

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG064007.D
 Acq On : 5 Feb 2025 20:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 06 01:28:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	68076	20.000	ng	0.00
21) Naphthalene-d8	10.664	136	290477	20.000	ng	0.00
39) Acenaphthene-d10	14.495	164	193695	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	422788	20.000	ng	0.00
76) Chrysene-d12	21.469	240	443194	20.000	ng	0.00
86) Perylene-d12	24.495	264	471722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	361692	85.185	ng	0.00
7) Phenol-d6	7.039	99	487559	83.675	ng	0.00
23) Nitrobenzene-d5	9.025	82	437214	91.477	ng	0.00
42) 2,4,6-Tribromophenol	15.982	330	183676	87.719	ng	0.00
45) 2-Fluorobiphenyl	13.126	172	996963	78.860	ng	0.00
79) Terphenyl-d14	19.859	244	1675624	78.960	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	78995	39.175	ng	97
3) Pyridine	3.784	79	216039	39.676	ng	96
4) n-Nitrosodimethylamine	3.696	42	125095	39.955	ng	# 98
6) Aniline	7.204	93	242491	38.835	ng	97
8) 2-Chlorophenol	7.439	128	186612	43.132	ng	99
9) Benzaldehyde	7.016	77	140687	44.228	ng	96
10) Phenol	7.063	94	246957	40.263	ng	99
11) bis(2-Chloroethyl)ether	7.303	93	190260	38.522	ng	99
12) 1,3-Dichlorobenzene	7.768	146	200851	39.013	ng	98
13) 1,4-Dichlorobenzene	7.909	146	203276	39.095	ng	97
14) 1,2-Dichlorobenzene	8.226	146	198258	39.783	ng	97
15) Benzyl Alcohol	8.108	79	176670	40.565	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.408	45	404003	40.621	ng	99
17) 2-Methylphenol	8.308	107	159788	40.281	ng	93
18) Hexachloroethane	8.954	117	74954	43.803	ng	93
19) n-Nitroso-di-n-propyla...	8.678	70	162487	40.268	ng	# 96
20) 3+4-Methylphenols	8.637	107	220247	41.675	ng	98
22) Acetophenone	8.690	105	313669	39.302	ng	99
24) Nitrobenzene	9.066	77	221414	40.708	ng	98
25) Isophorone	9.589	82	406620	39.245	ng	99
26) 2-Nitrophenol	9.777	139	69871	51.668	ng	95
27) 2,4-Dimethylphenol	9.836	122	125480	42.101	ng	94
28) bis(2-Chloroethoxy)met...	10.077	93	260697	39.543	ng	97
29) 2,4-Dichlorophenol	10.306	162	166952	40.680	ng	100
30) 1,2,4-Trichlorobenzene	10.529	180	195033	39.831	ng	99
31) Naphthalene	10.711	128	614101	39.432	ng	99
32) Benzoic acid	9.965	122	96618m	48.521	ng	
33) 4-Chloroaniline	10.811	127	234282	39.264	ng	98
34) Hexachlorobutadiene	11.005	225	124631	39.969	ng	100
35) Caprolactam	11.575	113	58390	39.380	ng	96
36) 4-Chloro-3-methylphenol	11.933	107	203371	42.630	ng	99
37) 2-Methylnaphthalene	12.321	142	428488	39.483	ng	98
38) 1-Methylnaphthalene	12.538	142	419437	39.060	ng	100
40) 1,2,4,5-Tetrachloroben...	12.685	216	225430	39.466	ng	99
41) Hexachlorocyclopentadiene	12.674	237	72514	50.160	ng	99
43) 2,4,6-Trichlorophenol	12.920	196	138046	41.815	ng	99

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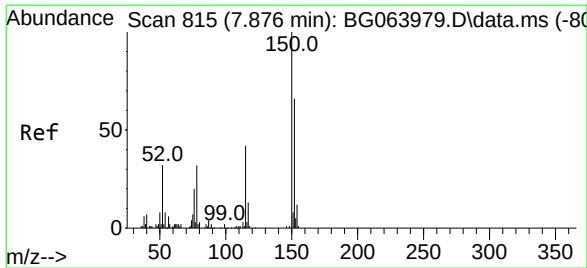
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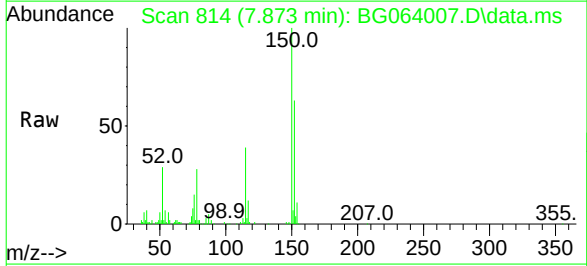
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.991	196	156096	41.880	ng	99
46) 1,1'-Biphenyl	13.332	154	586804	39.790	ng	99
47) 2-Chloronaphthalene	13.373	162	431329	40.128	ng	98
48) 2-Nitroaniline	13.567	65	134960	46.705	ng	95
49) Acenaphthylene	14.219	152	656950	39.348	ng	98
50) Dimethylphthalate	13.960	163	539860	42.036	ng	100
51) 2,6-Dinitrotoluene	14.066	165	106212	44.315	ng	98
52) Acenaphthene	14.560	154	453507	40.494	ng	99
53) 3-Nitroaniline	14.395	138	112978	40.608	ng	92
54) 2,4-Dinitrophenol	14.595	184	31050	50.605	ng	94
55) Dibenzofuran	14.895	168	707747	38.920	ng	99
56) 4-Nitrophenol	14.695	139	91438	41.365	ng	97
57) 2,4-Dinitrotoluene	14.853	165	141829	45.251	ng	# 95
58) Fluorene	15.541	166	544412	38.734	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.118	232	150379	41.981	ng	# 96
60) Diethylphthalate	15.329	149	572533	42.047	ng	99
61) 4-Chlorophenyl-phenyle...	15.541	204	270751	38.393	ng	98
62) 4-Nitroaniline	15.558	138	121880	40.765	ng	98
63) Azobenzene	15.835	77	612813	38.104	ng	99
65) 4,6-Dinitro-2-methylph...	15.617	198	54893	51.141	ng	91
66) n-Nitrosodiphenylamine	15.752	169	470749	40.159	ng	100
67) 4-Bromophenyl-phenylether	16.434	248	175483	41.700	ng	97
68) Hexachlorobenzene	16.546	284	196430	39.703	ng	99
69) Atrazine	16.704	200	152483	39.089	ng	98
70) Pentachlorophenol	16.886	266	124416	42.999	ng	95
71) Phenanthrene	17.280	178	878236	39.550	ng	99
72) Anthracene	17.368	178	879687	39.591	ng	98
73) Carbazole	17.633	167	817315	39.293	ng	98
74) Di-n-butylphthalate	18.214	149	970406	44.757	ng	99
75) Fluoranthene	19.289	202	1029737	38.082	ng	98
77) Benzidine	19.472	184	569123	60.304	ng	98
78) Pyrene	19.648	202	1099995	40.204	ng	98
80) Butylbenzylphthalate	20.553	149	399616	42.542	ng	99
81) Benzo(a)anthracene	21.452	228	1117925	39.729	ng	99
82) 3,3'-Dichlorobenzidine	21.375	252	389171	44.410	ng	97
83) Chrysene	21.516	228	1105164	39.466	ng	99
84) Bis(2-ethylhexyl)phtha...	21.393	149	635268	42.075	ng	98
85) Di-n-octyl phthalate	22.550	149	1059083	43.071	ng	99
87) Indeno(1,2,3-cd)pyrene	27.909	276	1245222	40.918	ng	# 97
88) Benzo(b)fluoranthene	23.543	252	1151681	41.461	ng	98
89) Benzo(k)fluoranthene	23.608	252	1113428	39.037	ng	100
90) Benzo(a)pyrene	24.360	252	1000513	40.353	ng	98
91) Dibenzo(a,h)anthracene	27.979	278	1054650	41.042	ng	98
92) Benzo(g,h,i)perylene	28.972	276	1047630	40.384	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.873 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

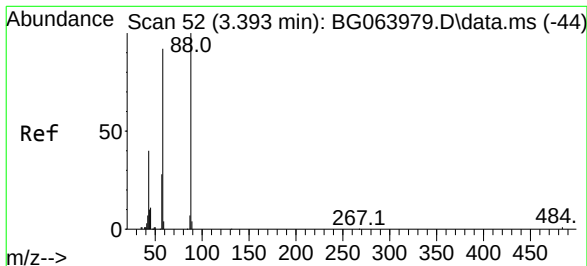
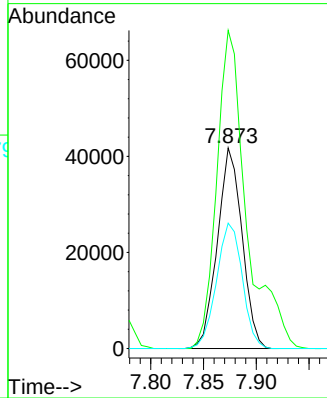
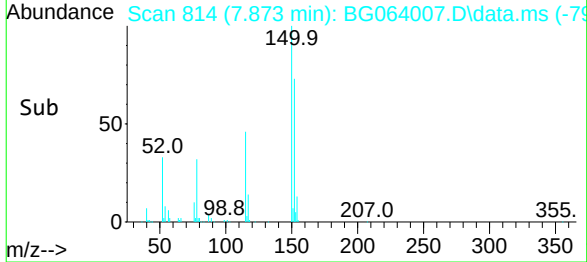
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



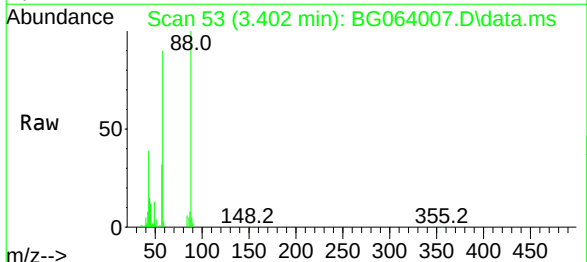
Tgt Ion:152 Resp: 68076
Ion Ratio Lower Upper
152 100
150 158.6 121.0 181.6
115 62.5 50.4 75.6

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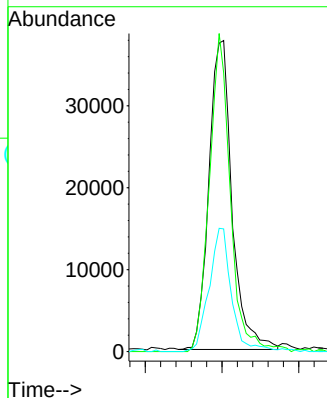
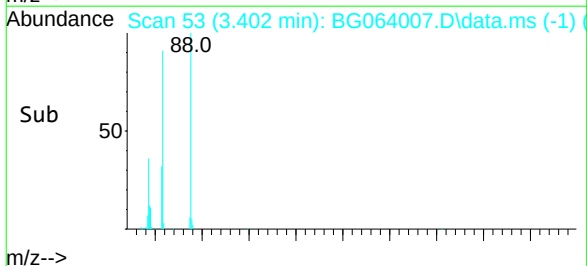
Reviewed By :Yogesh Patel 02/06/2025
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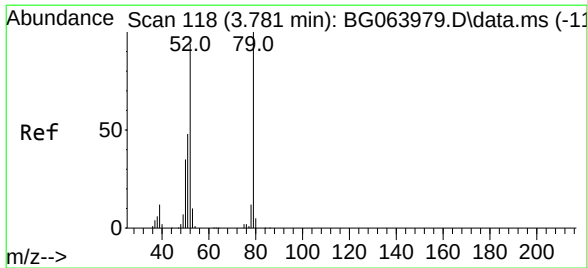


#2
1,4-Dioxane
Concen: 39.175 ng
RT: 3.402 min Scan# 53
Delta R.T. 0.009 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



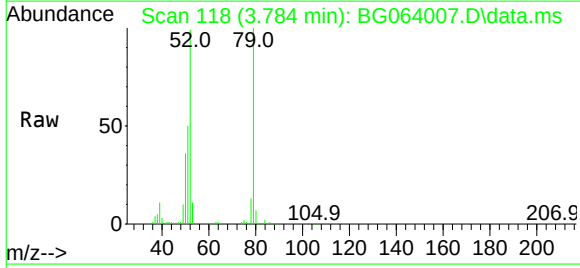
Tgt Ion: 88 Resp: 78995
Ion Ratio Lower Upper
88 100
58 93.2 71.8 107.8
43 38.4 31.2 46.8





#3
Pyridine
Concen: 39.676 ng
RT: 3.784 min Scan# 111
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

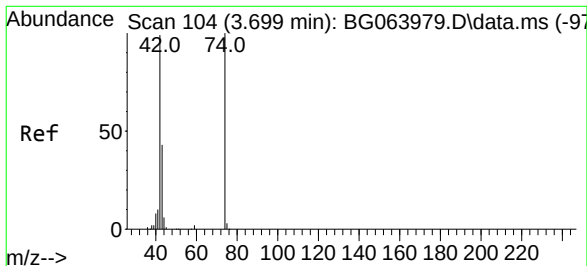
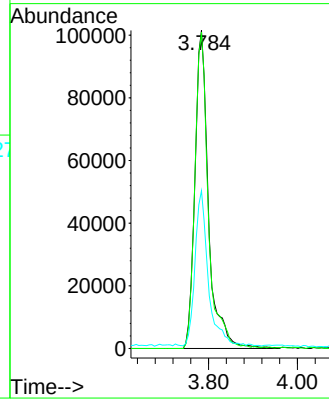
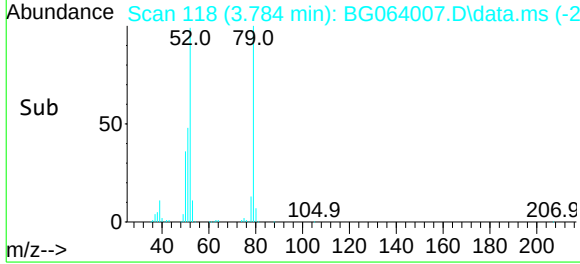
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



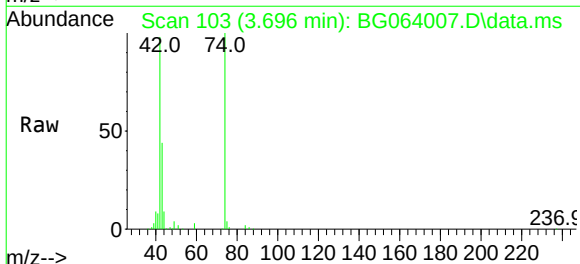
Tgt Ion: 79 Resp: 216039
Ion Ratio Lower Upper
79 100
52 99.4 75.1 112.7
51 49.6 38.9 58.3

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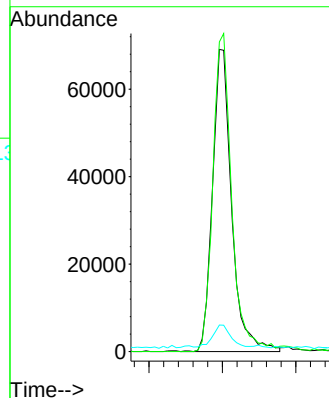
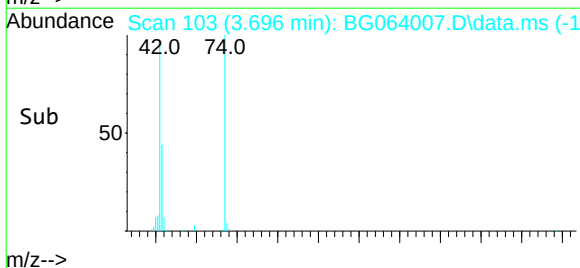
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

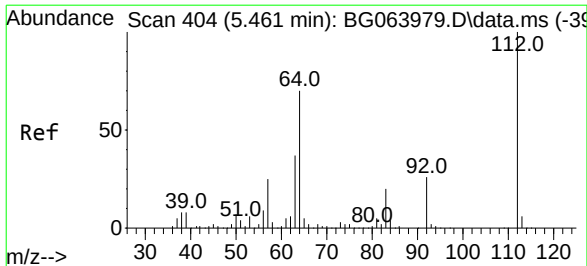


#4
n-Nitrosodimethylamine
Concen: 39.955 ng
RT: 3.696 min Scan# 103
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



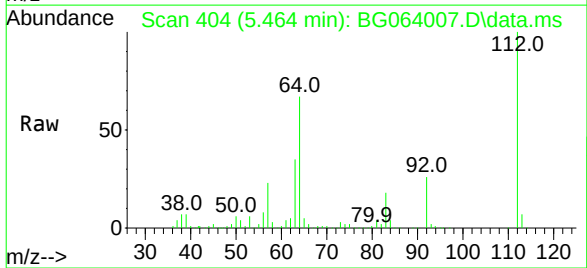
Tgt Ion: 42 Resp: 125095
Ion Ratio Lower Upper
42 100
74 102.5 80.8 121.2
44 8.8 5.8 8.6#





#5
2-Fluorophenol
Concen: 85.185 ng
RT: 5.464 min Scan# 404
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

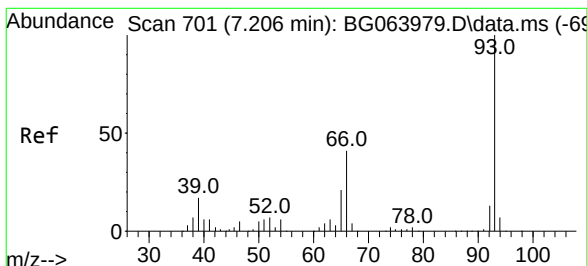
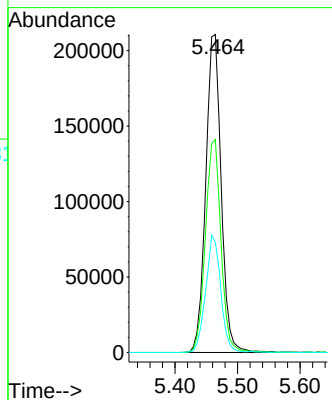
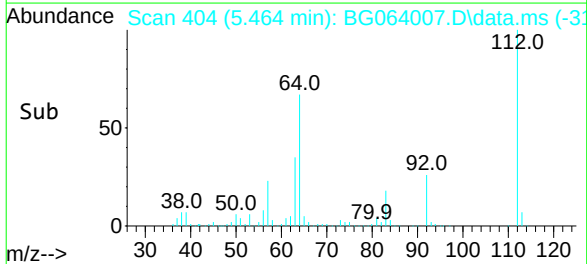
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 112 Resp: 361692
Ion Ratio Lower Upper
112 100
64 67.0 55.8 83.8
63 34.7 29.3 43.9

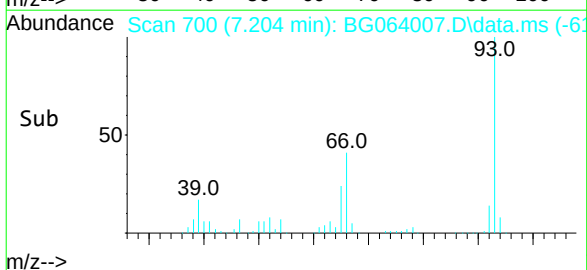
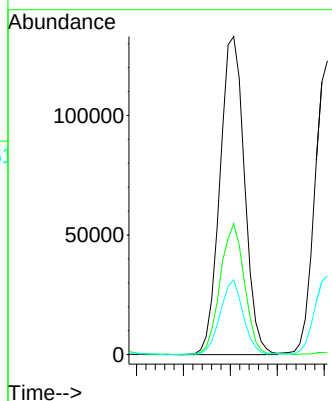
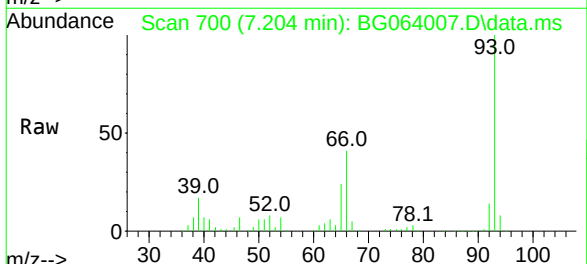
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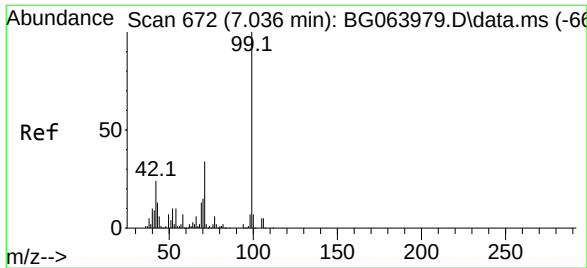
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 38.835 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

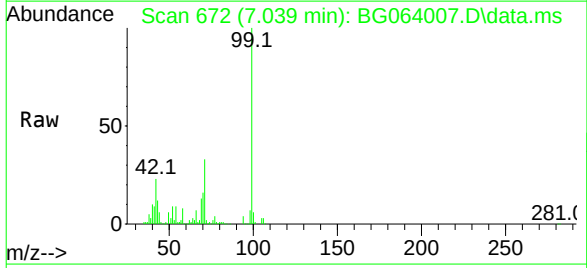
Tgt Ion: 93 Resp: 242491
Ion Ratio Lower Upper
93 100
66 41.2 32.5 48.7
65 23.5 16.6 25.0





#7
Phenol-d6
Concen: 83.675 ng
RT: 7.039 min Scan# 671
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

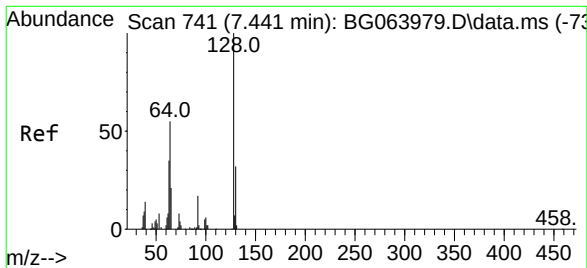
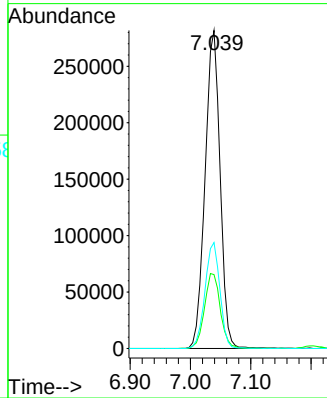
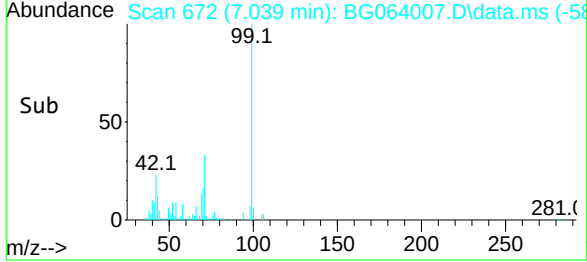
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 487559
Ion Ratio Lower Upper
99 100
42 23.2 18.9 28.3
71 33.3 27.0 40.6

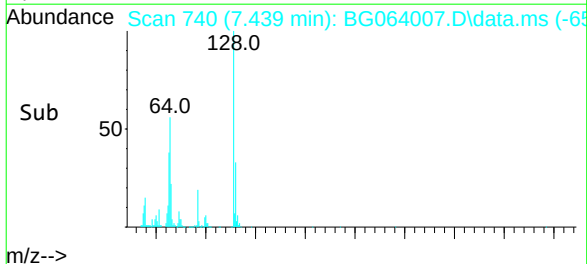
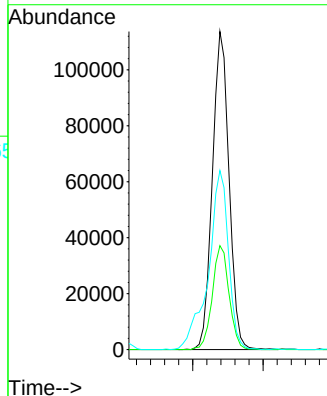
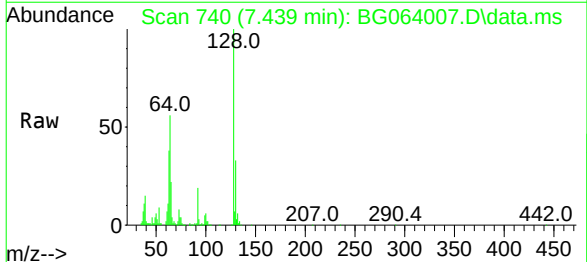
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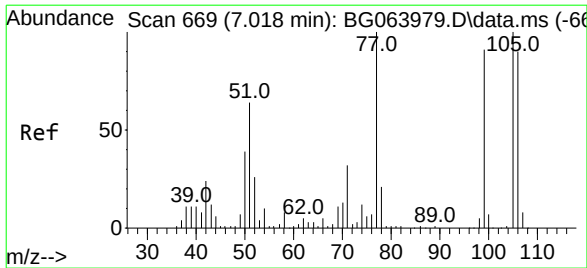
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#8
2-Chlorophenol
Concen: 43.132 ng
RT: 7.439 min Scan# 740
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

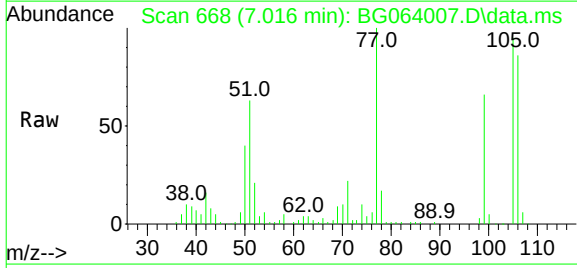
Tgt Ion:128 Resp: 186612
Ion Ratio Lower Upper
128 100
130 32.7 11.9 51.9
64 56.3 36.8 76.8





#9
Benzaldehyde
Concen: 44.228 ng
RT: 7.016 min Scan# 668
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

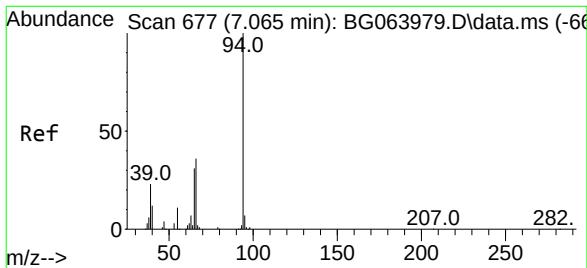
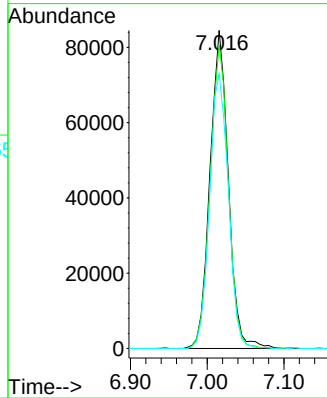
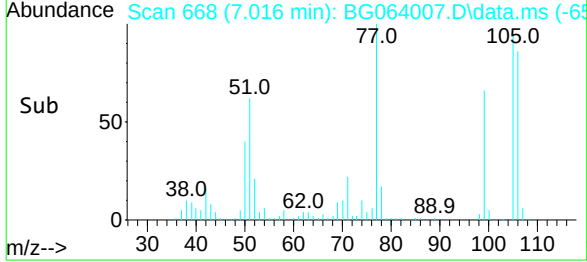
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 140687
Ion Ratio Lower Upper
77 100
105 95.5 79.8 119.8
106 86.3 69.9 109.9

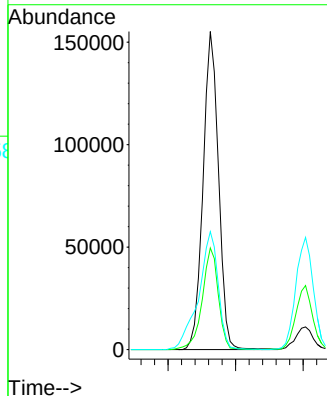
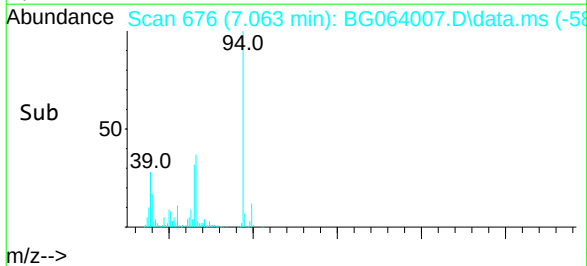
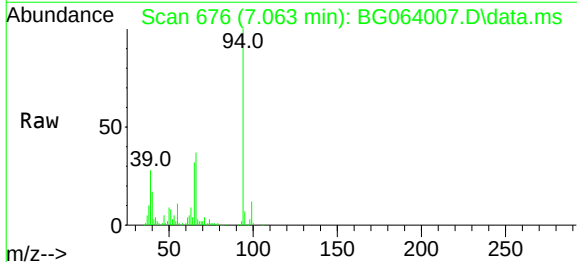
Manual Integrations
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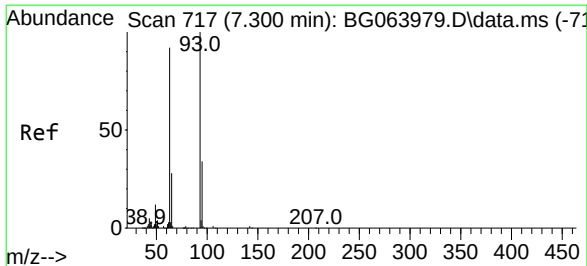
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#10
Phenol
Concen: 40.263 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

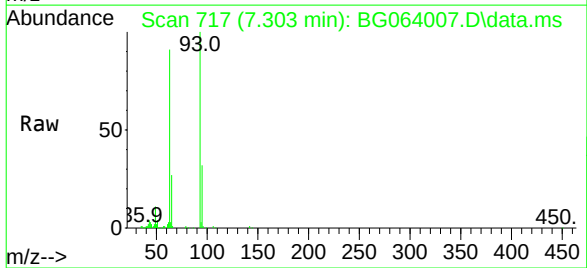
Tgt Ion: 94 Resp: 246957
Ion Ratio Lower Upper
94 100
65 32.0 11.4 51.4
66 37.1 16.7 56.7





#11
bis(2-Chloroethyl)ether
Concen: 38.522 ng
RT: 7.303 min Scan# 717
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

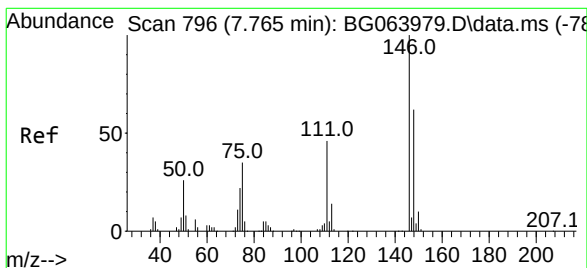
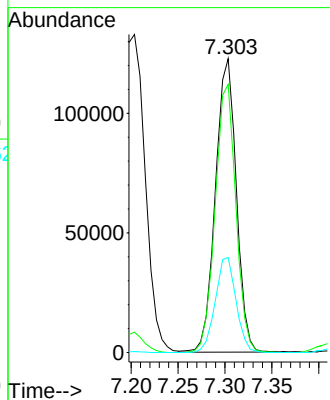
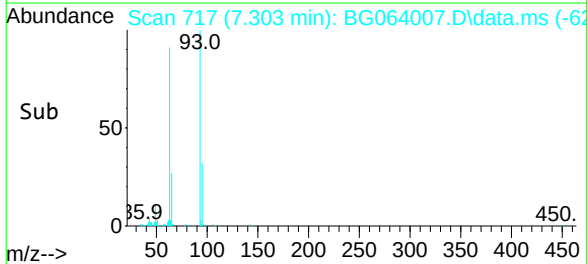
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 93 Resp: 190260
Ion Ratio Lower Upper
93 100
63 91.3 71.2 111.2
95 32.3 13.9 53.9

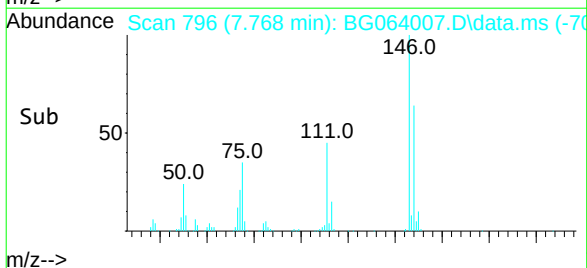
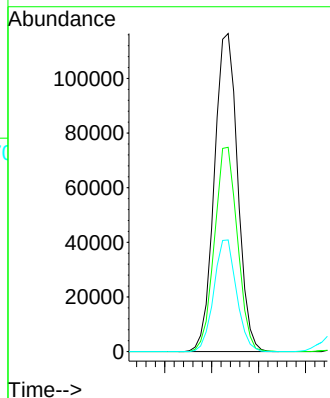
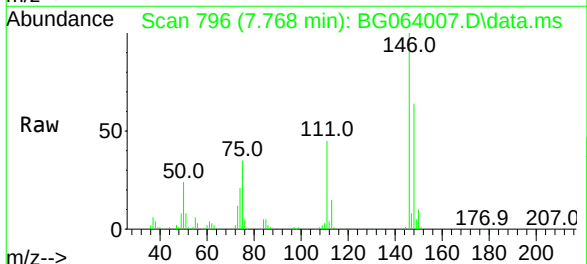
Manual Integrations
APPROVED

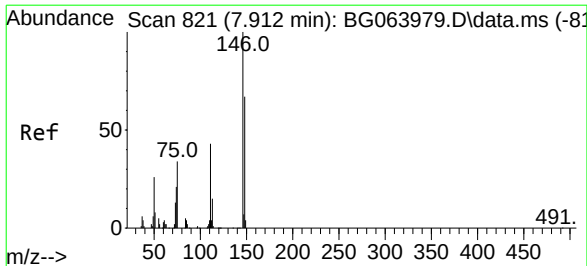
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 39.013 ng
RT: 7.768 min Scan# 796
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

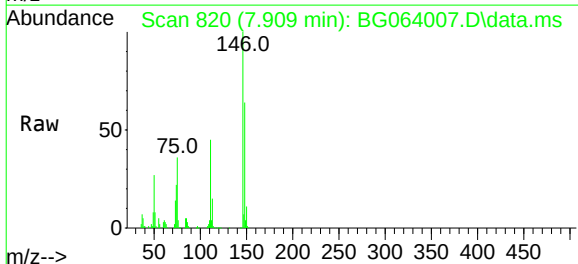
Tgt Ion:146 Resp: 200851
Ion Ratio Lower Upper
146 100
148 64.2 49.6 74.4
75 35.1 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 39.095 ng
RT: 7.909 min Scan# 821
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

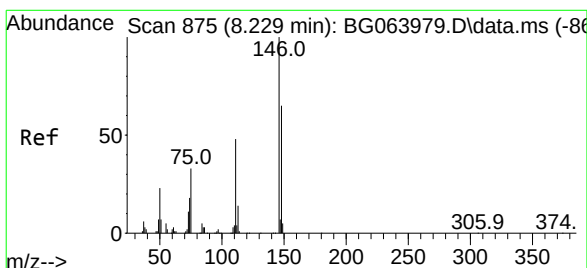
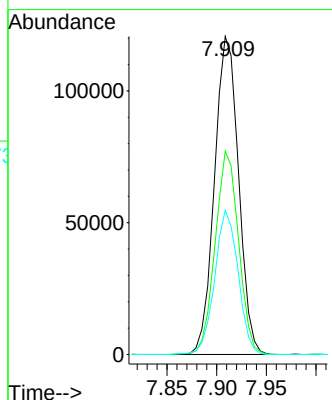
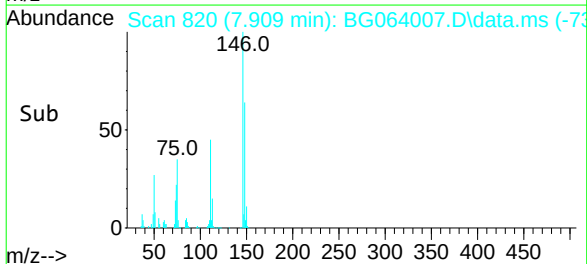
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:146 Resp: 203276
Ion Ratio Lower Upper
146 100
148 63.9 53.3 79.9
111 45.4 34.8 52.2

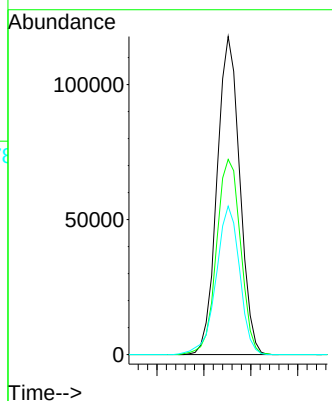
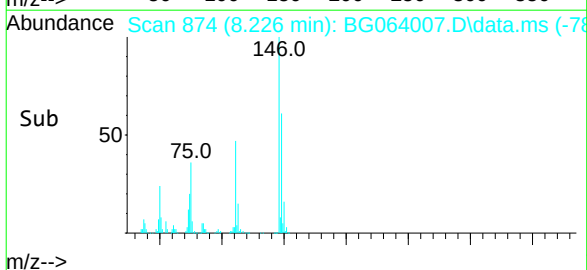
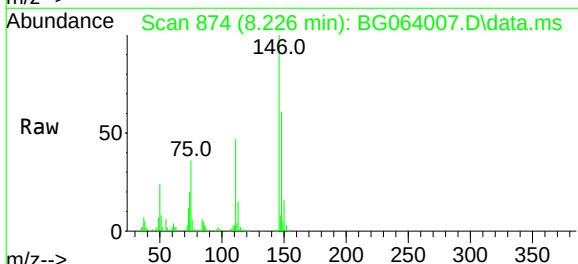
Manual Integrations
APPROVED

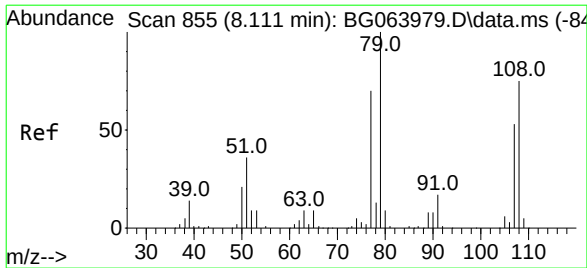
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#14
1,2-Dichlorobenzene
Concen: 39.783 ng
RT: 8.226 min Scan# 874
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Tgt Ion:146 Resp: 198258
Ion Ratio Lower Upper
146 100
148 61.4 52.0 78.0
111 46.7 38.2 57.2





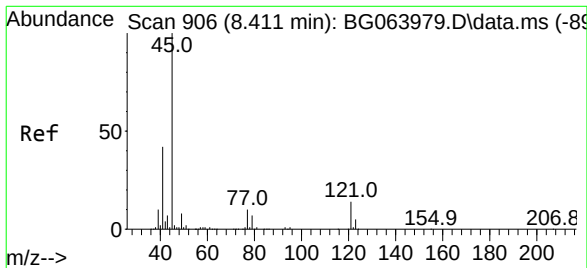
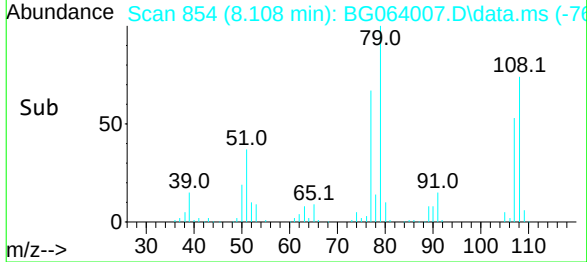
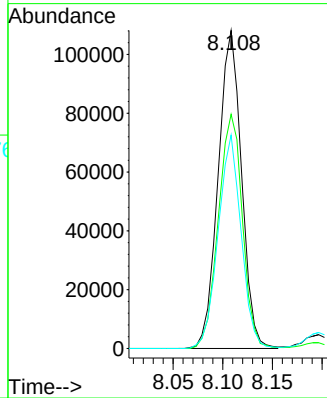
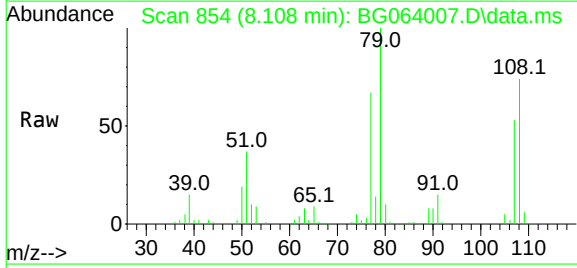
#15
Benzyl Alcohol
Concen: 40.565 ng
RT: 8.108 min Scan# 855
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 176670
Ion Ratio Lower Upper
79 100
108 73.6 60.3 90.5
77 67.1 55.8 83.8

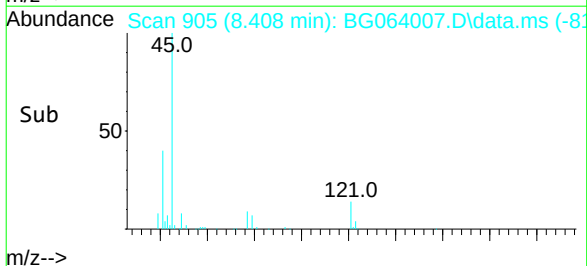
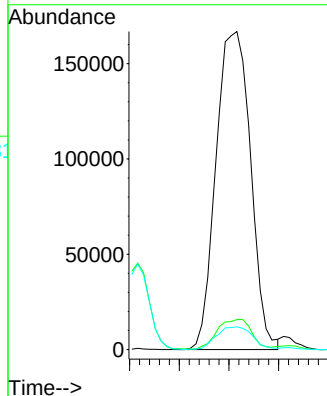
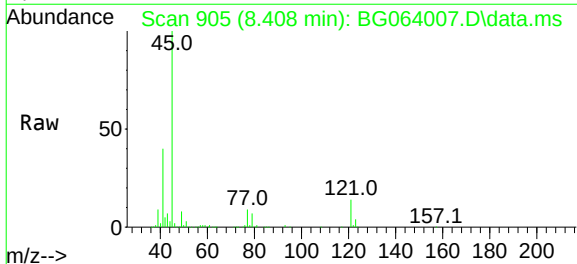
Manual Integrations
APPROVED

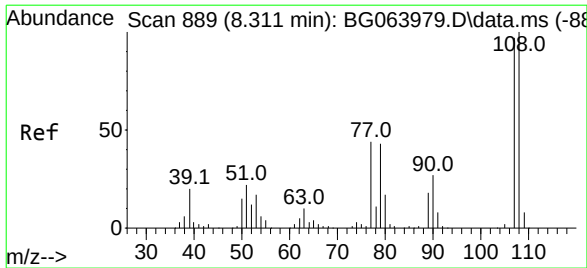
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.621 ng
RT: 8.408 min Scan# 905
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

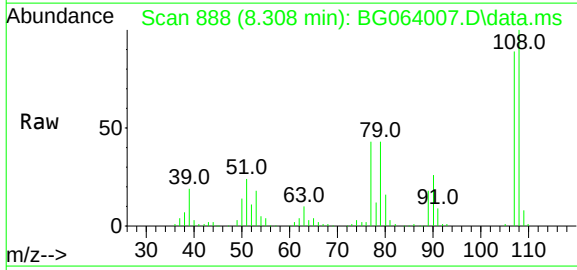
Tgt Ion: 45 Resp: 404003
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.8
79 7.2 0.0 27.7





#17
2-Methylphenol
Concen: 40.281 ng
RT: 8.308 min Scan# 889
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

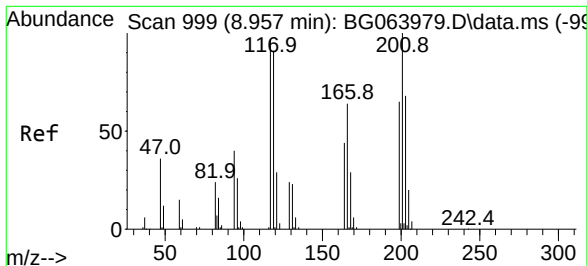
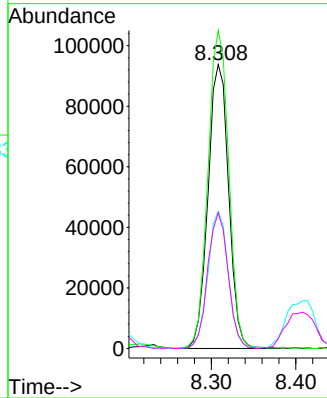
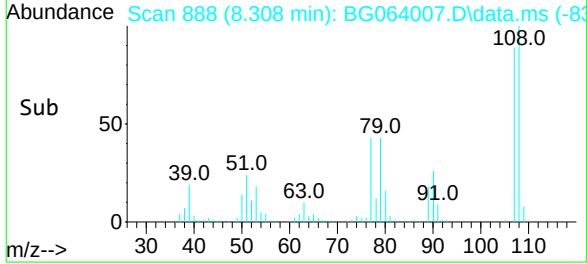
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:107 Resp: 159788
Ion Ratio Lower Upper
107 100
108 112.0 82.9 124.3
77 48.4 36.4 54.6
79 47.8 35.4 53.0

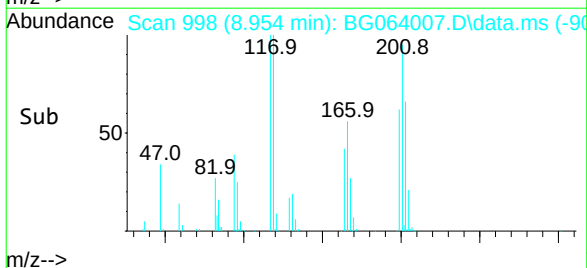
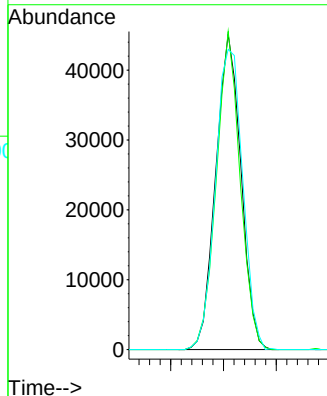
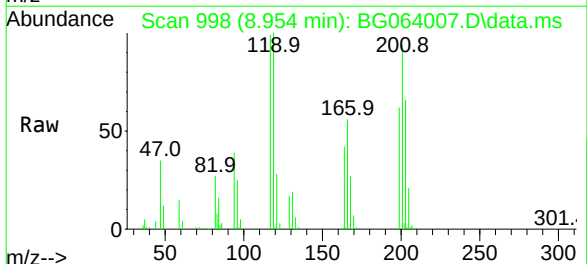
Manual Integrations
APPROVED

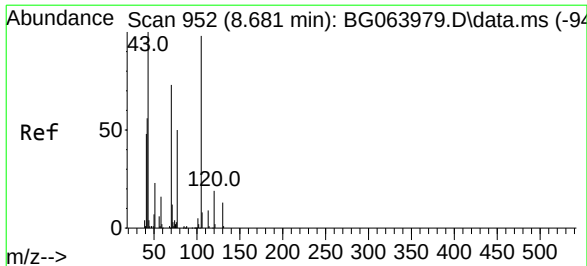
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#18
Hexachloroethane
Concen: 43.803 ng
RT: 8.954 min Scan# 998
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

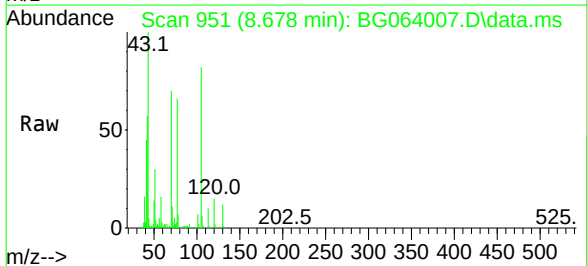
Tgt Ion:117 Resp: 74954
Ion Ratio Lower Upper
117 100
119 100.9 75.4 113.0
201 95.2 82.4 123.6





#19
n-Nitroso-di-n-propylamine
Concen: 40.268 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

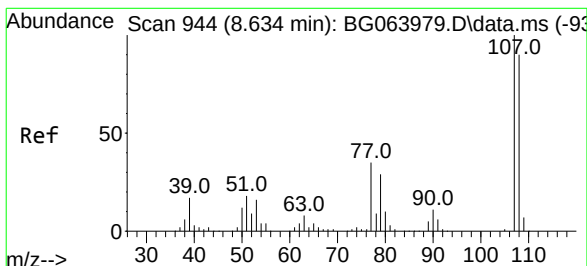
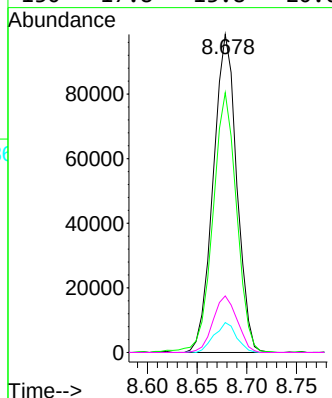
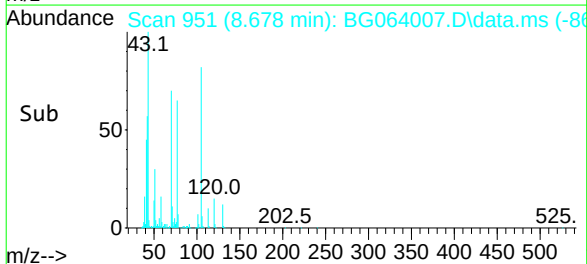
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



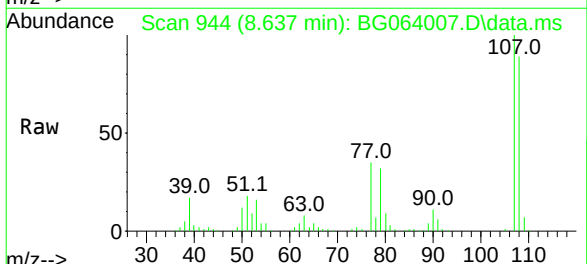
Tgt Ion: 70 Resp: 162487
Ion Ratio Lower Upper
70 100
42 81.7 62.2 93.4
101 9.4 5.6 8.4#
130 17.8 13.8 20.6

Manual Integrations
APPROVED

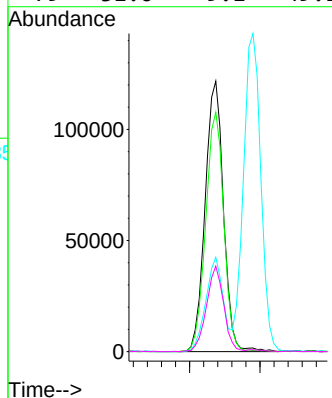
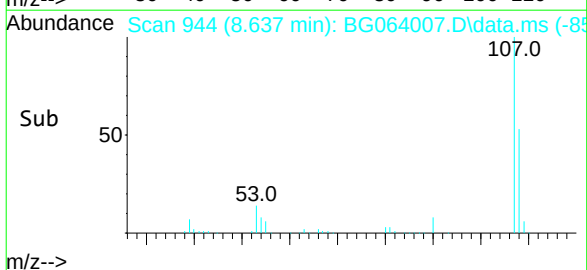
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

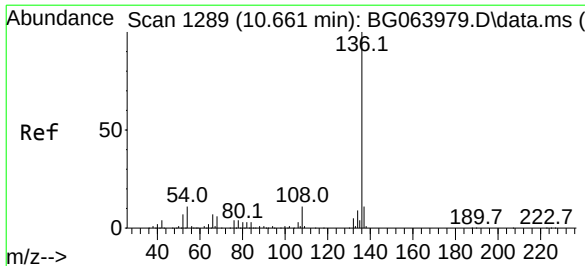


#20
3+4-Methylphenols
Concen: 41.675 ng
RT: 8.637 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



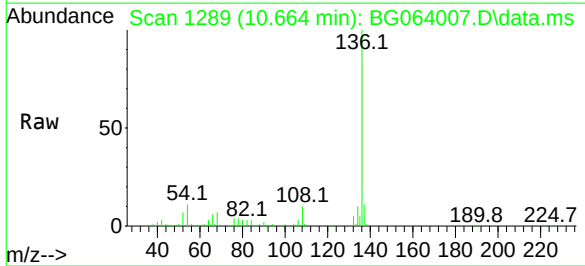
Tgt Ion:107 Resp: 220247
Ion Ratio Lower Upper
107 100
108 88.5 70.0 110.0
77 34.9 15.2 55.2
79 31.6 9.1 49.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.664 min Scan# 1289
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

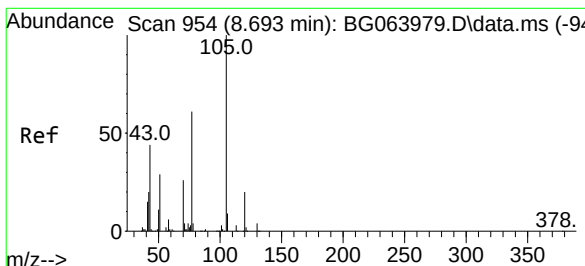
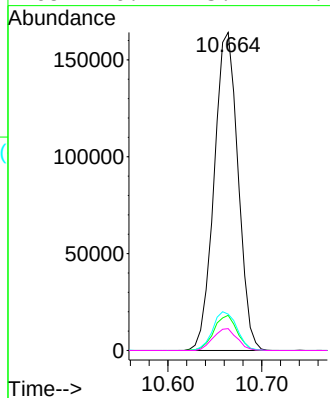
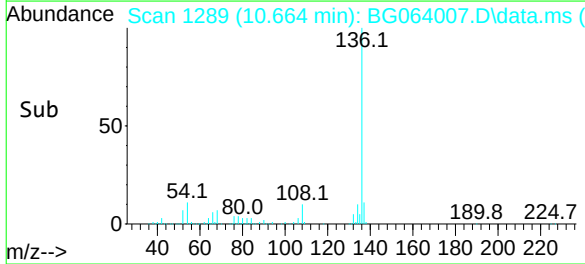
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



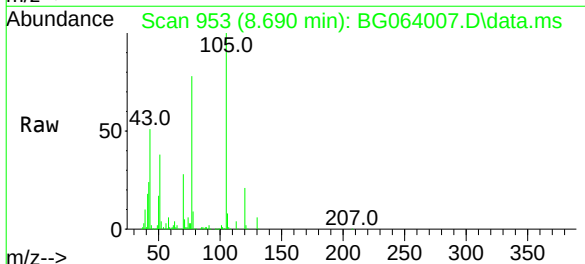
Tgt Ion:	136	Resp:	290477
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	11.4	9.2	13.8
68	6.9	5.1	7.7

Manual Integrations
APPROVED

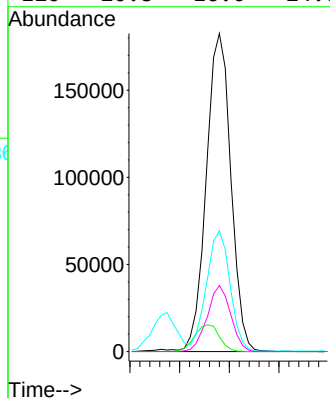
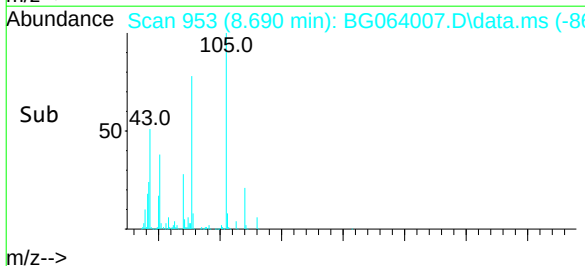
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

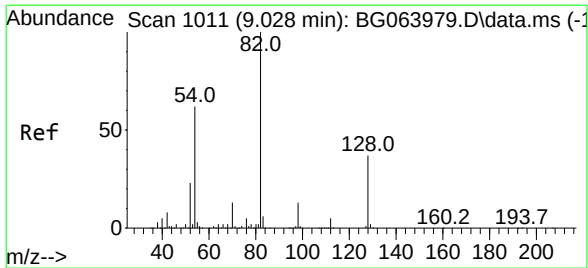


#22
Acetophenone
Concen: 39.302 ng
RT: 8.690 min Scan# 953
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



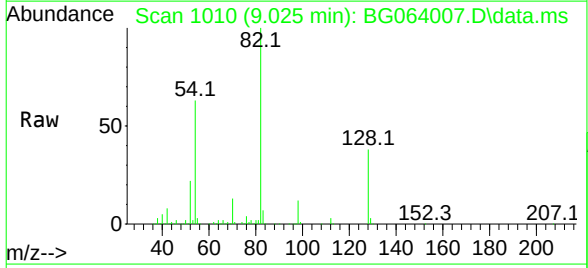
Tgt Ion:	105	Resp:	313669
Ion Ratio	Lower	Upper	
105	100		
71	4.6	3.1	4.7
51	38.0	29.9	44.9
120	20.8	16.0	24.0





#23
 Nitrobenzene-d5
 Concen: 91.477 ng
 RT: 9.025 min Scan# 1010
 Delta R.T. -0.003 min
 Lab File: BG064007.D
 Acq: 5 Feb 2025 20:22

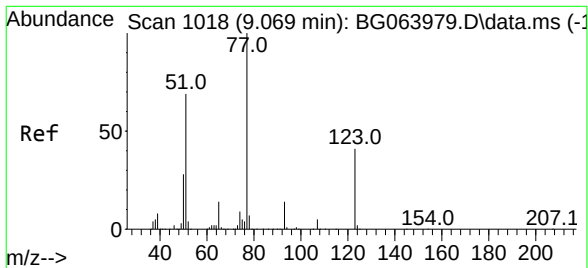
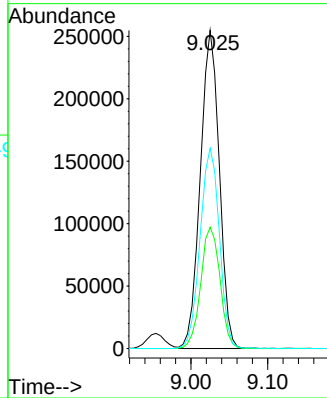
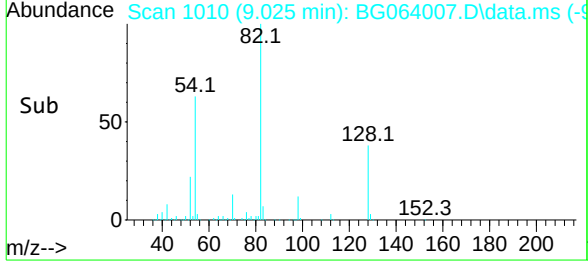
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC



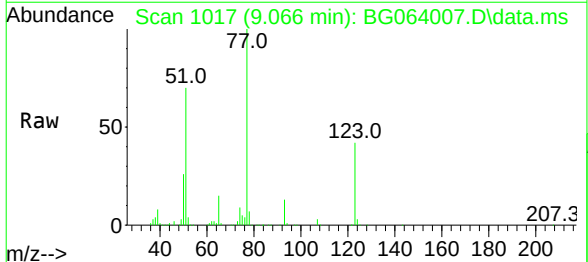
Tgt Ion: 82 Resp: 437214
 Ion Ratio Lower Upper
 82 100
 128 38.1 29.4 44.2
 54 63.0 49.9 74.9

Manual Integrations
 APPROVED

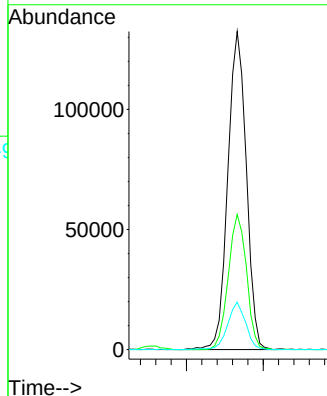
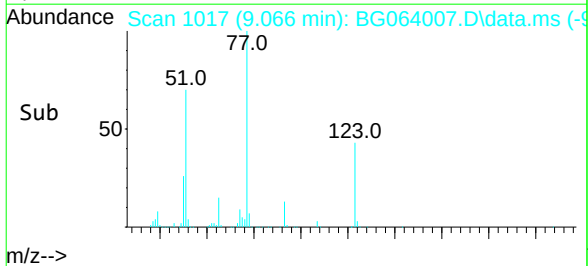
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

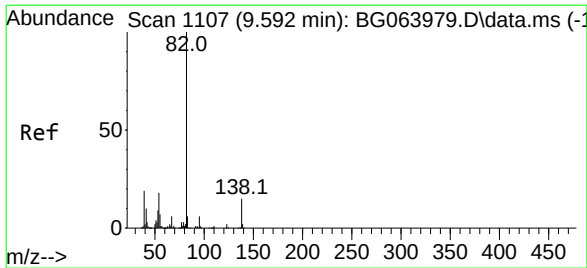


#24
 Nitrobenzene
 Concen: 40.708 ng
 RT: 9.066 min Scan# 1017
 Delta R.T. -0.003 min
 Lab File: BG064007.D
 Acq: 5 Feb 2025 20:22



Tgt Ion: 77 Resp: 221414
 Ion Ratio Lower Upper
 77 100
 123 42.5 32.9 49.3
 65 14.9 11.0 16.6





#25

Isophorone

Concen: 39.245 ng

RT: 9.589 min Scan# 1107

Delta R.T. -0.003 min

Lab File: BG064007.D

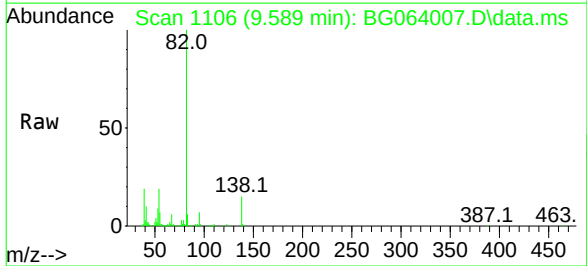
Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 82 Resp: 406620

Ion Ratio Lower Upper

82 100

95 7.0 5.0 7.4

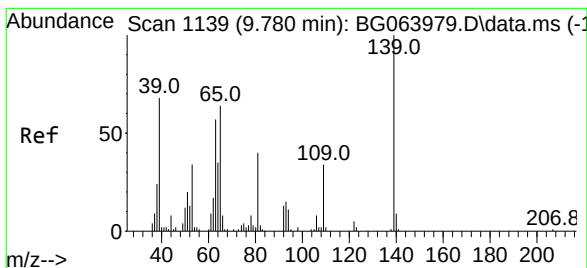
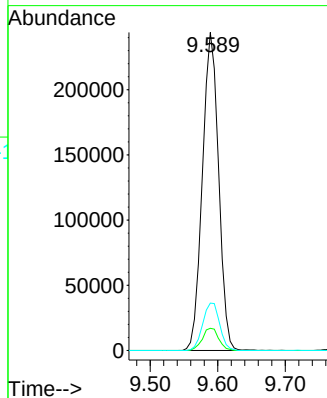
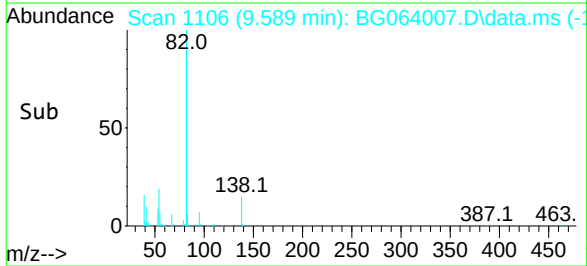
138 14.9 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#26

2-Nitrophenol

Concen: 51.668 ng

RT: 9.777 min Scan# 1138

Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

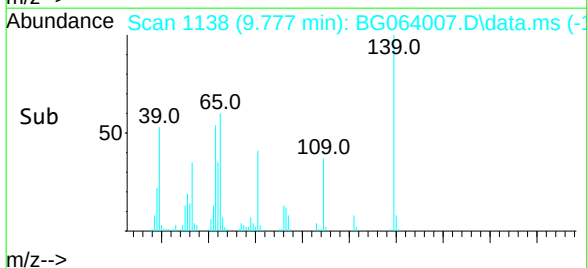
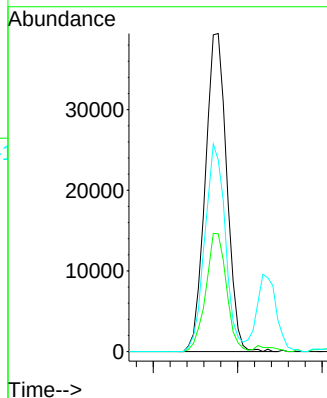
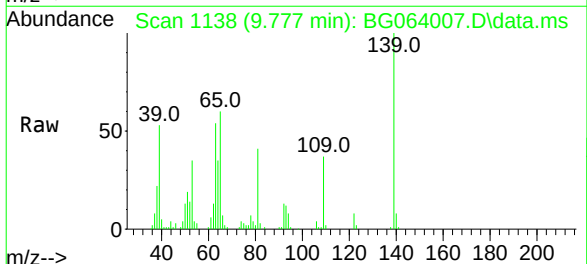
Tgt Ion:139 Resp: 69871

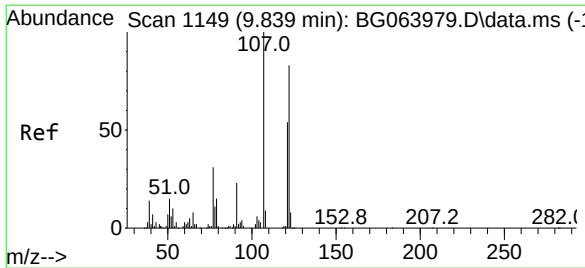
Ion Ratio Lower Upper

139 100

109 37.0 27.1 40.7

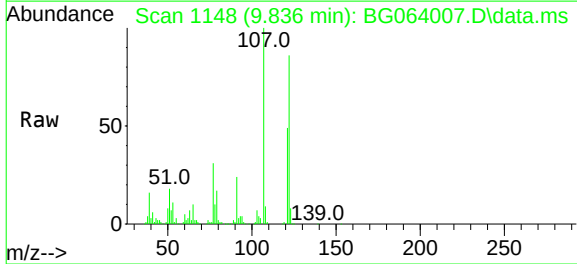
65 60.2 51.0 76.6





#27
2,4-Dimethylphenol
Concen: 42.101 ng
RT: 9.836 min Scan# 1149
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

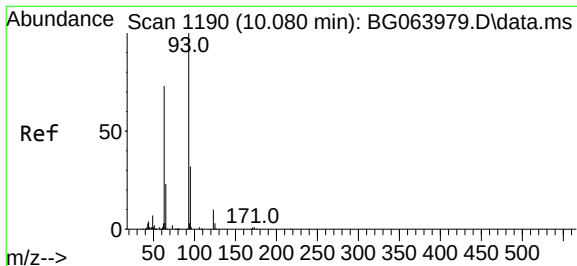
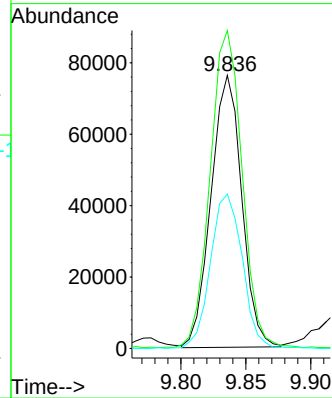
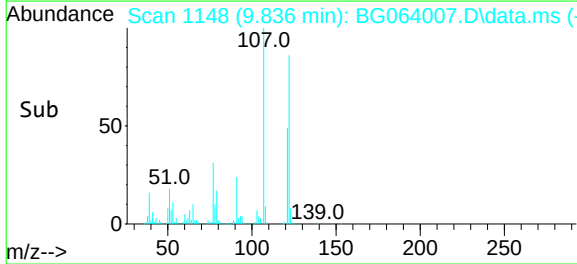
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:122 Resp: 125486
Ion Ratio Lower Upper
122 100
107 116.4 96.4 144.6
121 56.5 51.8 77.6

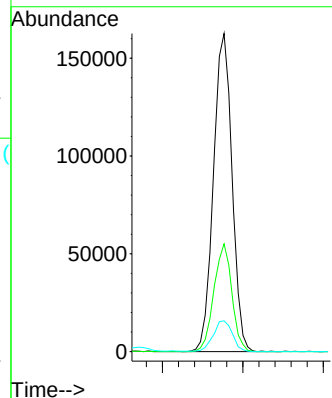
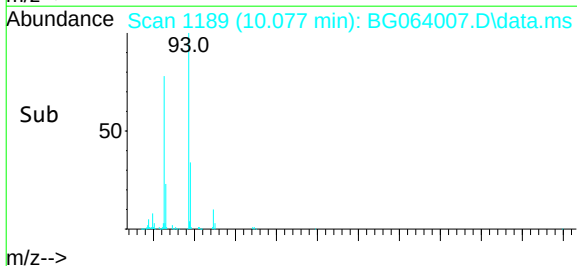
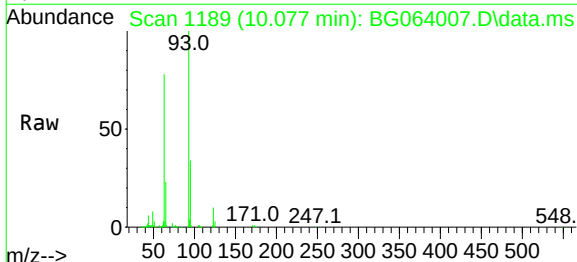
Manual Integrations
APPROVED

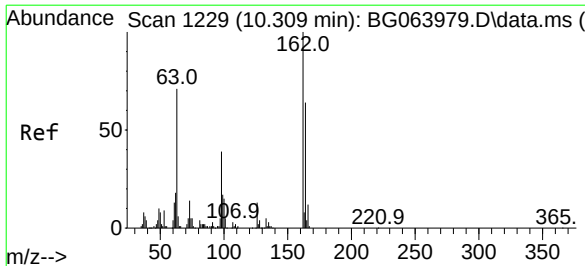
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.543 ng
RT: 10.077 min Scan# 1189
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

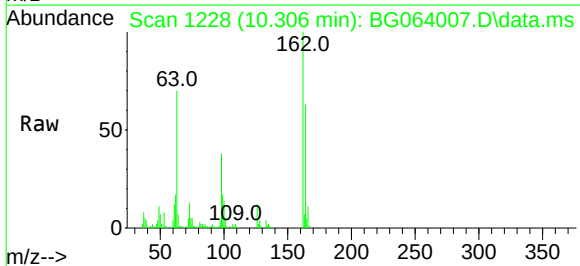
Tgt Ion: 93 Resp: 260697
Ion Ratio Lower Upper
93 100
95 33.9 25.4 38.2
123 9.7 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 40.680 ng
RT: 10.306 min Scan# 1229
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

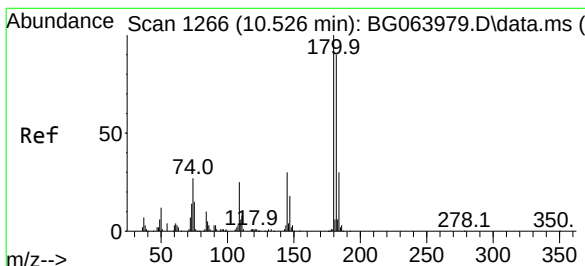
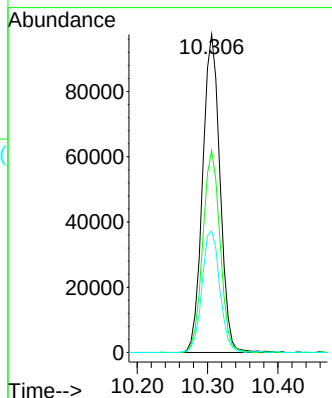
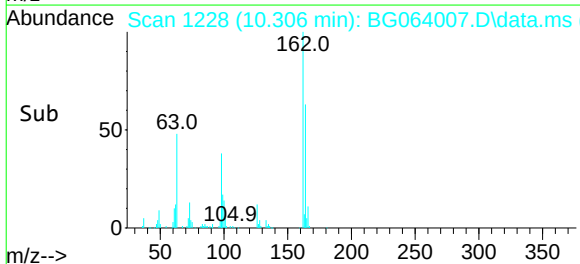
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:162 Resp: 166952
Ion Ratio Lower Upper
162 100
164 63.5 43.6 83.6
98 38.2 18.6 58.6

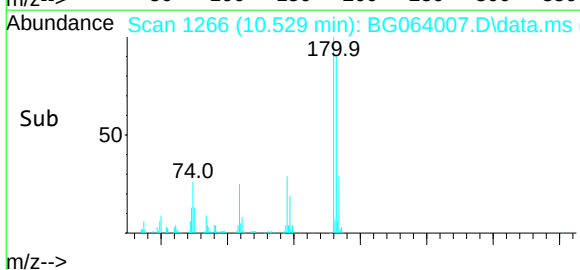
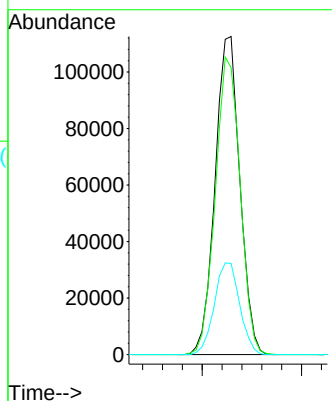
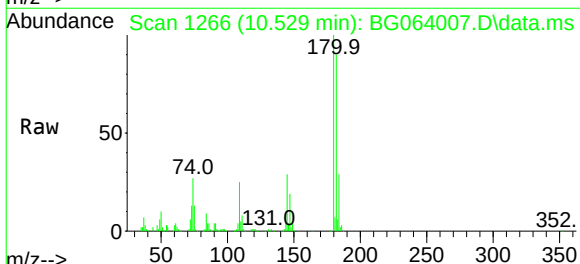
Manual Integrations
APPROVED

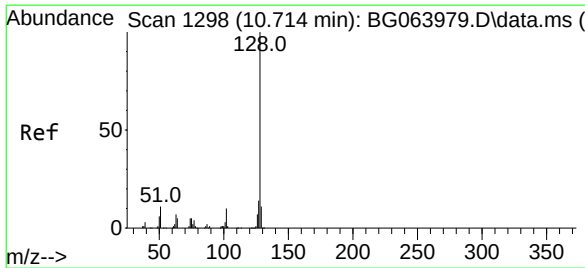
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 39.831 ng
RT: 10.529 min Scan# 1266
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

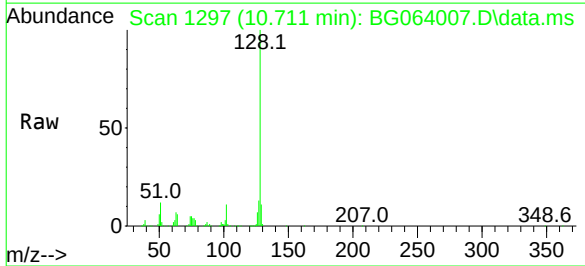
Tgt Ion:180 Resp: 195033
Ion Ratio Lower Upper
180 100
182 90.2 72.3 108.5
145 28.6 23.8 35.8





#31
Naphthalene
Concen: 39.432 ng
RT: 10.711 min Scan# 1298
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

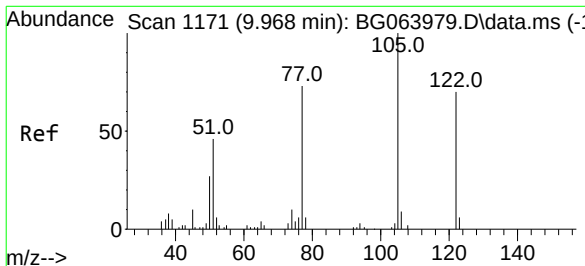
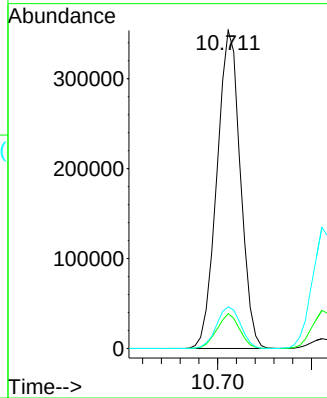
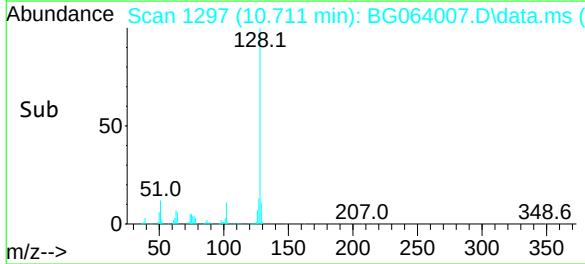
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 614101
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.8 16.2

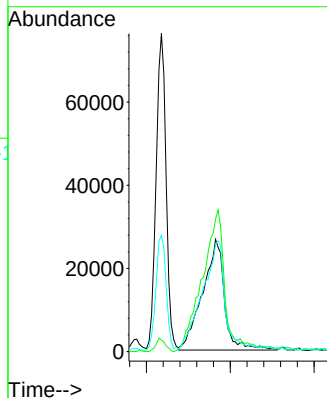
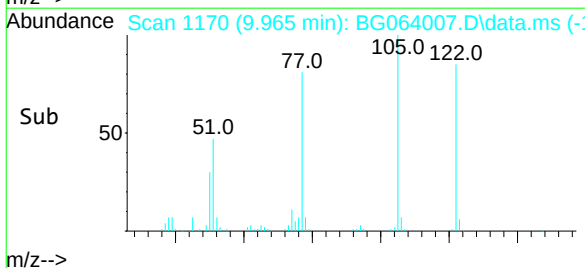
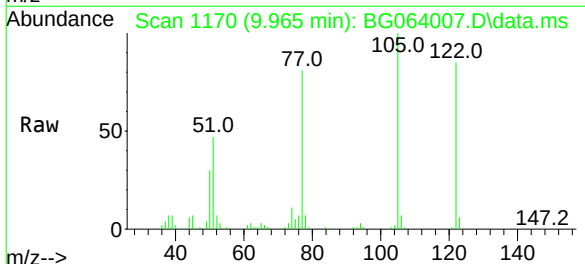
Manual Integrations
APPROVED

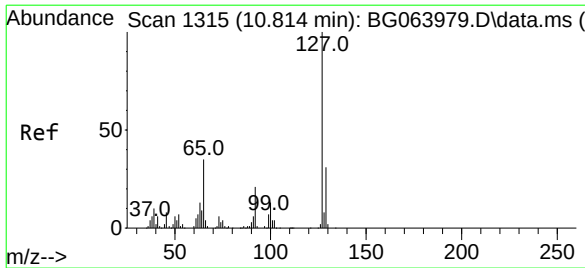
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#32
Benzoic acid
Concen: 48.521 ng m
RT: 9.965 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

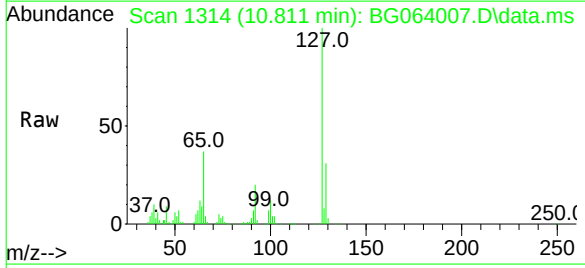
Tgt Ion:122 Resp: 96618
Ion Ratio Lower Upper
122 100
105 118.1 117.9 157.9
77 95.9 83.9 123.9





#33
4-Chloroaniline
Concen: 39.264 ng
RT: 10.811 min Scan# 1315
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

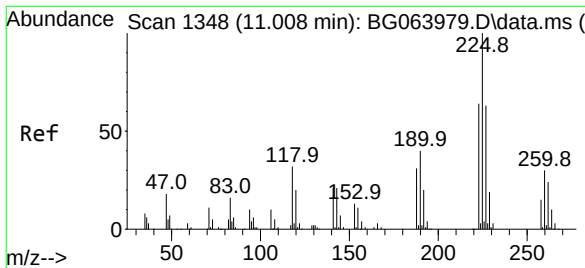
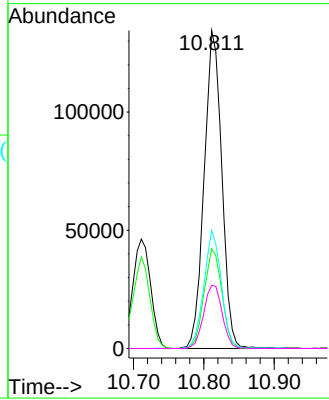
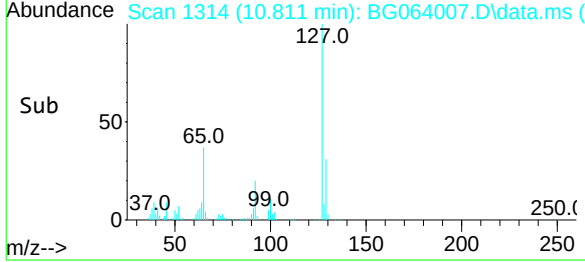
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:	127	Resp:	234282
Ion Ratio	Lower	Upper	
127	100		
129	31.4	24.9	37.3
65	37.1	28.2	42.4
92	19.8	16.9	25.3

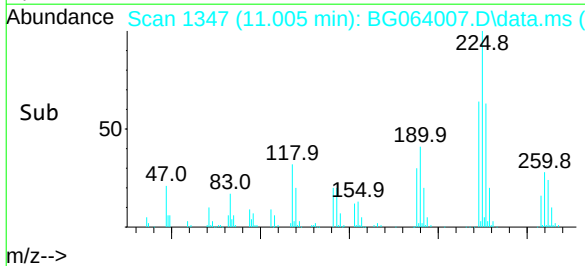
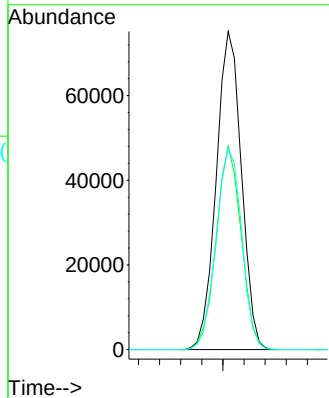
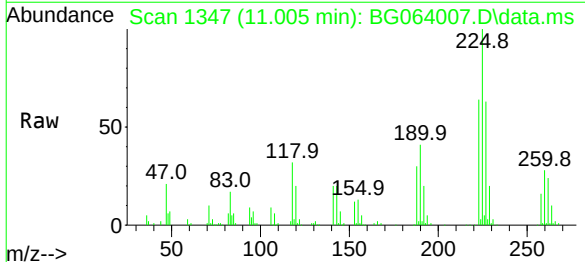
Manual Integrations
APPROVED

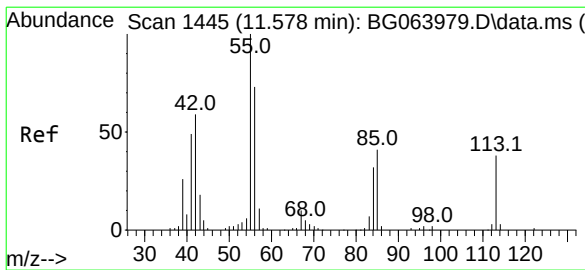
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#34
Hexachlorobutadiene
Concen: 39.969 ng
RT: 11.005 min Scan# 1347
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Tgt Ion:	225	Resp:	124631
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.0	76.6
227	63.4	50.3	75.5





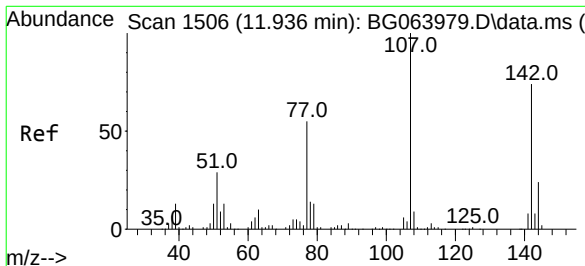
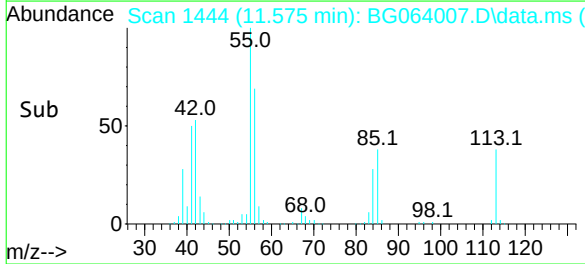
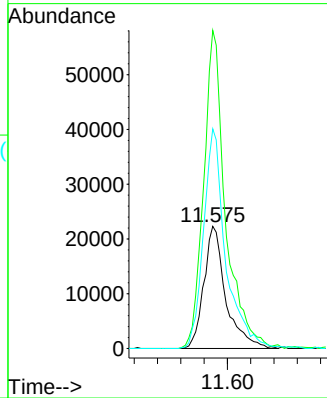
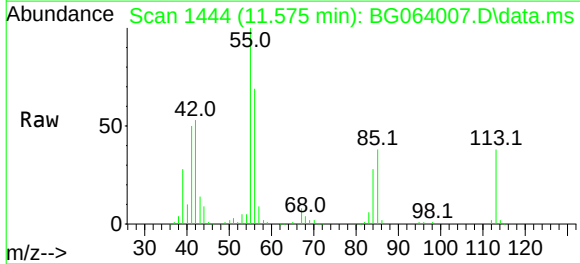
#35
Caprolactam
Concen: 39.380 ng
RT: 11.575 min Scan# 1445
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 58396
Ion Ratio Lower Upper
113 100
55 260.3 241.8 281.8
56 179.8 171.5 211.5

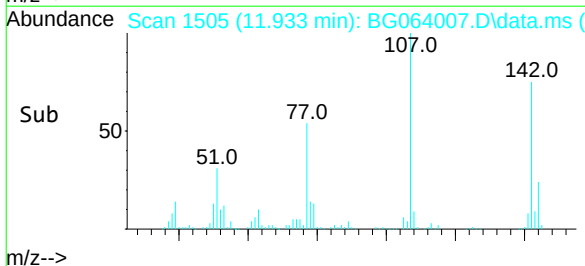
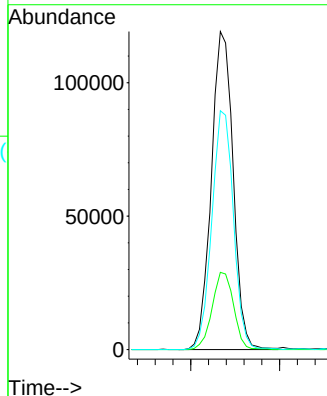
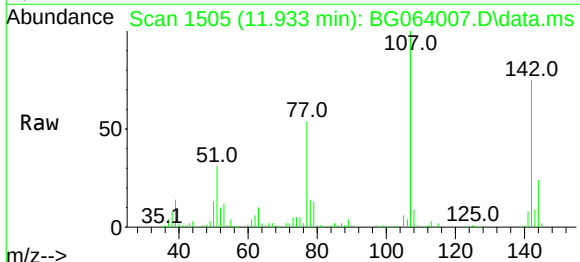
Manual Integrations
APPROVED

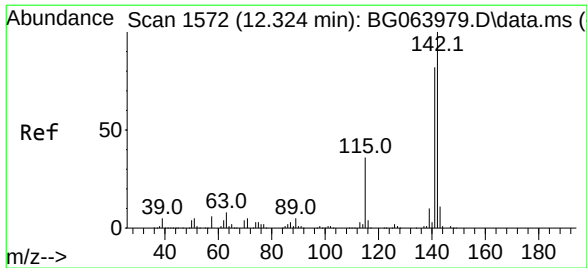
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#36
4-Chloro-3-methylphenol
Concen: 42.630 ng
RT: 11.933 min Scan# 1505
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

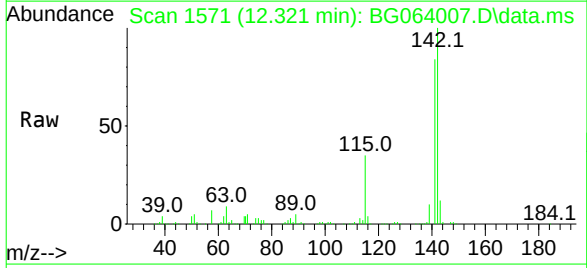
Tgt Ion:107 Resp: 203371
Ion Ratio Lower Upper
107 100
144 24.3 19.2 28.8
142 75.1 58.9 88.3





#37
2-Methylnaphthalene
Concen: 39.483 ng
RT: 12.321 min Scan# 1572
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

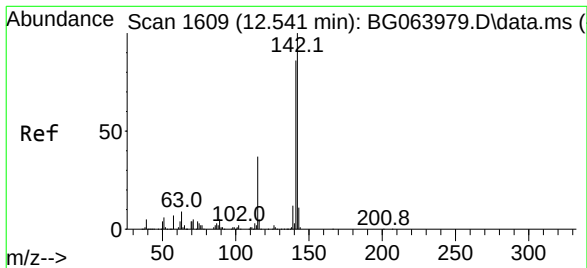
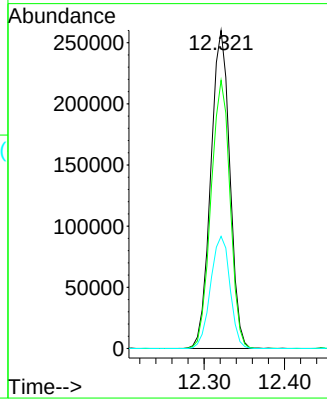
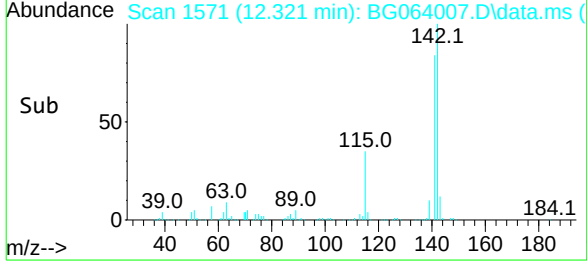
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:142 Resp: 428488
Ion Ratio Lower Upper
142 100
141 84.3 65.8 98.8
115 35.3 28.9 43.3

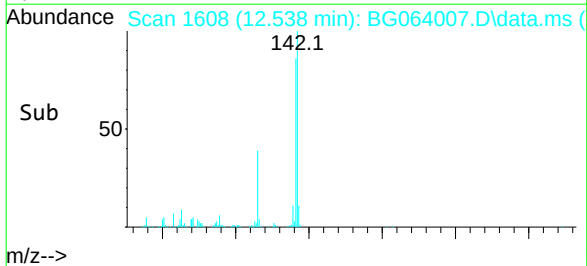
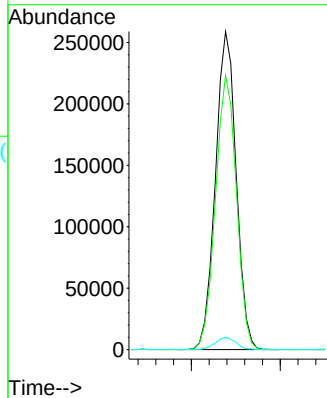
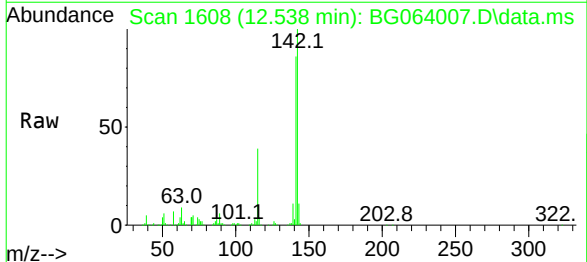
Manual Integrations
APPROVED

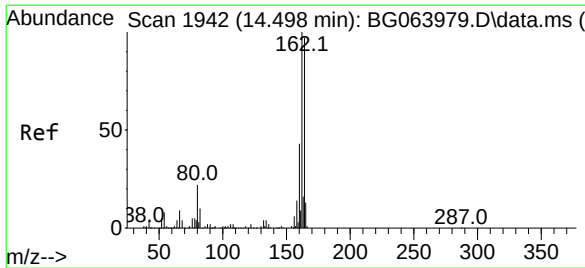
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 39.060 ng
RT: 12.538 min Scan# 1608
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Tgt Ion:142 Resp: 419437
Ion Ratio Lower Upper
142 100
141 86.3 69.2 103.8
116 3.9 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.495 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

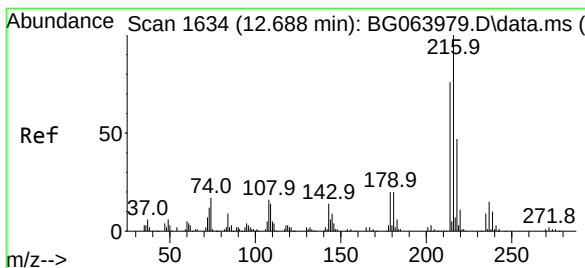
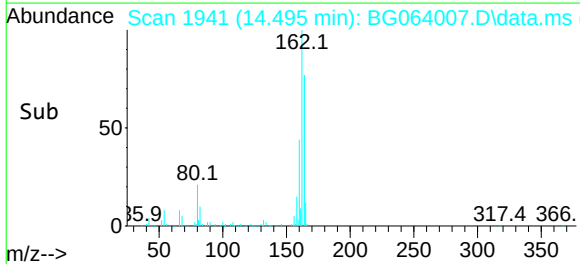
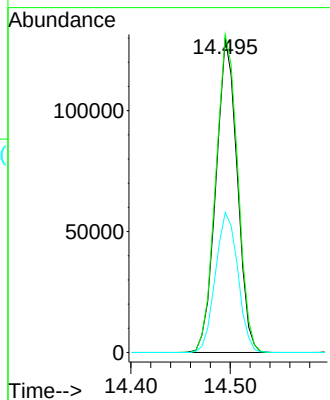
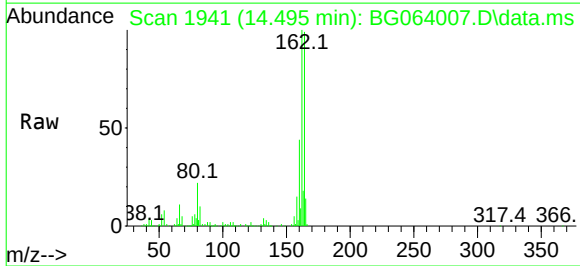
SSTDCCC040EC

Tgt Ion:164 Resp: 193695
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 44.6 35.4 53.0

Manual Integrations

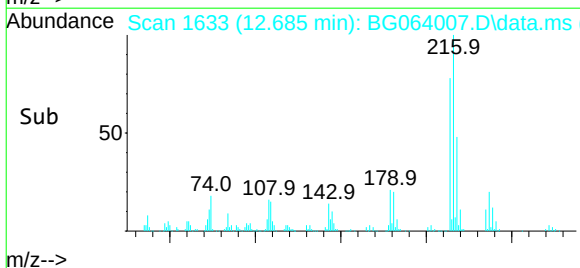
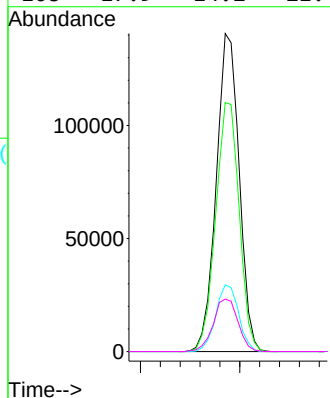
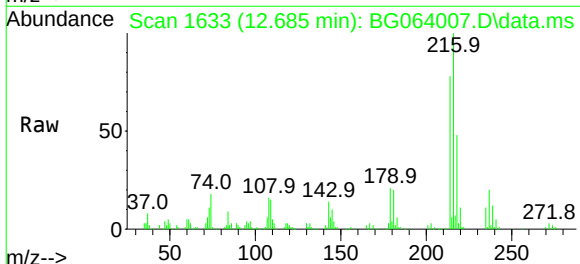
APPROVED

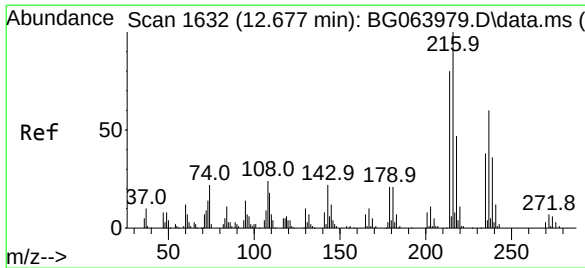
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.466 ng
RT: 12.685 min Scan# 1633
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Tgt Ion:216 Resp: 225430
Ion Ratio Lower Upper
216 100
214 80.3 62.9 94.3
179 20.9 16.6 25.0
108 17.9 14.2 21.4





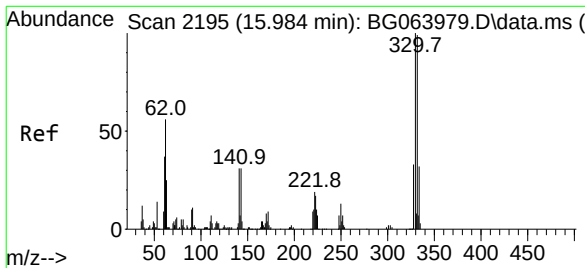
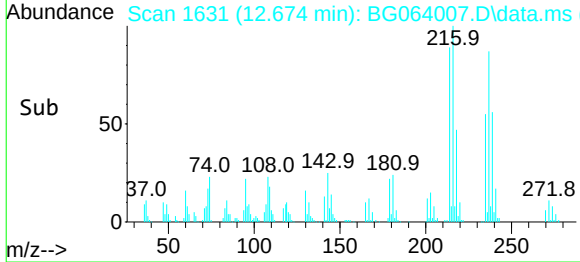
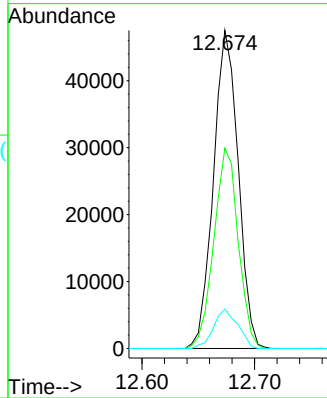
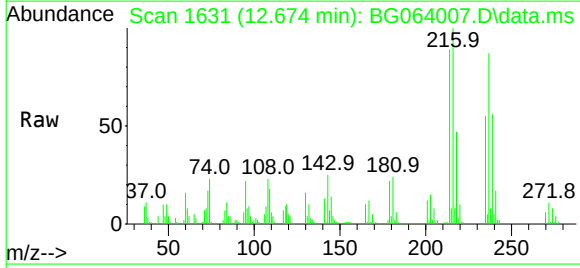
#41
Hexachlorocyclopentadiene
Concen: 50.160 ng
RT: 12.674 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.8	83.8
272	12.4	0.0	32.3

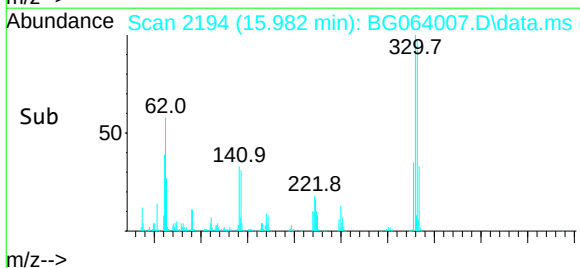
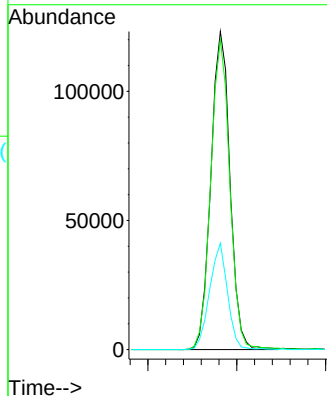
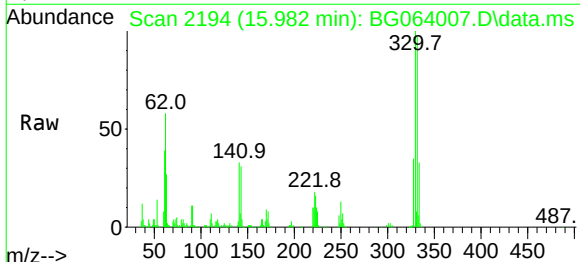
Manual Integrations
APPROVED

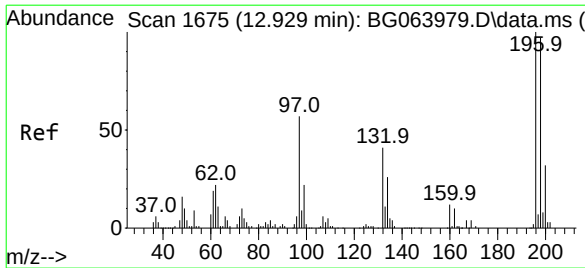
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#42
2,4,6-Tribromophenol
Concen: 87.719 ng
RT: 15.982 min Scan# 2194
Delta R.T. -0.002 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.6
141	31.4	27.2	40.8





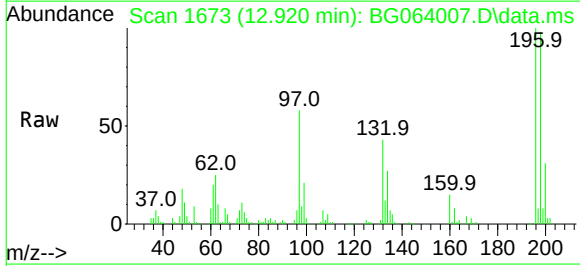
#43
2,4,6-Trichlorophenol
Concen: 41.815 ng
RT: 12.920 min Scan# 1675
Delta R.T. -0.009 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



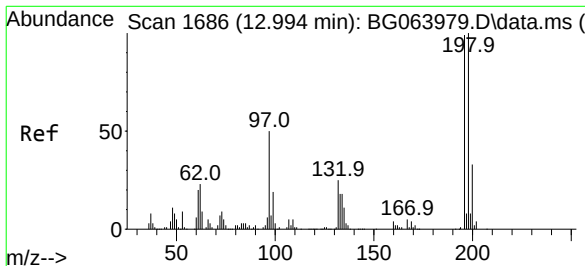
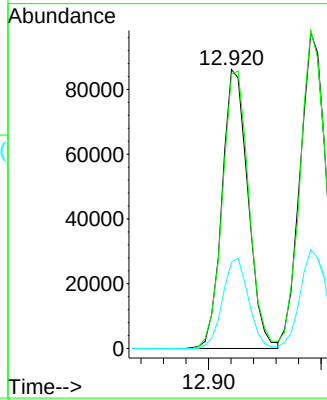
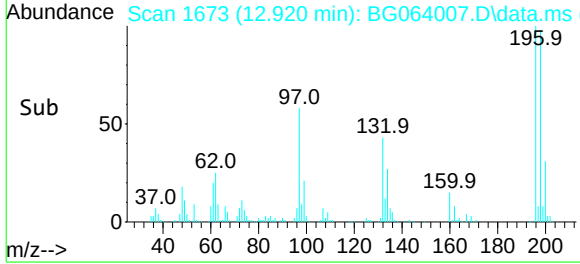
Tgt Ion:196 Resp: 138046
Ion Ratio Lower Upper
196 100
198 98.3 77.9 116.9
200 30.9 25.5 38.3

Manual Integrations

APPROVED

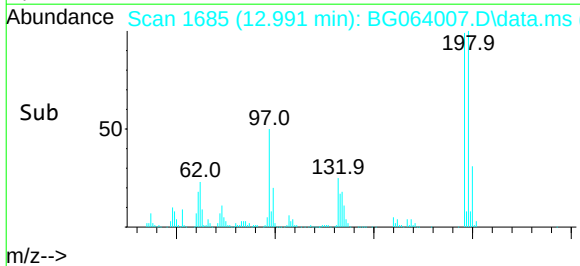
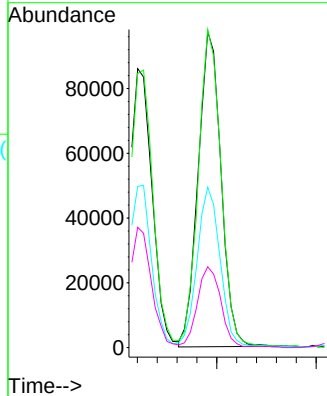
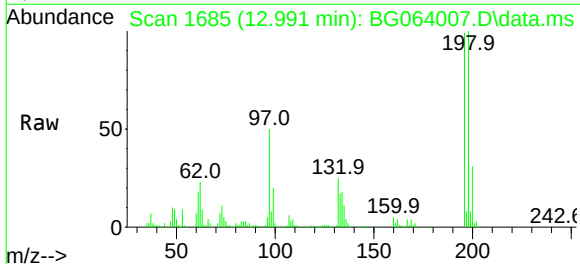
Reviewed By :Yogesh Patel 02/06/2025

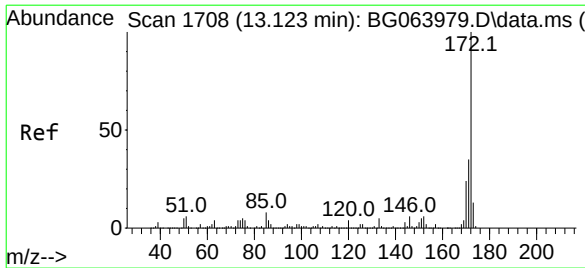
Supervised By :mohammad ahmed 02/06/2025



#44
2,4,5-Trichlorophenol
Concen: 41.880 ng
RT: 12.991 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

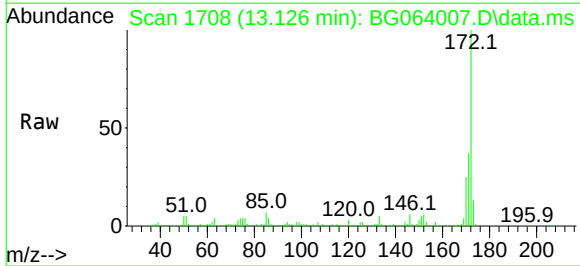
Tgt Ion:196 Resp: 156096
Ion Ratio Lower Upper
196 100
198 100.7 81.1 121.7
97 50.7 41.2 61.8
132 25.6 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 78.860 ng
RT: 13.126 min Scan# 1708
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

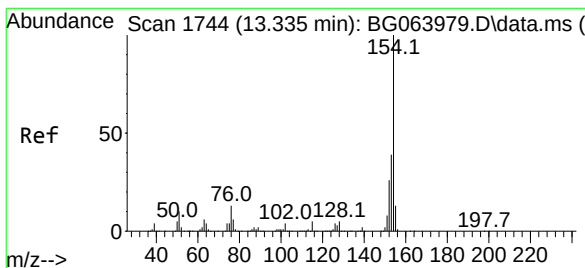
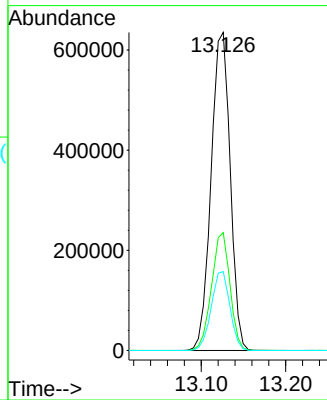
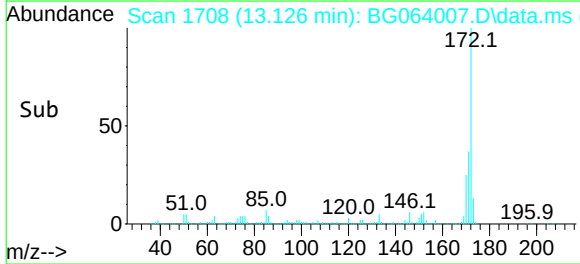
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



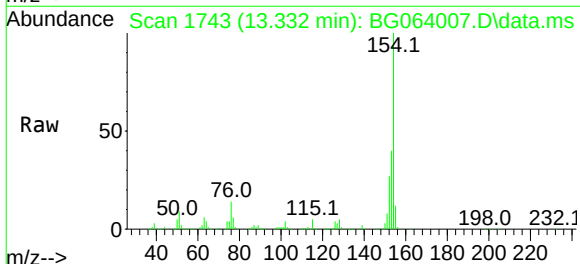
Tgt Ion:172 Resp: 996963
Ion Ratio Lower Upper
172 100
171 37.1 27.8 41.6
170 24.8 19.4 29.2

Manual Integrations
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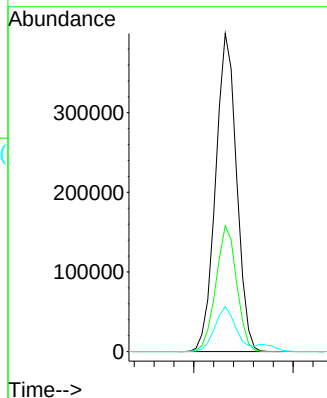
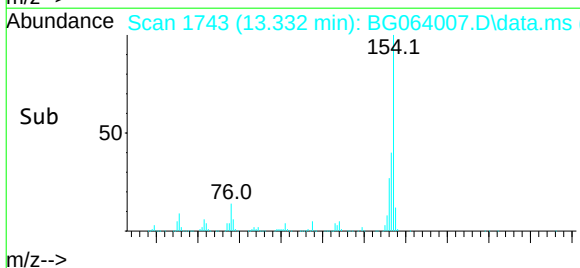
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

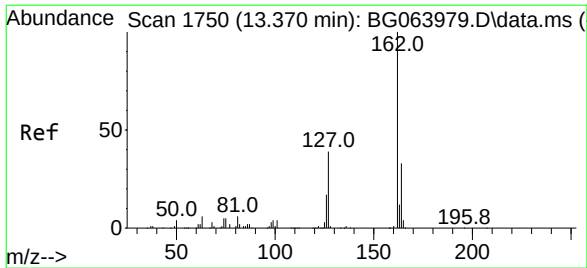


#46
1,1'-Biphenyl
Concen: 39.790 ng
RT: 13.332 min Scan# 1743
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



Tgt Ion:154 Resp: 586804
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 14.1 0.0 33.3





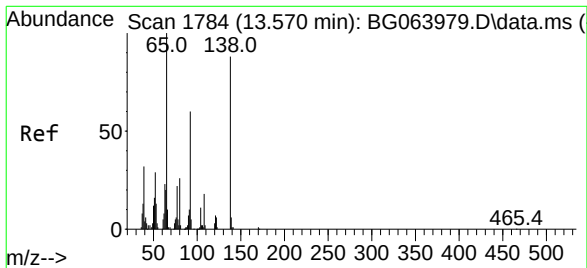
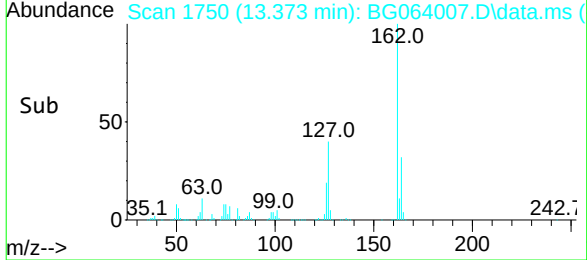
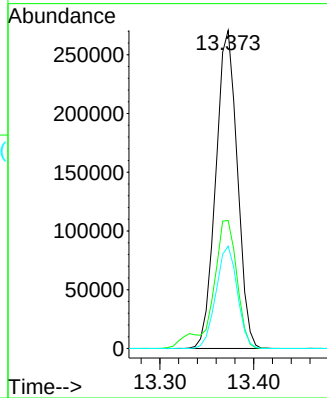
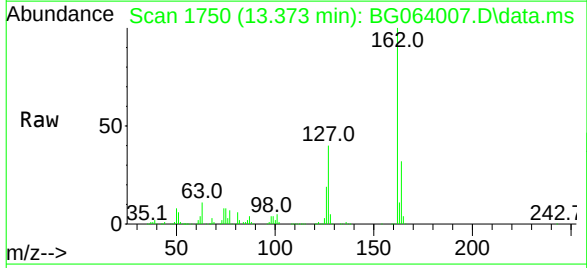
#47
2-Chloronaphthalene
Concen: 40.128 ng
RT: 13.373 min Scan# 1750
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 431329
Ion Ratio Lower Upper
162 100
127 40.2 33.4 50.2
164 32.2 26.0 39.0

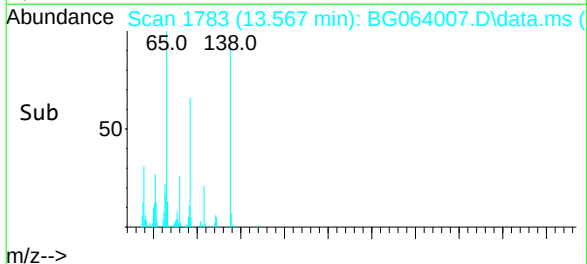
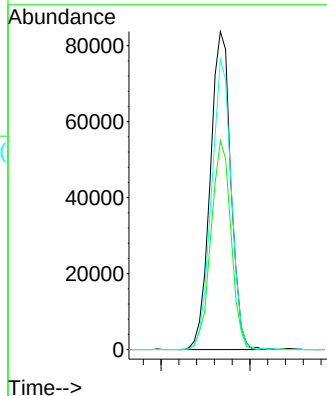
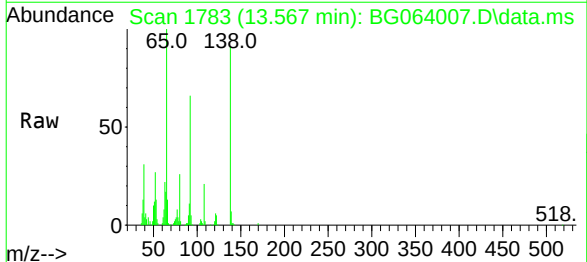
Manual Integrations
APPROVED

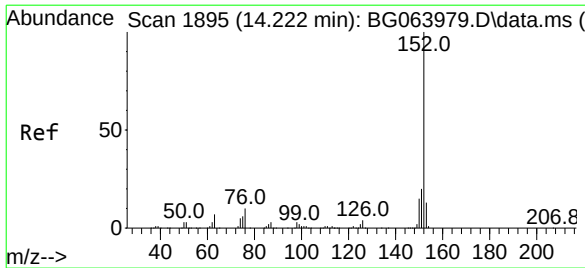
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#48
2-Nitroaniline
Concen: 46.705 ng
RT: 13.567 min Scan# 1783
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Tgt Ion: 65 Resp: 134960
Ion Ratio Lower Upper
65 100
92 65.7 47.6 71.4
138 91.2 70.6 106.0





#49

Acenaphthylene

Concen: 39.348 ng

RT: 14.219 min Scan# 1894

Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

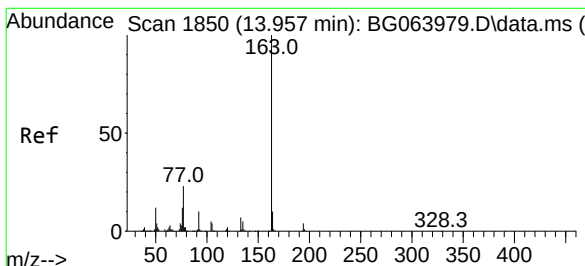
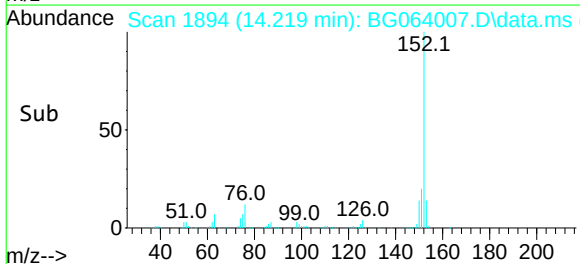
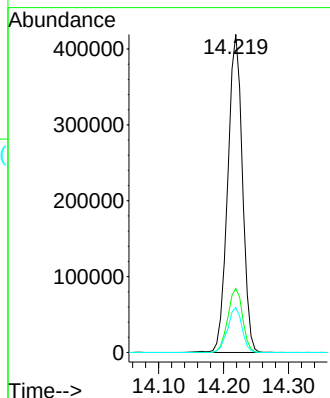
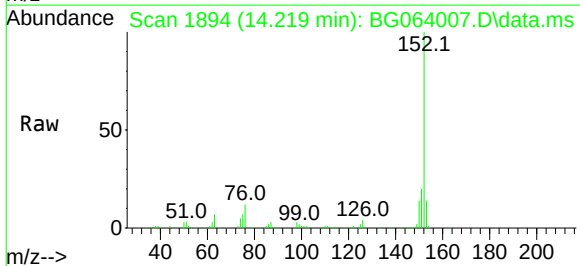
Tgt Ion:	152	Resp:	656950
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.9	23.9
153	14.1	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#50

Dimethylphthalate

Concen: 42.036 ng

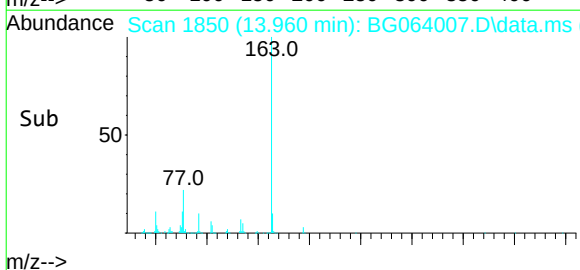
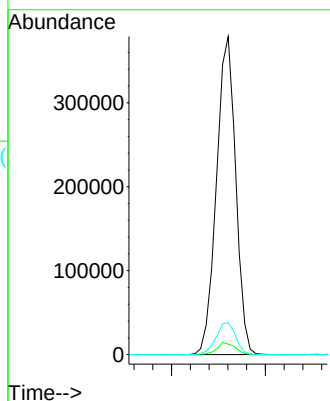
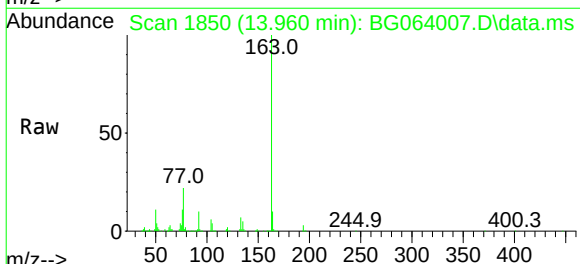
RT: 13.960 min Scan# 1850

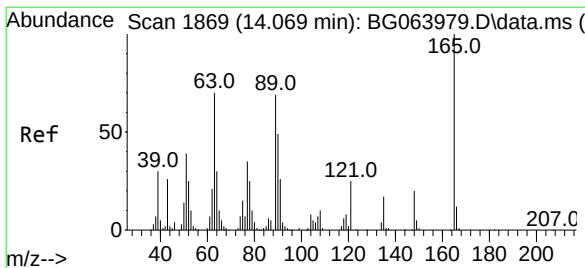
Delta R.T. 0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

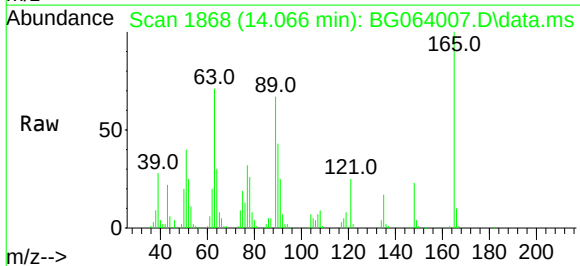
Tgt Ion:	163	Resp:	539860
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.4
164	10.0	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 44.315 ng
RT: 14.066 min Scan# 1869
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

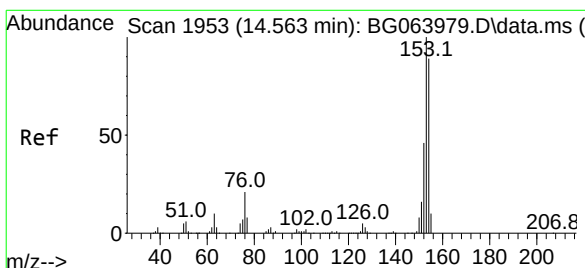
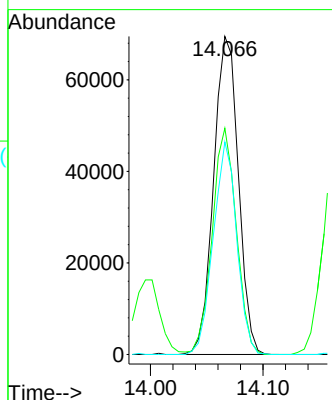
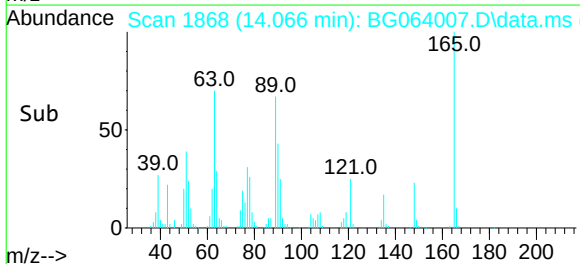
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



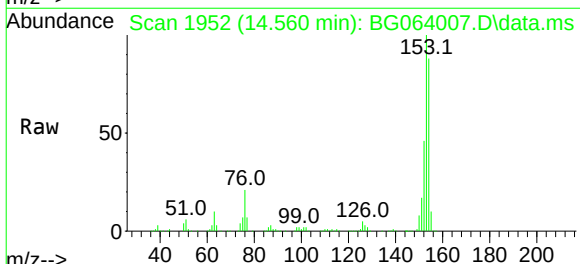
Tgt Ion:165 Resp: 106212
Ion Ratio Lower Upper
165 100
63 71.1 57.7 86.5
89 66.8 55.6 83.4

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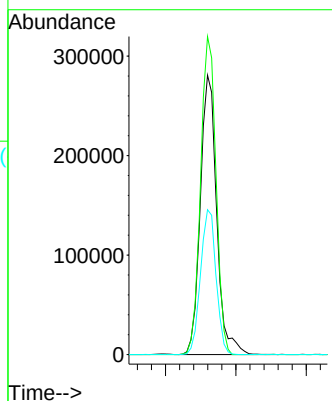
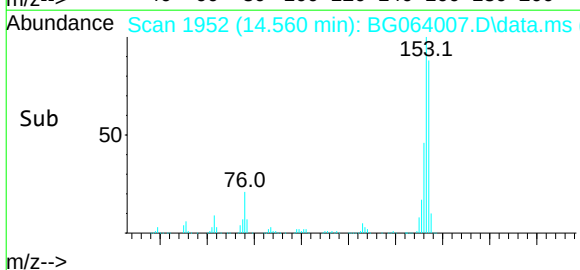
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

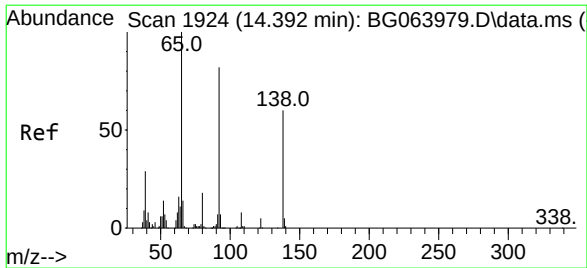


#52
Acenaphthene
Concen: 40.494 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



Tgt Ion:154 Resp: 453507
Ion Ratio Lower Upper
154 100
153 113.8 90.2 135.2
152 51.8 41.1 61.7





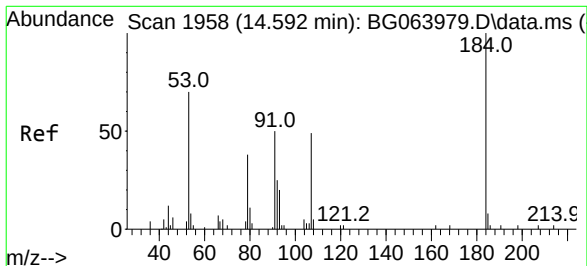
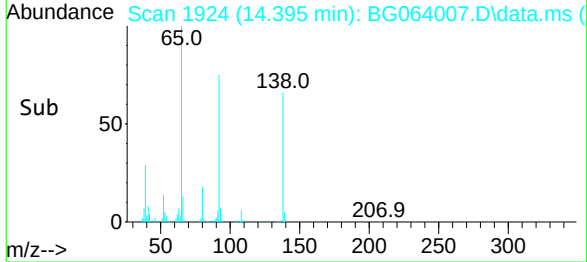
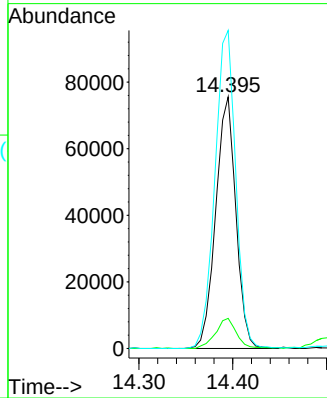
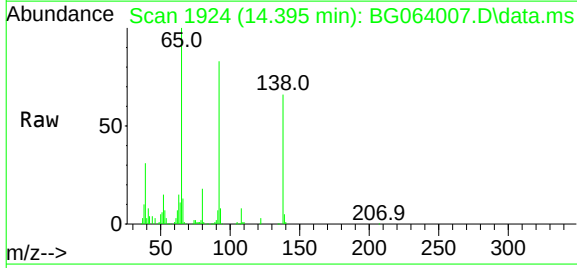
#53
3-Nitroaniline
Concen: 40.608 ng
RT: 14.395 min Scan# 1924
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 112978
Ion Ratio Lower Upper
138 100
108 12.0 10.3 15.5
92 126.4 109.0 163.4

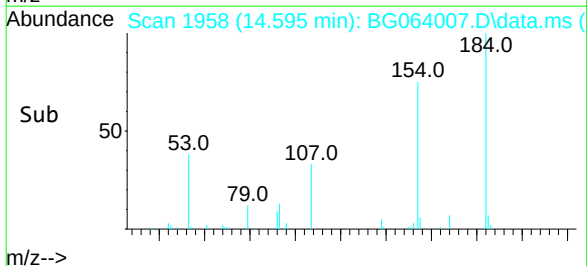
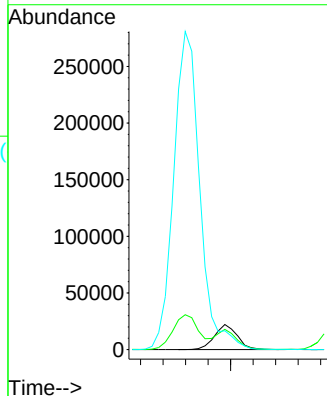
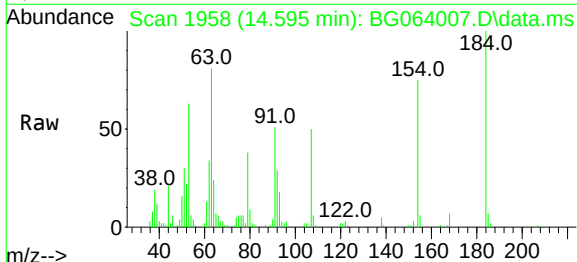
Manual Integrations
APPROVED

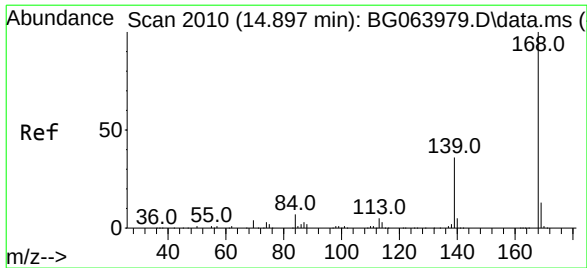
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#54
2,4-Dinitrophenol
Concen: 50.605 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Tgt Ion:184 Resp: 31050
Ion Ratio Lower Upper
184 100
63 80.7 67.3 100.9
154 75.0 65.9 98.9





#55

Dibenzenofuran

Concen: 38.920 ng

RT: 14.895 min Scan# 2010

Delta R.T. -0.003 min

Lab File: BG064007.D

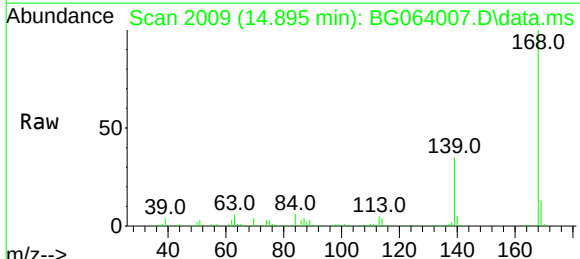
Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



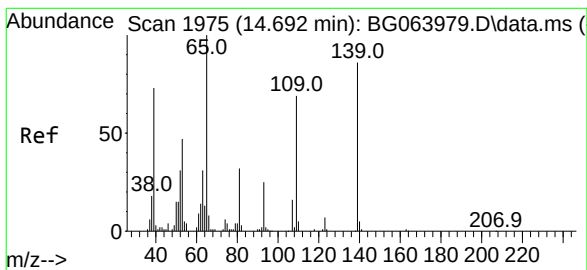
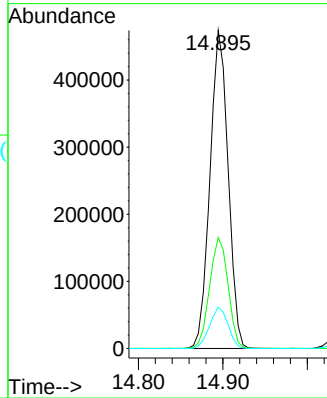
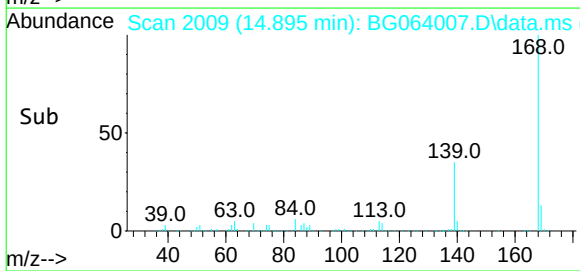
Tgt Ion:	168	Resp:	707747
Ion Ratio	Lower	Upper	
168	100		
139	34.9	28.6	43.0
169	13.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#56

4-Nitrophenol

Concen: 41.365 ng

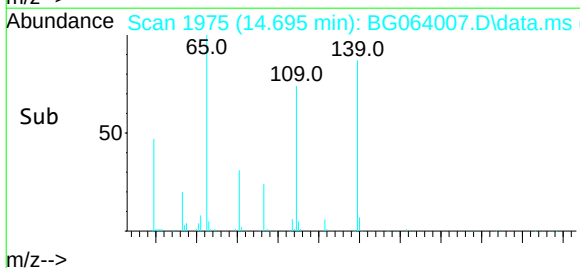
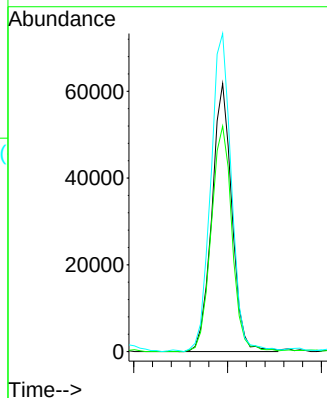
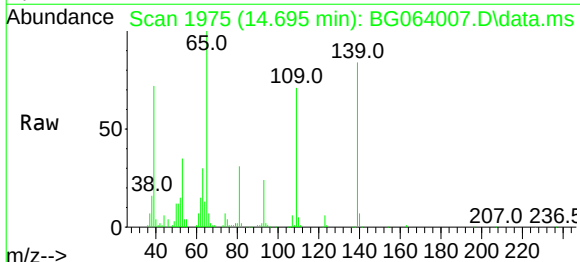
RT: 14.695 min Scan# 1975

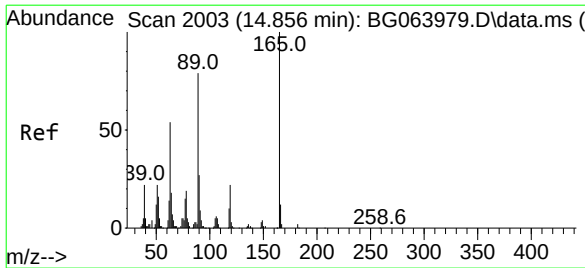
Delta R.T. 0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

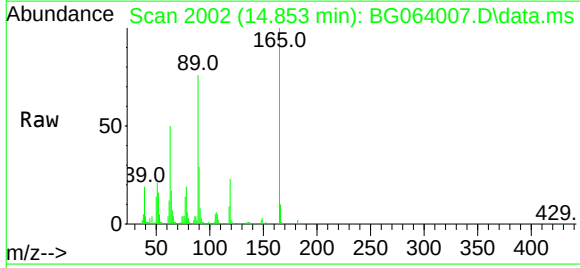
Tgt Ion:	139	Resp:	91438
Ion Ratio	Lower	Upper	
139	100		
109	84.1	60.1	100.1
65	118.7	96.2	136.2





#57
2,4-Dinitrotoluene
Concen: 45.251 ng
RT: 14.853 min Scan# 2003
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

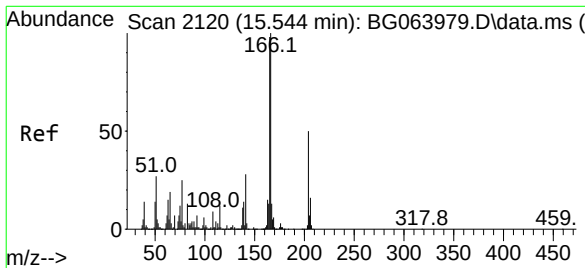
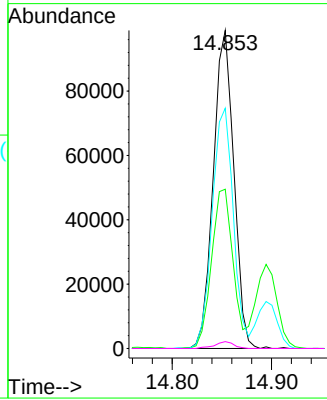
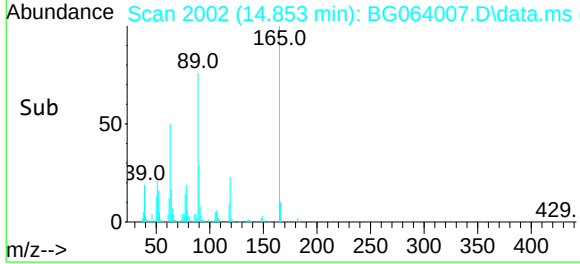
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 141829
Ion Ratio Lower Upper
165 100
63 50.1 43.6 65.4
89 75.5 63.1 94.7
182 2.2 1.4 2.0#

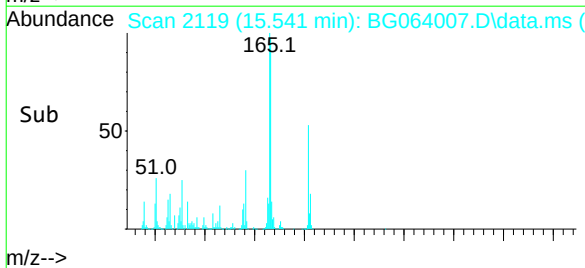
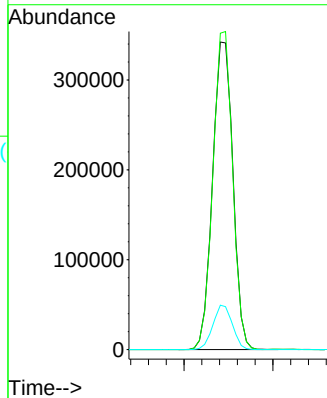
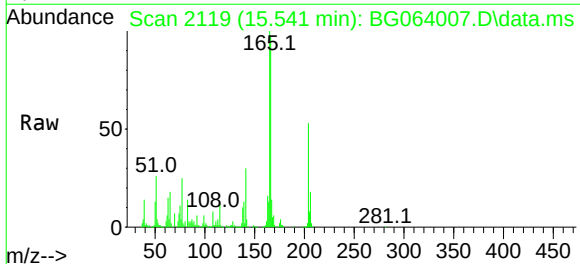
Manual Integrations
APPROVED

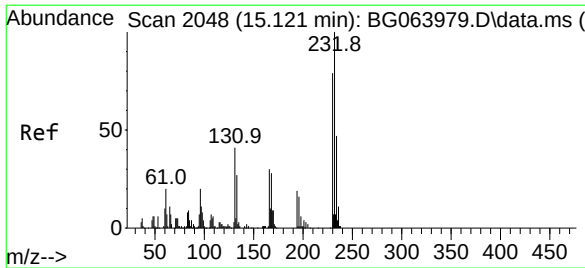
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#58
Fluorene
Concen: 38.734 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

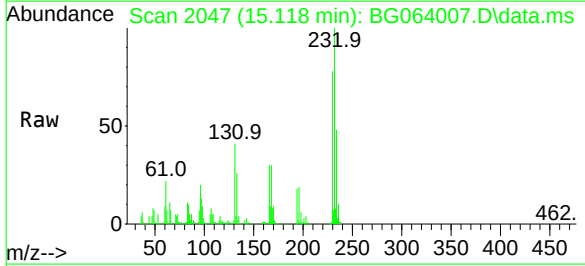
Tgt Ion:166 Resp: 544412
Ion Ratio Lower Upper
166 100
165 102.9 78.7 118.1
167 14.4 10.1 15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.981 ng
RT: 15.118 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

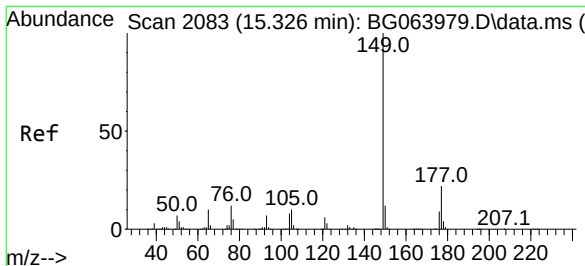
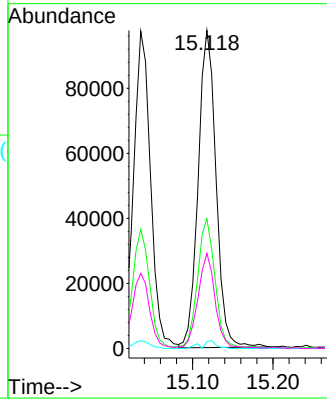
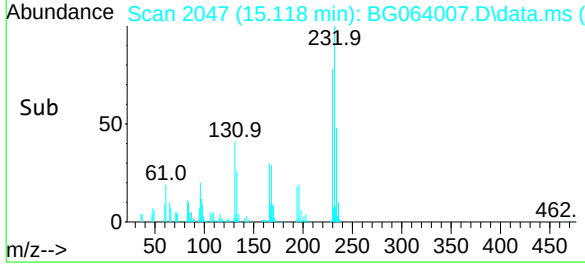
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



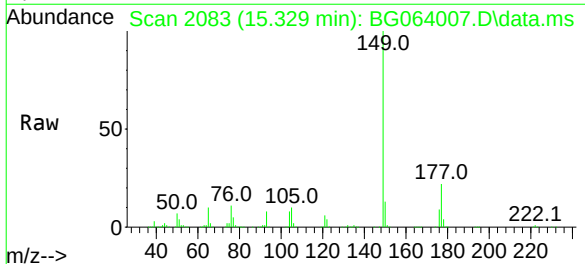
Tgt Ion:232 Resp: 150379
Ion Ratio Lower Upper
232 100
131 39.3 34.0 51.0
130 2.0 2.2 3.4#
166 28.6 24.1 36.1

Manual Integrations
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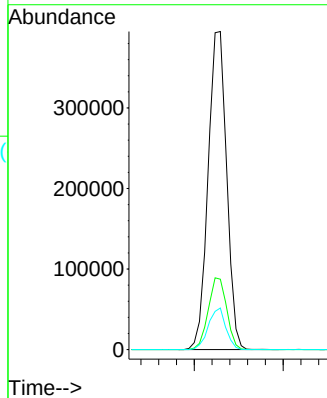
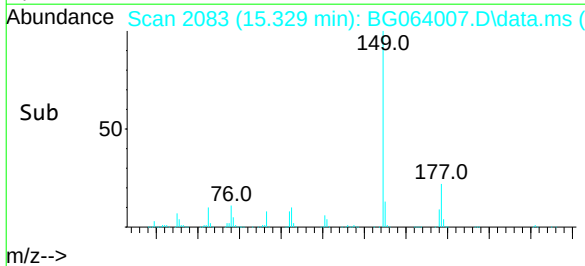
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

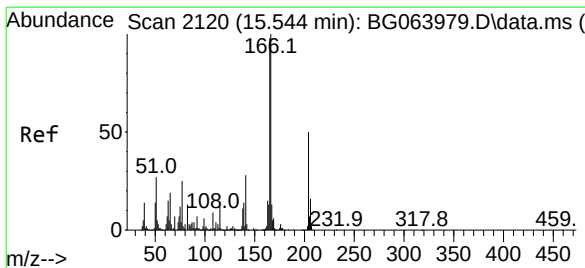


#60
Diethylphthalate
Concen: 42.047 ng
RT: 15.329 min Scan# 2083
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



Tgt Ion:149 Resp: 572533
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 13.1 9.7 14.5





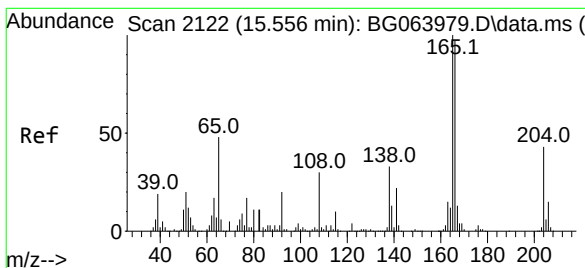
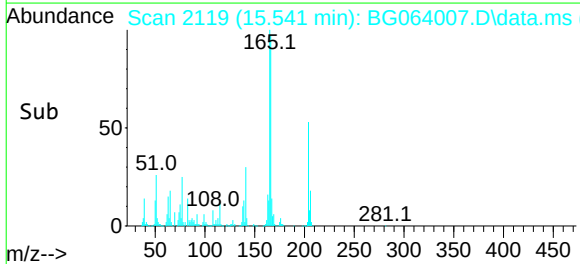
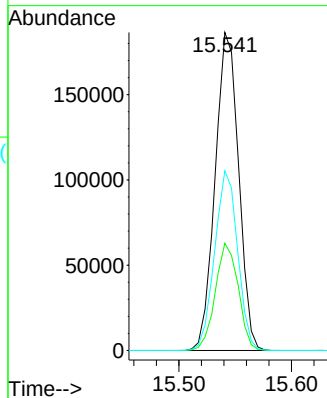
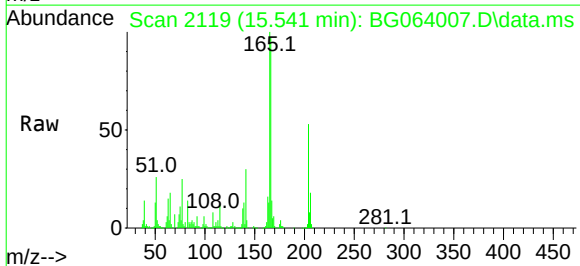
#61
4-Chlorophenyl-phenylether
Concen: 38.393 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 270751
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 56.5 44.6 67.0

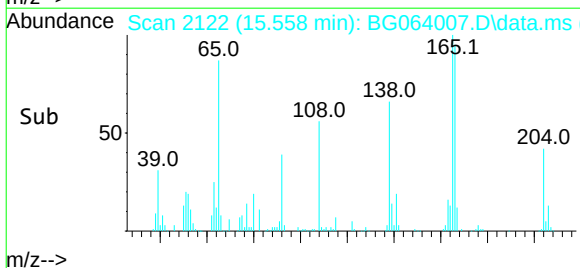
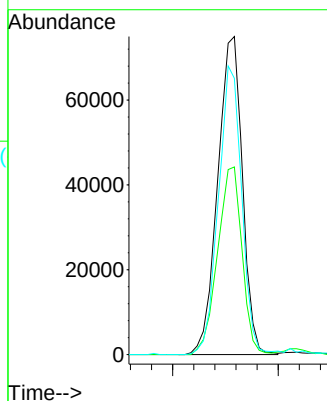
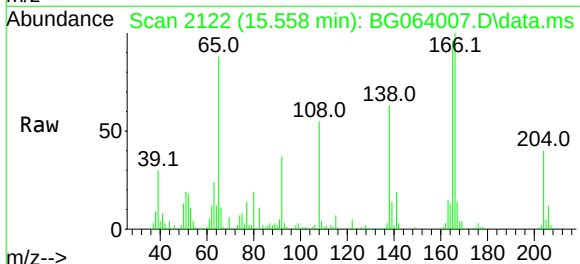
Manual Integrations
APPROVED

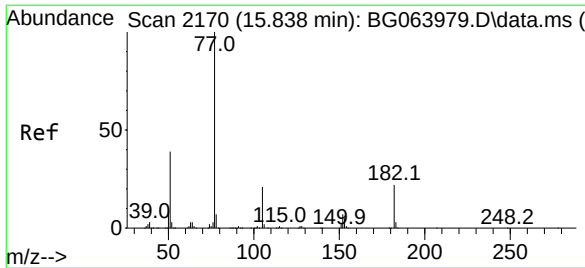
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#62
4-Nitroaniline
Concen: 40.765 ng
RT: 15.558 min Scan# 2122
Delta R.T. 0.002 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

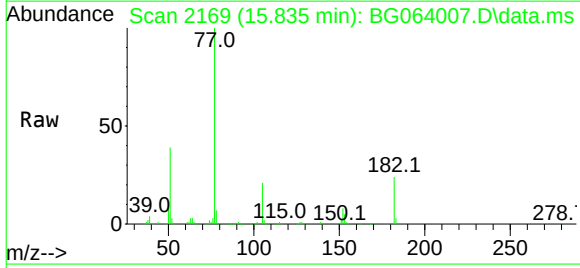
Tgt Ion:138 Resp: 121880
Ion Ratio Lower Upper
138 100
92 59.0 40.3 80.3
108 86.9 69.3 109.3





#63
Azobenzene
Concen: 38.104 ng
RT: 15.835 min Scan# 2170
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

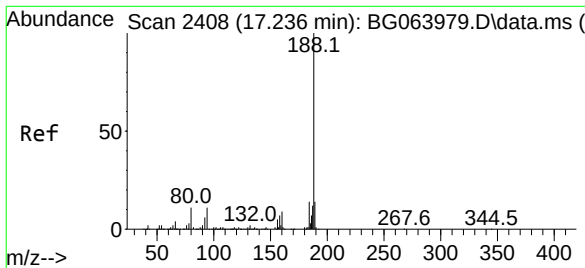
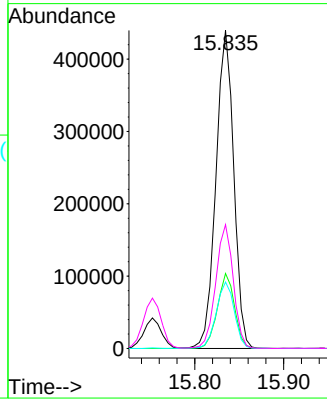
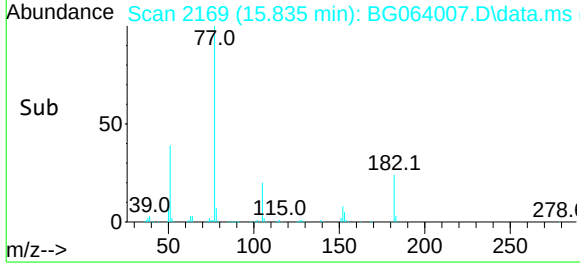
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 612813
Ion Ratio Lower Upper
77 100
182 23.6 2.3 42.3
105 20.9 1.0 41.0
51 38.9 19.0 59.0

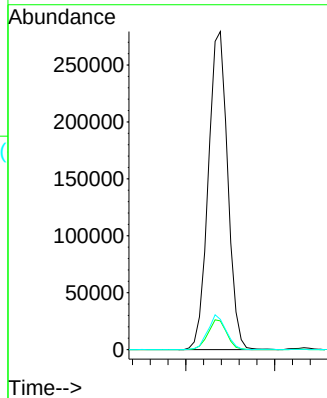
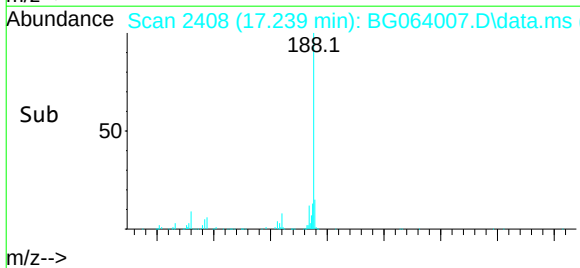
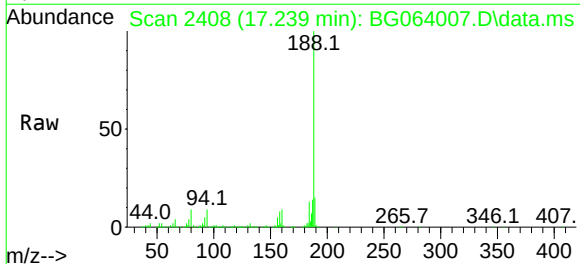
Manual Integrations
APPROVED

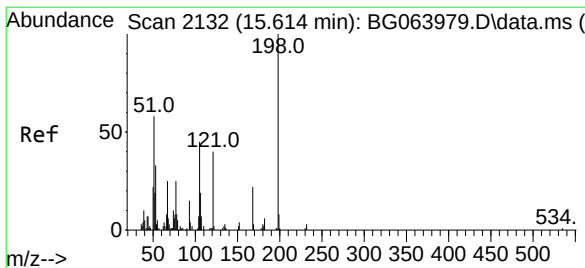
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

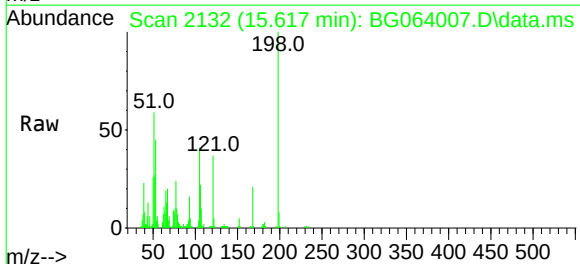
Tgt Ion:188 Resp: 422788
Ion Ratio Lower Upper
188 100
94 9.0 8.6 13.0
80 9.5 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 51.141 ng
RT: 15.617 min Scan# 2132
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

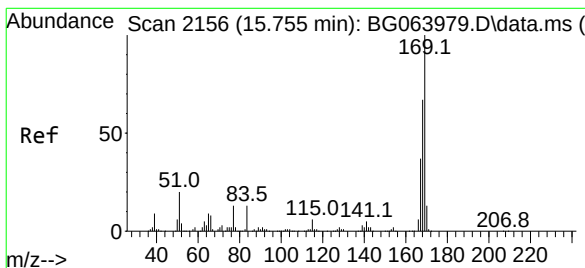
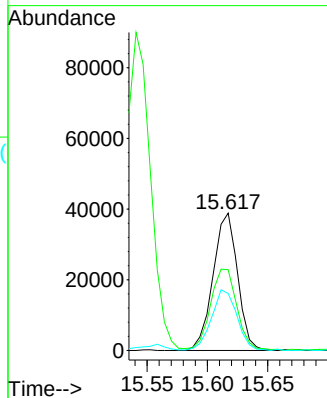
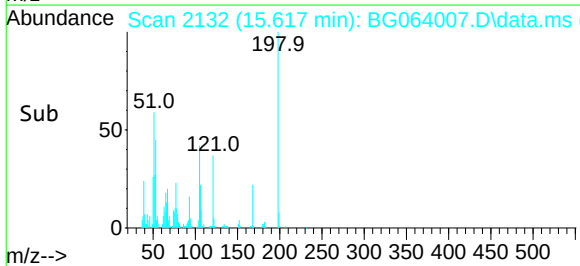
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



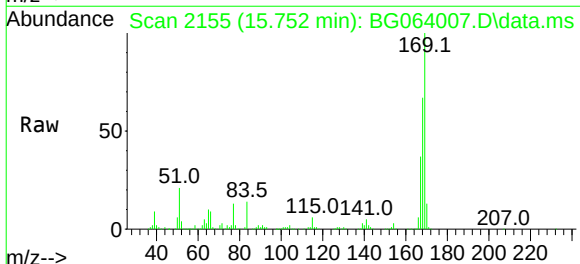
Tgt Ion:198 Resp: 54893
Ion Ratio Lower Upper
198 100
51 58.9 45.4 85.4
105 41.5 27.7 67.7

Manual Integrations
APPROVED

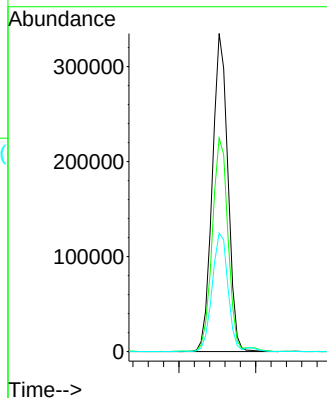
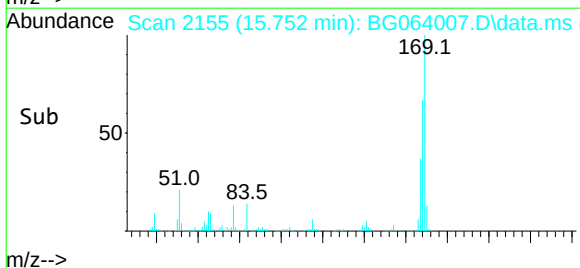
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

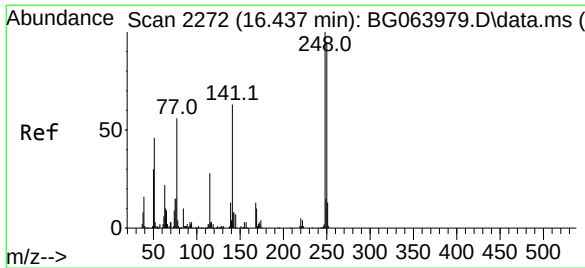


#66
n-Nitrosodiphenylamine
Concen: 40.159 ng
RT: 15.752 min Scan# 2155
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



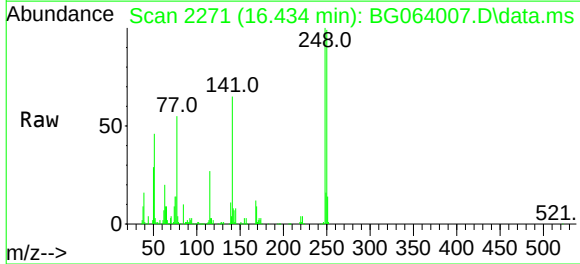
Tgt Ion:169 Resp: 470749
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 37.3 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 41.700 ng
RT: 16.434 min Scan# 2272
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

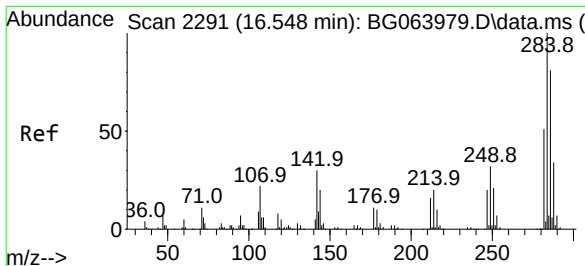
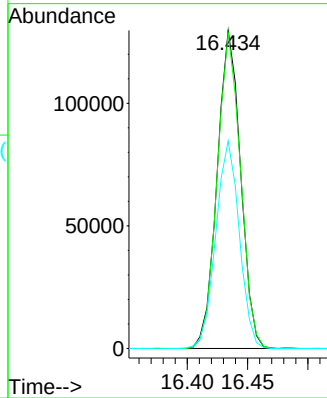
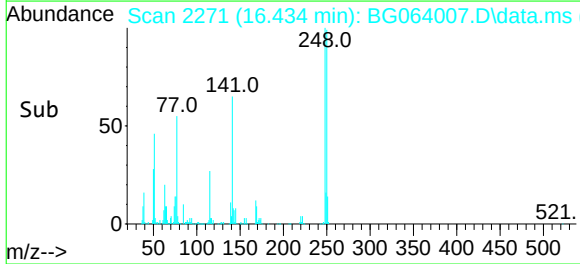
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



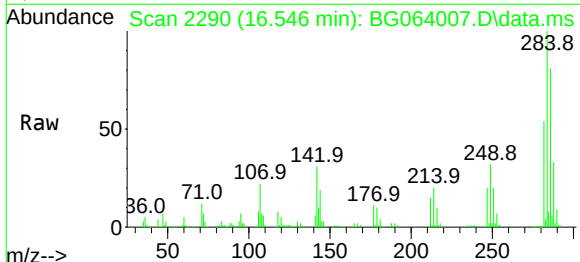
Tgt Ion:248 Resp: 175483
Ion Ratio Lower Upper
248 100
250 99.2 76.2 114.4
141 65.2 50.6 75.8

Manual Integrations
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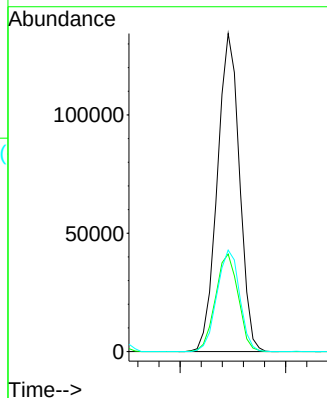
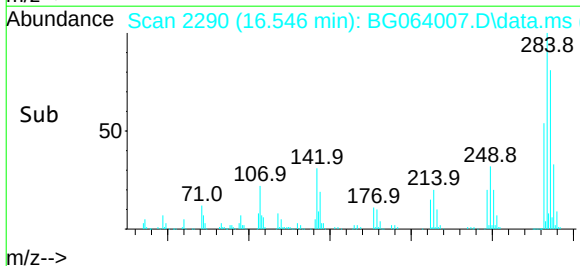
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

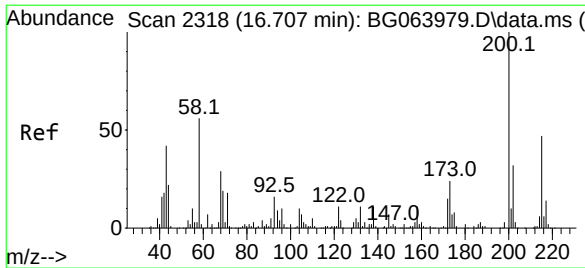


#68
Hexachlorobenzene
Concen: 39.703 ng
RT: 16.546 min Scan# 2290
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



Tgt Ion:284 Resp: 196430
Ion Ratio Lower Upper
284 100
142 30.7 23.8 35.8
249 31.9 25.9 38.9





#69

Atrazine

Concen: 39.089 ng

RT: 16.704 min Scan# 2317

Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

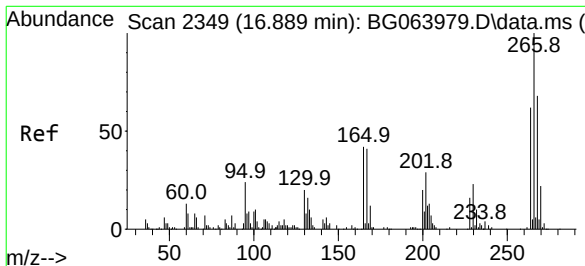
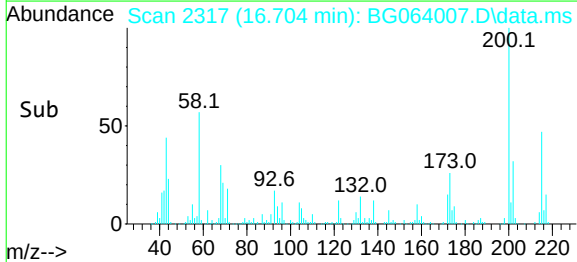
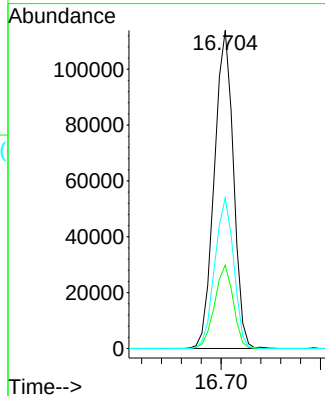
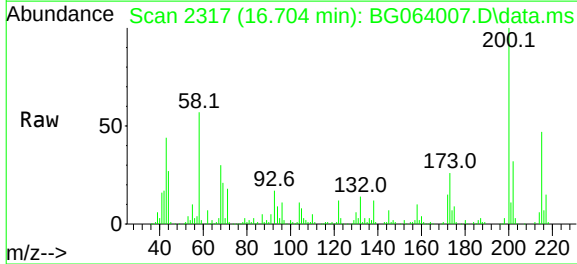
Tgt Ion:	200	Resp:	152483
Ion Ratio	Lower	Upper	
200	100		
173	26.2	3.8	43.8
215	47.3	26.6	66.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#70

Pentachlorophenol

Concen: 42.999 ng

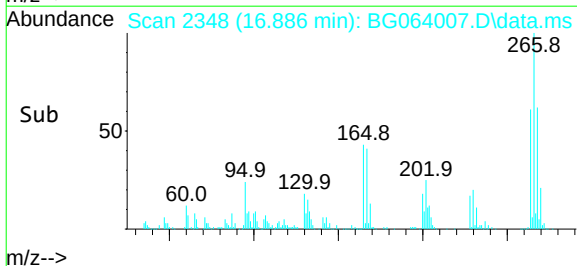
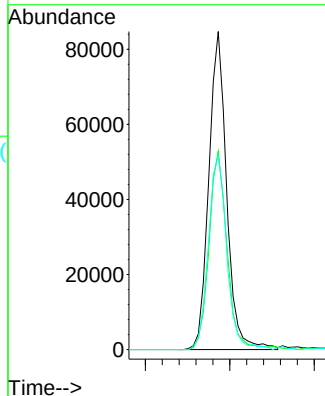
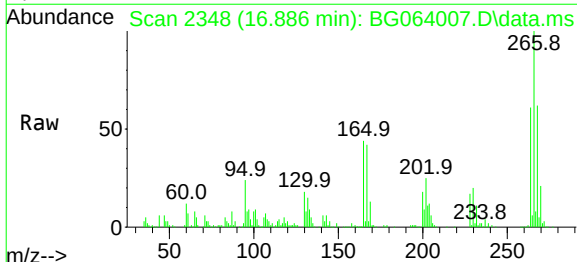
RT: 16.886 min Scan# 2348

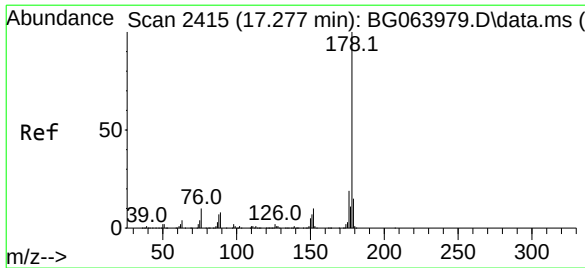
Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

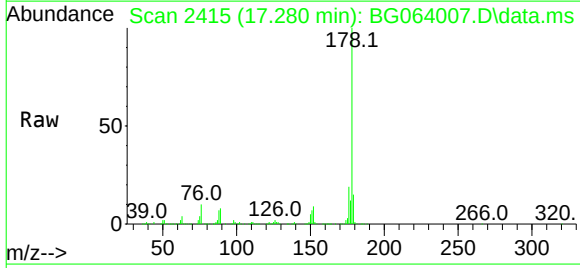
Tgt Ion:	266	Resp:	124416
Ion Ratio	Lower	Upper	
266	100		
268	62.4	54.8	82.2
264	60.9	50.0	75.0





#71
Phenanthrene
Concen: 39.550 ng
RT: 17.280 min Scan# 2415
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

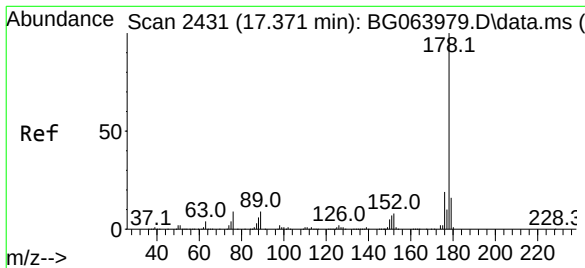
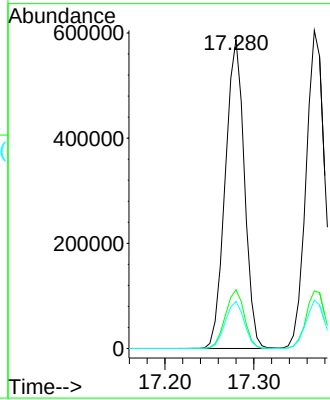
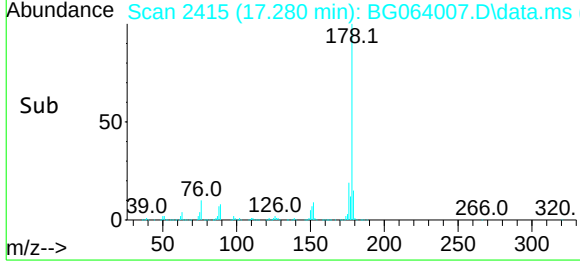
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



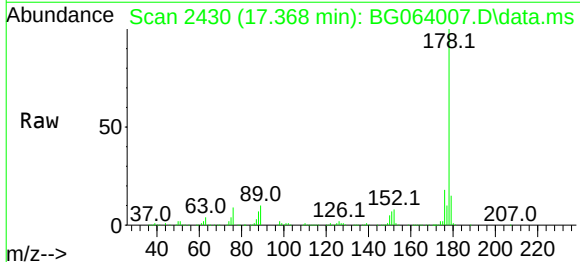
Tgt Ion:178 Resp: 878236
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.2 12.2 18.4

Manual Integrations
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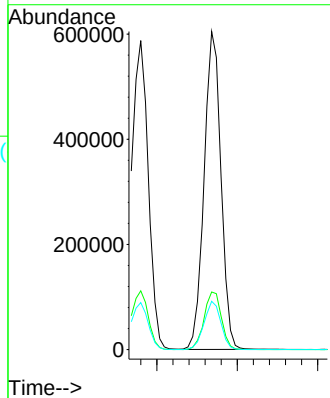
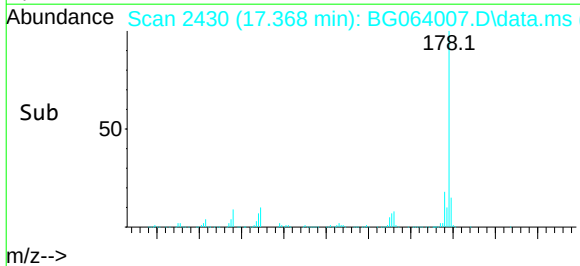
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

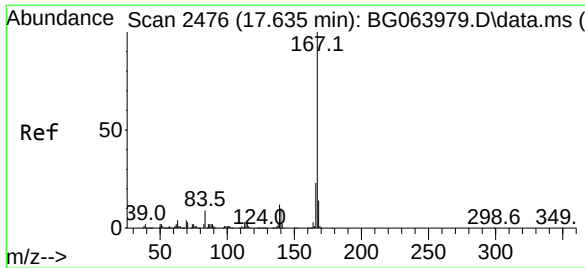


#72
Anthracene
Concen: 39.591 ng
RT: 17.368 min Scan# 2430
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



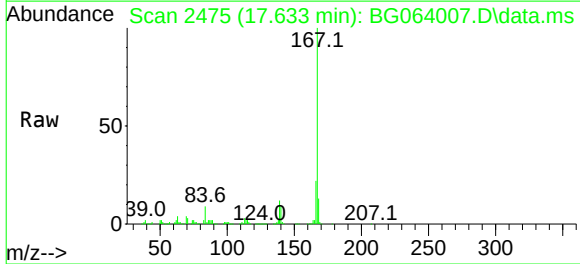
Tgt Ion:178 Resp: 879687
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 15.2 12.8 19.2





#73
Carbazole
Concen: 39.293 ng
RT: 17.633 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

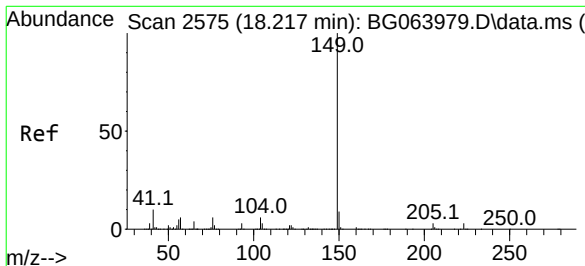
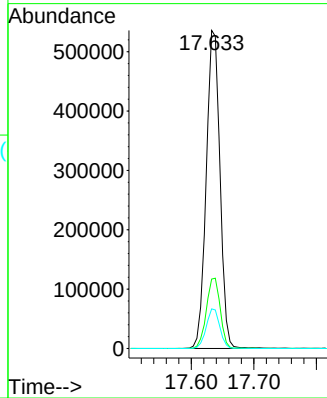
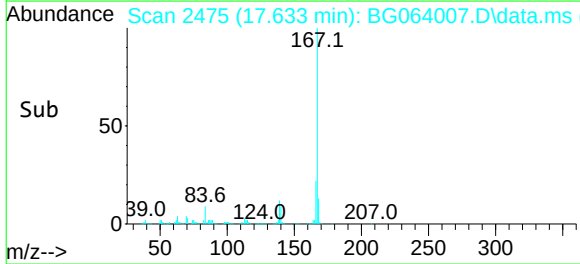
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



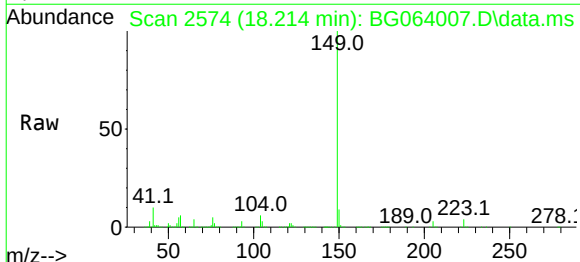
Tgt Ion:167 Resp: 817315
Ion Ratio Lower Upper
167 100
166 21.8 18.6 28.0
139 12.5 9.8 14.8

Manual Integrations
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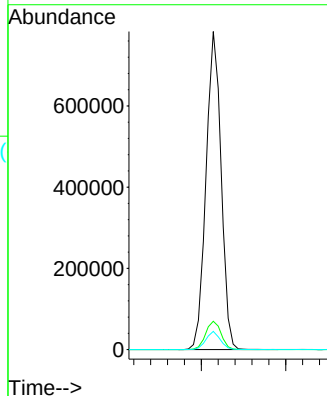
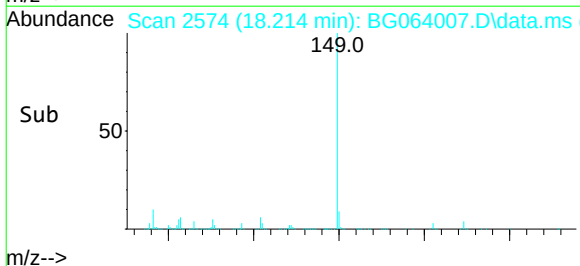
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

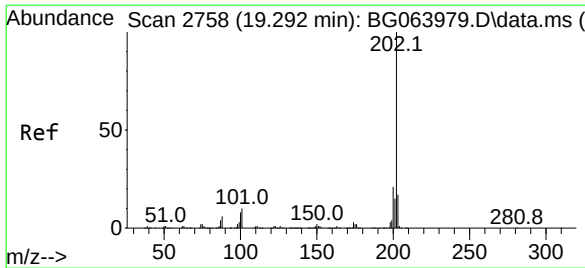


#74
Di-n-butylphthalate
Concen: 44.757 ng
RT: 18.214 min Scan# 2574
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



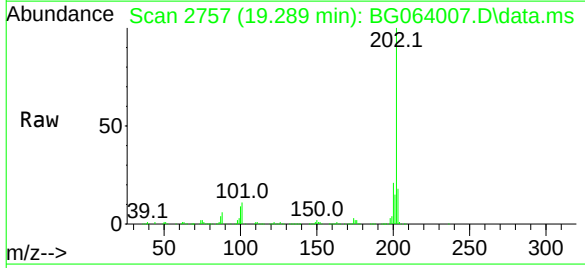
Tgt Ion:149 Resp: 970406
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 5.7 4.6 6.8





#75
 Fluoranthene
 Concen: 38.082 ng
 RT: 19.289 min Scan# 2757
 Delta R.T. -0.003 min
 Lab File: BG064007.D
 Acq: 5 Feb 2025 20:22

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

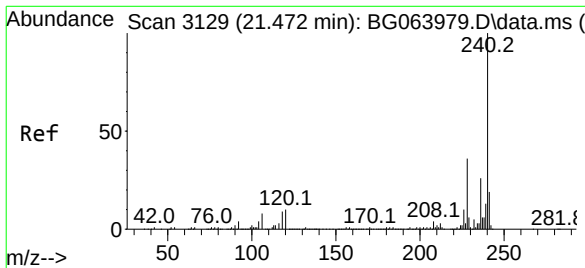
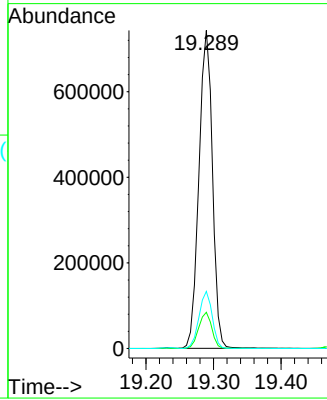
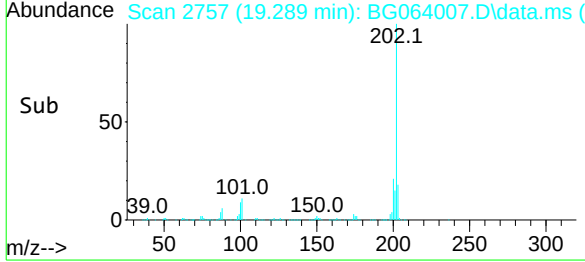


Tgt Ion: 202 Resp: 1029737

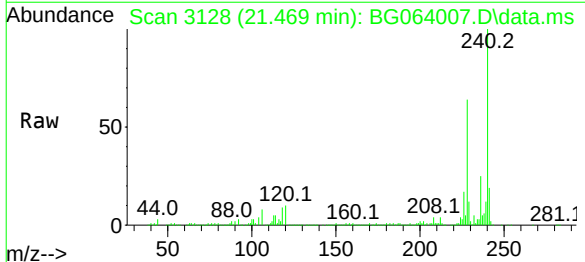
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	17.9	0.0	37.0

Manual Integrations
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Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

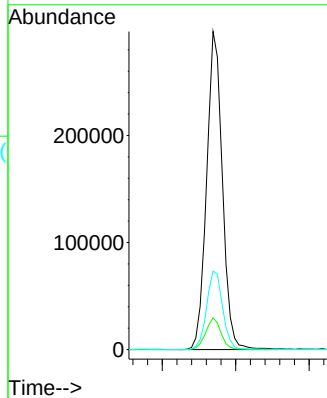
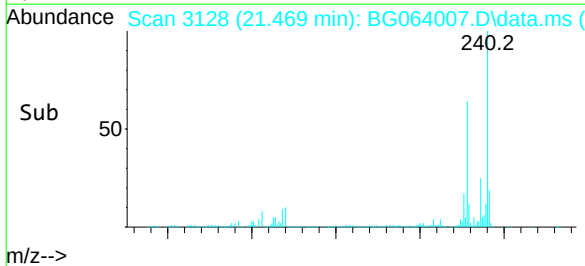


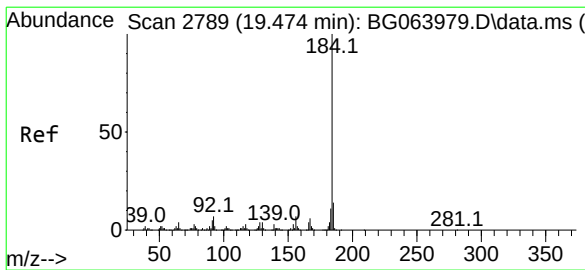
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.469 min Scan# 3128
 Delta R.T. -0.003 min
 Lab File: BG064007.D
 Acq: 5 Feb 2025 20:22



Tgt Ion: 240 Resp: 443194

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.9	11.9
236	24.7	21.0	31.6





#77

Benzidine

Concen: 60.304 ng

RT: 19.472 min Scan# 27

Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

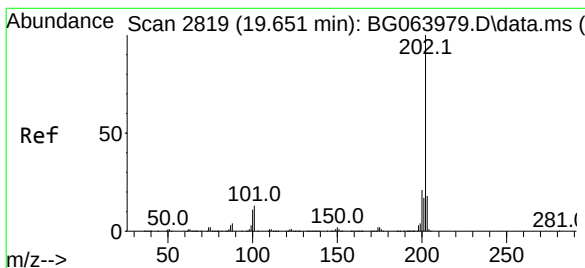
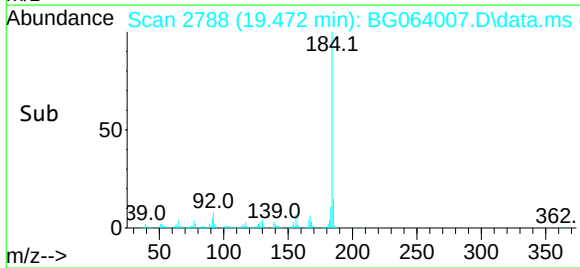
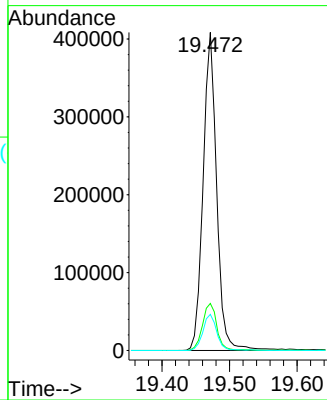
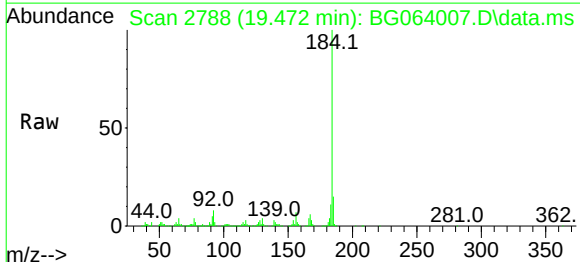
Tgt Ion:	184	Resp:	569123
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.2	16.8
183	11.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#78

Pyrene

Concen: 40.204 ng

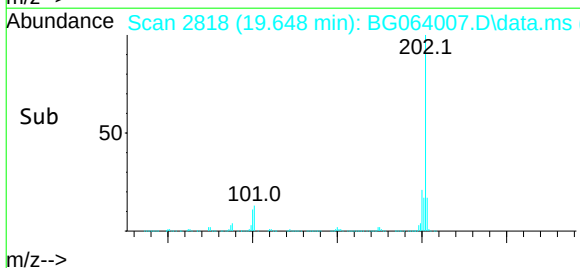
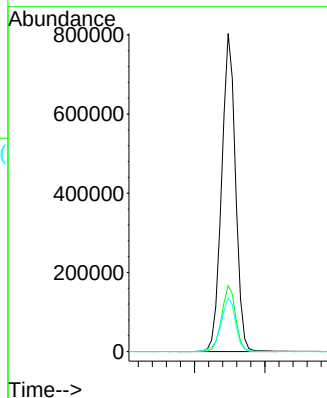
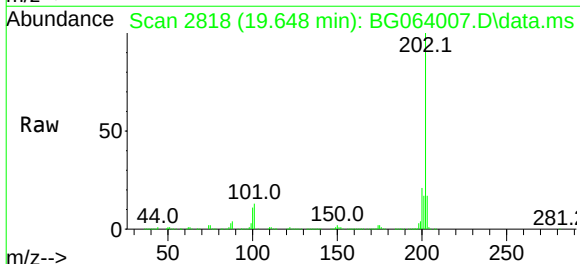
RT: 19.648 min Scan# 2818

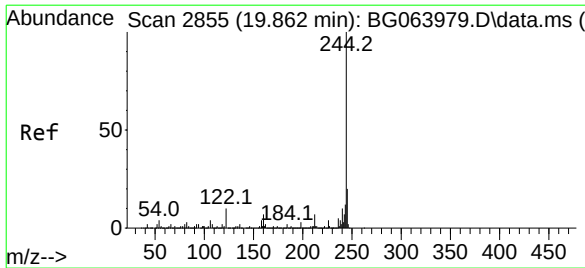
Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

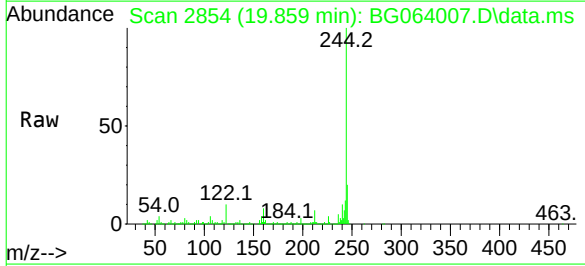
Tgt Ion:	202	Resp:	1099995
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.0	25.4
203	16.8	14.5	21.7





#79
 Terphenyl-d14
 Concen: 78.960 ng
 RT: 19.859 min Scan# 2854
 Delta R.T. -0.003 min
 Lab File: BG064007.D
 Acq: 5 Feb 2025 20:22

Instrument : BNA_G
 ClientSampleId : SSTDCCC040EC

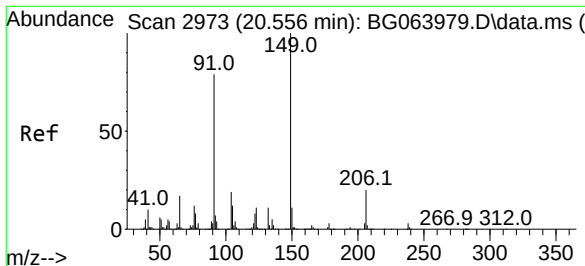
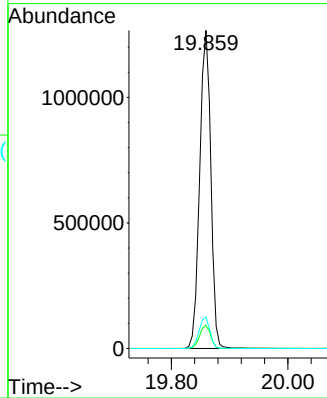
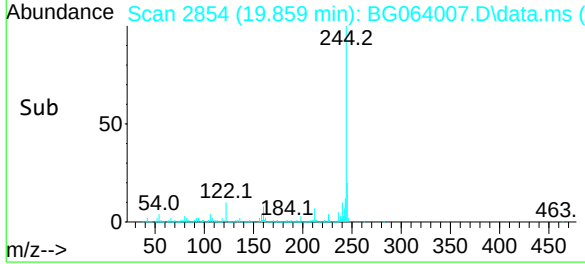


Tgt Ion: 244 Resp: 1675624

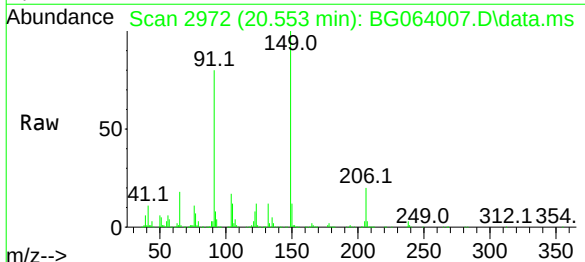
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.9	7.7	11.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

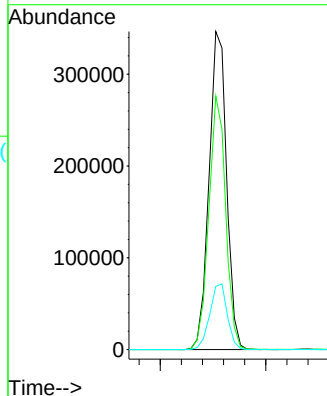
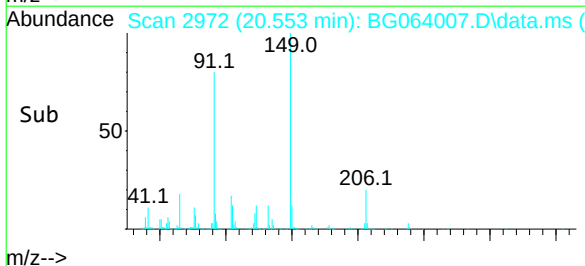


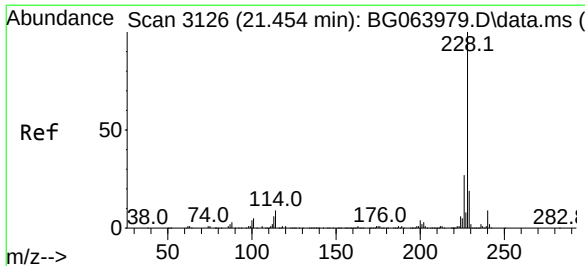
#80
 Butylbenzylphthalate
 Concen: 42.542 ng
 RT: 20.553 min Scan# 2972
 Delta R.T. -0.003 min
 Lab File: BG064007.D
 Acq: 5 Feb 2025 20:22



Tgt Ion: 149 Resp: 399616

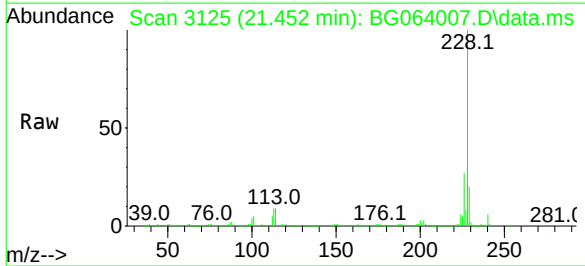
Ion	Ratio	Lower	Upper
149	100		
91	79.7	63.0	94.6
206	19.9	15.8	23.6





#81
Benzo(a)anthracene
Concen: 39.729 ng
RT: 21.452 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

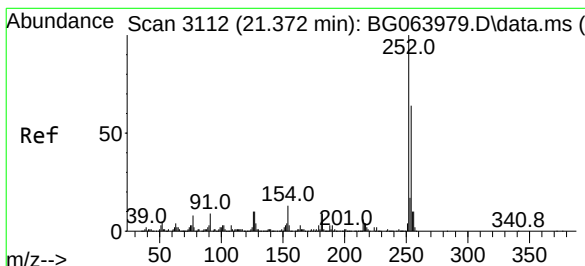
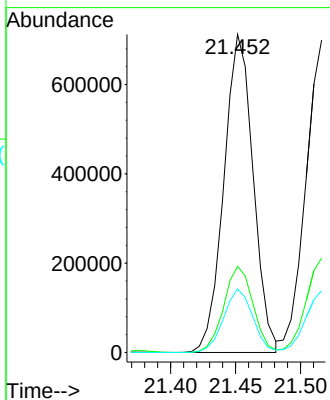
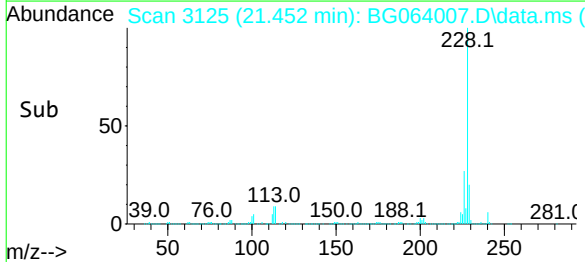
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



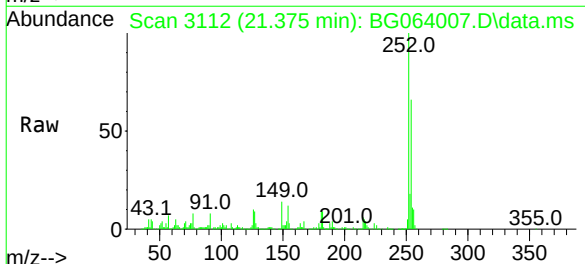
Tgt Ion:228 Resp: 1117925
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 20.0 15.5 23.3

Manual Integrations
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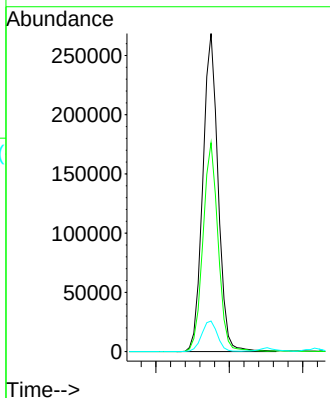
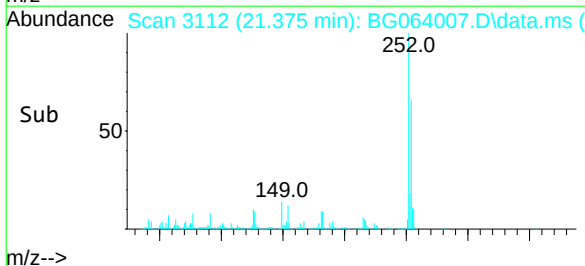
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

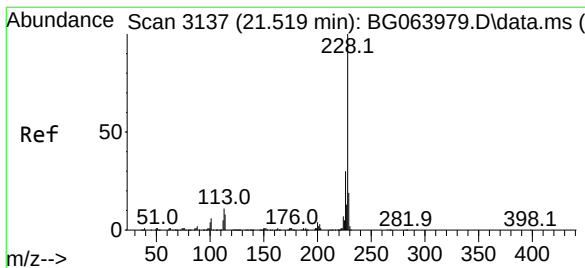


#82
3,3'-Dichlorobenzidine
Concen: 44.410 ng
RT: 21.375 min Scan# 3112
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22



Tgt Ion:252 Resp: 389171
Ion Ratio Lower Upper
252 100
254 65.7 50.8 76.2
126 9.6 8.2 12.2





#83

Chrysene

Concen: 39.466 ng

RT: 21.516 min Scan# 3115

Delta R.T. -0.003 min

Lab File: BG064007.D

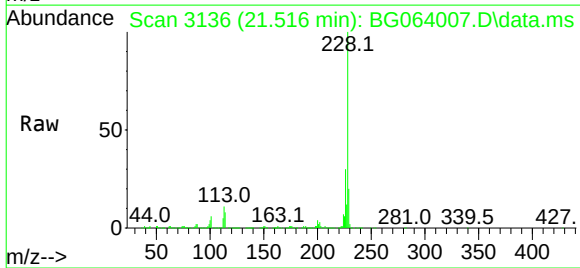
Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



Tgt Ion:228 Resp: 1105164

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

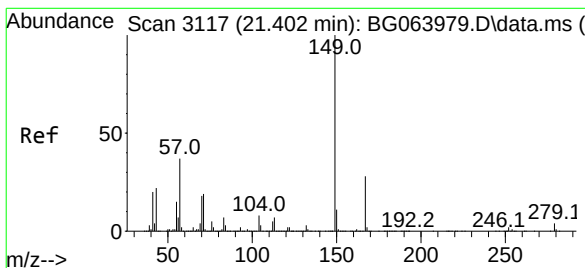
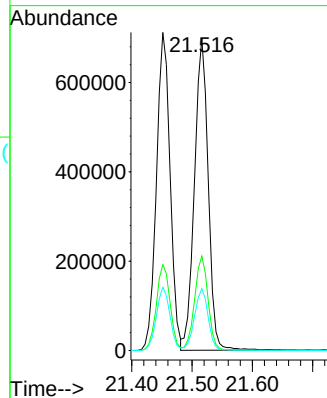
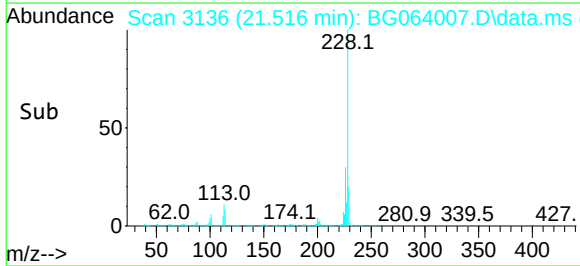
229 19.8 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.075 ng

RT: 21.393 min Scan# 3115

Delta R.T. -0.009 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

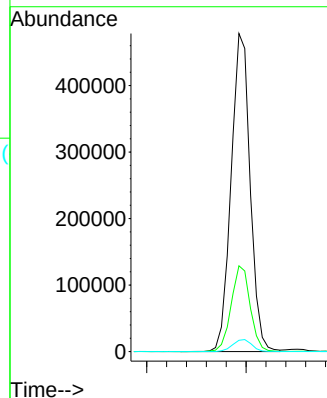
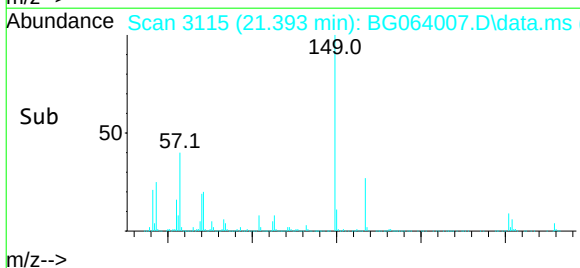
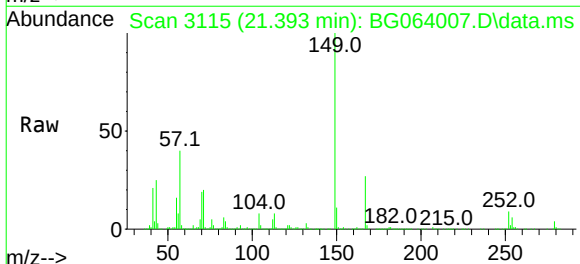
Tgt Ion:149 Resp: 635268

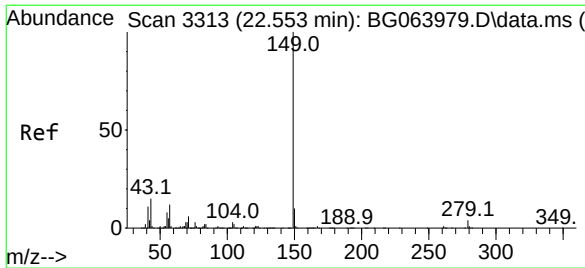
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

279 3.5 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 43.071 ng

RT: 22.550 min Scan# 3313

Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 1059083

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

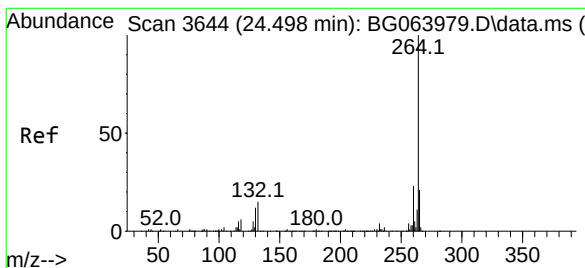
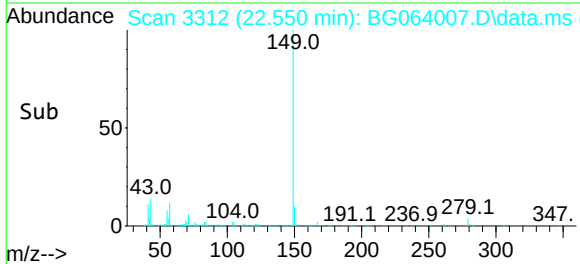
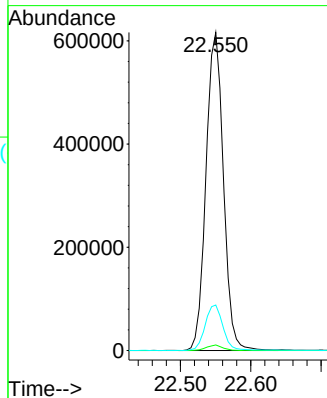
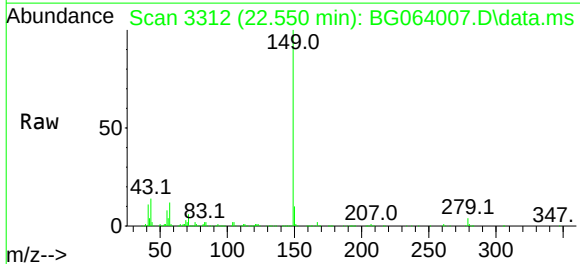
43 14.7 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.495 min Scan# 3643

Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

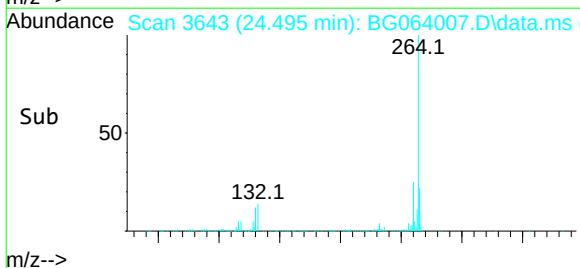
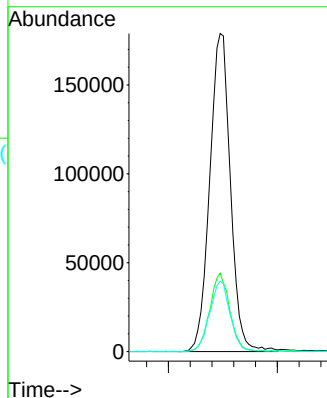
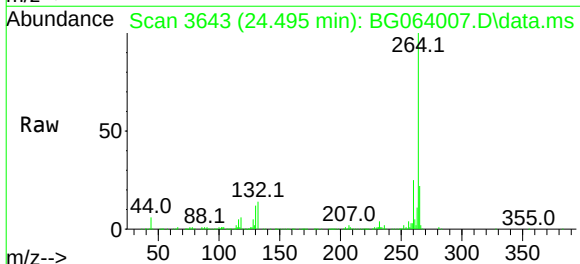
Tgt Ion:264 Resp: 471722

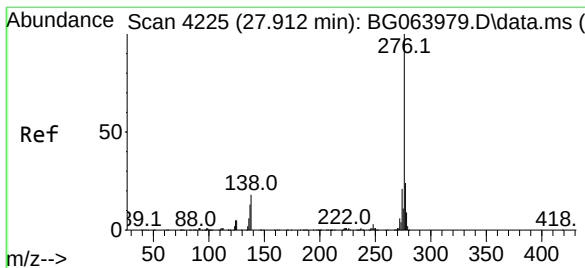
Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 22.1 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.918 ng

RT: 27.909 min Scan# 42

Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 1245222

Ion Ratio Lower Upper

276 100

138 16.2 10.7 16.1

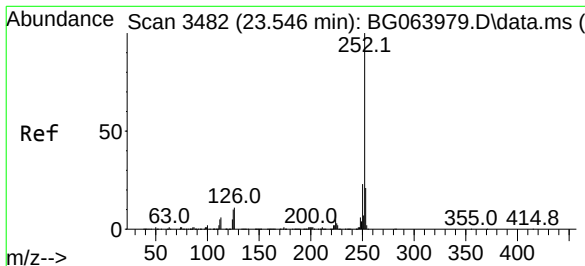
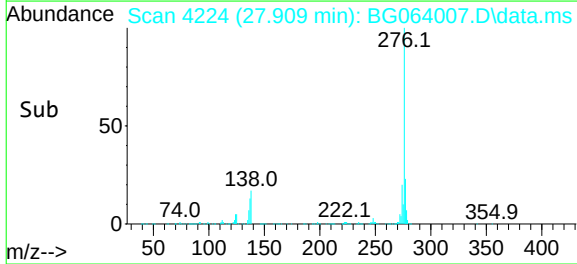
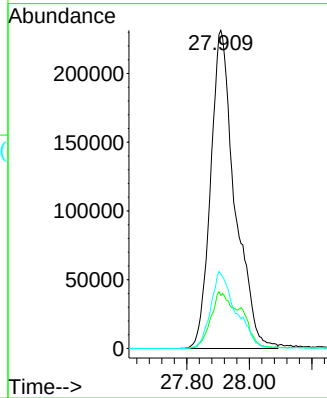
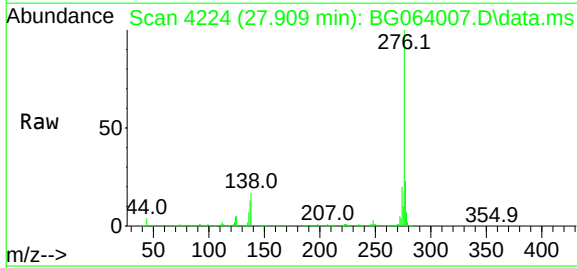
277 25.0 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#88

Benzo(b)fluoranthene

Concen: 41.461 ng

RT: 23.543 min Scan# 3481

Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

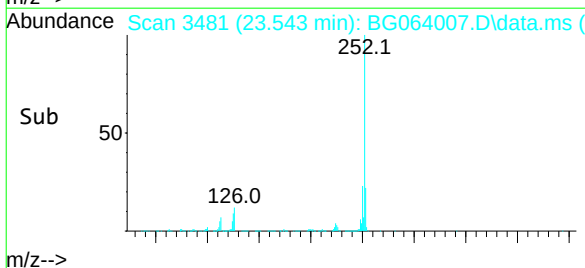
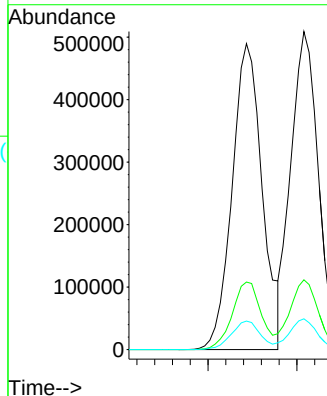
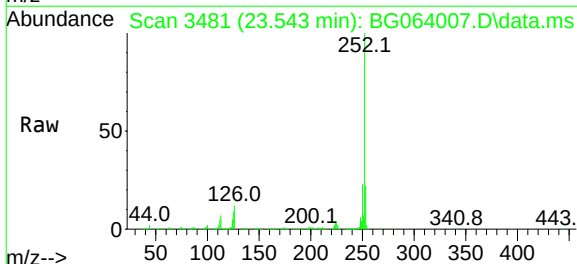
Tgt Ion:252 Resp: 1151681

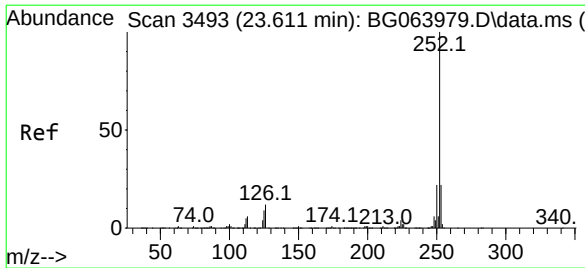
Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

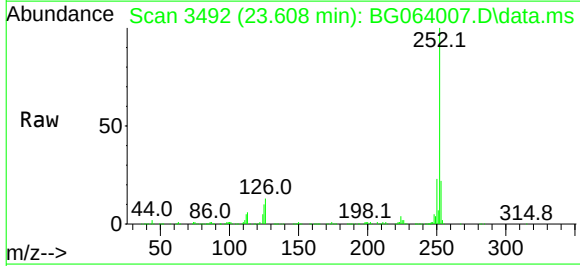
125 9.3 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 39.037 ng
RT: 23.608 min Scan# 3492
Delta R.T. -0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

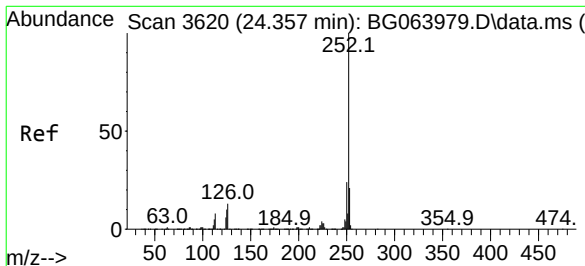
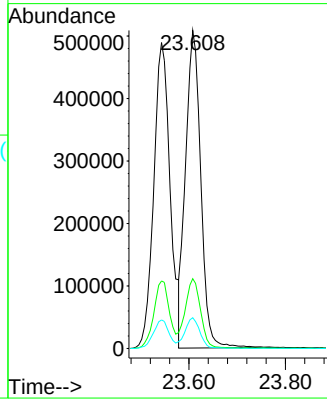
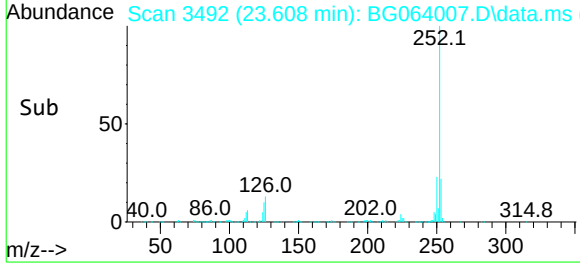
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:252 Resp: 1113428
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.7 7.5 11.3

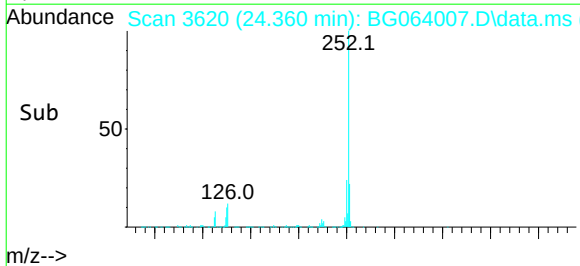
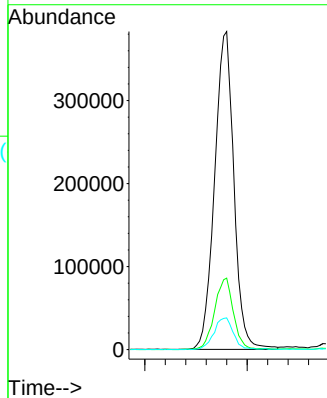
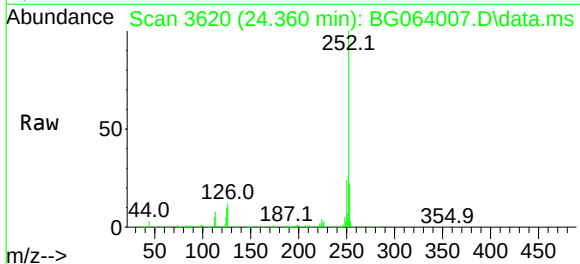
Manual Integrations
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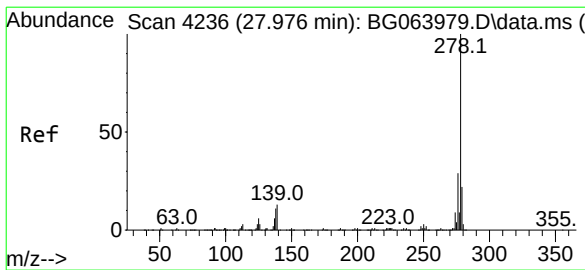
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#90
Benzo(a)pyrene
Concen: 40.353 ng
RT: 24.360 min Scan# 3620
Delta R.T. 0.003 min
Lab File: BG064007.D
Acq: 5 Feb 2025 20:22

Tgt Ion:252 Resp: 1000513
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 10.0 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 41.042 ng

RT: 27.979 min Scan# 4236

Delta R.T. 0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 1054650

Ion Ratio Lower Upper

278 100

139 12.5 10.8 16.2

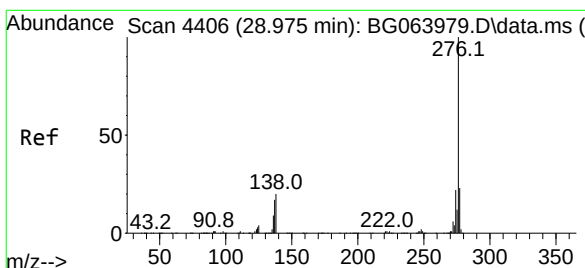
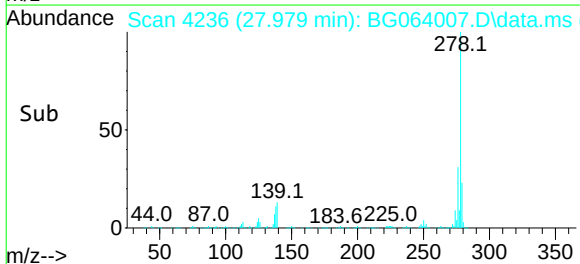
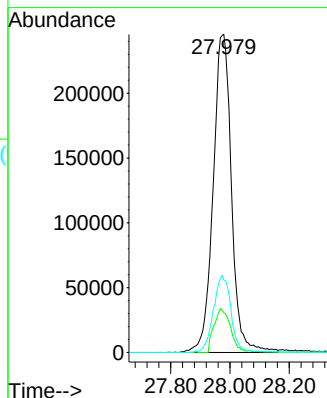
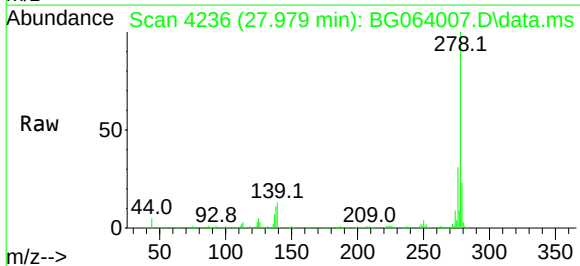
279 22.8 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#92

Benzo(g,h,i)perylene

Concen: 40.384 ng

RT: 28.972 min Scan# 4405

Delta R.T. -0.003 min

Lab File: BG064007.D

Acq: 5 Feb 2025 20:22

Tgt Ion:276 Resp: 1047630

Ion Ratio Lower Upper

276 100

277 23.0 18.2 27.4

138 18.8 15.8 23.6

