

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG063996.D
 Acq On : 5 Feb 2025 10:26
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 11:06:25 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	7.871	152	63436	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	270173	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	179556	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	399629	20.000	ng	0.00
76) Chrysene-d12	21.472	240	430606	20.000	ng	0.00
86) Perylene-d12	24.498	264	452558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	326889	82.620	ng	0.00
7) Phenol-d6	7.031	99	443858	81.747	ng	0.00
23) Nitrobenzene-d5	9.022	82	402420	90.524	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	159054	82.949	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	929920	79.349	ng	0.00
79) Terphenyl-d14	19.857	244	1629680	79.040	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	69343	36.904	ng	94
3) Pyridine	3.776	79	189914	37.429	ng	100
4) n-Nitrosodimethylamine	3.687	42	110569	37.898	ng	95
6) Aniline	7.195	93	229256	39.401	ng	98
8) 2-Chlorophenol	7.436	128	166126	41.205	ng	98
9) Benzaldehyde	7.007	77	119249	40.231	ng	96
10) Phenol	7.054	94	228672	40.009	ng	98
11) bis(2-Chloroethyl)ether	7.295	93	178141	38.706	ng	95
12) 1,3-Dichlorobenzene	7.759	146	183484	38.246	ng	98
13) 1,4-Dichlorobenzene	7.906	146	188191	38.842	ng	97
14) 1,2-Dichlorobenzene	8.223	146	182911	39.388	ng	97
15) Benzyl Alcohol	8.106	79	163321	40.243	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.394	45	361200	38.974	ng	98
17) 2-Methylphenol	8.306	107	146499	39.632	ng	99
18) Hexachloroethane	8.952	117	66637	41.791	ng	98
19) n-Nitroso-di-n-propyla...	8.676	70	151497	40.291	ng	# 96
20) 3+4-Methylphenols	8.629	107	198882	40.385	ng	97
22) Acetophenone	8.682	105	290511	39.136	ng	# 98
24) Nitrobenzene	9.063	77	204677	40.482	ng	98
25) Isophorone	9.586	82	382310	39.672	ng	# 99
26) 2-Nitrophenol	9.774	139	53933	46.454	ng	93
27) 2,4-Dimethylphenol	9.833	122	117284	42.309	ng	97
28) bis(2-Chloroethoxy)met...	10.074	93	244566	39.884	ng	98
29) 2,4-Dichlorophenol	10.303	162	152063	39.917	ng	97
30) 1,2,4-Trichlorobenzene	10.521	180	180787	39.696	ng	98
31) Naphthalene	10.709	128	569687	39.330	ng	99
32) Benzoic acid	9.962	122	78296m	44.581	ng	
33) 4-Chloroaniline	10.808	127	219112	39.481	ng	99
34) Hexachlorobutadiene	11.002	225	115425	39.798	ng	99
35) Caprolactam	11.572	113	52960	38.534	ng	91
36) 4-Chloro-3-methylphenol	11.937	107	184491	41.579	ng	98
37) 2-Methylnaphthalene	12.318	142	395799	39.211	ng	100
38) 1-Methylnaphthalene	12.536	142	383426	38.390	ng	98
40) 1,2,4,5-Tetrachloroben...	12.689	216	208246	39.329	ng	98
41) Hexachlorocyclopentadiene	12.671	237	63029	47.032	ng	99
43) 2,4,6-Trichlorophenol	12.924	196	122684	40.290	ng	98

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Supervised By :mohammad ahmed 02/06/2025

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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)
44) 2,4,5-Trichlorophenol	12.988	196	138412	40.231	ng	97
46) 1,1'-Biphenyl	13.335	154	531178	38.855	ng	100
47) 2-Chloronaphthalene	13.370	162	390083	39.148	ng	100
48) 2-Nitroaniline	13.564	65	118360	44.802	ng	96
49) Acenaphthylene	14.216	152	611689	39.522	ng	99
50) Dimethylphthalate	13.958	163	501666	42.138	ng	99
51) 2,6-Dinitrotoluene	14.063	165	95990	43.440	ng	98
52) Acenaphthene	14.563	154	416128	40.083	ng	99
53) 3-Nitroaniline	14.392	138	106778	41.298	ng	97
54) 2,4-Dinitrophenol	14.592	184	24425	45.690	ng	# 87
55) Dibenzofuran	14.892	168	659325	39.112	ng	99
56) 4-Nitrophenol	14.692	139	84500	41.262	ng	96
57) 2,4-Dinitrotoluene	14.851	165	127407	44.176	ng	# 97
58) Fluorene	15.544	166	515042	39.530	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.115	232	134993	40.818	ng	99
60) Diethylphthalate	15.327	149	527849	41.818	ng	99
61) 4-Chlorophenyl-phenyle...	15.544	204	257105	39.328	ng	97
62) 4-Nitroaniline	15.556	138	115775	41.675	ng	99
63) Azobenzene	15.832	77	587256	39.390	ng	98
65) 4,6-Dinitro-2-methylph...	15.615	198	45495	47.195	ng	95
66) n-Nitrosodiphenylamine	15.756	169	445839	40.238	ng	98
67) 4-Bromophenyl-phenylether	16.437	248	163751	41.167	ng	98
68) Hexachlorobenzene	16.549	284	185761	39.723	ng	100
69) Atrazine	16.702	200	151886	41.192	ng	99
70) Pentachlorophenol	16.884	266	108459	40.332	ng	96
71) Phenanthrene	17.277	178	827230	39.412	ng	99
72) Anthracene	17.371	178	825089	39.285	ng	99
73) Carbazole	17.636	167	791960	40.281	ng	99
74) Di-n-butylphthalate	18.217	149	917485	44.768	ng	100
75) Fluoranthene	19.287	202	1013381	39.649	ng	98
77) Benzidine	19.469	184	532602	58.084	ng	98
78) Pyrene	19.651	202	1069071	40.216	ng	99
80) Butylbenzylphthalate	20.556	149	359990	39.849	ng	99
81) Benzo(a)anthracene	21.455	228	1089275	39.842	ng	99
82) 3,3'-Dichlorobenzidine	21.378	252	373433	43.860	ng	97
83) Chrysene	21.514	228	1071017	39.365	ng	99
84) Bis(2-ethylhexyl)phtha...	21.396	149	581664	39.908	ng	98
85) Di-n-octyl phthalate	22.554	149	948114	40.231	ng	99
87) Indeno(1,2,3-cd)pyrene	27.918	276	1190984	40.793	ng	99
88) Benzo(b)fluoranthene	23.546	252	1075439	40.356	ng	98
89) Benzo(k)fluoranthene	23.611	252	1103644	40.333	ng	99
90) Benzo(a)pyrene	24.357	252	961075	40.404	ng	100
91) Dibenzo(a,h)anthracene	27.977	278	992345	40.253	ng	98
92) Benzo(g,h,i)perylene	28.975	276	1007013	40.462	ng	98

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

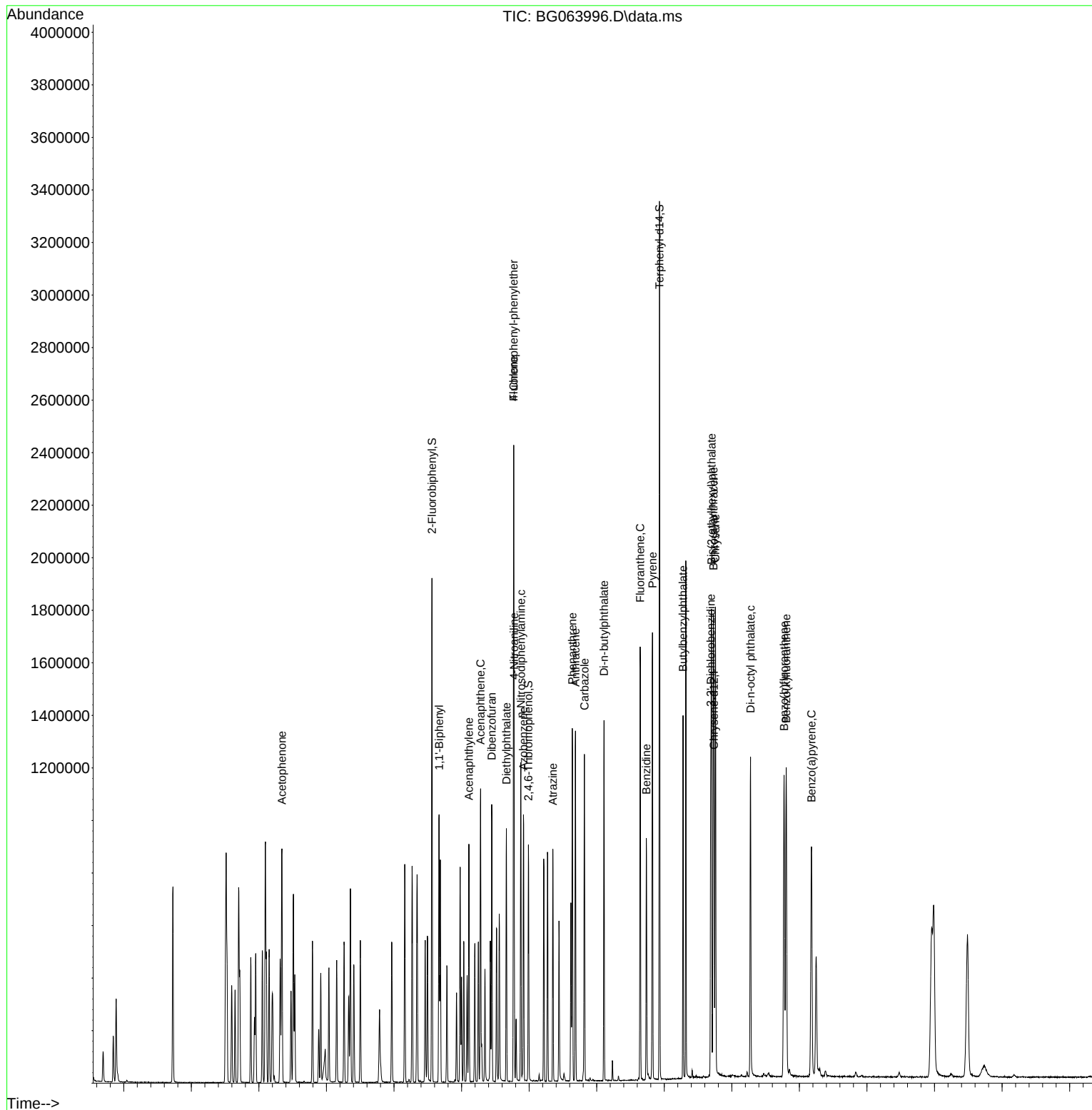
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
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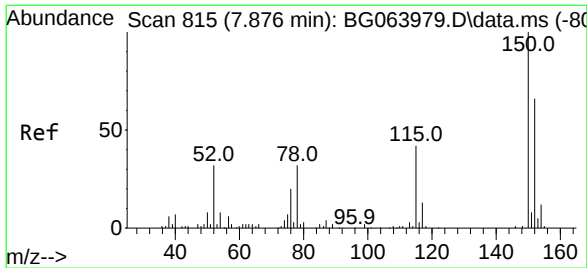
Instrument :
BNA_G
ClientSampleId :
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APPROVED

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





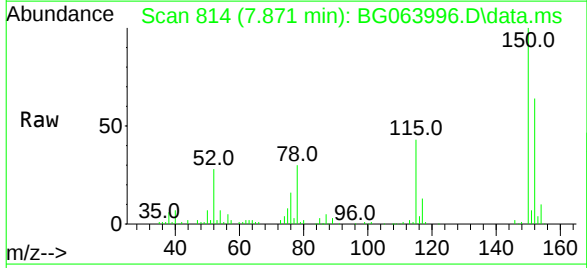
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.871 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



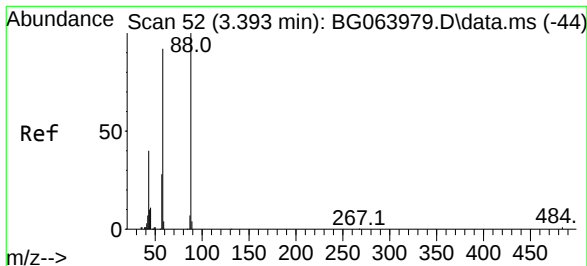
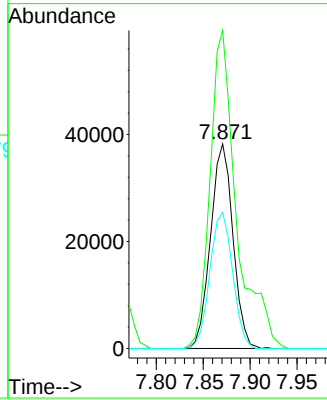
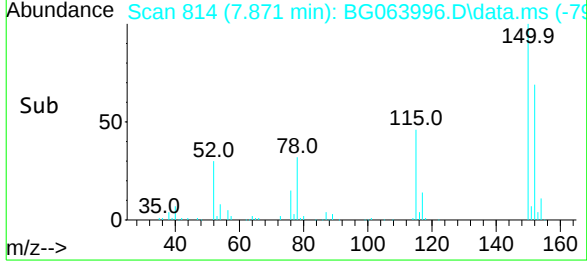
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Ion Ratio Lower Upper
152 100
150 155.4 121.0 181.6
115 66.6 50.4 75.6

Manual Integrations

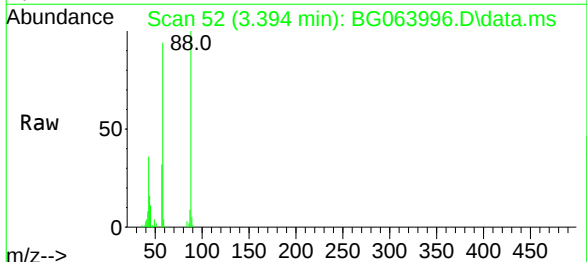
APPROVED

Reviewed By :Yogesh Patel 02/06/2025

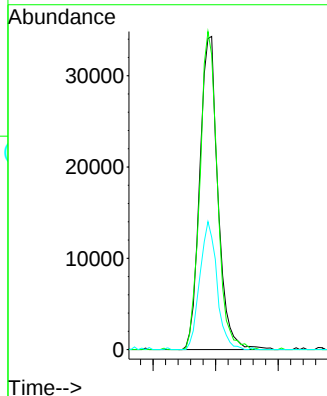
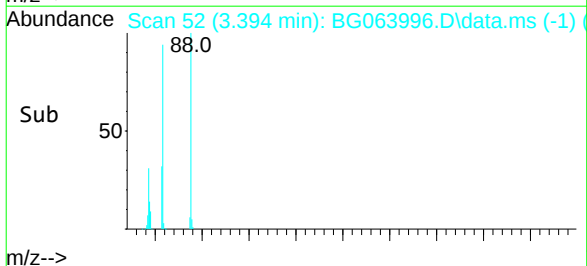
Supervised By :mohammad ahmed 02/06/2025

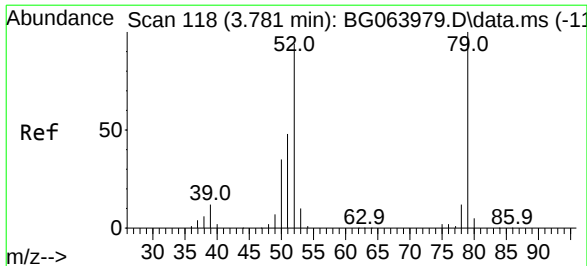


#2
1,4-Dioxane
Concen: 36.904 ng
RT: 3.394 min Scan# 52
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



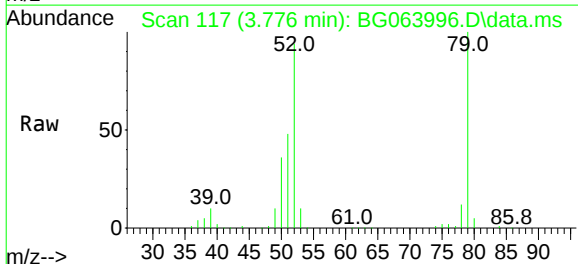
Tgt Ion: 88 Resp: 69343
Ion Ratio Lower Upper
88 100
58 97.1 71.8 107.8
43 38.3 31.2 46.8





#3
Pyridine
Concen: 37.429 ng
RT: 3.776 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

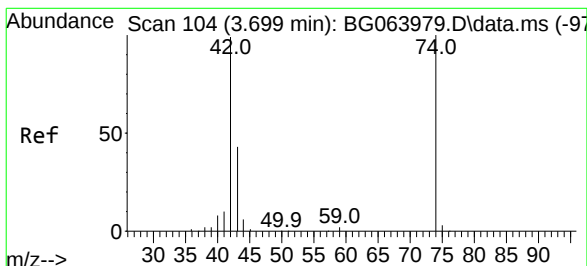
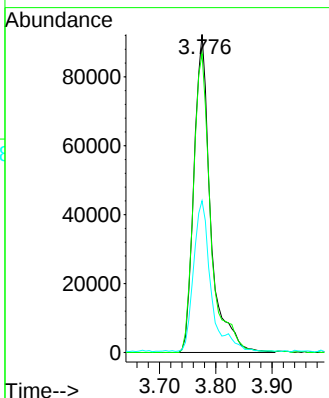
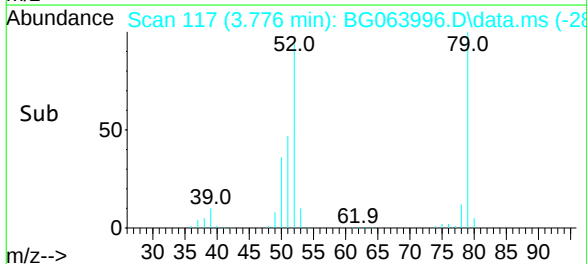
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 189914
Ion Ratio Lower Upper
79 100
52 93.9 75.1 112.7
51 47.7 38.9 58.3

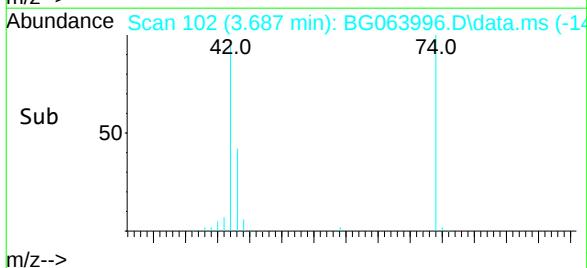
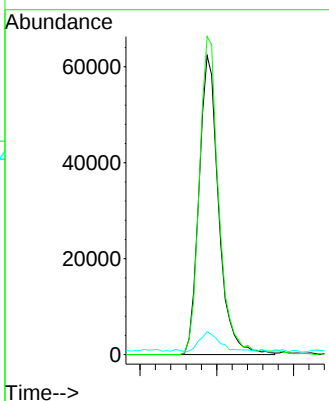
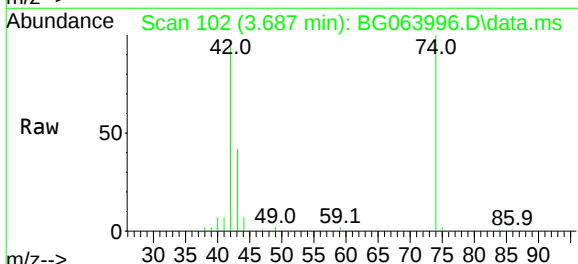
Manual Integrations
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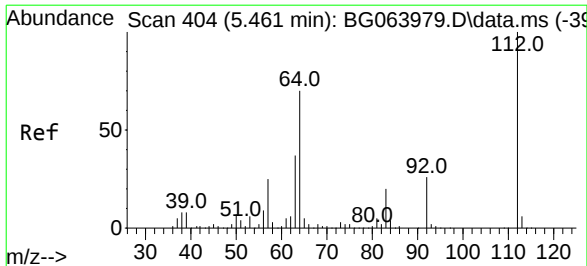
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#4
n-Nitrosodimethylamine
Concen: 37.898 ng
RT: 3.687 min Scan# 102
Delta R.T. -0.011 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Tgt Ion: 42 Resp: 110569
Ion Ratio Lower Upper
42 100
74 106.4 80.8 121.2
44 7.7 5.8 8.6





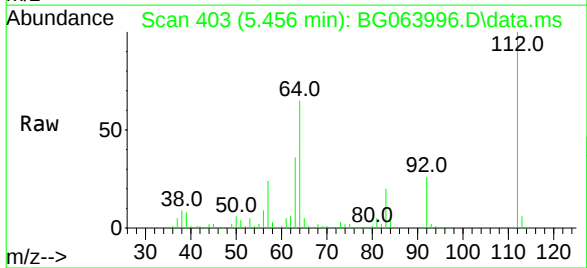
#5
2-Fluorophenol
Concen: 82.620 ng
RT: 5.456 min Scan# 404
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

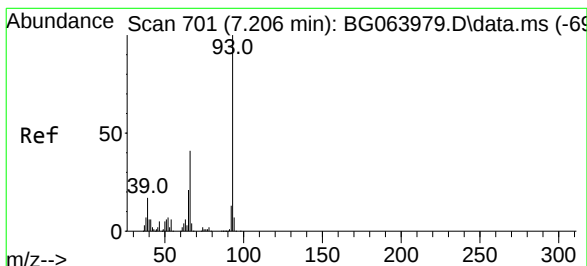
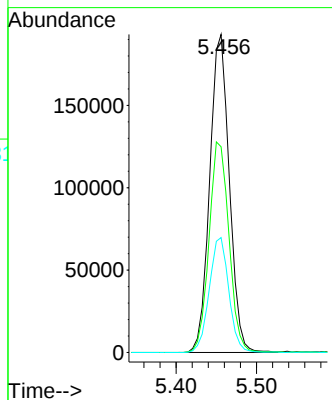
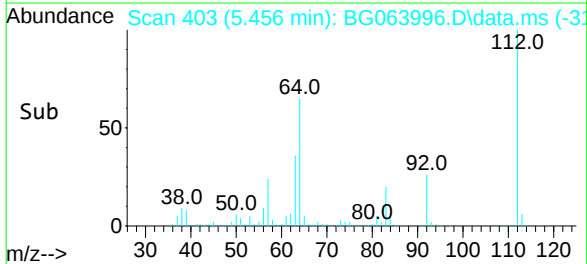
SSTDCCC040



Tgt Ion:112 Resp: 326889
Ion Ratio Lower Upper
112 100
64 64.7 55.8 83.8
63 36.1 29.3 43.9

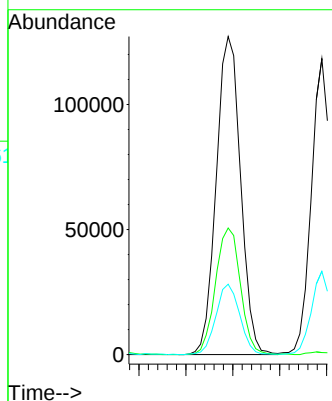
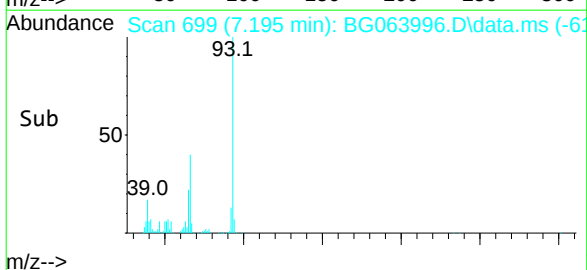
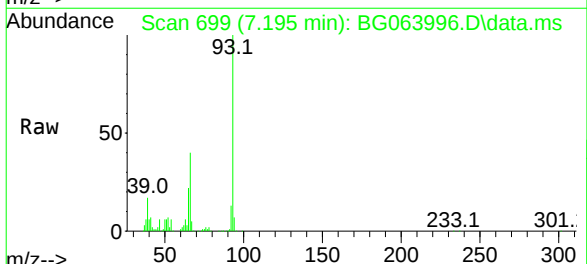
Manual Integrations
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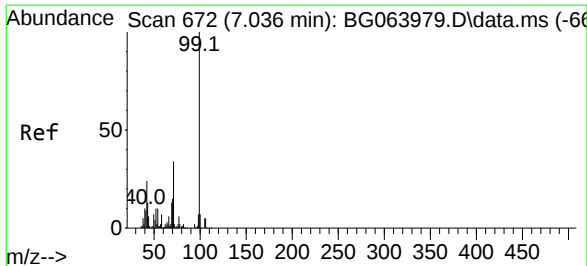
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 39.401 ng
RT: 7.195 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

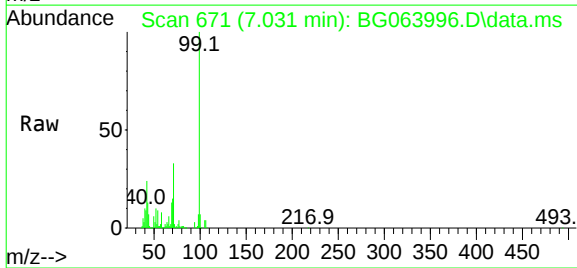
Tgt Ion: 93 Resp: 229256
Ion Ratio Lower Upper
93 100
66 39.8 32.5 48.7
65 22.1 16.6 25.0





#7
Phenol-d6
Concen: 81.747 ng
RT: 7.031 min Scan# 671
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

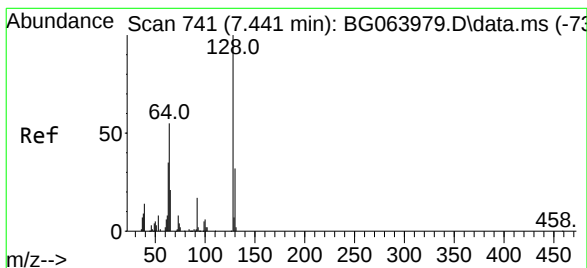
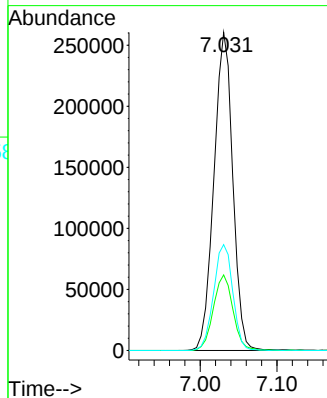
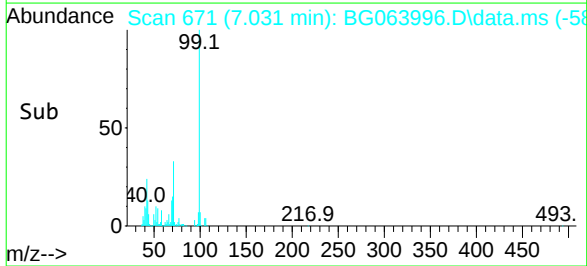
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 443858
Ion Ratio Lower Upper
99 100
42 23.8 18.9 28.3
71 33.3 27.0 40.6

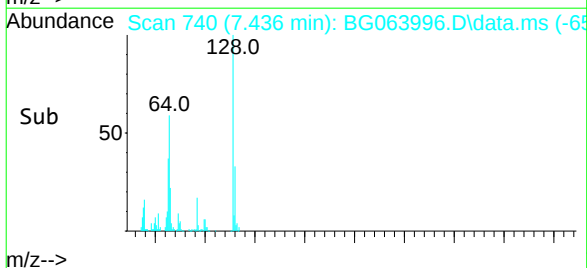
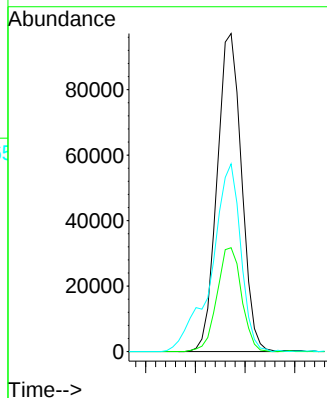
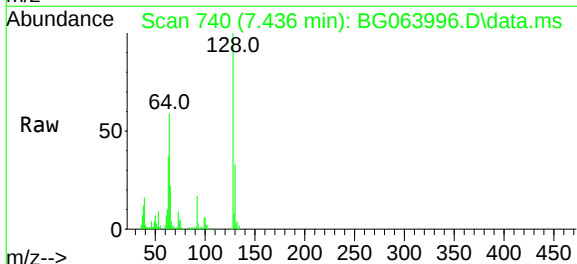
Manual Integrations
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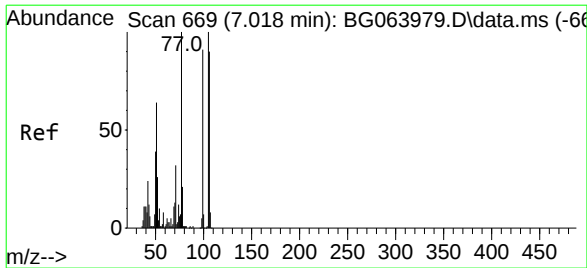
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#8
2-Chlorophenol
Concen: 41.205 ng
RT: 7.436 min Scan# 740
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

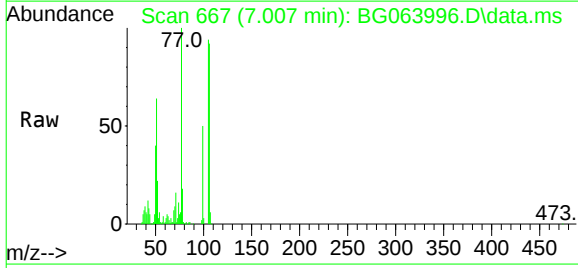
Tgt Ion:128 Resp: 166126
Ion Ratio Lower Upper
128 100
130 32.7 11.9 51.9
64 59.0 36.8 76.8





#9
Benzaldehyde
Concen: 40.231 ng
RT: 7.007 min Scan# 669
Delta R.T. -0.011 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

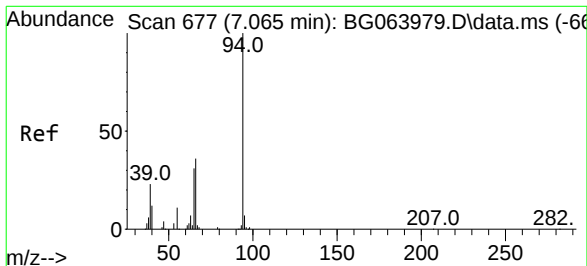
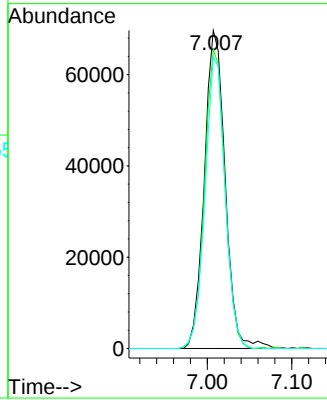
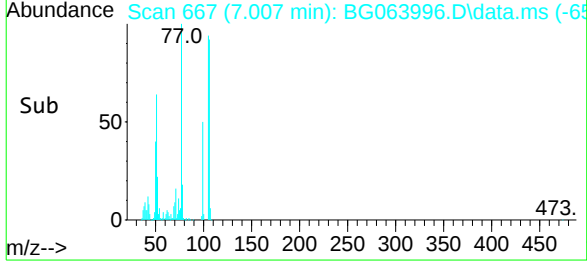
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Tgt Ion: 77 Resp: 119249
Ion Ratio Lower Upper
77 100
105 94.0 79.8 119.8
106 91.6 69.9 109.9

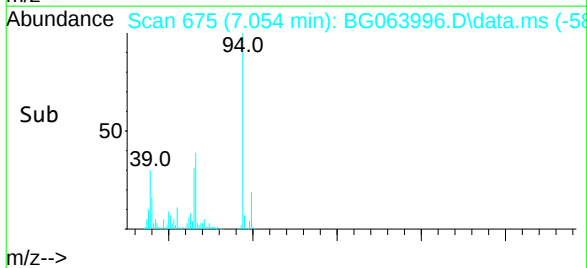
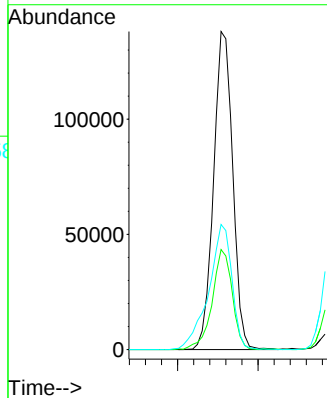
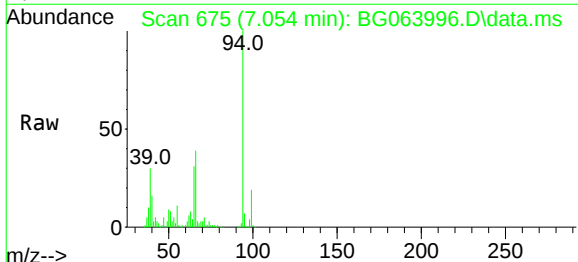
Manual Integrations
APPROVED

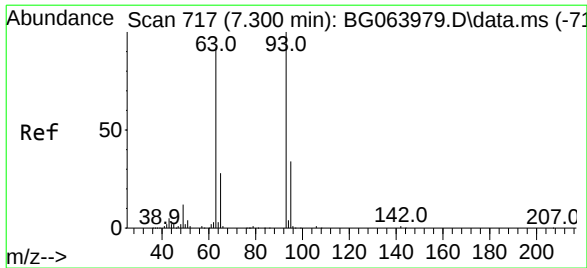
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#10
Phenol
Concen: 40.009 ng
RT: 7.054 min Scan# 675
Delta R.T. -0.011 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

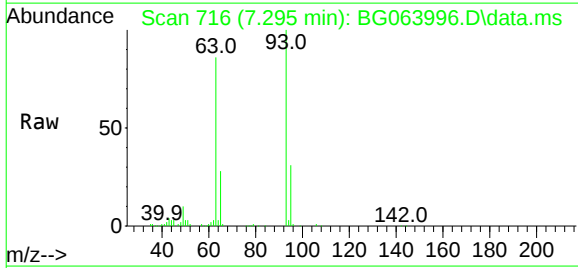
Tgt Ion: 94 Resp: 228672
Ion Ratio Lower Upper
94 100
65 31.5 11.4 51.4
66 39.3 16.7 56.7





#11
bis(2-Chloroethyl)ether
Concen: 38.706 ng
RT: 7.295 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

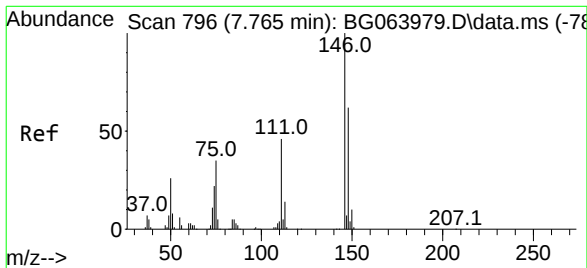
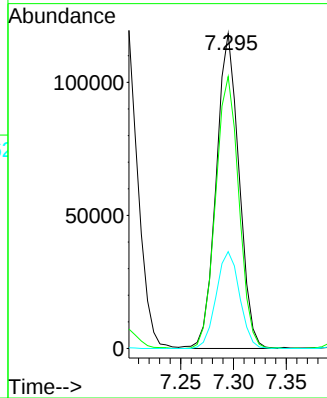
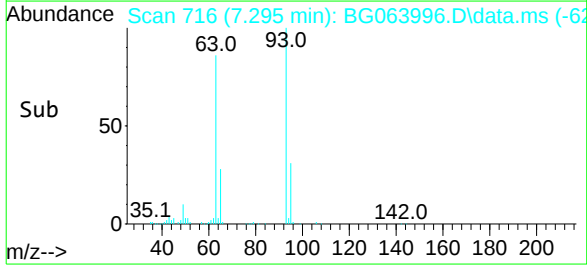
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



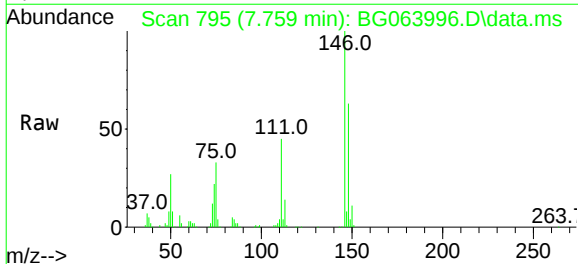
Tgt Ion: 93 Resp: 178141
Ion Ratio Lower Upper
93 100
63 86.3 71.2 111.2
95 30.7 13.9 53.9

Manual Integrations
APPROVED

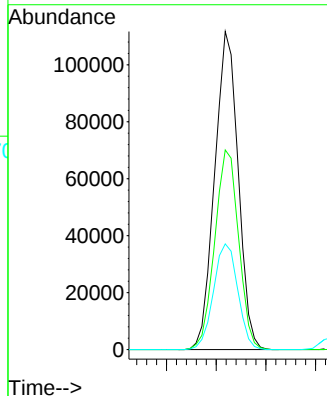
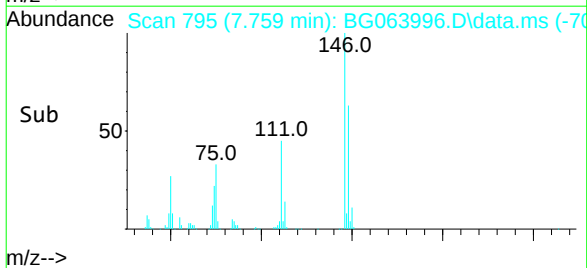
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

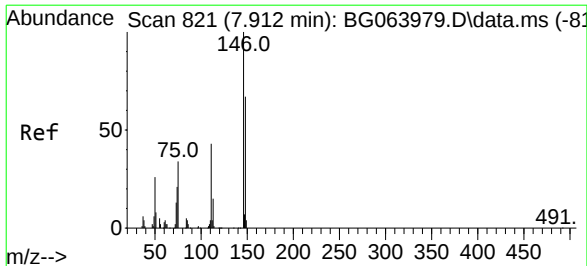


#12
1,3-Dichlorobenzene
Concen: 38.246 ng
RT: 7.759 min Scan# 795
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



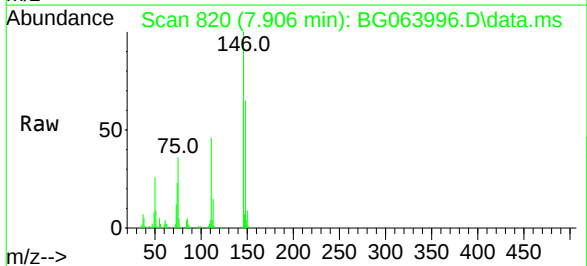
Tgt Ion:146 Resp: 183484
Ion Ratio Lower Upper
146 100
148 62.8 49.6 74.4
75 33.2 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 38.842 ng
RT: 7.906 min Scan# 821
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

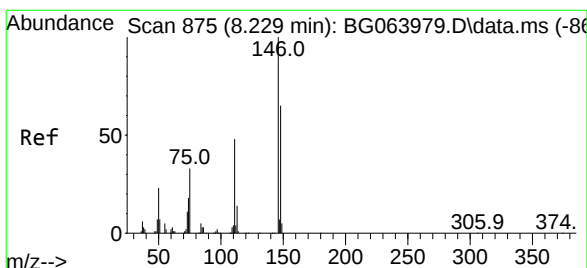
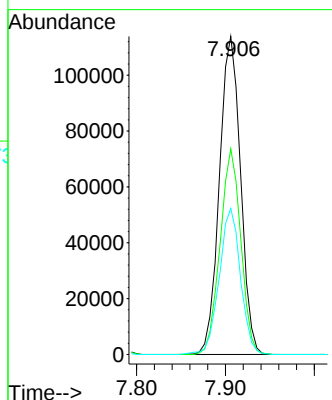
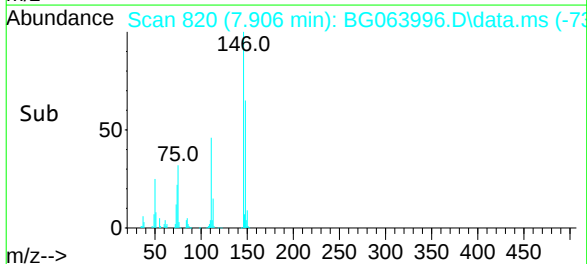
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:146 Resp: 188191
Ion Ratio Lower Upper
146 100
148 64.7 53.3 79.9
111 45.9 34.8 52.2

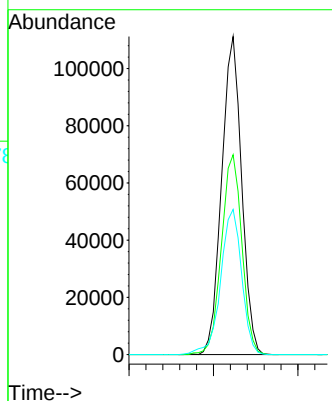
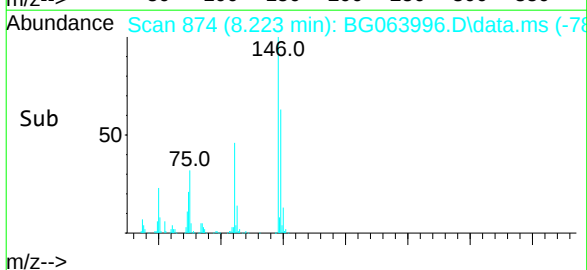
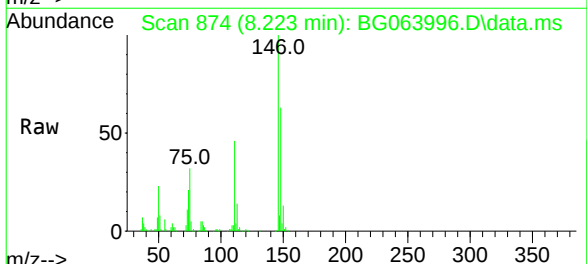
Manual Integrations
APPROVED

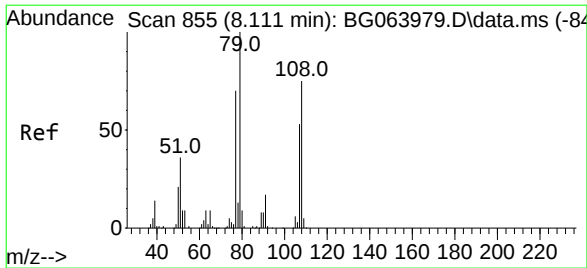
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#14
1,2-Dichlorobenzene
Concen: 39.388 ng
RT: 8.223 min Scan# 874
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

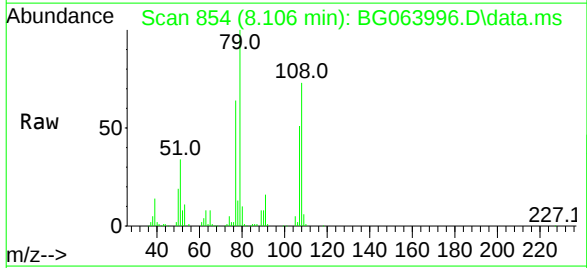
Tgt Ion:146 Resp: 182911
Ion Ratio Lower Upper
146 100
148 62.8 52.0 78.0
111 45.6 38.2 57.2





#15
Benzyl Alcohol
Concen: 40.243 ng
RT: 8.106 min Scan# 855
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

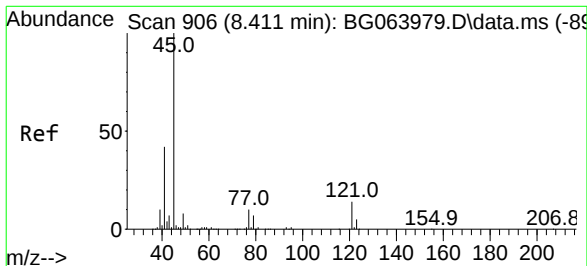
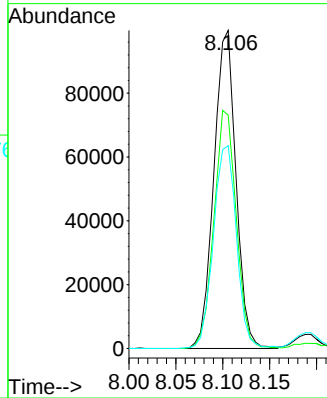
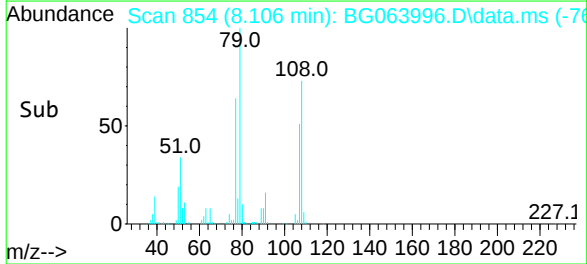
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



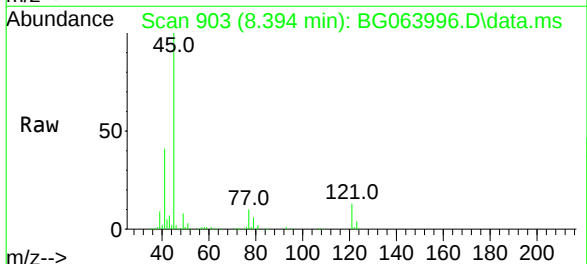
Tgt Ion: 79 Resp: 163321
Ion Ratio Lower Upper
79 100
108 73.4 60.3 90.5
77 63.8 55.8 83.8

Manual Integrations
APPROVED

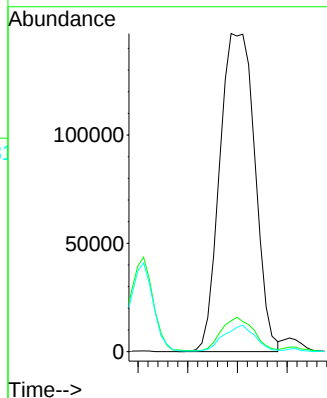
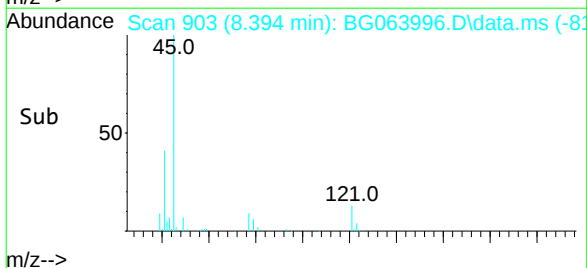
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

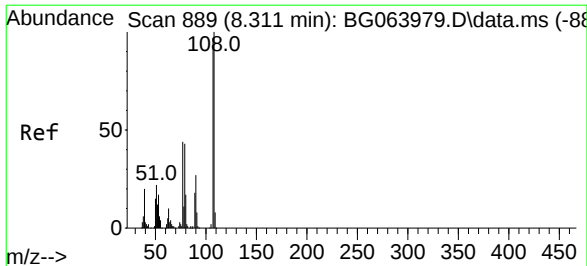


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.974 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.017 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



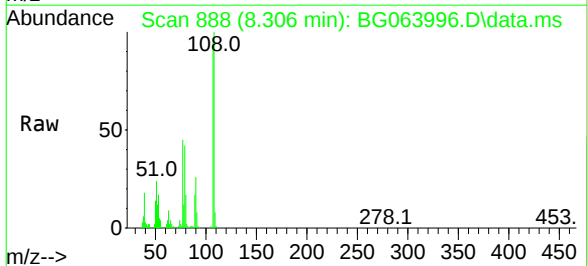
Tgt Ion: 45 Resp: 361200
Ion Ratio Lower Upper
45 100
77 9.7 0.0 29.8
79 6.4 0.0 27.7





#17
2-Methylphenol
Concen: 39.632 ng
RT: 8.306 min Scan# 888
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

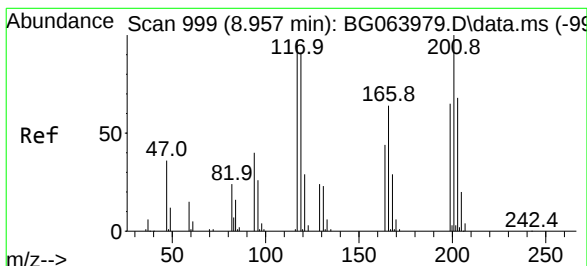
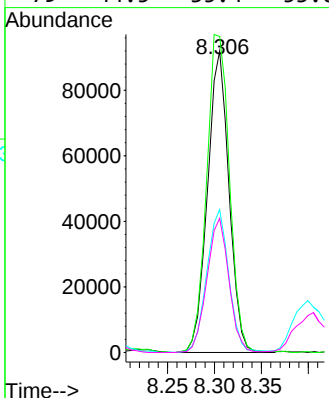
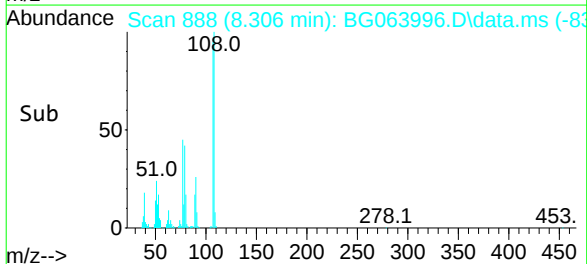
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:	107	Resp:	146499
Ion	Ratio	Lower	Upper
107	100		
108	104.8	82.9	124.3
77	47.4	36.4	54.6
79	44.5	35.4	53.0

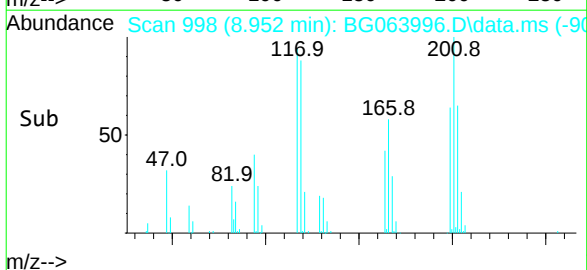
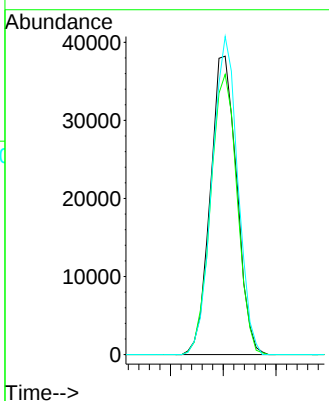
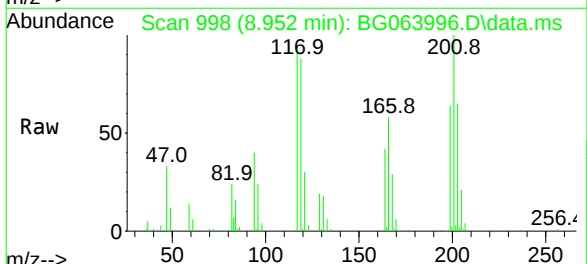
Manual Integrations
APPROVED

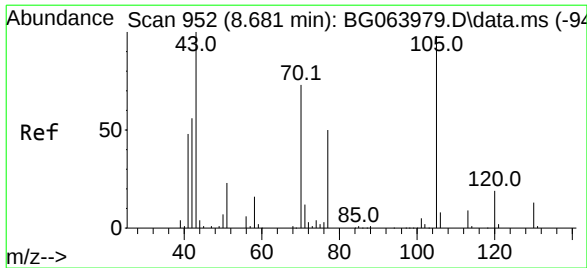
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#18
Hexachloroethane
Concen: 41.791 ng
RT: 8.952 min Scan# 998
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

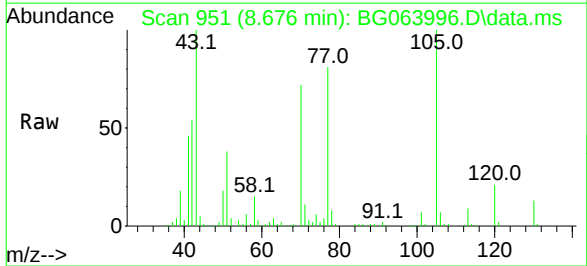
Tgt Ion:	117	Resp:	66637
Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.4	113.0
201	106.6	82.4	123.6





#19
n-Nitroso-di-n-propylamine
Concen: 40.291 ng
RT: 8.676 min Scan# 951
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

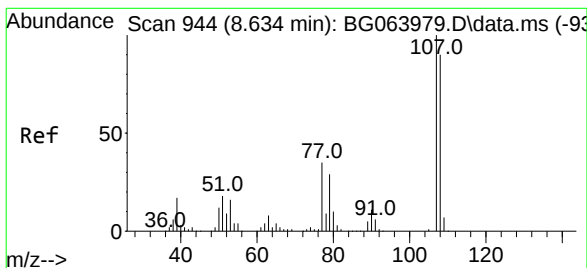
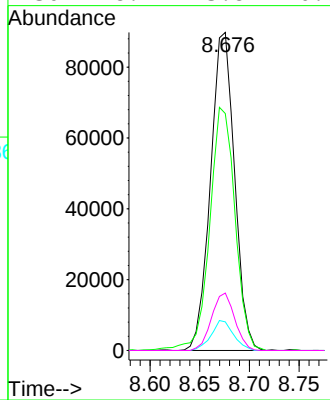
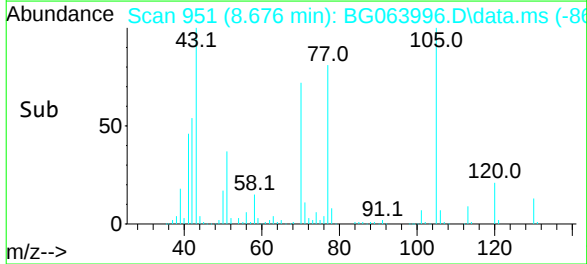
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 151497
Ion Ratio Lower Upper
70 100
42 74.5 62.2 93.4
101 9.0 5.6 8.4#
130 18.1 13.8 20.6

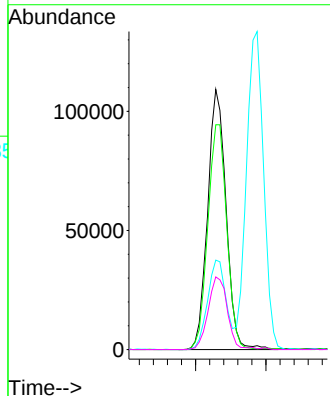
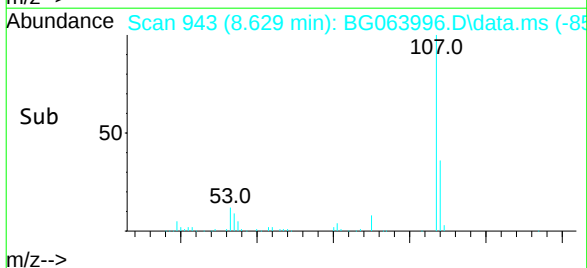
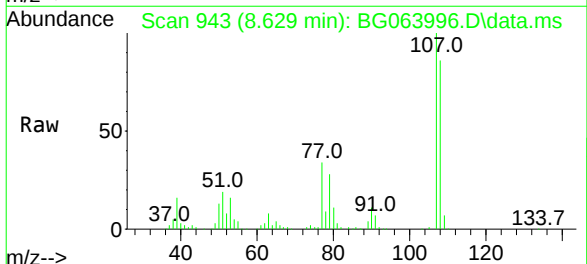
Manual Integrations
APPROVED

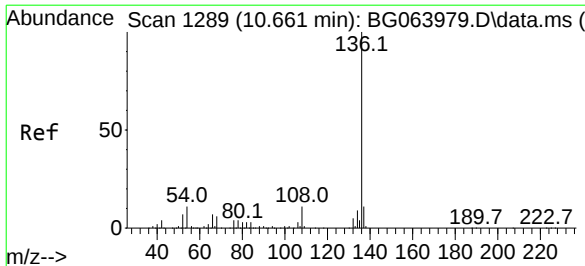
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#20
3+4-Methylphenols
Concen: 40.385 ng
RT: 8.629 min Scan# 943
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Tgt Ion:107 Resp: 198882
Ion Ratio Lower Upper
107 100
108 86.4 70.0 110.0
77 34.4 15.2 55.2
79 27.9 9.1 49.1





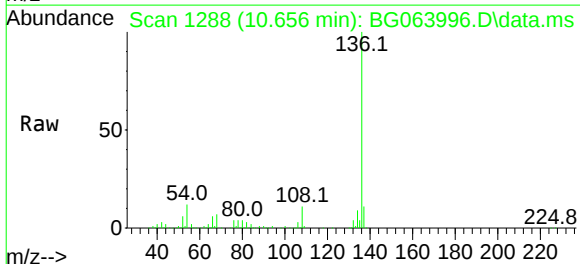
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.656 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

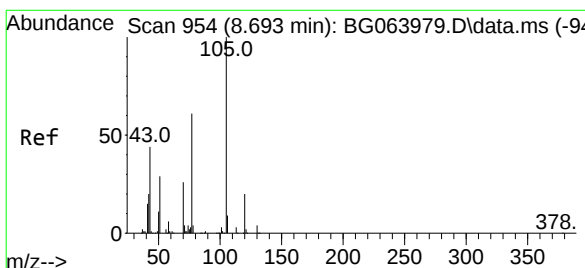
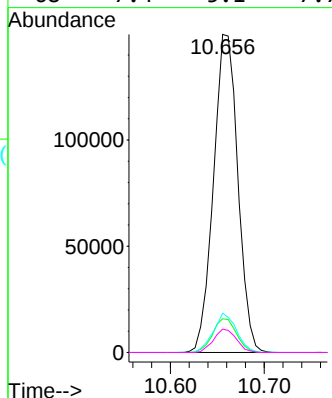
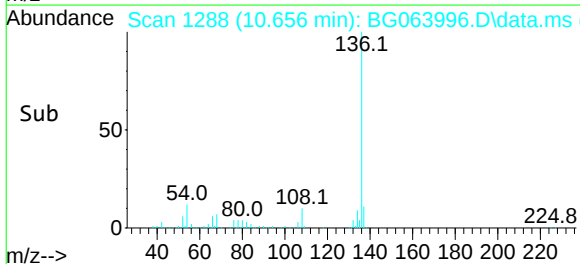
SSTDCCC040



Tgt Ion:	136	Resp:	270173
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	12.4	9.2	13.8
68	7.4	5.1	7.7

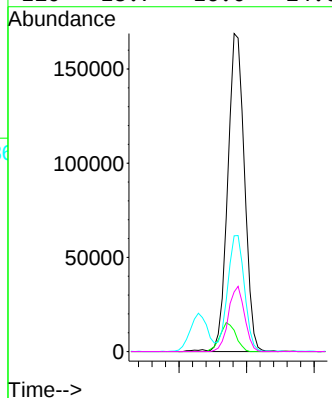
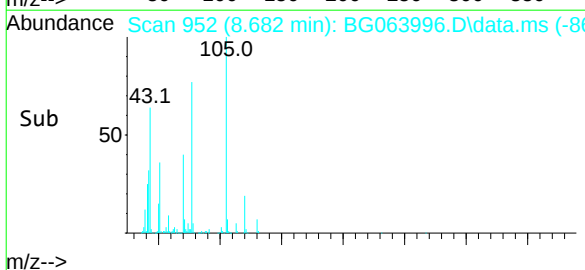
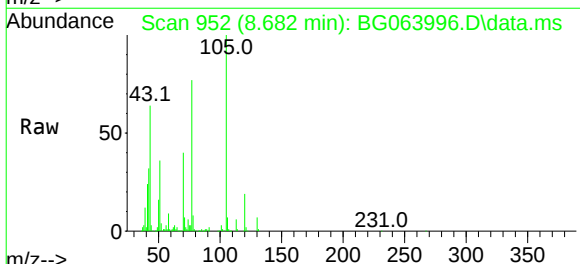
Manual Integrations
APPROVED

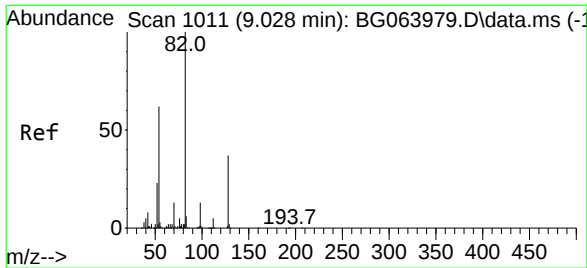
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#22
Acetophenone
Concen: 39.136 ng
RT: 8.682 min Scan# 952
Delta R.T. -0.011 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Tgt Ion:	105	Resp:	290511
Ion Ratio	Lower	Upper	
105	100		
71	6.7	3.1	4.7#
51	36.4	29.9	44.9
120	18.7	16.0	24.0





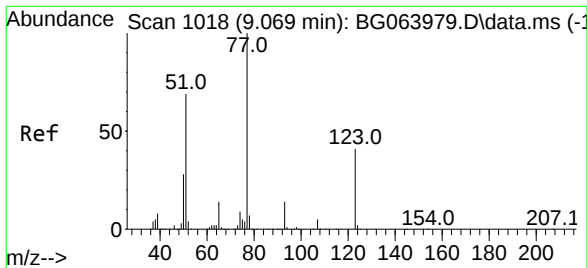
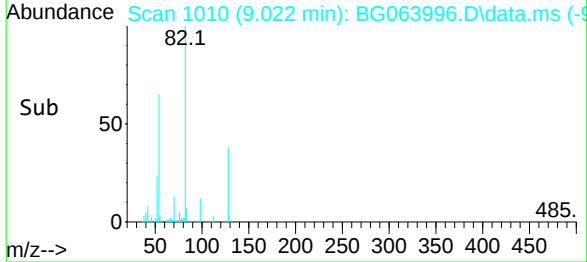
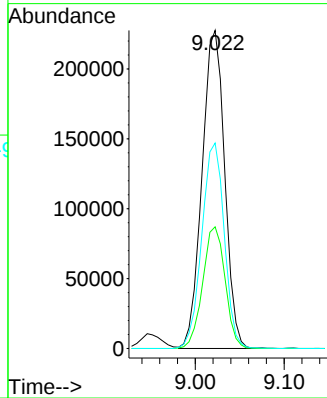
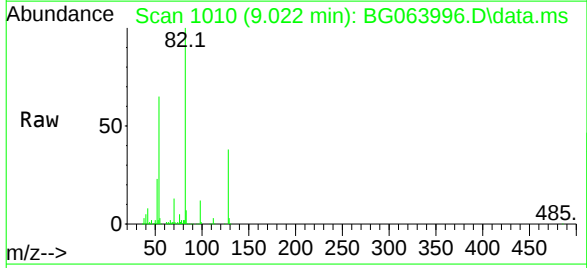
#23
Nitrobenzene-d5
Concen: 90.524 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 402420
Ion Ratio Lower Upper
82 100
128 38.3 29.4 44.2
54 64.6 49.9 74.9

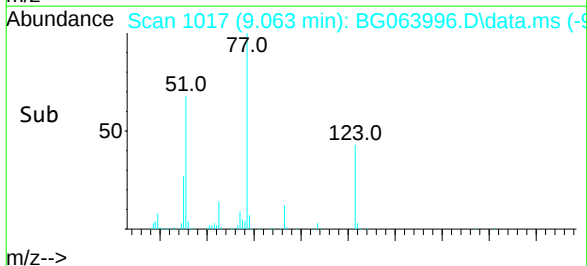
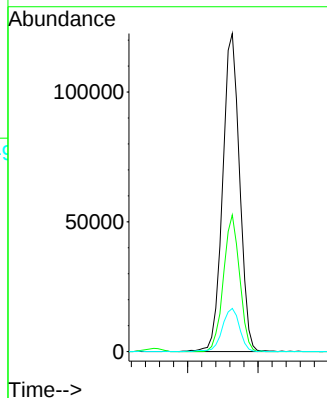
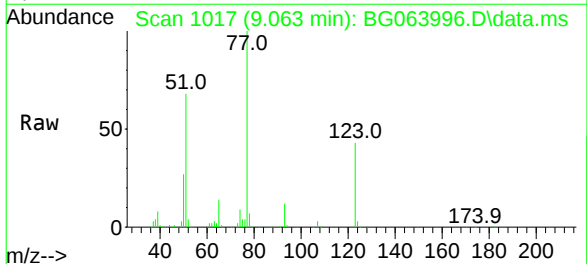
Manual Integrations
APPROVED

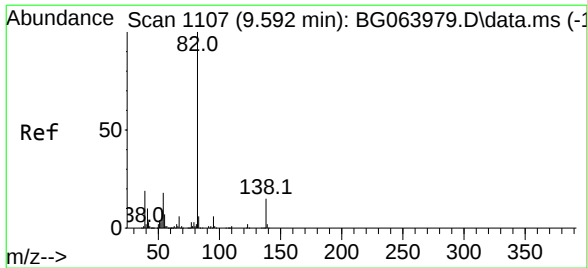
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#24
Nitrobenzene
Concen: 40.482 ng
RT: 9.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Tgt Ion: 77 Resp: 204677
Ion Ratio Lower Upper
77 100
123 43.0 32.9 49.3
65 13.6 11.0 16.6





#25

Isophorone

Concen: 39.672 ng

RT: 9.586 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 382310

Ion Ratio Lower Upper

82 100

95 7.7 5.0 7.4

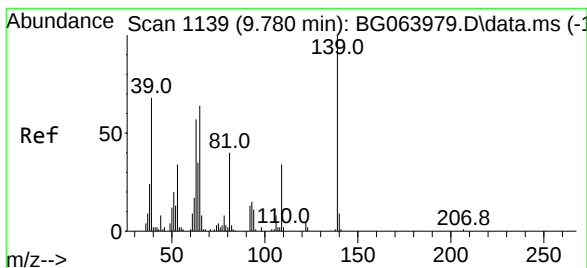
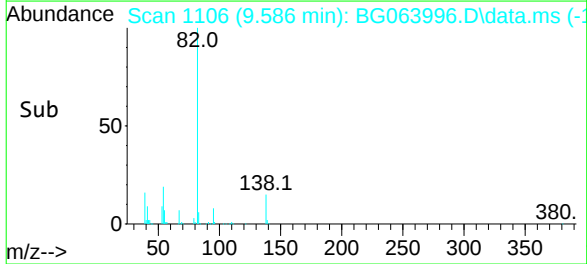
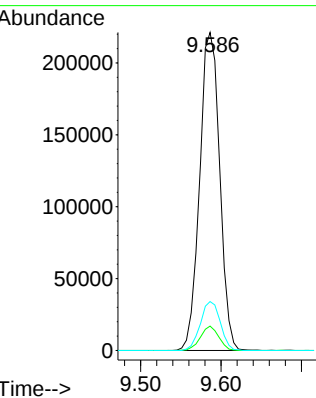
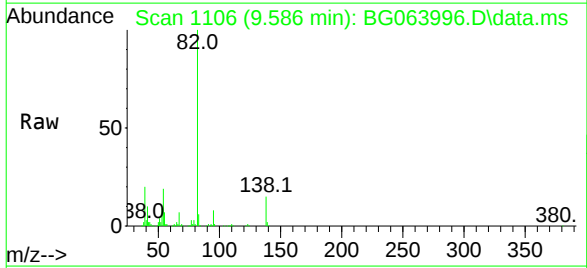
138 15.4 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#26

2-Nitrophenol

Concen: 46.454 ng

RT: 9.774 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

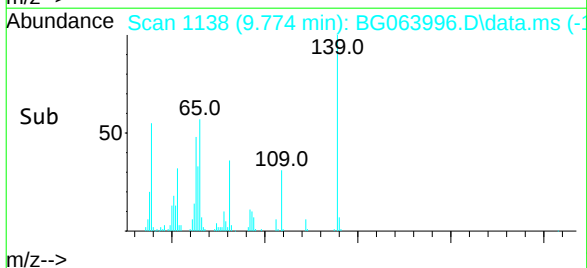
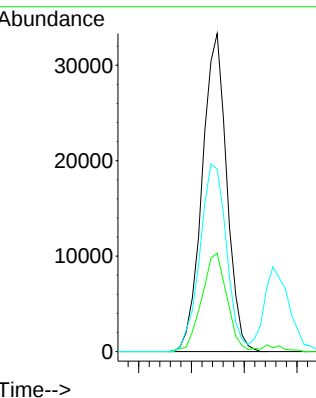
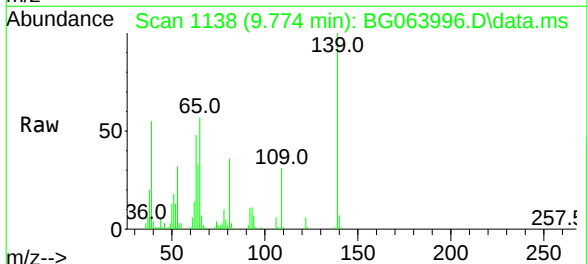
Tgt Ion:139 Resp: 53933

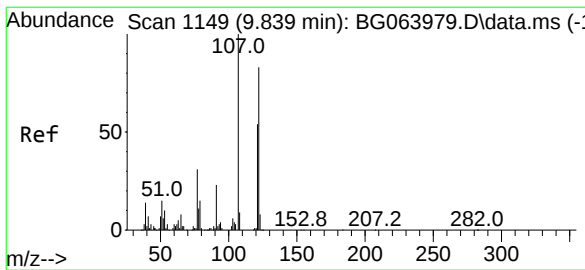
Ion Ratio Lower Upper

139 100

109 30.9 27.1 40.7

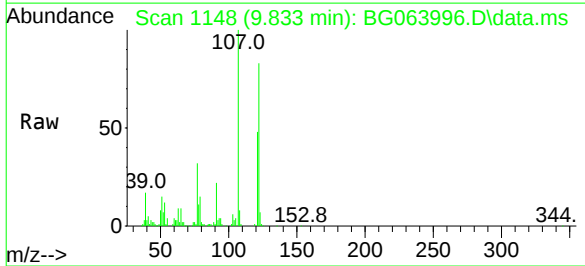
65 57.4 51.0 76.6





#27
2,4-Dimethylphenol
Concen: 42.309 ng
RT: 9.833 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

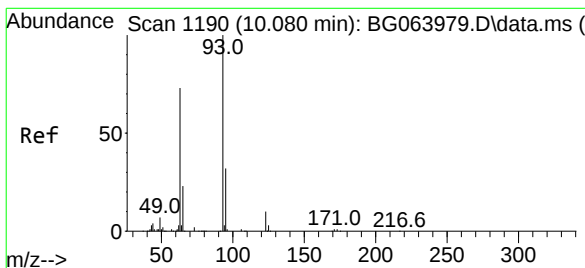
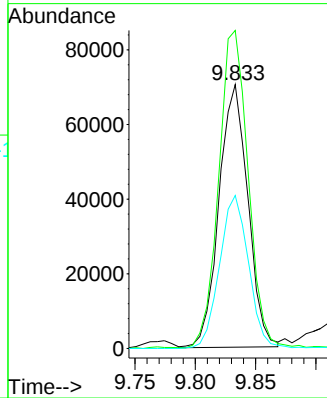
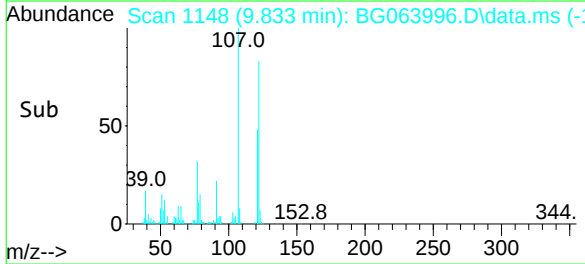
Instrument : BNA_G
ClientSampleId : SSTDCCC040



Tgt Ion: 122 Resp: 117284
Ion Ratio Lower Upper
122 100
107 120.5 96.4 144.6
121 58.0 51.8 77.6

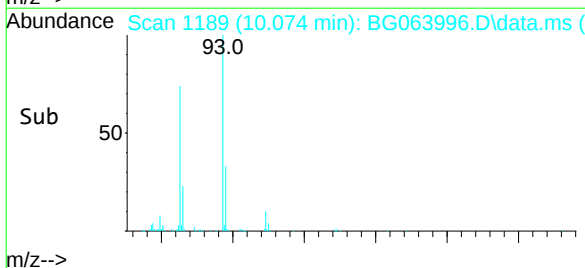
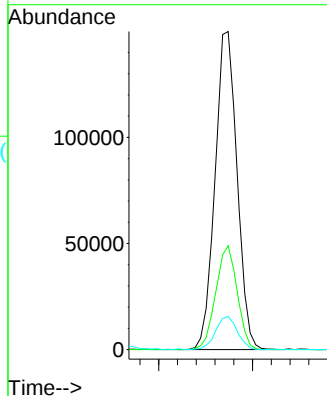
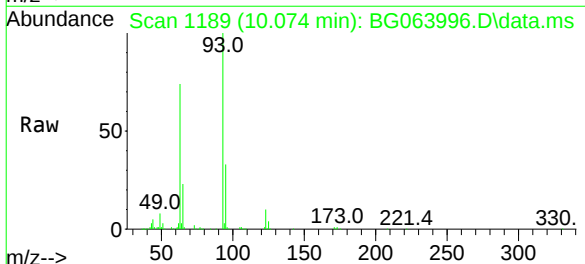
Manual Integrations
APPROVED

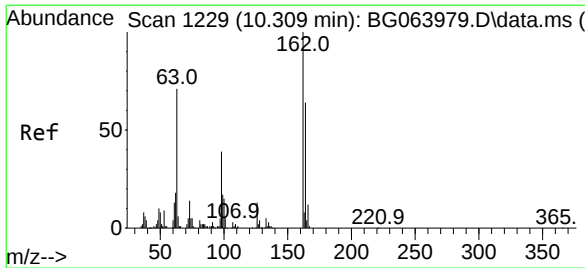
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.884 ng
RT: 10.074 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

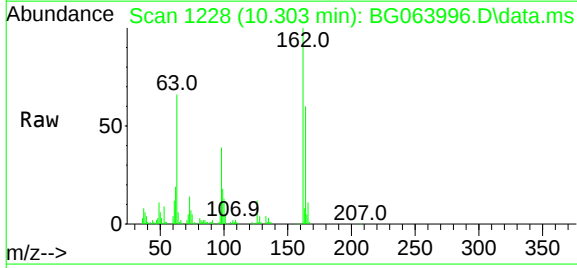
Tgt Ion: 93 Resp: 244566
Ion Ratio Lower Upper
93 100
95 32.7 25.4 38.2
123 10.4 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 39.917 ng
RT: 10.303 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

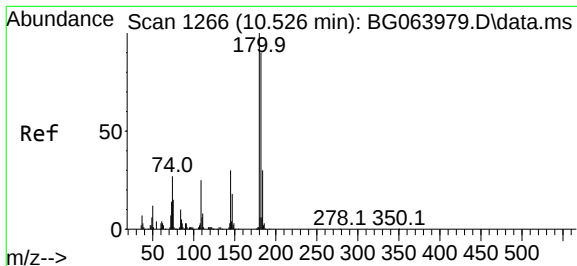
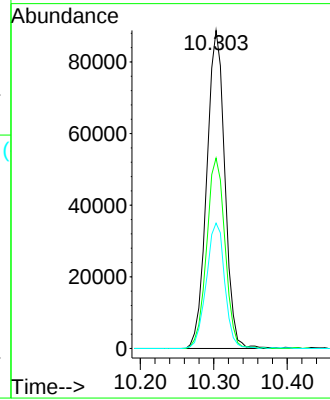
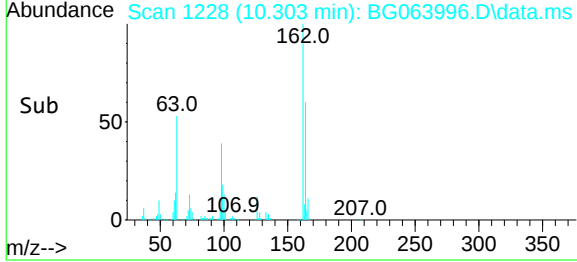
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



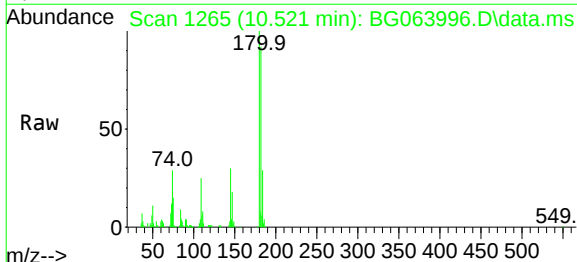
Tgt Ion:162 Resp: 152063
Ion Ratio Lower Upper
162 100
164 59.9 43.6 83.6
98 39.4 18.6 58.6

Manual Integrations
APPROVED

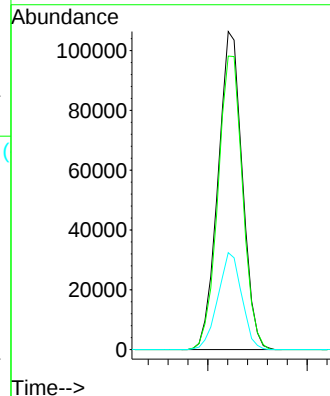
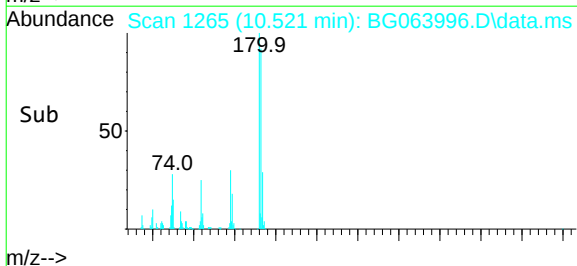
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

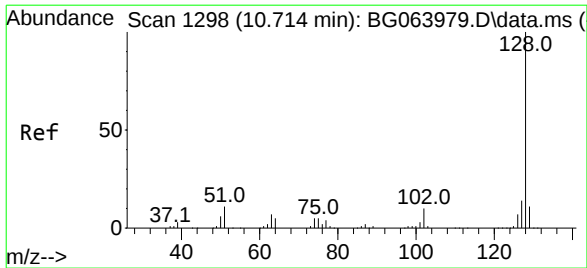


#30
1,2,4-Trichlorobenzene
Concen: 39.696 ng
RT: 10.521 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



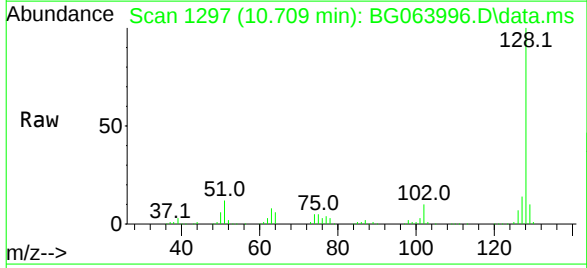
Tgt Ion:180 Resp: 180787
Ion Ratio Lower Upper
180 100
182 92.3 72.3 108.5
145 30.5 23.8 35.8





#31
Naphthalene
Concen: 39.330 ng
RT: 10.709 min Scan# 1297
Delta R.T. -0.005 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

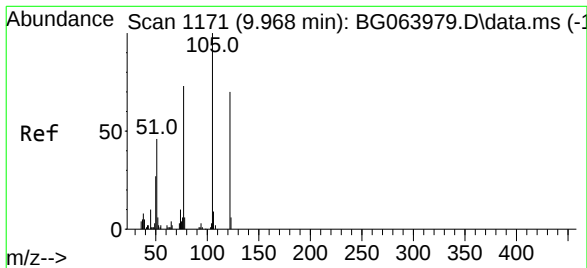
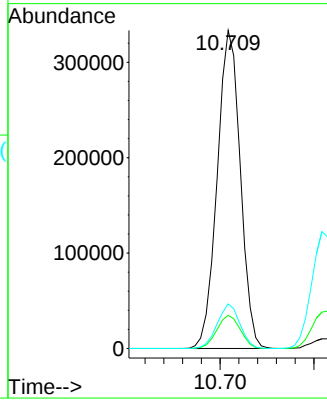
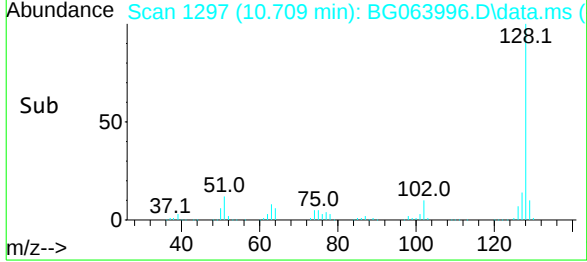
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



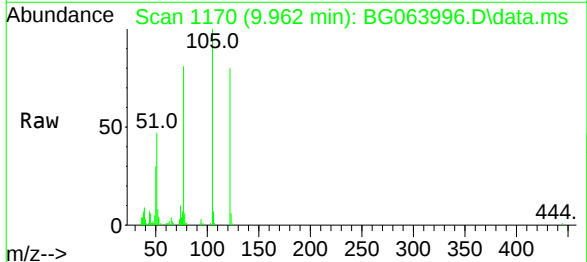
Tgt Ion:128 Resp: 569687
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 14.0 10.8 16.2

Manual Integrations
APPROVED

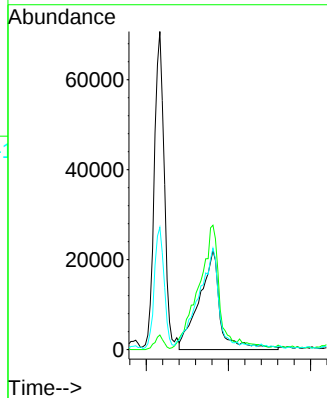
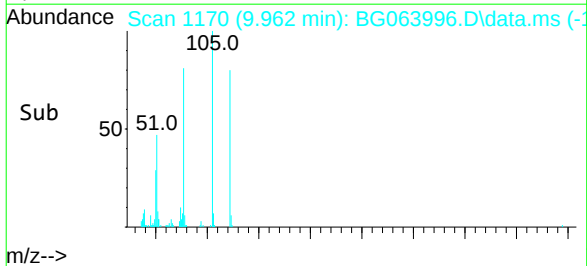
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

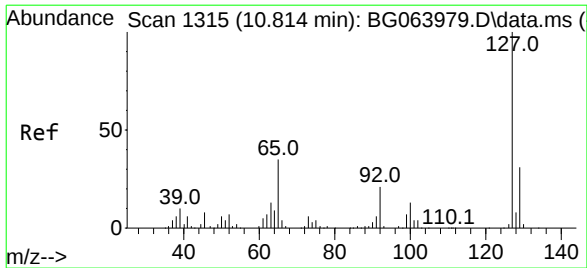


#32
Benzoic acid
Concen: 44.581 ng m
RT: 9.962 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



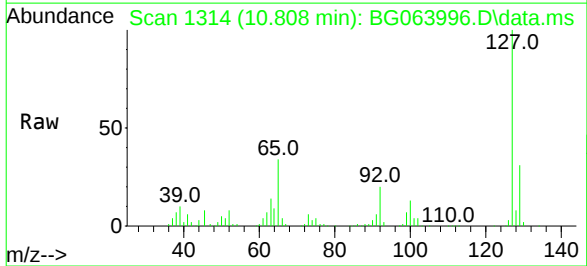
Tgt Ion:122 Resp: 78296
Ion Ratio Lower Upper
122 100
105 125.4 117.9 157.9
77 102.1 83.9 123.9





#33
4-Chloroaniline
Concen: 39.481 ng
RT: 10.808 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

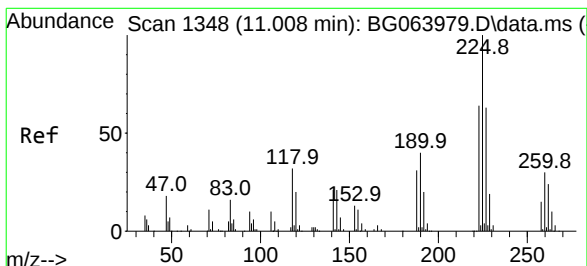
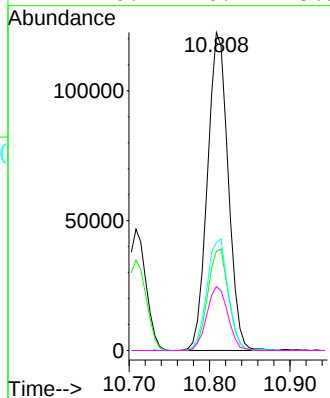
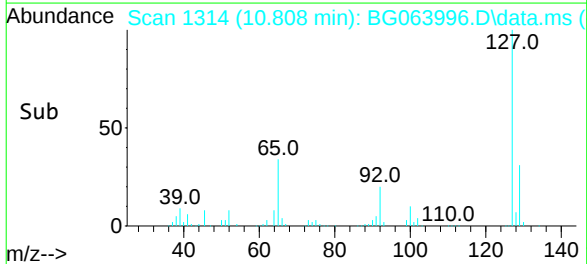
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



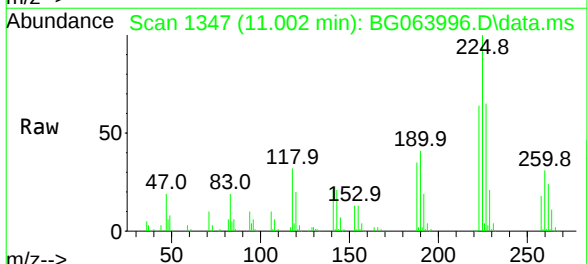
Tgt Ion:127 Resp: 219112
Ion Ratio Lower Upper
127 100
129 31.2 24.9 37.3
65 33.9 28.2 42.4
92 20.1 16.9 25.3

Manual Integrations
APPROVED

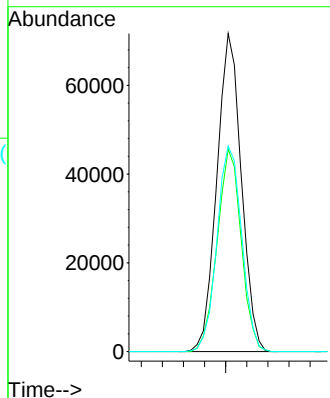
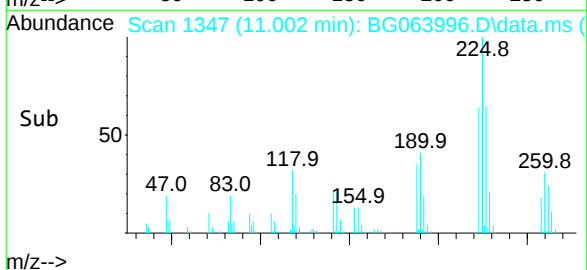
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

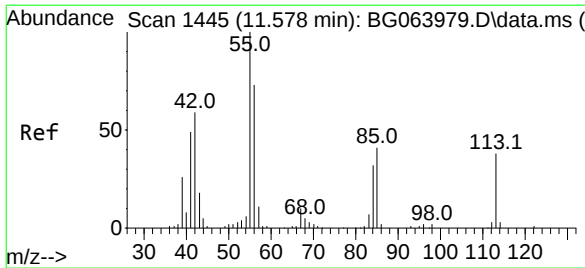


#34
Hexachlorobutadiene
Concen: 39.798 ng
RT: 11.002 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



Tgt Ion:225 Resp: 115425
Ion Ratio Lower Upper
225 100
223 63.6 51.0 76.6
227 64.6 50.3 75.5





#35

Caprolactam

Concen: 38.534 ng

RT: 11.572 min Scan# 14

Delta R.T. -0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 52960

Ion Ratio Lower Upper

113 100

55 250.1 241.8 281.8

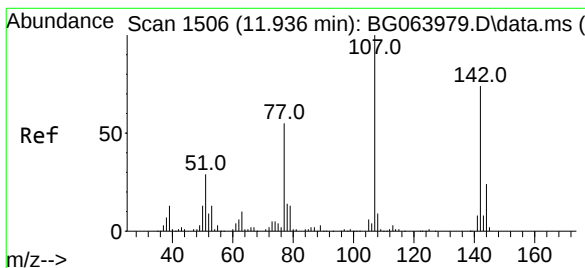
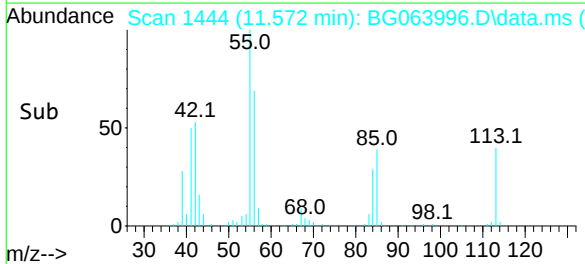
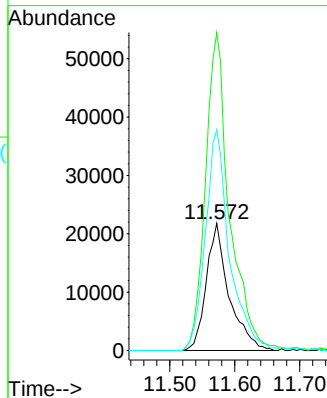
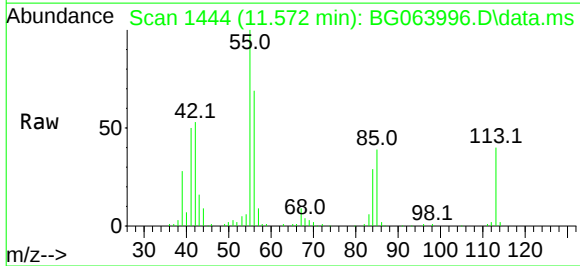
56 173.6 171.5 211.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#36

4-Chloro-3-methylphenol

Concen: 41.579 ng

RT: 11.937 min Scan# 1506

Delta R.T. 0.001 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

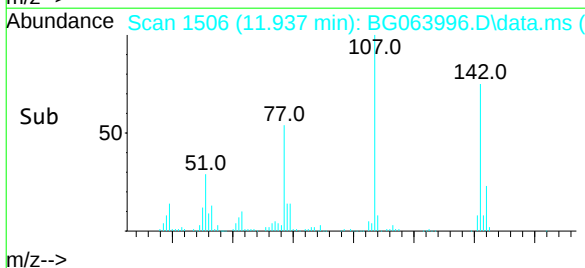
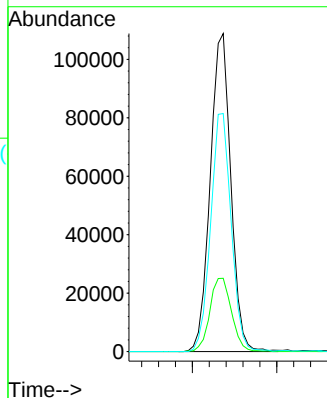
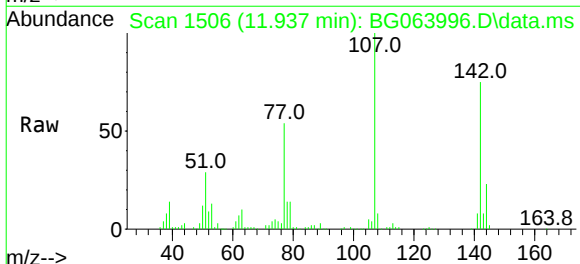
Tgt Ion:107 Resp: 184491

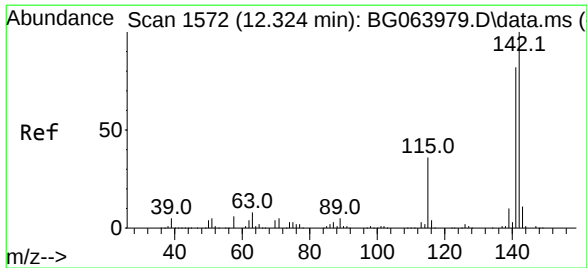
Ion Ratio Lower Upper

107 100

144 23.0 19.2 28.8

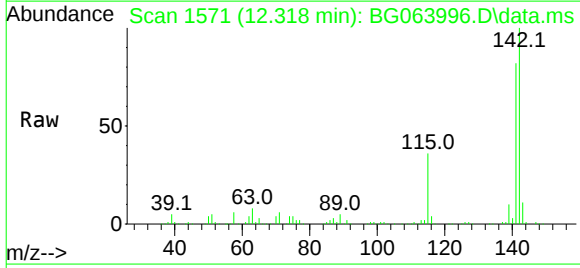
142 74.8 58.9 88.3





#37
2-Methylnaphthalene
Concen: 39.211 ng
RT: 12.318 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

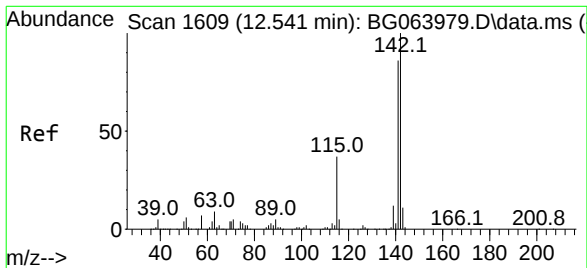
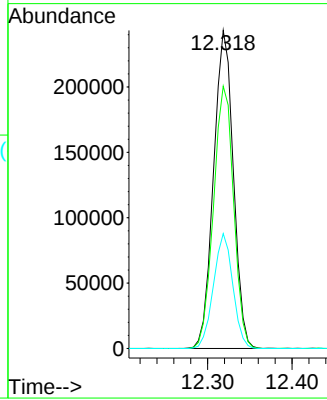
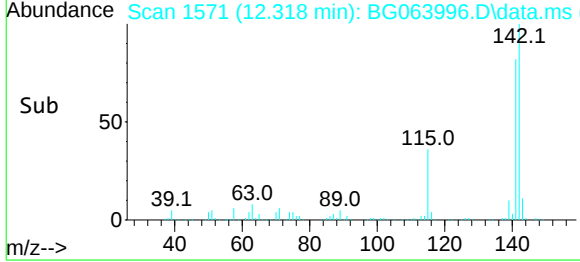
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



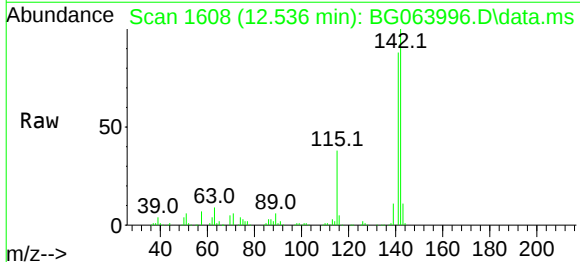
Tgt Ion:142 Resp: 395799
Ion Ratio Lower Upper
142 100
141 82.5 65.8 98.8
115 36.1 28.9 43.3

Manual Integrations
APPROVED

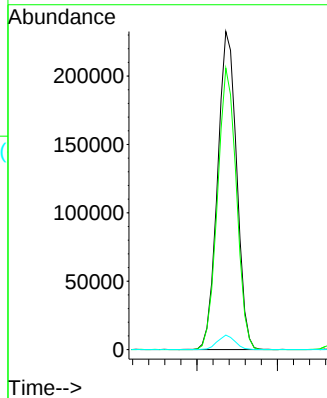
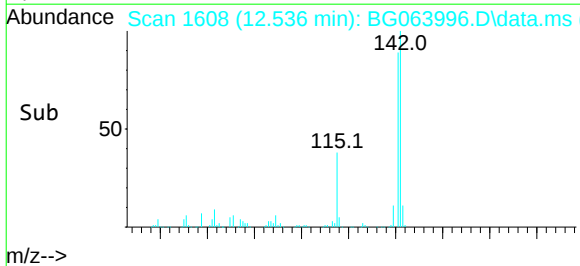
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

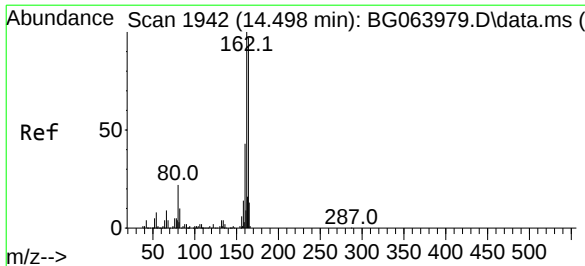


#38
1-Methylnaphthalene
Concen: 38.390 ng
RT: 12.536 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



Tgt Ion:142 Resp: 383426
Ion Ratio Lower Upper
142 100
141 88.5 69.2 103.8
116 4.6 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1942

Delta R.T. 0.000 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

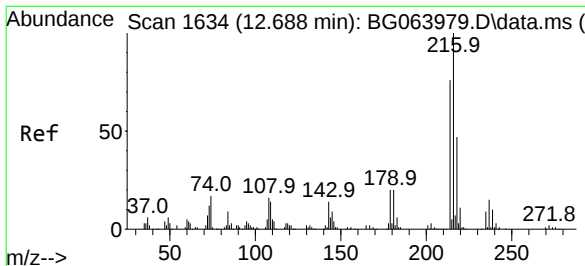
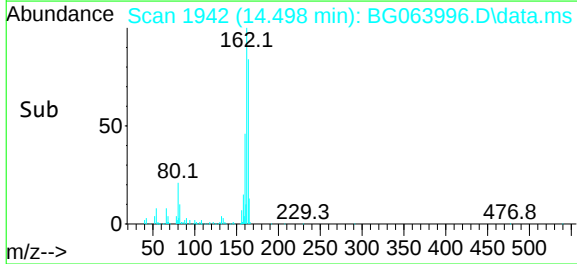
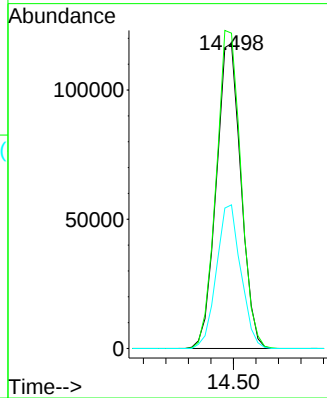
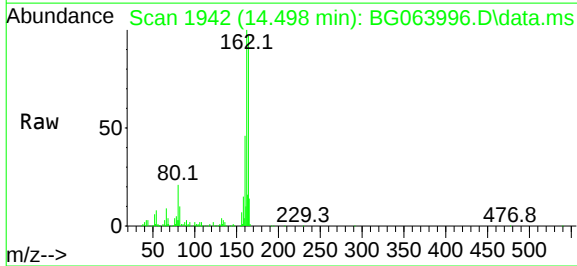
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	179556
Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.3	123.5
160	47.1	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: 39.329 ng

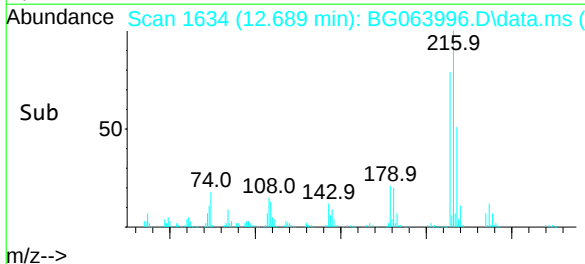
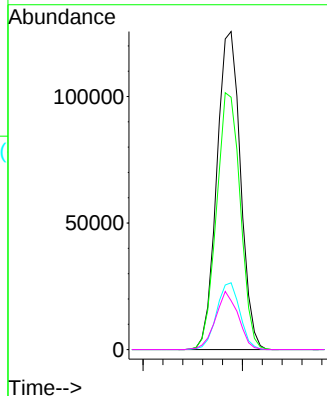
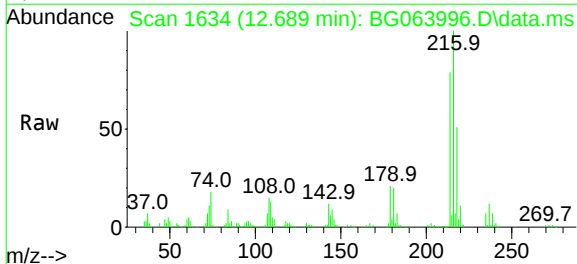
RT: 12.689 min Scan# 1634

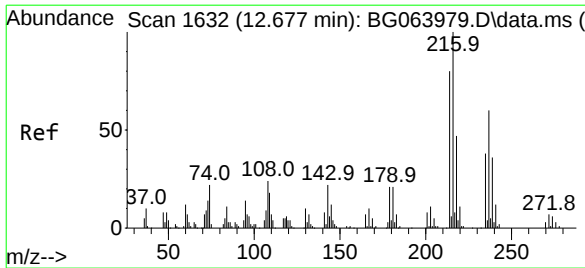
Delta R.T. 0.000 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Tgt Ion:	216	Resp:	208246
Ion	Ratio	Lower	Upper
216	100		
214	80.9	62.9	94.3
179	20.7	16.6	25.0
108	17.5	14.2	21.4





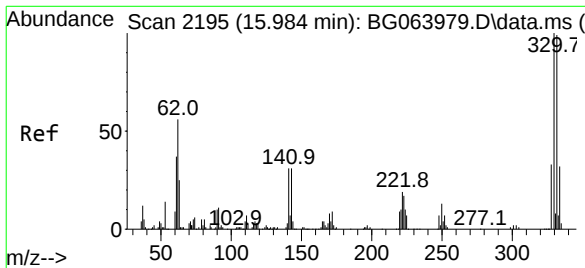
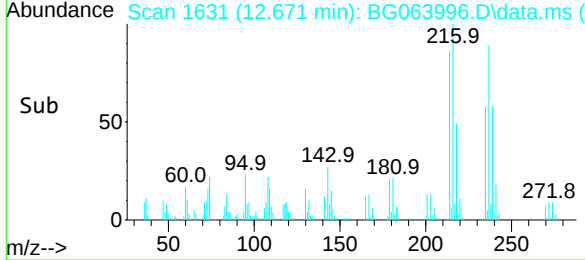
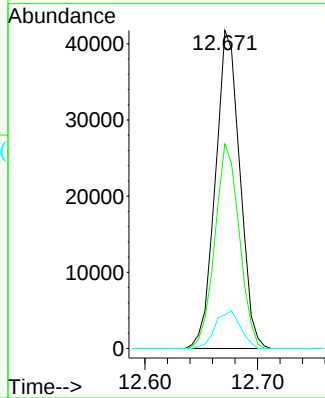
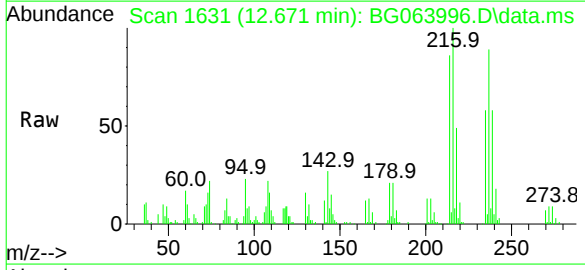
#41
Hexachlorocyclopentadiene
Concen: 47.032 ng
RT: 12.671 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.8	83.8
272	10.5	0.0	32.3

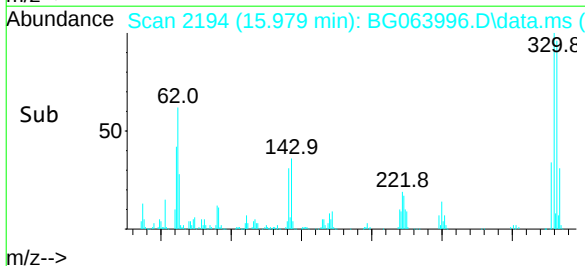
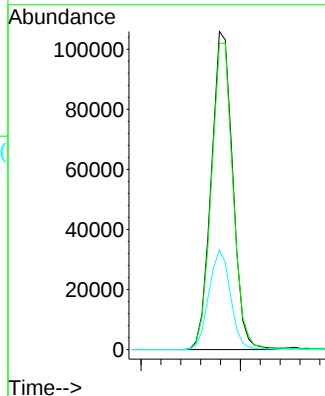
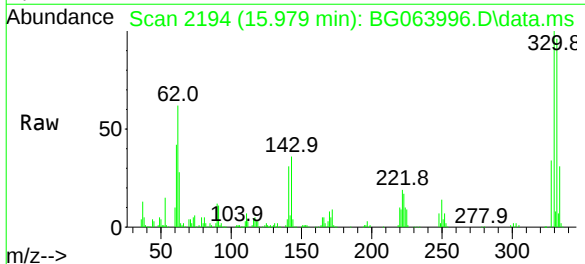
Manual Integrations
APPROVED

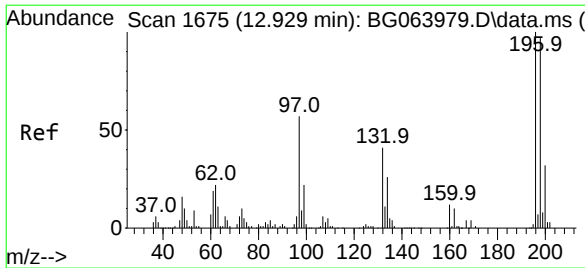
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#42
2,4,6-Tribromophenol
Concen: 82.949 ng
RT: 15.979 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

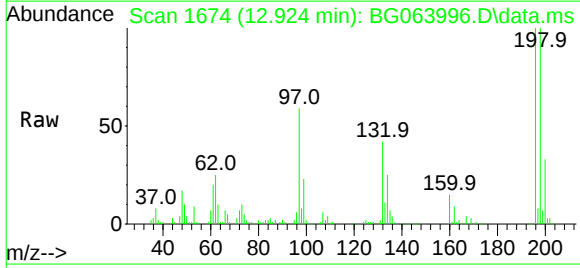
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.6
141	31.5	27.2	40.8





#43
2,4,6-Trichlorophenol
Concen: 40.290 ng
RT: 12.924 min Scan# 1675
Delta R.T. -0.005 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

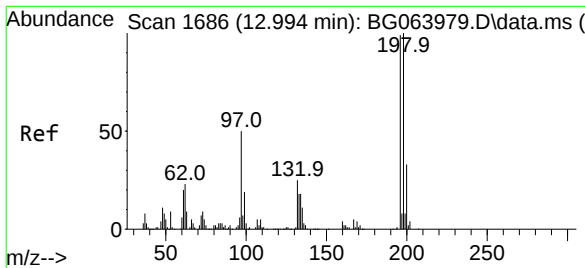
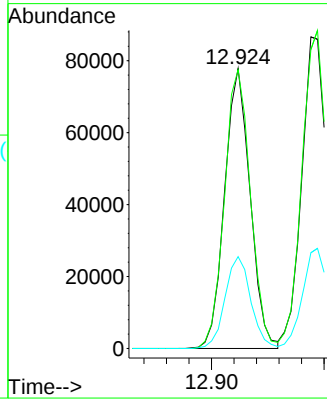
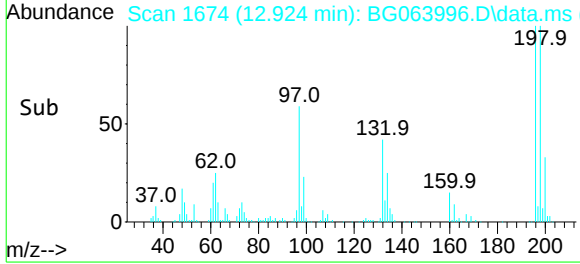
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 122684
Ion Ratio Lower Upper
196 100
198 99.6 77.9 116.9
200 32.8 25.5 38.3

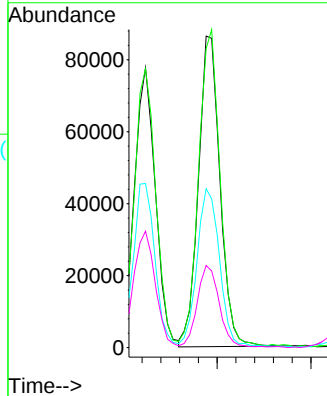
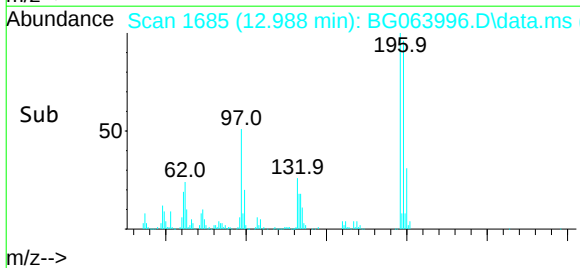
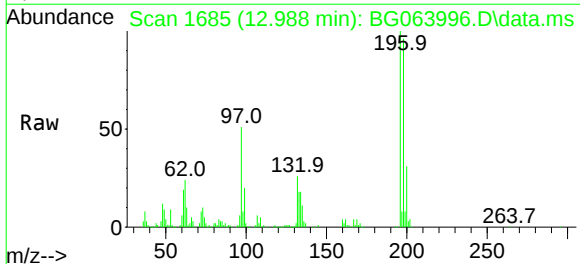
Manual Integrations
APPROVED

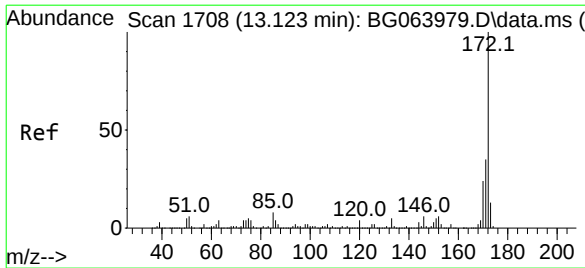
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#44
2,4,5-Trichlorophenol
Concen: 40.231 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

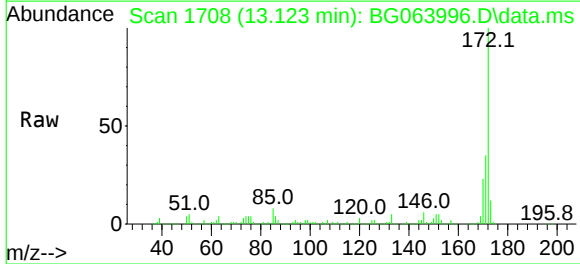
Tgt Ion:196 Resp: 138412
Ion Ratio Lower Upper
196 100
198 95.9 81.1 121.7
97 51.0 41.2 61.8
132 26.4 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 79.349 ng
RT: 13.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

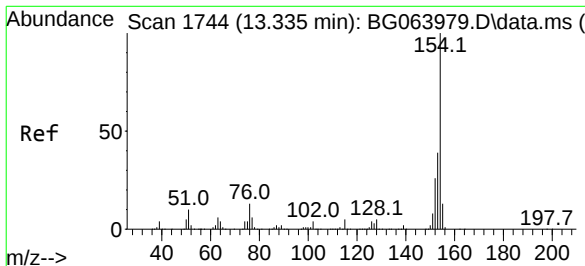
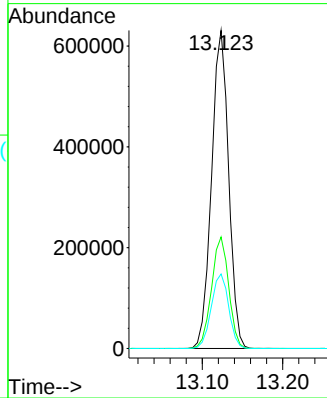
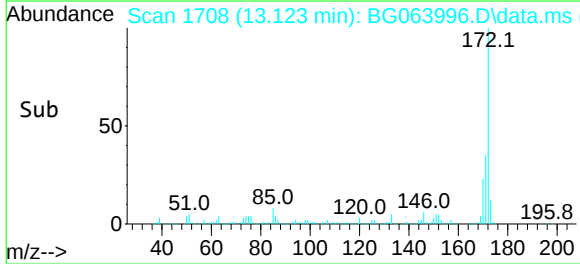
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:172 Resp: 929920
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.4 19.4 29.2

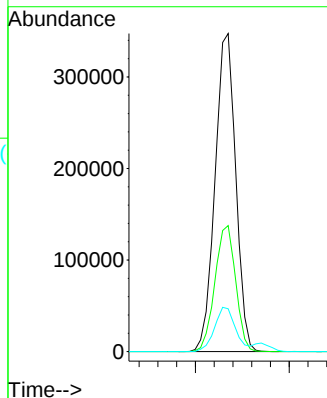
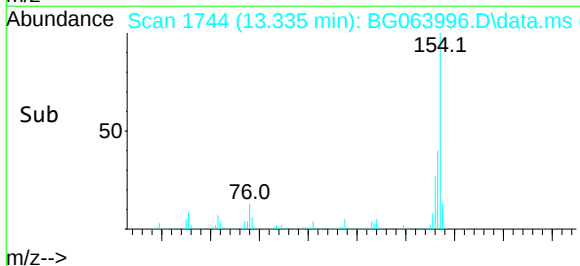
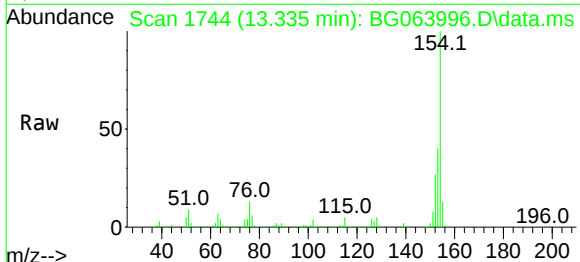
Manual Integrations
APPROVED

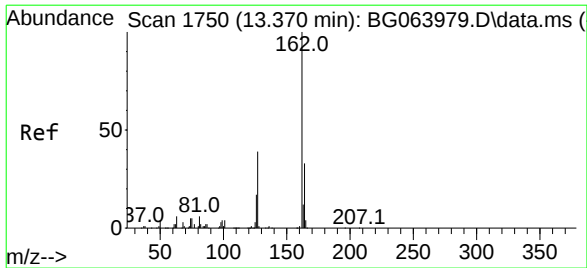
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#46
1,1'-Biphenyl
Concen: 38.855 ng
RT: 13.335 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

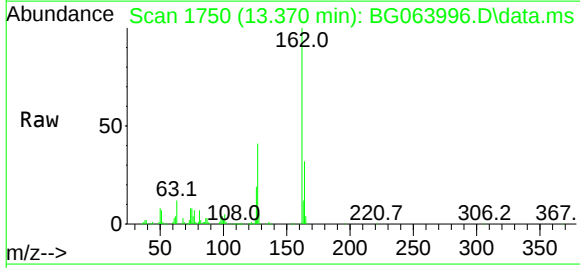
Tgt Ion:154 Resp: 531178
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 13.5 0.0 33.3





#47
2-Chloronaphthalene
Concen: 39.148 ng
RT: 13.370 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

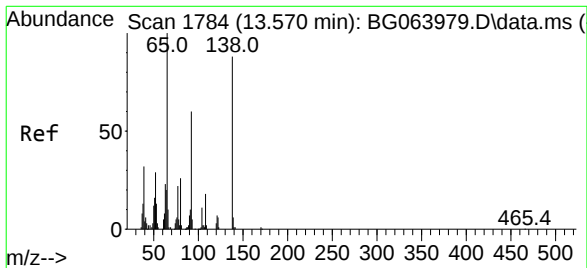
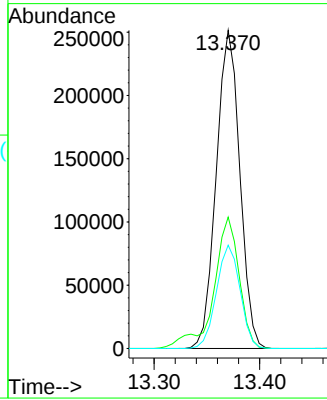
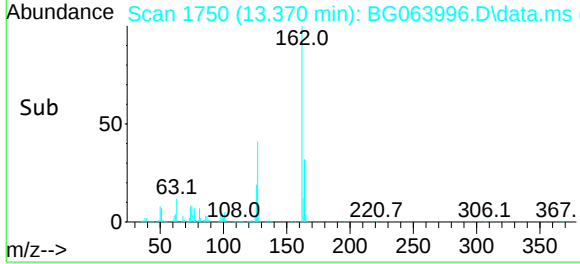
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



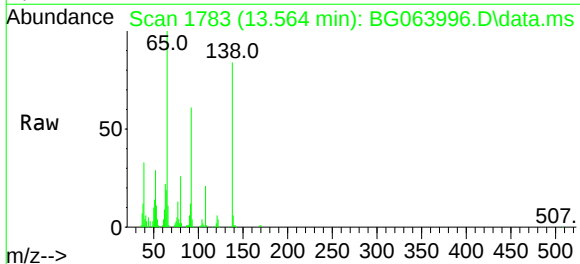
Tgt Ion: 162 Resp: 390083
Ion Ratio Lower Upper
162 100
127 41.3 33.4 50.2
164 32.5 26.0 39.0

Manual Integrations
APPROVED

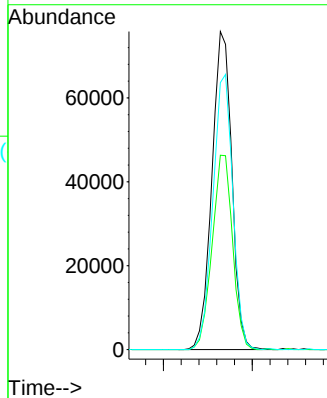
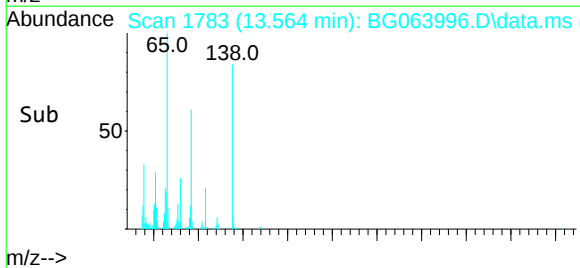
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

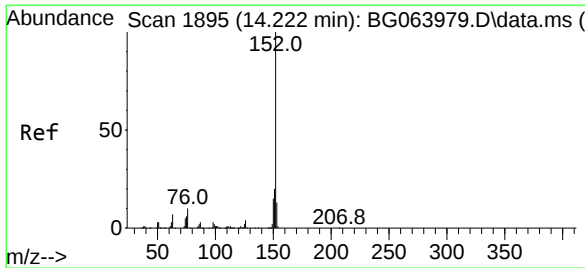


#48
2-Nitroaniline
Concen: 44.802 ng
RT: 13.564 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



Tgt Ion: 65 Resp: 118360
Ion Ratio Lower Upper
65 100
92 61.1 47.6 71.4
138 83.9 70.6 106.0





#49

Acenaphthylene

Concen: 39.522 ng

RT: 14.216 min Scan# 1894

Delta R.T. -0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

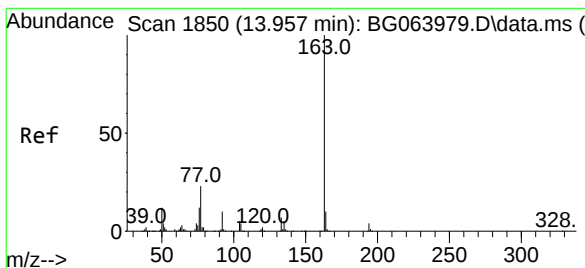
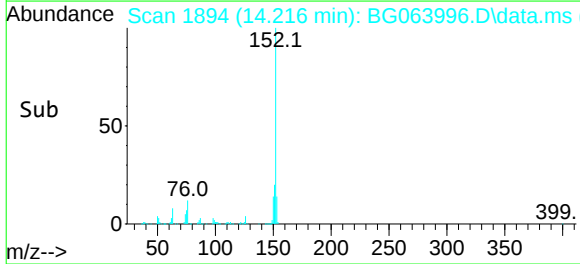
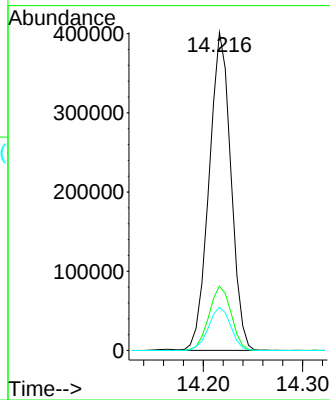
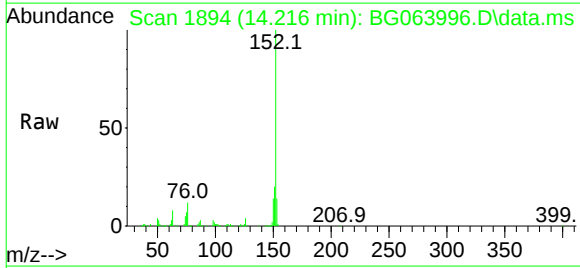
Tgt Ion:	152	Resp:	611689
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.6	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#50

Dimethylphthalate

Concen: 42.138 ng

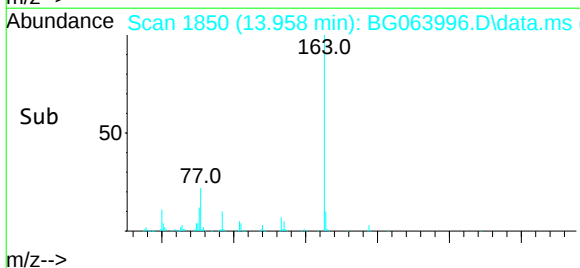
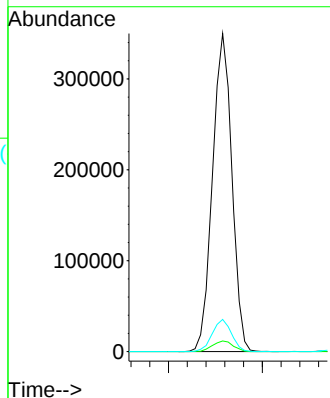
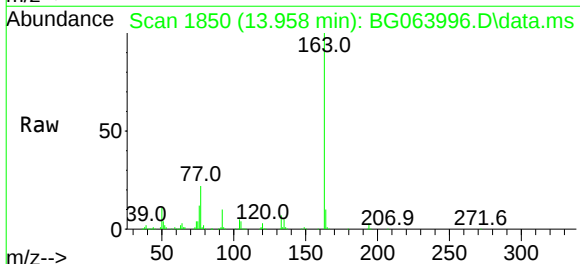
RT: 13.958 min Scan# 1850

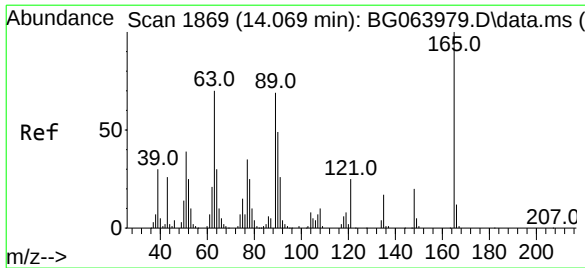
Delta R.T. 0.001 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

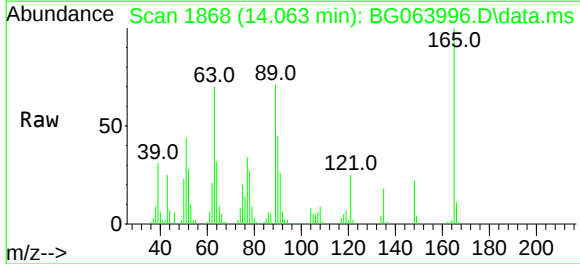
Tgt Ion:	163	Resp:	501666
Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.1	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 43.440 ng
RT: 14.063 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

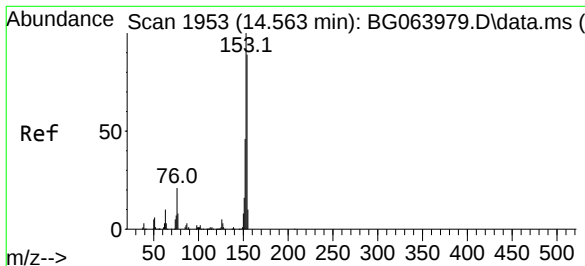
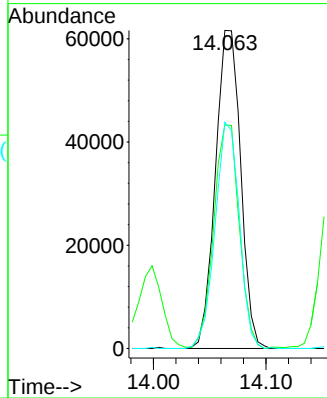
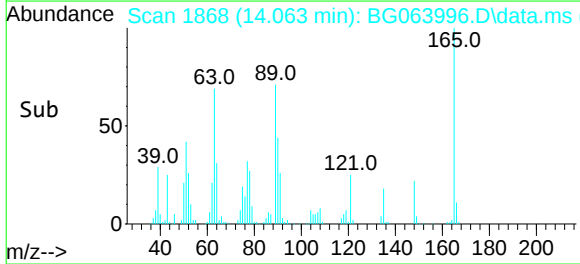
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 95990
Ion Ratio Lower Upper
165 100
63 70.3 57.7 86.5
89 71.1 55.6 83.4

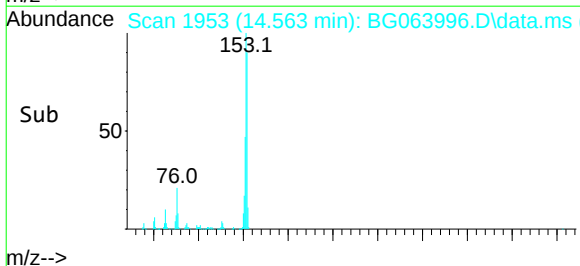
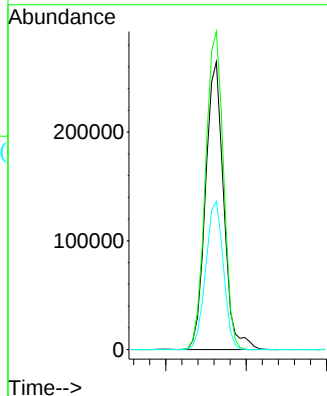
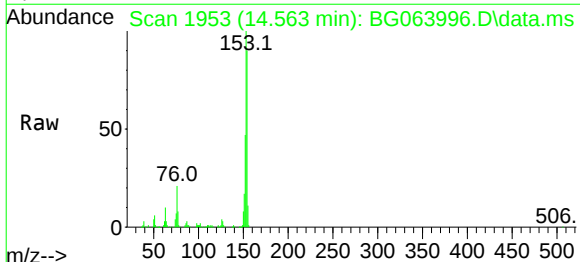
Manual Integrations
APPROVED

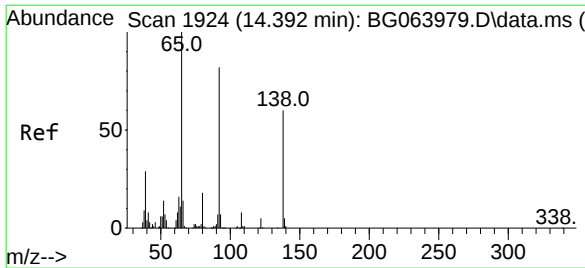
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#52
Acenaphthene
Concen: 40.083 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Tgt Ion:154 Resp: 416128
Ion Ratio Lower Upper
154 100
153 110.5 90.2 135.2
152 51.5 41.1 61.7





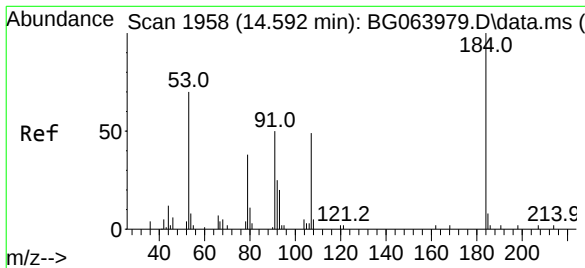
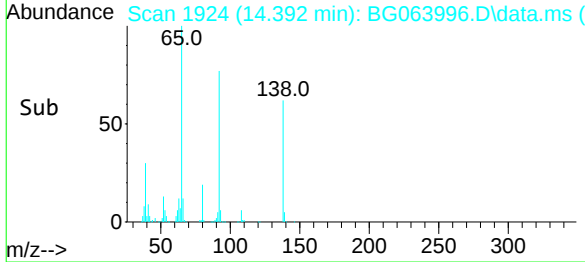
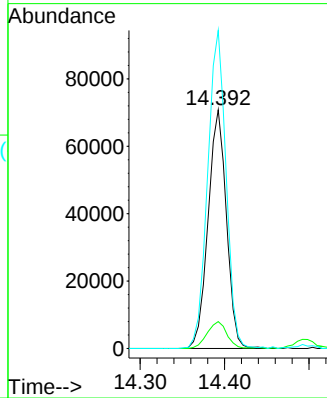
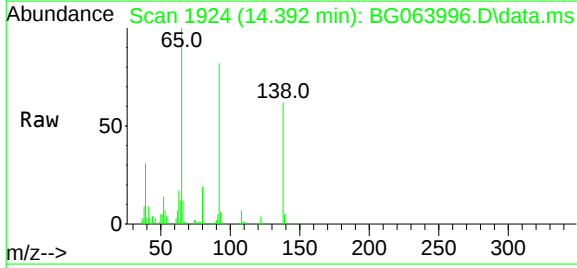
#53
3-Nitroaniline
Concen: 41.298 ng
RT: 14.392 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 106778
Ion Ratio Lower Upper
138 100
108 11.3 10.3 15.5
92 133.3 109.0 163.4

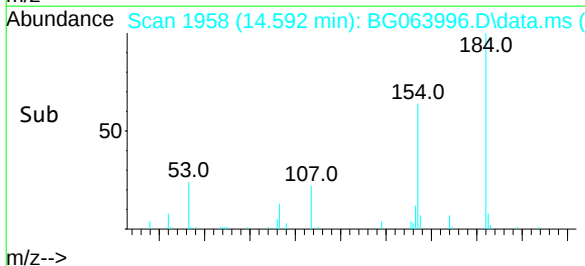
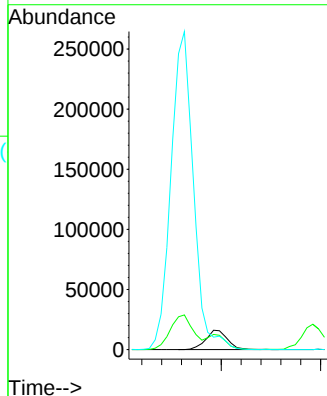
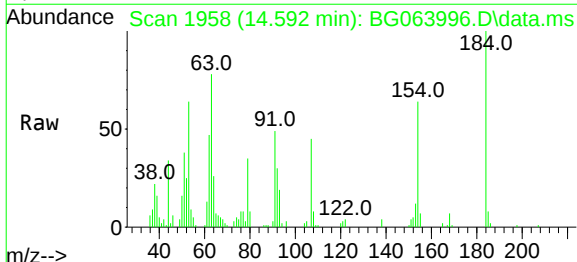
Manual Integrations
APPROVED

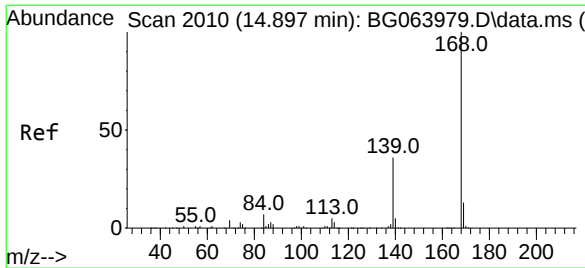
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#54
2,4-Dinitrophenol
Concen: 45.690 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

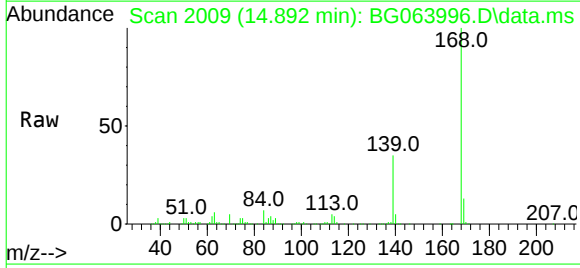
Tgt Ion:184 Resp: 24425
Ion Ratio Lower Upper
184 100
63 78.2 67.3 100.9
154 64.4 65.9 98.9#





#55
Dibenzenofuran
Concen: 39.112 ng
RT: 14.892 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

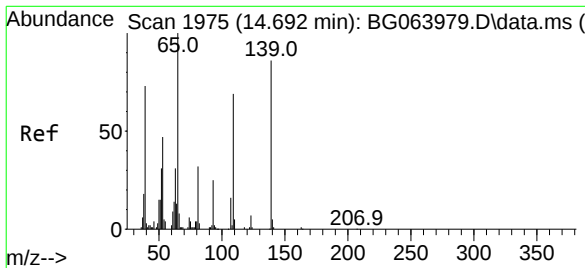
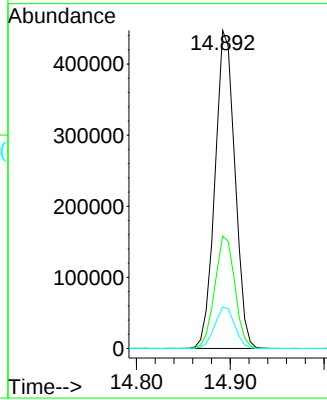
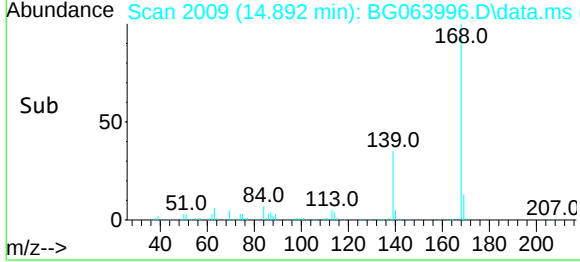
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 659325
Ion Ratio Lower Upper
168 100
139 35.4 28.6 43.0
169 13.0 10.6 16.0

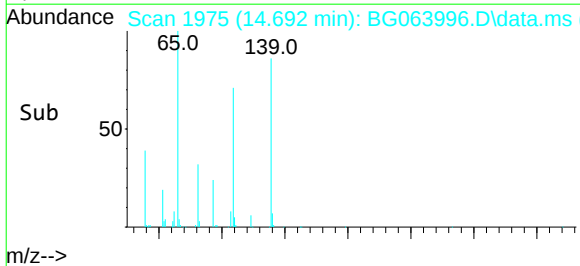
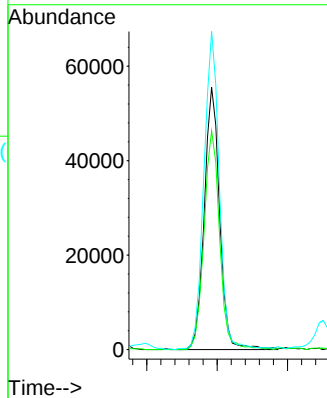
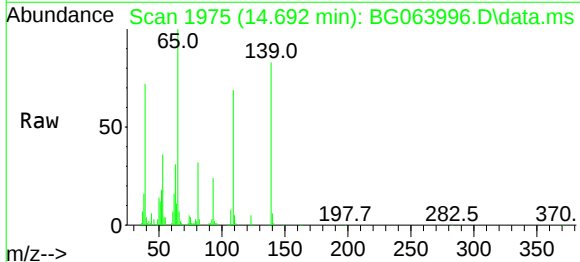
Manual Integrations
APPROVED

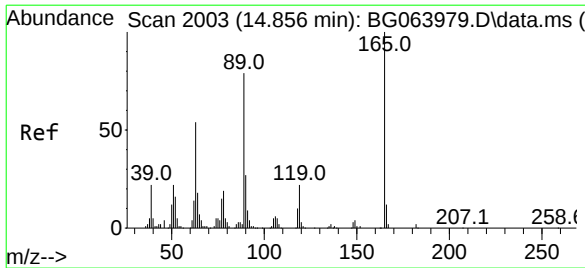
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#56
4-Nitrophenol
Concen: 41.262 ng
RT: 14.692 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

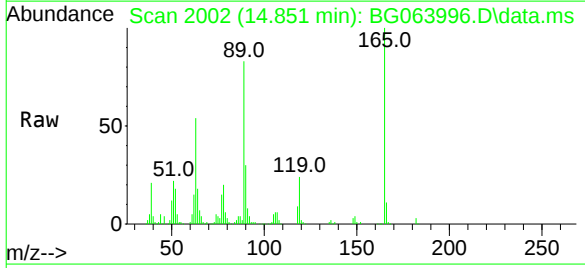
Tgt Ion:139 Resp: 84500
Ion Ratio Lower Upper
139 100
109 83.4 60.1 100.1
65 121.2 96.2 136.2





#57
2,4-Dinitrotoluene
Concen: 44.176 ng
RT: 14.851 min Scan# 2003
Delta R.T. -0.005 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

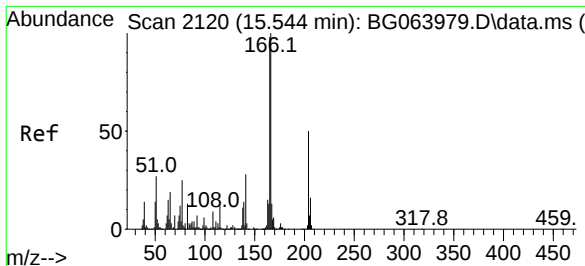
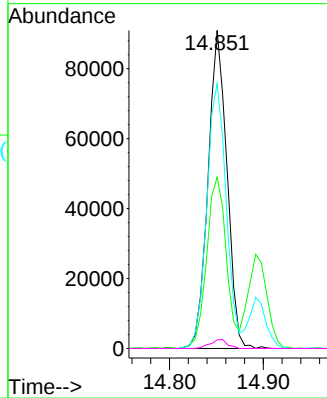
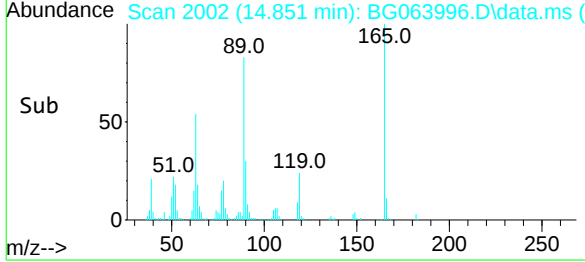
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 127407
Ion Ratio Lower Upper
165 100
63 53.9 43.6 65.4
89 83.3 63.1 94.7
182 2.7 1.4 2.0#

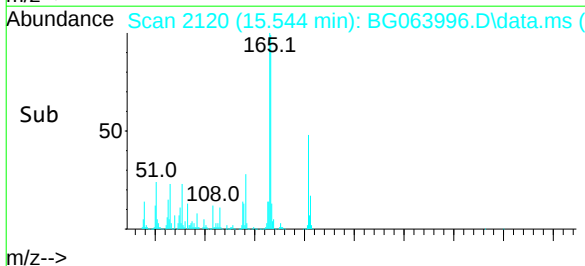
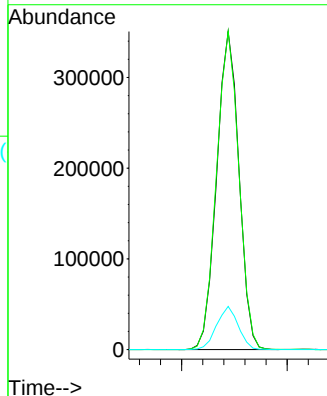
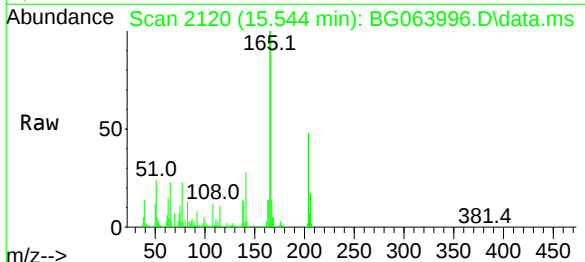
Manual Integrations
APPROVED

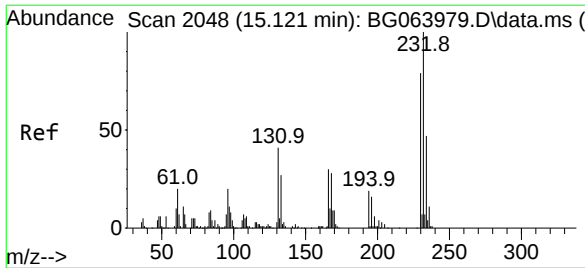
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#58
Fluorene
Concen: 39.530 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

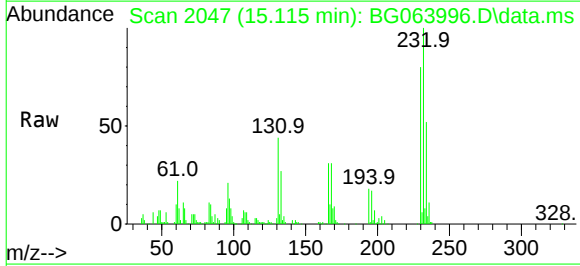
Tgt Ion:166 Resp: 515042
Ion Ratio Lower Upper
166 100
165 100.0 78.7 118.1
167 13.6 10.1 15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.818 ng
RT: 15.115 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

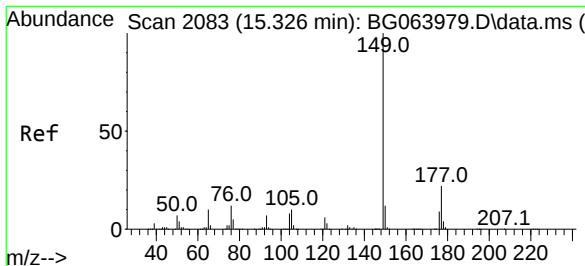
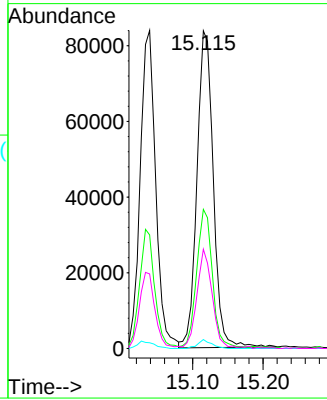
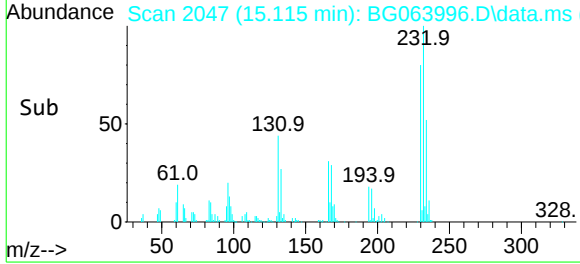
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 134993
Ion Ratio Lower Upper
232 100
131 41.9 34.0 51.0
130 2.4 2.2 3.4
166 29.4 24.1 36.1

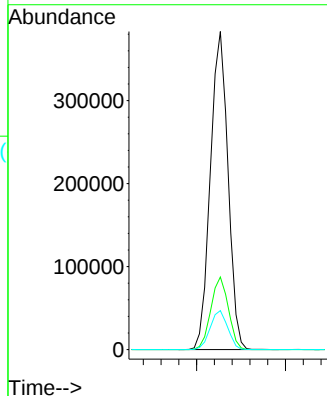
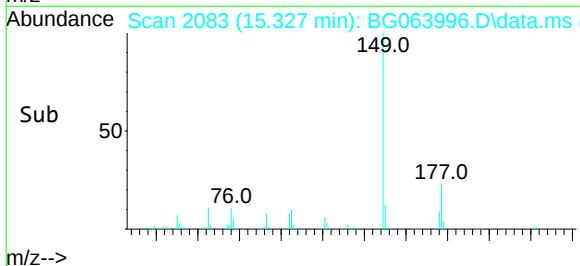
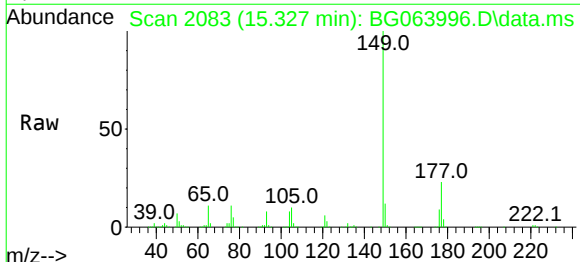
Manual Integrations
APPROVED

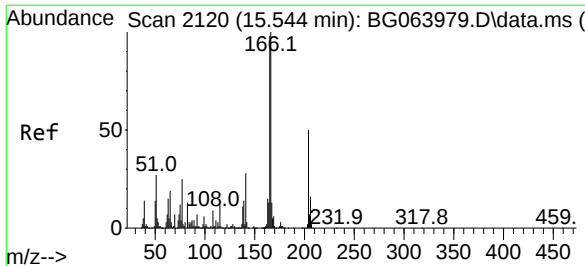
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#60
Diethylphthalate
Concen: 41.818 ng
RT: 15.327 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

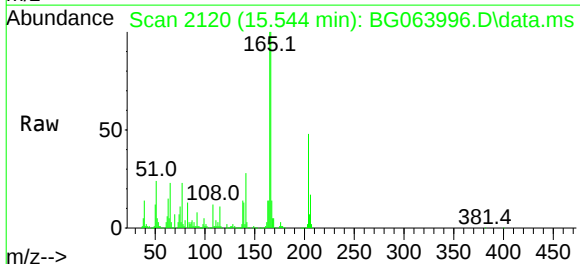
Tgt Ion:149 Resp: 527849
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.3 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 39.328 ng
RT: 15.544 min Scan# 211
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

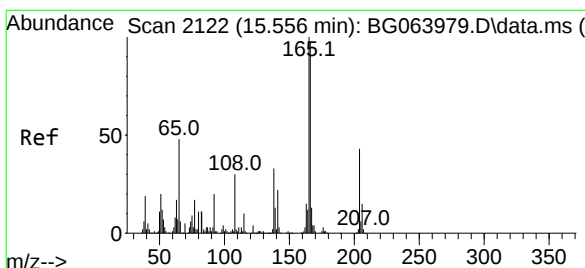
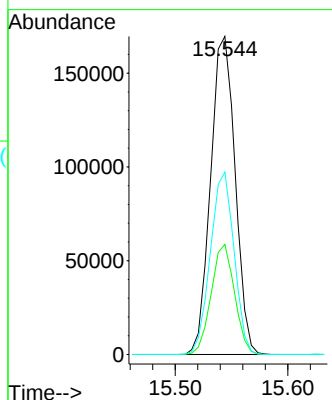
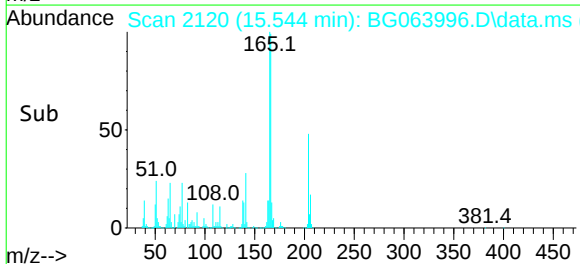
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



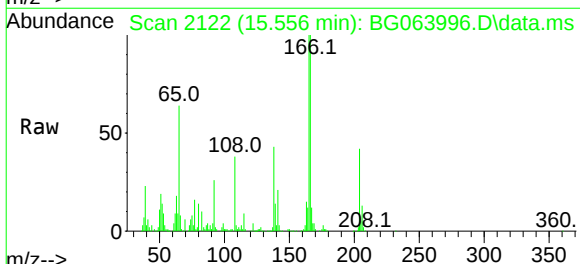
Tgt Ion:204 Resp: 257105
Ion Ratio Lower Upper
204 100
206 34.6 25.8 38.6
141 57.4 44.6 67.0

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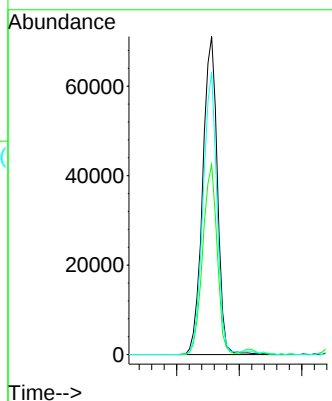
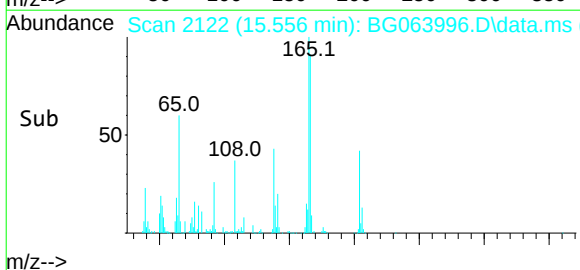
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

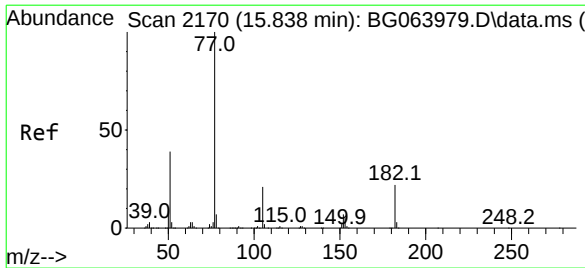


#62
4-Nitroaniline
Concen: 41.675 ng
RT: 15.556 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



Tgt Ion:138 Resp: 115775
Ion Ratio Lower Upper
138 100
92 59.7 40.3 80.3
108 88.9 69.3 109.3





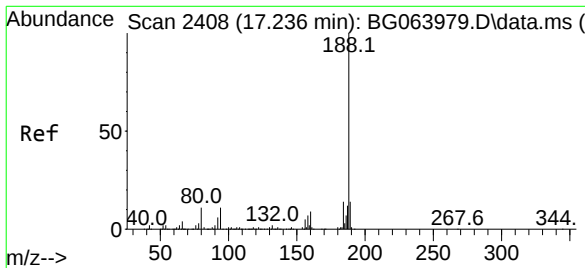
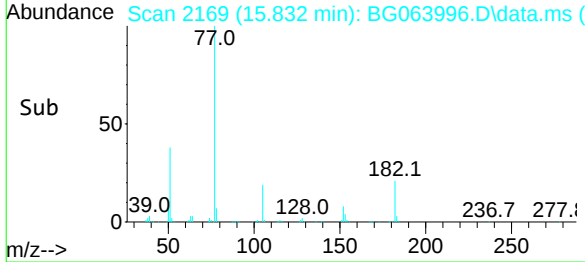
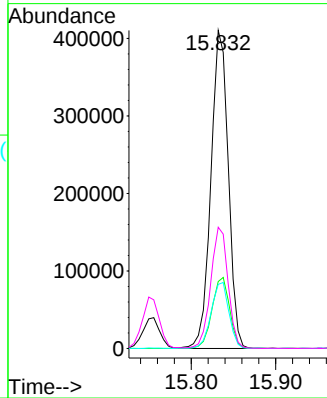
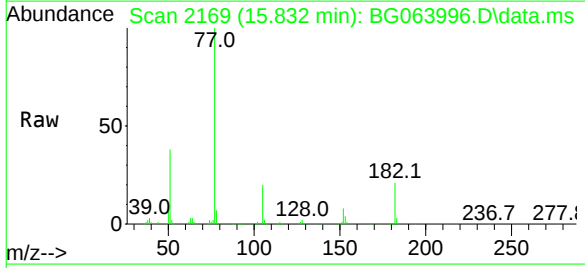
#63
Azobenzene
Concen: 39.390 ng
RT: 15.832 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 587256
Ion Ratio Lower Upper
77 100
182 21.1 2.3 42.3
105 20.1 1.0 41.0
51 38.1 19.0 59.0

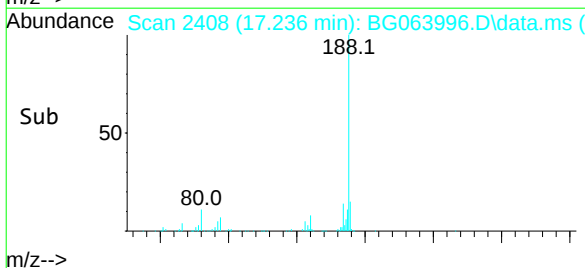
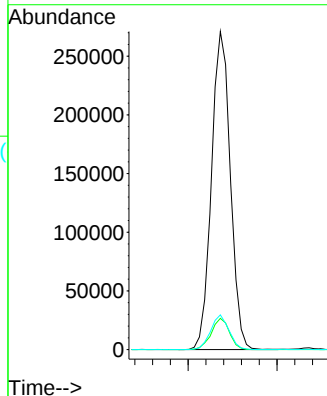
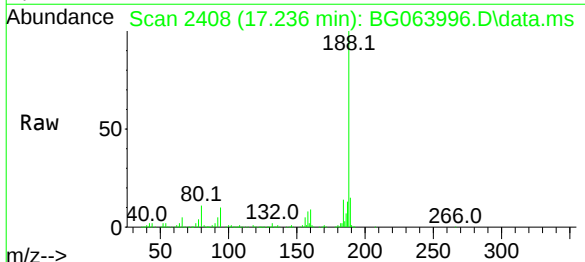
Manual Integrations
APPROVED

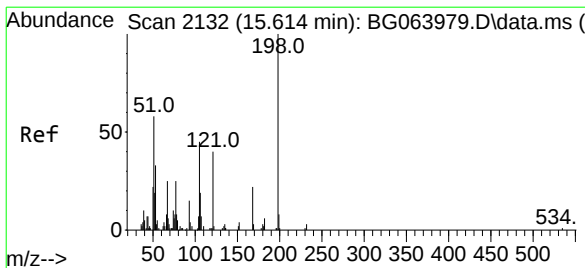
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.236 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

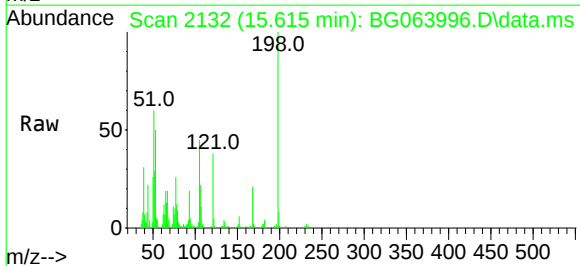
Tgt Ion:188 Resp: 399629
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.9 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 47.195 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.001 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

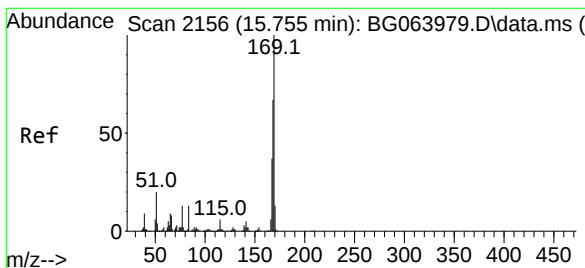
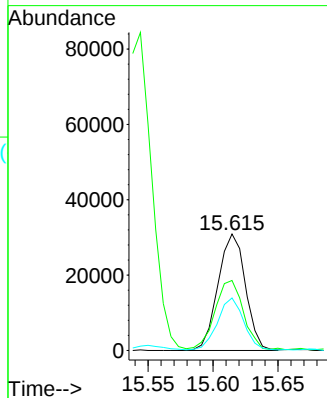
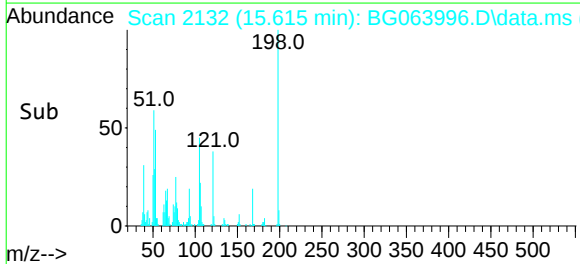
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 45495
Ion Ratio Lower Upper
198 100
51 60.1 45.4 85.4
105 45.1 27.7 67.7

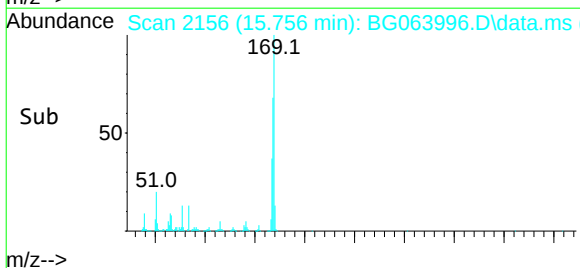
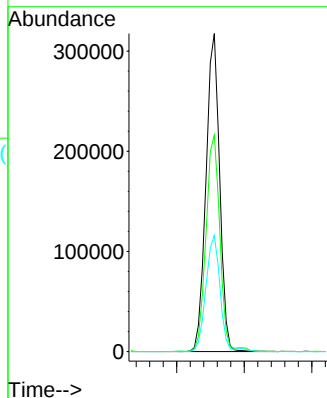
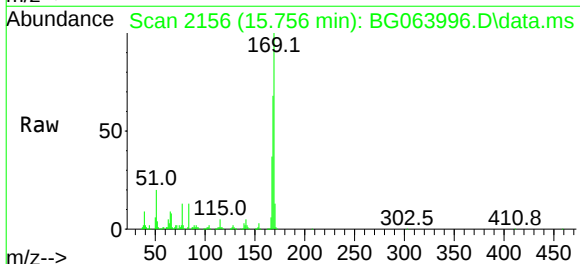
Manual Integrations
APPROVED

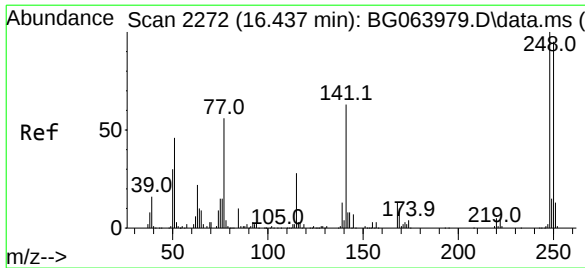
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 40.238 ng
RT: 15.756 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

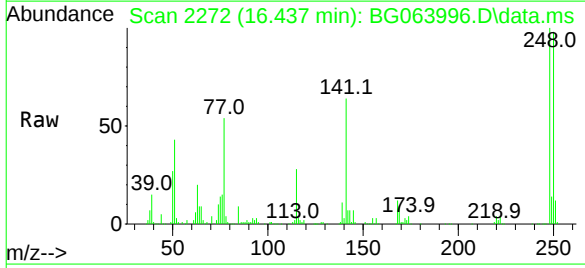
Tgt Ion:169 Resp: 445839
Ion Ratio Lower Upper
169 100
168 68.1 53.5 80.3
167 36.5 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 41.167 ng
RT: 16.437 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

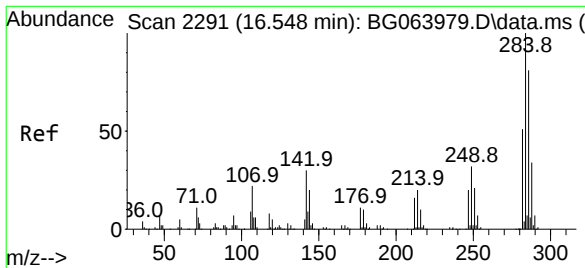
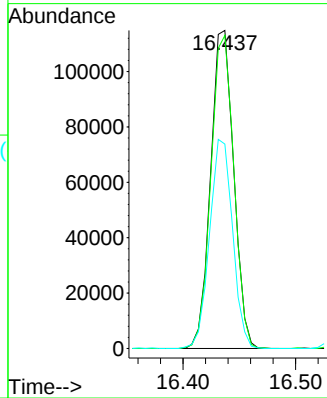
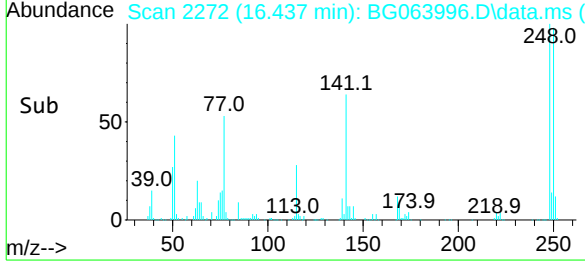
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



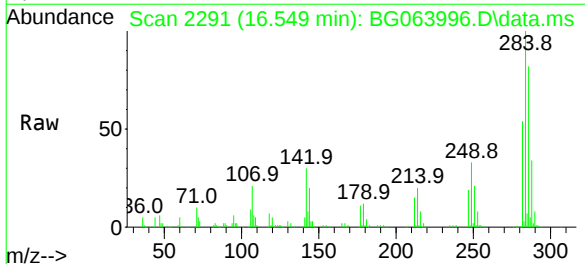
Tgt Ion:248 Resp: 163751
Ion Ratio Lower Upper
248 100
250 98.4 76.2 114.4
141 64.3 50.6 75.8

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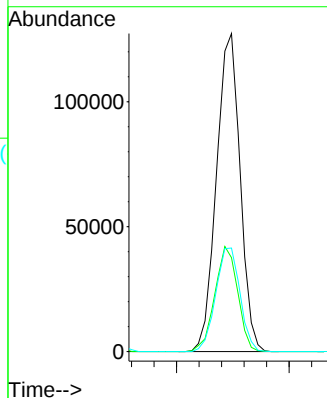
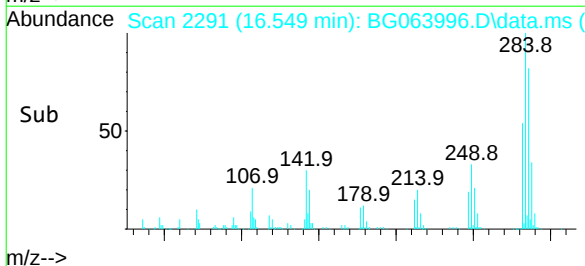
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

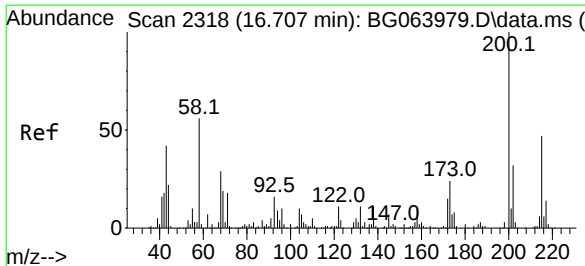


#68
Hexachlorobenzene
Concen: 39.723 ng
RT: 16.549 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26



Tgt Ion:284 Resp: 185761
Ion Ratio Lower Upper
284 100
142 29.5 23.8 35.8
249 32.6 25.9 38.9





#69

Atrazine

Concen: 41.192 ng

RT: 16.702 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 151886

Ion Ratio Lower Upper

200 100

173 24.4 3.8 43.8

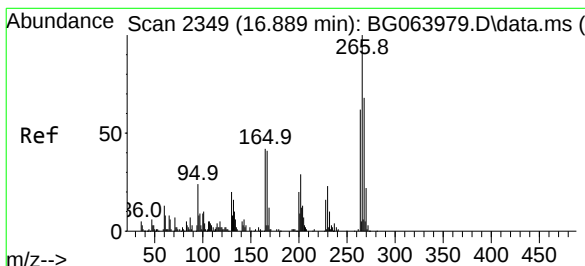
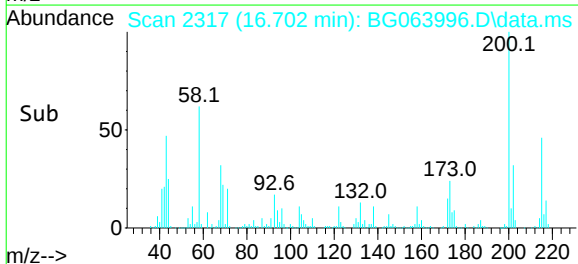
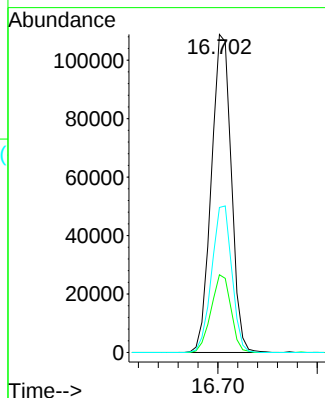
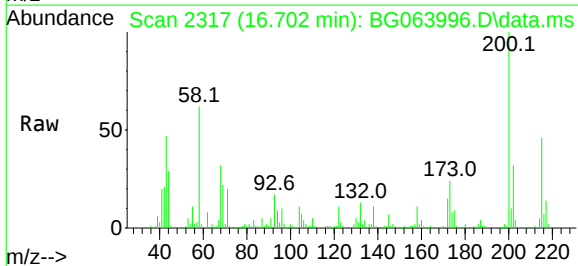
215 45.6 26.6 66.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#70

Pentachlorophenol

Concen: 40.332 ng

RT: 16.884 min Scan# 2348

Delta R.T. -0.005 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

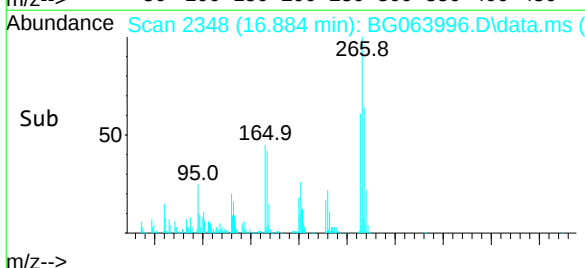
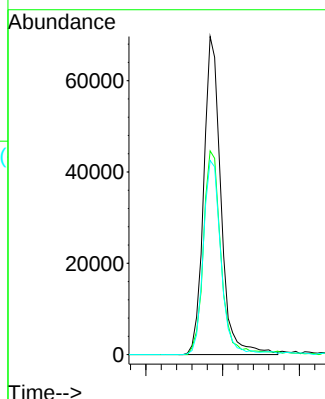
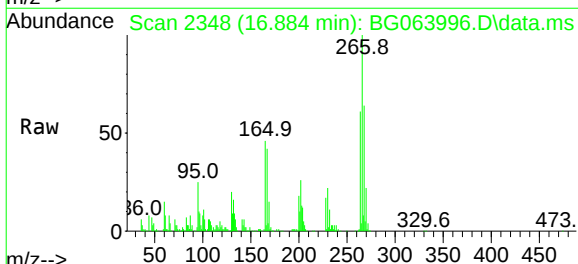
Tgt Ion:266 Resp: 108459

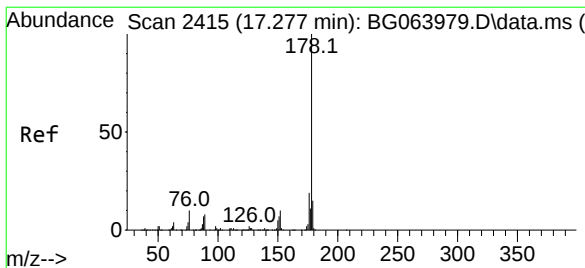
Ion Ratio Lower Upper

266 100

268 64.0 54.8 82.2

264 61.0 50.0 75.0





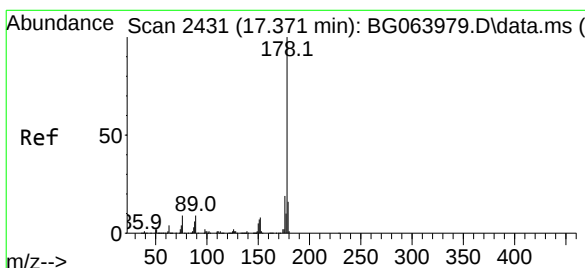
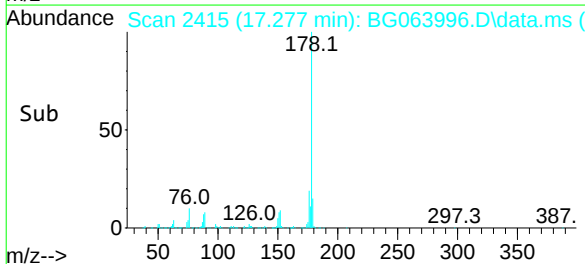
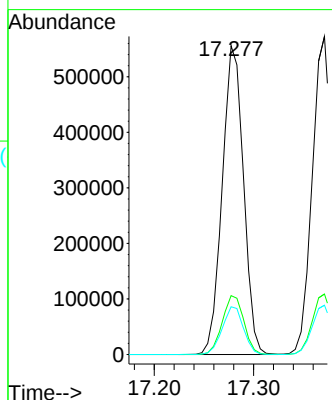
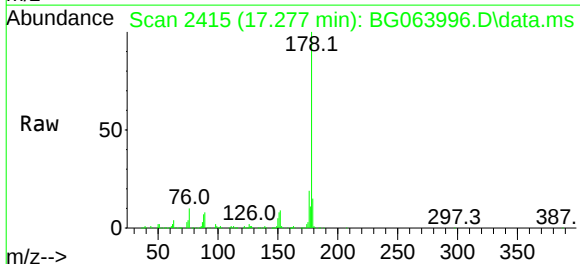
#71
Phenanthrene
Concen: 39.412 ng
RT: 17.277 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 827236
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.5 12.2 18.4

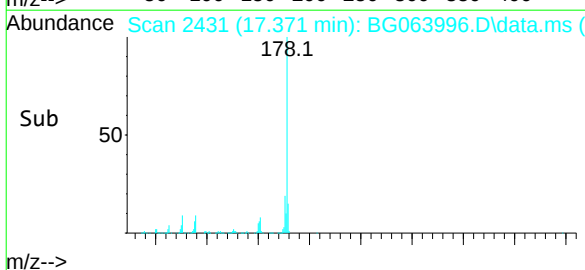
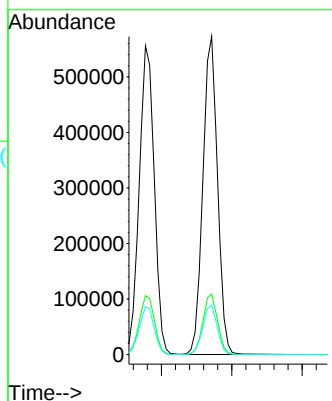
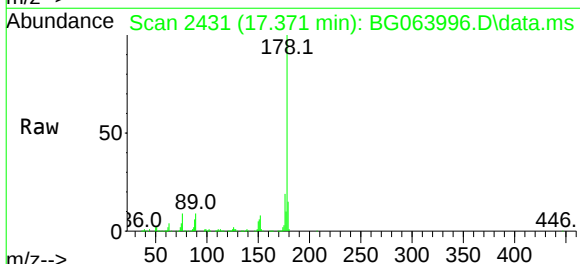
Manual Integrations
APPROVED

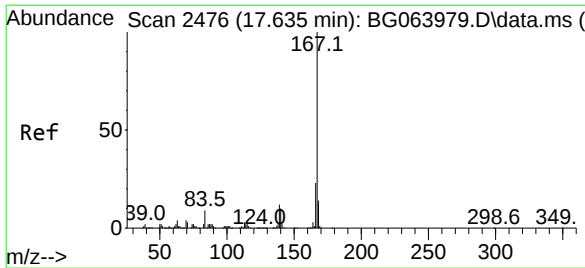
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#72
Anthracene
Concen: 39.285 ng
RT: 17.371 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

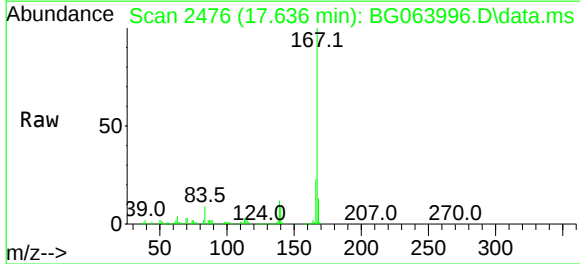
Tgt Ion:178 Resp: 825089
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.5 12.8 19.2





#73
 Carbazole
 Concen: 40.281 ng
 RT: 17.636 min Scan# 2476
 Delta R.T. 0.000 min
 Lab File: BG063996.D
 Acq: 5 Feb 2025 10:26

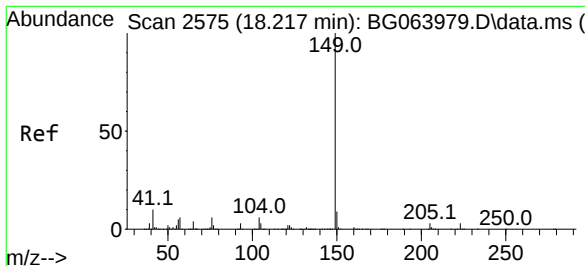
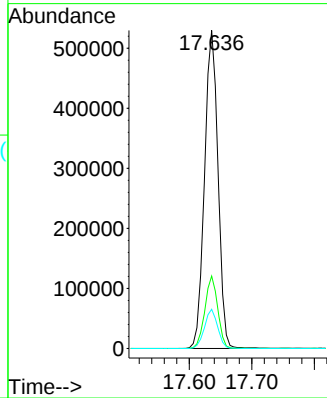
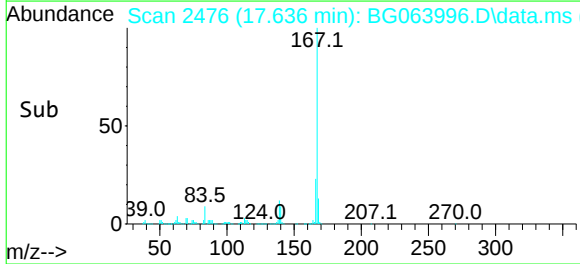
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



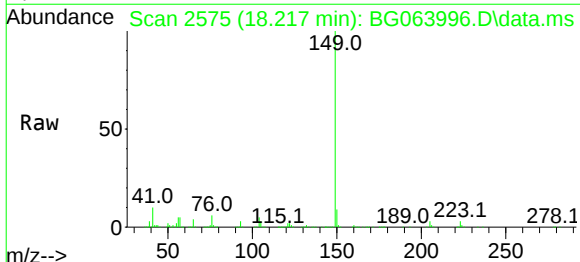
Tgt Ion:167 Resp: 791960
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.6 28.0
 139 12.3 9.8 14.8

Manual Integrations
 APPROVED

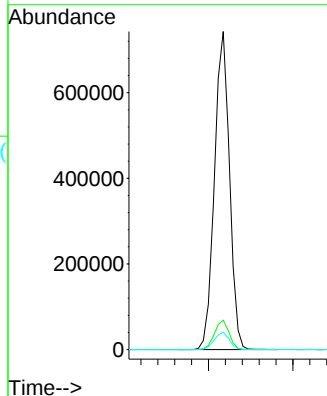
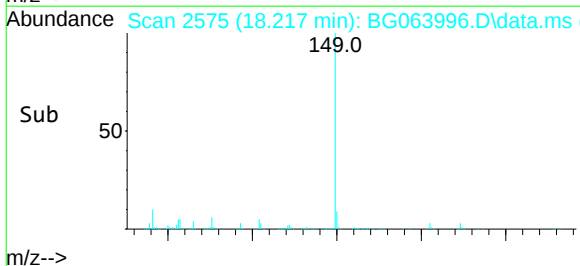
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

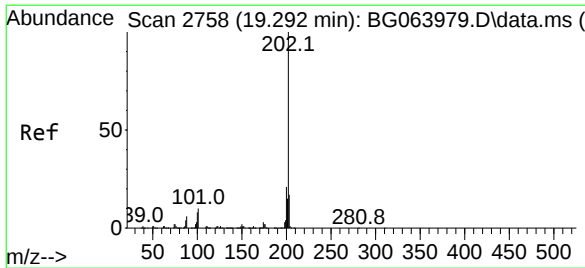


#74
 Di-n-butylphthalate
 Concen: 44.768 ng
 RT: 18.217 min Scan# 2575
 Delta R.T. 0.000 min
 Lab File: BG063996.D
 Acq: 5 Feb 2025 10:26



Tgt Ion:149 Resp: 917485
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.5 4.6 6.8





#75

Fluoranthene

Concen: 39.649 ng

RT: 19.287 min Scan# 27

Delta R.T. -0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1013381

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.4

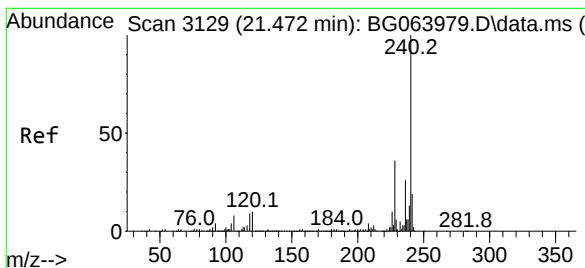
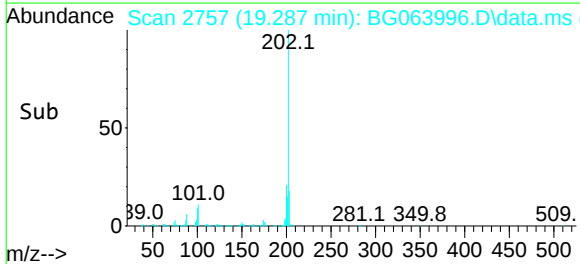
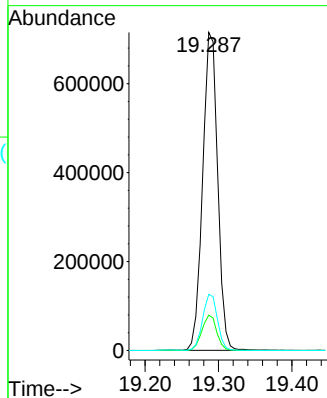
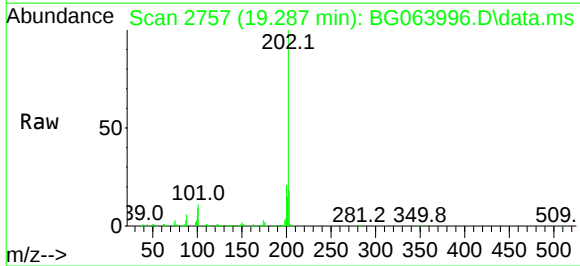
203 17.7 0.0 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.472 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

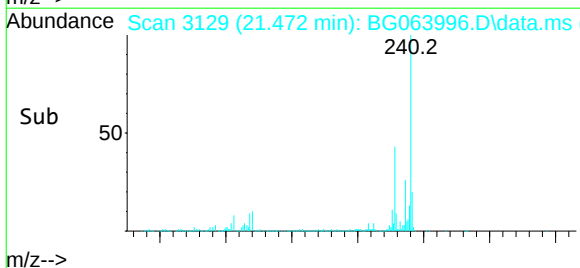
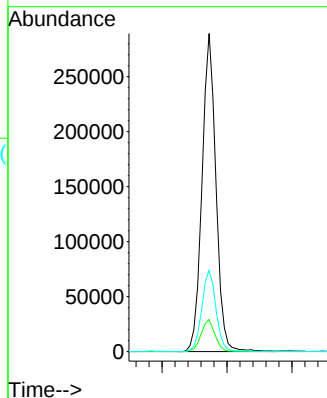
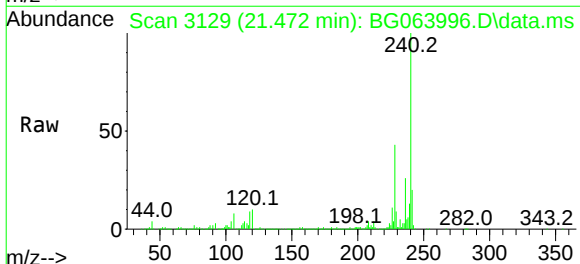
Tgt Ion:240 Resp: 430606

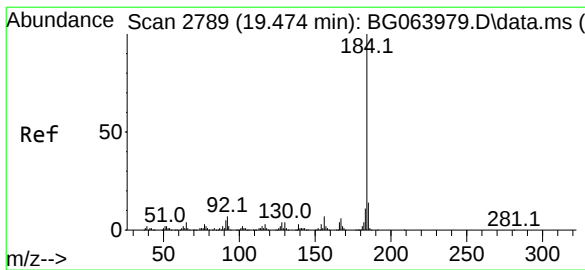
Ion Ratio Lower Upper

240 100

120 10.1 7.9 11.9

236 25.5 21.0 31.6





#77

Benzidine

Concen: 58.084 ng

RT: 19.469 min Scan# 27

Delta R.T. -0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 532602

Ion Ratio Lower Upper

184 100

185 14.4 11.2 16.8

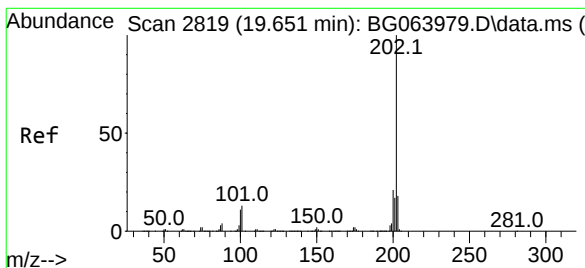
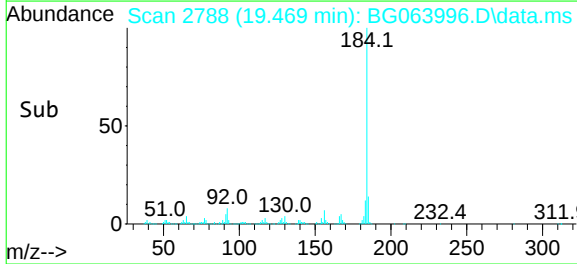
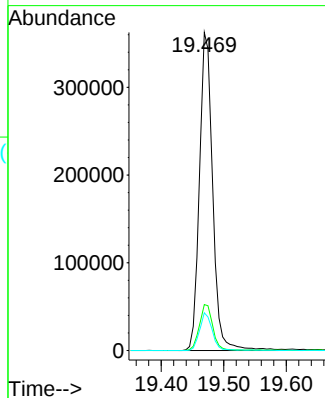
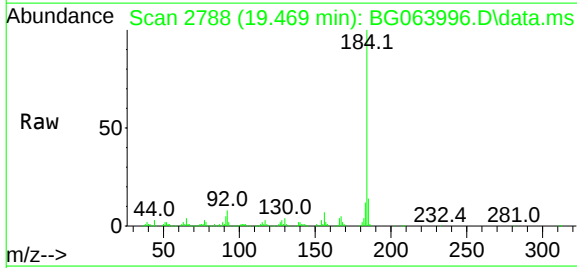
183 11.9 8.7 13.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

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#78

Pyrene

Concen: 40.216 ng

RT: 19.651 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

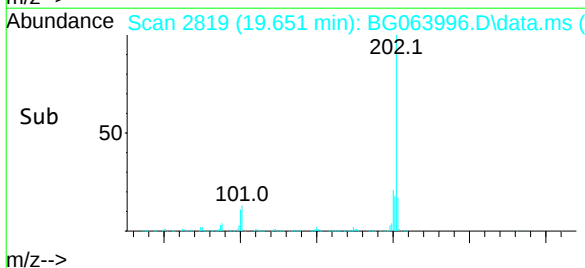
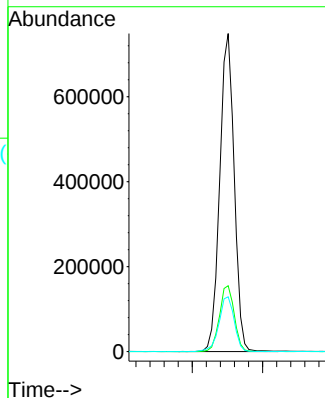
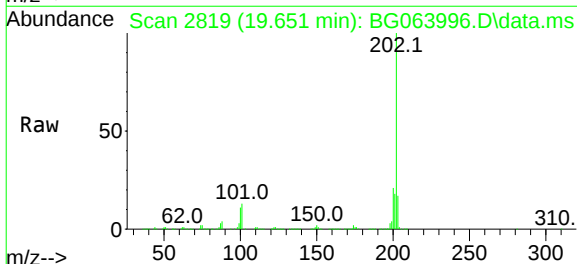
Tgt Ion:202 Resp: 1069071

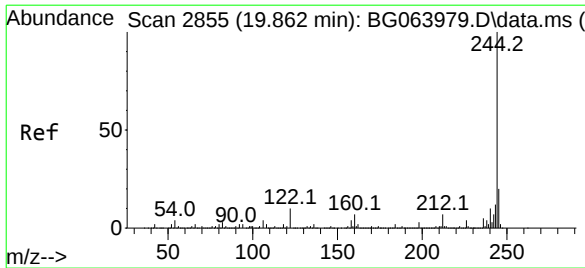
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

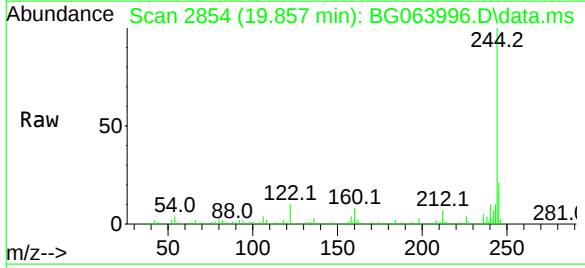
203 17.2 14.5 21.7





#79
 Terphenyl-d14
 Concen: 79.040 ng
 RT: 19.857 min Scan# 2854
 Delta R.T. -0.006 min
 Lab File: BG063996.D
 Acq: 5 Feb 2025 10:26

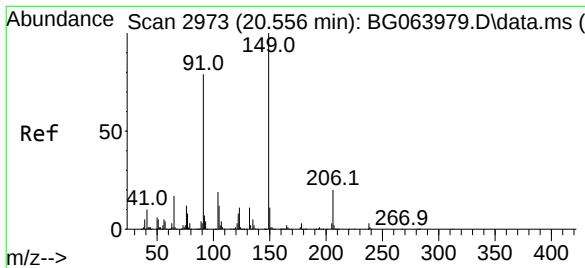
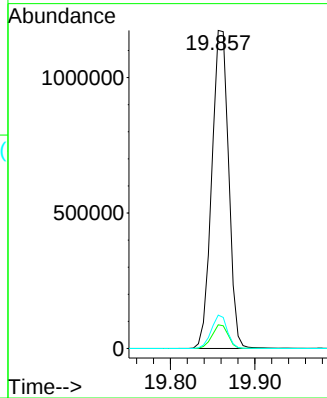
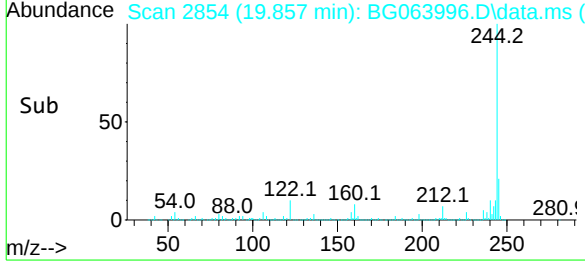
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 1629680
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 10.5 7.7 11.5

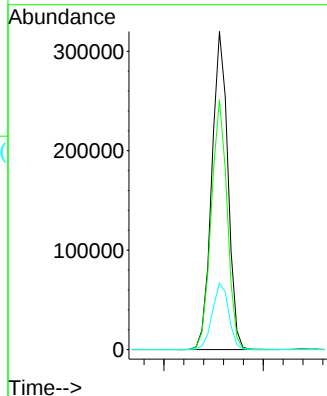
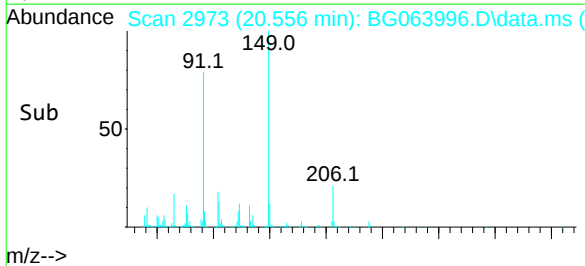
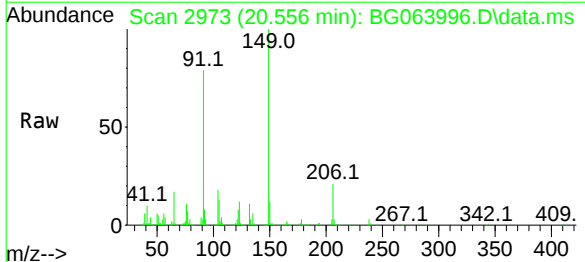
Manual Integrations
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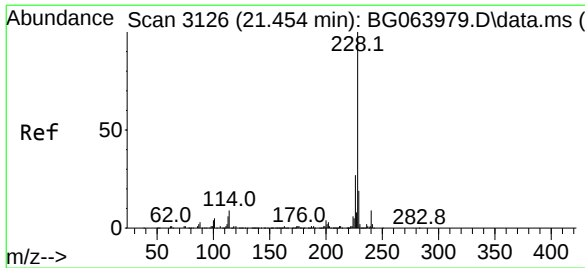
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025



#80
 Butylbenzylphthalate
 Concen: 39.849 ng
 RT: 20.556 min Scan# 2973
 Delta R.T. -0.000 min
 Lab File: BG063996.D
 Acq: 5 Feb 2025 10:26

Tgt Ion:149 Resp: 359990
 Ion Ratio Lower Upper
 149 100
 91 78.6 63.0 94.6
 206 20.9 15.8 23.6





#81

Benzo(a)anthracene

Concen: 39.842 ng

RT: 21.455 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1089275

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

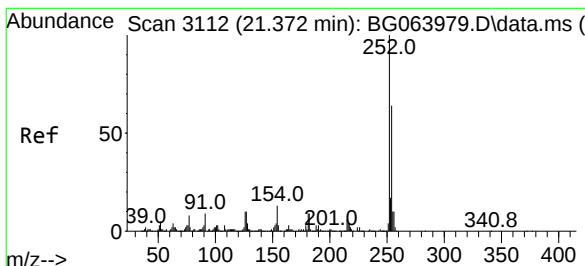
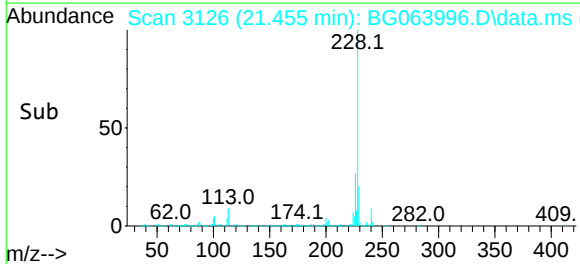
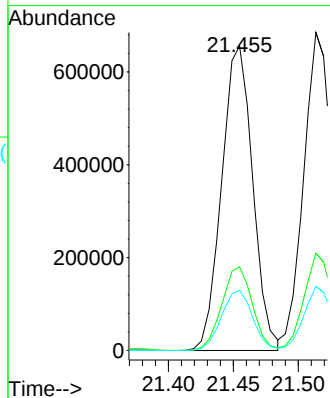
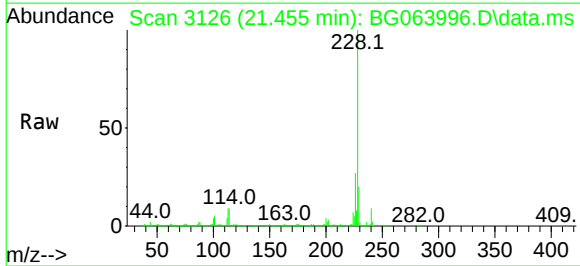
229 19.8 15.5 23.3

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: 43.860 ng

RT: 21.378 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

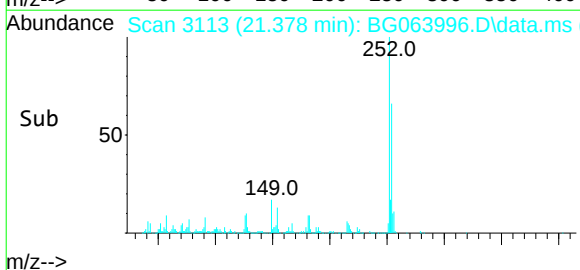
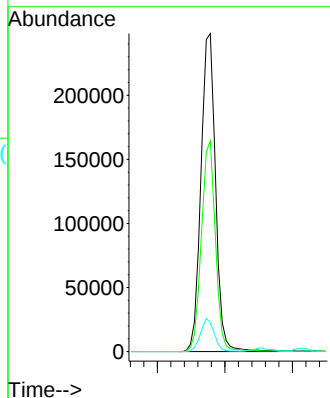
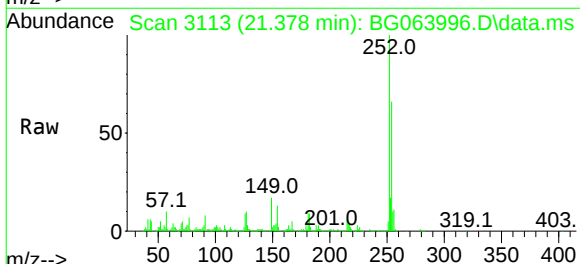
Tgt Ion:252 Resp: 373433

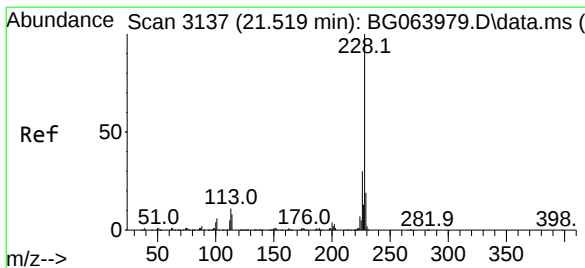
Ion Ratio Lower Upper

252 100

254 66.2 50.8 76.2

126 9.1 8.2 12.2





#83

Chrysene

Concen: 39.365 ng

RT: 21.514 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1071017

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

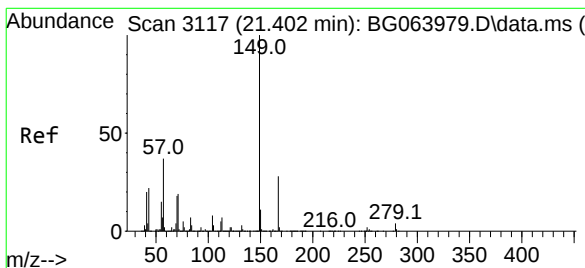
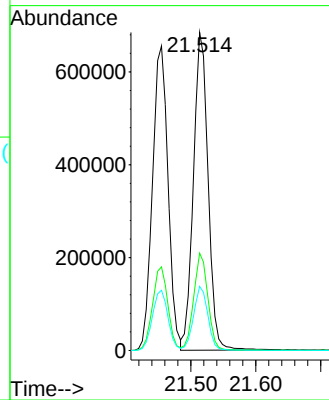
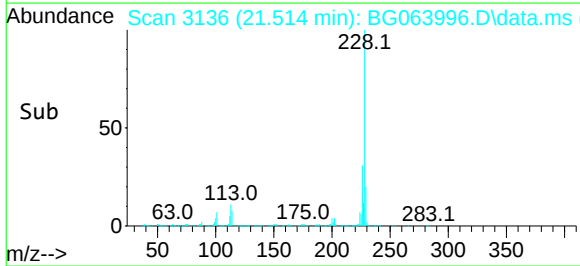
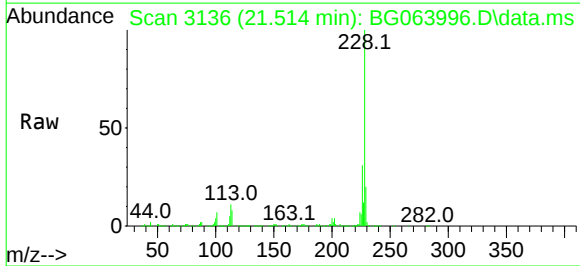
229 20.1 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.908 ng

RT: 21.396 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

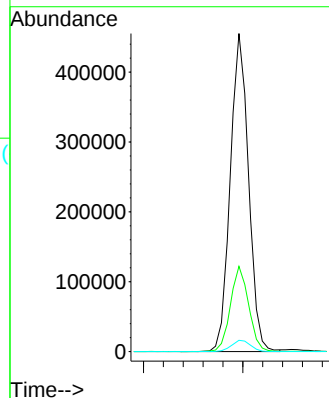
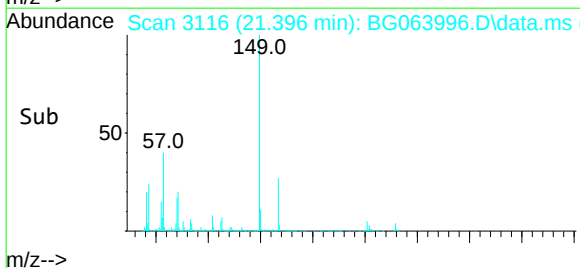
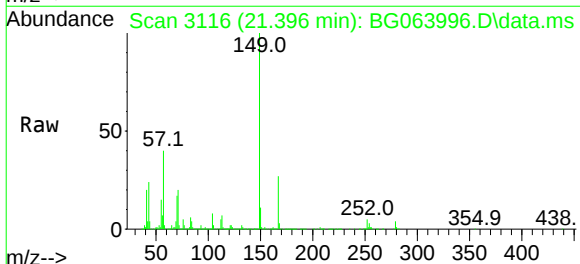
Tgt Ion:149 Resp: 581664

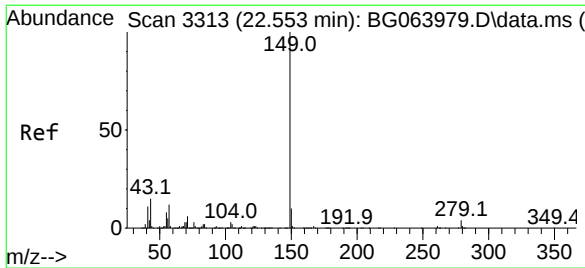
Ion Ratio Lower Upper

149 100

167 26.8 22.5 33.7

279 3.6 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 40.231 ng

RT: 22.554 min Scan# 3313

Delta R.T. 0.000 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 948114

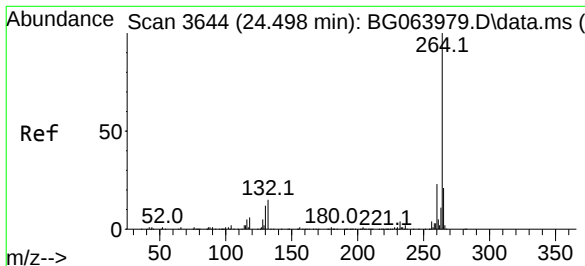
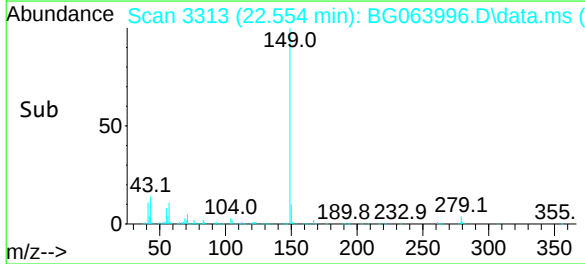
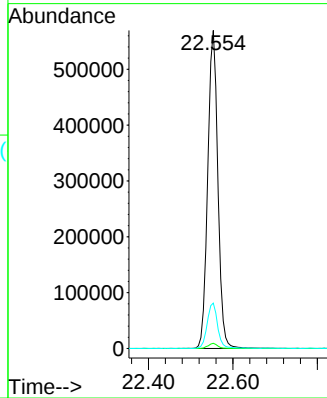
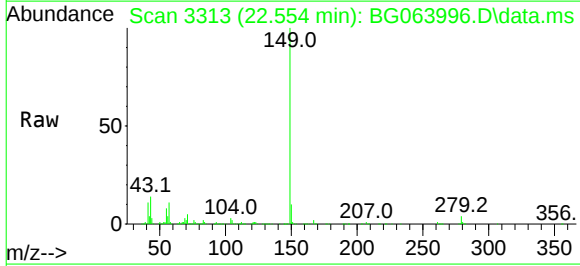
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.9	12.3	18.5

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.498 min Scan# 3644

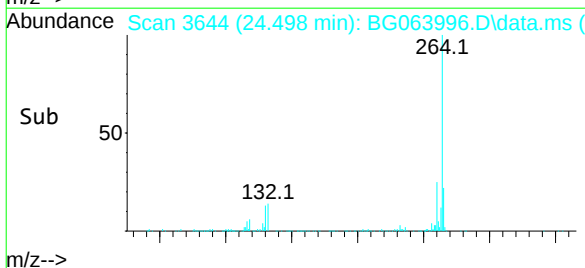
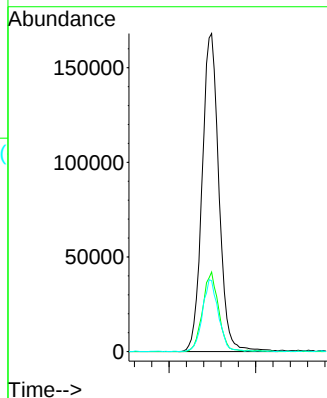
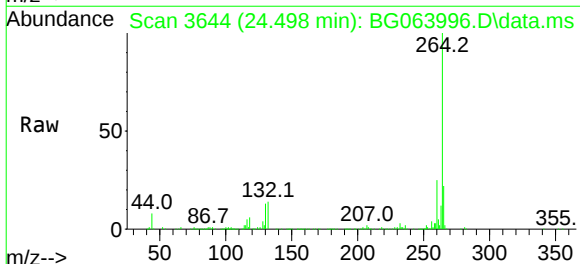
Delta R.T. 0.000 min

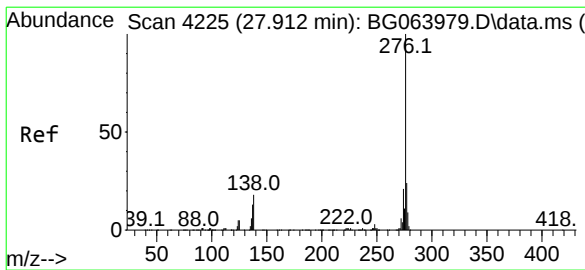
Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Tgt Ion:264 Resp: 452558

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.3	16.6	24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.793 ng

RT: 27.918 min Scan# 4225

Delta R.T. 0.006 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1190984

Ion Ratio Lower Upper

276 100

138 14.3 10.7 16.1

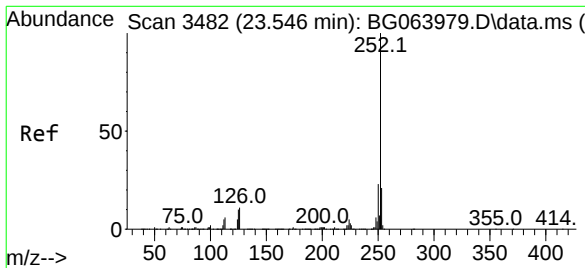
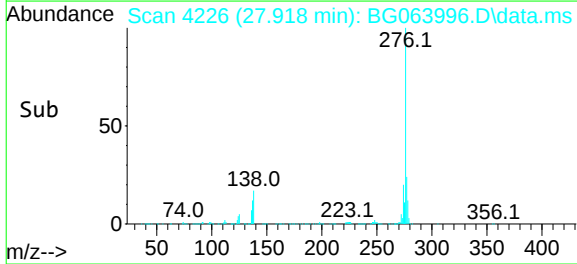
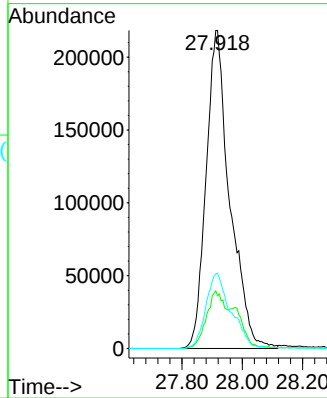
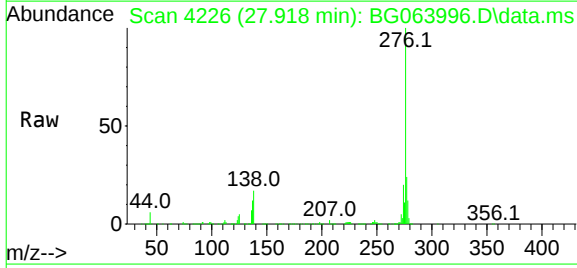
277 25.1 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#88

Benzo(b)fluoranthene

Concen: 40.356 ng

RT: 23.546 min Scan# 3482

Delta R.T. 0.000 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

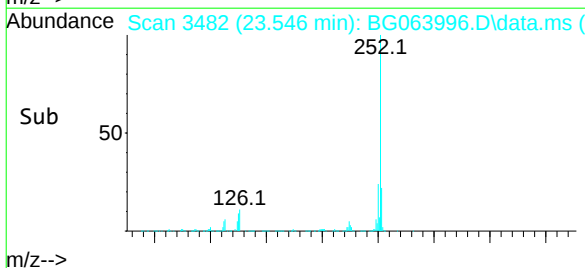
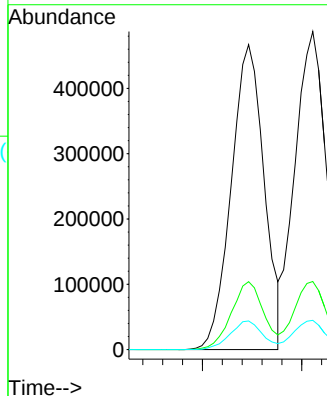
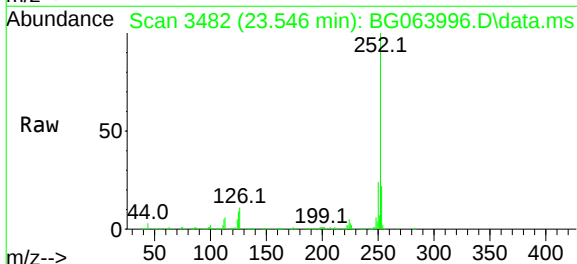
Tgt Ion:252 Resp: 1075439

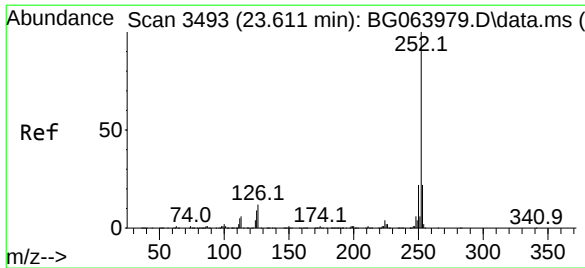
Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

125 9.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.333 ng

RT: 23.611 min Scan# 3493

Delta R.T. 0.000 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1103644

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

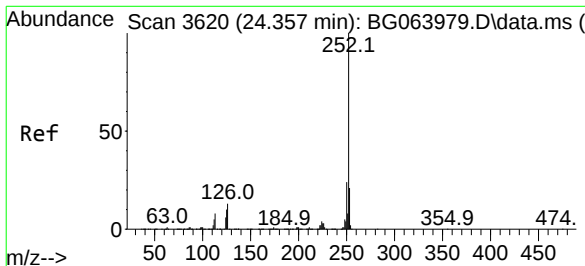
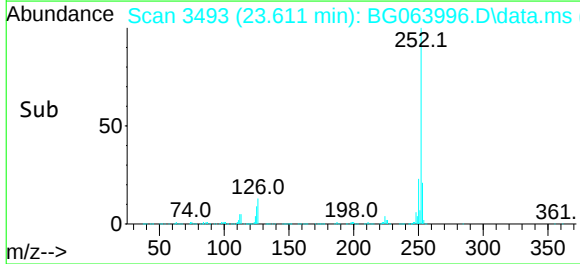
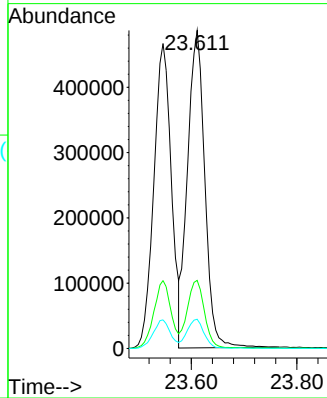
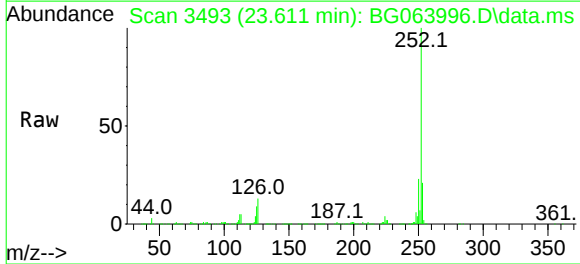
125 9.2 7.5 11.3

Manual Integrations

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Supervised By :mohammad ahmed 02/06/2025



#90

Benzo(a)pyrene

Concen: 40.404 ng

RT: 24.357 min Scan# 3620

Delta R.T. 0.000 min

Lab File: BG063996.D

Acq: 5 Feb 2025 10:26

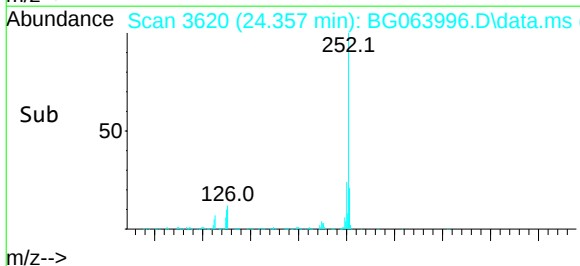
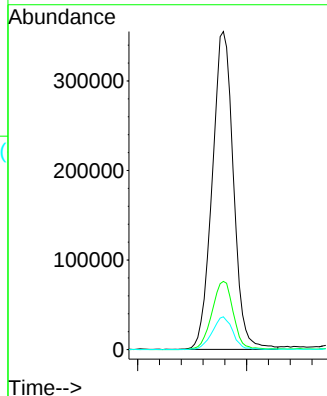
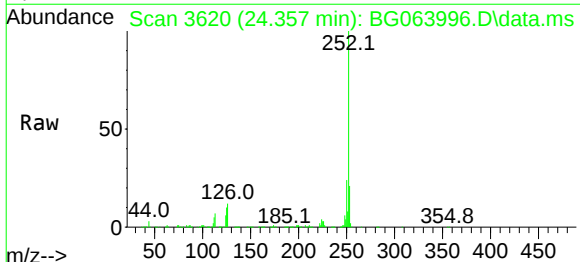
Tgt Ion:252 Resp: 961075

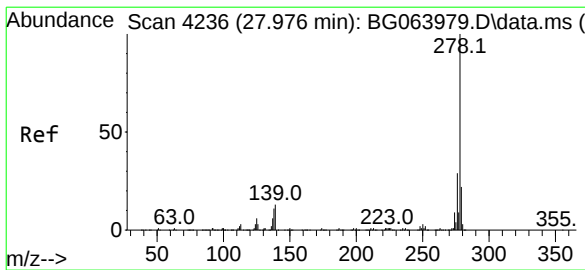
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

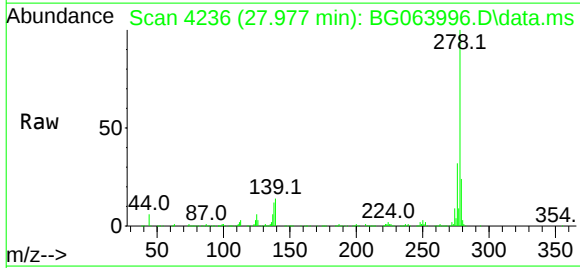
125 10.3 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 40.253 ng
RT: 27.977 min Scan# 4236
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

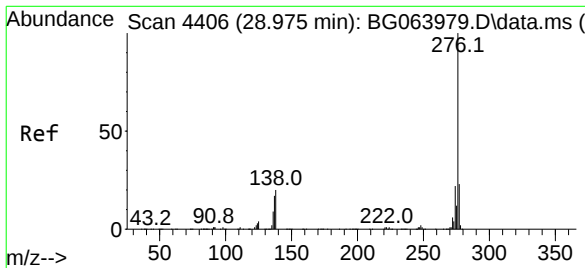
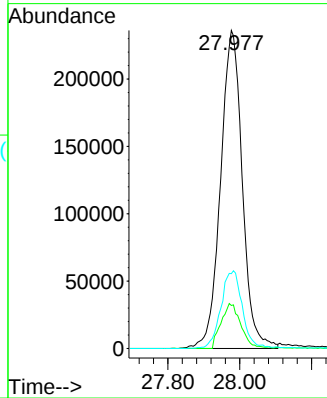
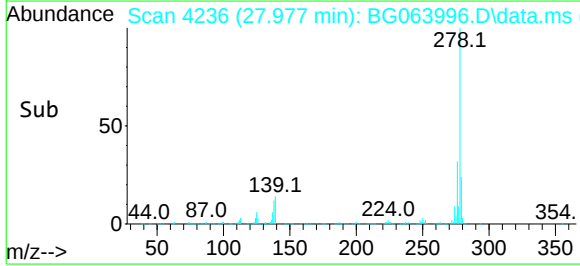
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 992345
Ion Ratio Lower Upper
278 100
139 13.5 10.8 16.2
279 23.5 17.8 26.6

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



#92
Benzo(g,h,i)perylene
Concen: 40.462 ng
RT: 28.975 min Scan# 4406
Delta R.T. 0.000 min
Lab File: BG063996.D
Acq: 5 Feb 2025 10:26

Tgt Ion:276 Resp: 1007013
Ion Ratio Lower Upper
276 100
277 23.2 18.2 27.4
138 17.8 15.8 23.6

