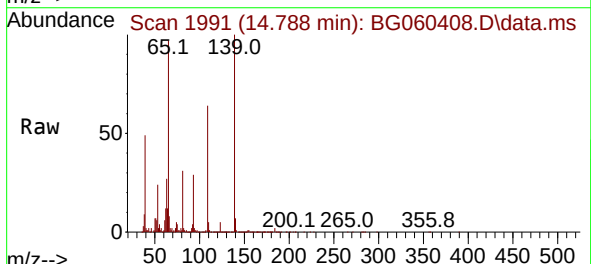
Manual Integrations
APPROVED

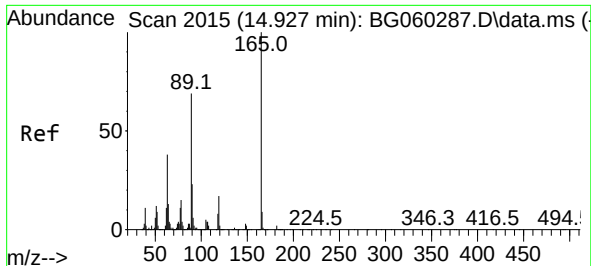
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#56
4-Nitrophenol
Concen: 101.480 ng
RT: 14.788 min Scan# 1991
Delta R.T. 0.008 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Tgt Ion:139 Resp: 599764
Ion Ratio Lower Upper
139 100
109 63.8 42.2 82.2
65 97.3 83.3 123.3





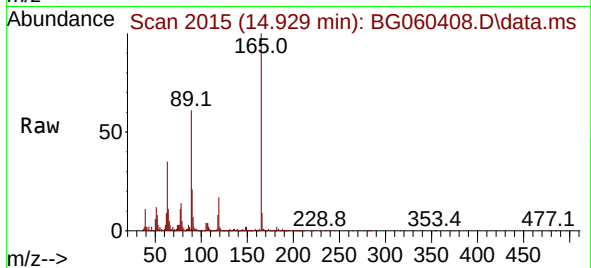
#57
2,4-Dinitrotoluene
Concen: 45.374 ng
RT: 14.929 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

222177MS

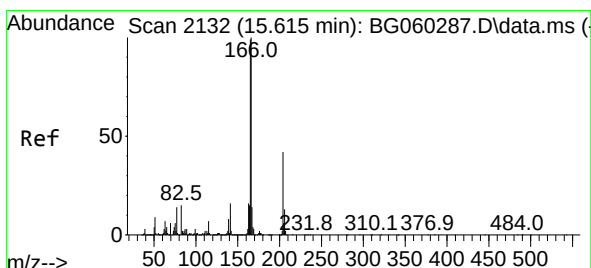
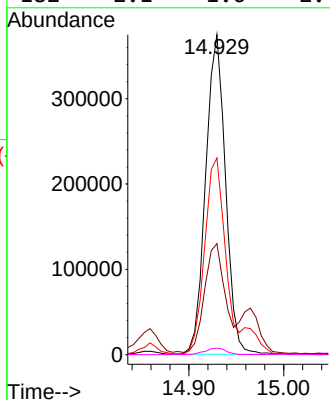
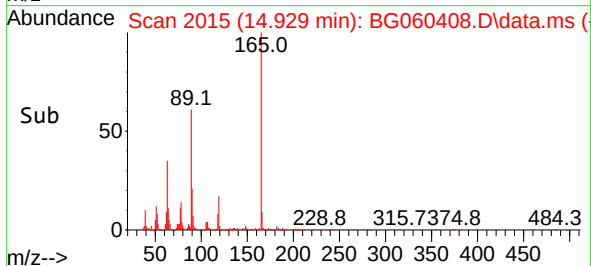


Tgt Ion:165 Resp: 544092
Ion Ratio Lower Upper
165 100
63 34.7 30.4 45.6
89 61.5 55.4 83.0
182 2.1 1.6 2.4

Manual Integrations

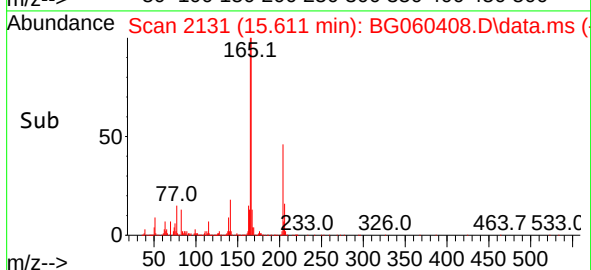
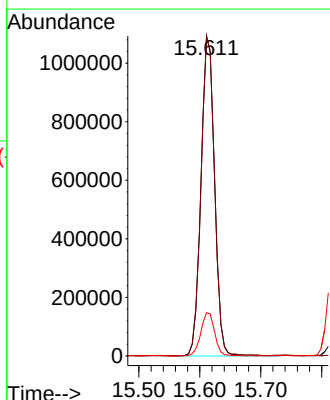
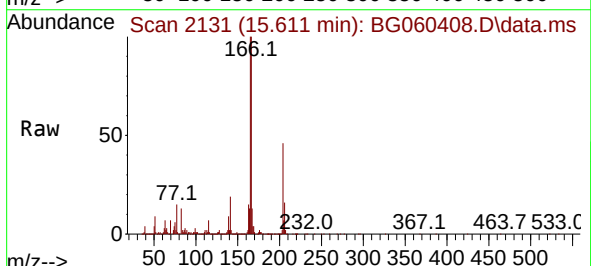
APPROVED

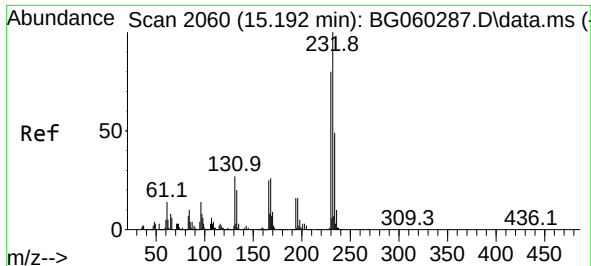
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#58
Fluorene
Concen: 41.036 ng
RT: 15.611 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

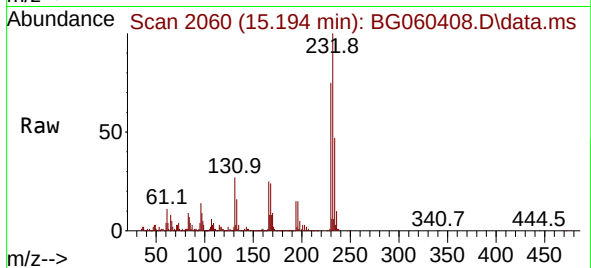
Tgt Ion:166 Resp: 1686888
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 13.5 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.650 ng
RT: 15.194 min Scan# 2060
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

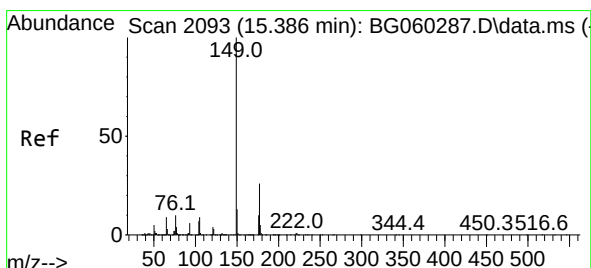
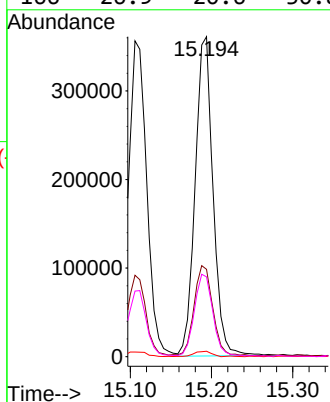
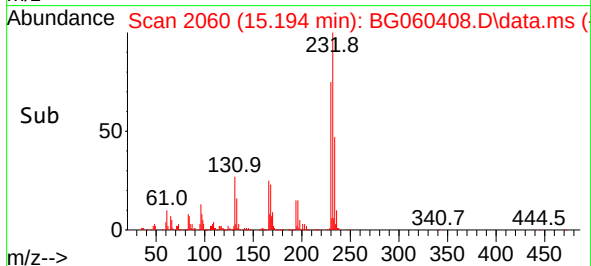
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:232 Resp: 55229
Ion Ratio Lower Upper
232 100
131 29.3 22.7 34.1
130 1.6 1.1 1.7
166 26.9 20.6 30.8

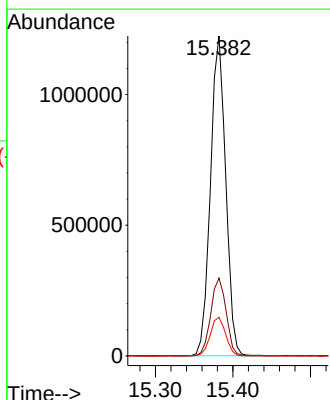
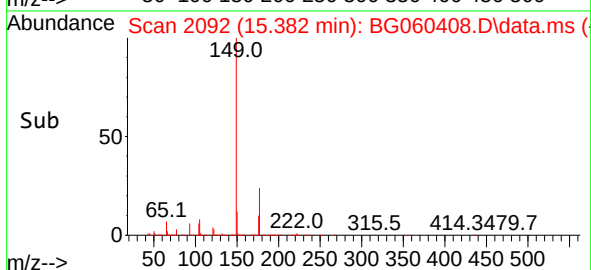
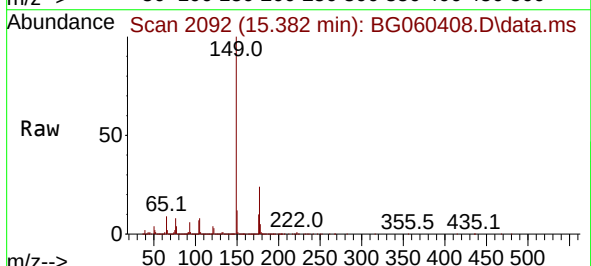
Manual Integrations
APPROVED

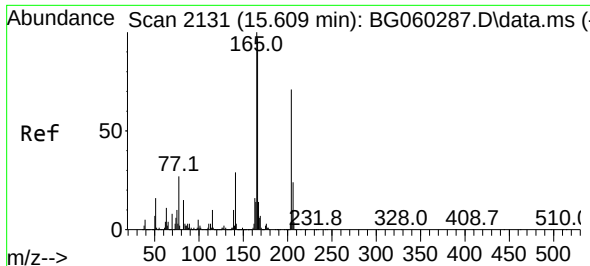
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#60
Diethylphthalate
Concen: 42.407 ng
RT: 15.382 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

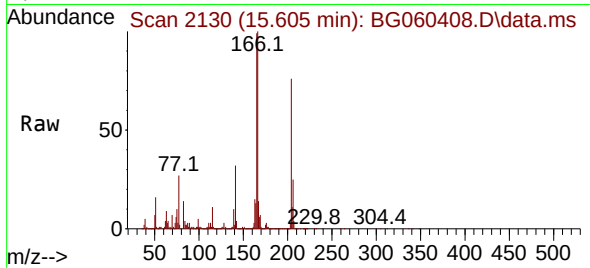
Tgt Ion:149 Resp: 1668433
Ion Ratio Lower Upper
149 100
177 24.3 20.9 31.3
150 12.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.264 ng
RT: 15.605 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

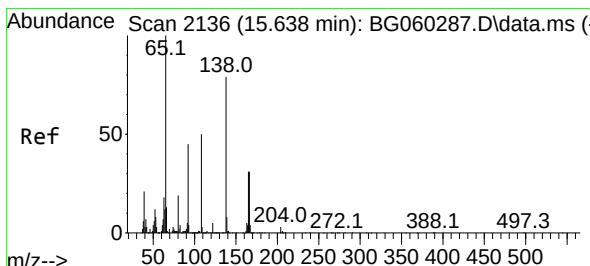
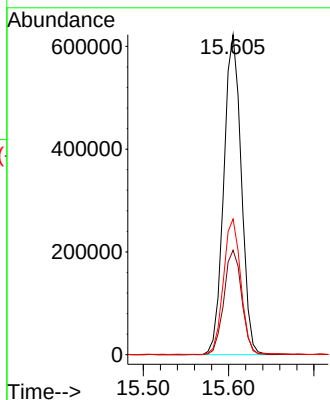
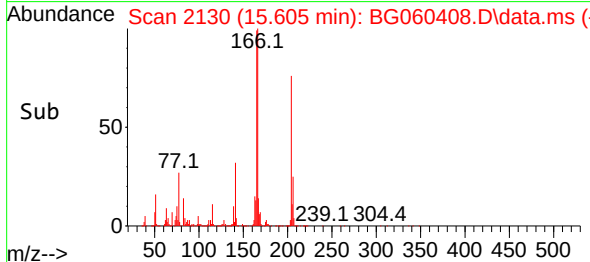
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:204 Resp: 889134
Ion Ratio Lower Upper
204 100
206 32.7 27.1 40.7
141 42.4 32.2 48.2

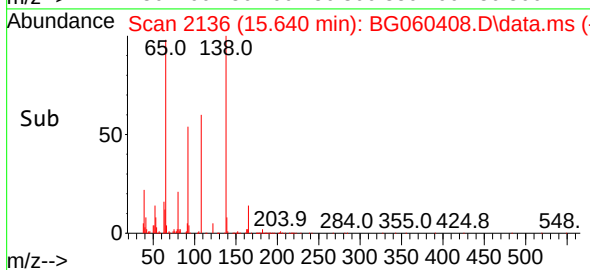
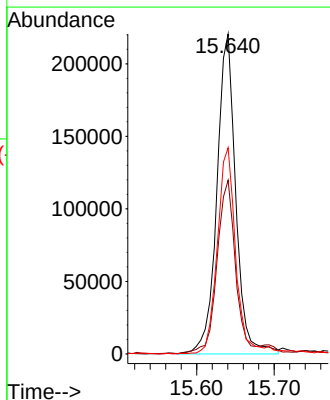
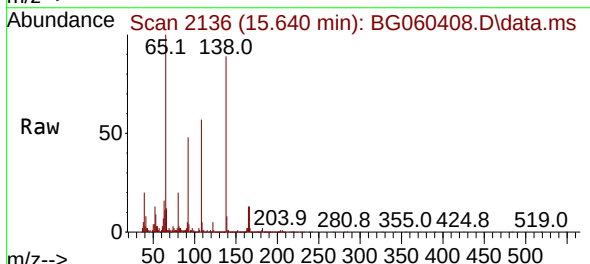
Manual Integrations
APPROVED

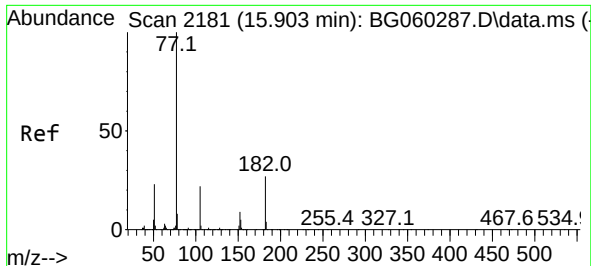
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#62
4-Nitroaniline
Concen: 44.223 ng
RT: 15.640 min Scan# 2136
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

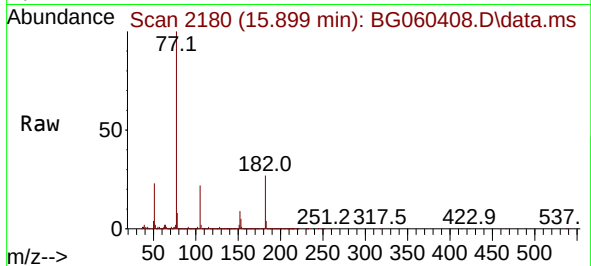
Tgt Ion:138 Resp: 375030
Ion Ratio Lower Upper
138 100
92 54.3 37.0 77.0
108 64.4 43.1 83.1





#63
Azobenzene
Concen: 40.478 ng
RT: 15.899 min Scan# 2181
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

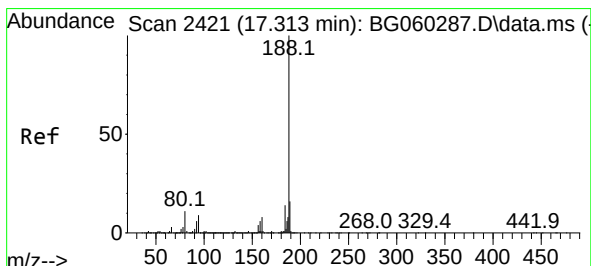
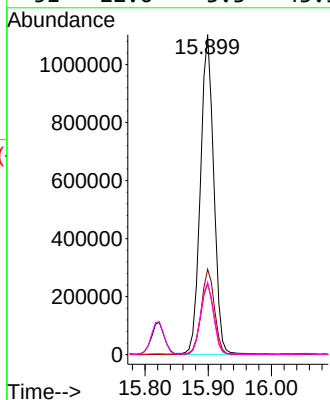
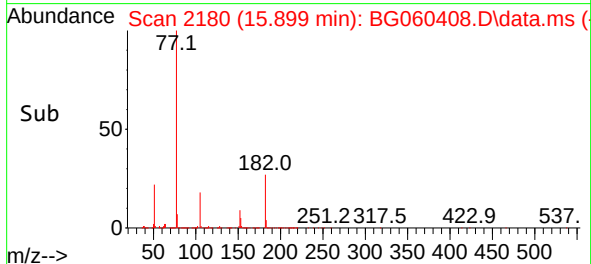
Instrument :
BNA_G
ClientSampleId :
222177MS



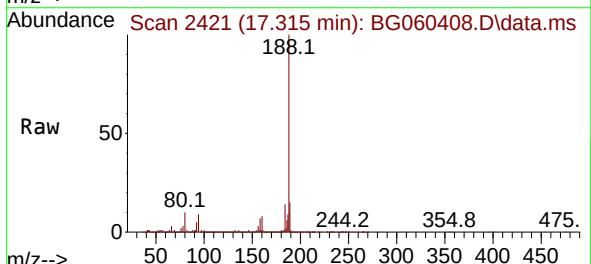
Tgt Ion: 77 Resp: 161075
Ion Ratio Lower Upper
77 100
182 26.7 6.5 46.5
105 22.1 1.8 41.8
51 22.6 3.3 43.3

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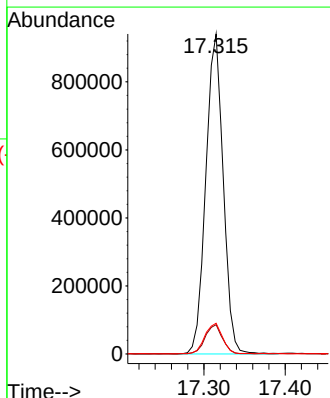
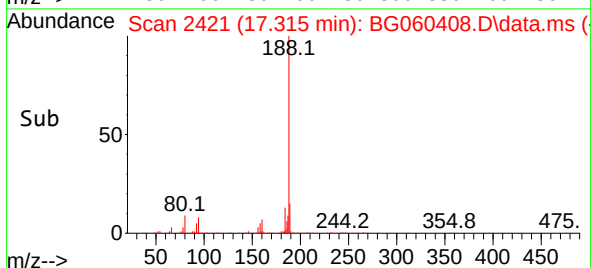
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

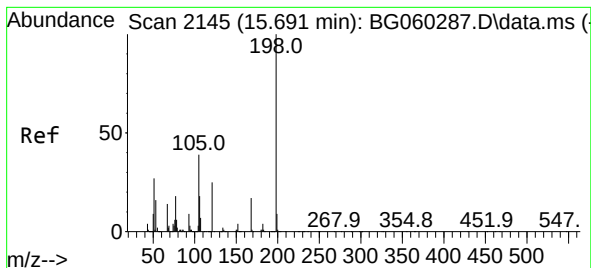


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58



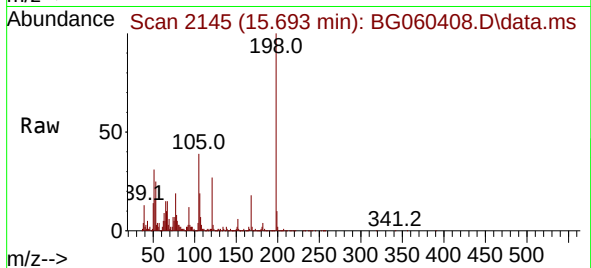
Tgt Ion:188 Resp: 1397977
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.6 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 40.771 ng
RT: 15.693 min Scan# 2145
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

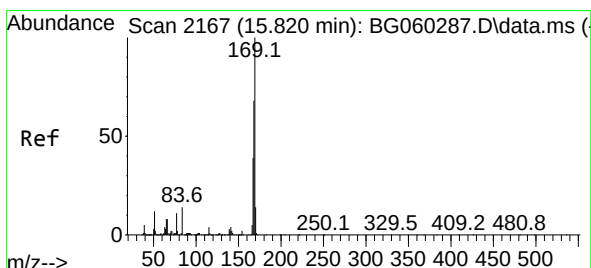
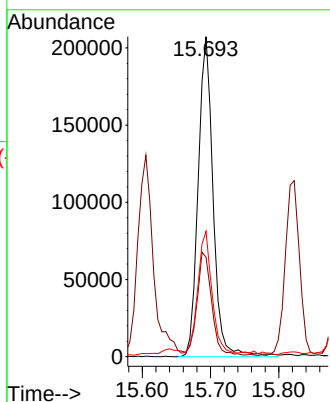
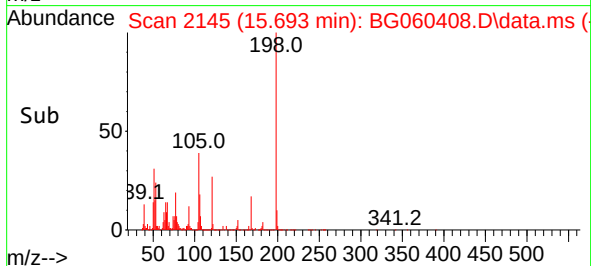
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:198 Resp: 315310
Ion Ratio Lower Upper
198 100
51 31.1 11.8 51.8
105 39.2 20.3 60.3

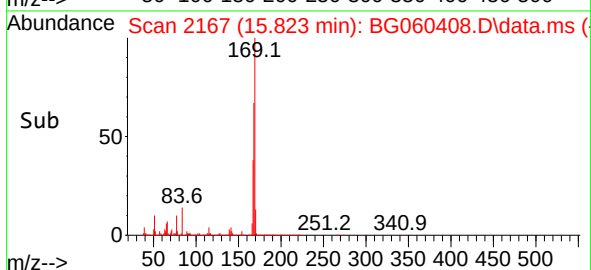
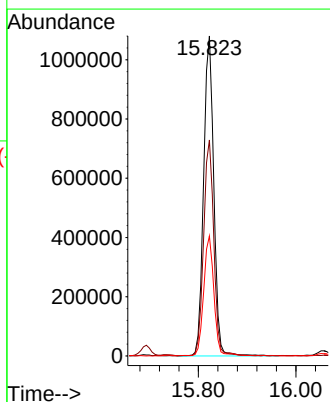
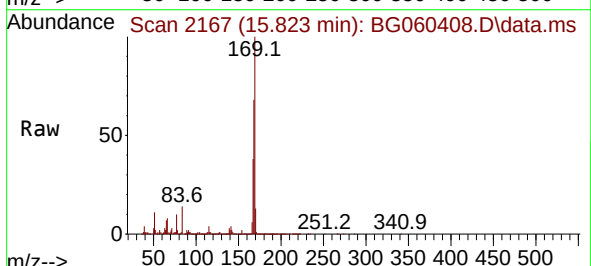
Manual Integrations
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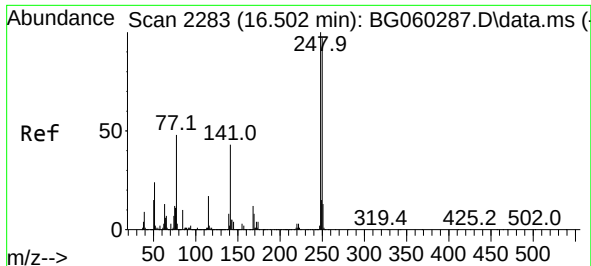
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#66
n-Nitrosodiphenylamine
Concen: 41.928 ng
RT: 15.823 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

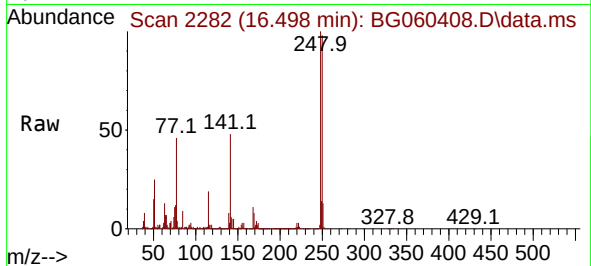
Tgt Ion:169 Resp: 1556347
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 37.5 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 39.213 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

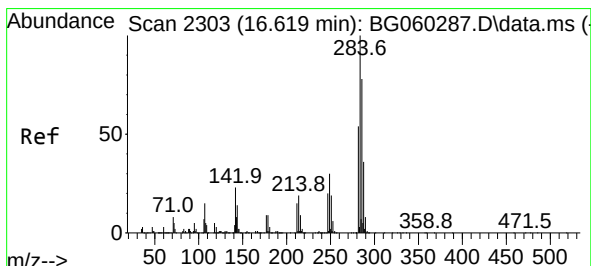
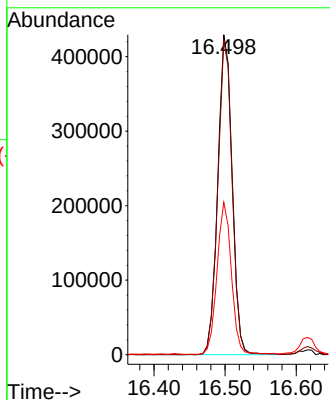
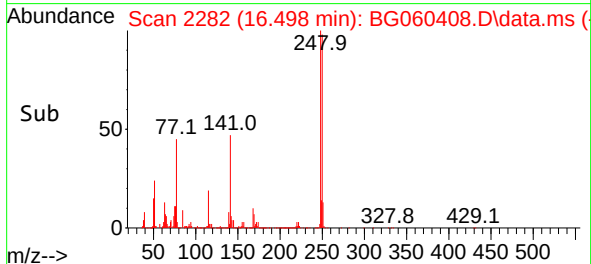
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:248 Resp: 602349
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 47.6 34.2 51.4

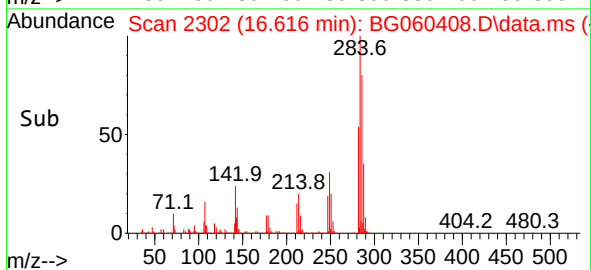
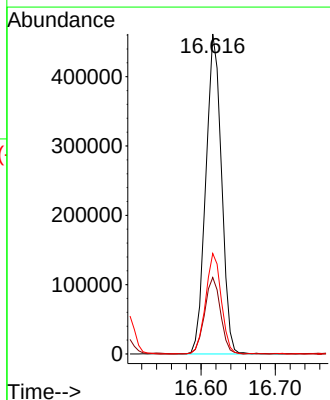
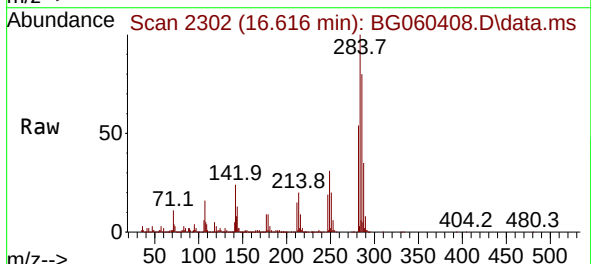
Manual Integrations
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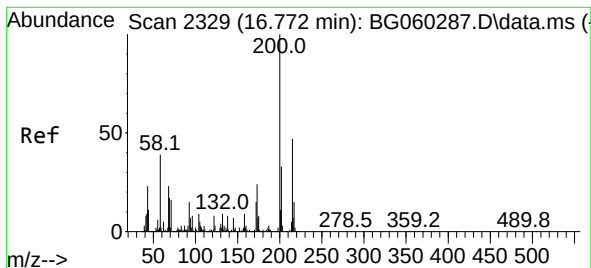
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#68
Hexachlorobenzene
Concen: 37.207 ng
RT: 16.616 min Scan# 2302
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Tgt Ion:284 Resp: 676537
Ion Ratio Lower Upper
284 100
142 23.9 18.2 27.4
249 31.4 24.3 36.5





#69

Atrazine

Concen: 42.172 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

222177MS

Tgt Ion:200 Resp: 59026

Ion Ratio Lower Upper

200 100

173 24.5 4.1 44.1

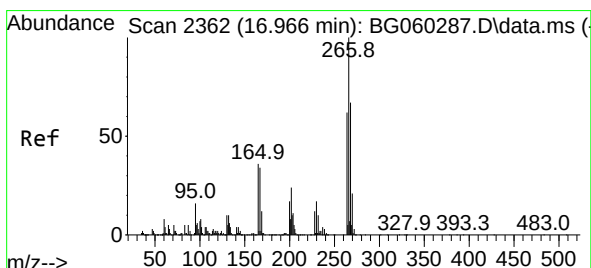
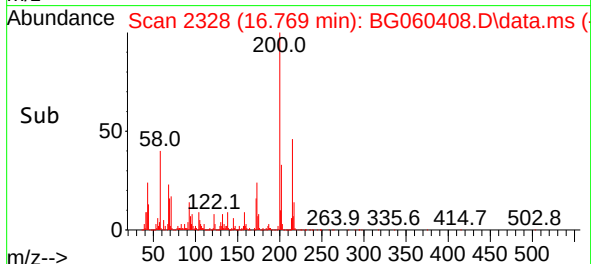
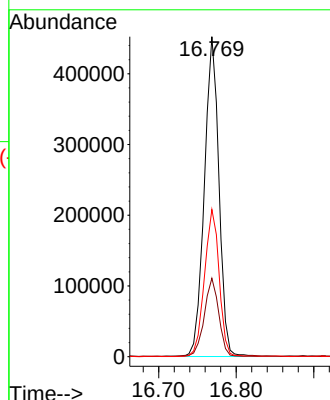
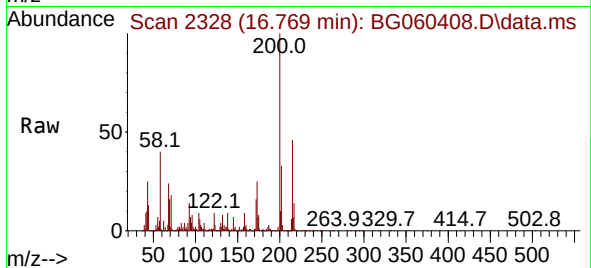
215 46.0 27.4 67.4

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Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#70

Pentachlorophenol

Concen: 81.994 ng

RT: 16.962 min Scan# 2361

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

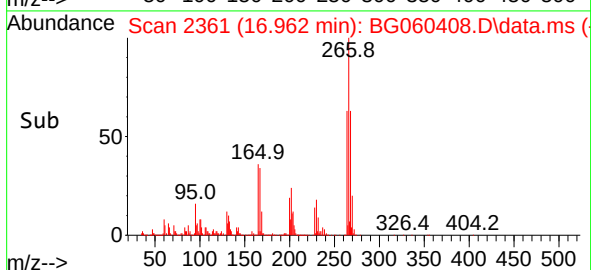
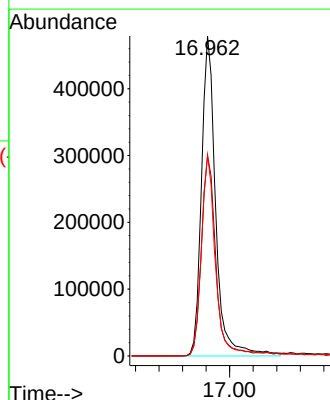
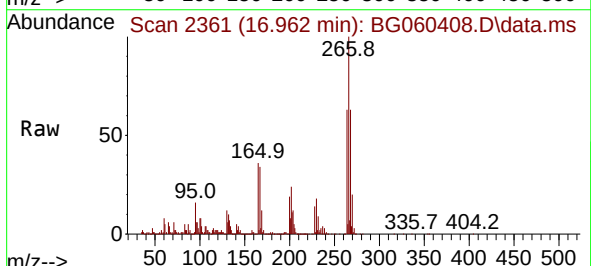
Tgt Ion:266 Resp: 803626

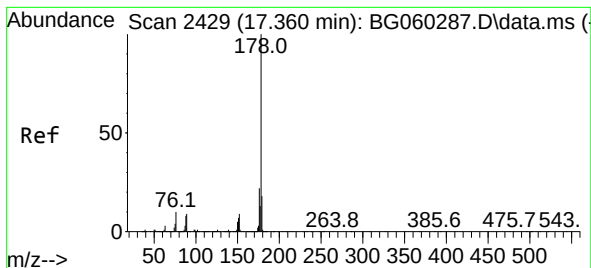
Ion Ratio Lower Upper

266 100

268 62.6 57.4 86.2

264 62.8 49.8 74.8





#71

Phenanthrene

Concen: 41.334 ng

RT: 17.356 min Scan# 2429

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

222177MS

Tgt Ion:178 Resp: 279299

Ion Ratio Lower Upper

178 100

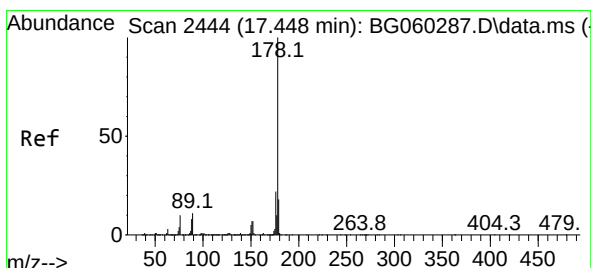
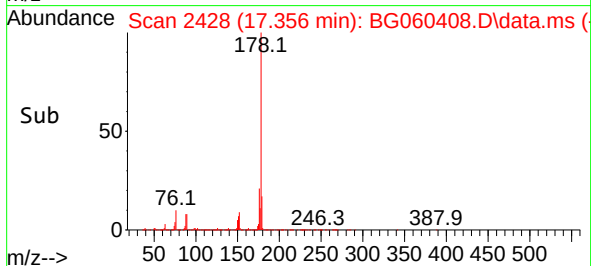
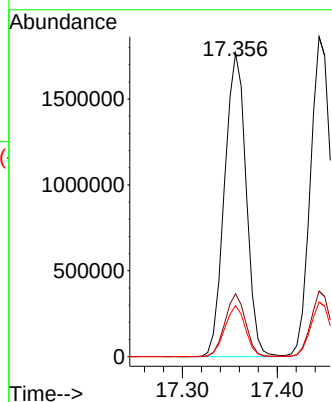
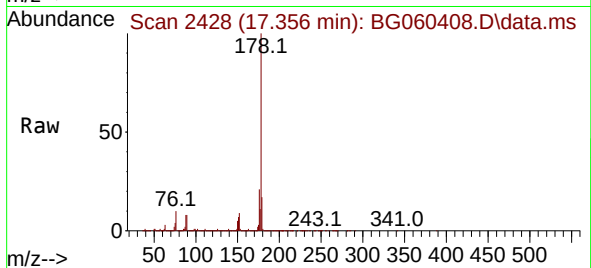
176 20.7 17.4 26.2

179 16.8 14.7 22.1

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Supervised By :mohammad ahmed 01/25/2024



#72

Anthracene

Concen: 42.220 ng

RT: 17.444 min Scan# 2443

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

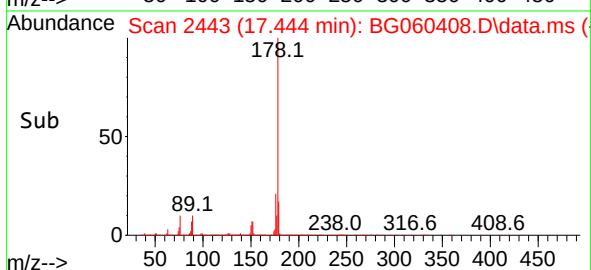
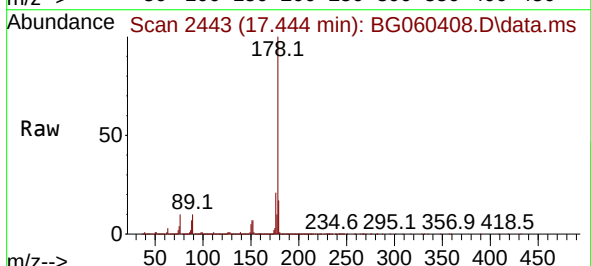
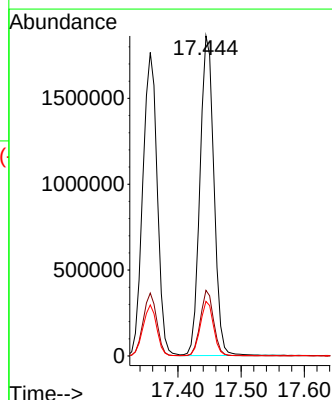
Tgt Ion:178 Resp: 2848316

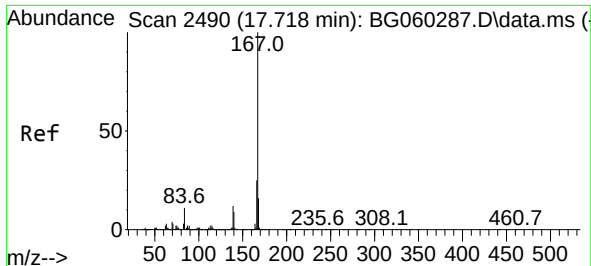
Ion Ratio Lower Upper

178 100

176 20.5 17.8 26.6

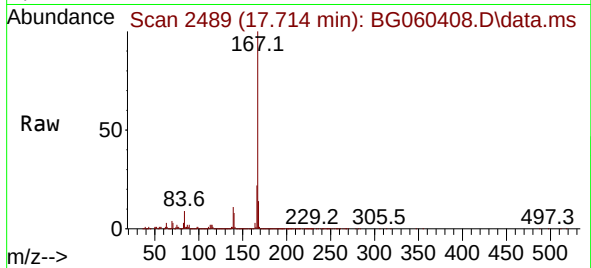
179 17.1 14.1 21.1





#73
 Carbazole
 Concen: 40.122 ng
 RT: 17.714 min Scan# 2490
 Delta R.T. -0.004 min
 Lab File: BG060408.D
 Acq: 23 Jan 2024 17:58

Instrument :
 BNA_G
 ClientSampleId :
 222177MS

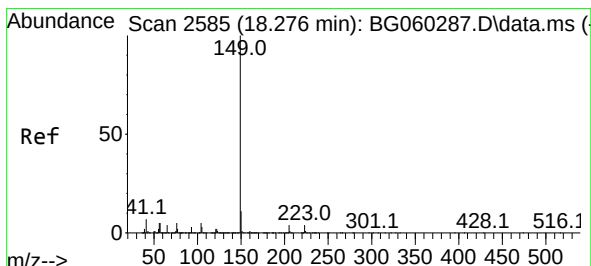
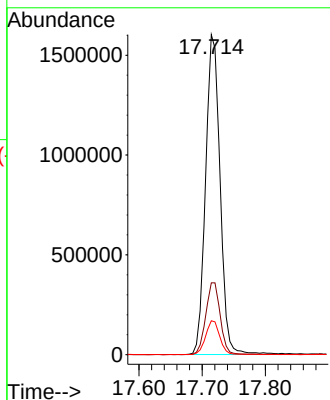
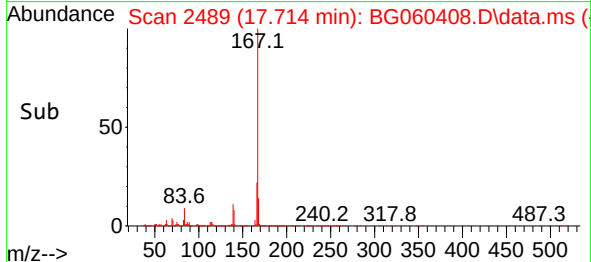


Tgt Ion:167 Resp: 2551840

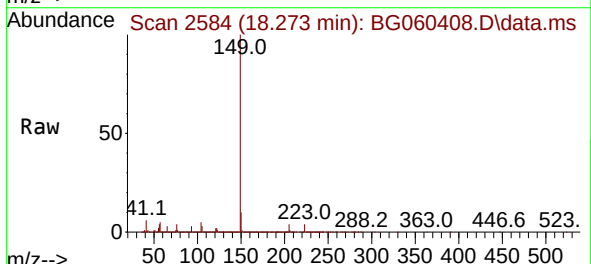
Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.8	29.8
139	10.6	9.3	13.9

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

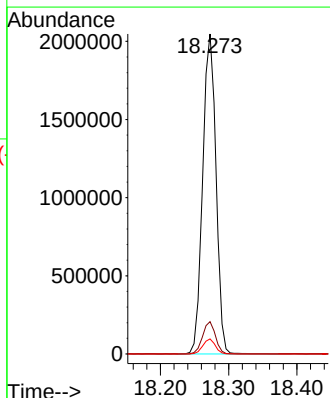
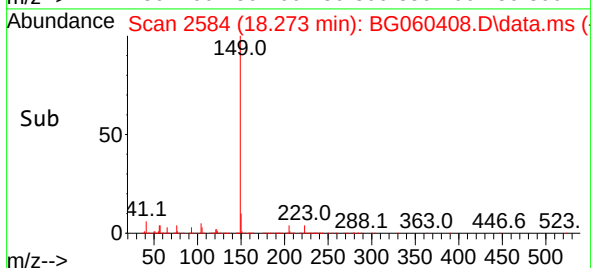


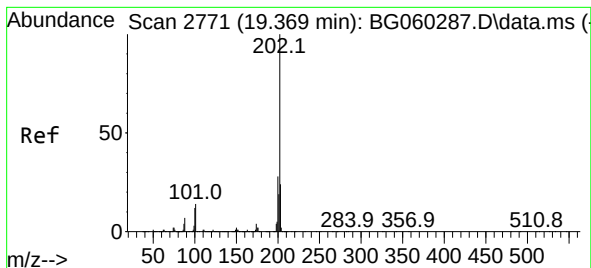
#74
 Di-n-butylphthalate
 Concen: 42.403 ng
 RT: 18.273 min Scan# 2584
 Delta R.T. -0.004 min
 Lab File: BG060408.D
 Acq: 23 Jan 2024 17:58



Tgt Ion:149 Resp: 2774909

Ion	Ratio	Lower	Upper
149	100		
150	10.1	9.1	13.7
104	4.7	4.3	6.5





#75

Fluoranthene

Concen: 39.067 ng

RT: 19.371 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

222177MS

Tgt Ion:202 Resp: 317068

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.4

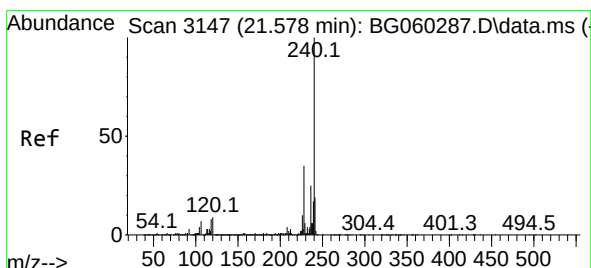
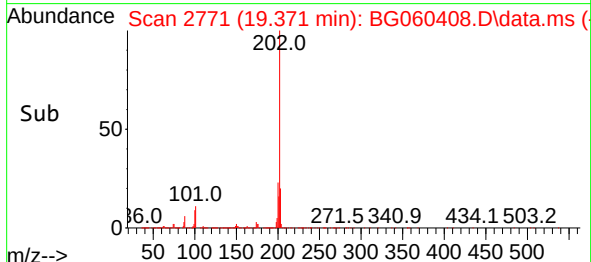
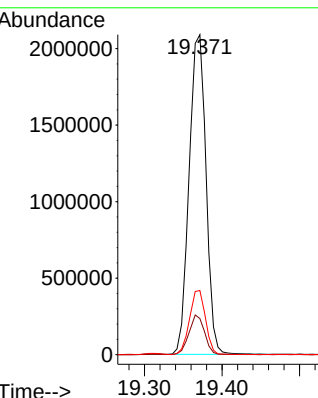
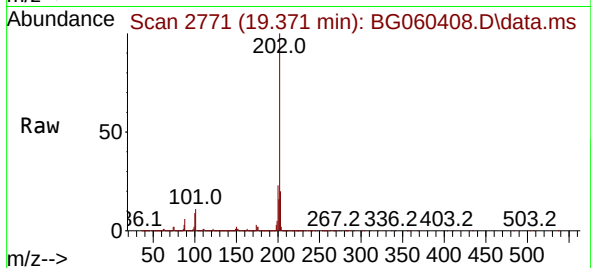
203 20.0 4.0 44.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

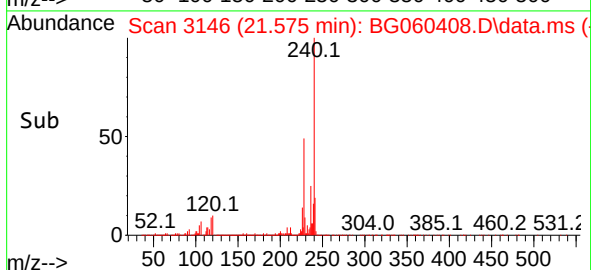
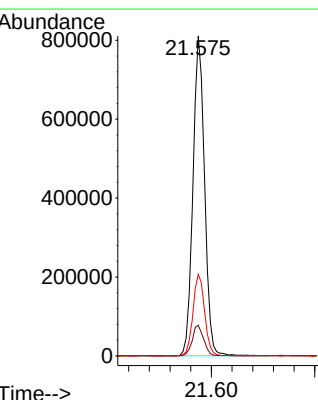
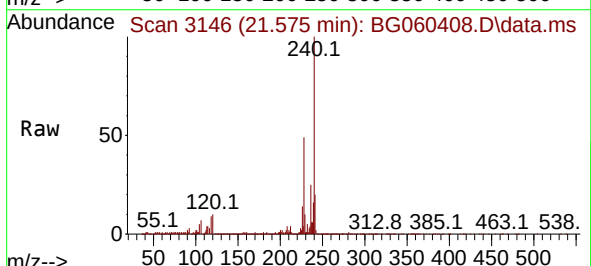
Tgt Ion:240 Resp: 1263635

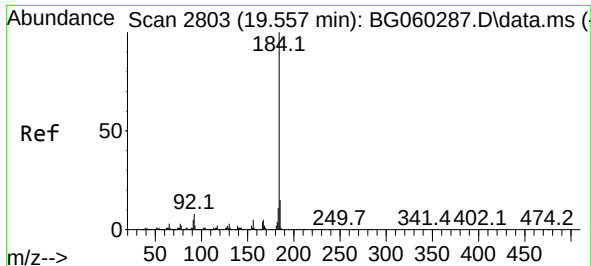
Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 25.5 20.3 30.5





#77
Benzidine
Concen: 38.551 ng
RT: 19.548 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

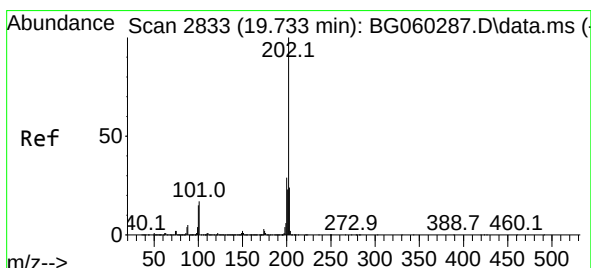
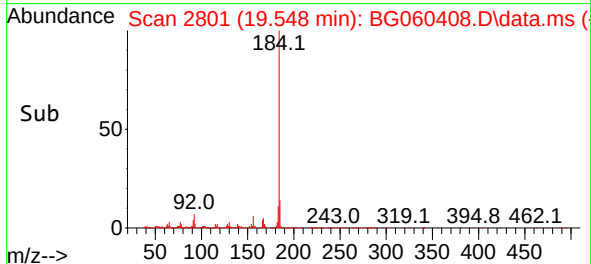
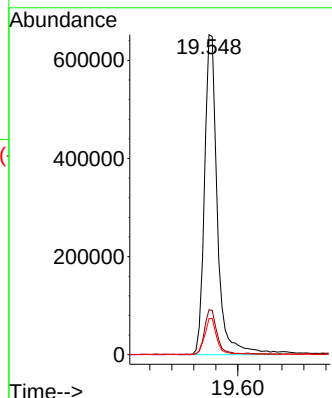
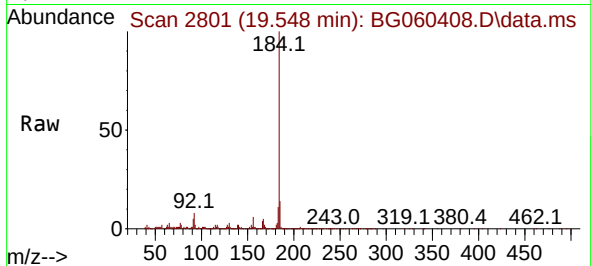
222177MS

Tgt Ion:184 Resp: 105833
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.4
183 11.2 9.0 13.4

Manual Integrations

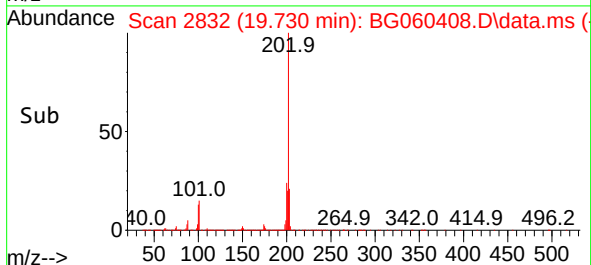
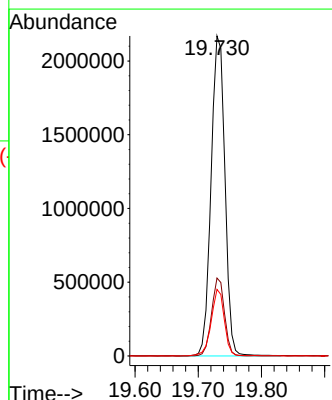
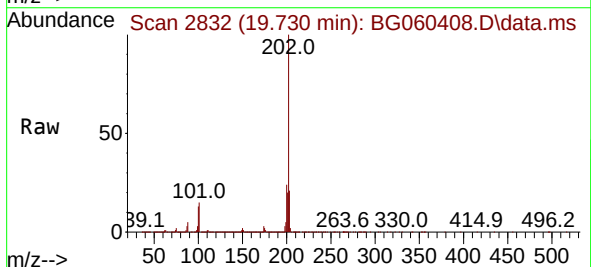
APPROVED

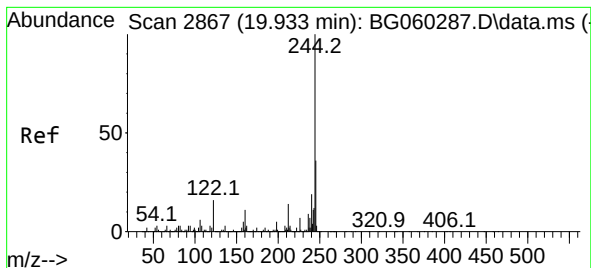
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#78
Pyrene
Concen: 40.860 ng
RT: 19.730 min Scan# 2832
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Tgt Ion:202 Resp: 3297216
Ion Ratio Lower Upper
202 100
200 24.3 23.5 35.3
203 20.8 19.6 29.4





#79

Terphenyl-d14

Concen: 70.300 ng

RT: 19.930 min Scan# 2867

Delta R.T. -0.003 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

222177MS

Tgt Ion:244 Resp: 3758538

Ion Ratio Lower Upper

244 100

212 8.9 10.9 16.3

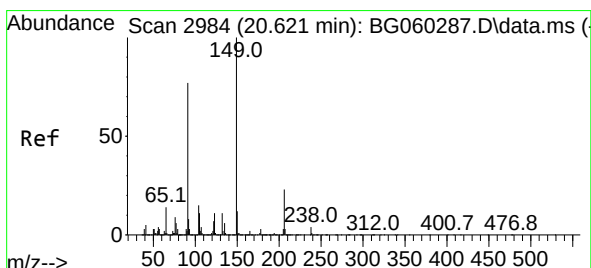
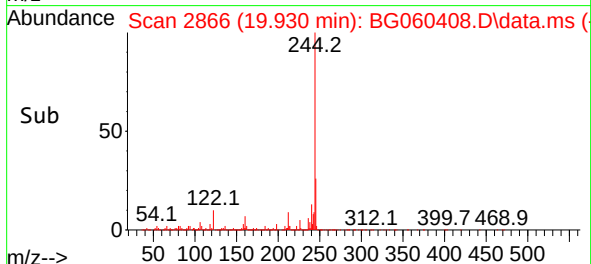
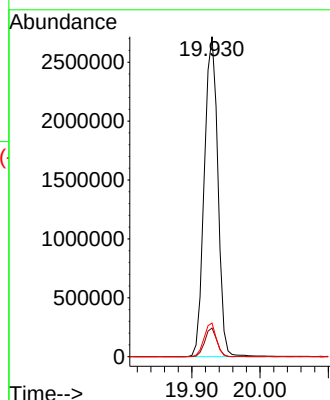
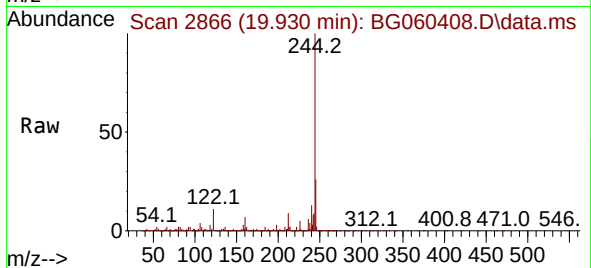
122 10.5 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#80

Butylbenzylphthalate

Concen: 45.253 ng

RT: 20.617 min Scan# 2983

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

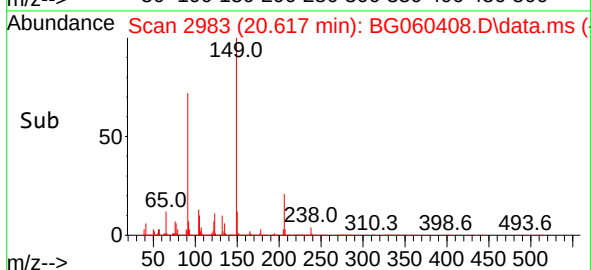
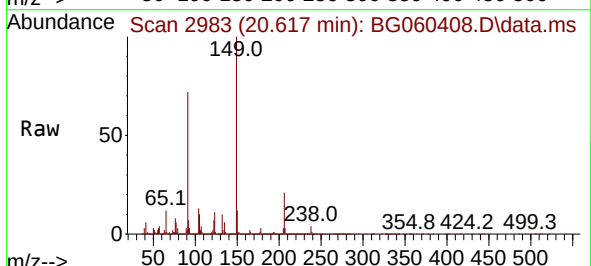
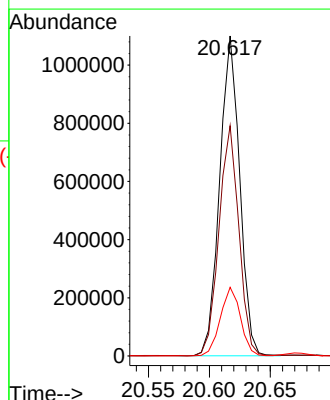
Tgt Ion:149 Resp: 1256333

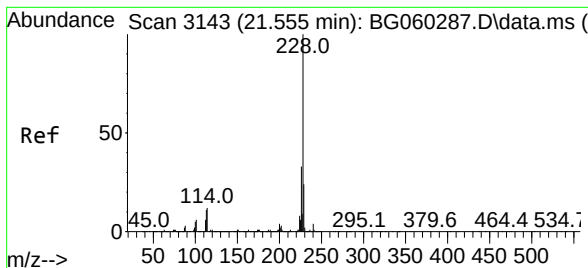
Ion Ratio Lower Upper

149 100

91 71.9 61.4 92.2

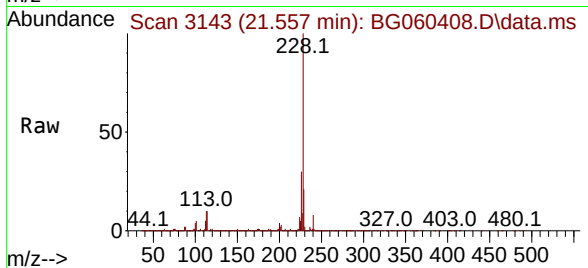
206 21.5 18.0 27.0





#81
Benzo(a)anthracene
Concen: 41.890 ng
RT: 21.557 min Scan# 3143
Delta R.T. 0.002 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

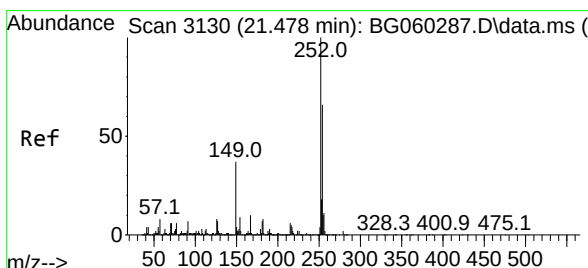
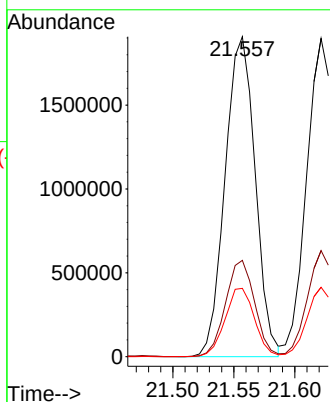
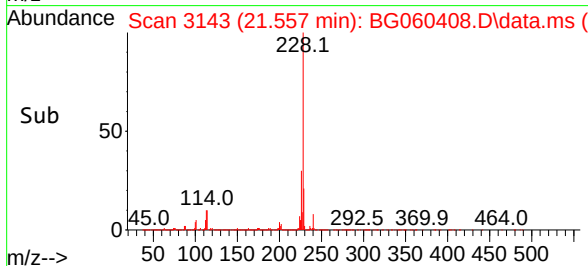
Instrument :
BNA_G
ClientSampleId :
222177MS



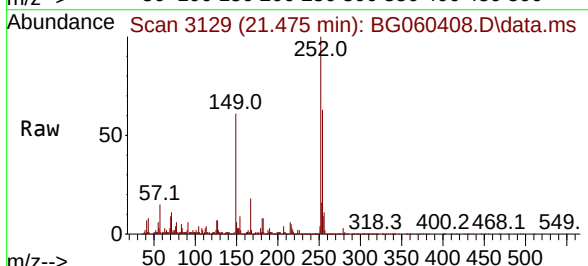
Tgt Ion:228 Resp: 327701
Ion Ratio Lower Upper
228 100
226 30.1 26.2 39.2
229 21.4 19.4 29.2

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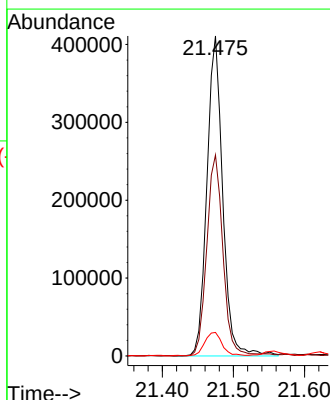
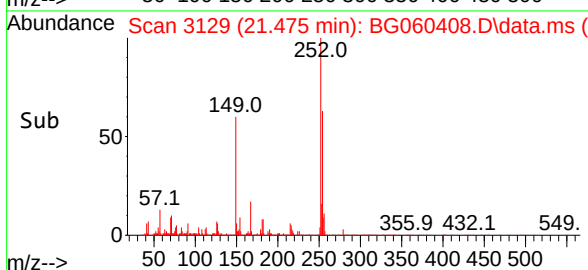
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

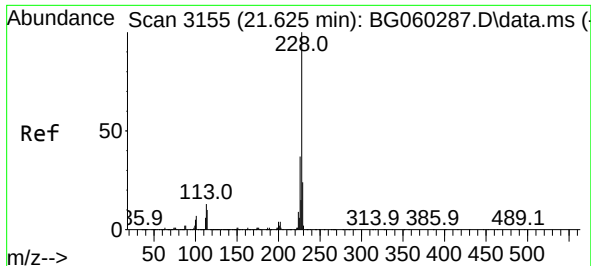


#82
3,3'-Dichlorobenzidine
Concen: 21.229 ng
RT: 21.475 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58



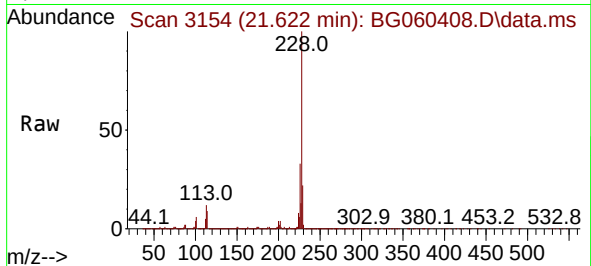
Tgt Ion:252 Resp: 635993
Ion Ratio Lower Upper
252 100
254 62.8 52.6 79.0
126 7.4 6.3 9.5





#83
Chrysene
Concen: 40.582 ng
RT: 21.622 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

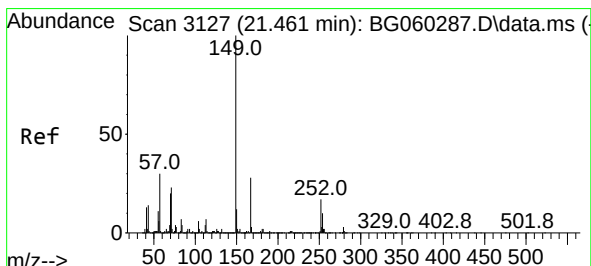
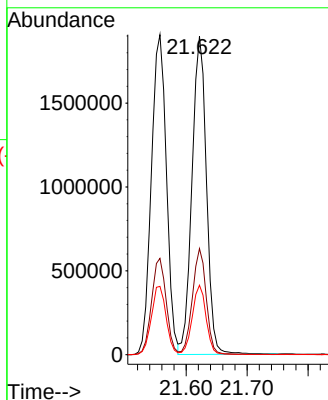
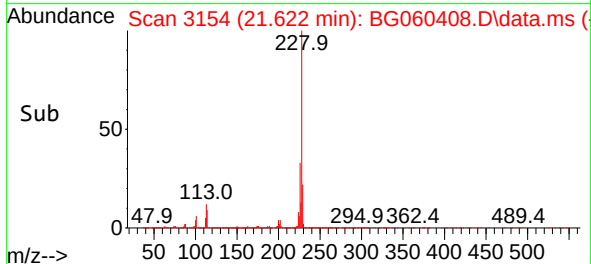
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:228 Resp: 312231
Ion Ratio Lower Upper
228 100
226 33.3 29.4 44.2
229 21.8 19.2 28.8

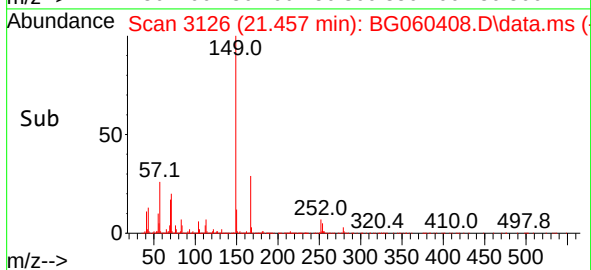
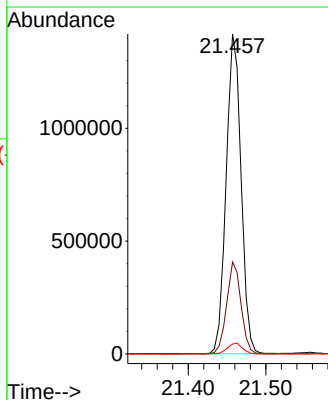
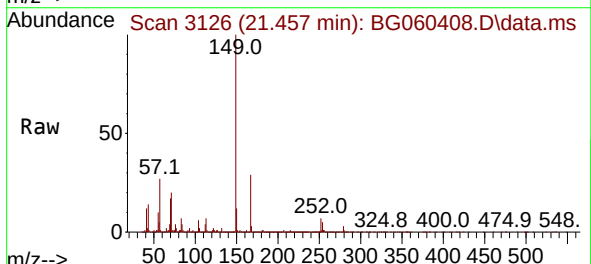
Manual Integrations
APPROVED

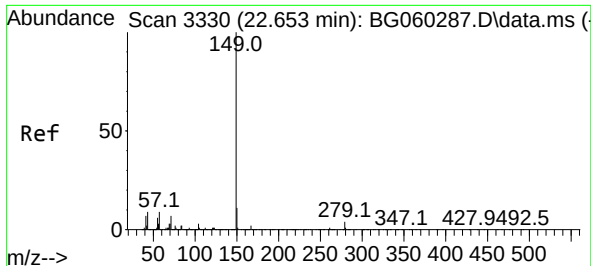
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.222 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

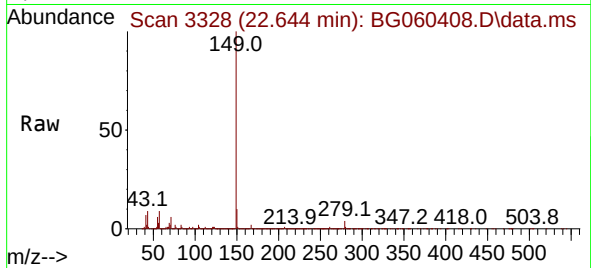
Tgt Ion:149 Resp: 1897179
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.2
279 3.1 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 46.370 ng
RT: 22.644 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

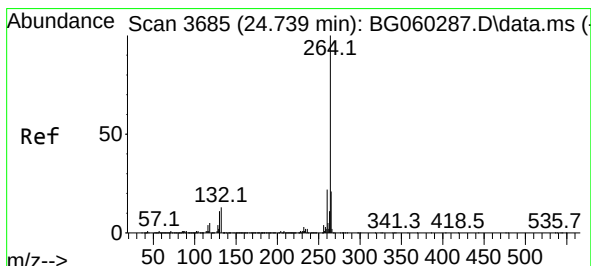
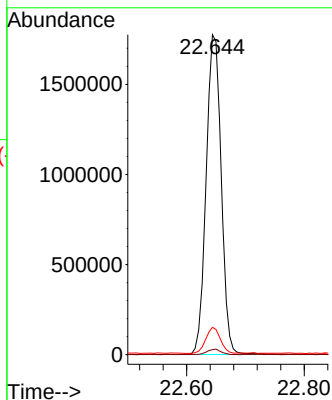
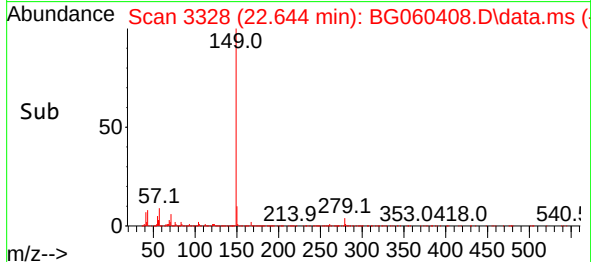
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:149 Resp: 315238
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.8 10.2

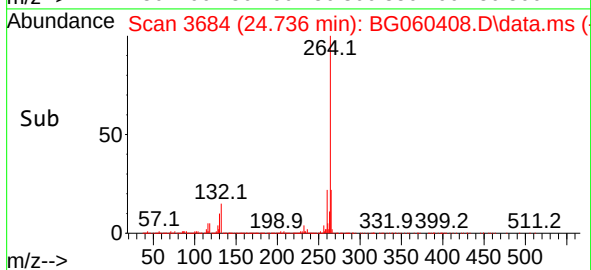
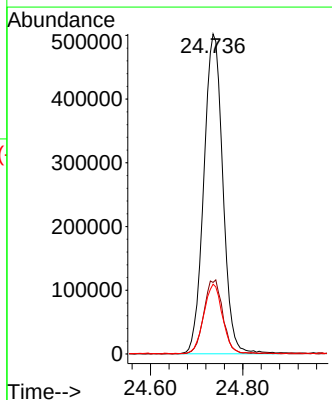
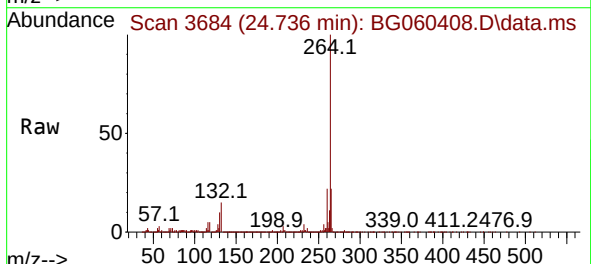
Manual Integrations
APPROVED

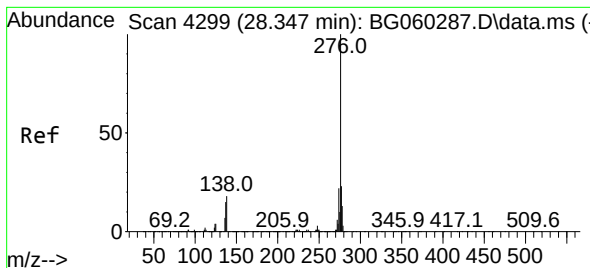
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Tgt Ion:264 Resp: 1438130
Ion Ratio Lower Upper
264 100
260 22.4 17.8 26.6
265 21.8 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.024 ng

RT: 28.349 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

222177MS

Tgt Ion:276 Resp: 410220

Ion Ratio Lower Upper

276 100

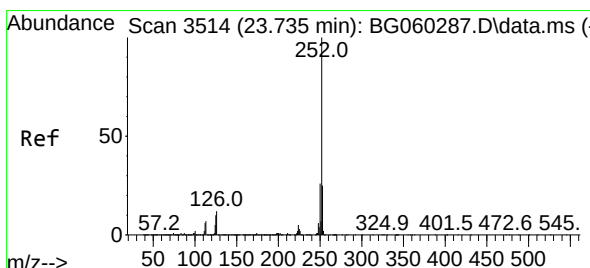
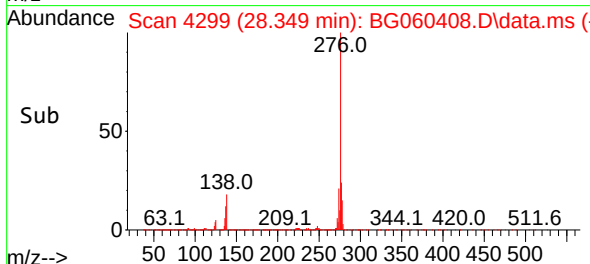
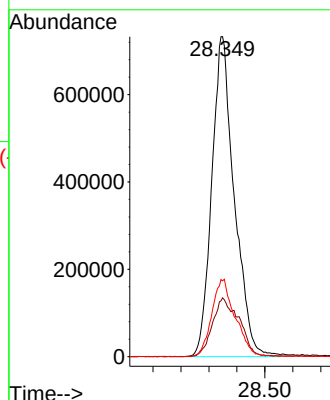
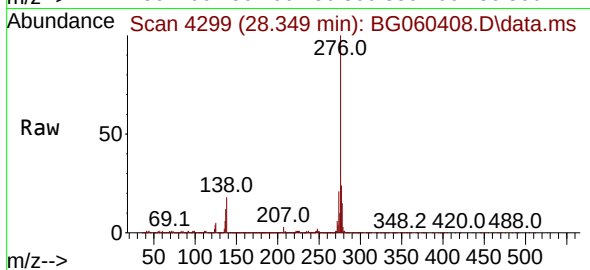
138 21.6 12.5 18.7

277 25.1 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: 39.777 ng

RT: 23.731 min Scan# 3513

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

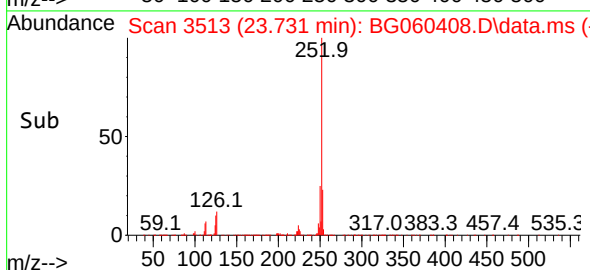
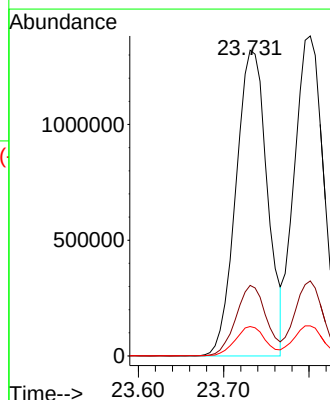
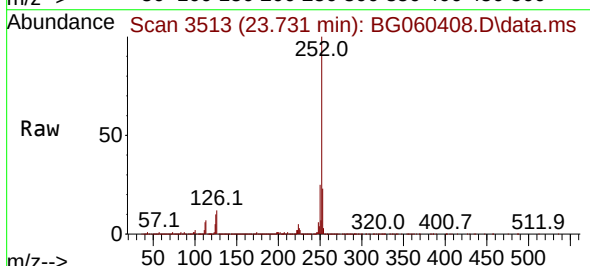
Tgt Ion:252 Resp: 3379428

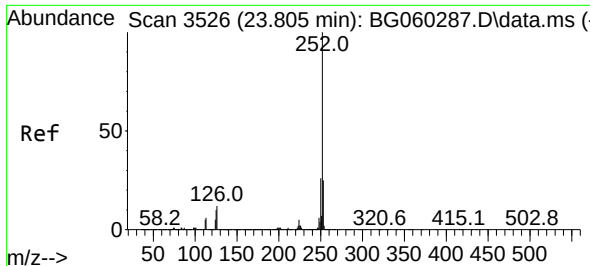
Ion Ratio Lower Upper

252 100

253 23.1 20.0 30.0

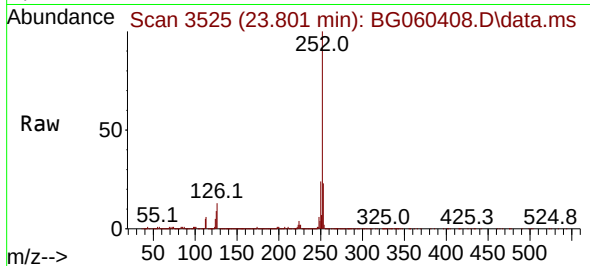
125 9.6 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 39.736 ng
RT: 23.801 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

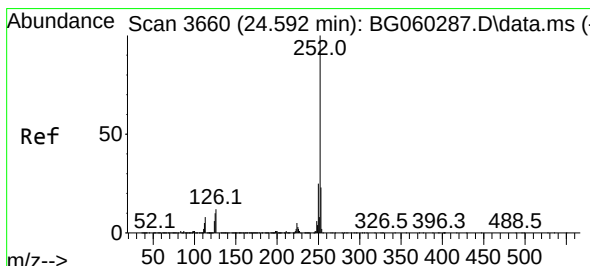
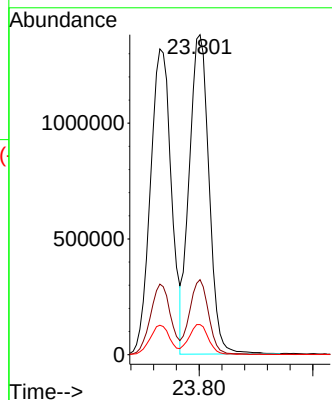
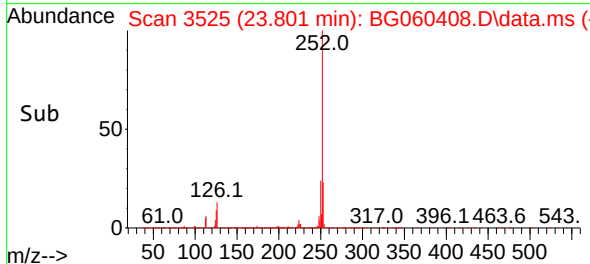
Instrument :
BNA_G
ClientSampleId :
222177MS



Tgt Ion:252 Resp: 333132
Ion Ratio Lower Upper
252 100
253 23.4 19.6 29.4
125 9.4 8.2 12.2

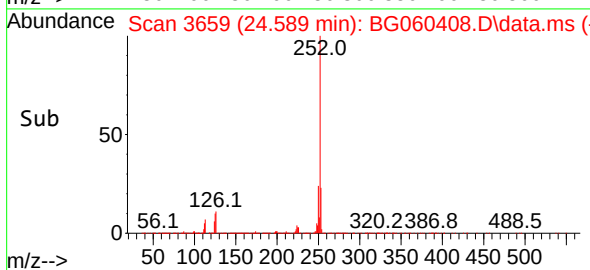
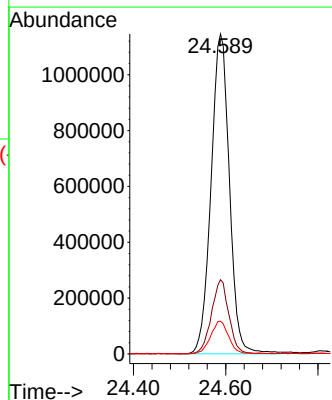
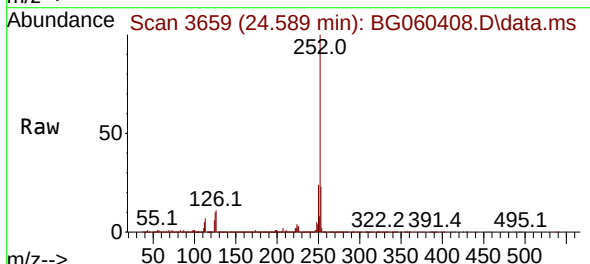
Manual Integrations
APPROVED

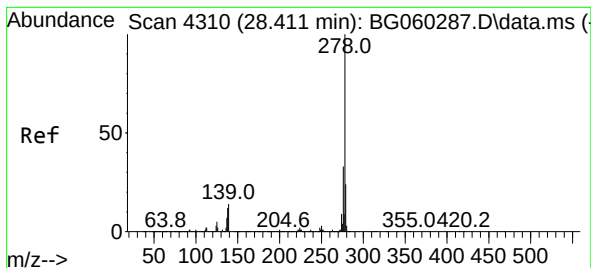
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#90
Benzo(a)pyrene
Concen: 41.190 ng
RT: 24.589 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BG060408.D
Acq: 23 Jan 2024 17:58

Tgt Ion:252 Resp: 3161238
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 10.3 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 40.747 ng

RT: 28.408 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

Instrument :

BNA_G

ClientSampleId :

222177MS

Tgt Ion:278 Resp: 332748

Ion Ratio Lower Upper

278 100

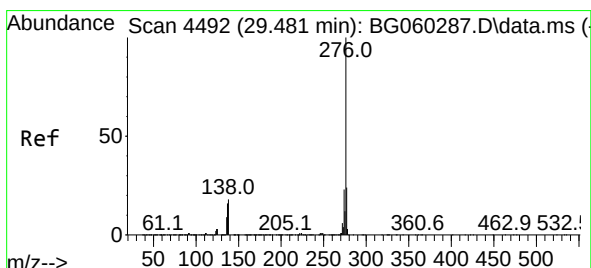
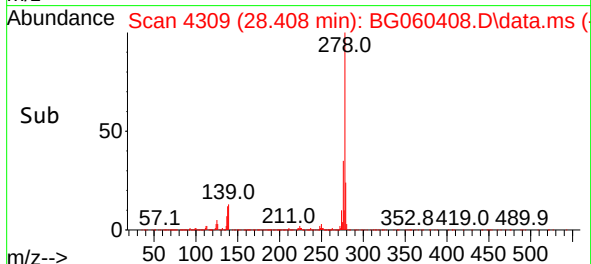
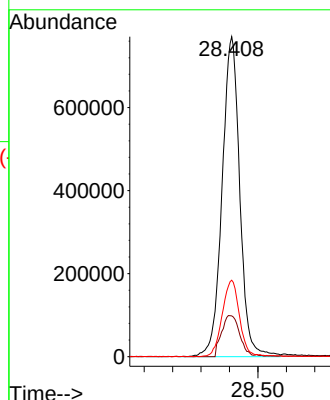
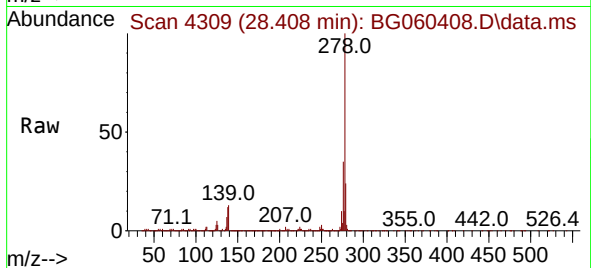
139 12.8 10.9 16.3

279 23.9 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: 38.608 ng

RT: 29.477 min Scan# 4491

Delta R.T. -0.004 min

Lab File: BG060408.D

Acq: 23 Jan 2024 17:58

Tgt Ion:276 Resp: 3231384

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.0

138 17.8 14.2 21.4

