

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060882.D
 Acq On : 12 Apr 2024 20:25
 Operator : MA/JU
 Sample : P2090-01MS 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 12 22:43:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	68992	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	268365	20.000	ng	-0.01
39) Acenaphthene-d10	14.582	164	192747	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	422634	20.000	ng	0.00
76) Chrysene-d12	21.597	240	380616	20.000	ng	0.00
86) Perylene-d12	24.741	264	394658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	176539	42.627	ng	0.00
7) Phenol-d6	7.120	99	235901	38.373	ng	0.00
23) Nitrobenzene-d5	9.106	82	165358	35.160	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	124660	56.975	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	386301	29.414	ng	-0.01
79) Terphenyl-d14	19.952	244	643033	29.748	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	27367	16.118	ng	88
3) Pyridine	3.848	79	76717	14.979	ng	87
4) n-Nitrosodimethylamine	3.765	42	61383	20.050	ng	96
6) Aniline	7.279	93	69698	8.978	ng	99
8) 2-Chlorophenol	7.520	128	102130	21.752	ng	98
9) Benzaldehyde	7.085	77	9639m	2.843	ng	
10) Phenol	7.144	94	123968	19.759	ng	98
11) bis(2-Chloroethyl)ether	7.373	93	88989	17.568	ng	99
12) 1,3-Dichlorobenzene	7.843	146	109827	22.494	ng	96
13) 1,4-Dichlorobenzene	7.990	146	112093	22.503	ng	97
14) 1,2-Dichlorobenzene	8.301	146	108927	22.313	ng	99
15) Benzyl Alcohol	8.184	79	95701	19.218	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.472	45	234206	20.488	ng	97
17) 2-Methylphenol	8.395	107	86743	18.315	ng	97
18) Hexachloroethane	9.036	117	41018	23.185	ng	90
19) n-Nitroso-di-n-propyla...	8.754	70	82486	17.595	ng	98
20) 3+4-Methylphenols	8.718	107	120349	18.556	ng	95
22) Acetophenone	8.771	105	160789	21.729	ng	# 97
24) Nitrobenzene	9.147	77	118871	24.168	ng	97
25) Isophorone	9.670	82	220294	20.337	ng	97
26) 2-Nitrophenol	9.858	139	52456	31.318	ng	# 87
27) 2,4-Dimethylphenol	9.923	122	73929	16.990	ng	98
28) bis(2-Chloroethoxy)met...	10.158	93	123604	19.327	ng	97
29) 2,4-Dichlorophenol	10.399	162	98989	24.773	ng	98
30) 1,2,4-Trichlorobenzene	10.610	180	114391	25.282	ng	98
31) Naphthalene	10.798	128	339470	23.384	ng	98
32) Benzoic acid	10.035	122	65036m	26.101	ng	
33) 4-Chloroaniline	10.904	127	80452	11.932	ng	98
34) Hexachlorobutadiene	11.092	225	81480	27.020	ng	97
35) Caprolactam	11.668	113	29626	18.720	ng	94
36) 4-Chloro-3-methylphenol	12.026	107	110916	21.729	ng	98
37) 2-Methylnaphthalene	12.408	142	238272	22.325	ng	98
38) 1-Methylnaphthalene	12.626	142	231800	22.990	ng	95
40) 1,2,4,5-Tetrachloroben...	12.772	216	147894	26.690	ng	98
41) Hexachlorocyclopentadiene	12.755	237	37302	13.239	ng	98
43) 2,4,6-Trichlorophenol	13.013	196	95523	26.772	ng	95

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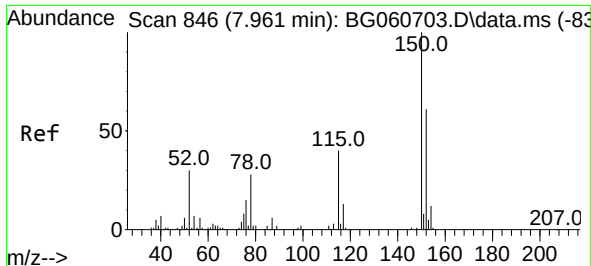
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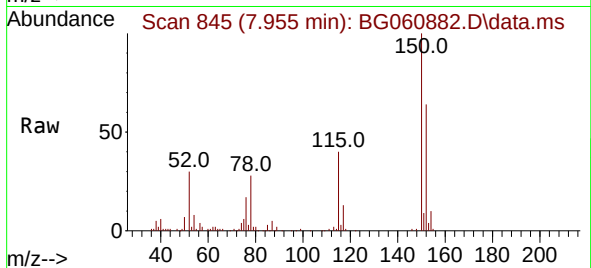
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.090	196	100200	23.532	ng	97
46) 1,1'-Biphenyl	13.413	154	308641	22.670	ng	99
47) 2-Chloronaphthalene	13.454	162	235449	22.762	ng	97
48) 2-Nitroaniline	13.654	65	86575	28.324	ng	98
49) Acenaphthylene	14.300	152	420224	24.178	ng	99
50) Dimethylphthalate	14.036	163	306230	20.101	ng	99
51) 2,6-Dinitrotoluene	14.153	165	62457	24.724	ng	91
52) Acenaphthene	14.647	154	263822	24.176	ng	96
53) 3-Nitroaniline	14.476	138	57352	20.879	ng	92
54) 2,4-Dinitrophenol	14.688	184	15976	15.065	ng #	84
55) Dibenzofuran	14.982	168	410205	23.832	ng	96
56) 4-Nitrophenol	14.788	139	107424	48.233	ng	95
57) 2,4-Dinitrotoluene	14.941	165	85016	26.128	ng #	94
58) Fluorene	15.634	166	403260	29.191	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.211	232	93719	25.255	ng	96
60) Diethylphthalate	15.405	149	302485	19.735	ng	99
61) 4-Chlorophenyl-phenyle...	15.628	204	163641	22.391	ng	94
62) 4-Nitroaniline	15.640	138	68101	24.449	ng	99
63) Azobenzene	15.922	77	297222	19.900	ng	91
65) 4,6-Dinitro-2-methylph...	15.710	198	13956	13.863	ng	98
66) n-Nitrosodiphenylamine	15.839	169	278098	23.026	ng	98
67) 4-Bromophenyl-phenylether	16.521	248	110615	25.789	ng	99
68) Hexachlorobenzene	16.639	284	123349	25.475	ng	95
69) Atrazine	16.791	200	102512	24.272	ng	99
70) Pentachlorophenol	16.985	266	156453	49.520	ng	98
71) Phenanthrene	17.379	178	1712070	77.891	ng	99
72) Anthracene	17.467	178	671390	30.077	ng	99
73) Carbazole	17.731	167	490569	24.926	ng	98
74) Di-n-butylphthalate	18.307	149	507318	20.676	ng	99
75) Fluoranthene	19.388	202	2218281	83.169	ng	96
77) Benzidine	19.565	184	51257	5.114	ng #	95
78) Pyrene	19.753	202	2094557	78.685	ng	98
80) Butylbenzylphthalate	20.646	149	227023	23.379	ng	97
81) Benzo(a)anthracene	21.580	228	1360506	50.710	ng	98
82) 3,3'-Dichlorobenzidine	21.498	252	154553	17.061	ng	98
83) Chrysene	21.644	228	1337978	51.740	ng	98
84) Bis(2-ethylhexyl)phtha...	21.515	149	1012167	65.398	ng #	96
85) Di-n-octyl phthalate	22.702	149	576691	22.872	ng	100
87) Indeno(1,2,3-cd)pyrene	28.301	276	714121m	25.695	ng	
88) Benzo(b)fluoranthene	23.754	252	1170261	51.615	ng	98
89) Benzo(k)fluoranthene	23.818	252	1005720m	43.337	ng	
90) Benzo(a)pyrene	24.600	252	994239m	45.123	ng	
91) Dibenzo(a,h)anthracene	28.372	278	462337m	19.734	ng	
92) Benzo(g,h,i)perylene	29.424	276	498538m	21.875	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

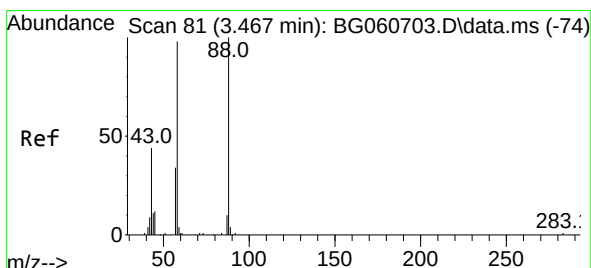
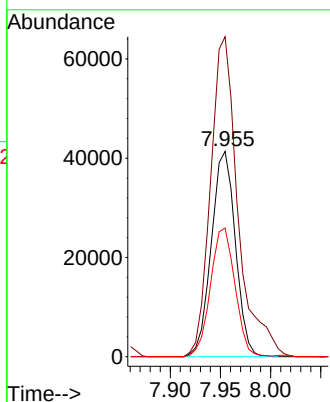
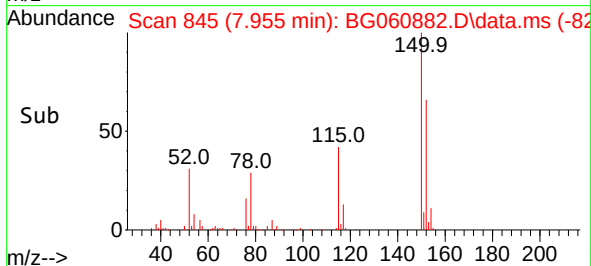
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:152 Resp: 68992
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.4
115 62.7 51.6 77.4

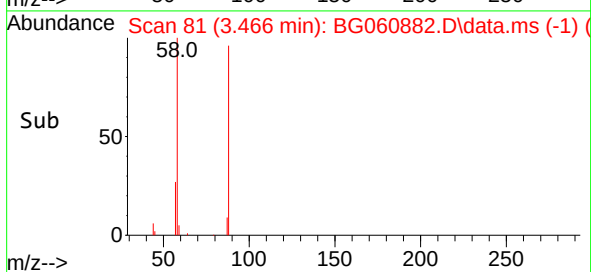
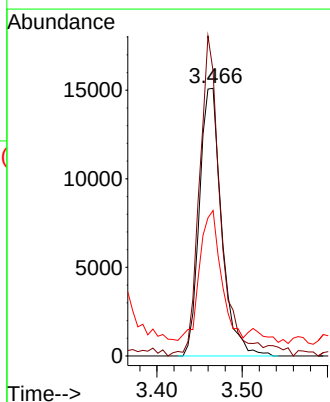
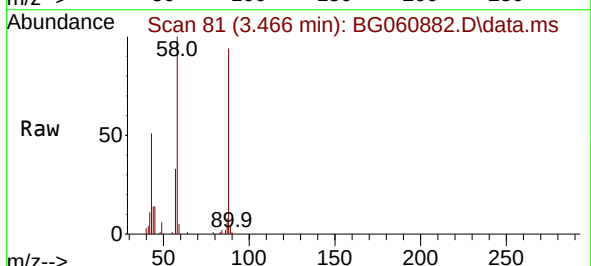
Manual Integrations
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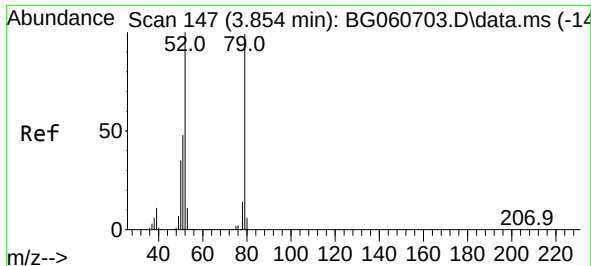
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#2
1,4-Dioxane
Concen: 16.118 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

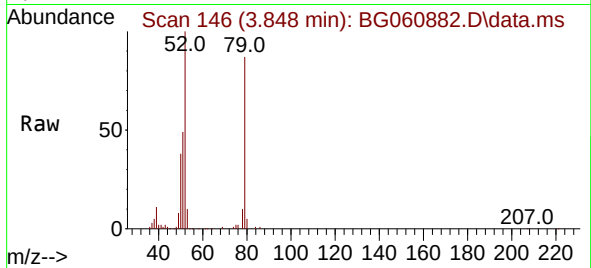
Tgt Ion: 88 Resp: 27367
Ion Ratio Lower Upper
88 100
58 115.9 80.9 121.3
43 48.2 35.4 53.0





#3
Pyridine
Concen: 14.979 ng
RT: 3.848 min Scan# 146
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

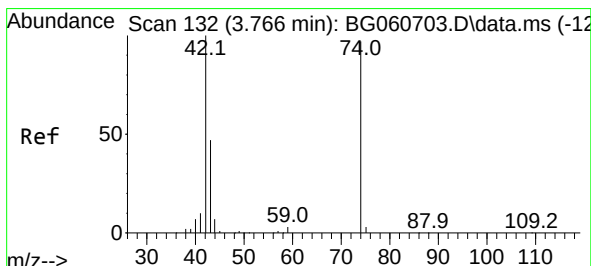
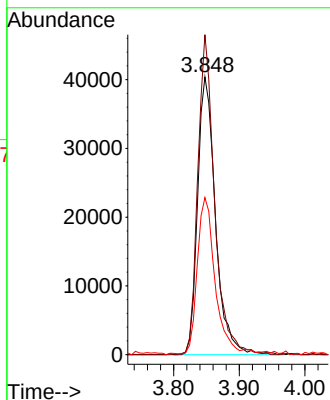
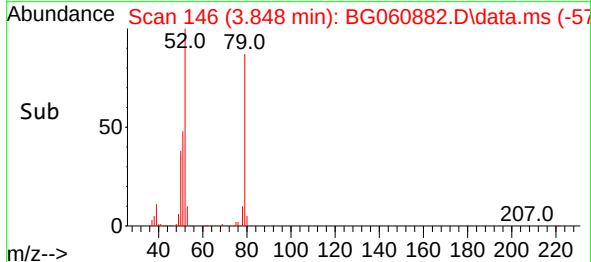
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion: 79 Resp: 7671
Ion Ratio Lower Upper
79 100
52 115.2 80.6 120.8
51 56.6 39.1 58.7

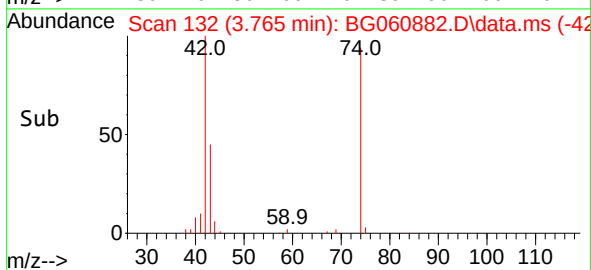
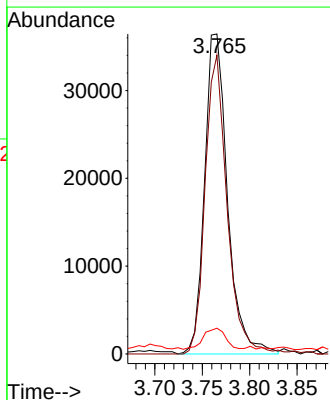
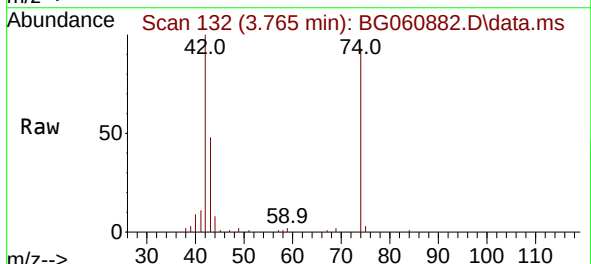
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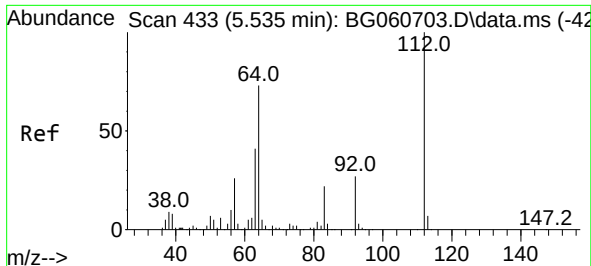
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#4
n-Nitrosodimethylamine
Concen: 20.050 ng
RT: 3.765 min Scan# 132
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

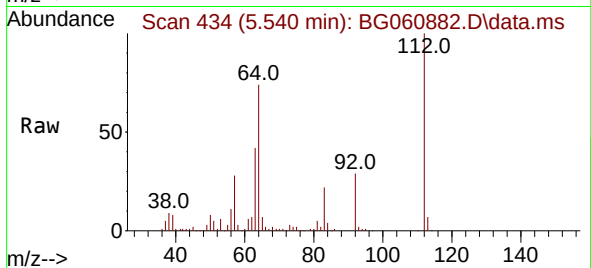
Tgt Ion: 42 Resp: 61383
Ion Ratio Lower Upper
42 100
74 93.3 77.8 116.8
44 8.0 6.8 10.2





#5
2-Fluorophenol
Concen: 42.627 ng
RT: 5.540 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

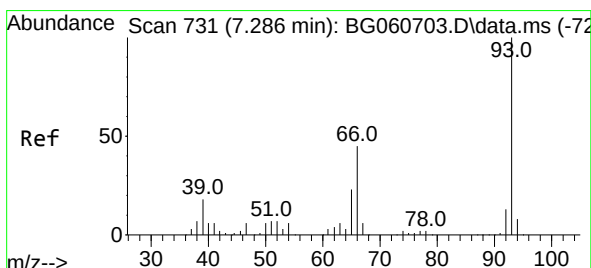
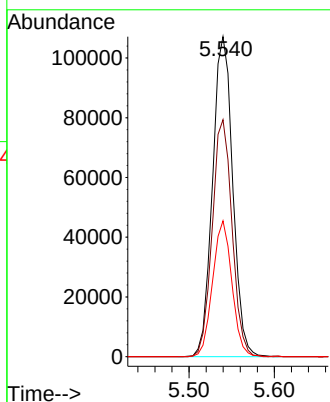
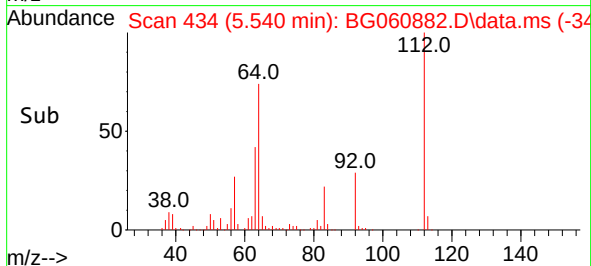
Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 176539
Ion Ratio Lower Upper
112 100
64 74.1 58.4 87.6
63 42.5 32.7 49.1

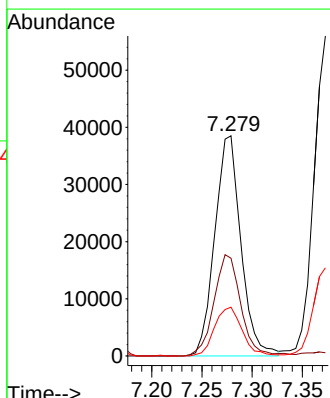
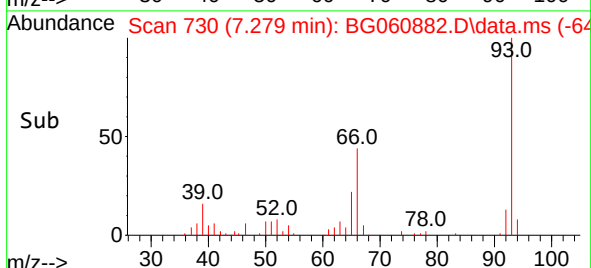
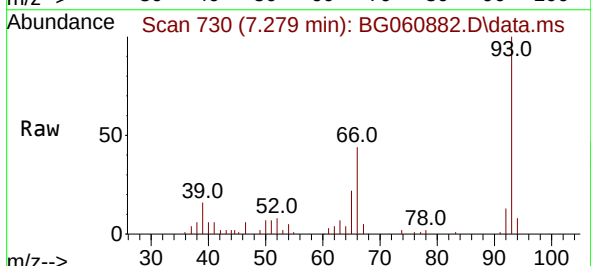
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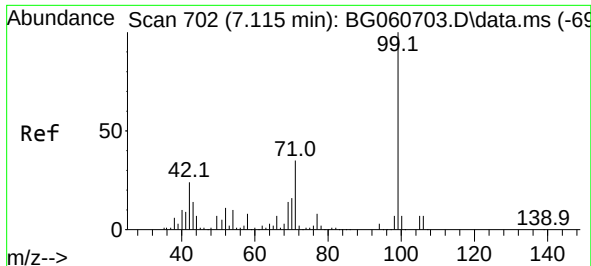
Reviewed By :Yogesh Patel 04/16/2024
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#6
Aniline
Concen: 8.978 ng
RT: 7.279 min Scan# 730
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion: 93 Resp: 69698
Ion Ratio Lower Upper
93 100
66 44.4 36.1 54.1
65 22.1 18.1 27.1





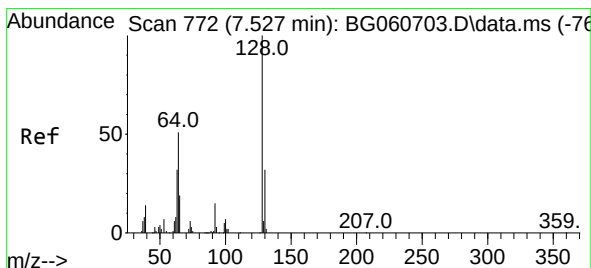
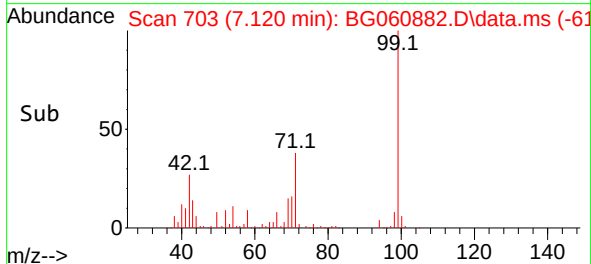
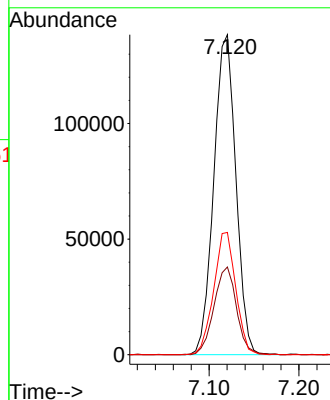
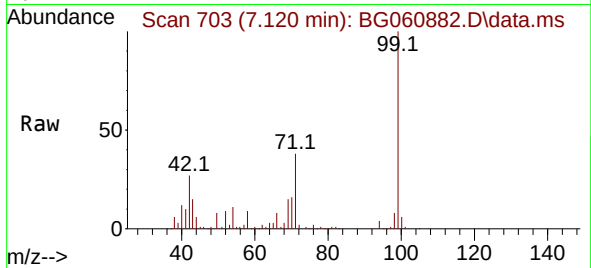
#7
Phenol-d6
Concen: 38.373 ng
RT: 7.120 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS

Tgt Ion: 99 Resp: 23590
Ion Ratio Lower Upper
99 100
42 27.4 19.4 29.2
71 38.2 28.2 42.2

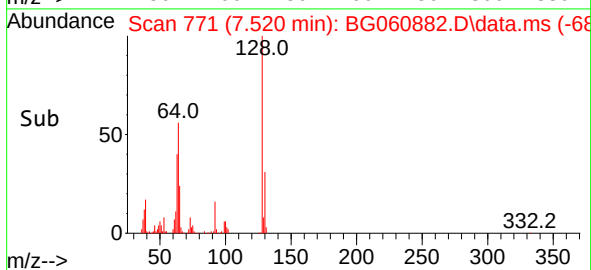
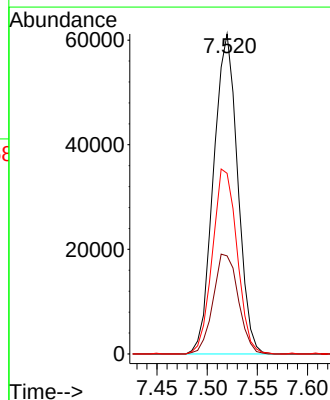
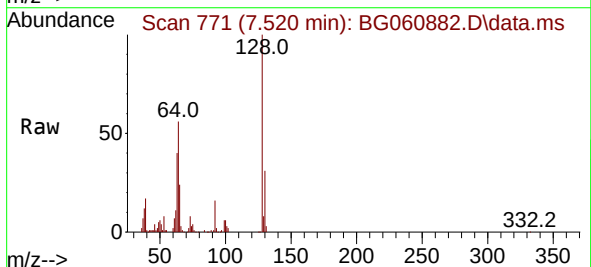
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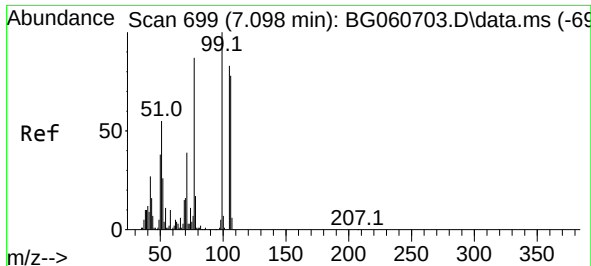
Reviewed By :Yogesh Patel 04/16/2024
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#8
2-Chlorophenol
Concen: 21.752 ng
RT: 7.520 min Scan# 771
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:128 Resp: 102130
Ion Ratio Lower Upper
128 100
130 30.6 12.3 52.3
64 56.4 35.0 75.0





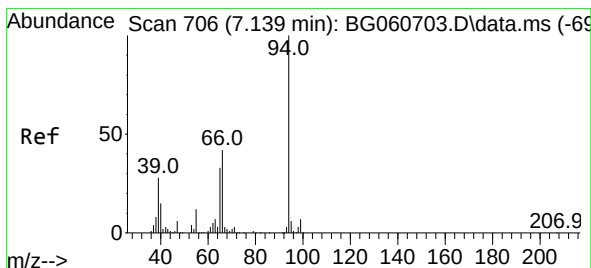
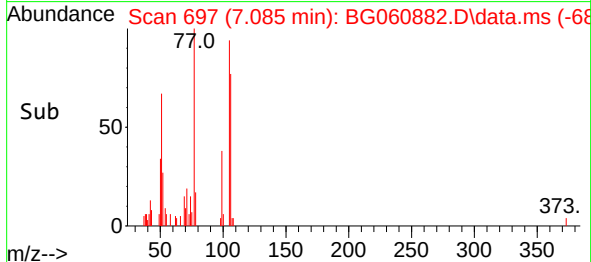
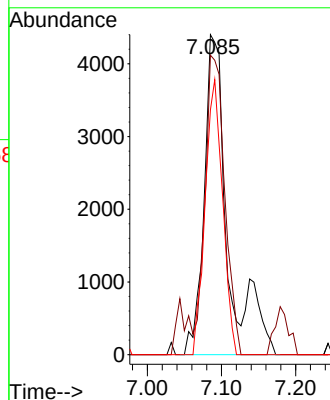
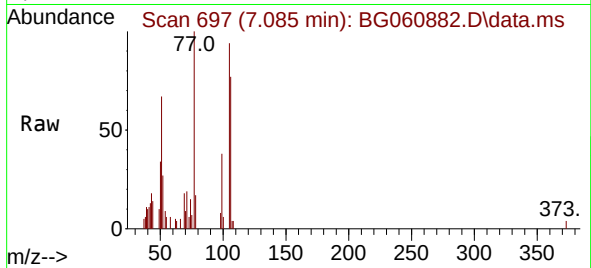
#9
Benzaldehyde
Concen: 2.843 ng m
RT: 7.085 min Scan# 699
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS

Tgt Ion: 77 Resp: 9639
Ion Ratio Lower Upper
77 100
105 93.6 76.0 116.0
106 76.5 70.3 110.3

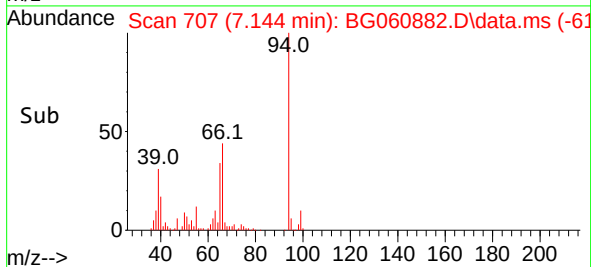
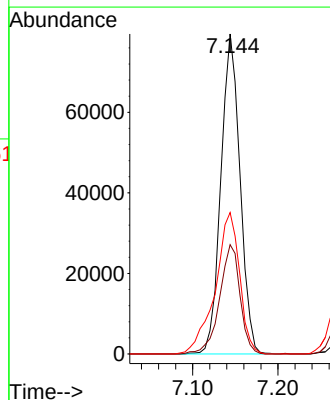
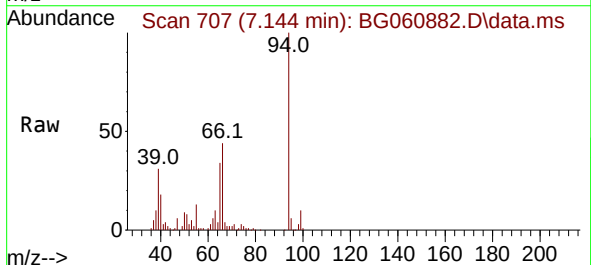
Manual Integrations
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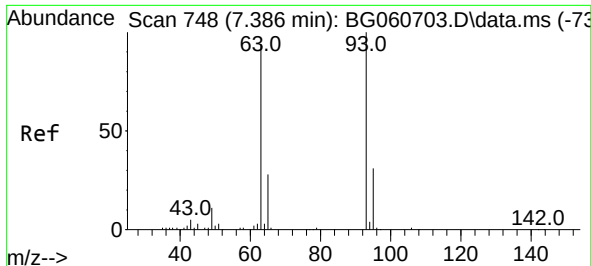
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#10
Phenol
Concen: 19.759 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

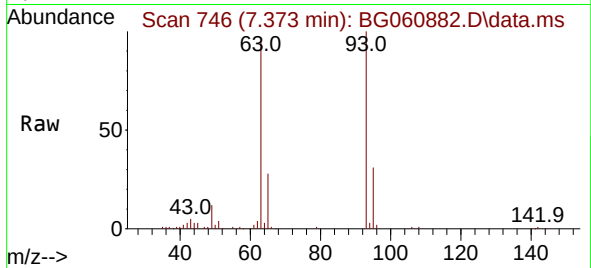
Tgt Ion: 94 Resp: 123968
Ion Ratio Lower Upper
94 100
65 34.1 13.3 53.3
66 44.2 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 17.568 ng
RT: 7.373 min Scan# 748
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

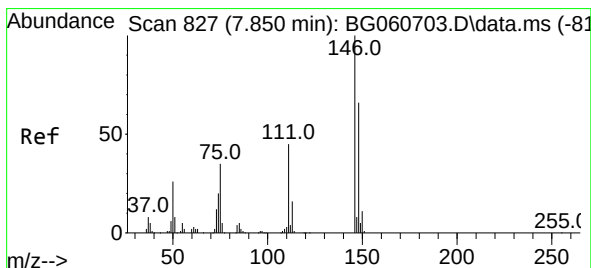
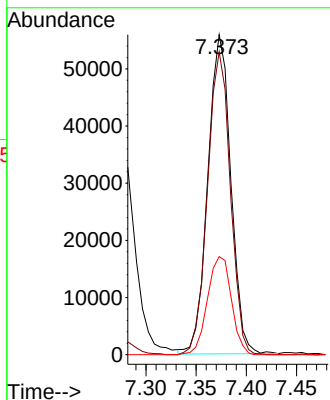
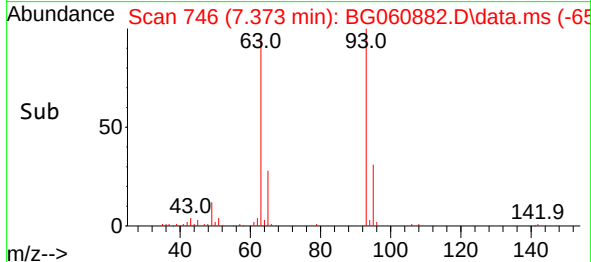
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



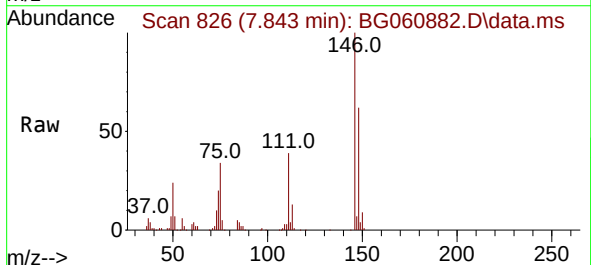
Tgt Ion: 93 Resp: 88989
Ion Ratio Lower Upper
93 100
63 94.6 73.7 113.7
95 30.6 11.2 51.2

Manual Integrations
APPROVED

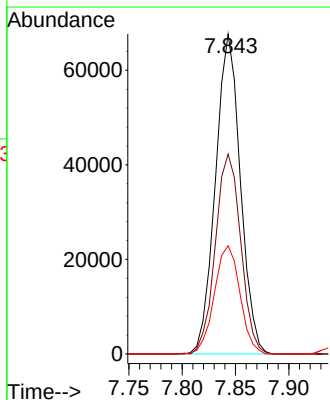
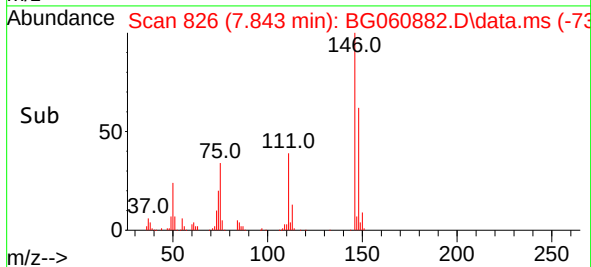
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

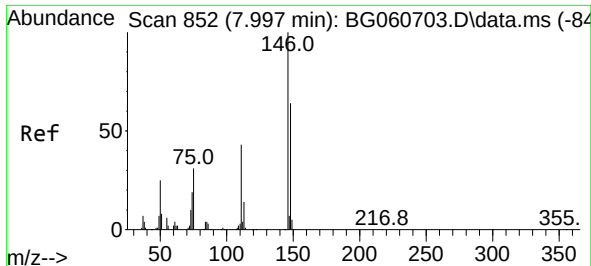


#12
1,3-Dichlorobenzene
Concen: 22.494 ng
RT: 7.843 min Scan# 826
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25



Tgt Ion:146 Resp: 109827
Ion Ratio Lower Upper
146 100
148 62.4 53.0 79.4
75 33.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 22.503 ng

RT: 7.990 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MS

Tgt Ion:146 Resp: 11209

Ion Ratio Lower Upper

146 100

148 61.1 51.1 76.7

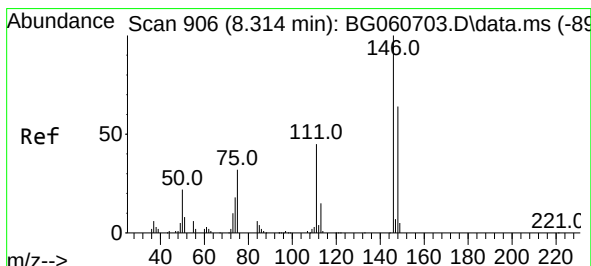
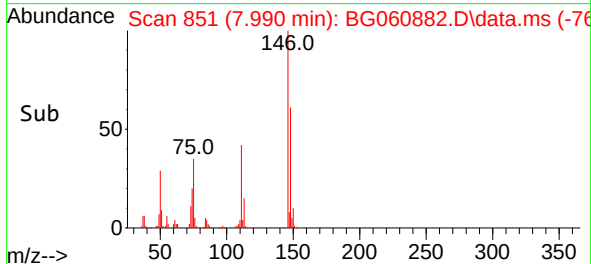
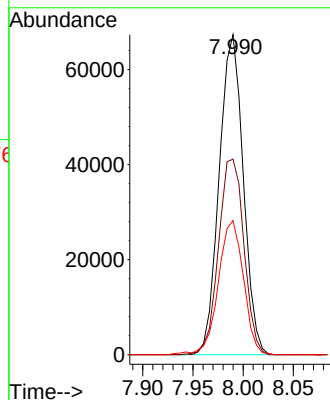
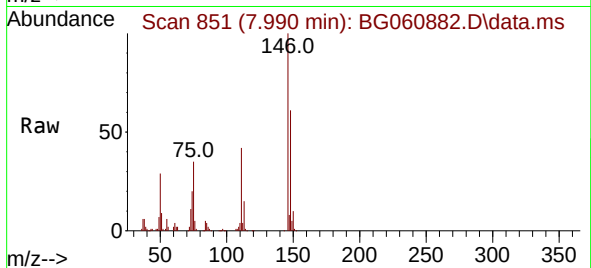
111 41.9 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#14

1,2-Dichlorobenzene

Concen: 22.313 ng

RT: 8.301 min Scan# 904

Delta R.T. -0.013 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

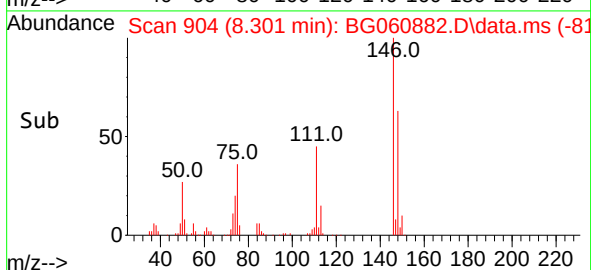
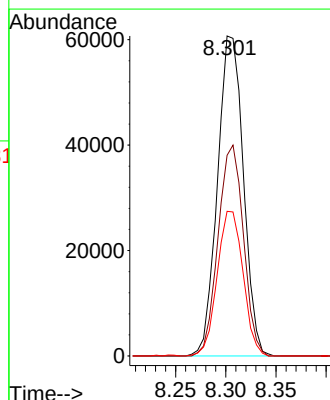
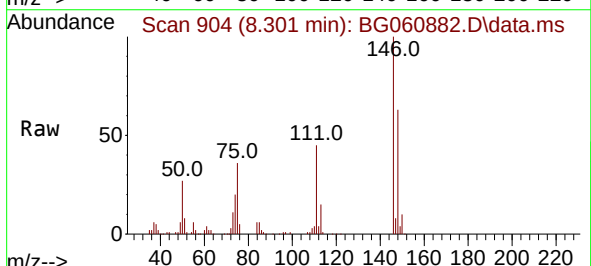
Tgt Ion:146 Resp: 108927

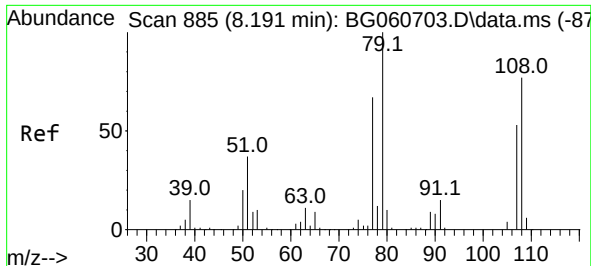
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

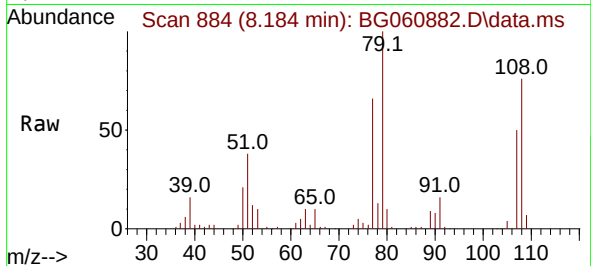
111 45.2 36.0 54.0





#15
Benzyl Alcohol
Concen: 19.218 ng
RT: 8.184 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

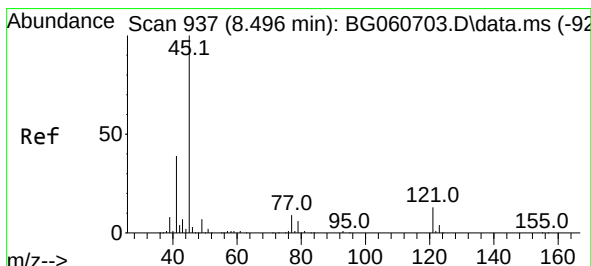
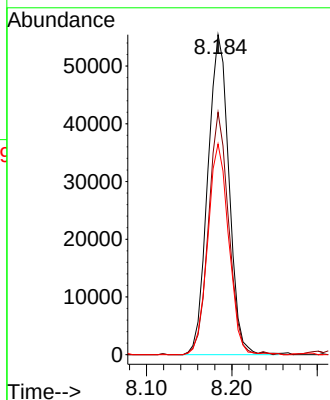
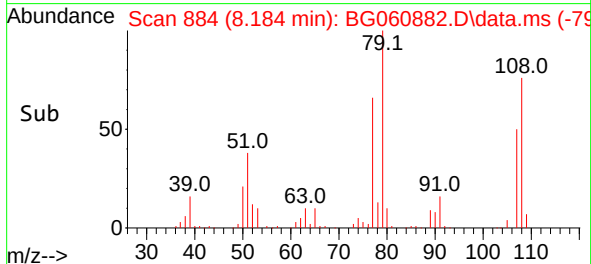
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion: 79 Resp: 9570
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 65.8 53.6 80.4

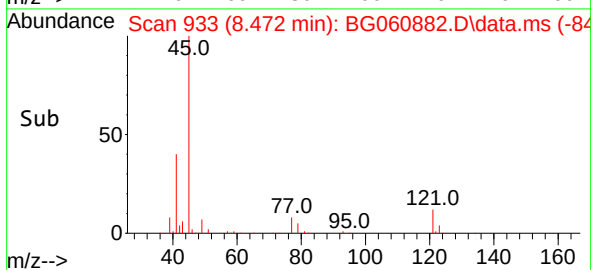
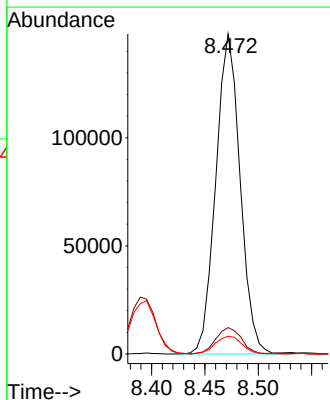
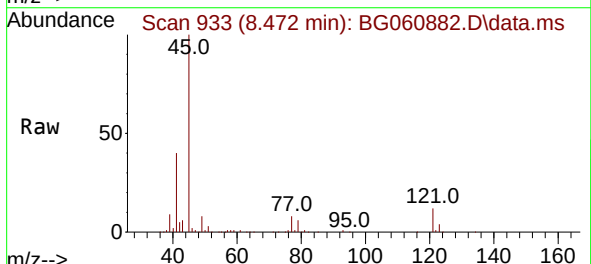
Manual Integrations
APPROVED

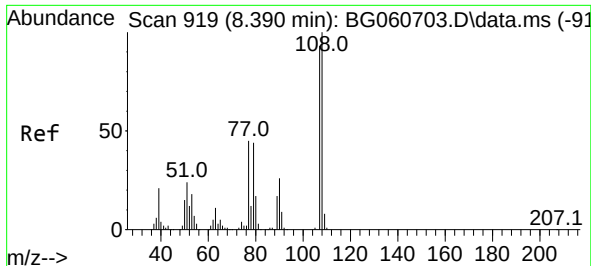
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-chloropropane)
Concen: 20.488 ng
RT: 8.472 min Scan# 933
Delta R.T. -0.024 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

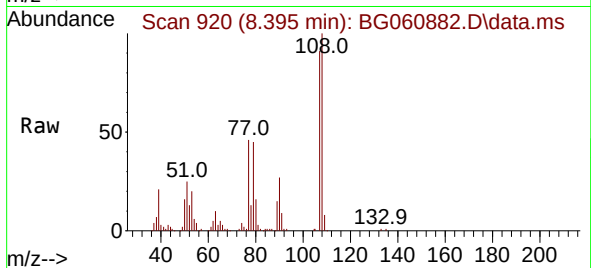
Tgt Ion: 45 Resp: 234206
Ion Ratio Lower Upper
45 100
77 8.2 0.0 29.1
79 5.6 0.0 26.5





#17
2-Methylphenol
Concen: 18.315 ng
RT: 8.395 min Scan# 919
Delta R.T. 0.005 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

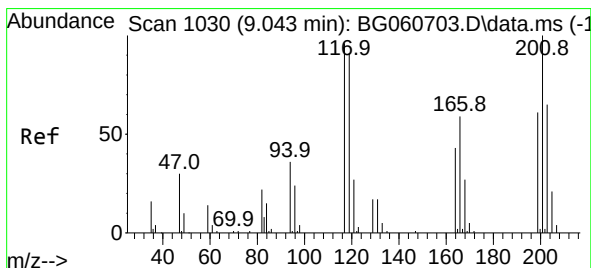
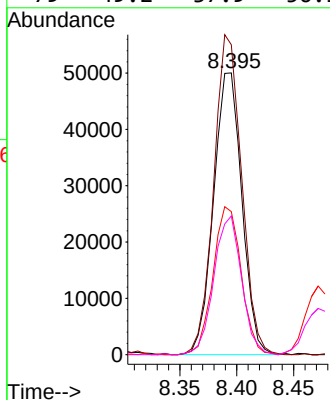
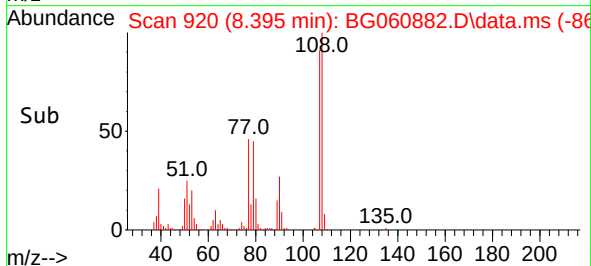
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:	107	Resp:	8674
Ion Ratio	Lower	Upper	
107	100		
108	110.0	86.4	129.6
77	50.8	38.6	58.0
79	49.2	37.9	56.9

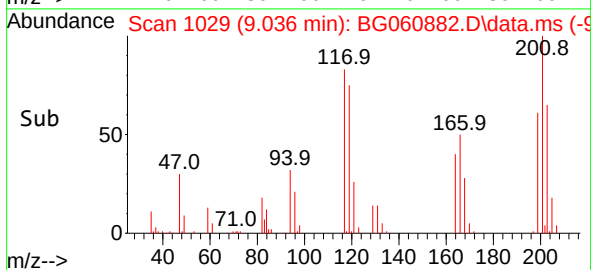
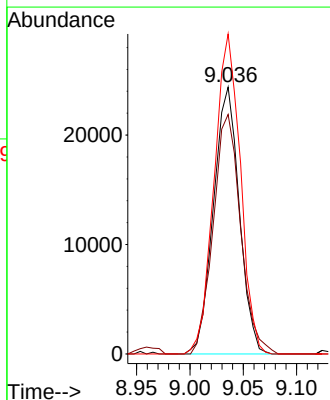
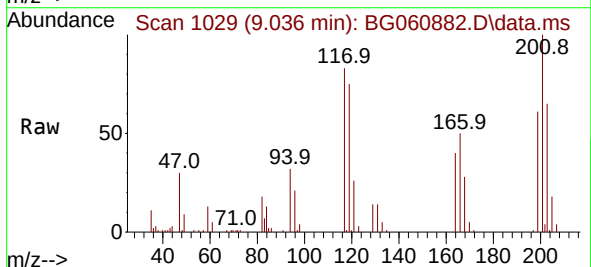
Manual Integrations
APPROVED

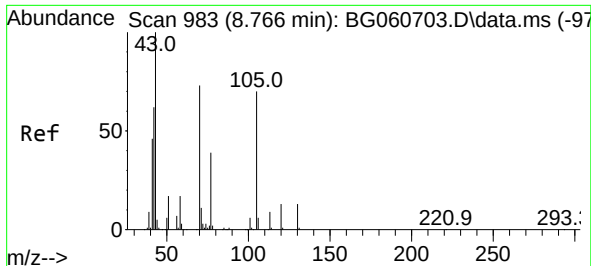
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#18
Hexachloroethane
Concen: 23.185 ng
RT: 9.036 min Scan# 1029
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

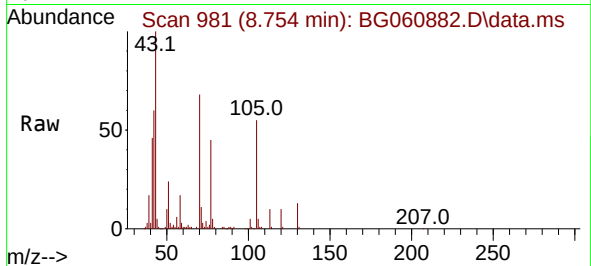
Tgt Ion:	117	Resp:	41018
Ion Ratio	Lower	Upper	
117	100		
119	89.7	75.7	113.5
201	119.9	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 17.595 ng
RT: 8.754 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

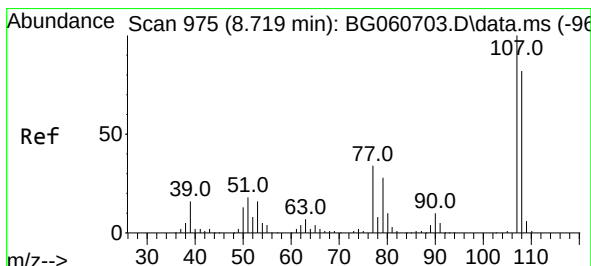
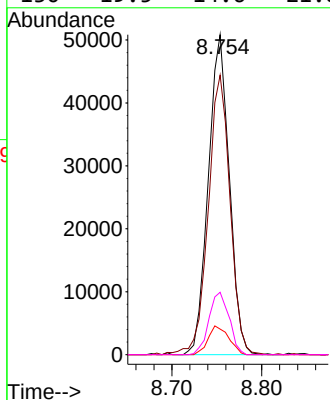
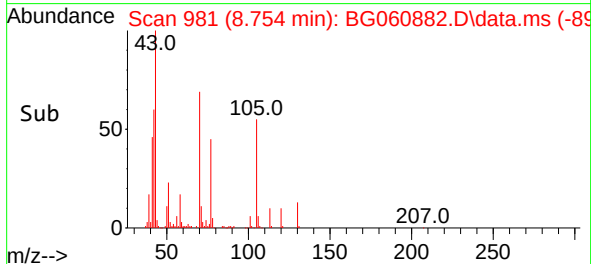
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion: 70 Resp: 82486
Ion Ratio Lower Upper
70 100
42 87.4 68.4 102.6
101 8.0 6.1 9.1
130 19.5 14.6 21.8

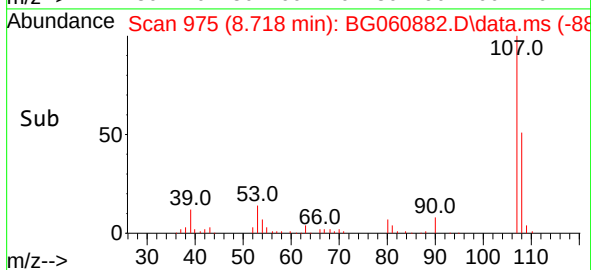
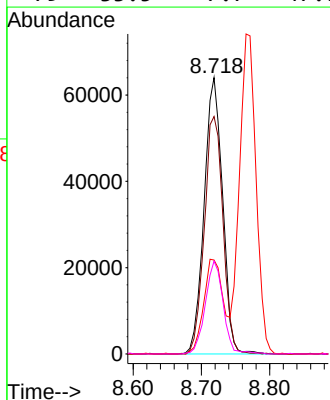
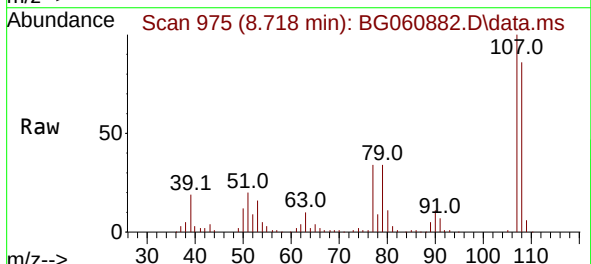
Manual Integrations
APPROVED

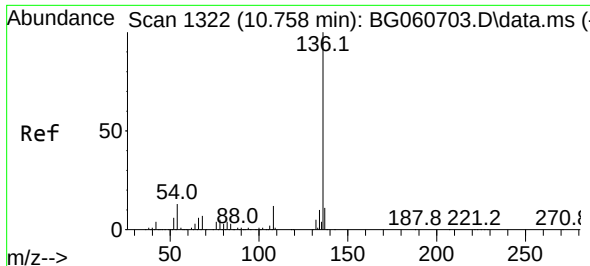
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#20
3+4-Methylphenols
Concen: 18.556 ng
RT: 8.718 min Scan# 975
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

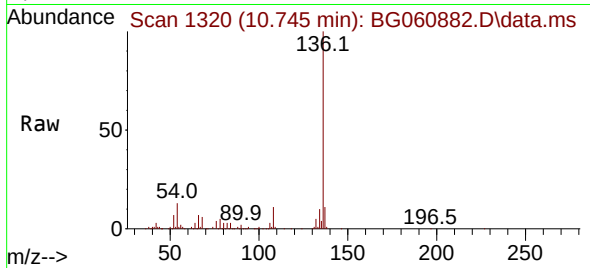
Tgt Ion:107 Resp: 120349
Ion Ratio Lower Upper
107 100
108 85.9 62.2 102.2
77 34.0 14.1 54.1
79 33.5 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1322
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

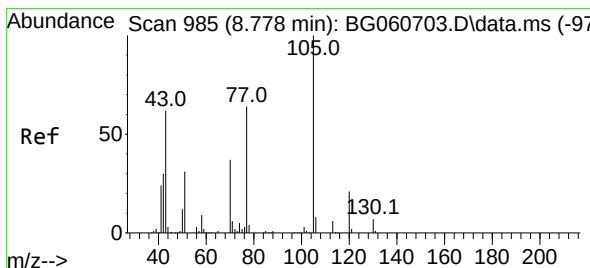
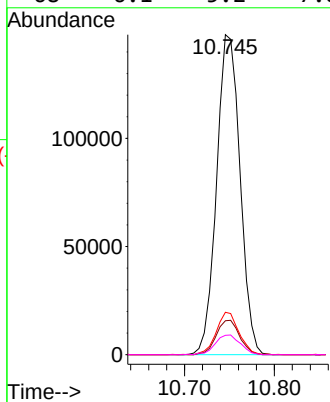
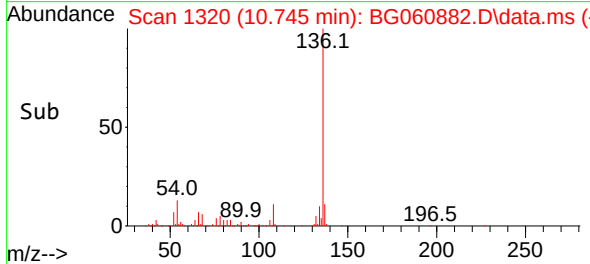
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:136 Resp: 26836
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 13.3 10.2 15.2
68 6.1 5.2 7.8

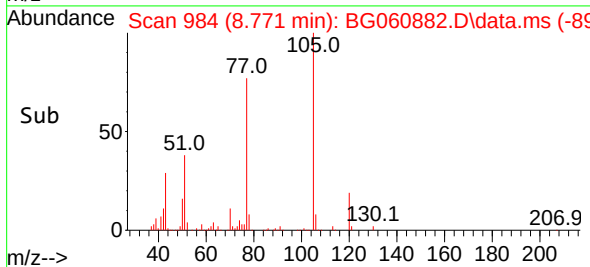
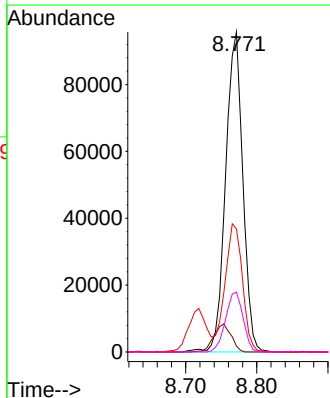
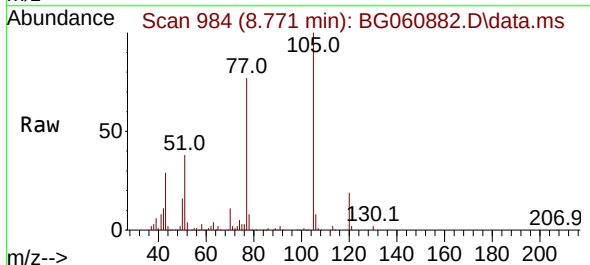
Manual Integrations
APPROVED

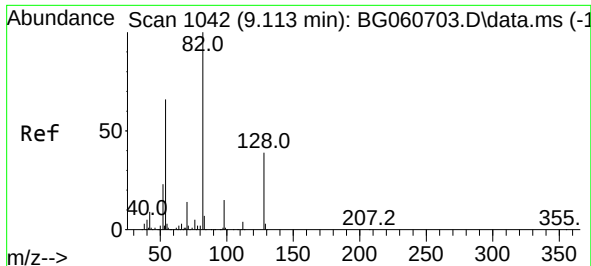
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 21.729 ng
RT: 8.771 min Scan# 984
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

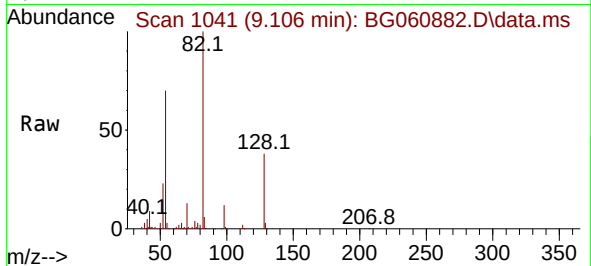
Tgt Ion:105 Resp: 160789
Ion Ratio Lower Upper
105 100
71 1.8 4.9 7.3#
51 38.4 31.1 46.7
120 18.7 17.0 25.4





#23
Nitrobenzene-d5
Concen: 35.160 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

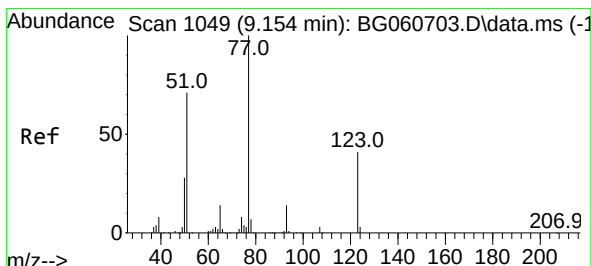
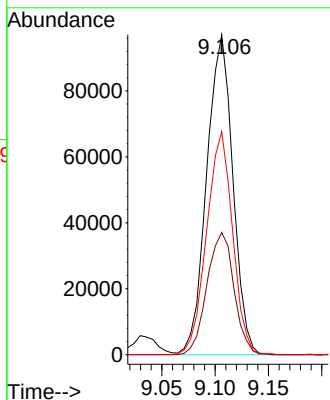
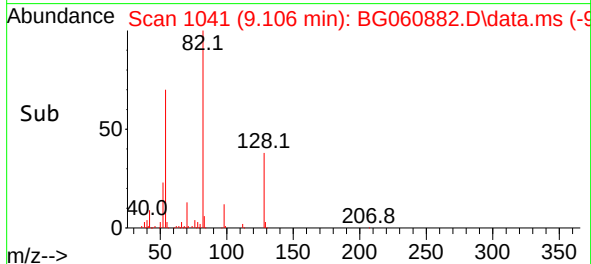
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



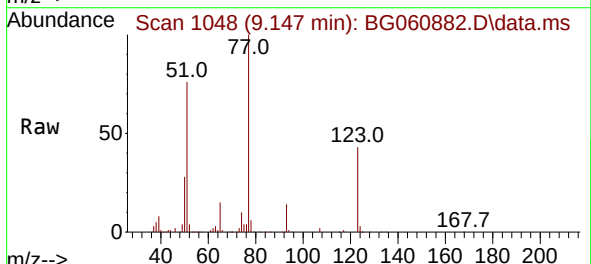
Tgt Ion: 82 Resp: 165358
Ion Ratio Lower Upper
82 100
128 38.2 31.2 46.8
54 69.7 53.2 79.8

Manual Integrations
APPROVED

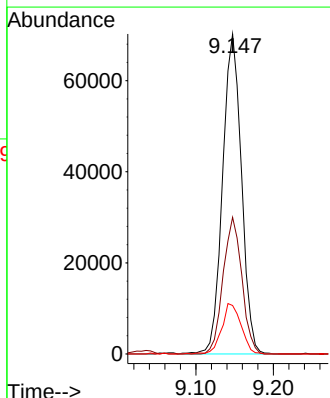
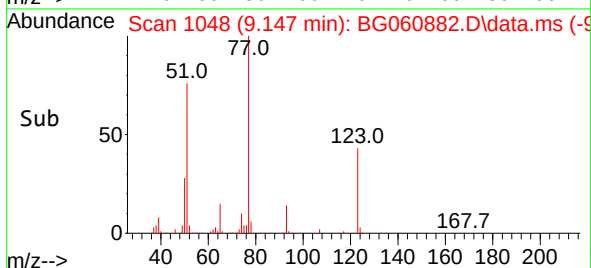
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

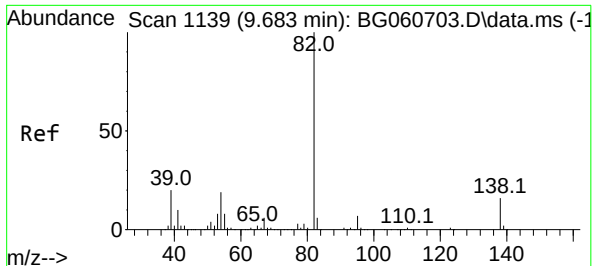


#24
Nitrobenzene
Concen: 24.168 ng
RT: 9.147 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25



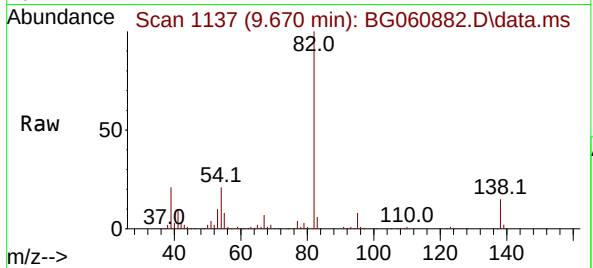
Tgt Ion: 77 Resp: 118871
Ion Ratio Lower Upper
77 100
123 42.7 32.7 49.1
65 15.2 11.3 16.9





#25
Isophorone
Concen: 20.337 ng
RT: 9.670 min Scan# 1137
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

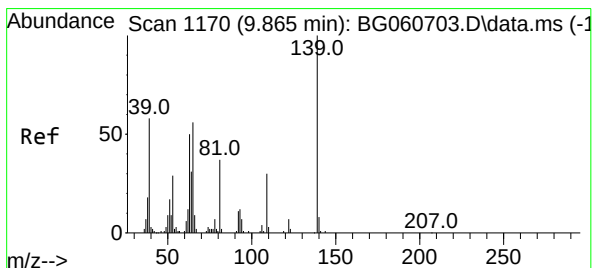
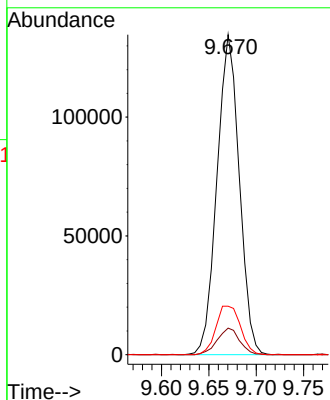
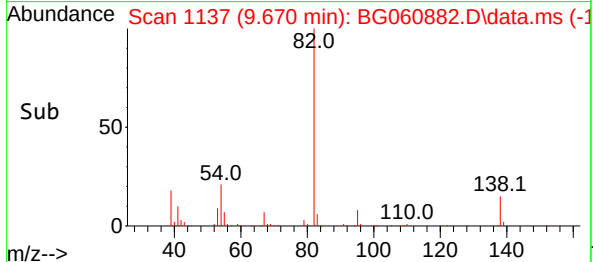
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion: 82 Resp: 220294
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.8
138 15.1 13.0 19.4

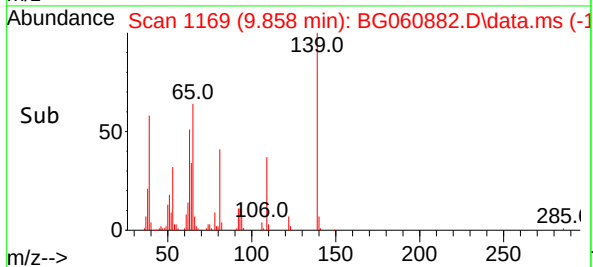
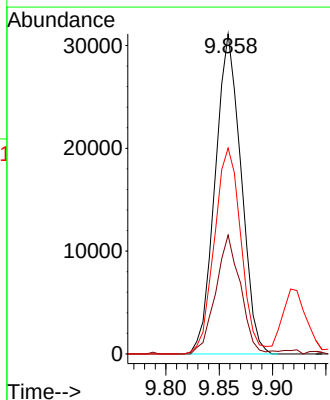
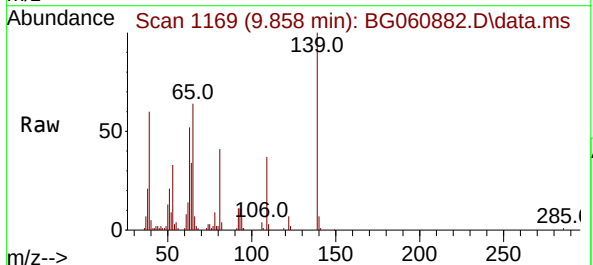
Manual Integrations
APPROVED

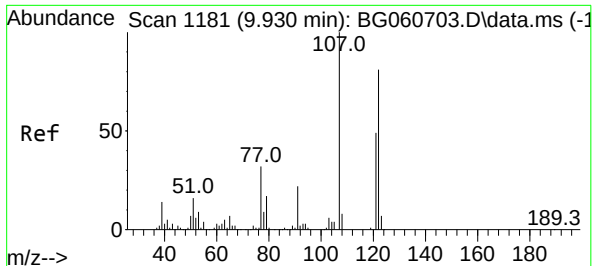
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 31.318 ng
RT: 9.858 min Scan# 1169
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

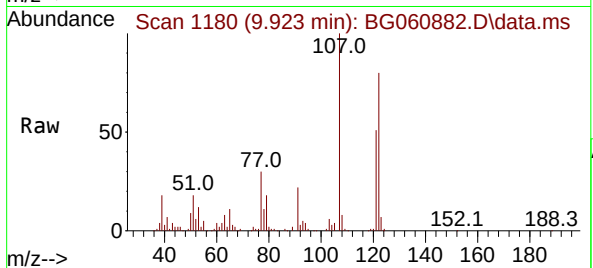
Tgt Ion:139 Resp: 52456
Ion Ratio Lower Upper
139 100
109 37.2 23.9 35.9#
65 64.4 44.5 66.7





#27
2,4-Dimethylphenol
Concen: 16.990 ng
RT: 9.923 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

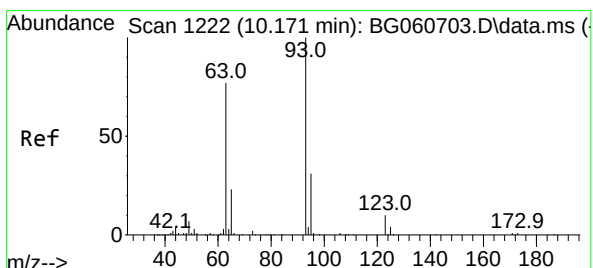
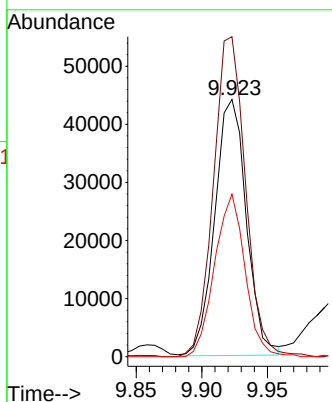
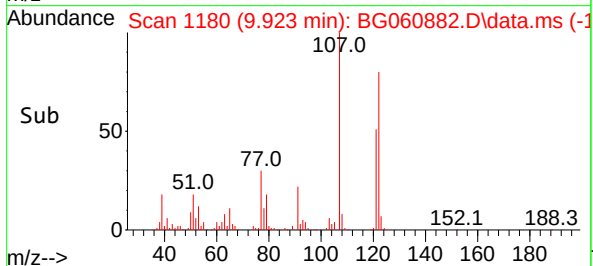
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:122 Resp: 73929
Ion Ratio Lower Upper
122 100
107 124.4 98.6 147.8
121 63.2 48.1 72.1

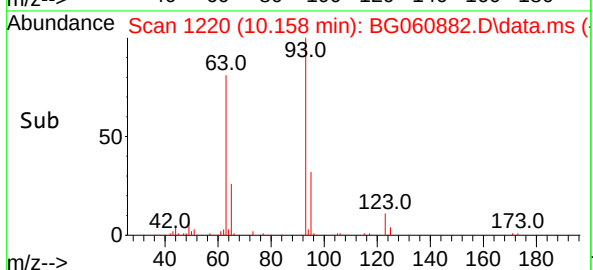
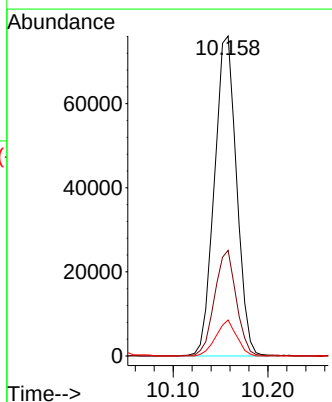
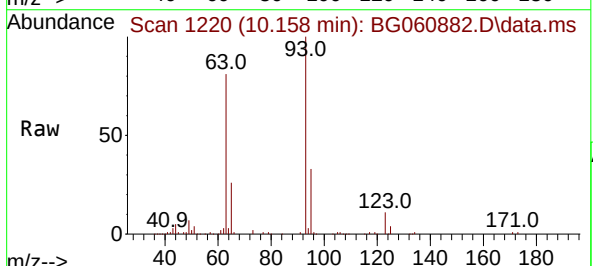
Manual Integrations
APPROVED

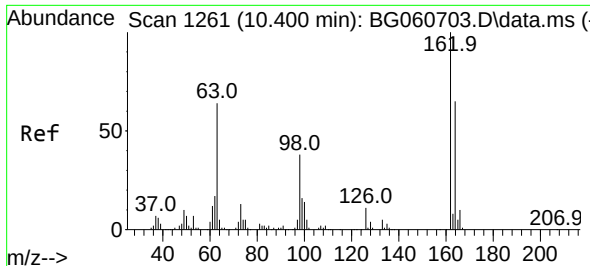
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#28
bis(2-Chloroethoxy)methane
Concen: 19.327 ng
RT: 10.158 min Scan# 1220
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

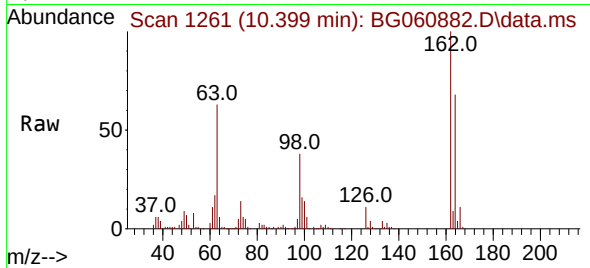
Tgt Ion: 93 Resp: 123604
Ion Ratio Lower Upper
93 100
95 33.0 25.1 37.7
123 11.2 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 24.773 ng
RT: 10.399 min Scan# 1261
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

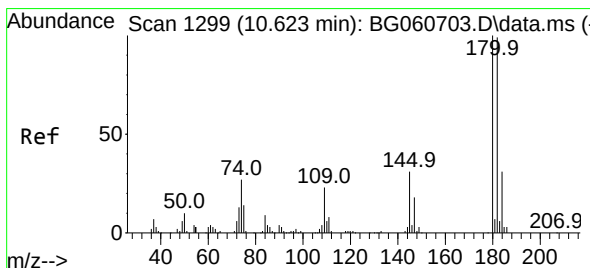
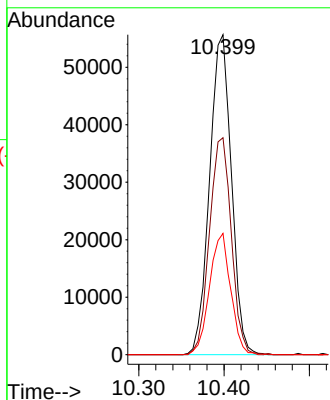
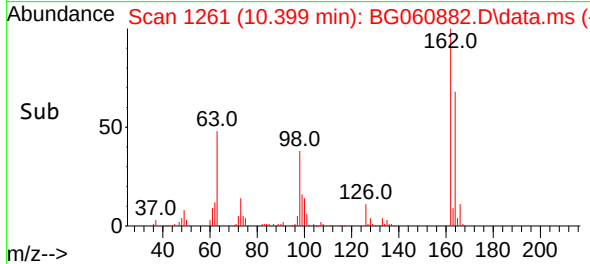
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:162 Resp: 98989
Ion Ratio Lower Upper
162 100
164 67.8 45.2 85.2
98 37.9 17.7 57.7

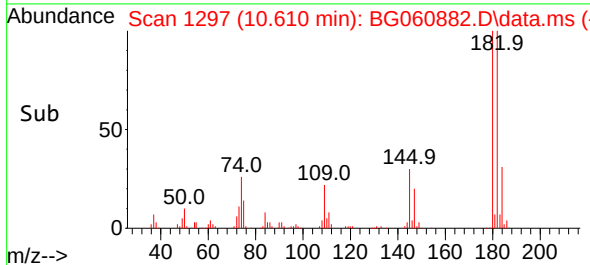
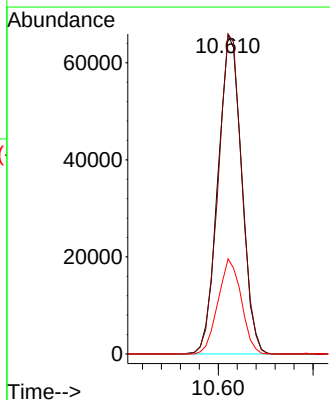
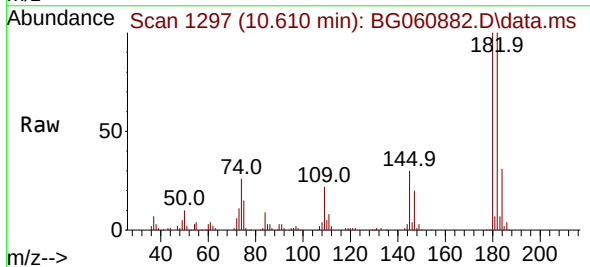
Manual Integrations
APPROVED

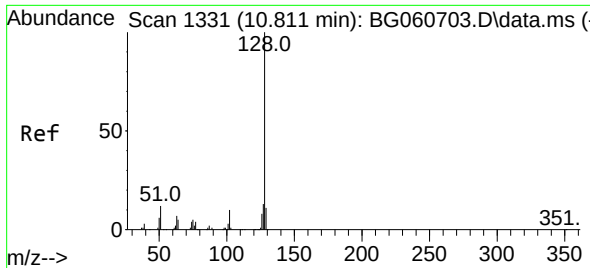
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 25.282 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

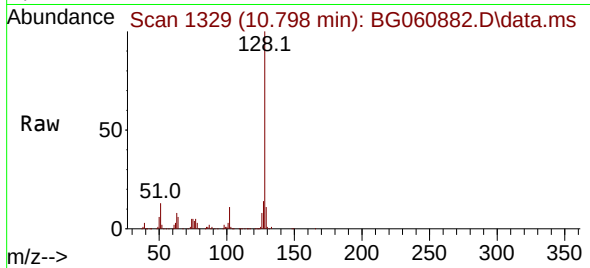
Tgt Ion:180 Resp: 114391
Ion Ratio Lower Upper
180 100
182 100.2 79.0 118.4
145 29.8 24.9 37.3





#31
Naphthalene
Concen: 23.384 ng
RT: 10.798 min Scan# 1199
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

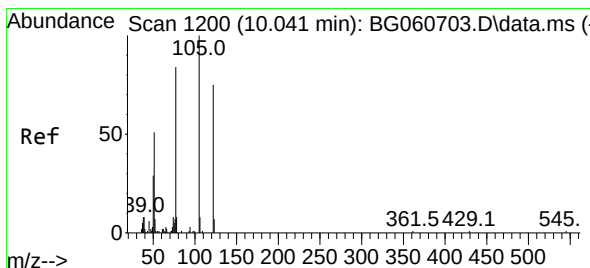
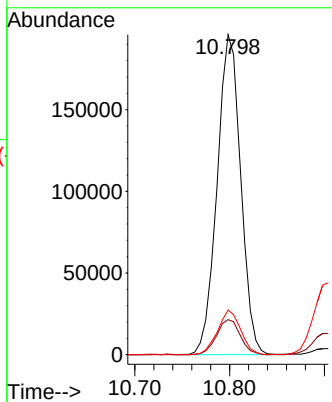
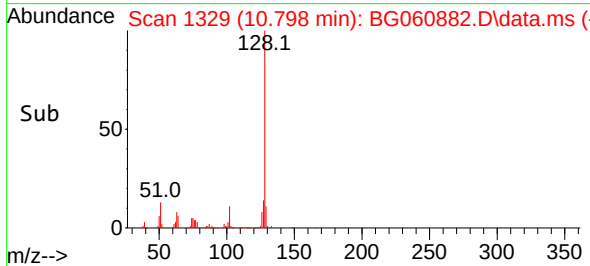
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:128 Resp: 339470
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 14.0 10.5 15.7

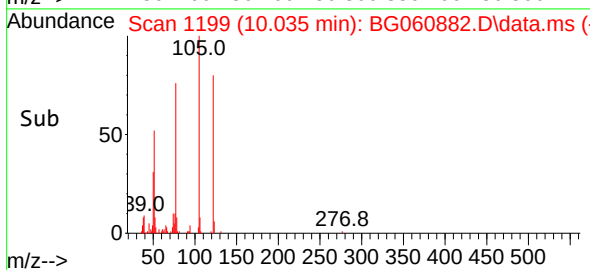
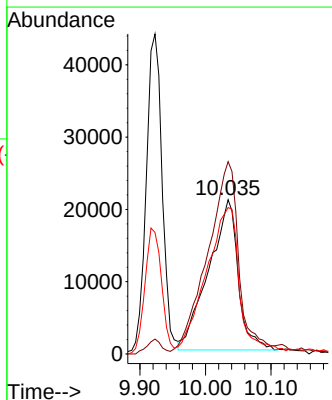
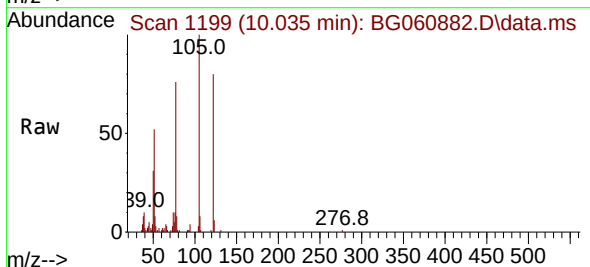
Manual Integrations
APPROVED

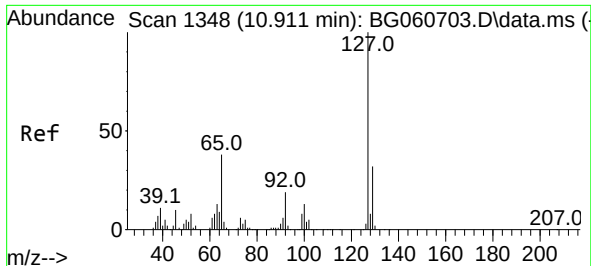
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#32
Benzoic acid
Concen: 26.101 ng m
RT: 10.035 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

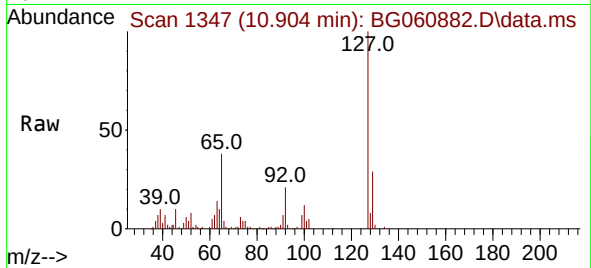
Tgt Ion:122 Resp: 65036
Ion Ratio Lower Upper
122 100
105 124.7 104.5 144.5
77 94.9 85.3 125.3





#33
4-Chloroaniline
Concen: 11.932 ng
RT: 10.904 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

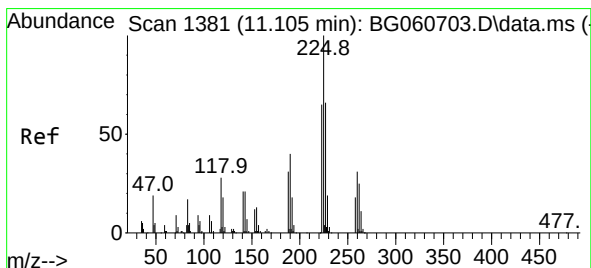
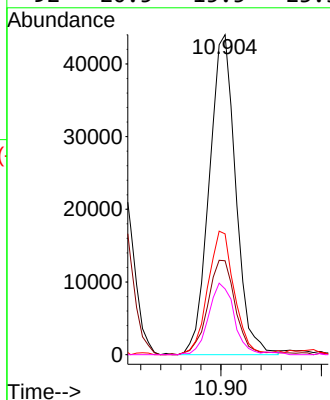
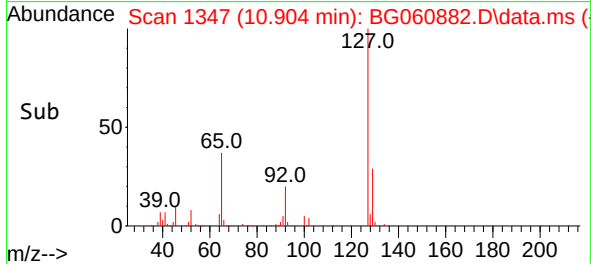
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:	127	Resp:	8045
Ion Ratio	Lower	Upper	
127	100		
129	29.4	25.3	37.9
65	37.8	30.2	45.2
92	20.5	15.5	23.3

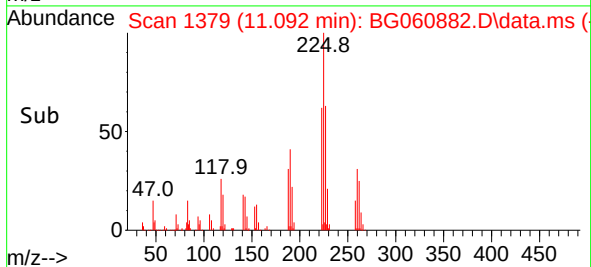
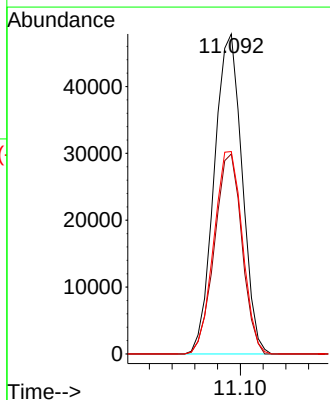
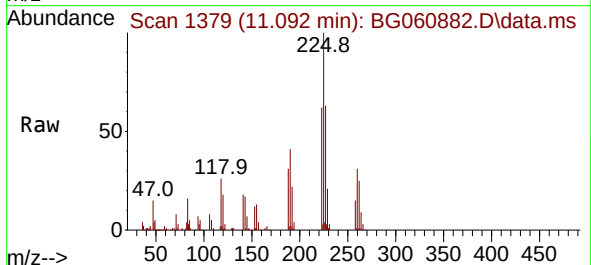
Manual Integrations
APPROVED

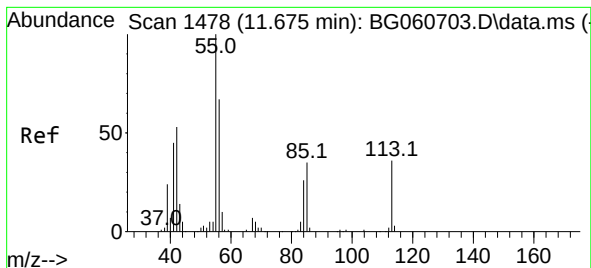
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#34
Hexachlorobutadiene
Concen: 27.020 ng
RT: 11.092 min Scan# 1379
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:	225	Resp:	81480
Ion Ratio	Lower	Upper	
225	100		
223	62.5	52.0	78.0
227	63.2	52.5	78.7





#35

Caprolactam

Concen: 18.720 ng

RT: 11.668 min Scan# 1478

Delta R.T. -0.007 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MS

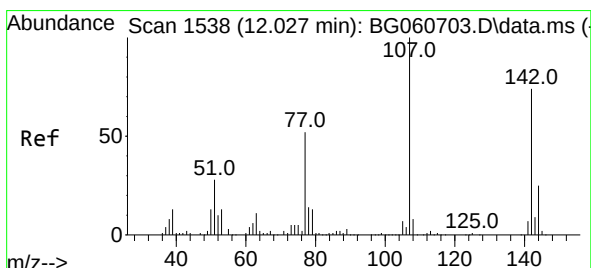
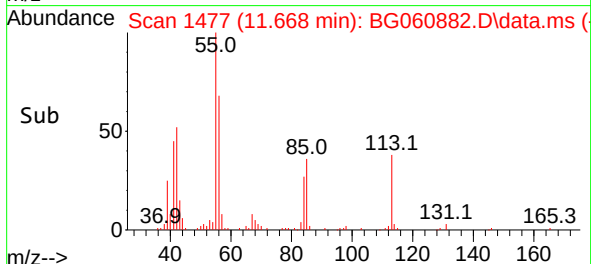
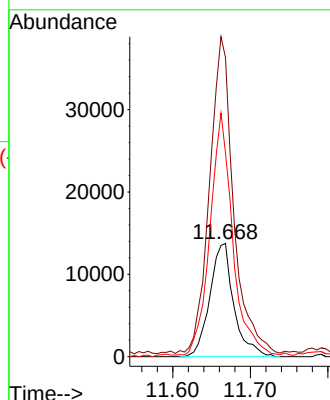
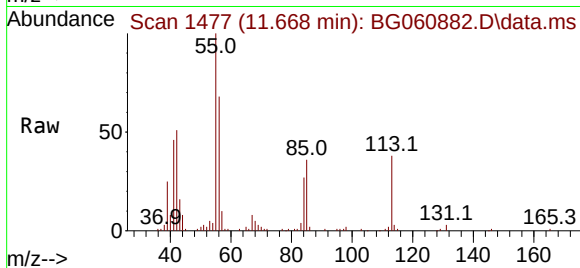
Tgt Ion:	113	Resp:	29620
Ion Ratio	Lower	Upper	
113	100		
55	264.2	258.0	298.0
56	180.0	166.3	206.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#36

4-Chloro-3-methylphenol

Concen: 21.729 ng

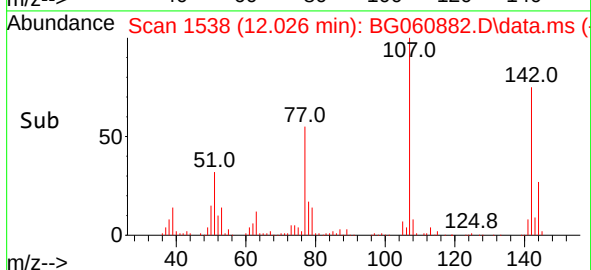
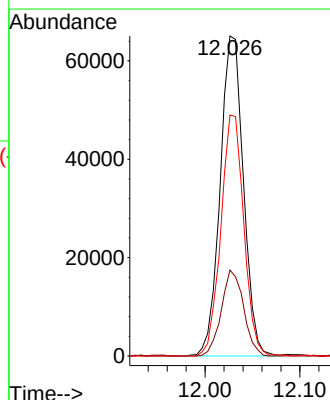
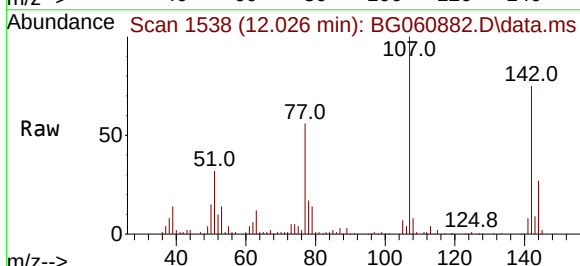
RT: 12.026 min Scan# 1538

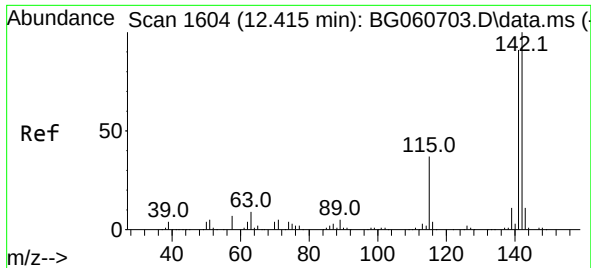
Delta R.T. -0.001 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

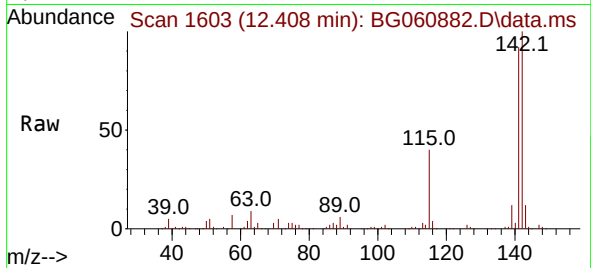
Tgt Ion:	107	Resp:	110916
Ion Ratio	Lower	Upper	
107	100		
144	26.9	20.0	30.0
142	75.3	59.2	88.8





#37
2-Methylnaphthalene
Concen: 22.325 ng
RT: 12.408 min Scan# 1603
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

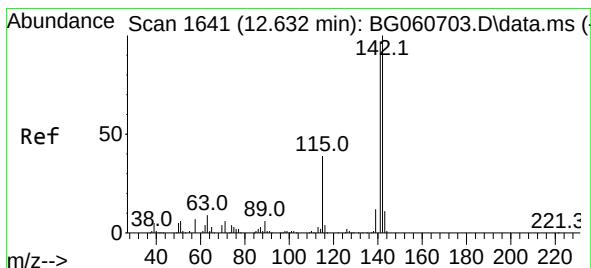
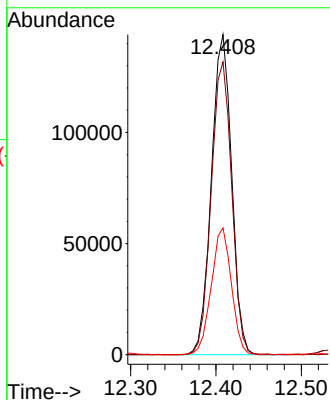
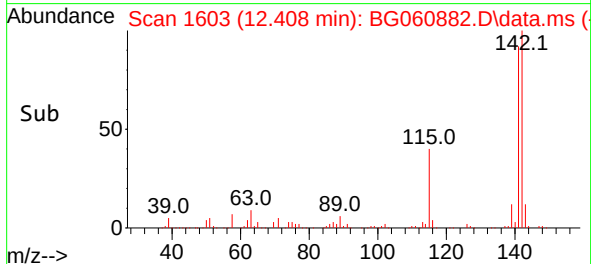
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:142 Resp: 238272
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1
115 39.6 29.9 44.9

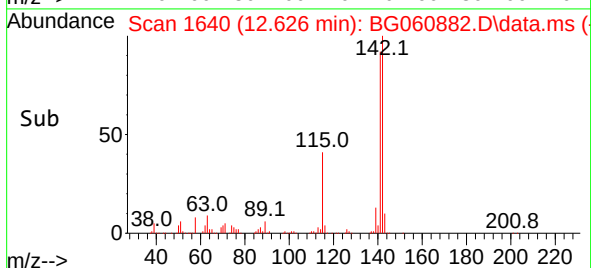
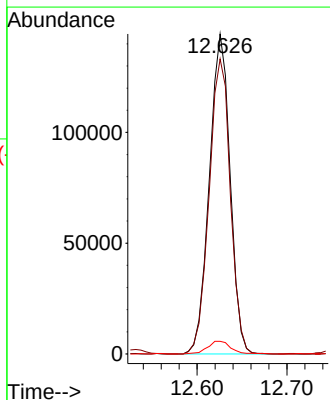
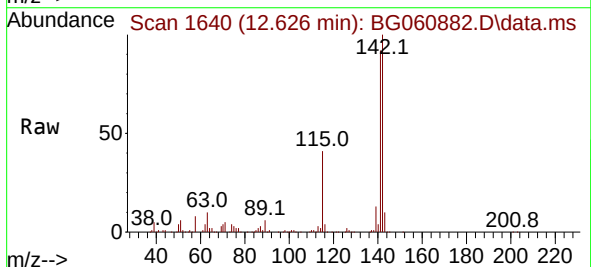
Manual Integrations
APPROVED

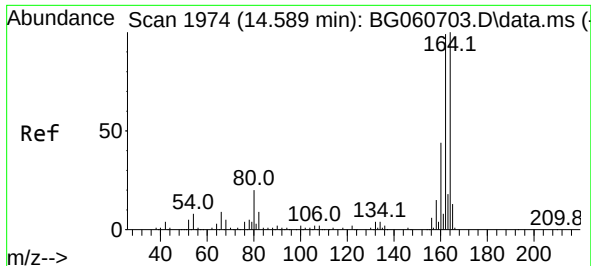
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#38
1-Methylnaphthalene
Concen: 22.990 ng
RT: 12.626 min Scan# 1640
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

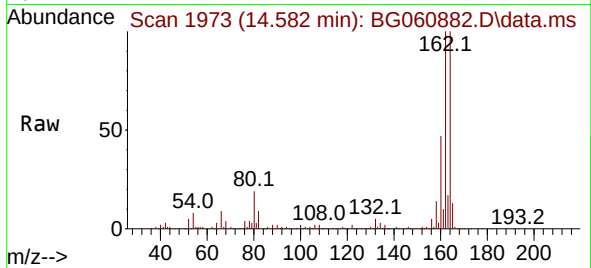
Tgt Ion:142 Resp: 231800
Ion Ratio Lower Upper
142 100
141 92.2 77.7 116.5
116 3.9 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1974
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

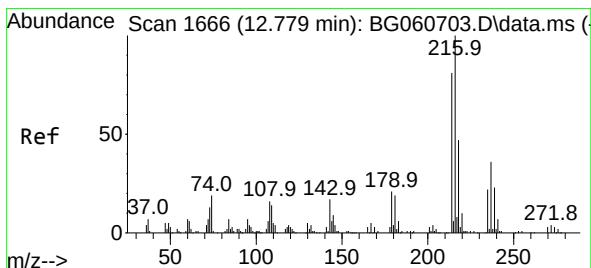
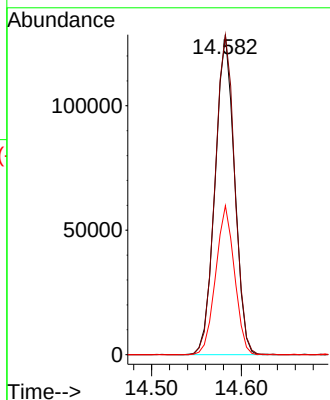
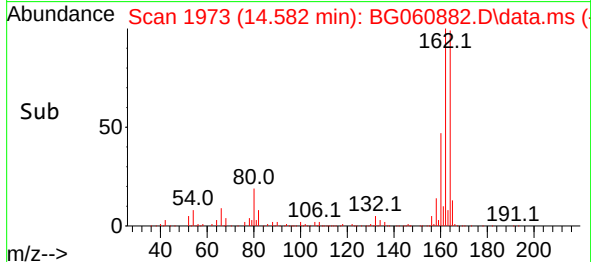
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:164 Resp: 19274
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 46.6 35.4 53.0

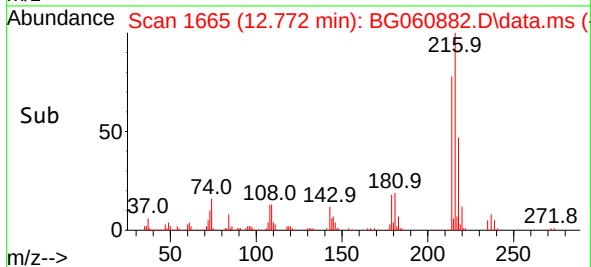
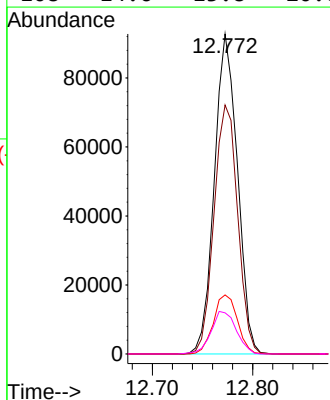
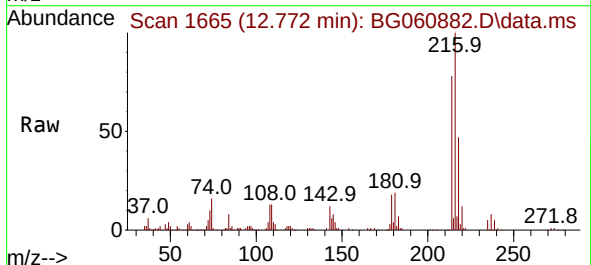
Manual Integrations
APPROVED

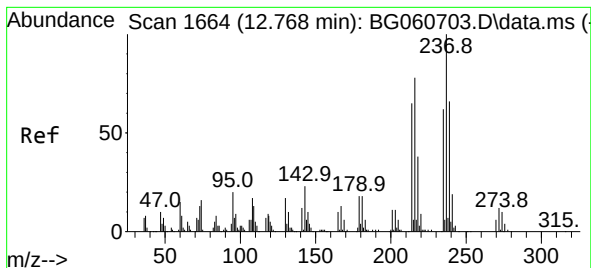
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.690 ng
RT: 12.772 min Scan# 1665
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:216 Resp: 147894
Ion Ratio Lower Upper
216 100
214 79.7 63.1 94.7
179 19.2 16.7 25.1
108 14.6 13.8 20.6





#41

Hexachlorocyclopentadiene

Concen: 13.239 ng

RT: 12.755 min Scan# 1

Delta R.T. -0.013 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MS

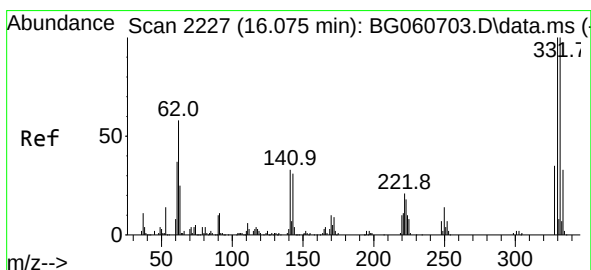
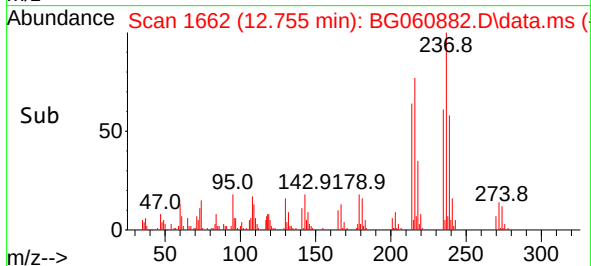
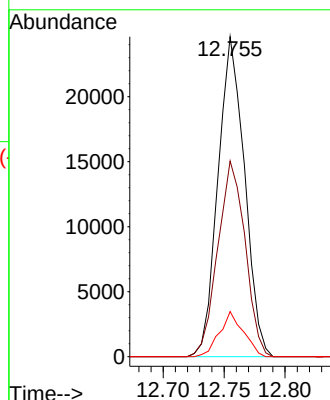
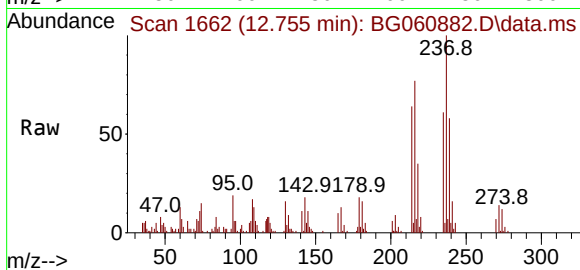
Tgt Ion:	237	Resp:	3730
Ion Ratio	Lower	Upper	
237	100		
235	61.1	42.0	82.0
272	14.1	0.0	32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#42

2,4,6-Tribromophenol

Concen: 56.975 ng

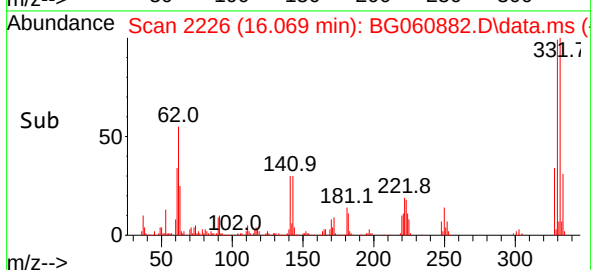
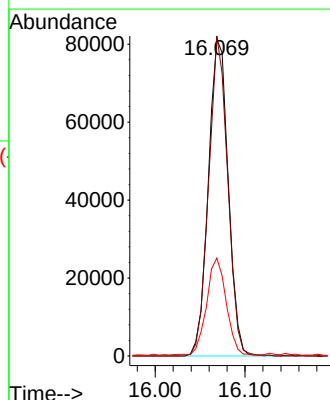
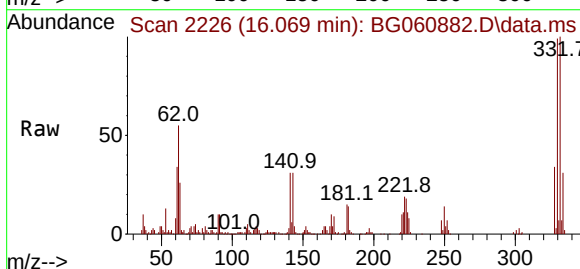
RT: 16.069 min Scan# 2226

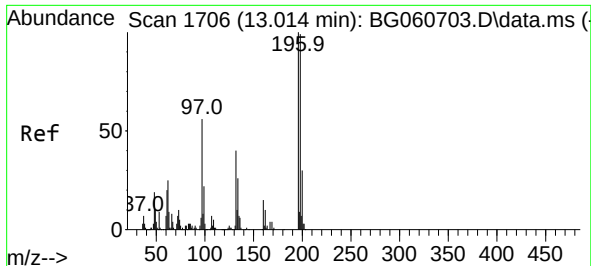
Delta R.T. -0.007 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Tgt Ion:	330	Resp:	124660
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.2	117.4
141	30.2	27.0	40.6





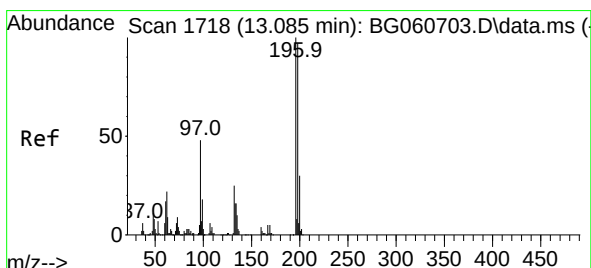
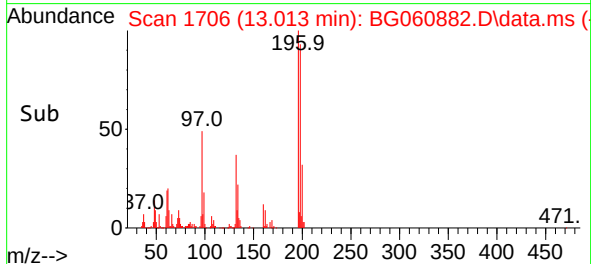
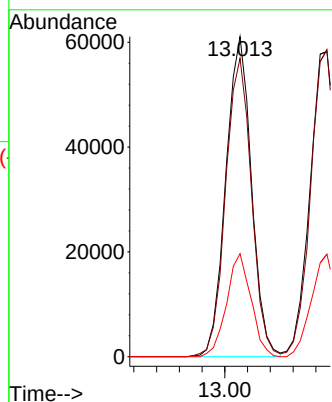
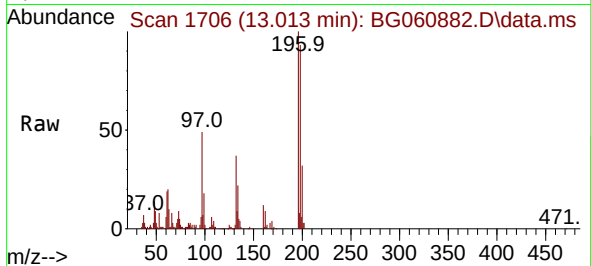
#43
2,4,6-Trichlorophenol
Concen: 26.772 ng
RT: 13.013 min Scan# 1706
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS

Tgt Ion:196 Resp: 9552
Ion Ratio Lower Upper
196 100
198 93.3 79.1 118.7
200 32.2 24.0 36.0

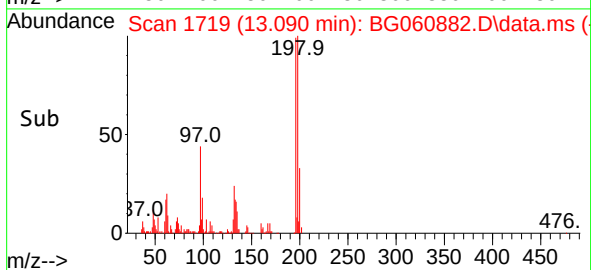
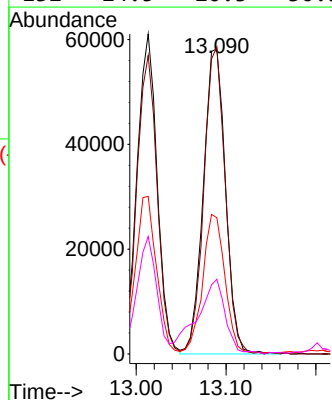
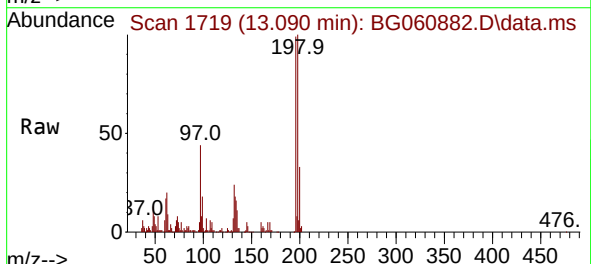
Manual Integrations
APPROVED

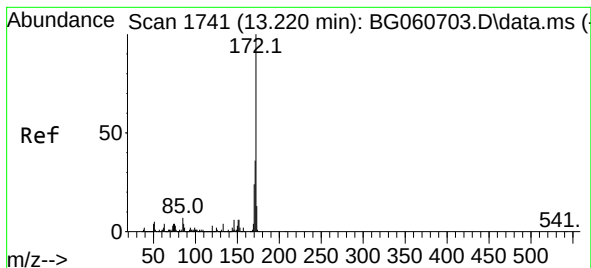
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#44
2,4,5-Trichlorophenol
Concen: 23.532 ng
RT: 13.090 min Scan# 1719
Delta R.T. 0.005 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

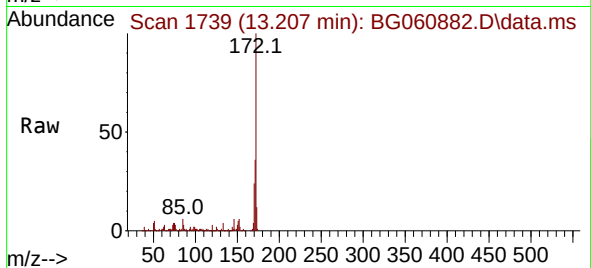
Tgt Ion:196 Resp: 100200
Ion Ratio Lower Upper
196 100
198 100.6 77.8 116.8
97 44.7 38.2 57.4
132 24.5 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 29.414 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

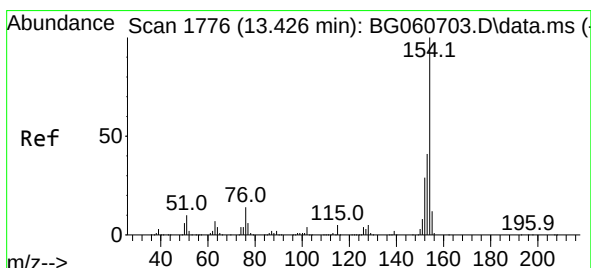
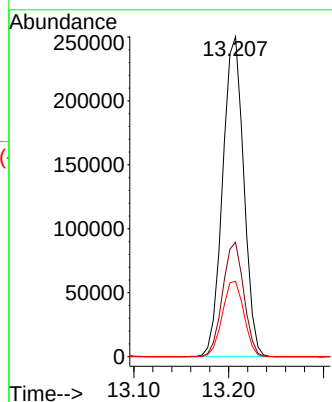
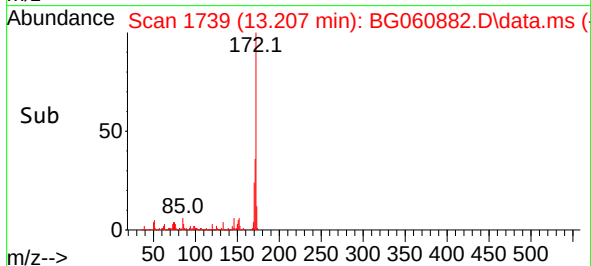
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



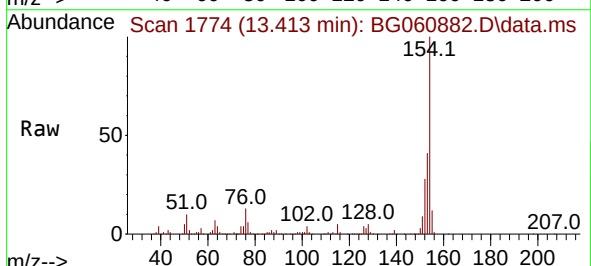
Tgt Ion:172 Resp: 38630
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.6 19.4 29.0

Manual Integrations
APPROVED

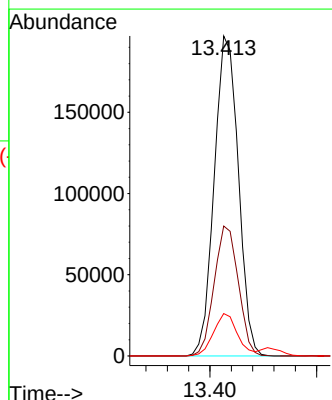
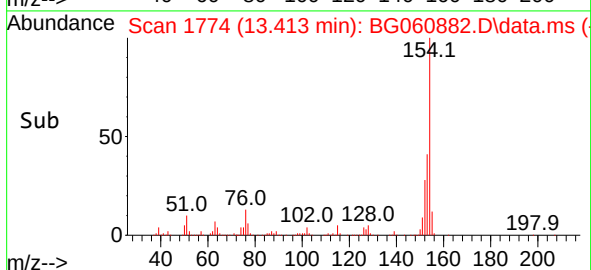
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

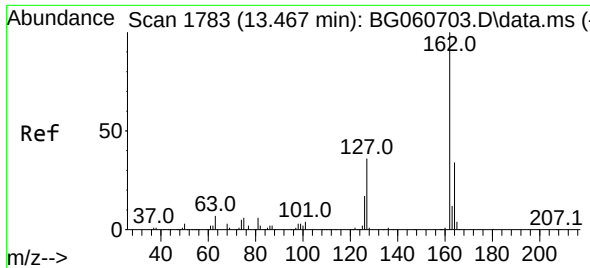


#46
1,1'-Biphenyl
Concen: 22.670 ng
RT: 13.413 min Scan# 1774
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25



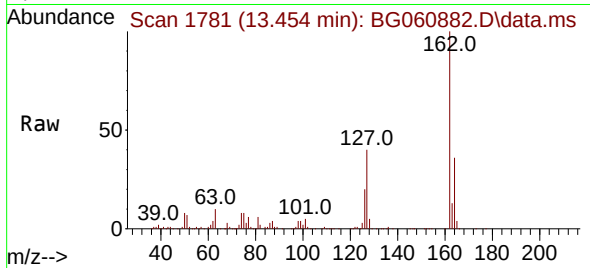
Tgt Ion:154 Resp: 308641
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 13.2 0.0 33.9





#47
2-Chloronaphthalene
Concen: 22.762 ng
RT: 13.454 min Scan# 1783
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

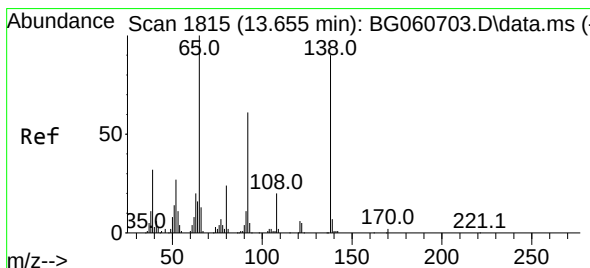
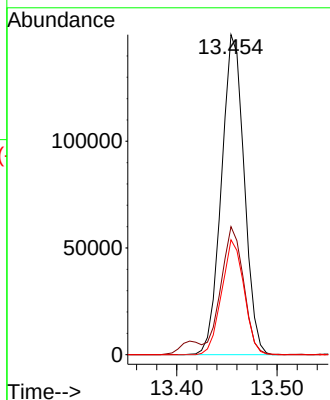
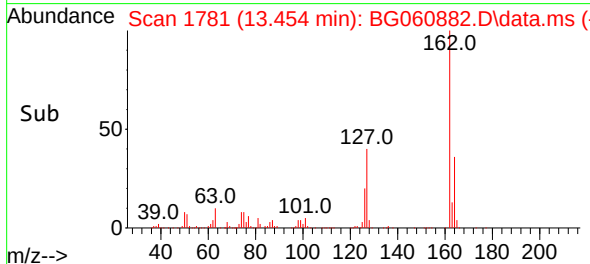
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:162 Resp: 235449
Ion Ratio Lower Upper
162 100
127 40.0 30.6 46.0
164 35.9 26.9 40.3

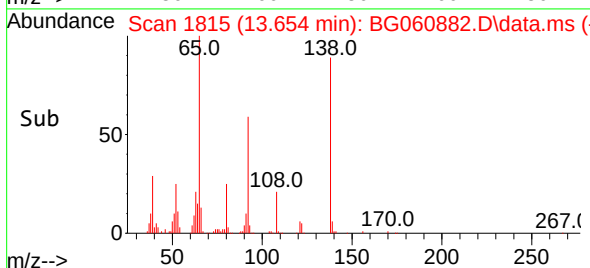
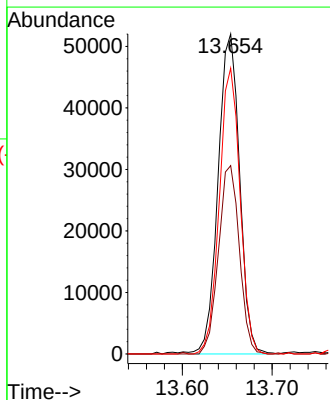
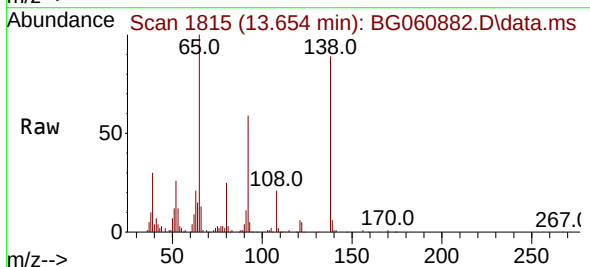
Manual Integrations
APPROVED

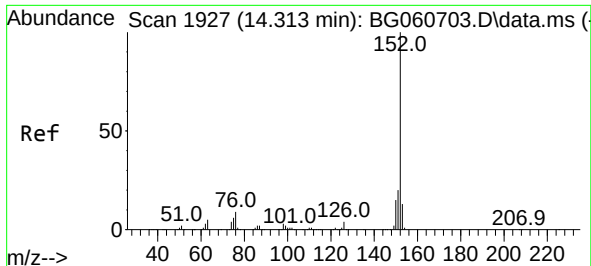
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#48
2-Nitroaniline
Concen: 28.324 ng
RT: 13.654 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

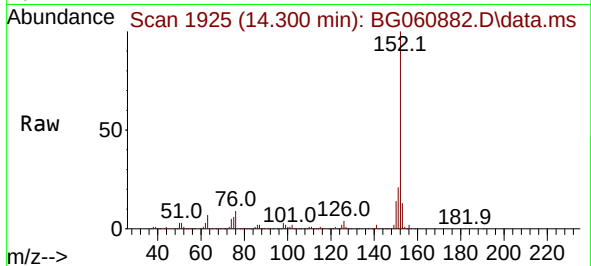
Tgt Ion: 65 Resp: 86575
Ion Ratio Lower Upper
65 100
92 58.8 48.6 72.8
138 89.3 72.2 108.4





#49
Acenaphthylene
Concen: 24.178 ng
RT: 14.300 min Scan# 1927
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

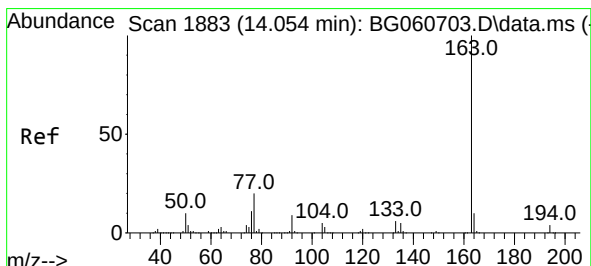
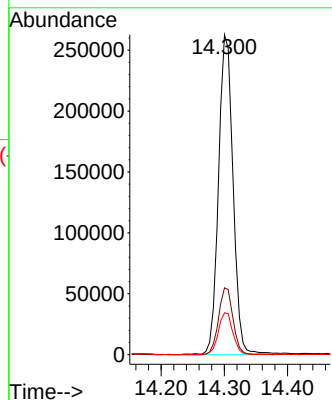
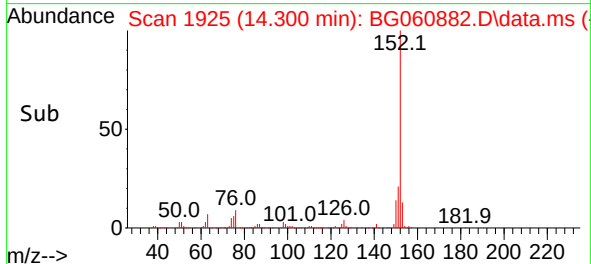
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:152 Resp: 420224
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.1 10.5 15.7

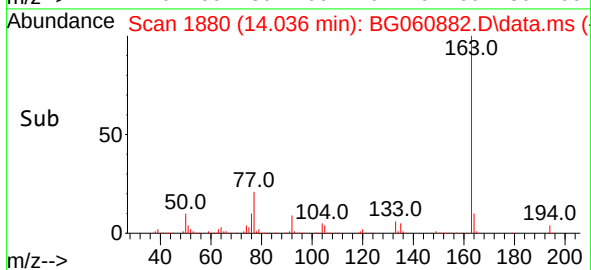
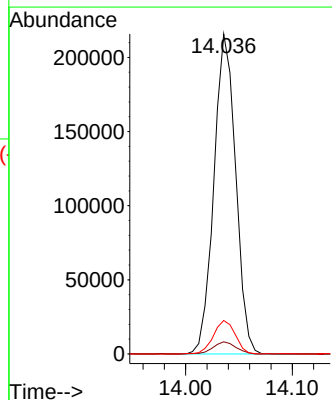
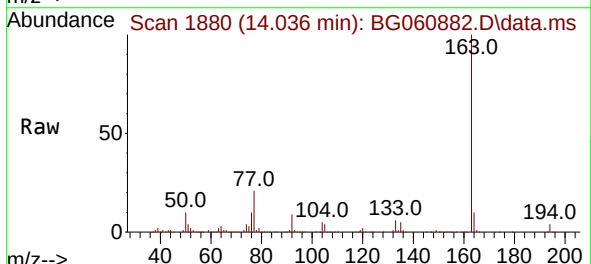
Manual Integrations
APPROVED

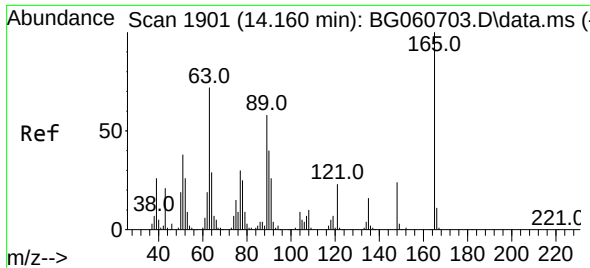
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#50
Dimethylphthalate
Concen: 20.101 ng
RT: 14.036 min Scan# 1880
Delta R.T. -0.018 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:163 Resp: 306230
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 7.9 11.9





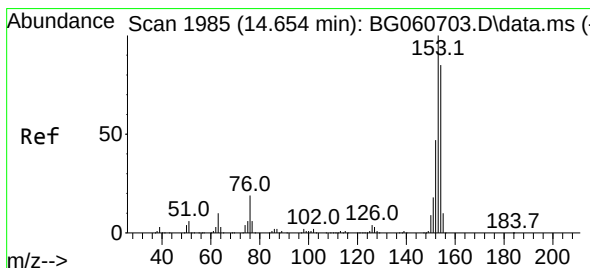
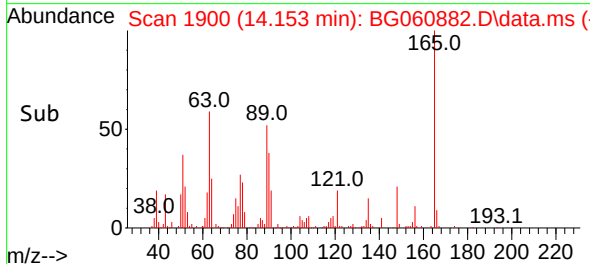
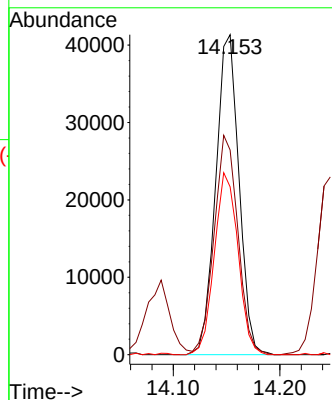
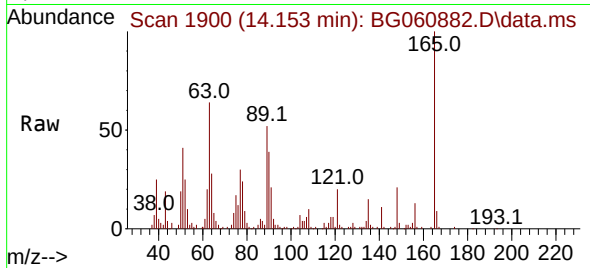
#51
2,6-Dinitrotoluene
Concen: 24.724 ng
RT: 14.153 min Scan# 1901
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS

Tgt Ion:165 Resp: 6245
Ion Ratio Lower Upper
165 100
63 63.9 58.2 87.4
89 52.5 46.1 69.1

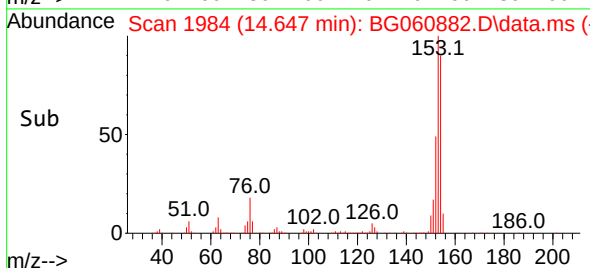
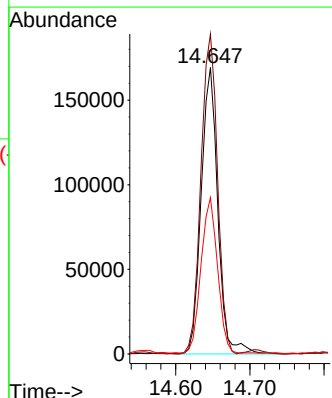
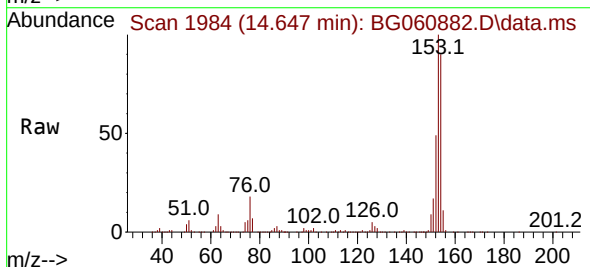
Manual Integrations
APPROVED

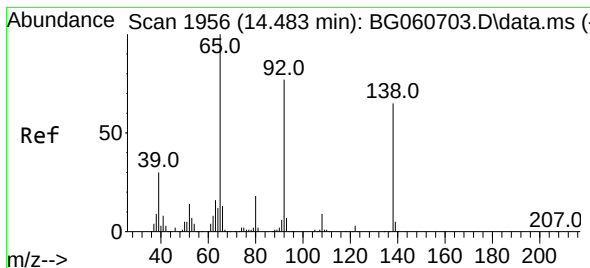
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#52
Acenaphthene
Concen: 24.176 ng
RT: 14.647 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:154 Resp: 263822
Ion Ratio Lower Upper
154 100
153 111.7 93.9 140.9
152 54.6 44.1 66.1





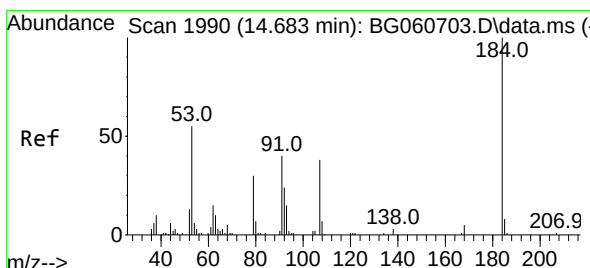
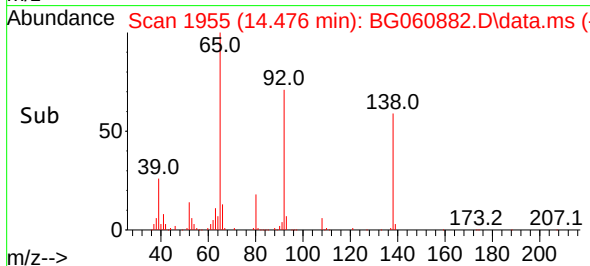
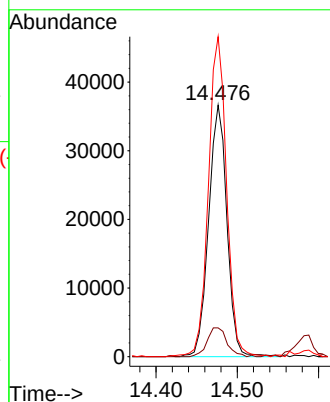
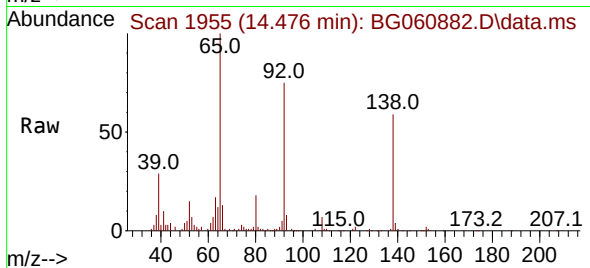
#53
3-Nitroaniline
Concen: 20.879 ng
RT: 14.476 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS

Tgt Ion:138 Resp: 57352
Ion Ratio Lower Upper
138 100
108 11.5 11.3 16.9
92 127.2 94.1 141.1

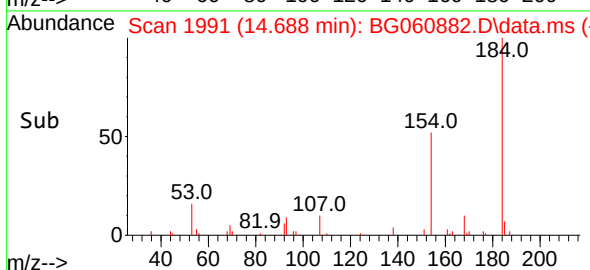
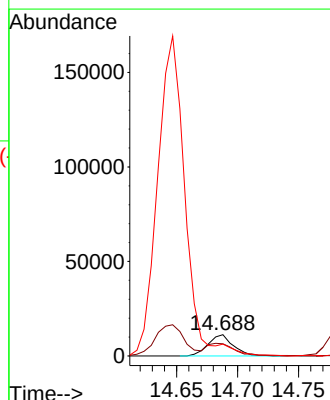
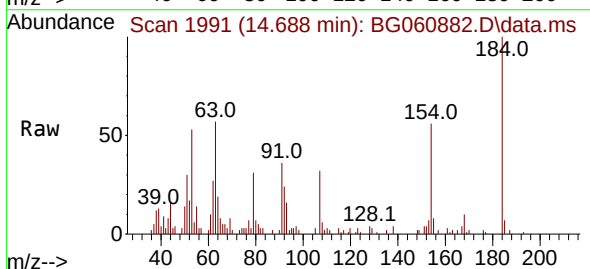
Manual Integrations
APPROVED

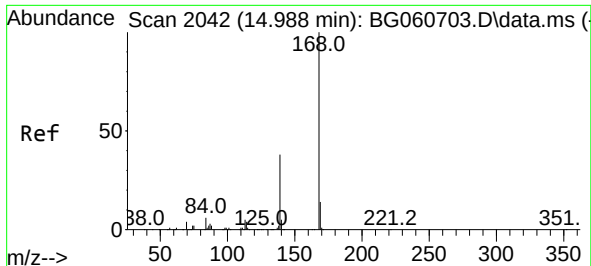
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#54
2,4-Dinitrophenol
Concen: 15.065 ng
RT: 14.688 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

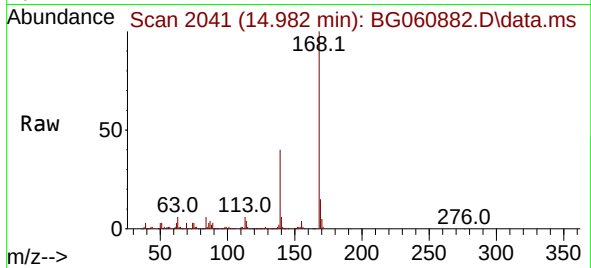
Tgt Ion:184 Resp: 15976
Ion Ratio Lower Upper
184 100
63 57.0 51.3 76.9
154 56.0 59.9 89.9#





#55
Dibenzenofuran
Concen: 23.832 ng
RT: 14.982 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

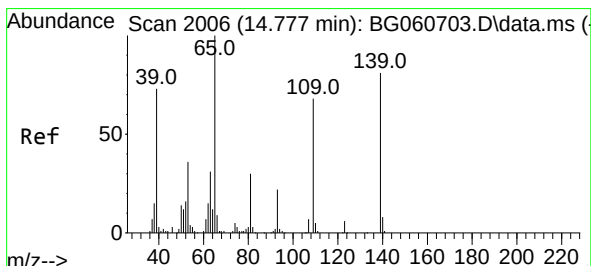
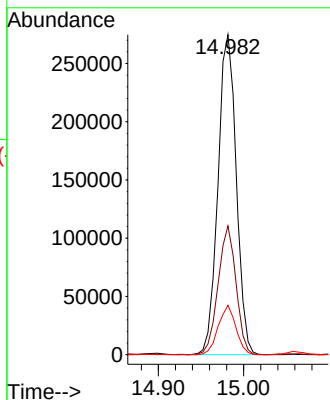
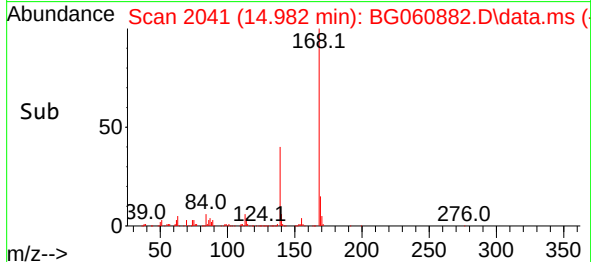
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:168 Resp: 410208
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 15.4 11.0 16.4

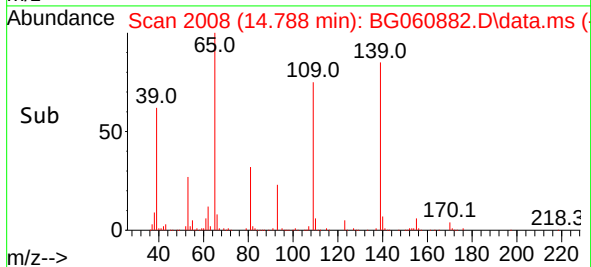
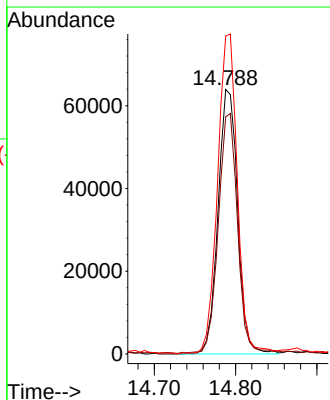
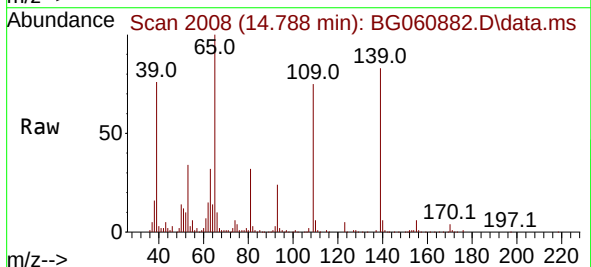
Manual Integrations
APPROVED

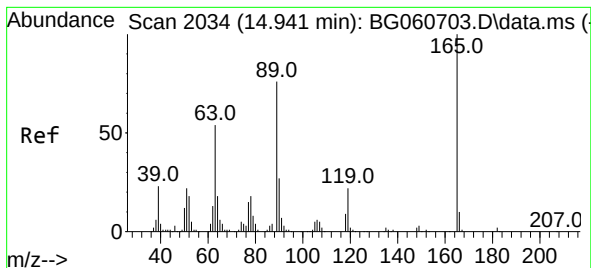
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#56
4-Nitrophenol
Concen: 48.233 ng
RT: 14.788 min Scan# 2008
Delta R.T. 0.011 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

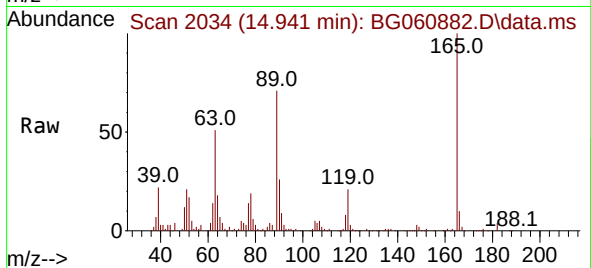
Tgt Ion:139 Resp: 107424
Ion Ratio Lower Upper
139 100
109 89.7 64.0 104.0
65 120.2 104.3 144.3





#57
2,4-Dinitrotoluene
Concen: 26.128 ng
RT: 14.941 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

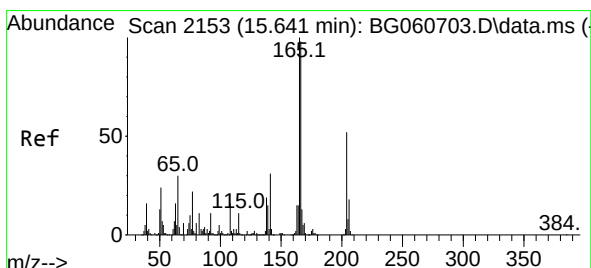
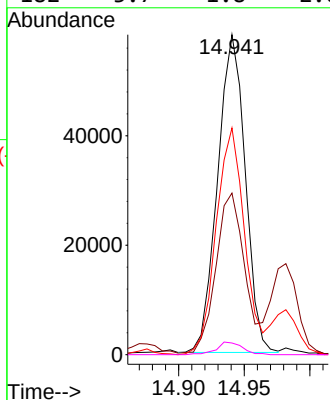
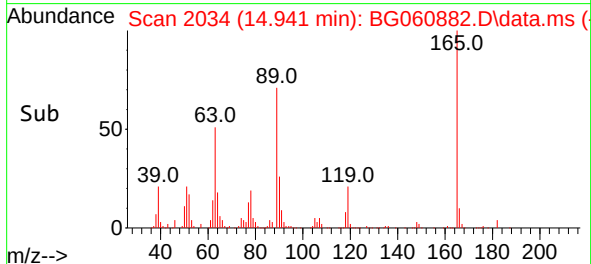
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:165 Resp: 85010
Ion Ratio Lower Upper
165 100
63 50.5 43.4 65.0
89 70.9 61.0 91.6
182 3.7 1.8 2.6#

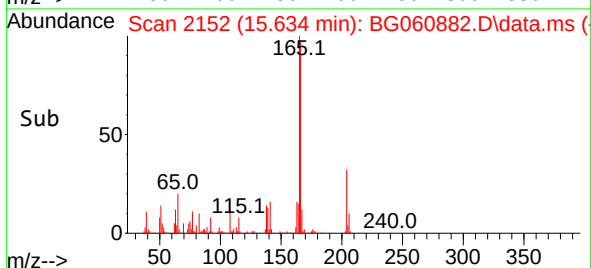
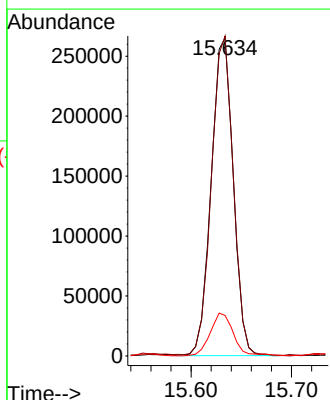
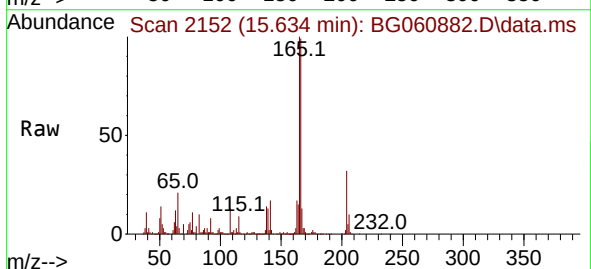
Manual Integrations
APPROVED

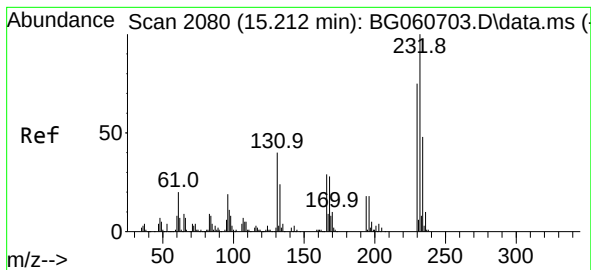
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#58
Fluorene
Concen: 29.191 ng
RT: 15.634 min Scan# 2152
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:166 Resp: 403260
Ion Ratio Lower Upper
166 100
165 100.7 81.8 122.8
167 12.7 10.9 16.3





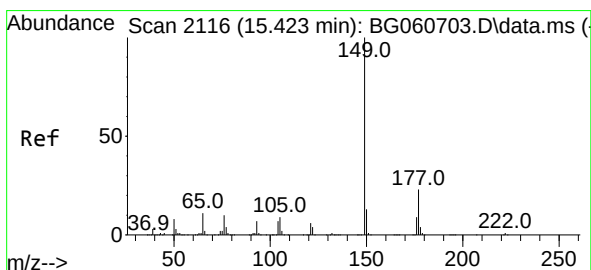
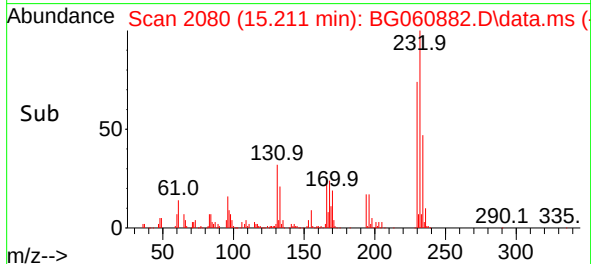
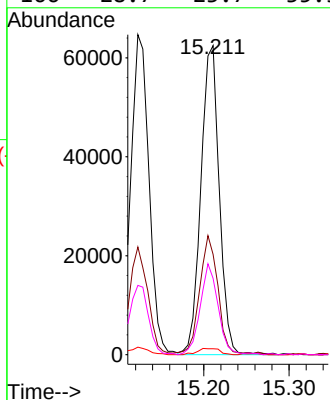
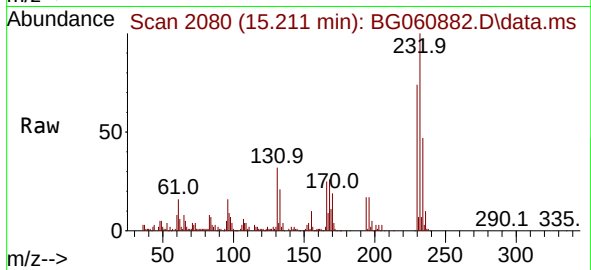
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.255 ng
RT: 15.211 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS

Tgt Ion:232 Resp: 93719
Ion Ratio Lower Upper
232 100
131 37.0 32.2 48.2
130 2.4 2.1 3.1
166 28.7 23.7 35.5

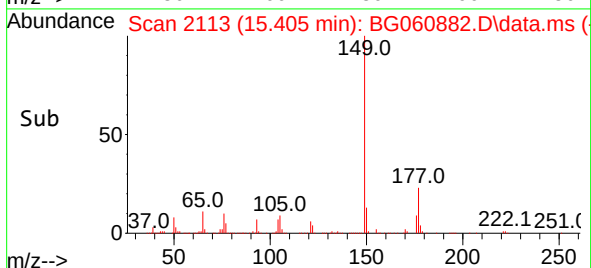
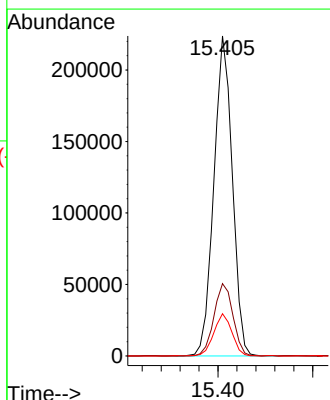
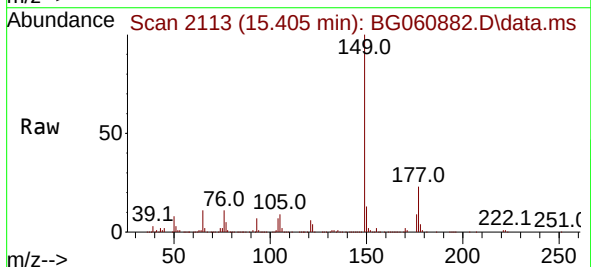
Manual Integrations
APPROVED

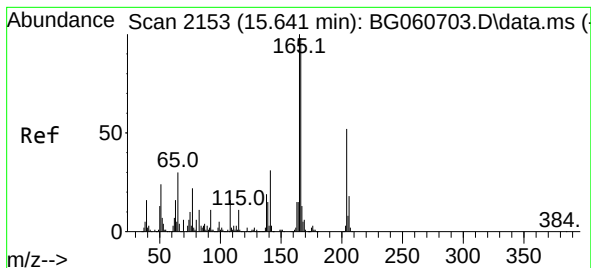
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#60
Diethylphthalate
Concen: 19.735 ng
RT: 15.405 min Scan# 2113
Delta R.T. -0.018 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

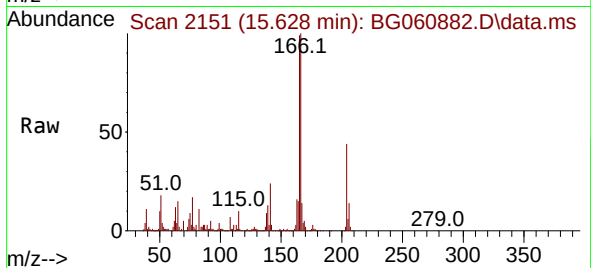
Tgt Ion:149 Resp: 302485
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 13.2 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 22.391 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

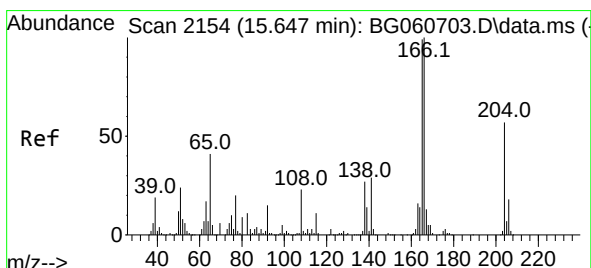
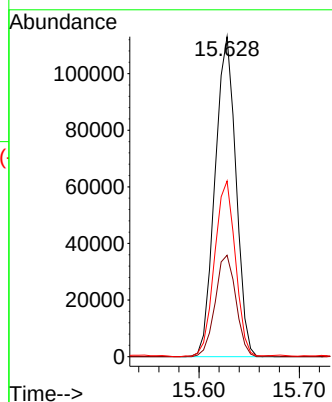
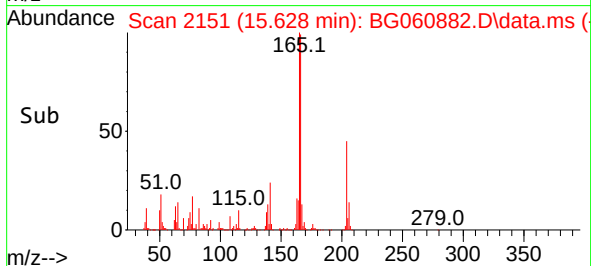
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:204 Resp: 16364
Ion Ratio Lower Upper
204 100
206 31.7 28.3 42.5
141 54.9 47.2 70.8

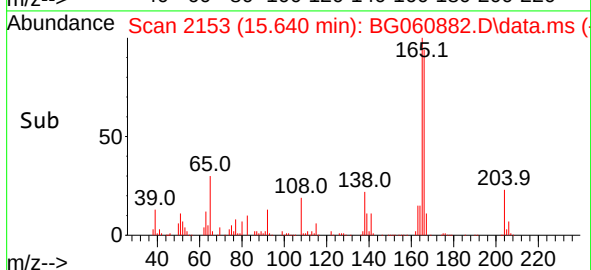
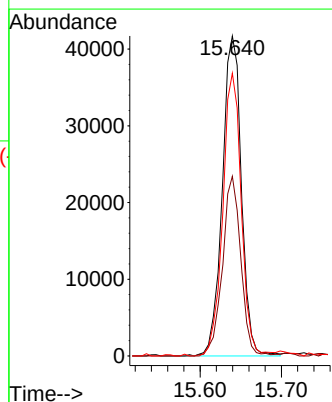
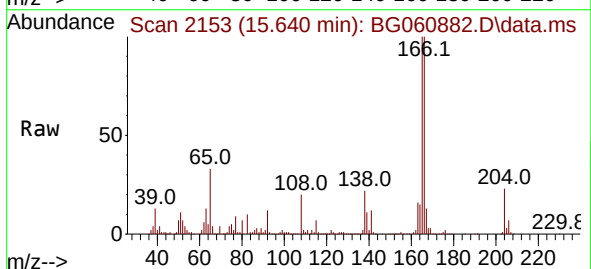
Manual Integrations
APPROVED

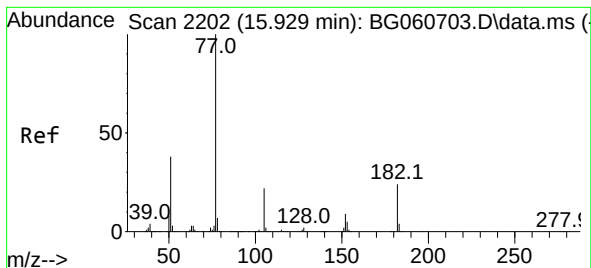
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#62
4-Nitroaniline
Concen: 24.449 ng
RT: 15.640 min Scan# 2153
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:138 Resp: 68101
Ion Ratio Lower Upper
138 100
92 56.2 36.8 76.8
108 88.3 66.9 106.9





#63

Azobenzene

Concen: 19.900 ng

RT: 15.922 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MS

Tgt Ion: 77 Resp: 29722

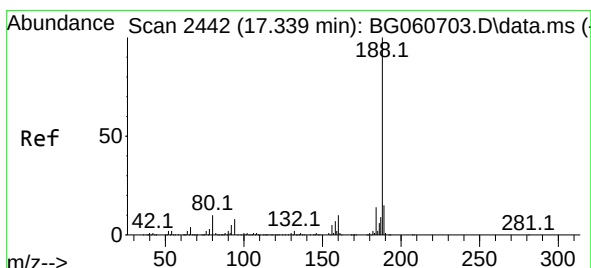
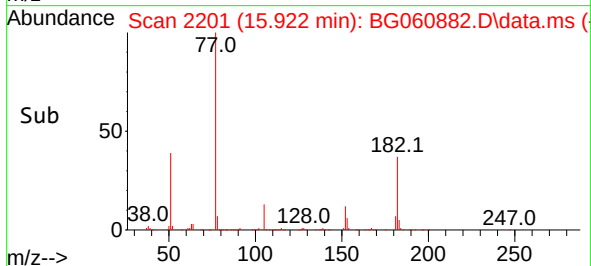
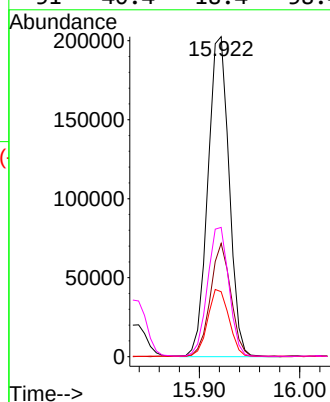
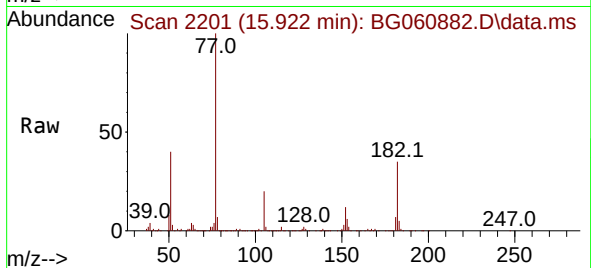
Ion	Ratio	Lower	Upper
77	100		
182	35.4	3.9	43.9
105	20.3	1.7	41.7
51	40.4	18.4	58.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.332 min Scan# 2441

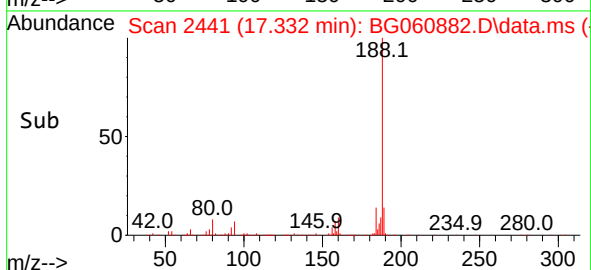
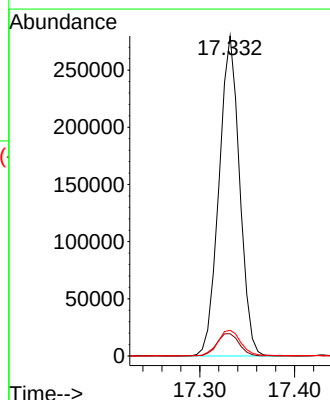
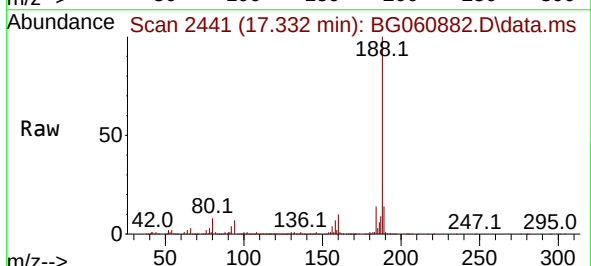
Delta R.T. -0.007 min

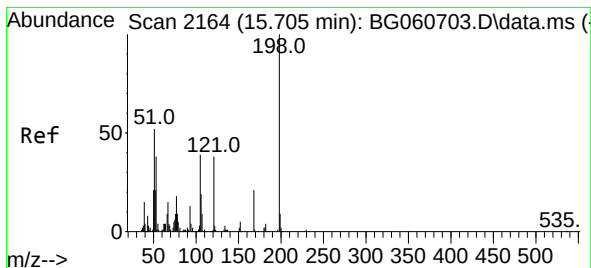
Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Tgt Ion:188 Resp: 422634

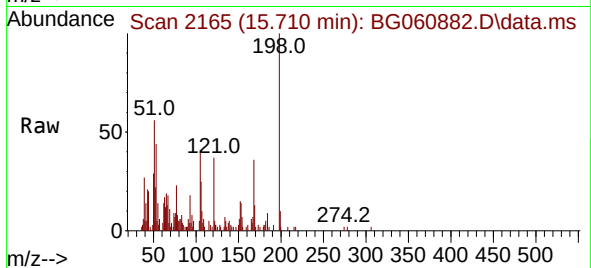
Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.6	9.8
80	8.0	7.6	11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 13.863 ng
RT: 15.710 min Scan# 2165
Delta R.T. 0.005 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

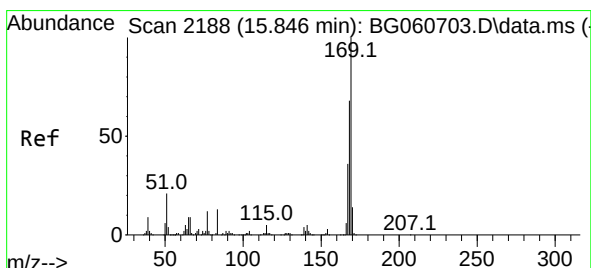
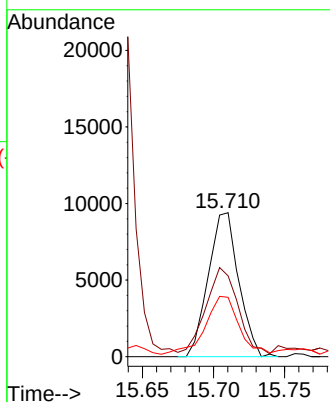
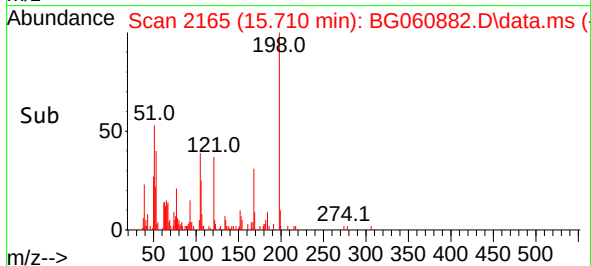
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:198 Resp: 13950
Ion Ratio Lower Upper
198 100
51 56.2 36.7 76.7
105 41.3 19.1 59.1

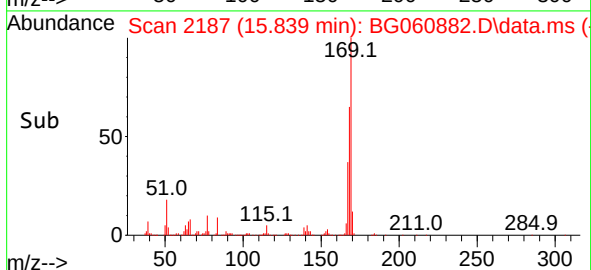
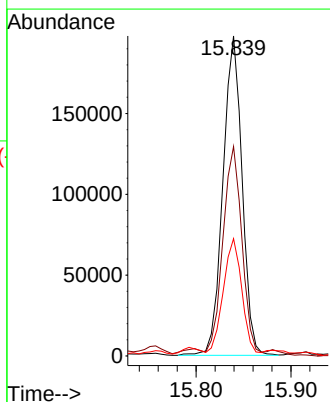
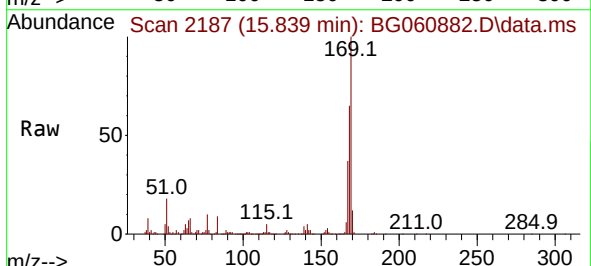
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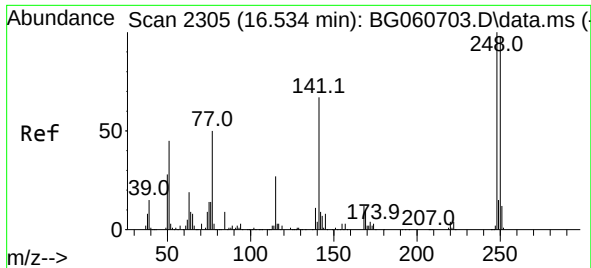
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#66
n-Nitrosodiphenylamine
Concen: 23.026 ng
RT: 15.839 min Scan# 2187
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

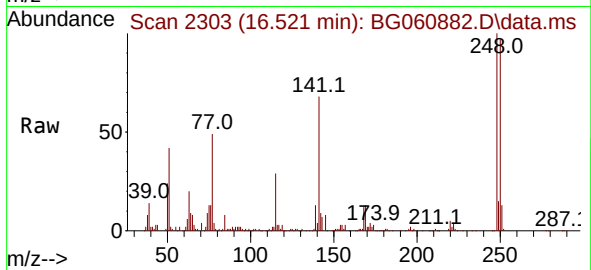
Tgt Ion:169 Resp: 278098
Ion Ratio Lower Upper
169 100
168 65.4 54.5 81.7
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 25.789 ng
RT: 16.521 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

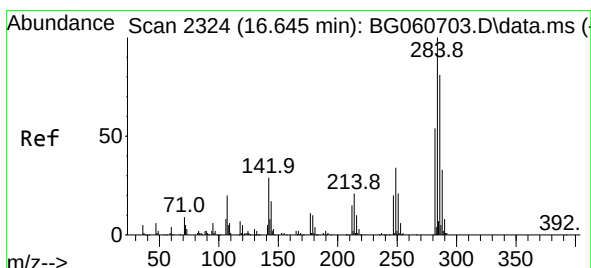
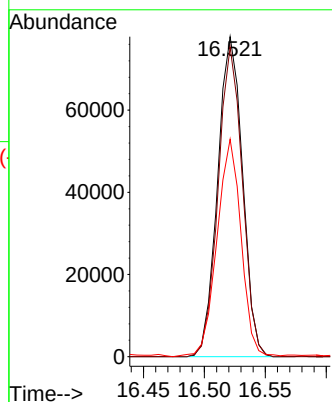
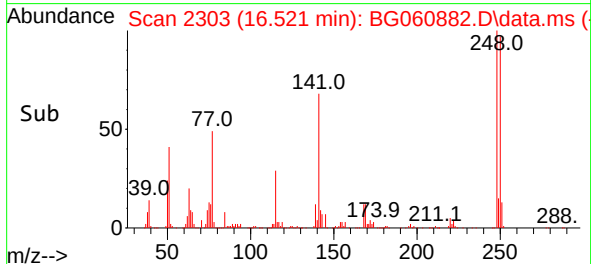
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:248 Resp: 11061
Ion Ratio Lower Upper
248 100
250 96.8 78.3 117.5
141 67.9 53.7 80.5

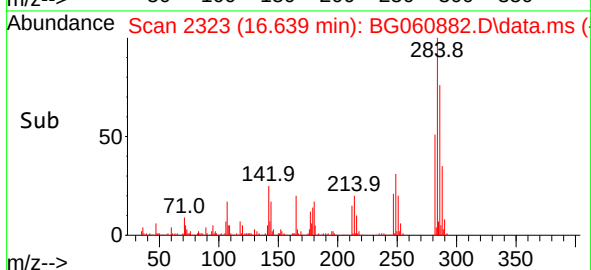
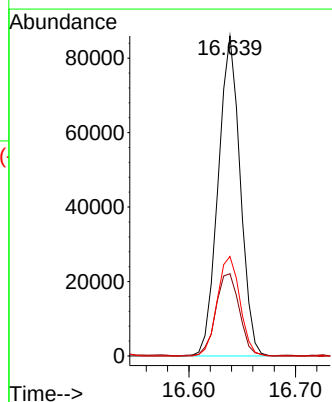
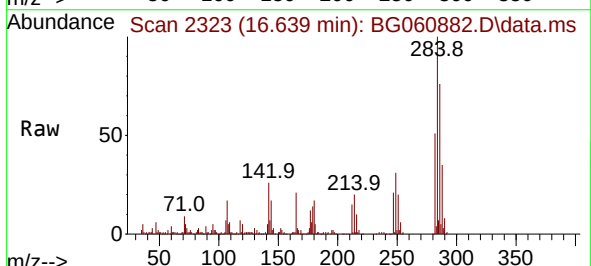
Manual Integrations
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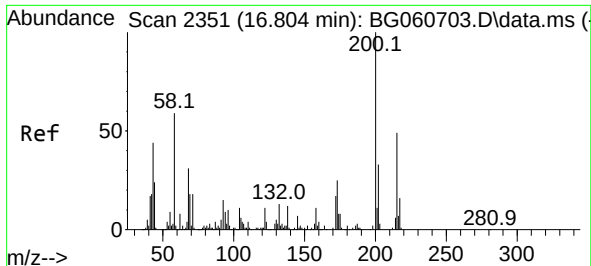
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#68
Hexachlorobenzene
Concen: 25.475 ng
RT: 16.639 min Scan# 2323
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

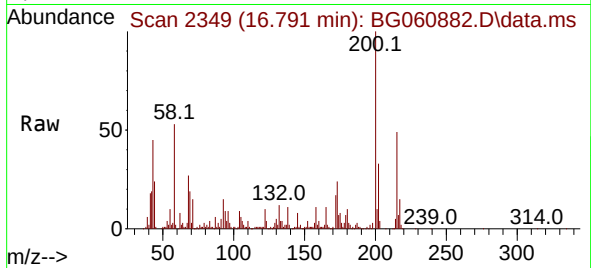
Tgt Ion:284 Resp: 123349
Ion Ratio Lower Upper
284 100
142 25.7 22.9 34.3
249 31.1 27.1 40.7





#69
 Atrazine
 Concen: 24.272 ng
 RT: 16.791 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060882.D
 Acq: 12 Apr 2024 20:25

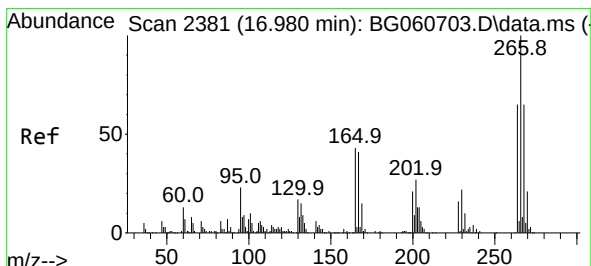
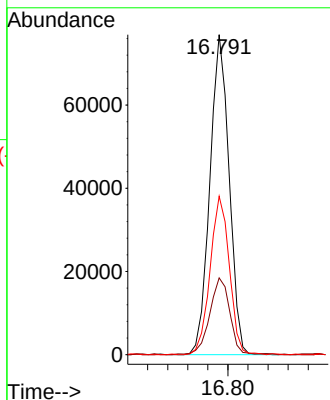
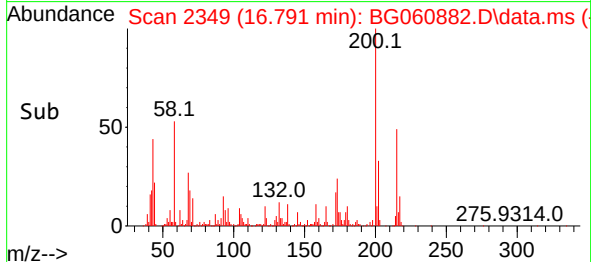
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MS



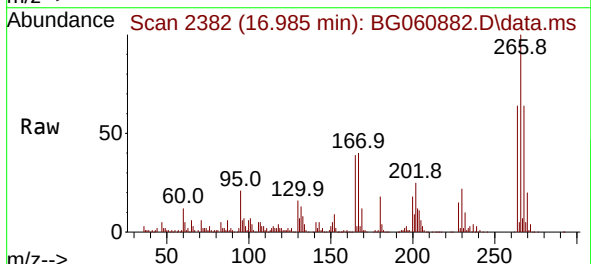
Tgt Ion:200 Resp: 102512
 Ion Ratio Lower Upper
 200 100
 173 24.0 5.2 45.2
 215 49.5 28.8 68.8

Manual Integrations
 APPROVED

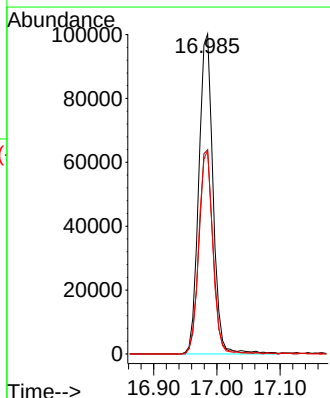
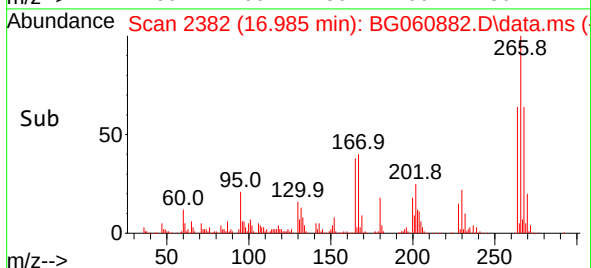
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

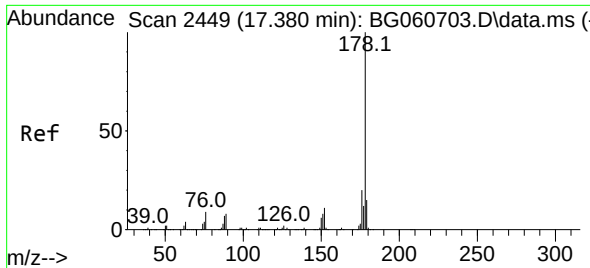


#70
 Pentachlorophenol
 Concen: 49.520 ng
 RT: 16.985 min Scan# 2382
 Delta R.T. 0.005 min
 Lab File: BG060882.D
 Acq: 12 Apr 2024 20:25



Tgt Ion:266 Resp: 156453
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.2 78.4
 264 63.6 51.8 77.6





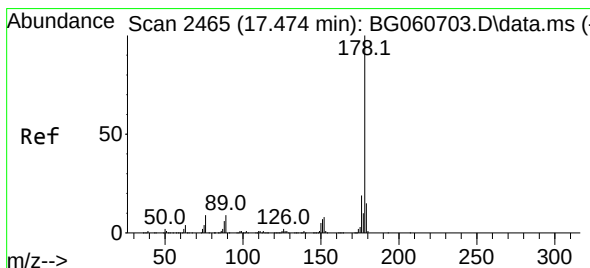
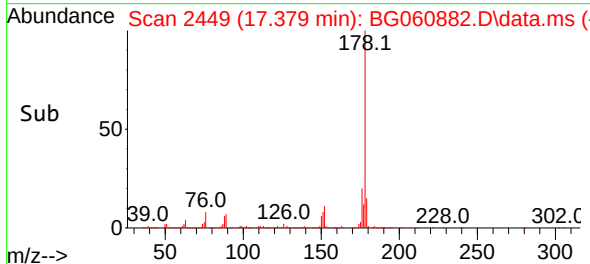
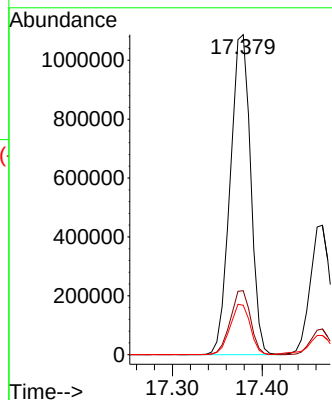
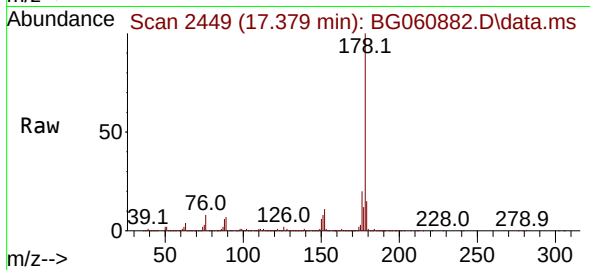
#71
Phenanthrene
Concen: 77.891 ng
RT: 17.379 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS

Tgt Ion:178 Resp: 1712070
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.5 12.2 18.4

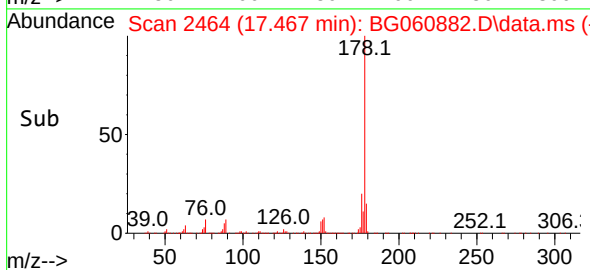
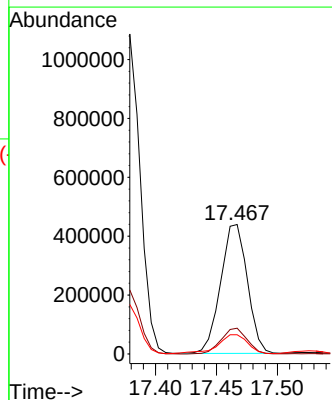
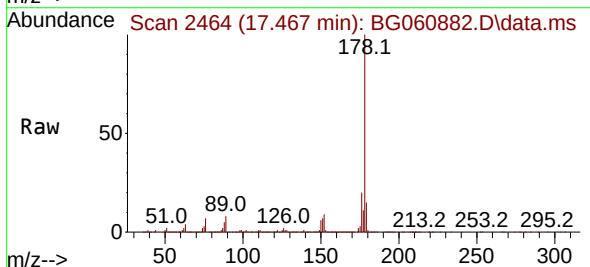
Manual Integrations
APPROVED

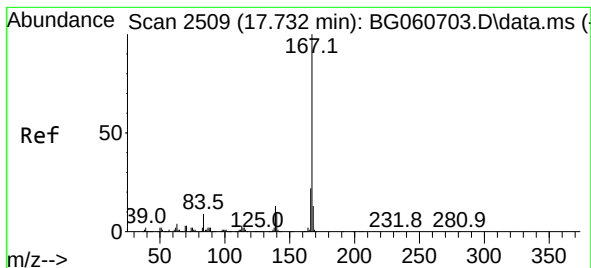
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#72
Anthracene
Concen: 30.077 ng
RT: 17.467 min Scan# 2464
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:178 Resp: 671390
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 14.8 12.2 18.2





#73

Carbazole

Concen: 24.926 ng

RT: 17.731 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Instrument :

BNA_G

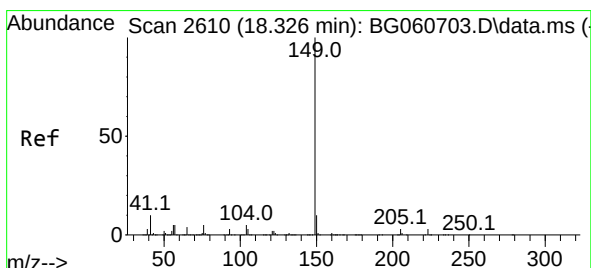
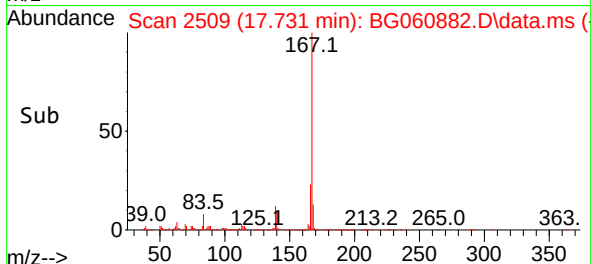
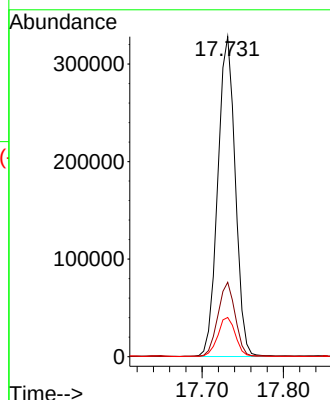
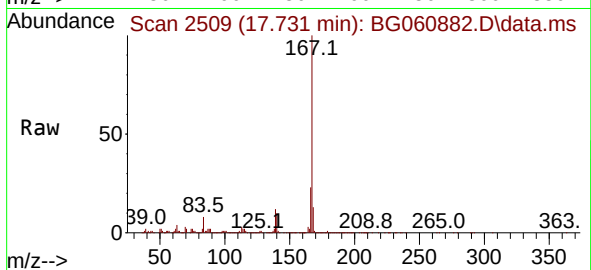
ClientSampleId :

TR-05-04112024MS

Tgt Ion:167 Resp: 490569
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.0 27.0
 139 12.3 10.5 15.7

Manual Integrations
 APPROVED

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



#74

Di-n-butylphthalate

Concen: 20.676 ng

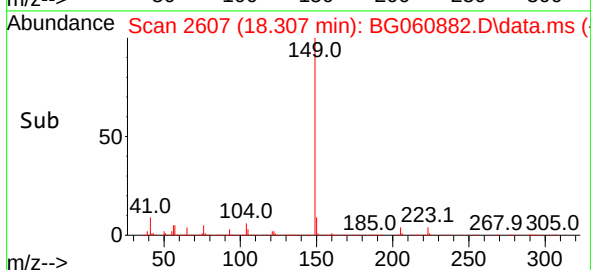
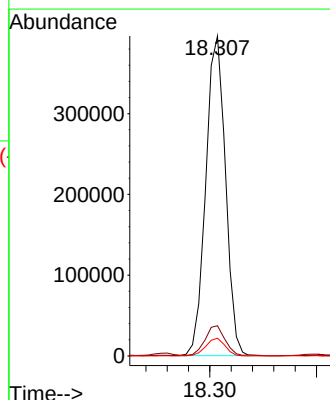
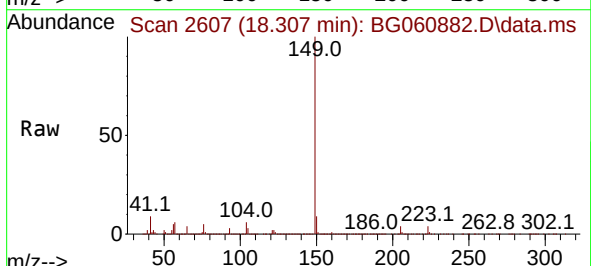
RT: 18.307 min Scan# 2607

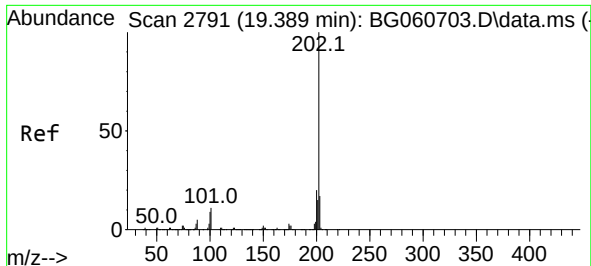
Delta R.T. -0.019 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

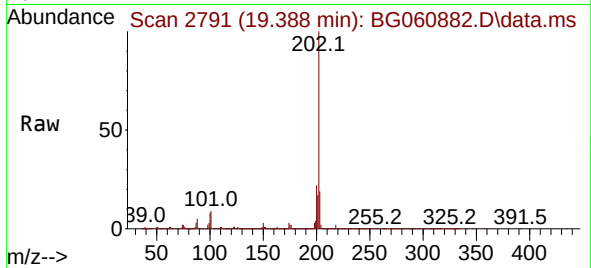
Tgt Ion:149 Resp: 507318
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.6 4.2 6.4





#75
Fluoranthene
Concen: 83.169 ng
RT: 19.388 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

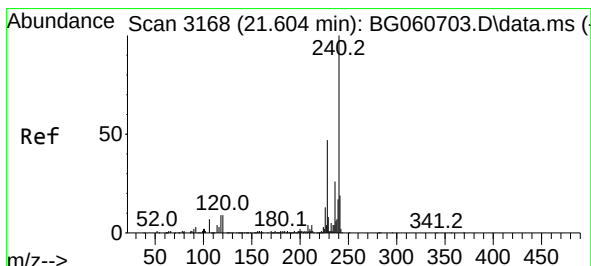
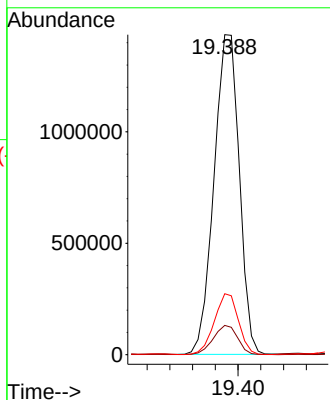
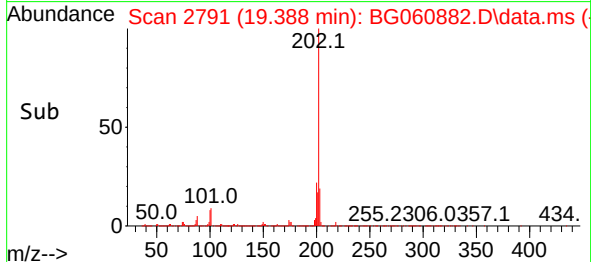
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:202 Resp: 221828
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.8
203 19.0 0.0 37.4

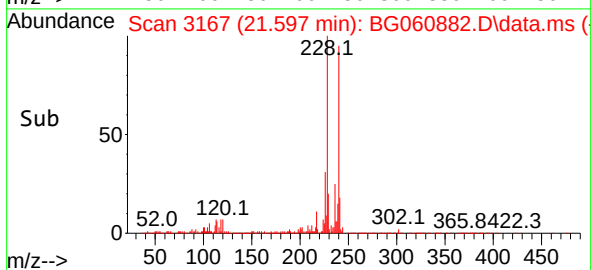
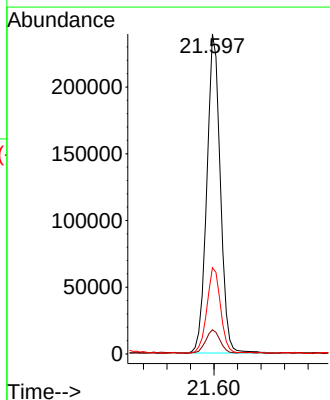
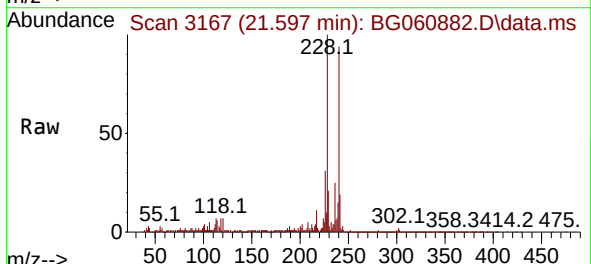
Manual Integrations
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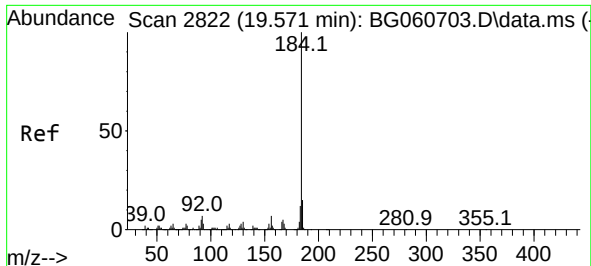
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.597 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:240 Resp: 380616
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 27.0 20.7 31.1





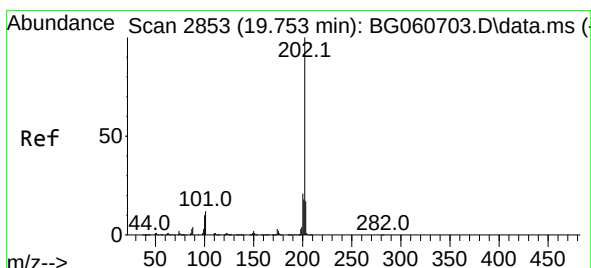
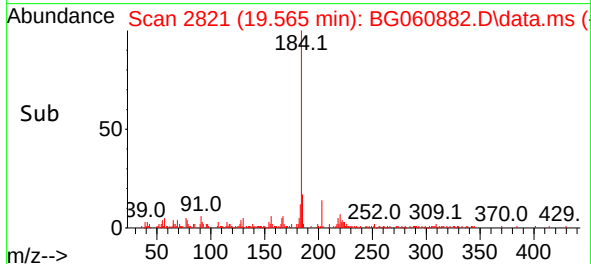
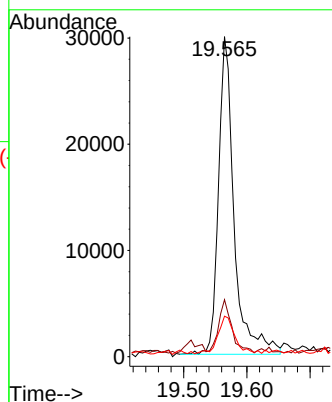
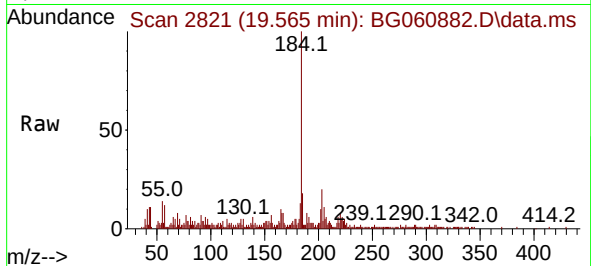
#77
Benzidine
Concen: 5.114 ng
RT: 19.565 min Scan# 2821
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS

Tgt Ion:184 Resp: 5125
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6
183 12.7 9.5 14.3

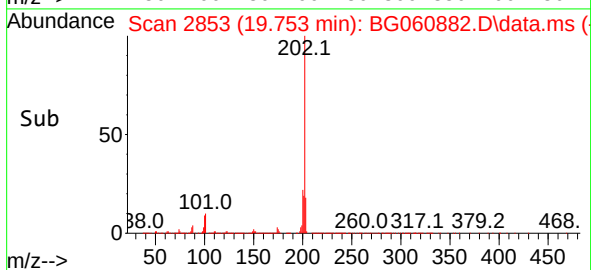
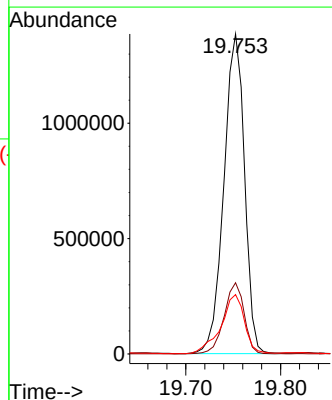
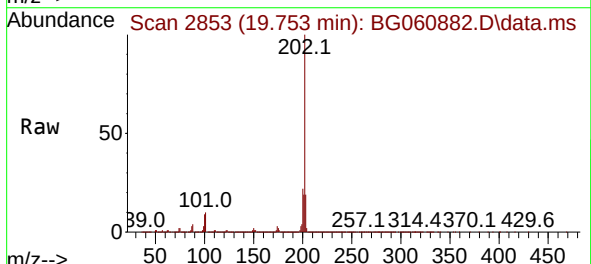
Manual Integrations
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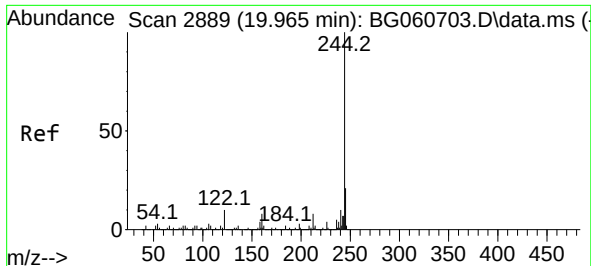
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#78
Pyrene
Concen: 78.685 ng
RT: 19.753 min Scan# 2853
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

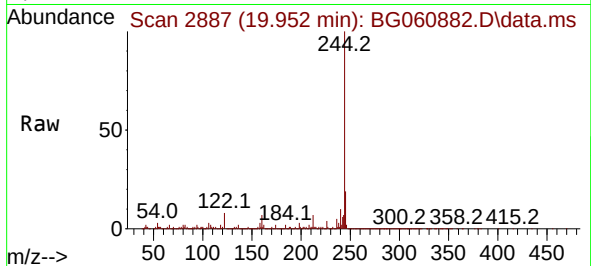
Tgt Ion:202 Resp: 2094557
Ion Ratio Lower Upper
202 100
200 22.3 17.0 25.4
203 18.5 14.0 21.0





#79
 Terphenyl-d14
 Concen: 29.748 ng
 RT: 19.952 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060882.D
 Acq: 12 Apr 2024 20:25

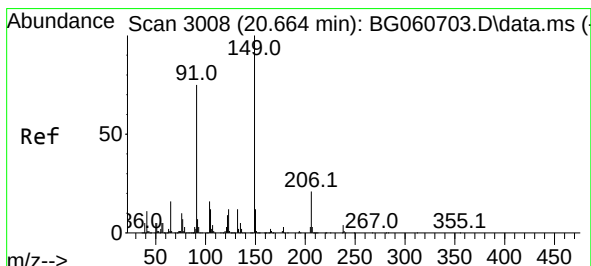
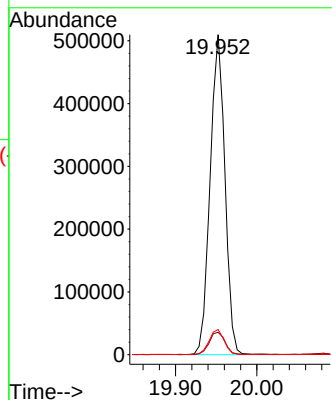
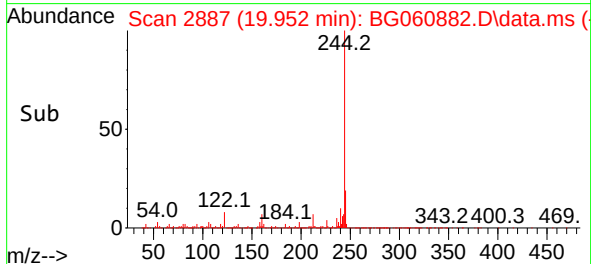
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MS



Tgt Ion:244 Resp: 64303
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 7.9 7.8 11.8

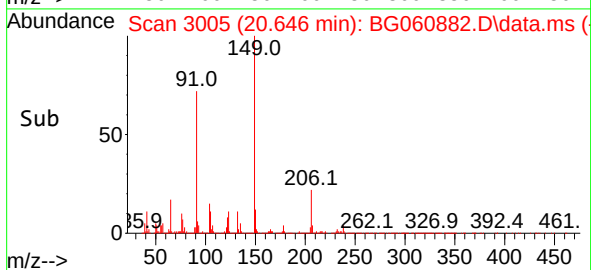
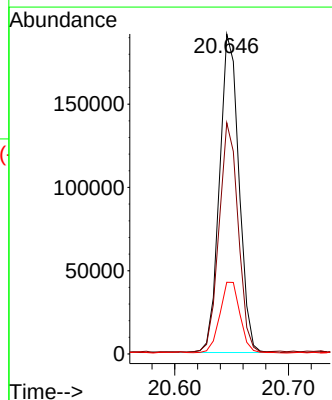
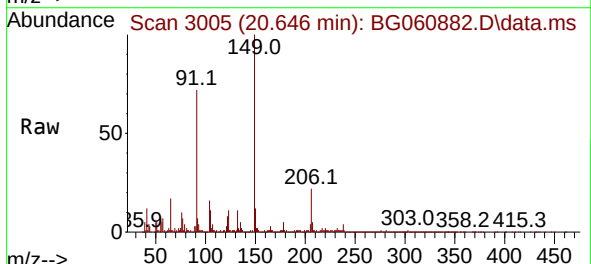
Manual Integrations
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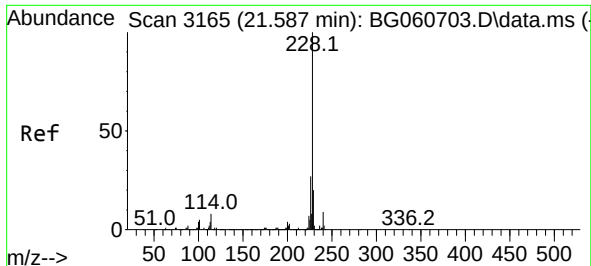
Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024



#80
 Butylbenzylphthalate
 Concen: 23.379 ng
 RT: 20.646 min Scan# 3005
 Delta R.T. -0.019 min
 Lab File: BG060882.D
 Acq: 12 Apr 2024 20:25

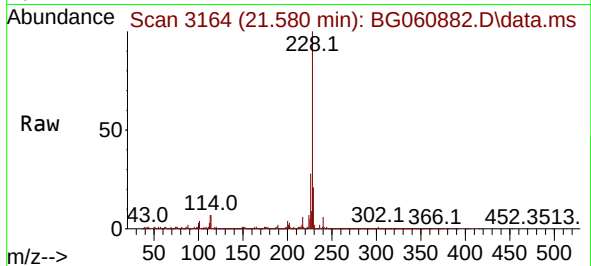
Tgt Ion:149 Resp: 227023
 Ion Ratio Lower Upper
 149 100
 91 72.2 60.1 90.1
 206 22.4 16.8 25.2





#81
Benzo(a)anthracene
Concen: 50.710 ng
RT: 21.580 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

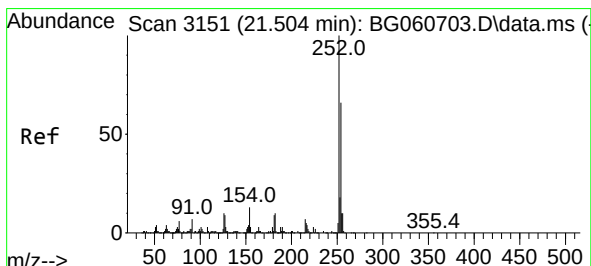
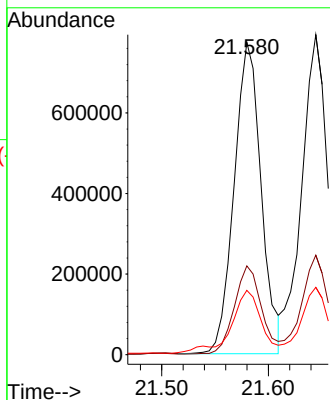
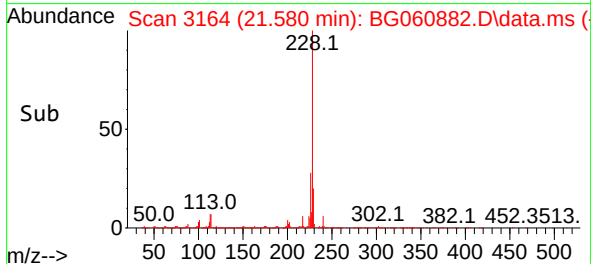
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:228 Resp: 1360500
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.6 15.8 23.8

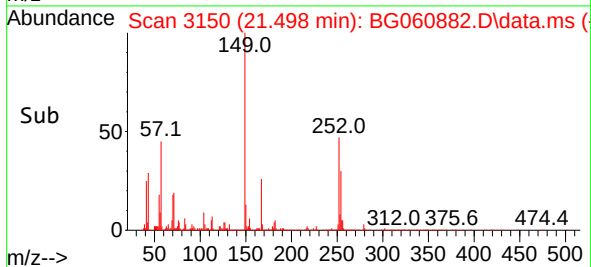
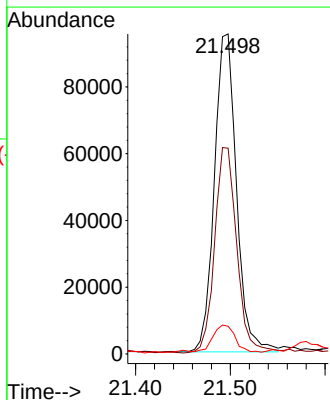
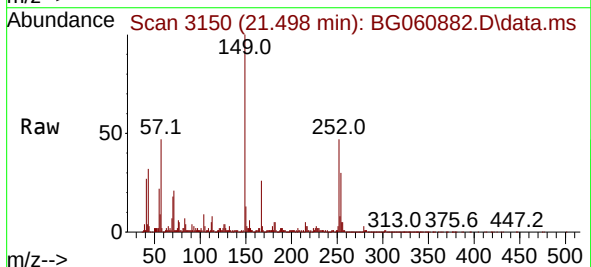
Manual Integrations
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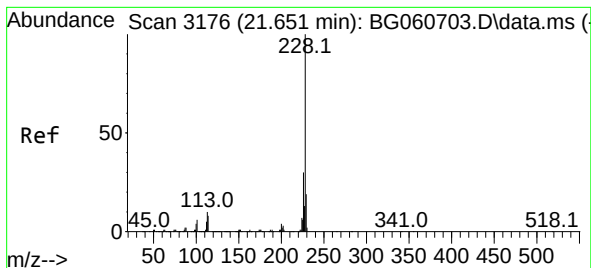
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 17.061 ng
RT: 21.498 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:252 Resp: 154553
Ion Ratio Lower Upper
252 100
254 64.3 52.6 78.8
126 8.7 7.8 11.8





#83

Chrysene

Concen: 51.740 ng

RT: 21.644 min Scan# 3176

Delta R.T. -0.007 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MS

Tgt Ion:228 Resp: 1337978

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

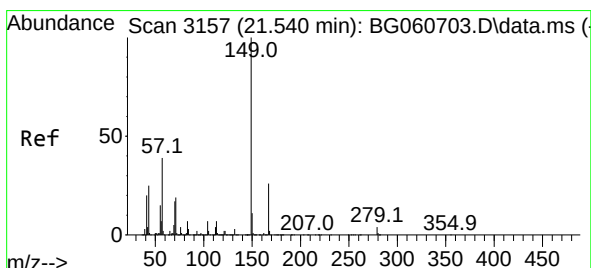
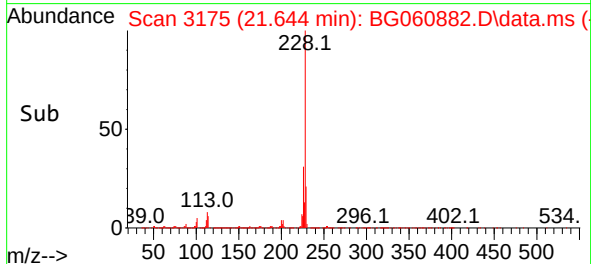
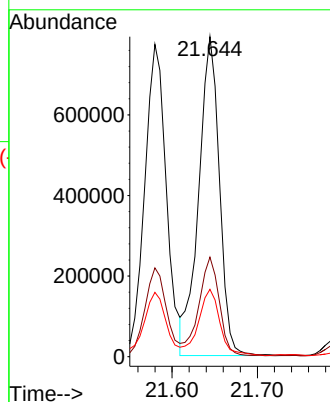
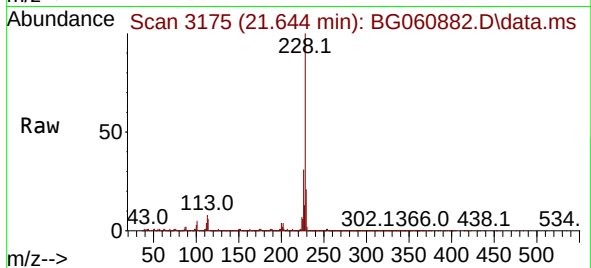
229 21.1 15.5 23.3

Manual Integrations

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Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.398 ng

RT: 21.515 min Scan# 3153

Delta R.T. -0.024 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

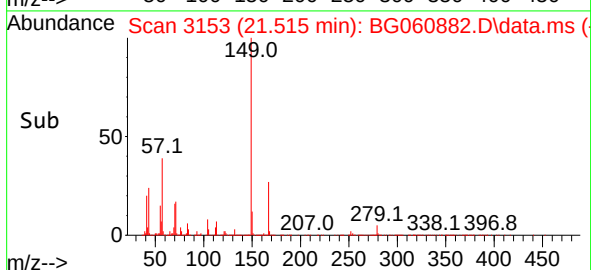
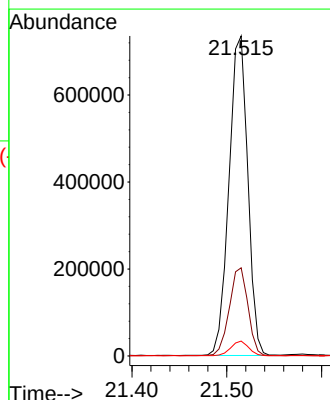
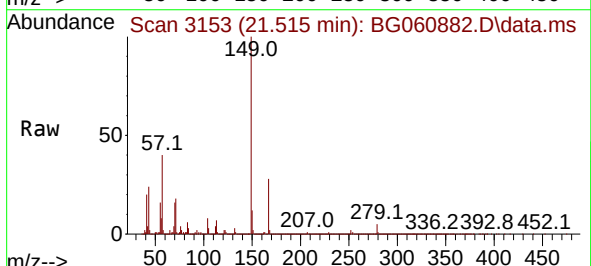
Tgt Ion:149 Resp: 1012167

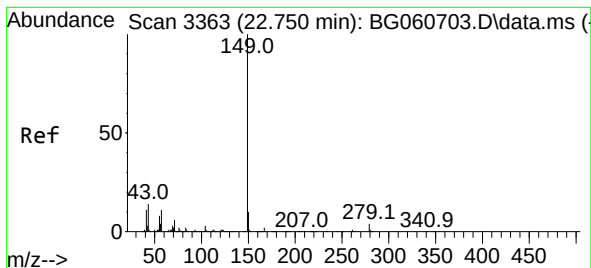
Ion Ratio Lower Upper

149 100

167 27.6 20.6 30.8

279 4.6 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 22.872 ng

RT: 22.702 min Scan# 31

Delta R.T. -0.048 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Instrument :

BNA_G

ClientSampleId :

TR-05-04112024MS

Tgt Ion:149 Resp: 57669

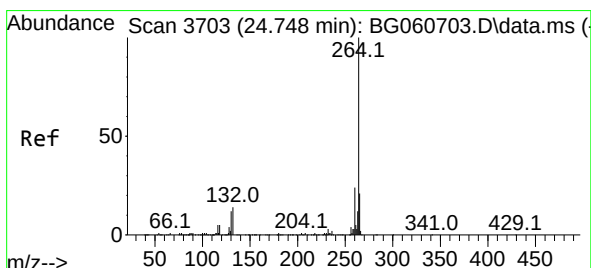
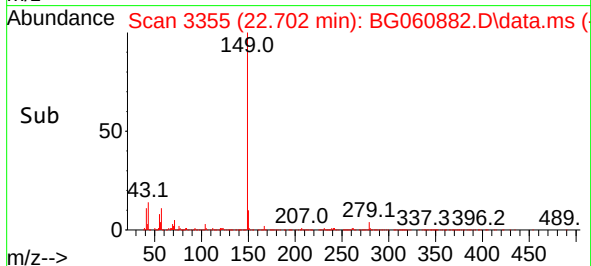
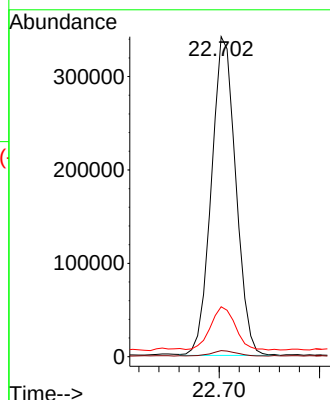
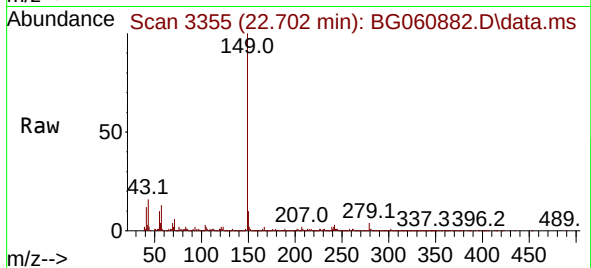
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	14.0	11.3	16.9

Manual Integrations

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Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.741 min Scan# 3702

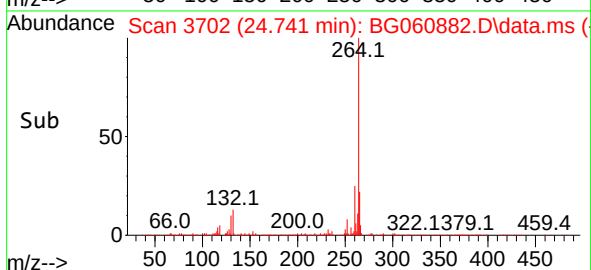
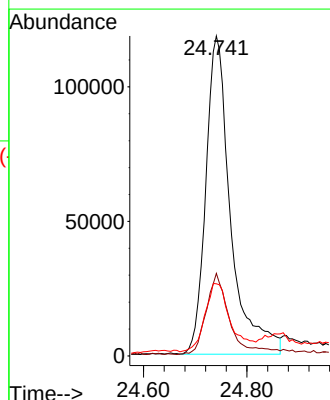
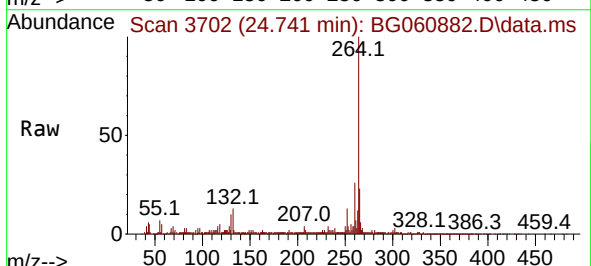
Delta R.T. -0.007 min

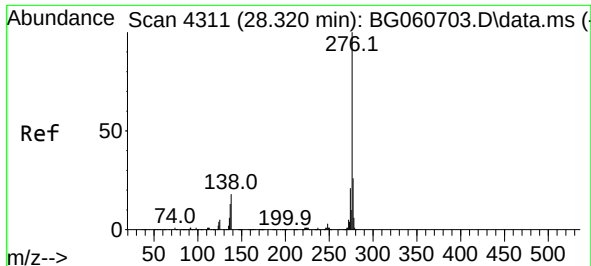
Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Tgt Ion:264 Resp: 394658

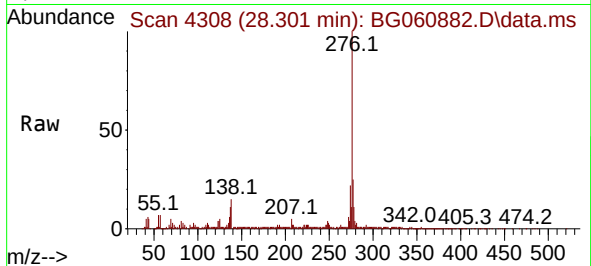
Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.5	29.3
265	22.5	16.9	25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 25.695 ng m
RT: 28.301 min Scan# 4311
Delta R.T. -0.019 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

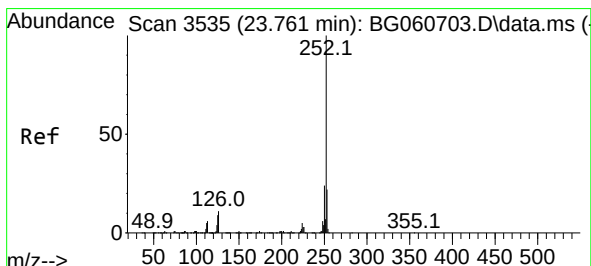
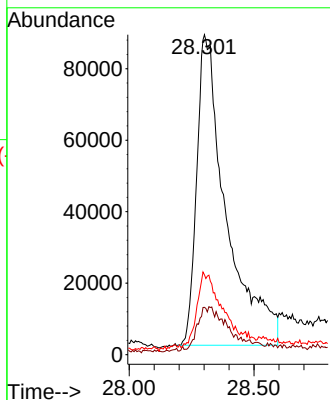
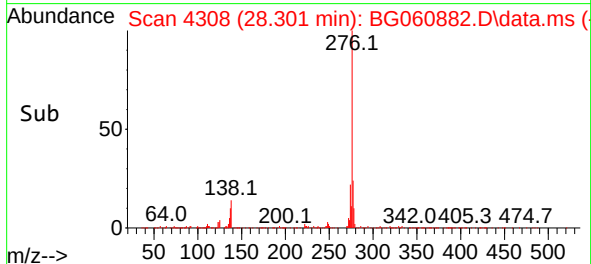
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:276 Resp: 71412
Ion Ratio Lower Upper
276 100
138 4.6 12.4 18.6
277 20.1 20.2 30.2

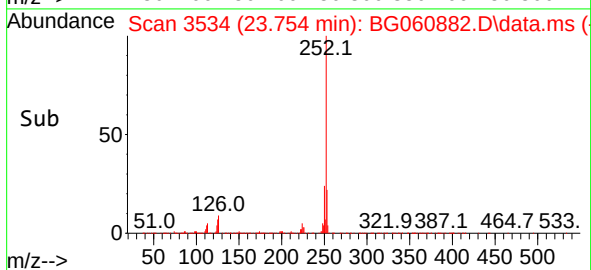
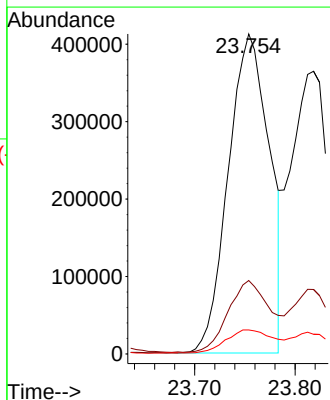
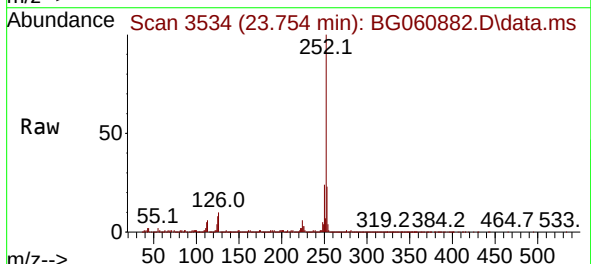
Manual Integrations
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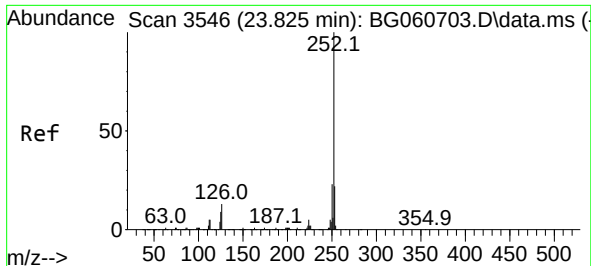
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#88
Benzo(b)fluoranthene
Concen: 51.615 ng
RT: 23.754 min Scan# 3534
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

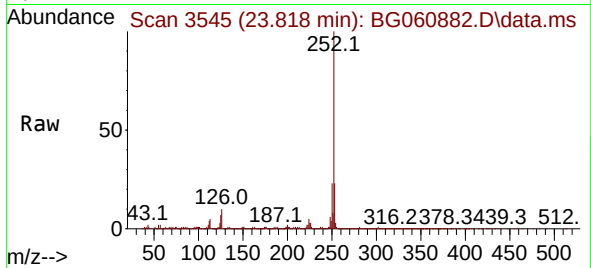
Tgt Ion:252 Resp: 1170261
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 7.5 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 43.337 ng m
RT: 23.818 min Scan# 3545
Delta R.T. -0.007 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

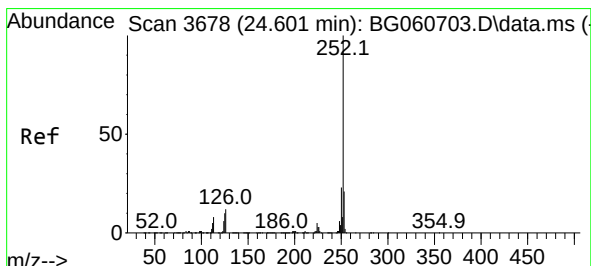
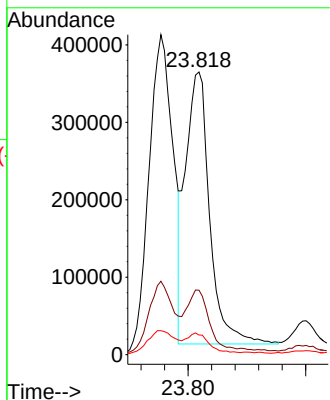
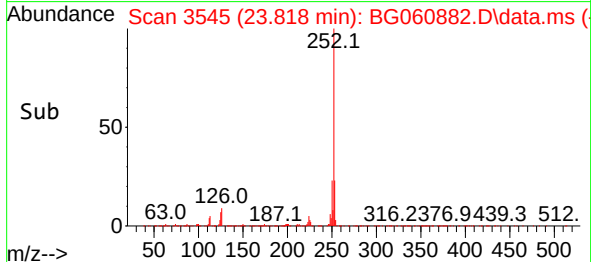
Instrument :
BNA_G
ClientSampleId :
TR-05-04112024MS



Tgt Ion:252 Resp: 1005720
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 7.0 7.5 11.3

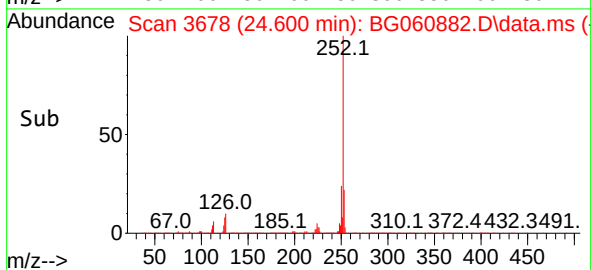
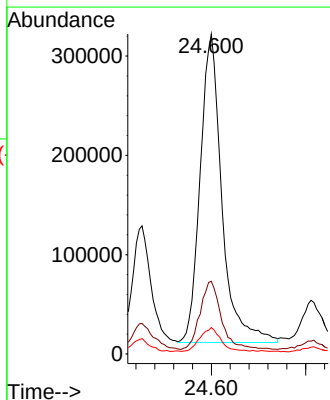
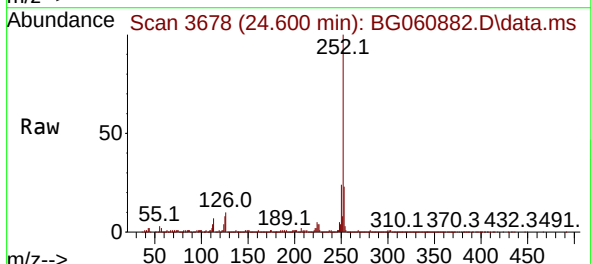
Manual Integrations
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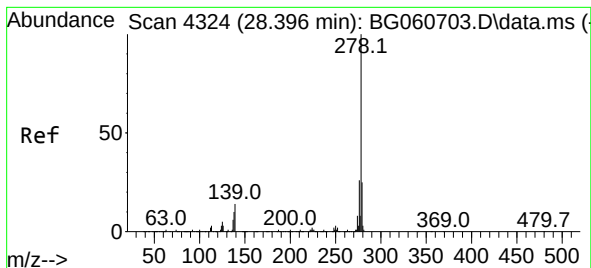
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024



#90
Benzo(a)pyrene
Concen: 45.123 ng m
RT: 24.600 min Scan# 3678
Delta R.T. -0.001 min
Lab File: BG060882.D
Acq: 12 Apr 2024 20:25

Tgt Ion:252 Resp: 994239
Ion Ratio Lower Upper
252 100
253 22.7 16.8 25.2
125 8.3 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 19.734 ng m

RT: 28.372 min Scan# 41

Delta R.T. -0.024 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Instrument :

BNL_G

ClientSampleId :

TR-05-04112024MS

Tgt Ion:278 Resp: 46233

Ion Ratio Lower Upper

278 100

139 11.0 11.1 16.7

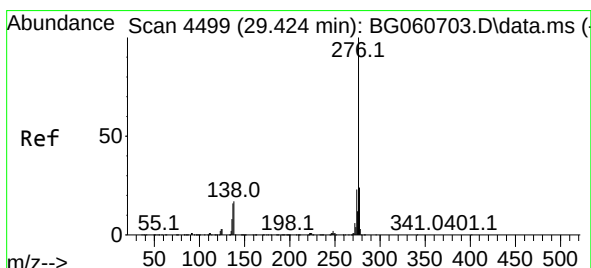
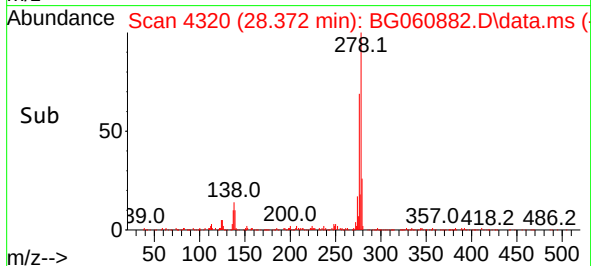
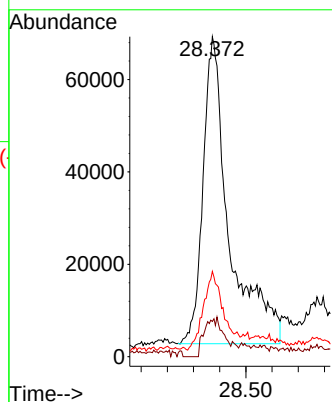
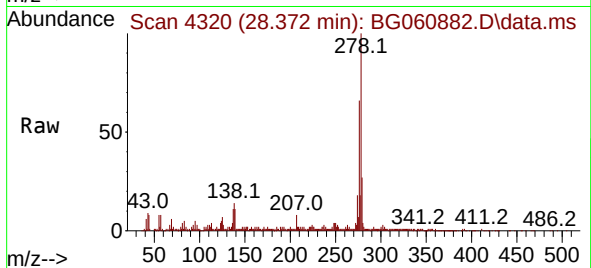
279 26.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/16/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 21.875 ng m

RT: 29.424 min Scan# 4499

Delta R.T. -0.001 min

Lab File: BG060882.D

Acq: 12 Apr 2024 20:25

Tgt Ion:276 Resp: 498538

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 13.6 14.0 21.0

