

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064685.D
 Acq On : 3 Nov 2025 23:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 03:13:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	30855	20.000	ng	-0.02
21) Naphthalene-d8	11.032	136	122138	20.000	ng	-0.02
39) Acenaphthene-d10	14.833	164	95662	20.000	ng	-0.01
64) Phenanthrene-d10	17.565	188	243103	20.000	ng	-0.02
76) Chrysene-d12	21.843	240	294757	20.000	ng	#-0.02
86) Perylene-d12	25.174	264	329770	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	150485	81.863	ng	-0.01
7) Phenol-d6	7.348	99	208879	82.807	ng	0.00
23) Nitrobenzene-d5	9.375	82	201607	99.142	ng	-0.01
42) 2,4,6-Tribromophenol	16.308	330	147621	106.918	ng	-0.01
45) 2-Fluorobiphenyl	13.458	172	551792	87.430	ng	-0.02
79) Terphenyl-d14	20.156	244	1281241	82.031	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.576	88	26254	32.259	ng	98
3) Pyridine	3.987	79	80100	32.774	ng	97
4) n-Nitrosodimethylamine	3.893	42	43569	33.243	ng	92
6) Aniline	7.518	93	131285	38.249	ng	97
8) 2-Chlorophenol	7.771	128	84599	43.968	ng	93
9) Benzaldehyde	7.330	77	55132	40.034	ng	94
10) Phenol	7.377	94	114223	40.946	ng	95
11) bis(2-Chloroethyl)ether	7.612	93	80062	39.036	ng	92
12) 1,3-Dichlorobenzene	8.100	146	91863	41.481	ng	97
13) 1,4-Dichlorobenzene	8.247	146	93465	41.507	ng	94
14) 1,2-Dichlorobenzene	8.564	146	89760	41.328	ng	99
15) Benzyl Alcohol	8.441	79	83046	39.924	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.729	45	197507	36.712	ng	100
17) 2-Methylphenol	8.640	107	76108	41.092	ng	97
18) Hexachloroethane	9.310	117	34204	43.285	ng	88
19) n-Nitroso-di-n-propyla...	9.016	70	67215	38.557	ng	97
20) 3+4-Methylphenols	8.969	107	106811	41.007	ng	96
22) Acetophenone	9.034	105	133651	40.030	ng	# 94
24) Nitrobenzene	9.416	77	103805	46.933	ng	97
25) Isophorone	9.945	82	191447	39.235	ng	99
26) 2-Nitrophenol	10.133	139	47171	54.801	ng	# 90
27) 2,4-Dimethylphenol	10.186	122	76353	42.067	ng	97
28) bis(2-Chloroethoxy)met...	10.421	93	109390	39.374	ng	99
29) 2,4-Dichlorophenol	10.673	162	92909	47.564	ng	99
30) 1,2,4-Trichlorobenzene	10.891	180	102059	45.985	ng	99
31) Naphthalene	11.085	128	283888	41.922	ng	99
32) Benzoic acid	10.286	122	58994m	43.336	ng	
33) 4-Chloroaniline	11.179	127	108182	41.102	ng	95
34) Hexachlorobutadiene	11.378	225	82314	47.425	ng	97
35) Caprolactam	11.948	113	26817	35.795	ng	95
36) 4-Chloro-3-methylphenol	12.289	107	104917	44.685	ng	96
37) 2-Methylnaphthalene	12.677	142	214229	43.089	ng	98
38) 1-Methylnaphthalene	12.894	142	202203m	41.083	ng	
40) 1,2,4,5-Tetrachloroben...	13.041	216	149007	46.413	ng	99
41) Hexachlorocyclopentadiene	13.024	237	73412	50.802	ng	99
43) 2,4,6-Trichlorophenol	13.270	196	89643	48.814	ng	99

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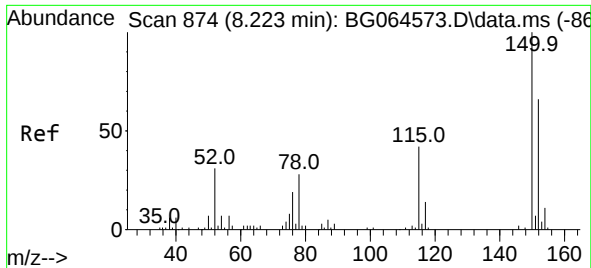
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.341	196	96961	45.753	ng	96
46) 1,1'-Biphenyl	13.670	154	285351	41.958	ng	98
47) 2-Chloronaphthalene	13.717	162	218692	42.601	ng	99
48) 2-Nitroaniline	13.905	65	78350	45.634	ng	95
49) Acenaphthylene	14.557	152	345537	42.673	ng	99
50) Dimethylphthalate	14.275	163	309589	42.293	ng	99
51) 2,6-Dinitrotoluene	14.387	165	60583	50.015	ng	94
52) Acenaphthene	14.898	154	239100	43.220	ng	97
53) 3-Nitroaniline	14.722	138	65642	52.180	ng	# 93
54) 2,4-Dinitrophenol	14.933	184	26837	39.260	ng	# 26
55) Dibenzofuran	15.227	168	381052	42.605	ng	98
56) 4-Nitrophenol	15.009	139	41923	35.944	ng	89
57) 2,4-Dinitrotoluene	15.174	165	92929	49.650	ng	# 93
58) Fluorene	15.873	166	298932	42.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.444	232	91089	44.949	ng	97
60) Diethylphthalate	15.632	149	307182	41.099	ng	99
61) 4-Chlorophenyl-phenyle...	15.861	204	180066	45.937	ng	100
62) 4-Nitroaniline	15.873	138	68841	49.189	ng	93
63) Azobenzene	16.155	77	269112	39.242	ng	96
65) 4,6-Dinitro-2-methylph...	15.938	198	56131	51.966	ng	98
66) n-Nitrosodiphenylamine	16.067	169	271409	41.330	ng	97
67) 4-Bromophenyl-phenylether	16.754	248	130859	45.424	ng	97
68) Hexachlorobenzene	16.878	284	150702	45.854	ng	94
69) Atrazine	17.013	200	116929	41.377	ng	98
70) Pentachlorophenol	17.224	266	41566m	20.281	ng	
71) Phenanthrene	17.612	178	547994	41.220	ng	99
72) Anthracene	17.700	178	558940	41.331	ng	99
73) Carbazole	17.959	167	480205	40.268	ng	98
74) Di-n-butylphthalate	18.517	149	561642	40.728	ng	100
75) Fluoranthene	19.604	202	713230	42.825	ng	98
77) Benzidine	19.774	184	283911	42.992	ng	100
78) Pyrene	19.968	202	747048	38.792	ng	99
80) Butylbenzylphthalate	20.838	149	256583	44.083	ng	94
81) Benzo(a)anthracene	21.825	228	814427	41.671	ng	100
82) 3,3'-Dichlorobenzidine	21.725	252	282119	43.227	ng	96
83) Chrysene	21.890	228	775795	41.717	ng	99
84) Bis(2-ethylhexyl)phtha...	21.725	149	368167	42.332	ng	98
85) Di-n-octyl phthalate	22.982	149	638122	43.518	ng	97
87) Indeno(1,2,3-cd)pyrene	28.999	276	998323	41.153	ng	# 78
88) Benzo(b)fluoranthene	24.116	252	832816	41.185	ng	99
89) Benzo(k)fluoranthene	24.193	252	832301m	41.131	ng	
90) Benzo(a)pyrene	25.021	252	770578	41.456	ng	99
91) Dibenzo(a,h)anthracene	29.069	278	818493	41.530	ng	97
92) Benzo(g,h,i)perylene	30.192	276	775096	41.169	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 81
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

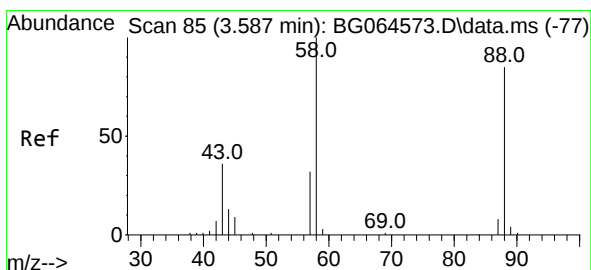
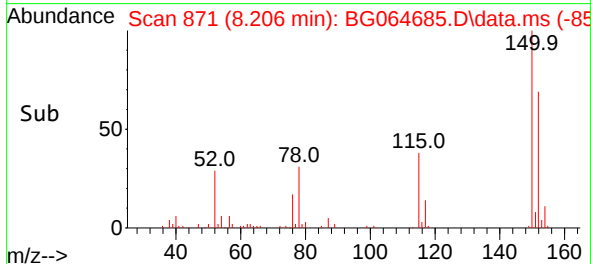
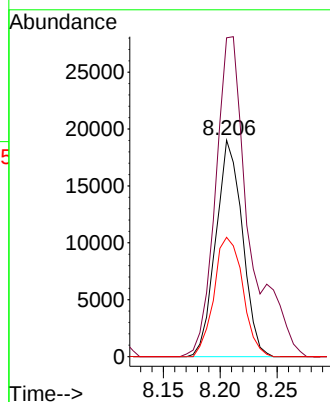
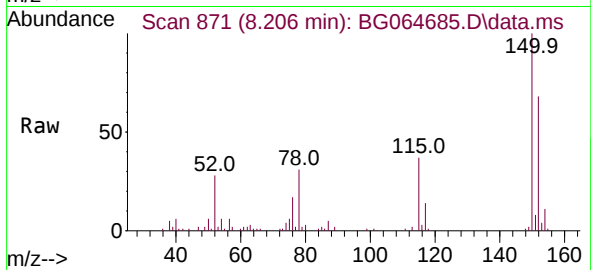
SSTDCCC040EC

Tgt Ion:152 Resp: 3085
Ion Ratio Lower Upper
152 100
150 147.3 122.2 183.4
115 55.1 50.8 76.2

Manual Integrations

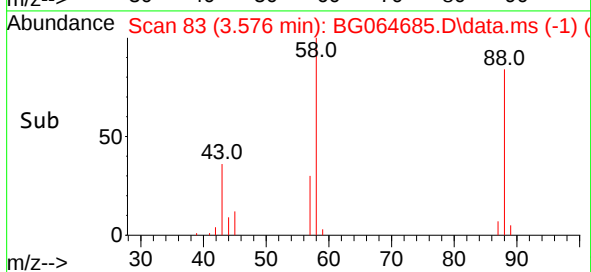
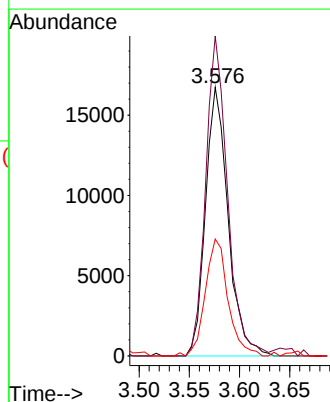
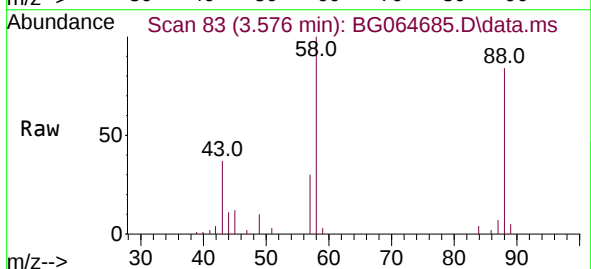
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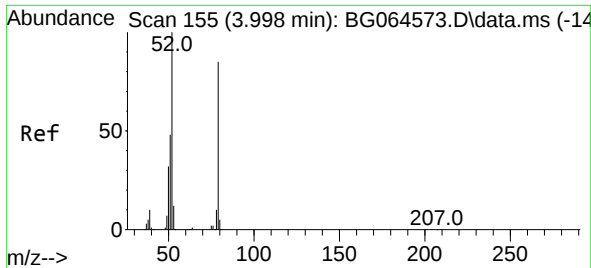
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#2
1,4-Dioxane
Concen: 32.259 ng
RT: 3.576 min Scan# 83
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

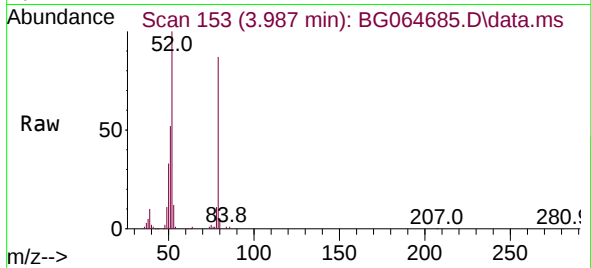
Tgt Ion: 88 Resp: 26254
Ion Ratio Lower Upper
88 100
58 114.3 92.4 138.6
43 43.6 33.0 49.6





#3
Pyridine
Concen: 32.774 ng
RT: 3.987 min Scan# 111
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

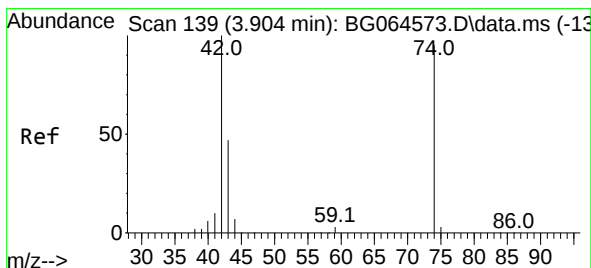
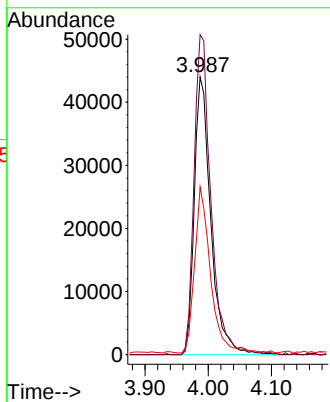
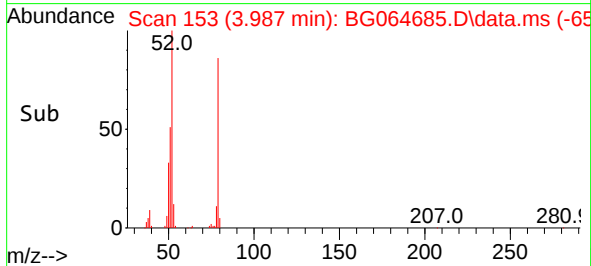
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Tgt Ion: 79 Resp: 80100
Ion Ratio Lower Upper
79 100
52 115.2 94.2 141.2
51 60.3 46.1 69.1

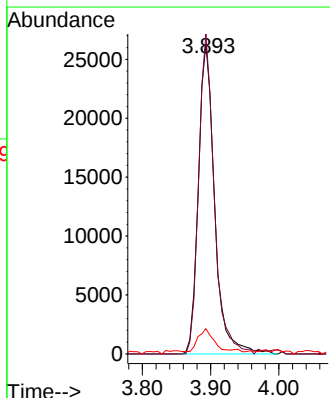
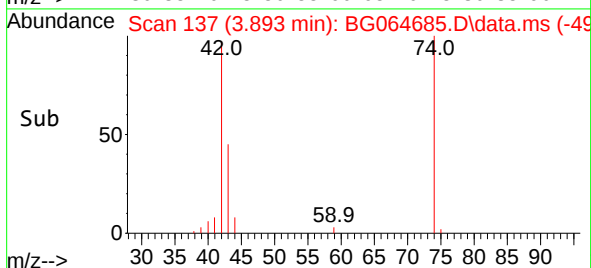
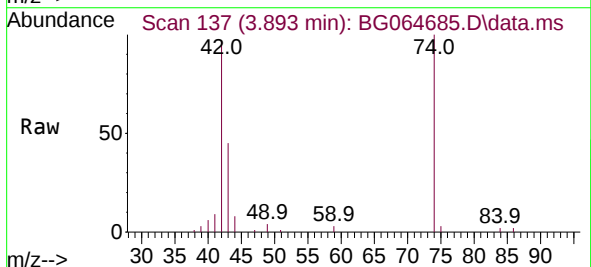
Manual Integrations
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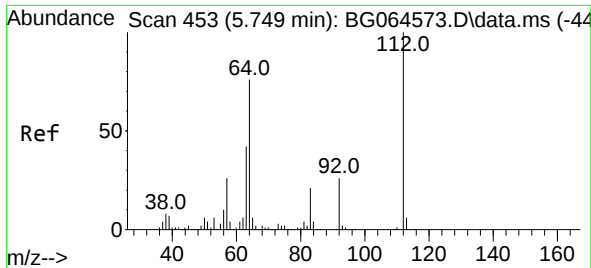
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Supervised By :mohammad ahmed 11/05/2025



#4
n-Nitrosodimethylamine
Concen: 33.243 ng
RT: 3.893 min Scan# 137
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 42 Resp: 43569
Ion Ratio Lower Upper
42 100
74 103.2 76.1 114.1
44 8.1 6.3 9.5





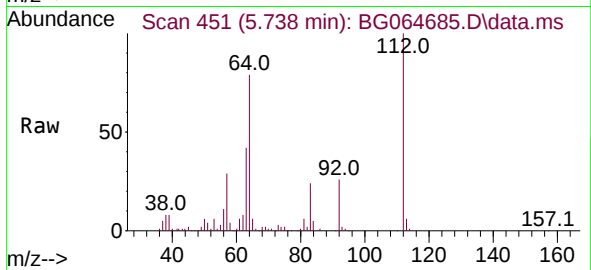
#5
2-Fluorophenol
Concen: 81.863 ng
RT: 5.738 min Scan# 451
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

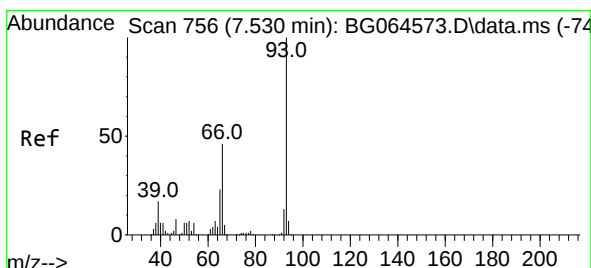
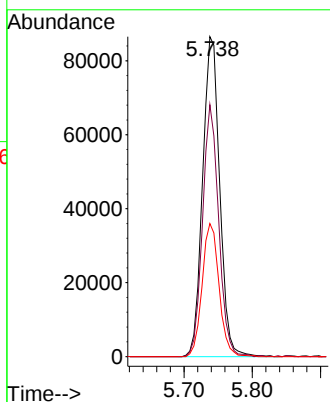
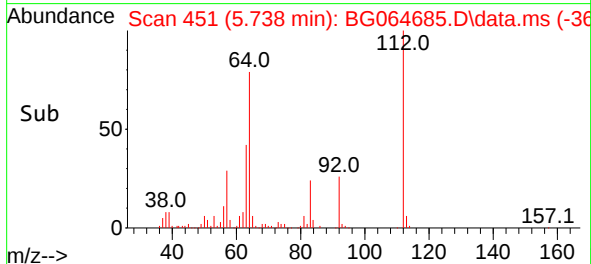


Tgt Ion:112 Resp: 150485
Ion Ratio Lower Upper
112 100
64 78.7 60.7 91.1
63 41.6 33.4 50.0

Manual Integrations

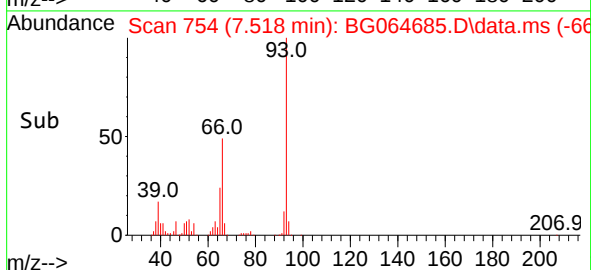
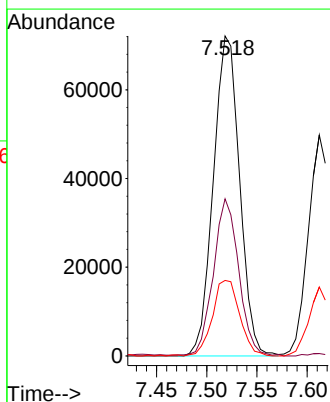
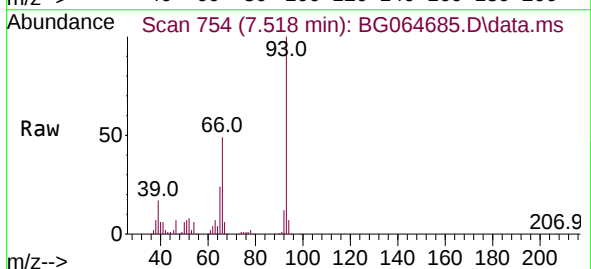
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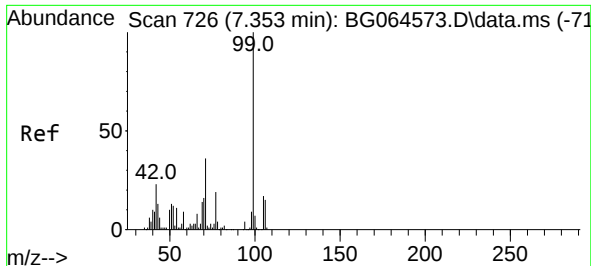
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#6
Aniline
Concen: 38.249 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

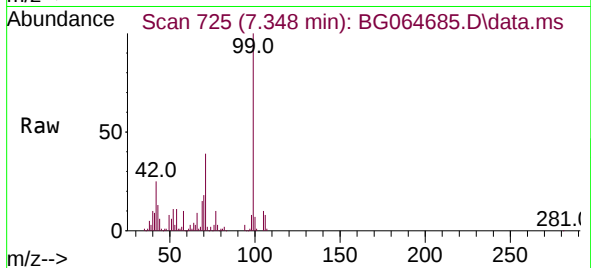
Tgt Ion: 93 Resp: 131285
Ion Ratio Lower Upper
93 100
66 49.1 37.0 55.6
65 23.6 18.3 27.5





#7
Phenol-d6
Concen: 82.807 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

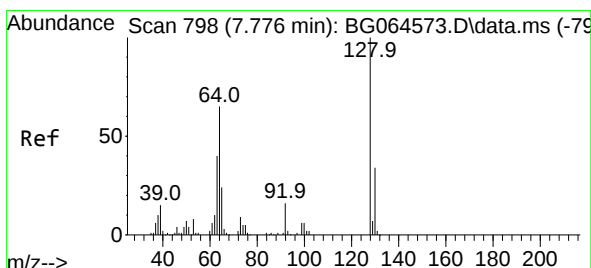
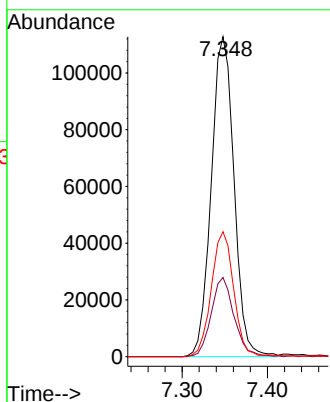
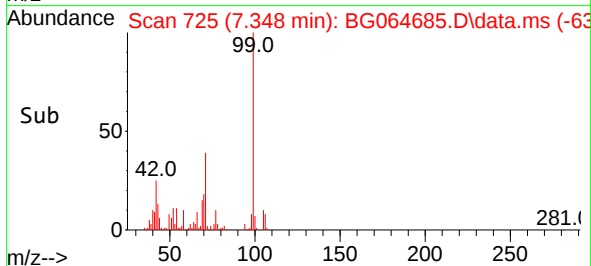
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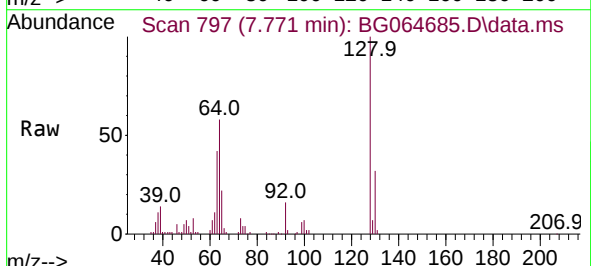
Tgt Ion: 99 Resp: 208879
Ion Ratio Lower Upper
99 100
42 24.7 18.3 27.5
71 39.0 28.6 43.0

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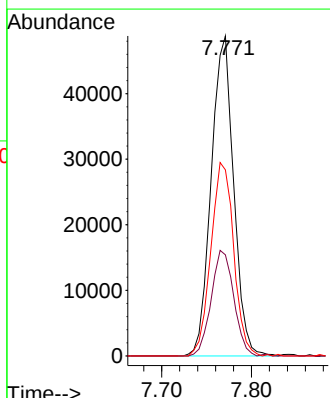
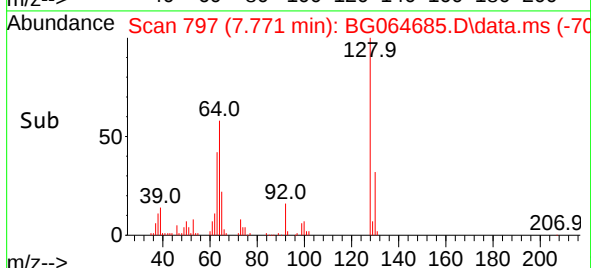
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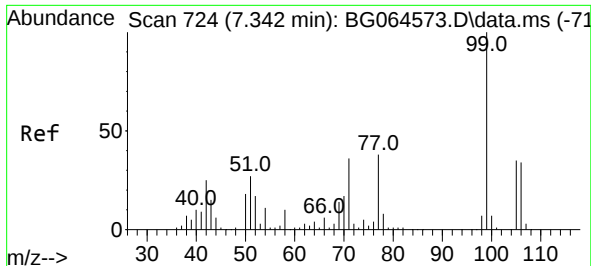


#8
2-Chlorophenol
Concen: 43.968 ng
RT: 7.771 min Scan# 797
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



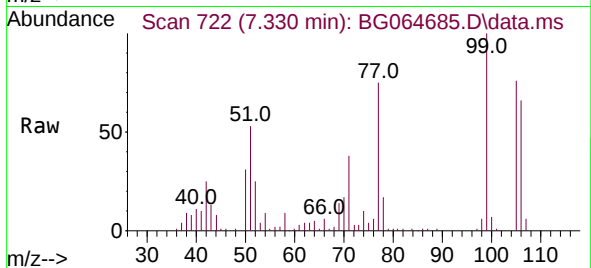
Tgt Ion:128 Resp: 84599
Ion Ratio Lower Upper
128 100
130 31.6 13.5 53.5
64 58.1 45.2 85.2





#9
Benzaldehyde
Concen: 40.034 ng
RT: 7.330 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

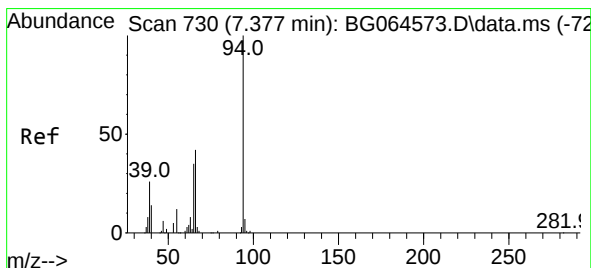
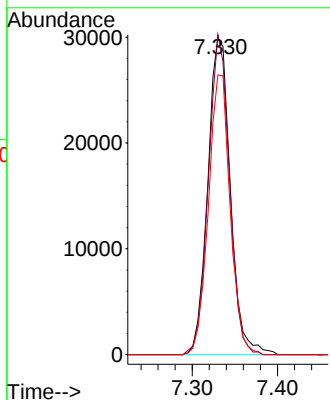
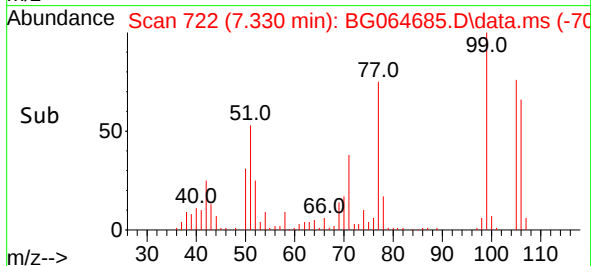
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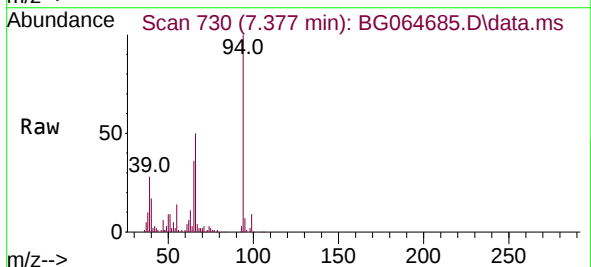
Tgt Ion: 77 Resp: 55132
Ion Ratio Lower Upper
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105 100.9 72.9 112.9
106 88.2 70.8 110.8

Manual Integrations
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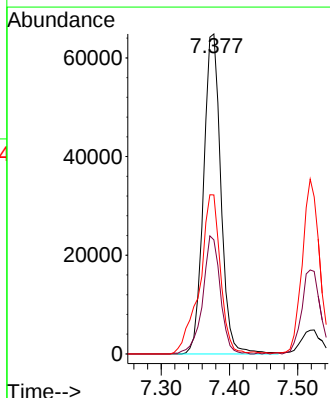
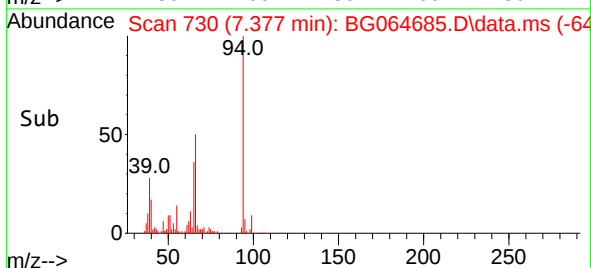
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

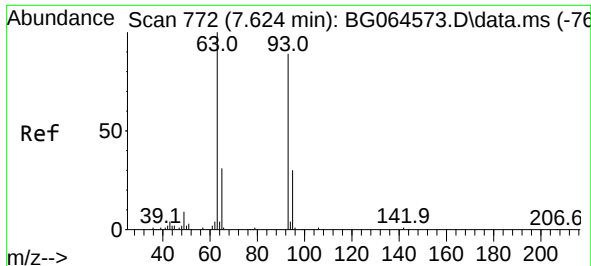


#10
Phenol
Concen: 40.946 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



Tgt Ion: 94 Resp: 114223
Ion Ratio Lower Upper
94 100
65 35.6 15.8 55.8
66 49.7 24.0 64.0





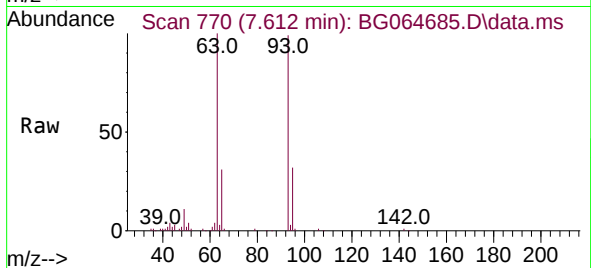
#11
bis(2-Chloroethyl)ether
Concen: 39.036 ng
RT: 7.612 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

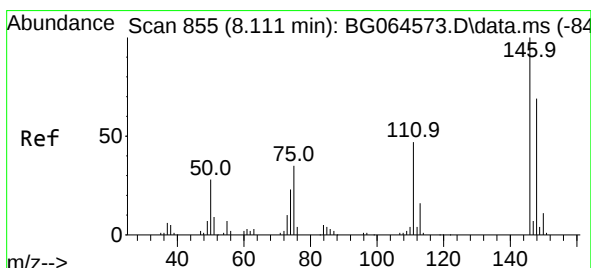
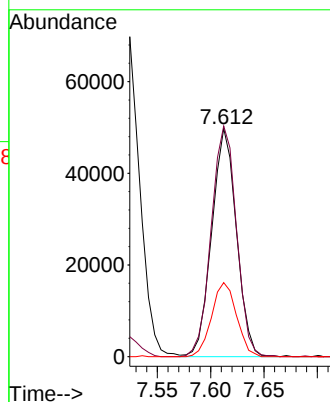
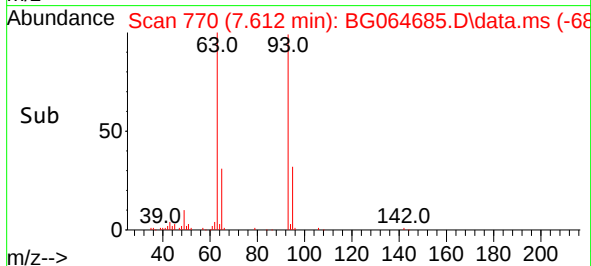


Tgt Ion: 93 Resp: 80062
Ion Ratio Lower Upper
93 100
63 101.1 91.3 131.3
95 32.4 13.3 53.3

Manual Integrations

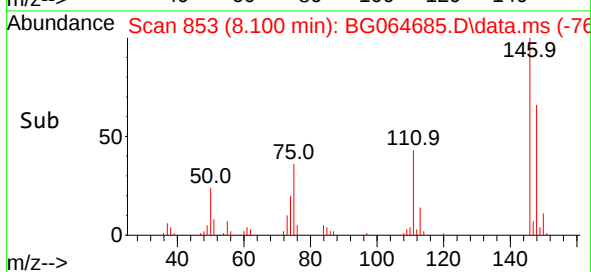
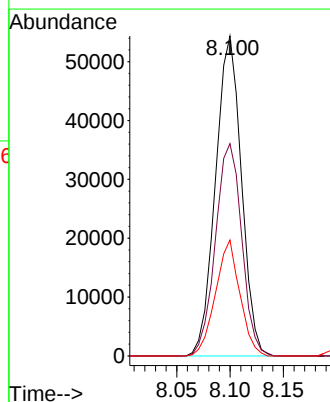
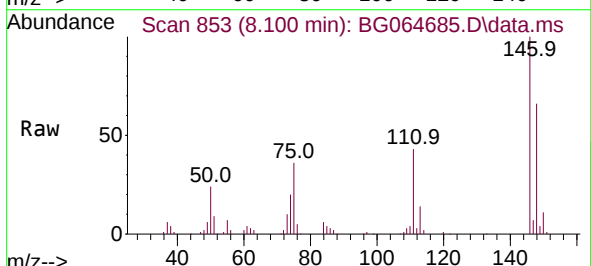
APPROVED

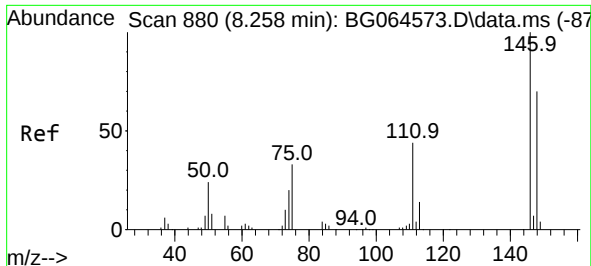
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#12
1,3-Dichlorobenzene
Concen: 41.481 ng
RT: 8.100 min Scan# 853
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

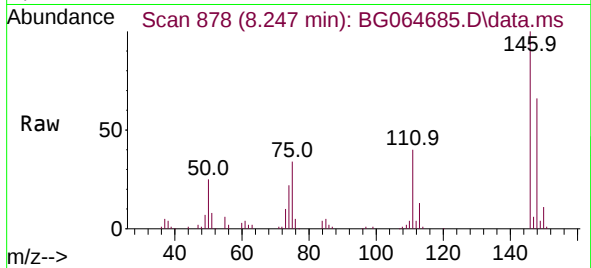
Tgt Ion:146 Resp: 91863
Ion Ratio Lower Upper
146 100
148 66.3 55.3 82.9
75 36.2 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 41.507 ng
RT: 8.247 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

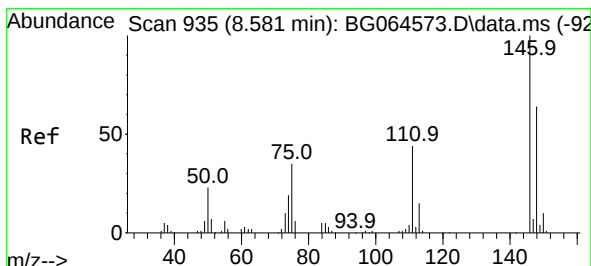
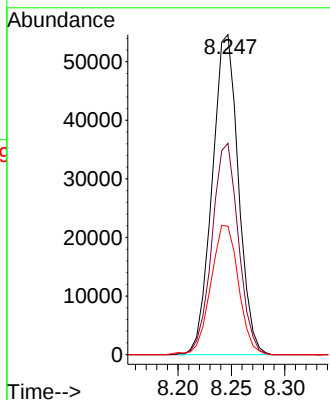
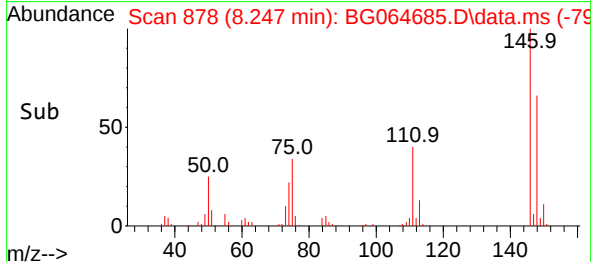
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



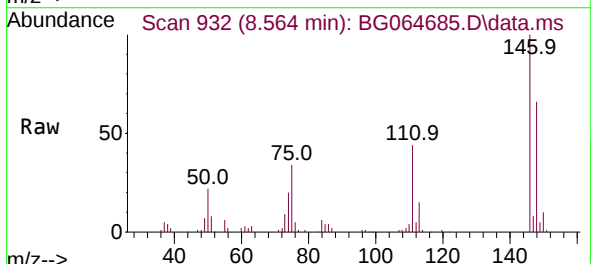
Tgt Ion:146 Resp: 93465
Ion Ratio Lower Upper
146 100
148 66.0 56.2 84.4
111 40.1 35.4 53.0

Manual Integrations
APPROVED

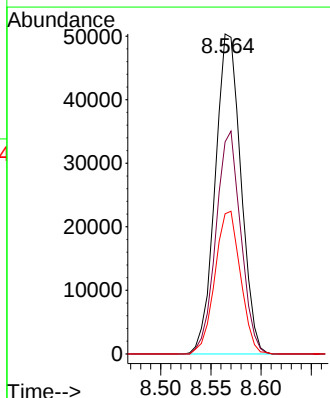
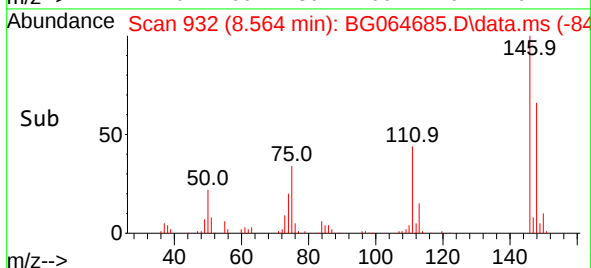
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

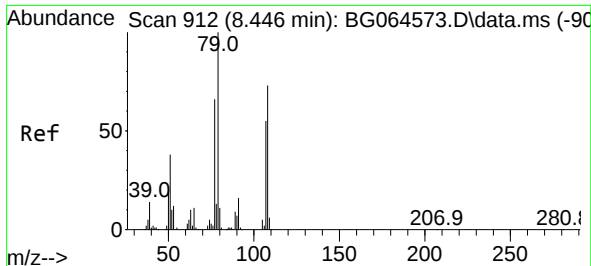


#14
1,2-Dichlorobenzene
Concen: 41.328 ng
RT: 8.564 min Scan# 932
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



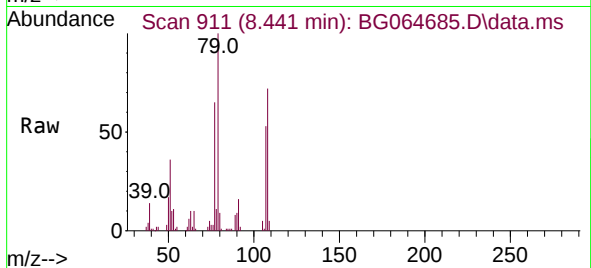
Tgt Ion:146 Resp: 89760
Ion Ratio Lower Upper
146 100
148 66.2 51.5 77.3
111 43.8 35.0 52.6





#15
Benzyl Alcohol
Concen: 39.924 ng
RT: 8.441 min Scan# 911
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

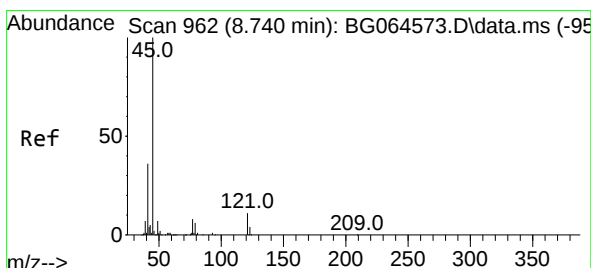
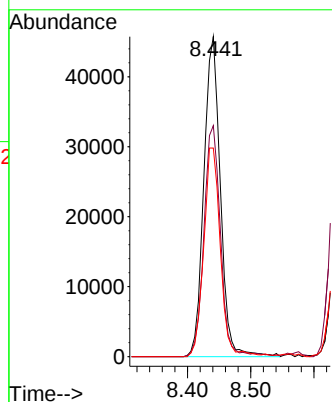
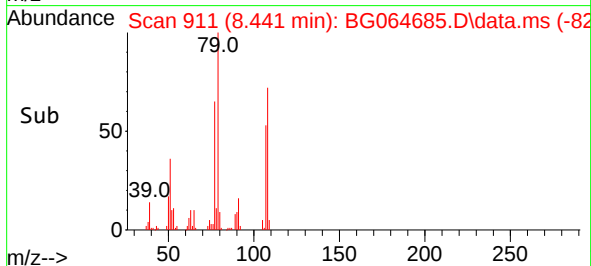
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 83046
Ion Ratio Lower Upper
79 100
108 72.2 58.1 87.1
77 65.2 52.8 79.2

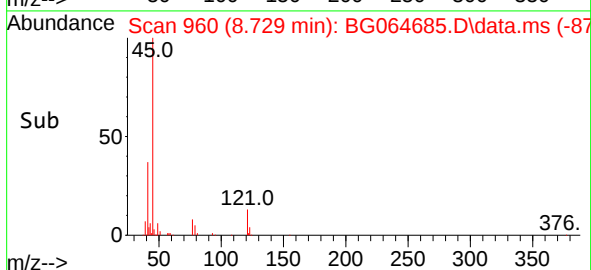
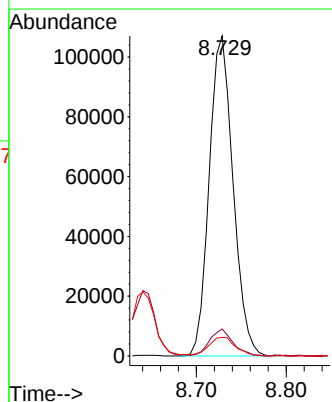
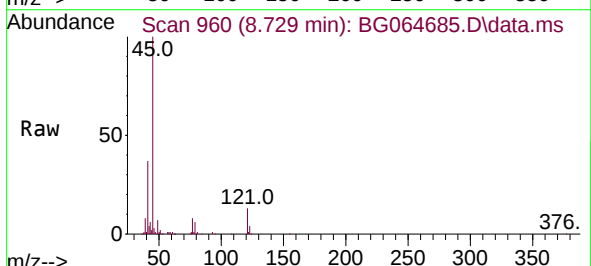
Manual Integrations
APPROVED

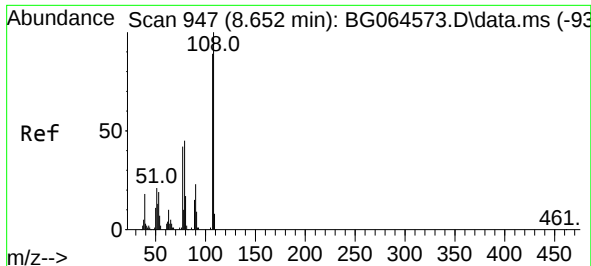
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.712 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 45 Resp: 197507
Ion Ratio Lower Upper
45 100
77 8.4 0.0 28.5
79 5.8 0.0 25.6





#17
2-Methylphenol
Concen: 41.092 ng
RT: 8.640 min Scan# 947
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

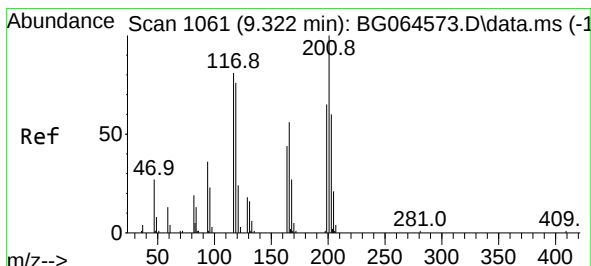
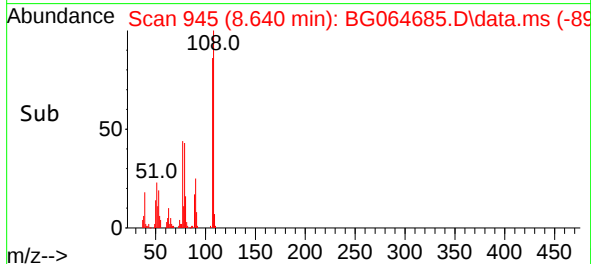
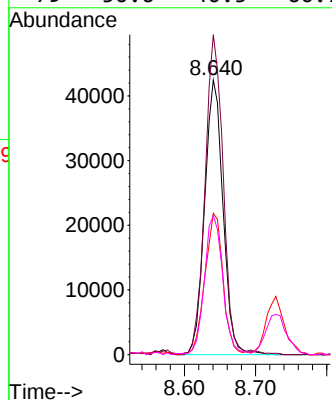
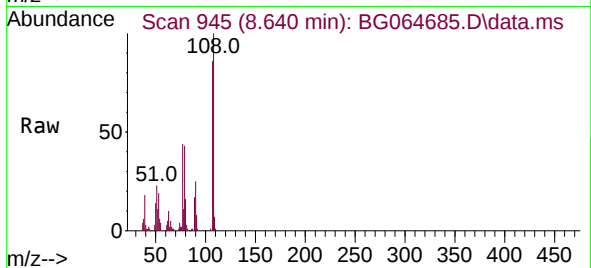
SSTDCCC040EC

Tgt Ion:107 Resp: 76108
Ion Ratio Lower Upper
107 100
108 116.5 90.0 135.0
77 51.5 37.8 56.8
79 50.6 40.5 60.7

Manual Integrations

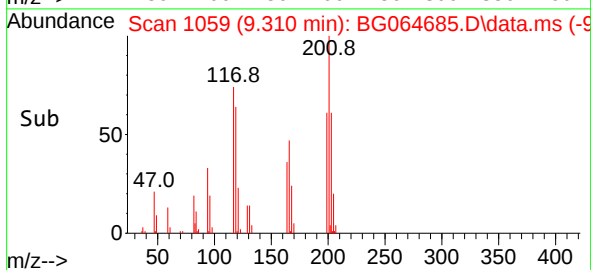
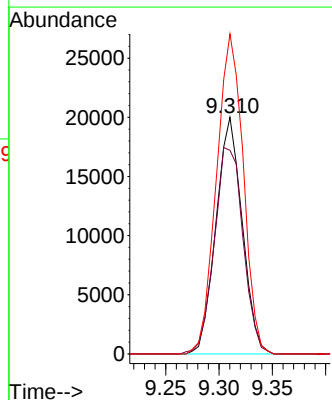
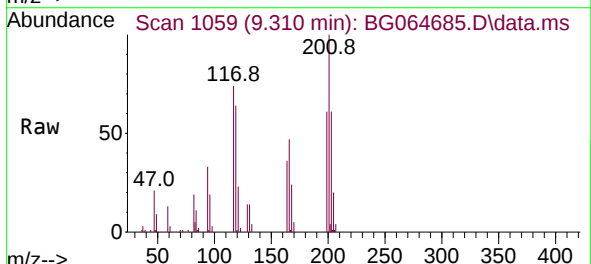
APPROVED

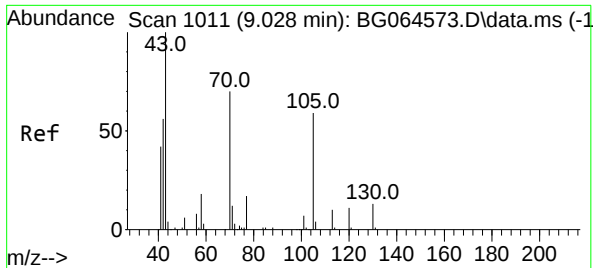
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#18
Hexachloroethane
Concen: 43.285 ng
RT: 9.310 min Scan# 1059
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:117 Resp: 34204
Ion Ratio Lower Upper
117 100
119 86.0 75.4 113.2
201 140.0 99.2 148.8





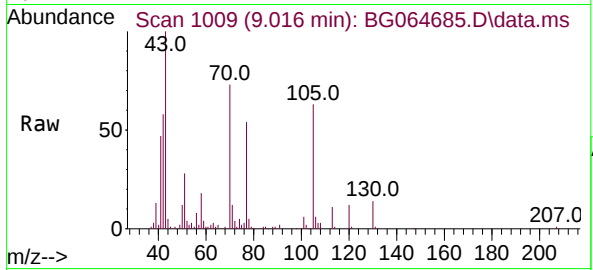
#19
n-Nitroso-di-n-propylamine
Concen: 38.557 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

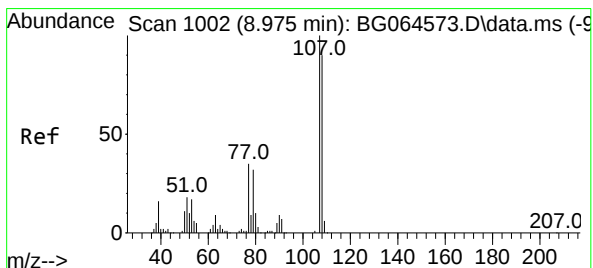
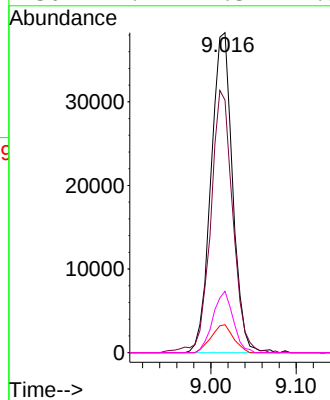
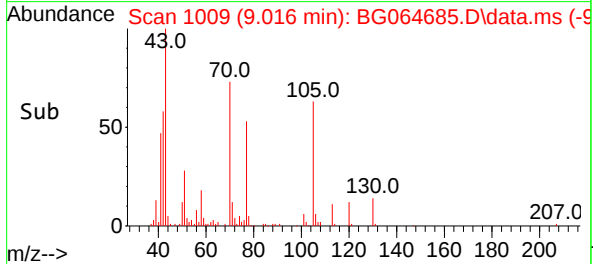


Tgt Ion: 70 Resp: 67215
Ion Ratio Lower Upper
70 100
42 78.9 65.2 97.8
101 8.7 7.9 11.9
130 19.2 14.3 21.5

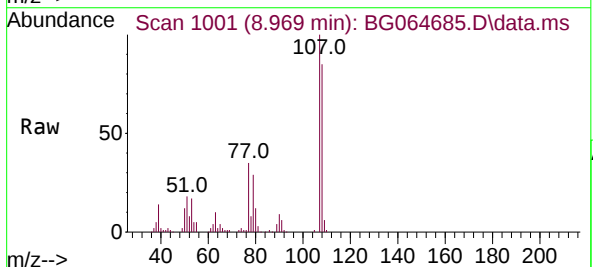
Manual Integrations

APPROVED

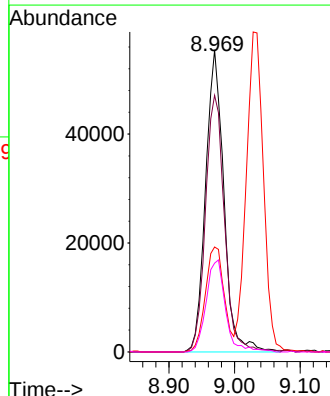
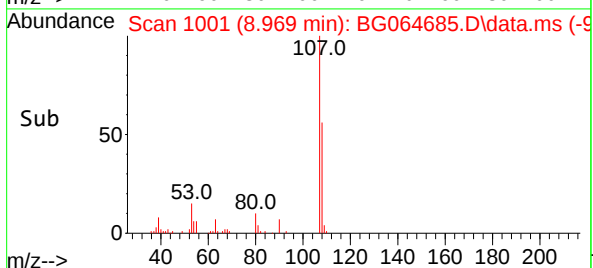
Reviewed By :Jagrut Upadhyay 11/04/2025
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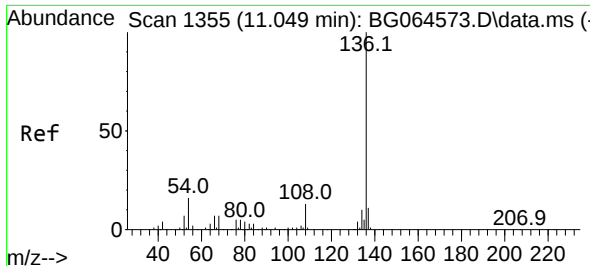


#20
3+4-Methylphenols
Concen: 41.007 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



Tgt Ion:107 Resp: 106811
Ion Ratio Lower Upper
107 100
108 84.9 70.3 110.3
77 34.7 14.6 54.6
79 29.4 11.7 51.7





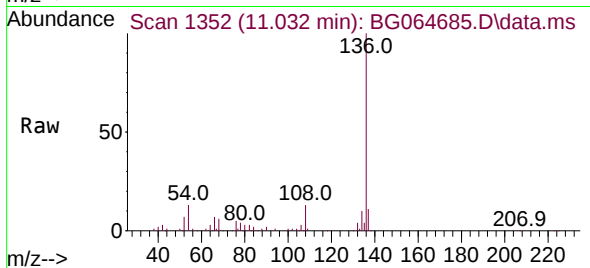
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1352
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

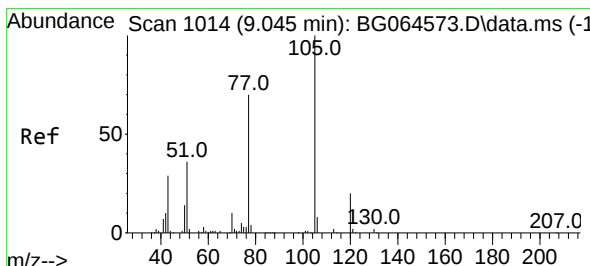
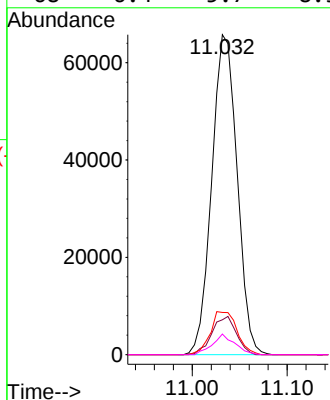
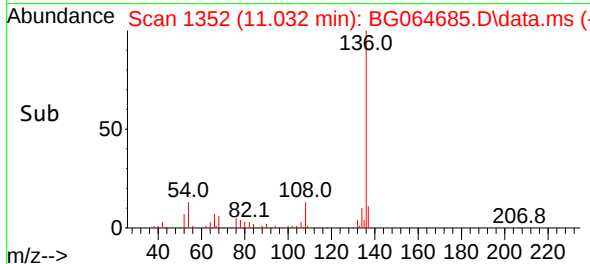


Tgt Ion:136 Resp: 122138
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 13.2 12.6 19.0
68 6.4 5.7 8.5

Manual Integrations

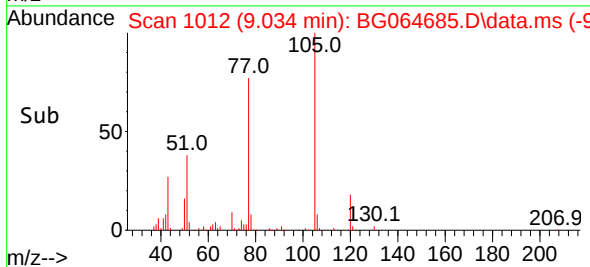
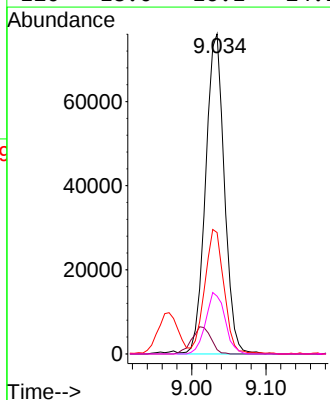
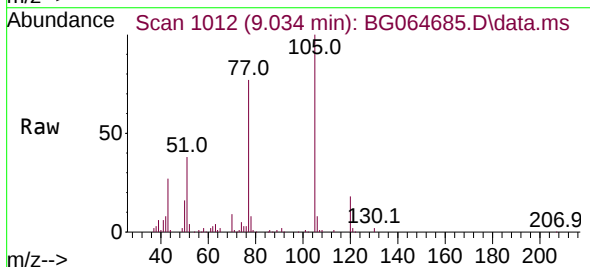
APPROVED

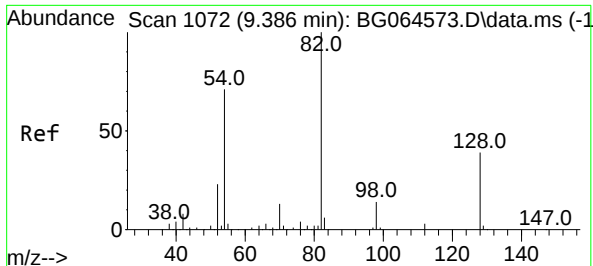
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 40.030 ng
RT: 9.034 min Scan# 1012
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:105 Resp: 133651
Ion Ratio Lower Upper
105 100
71 1.3 1.5 2.3#
51 37.9 33.7 50.5
120 18.0 16.1 24.1





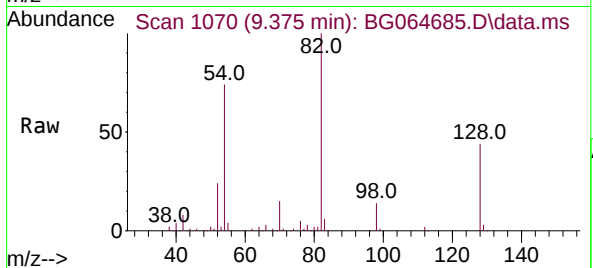
#23
Nitrobenzene-d5
Concen: 99.142 ng
RT: 9.375 min Scan# 1072
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

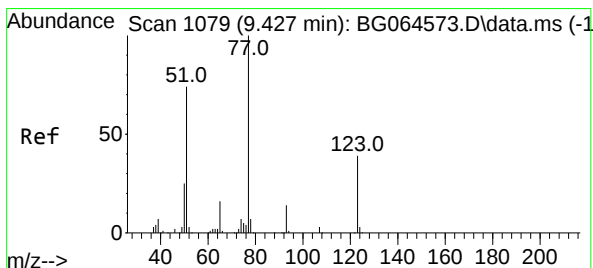
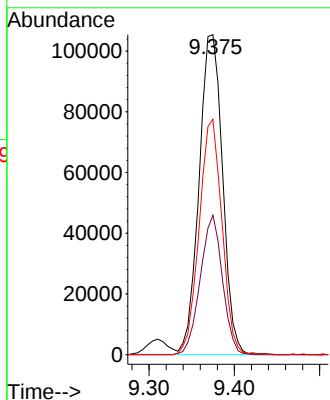
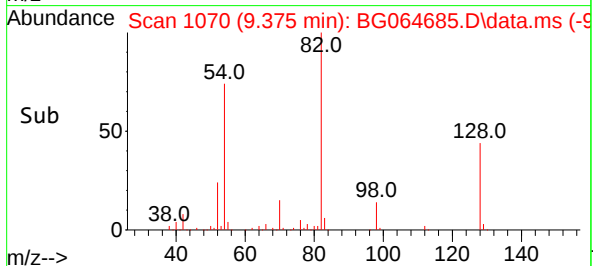


Tgt Ion: 82 Resp: 201607
Ion Ratio Lower Upper
82 100
128 43.6 31.3 46.9
54 73.6 56.6 84.8

Manual Integrations

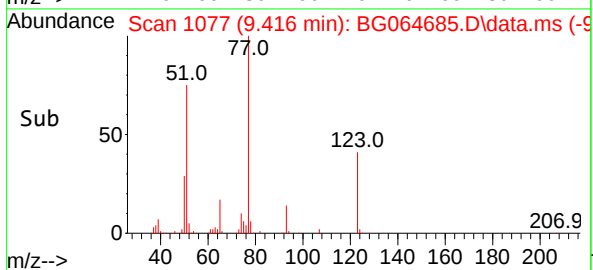
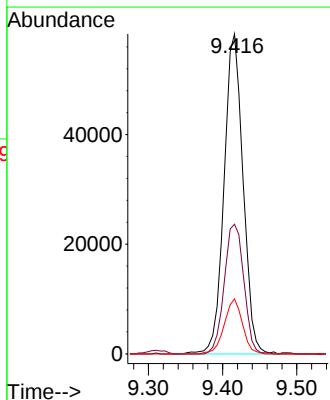
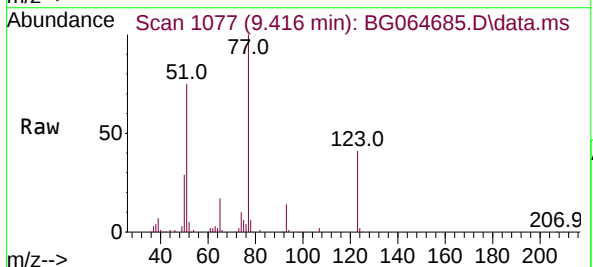
APPROVED

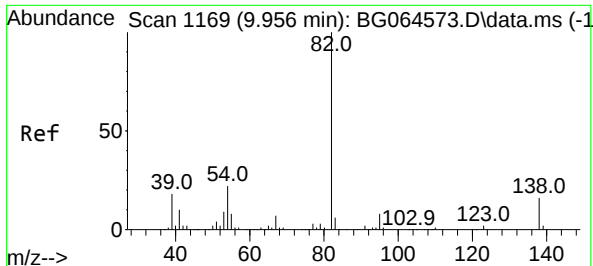
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#24
Nitrobenzene
Concen: 46.933 ng
RT: 9.416 min Scan# 1077
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

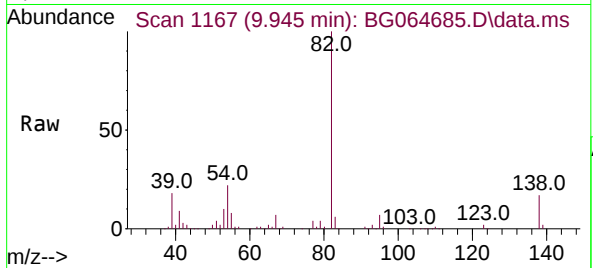
Tgt Ion: 77 Resp: 103805
Ion Ratio Lower Upper
77 100
123 40.5 31.0 46.6
65 17.2 12.7 19.1





#25
Isophorone
Concen: 39.235 ng
RT: 9.945 min Scan# 1167
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

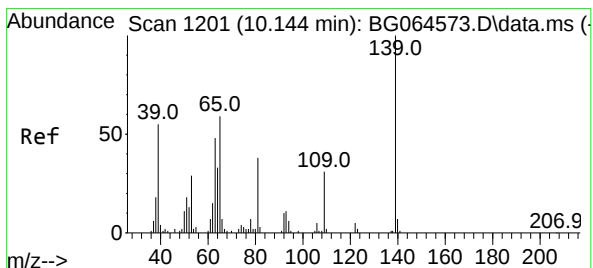
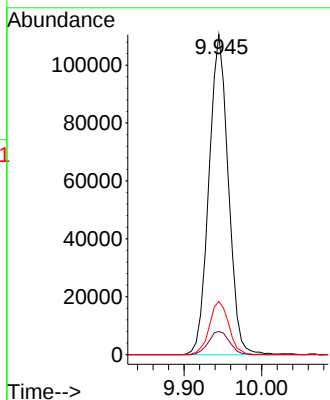
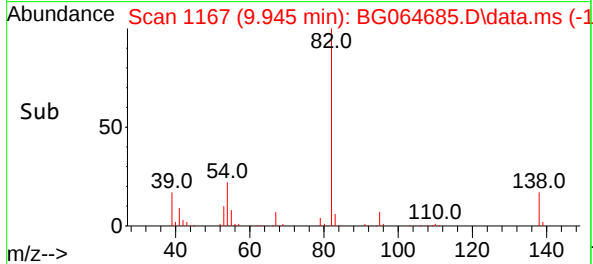
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



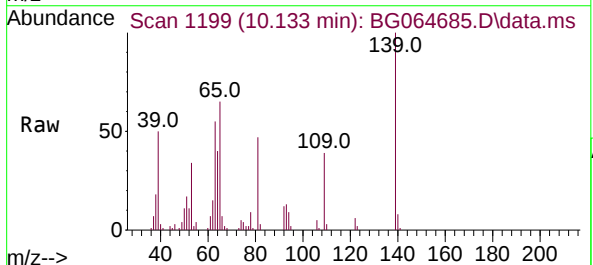
Tgt Ion: 82 Resp: 19144
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.6 13.0 19.4

Manual Integrations
APPROVED

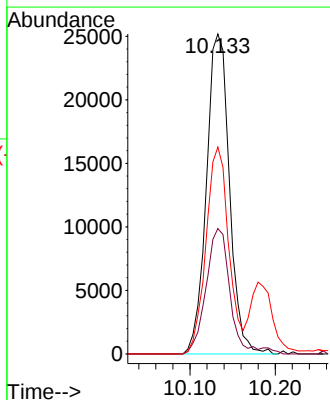
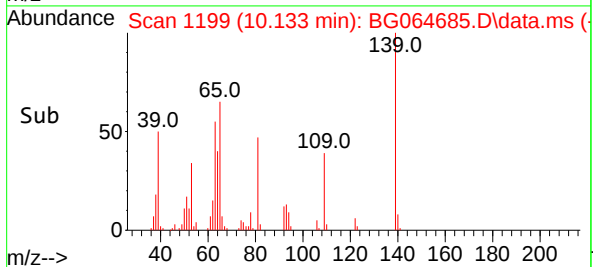
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

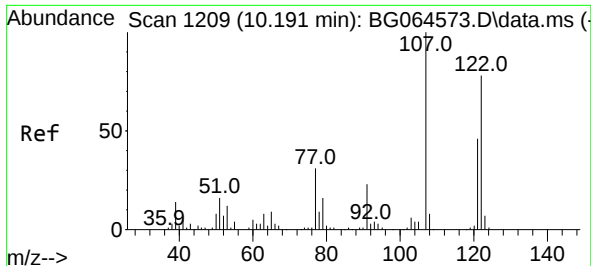


#26
2-Nitrophenol
Concen: 54.801 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



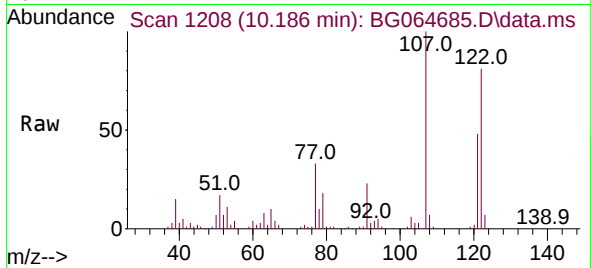
Tgt Ion:139 Resp: 47171
Ion Ratio Lower Upper
139 100
109 39.2 24.6 37.0#
65 64.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 42.067 ng
RT: 10.186 min Scan# 1209
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

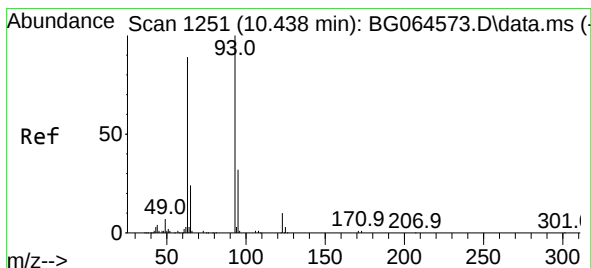
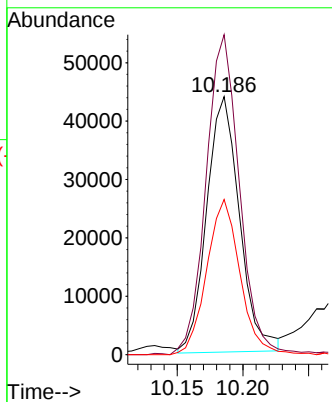
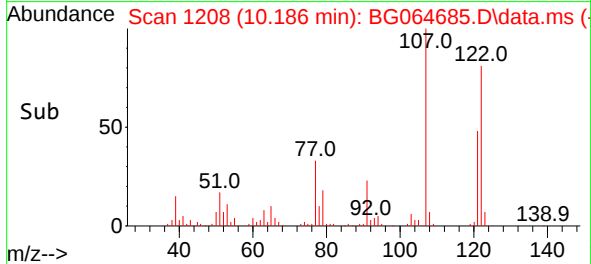
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:122 Resp: 7635
Ion Ratio Lower Upper
122 100
107 124.0 103.0 154.4
121 60.1 47.8 71.8

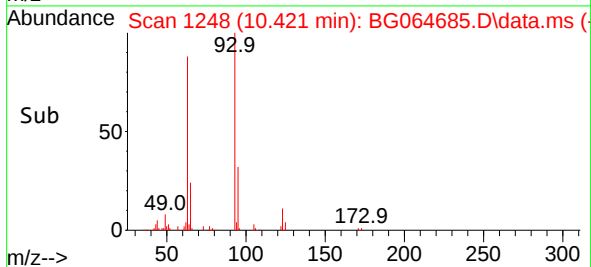
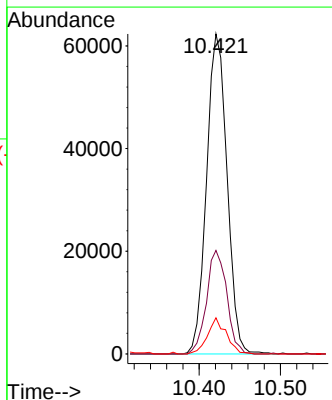
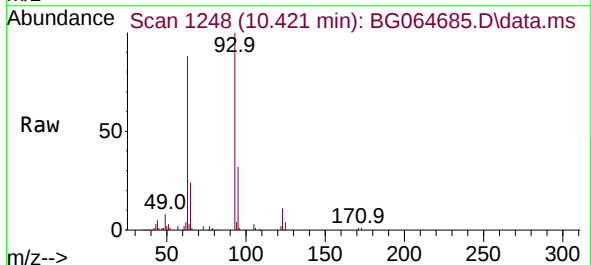
Manual Integrations
APPROVED

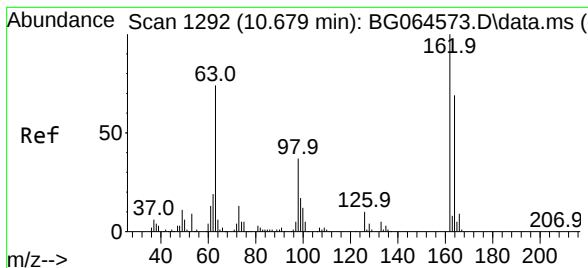
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.374 ng
RT: 10.421 min Scan# 1248
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

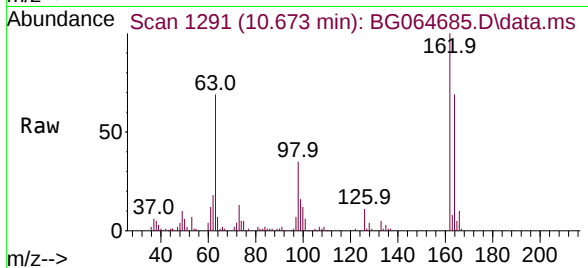
Tgt Ion: 93 Resp: 109390
Ion Ratio Lower Upper
93 100
95 32.3 25.4 38.2
123 11.3 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 47.564 ng
RT: 10.673 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

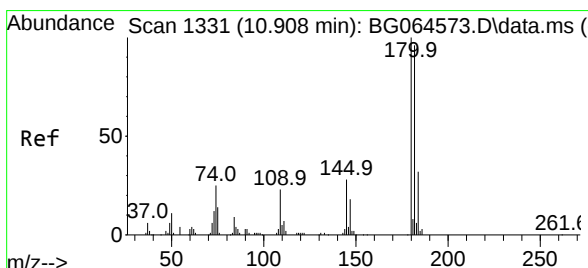
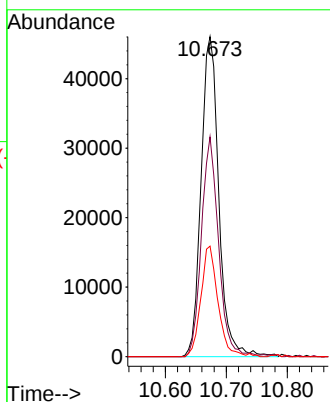
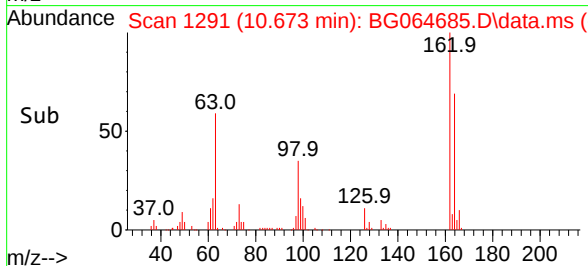
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



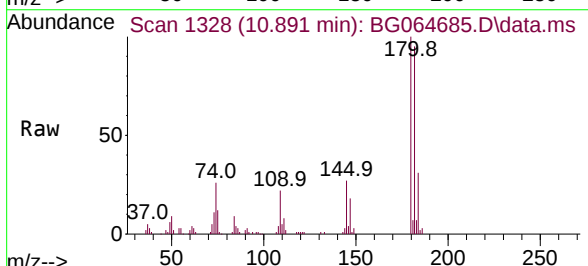
Tgt Ion:162 Resp: 92909
Ion Ratio Lower Upper
162 100
164 68.7 48.7 88.7
98 34.5 16.9 56.9

Manual Integrations
APPROVED

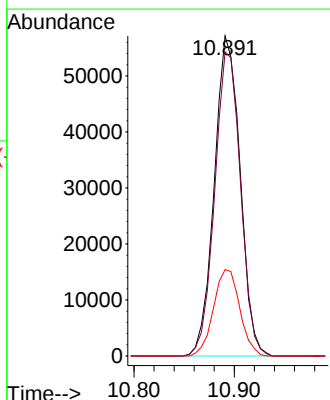
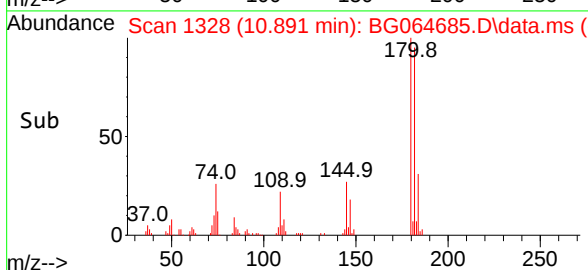
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

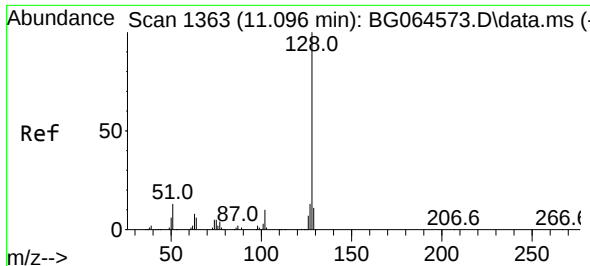


#30
1,2,4-Trichlorobenzene
Concen: 45.985 ng
RT: 10.891 min Scan# 1328
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



Tgt Ion:180 Resp: 102059
Ion Ratio Lower Upper
180 100
182 95.0 76.9 115.3
145 27.0 22.1 33.1





#31
Naphthalene
Concen: 41.922 ng
RT: 11.085 min Scan# 1363
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

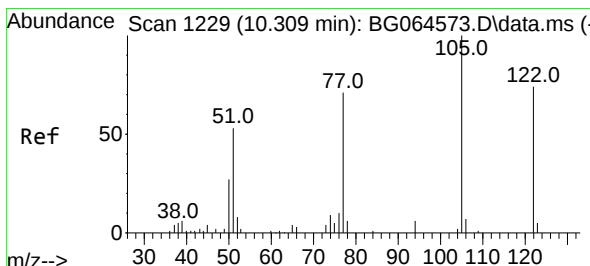
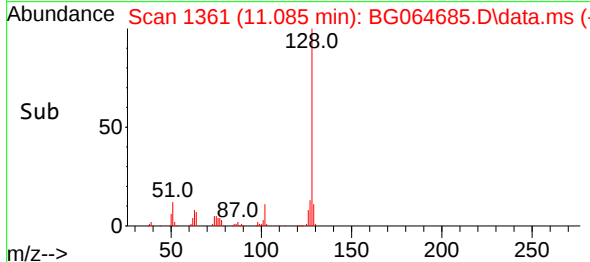
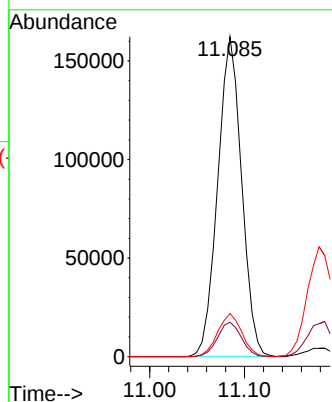
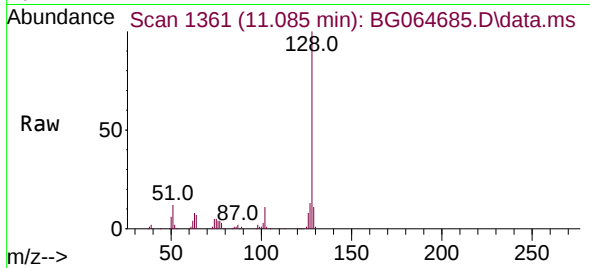
SSTDCCC040EC

Tgt Ion:128 Resp: 28388
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.6 15.8

Manual Integrations

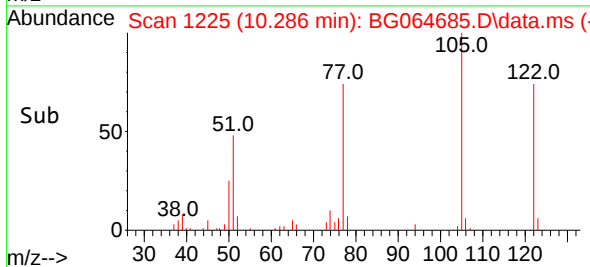
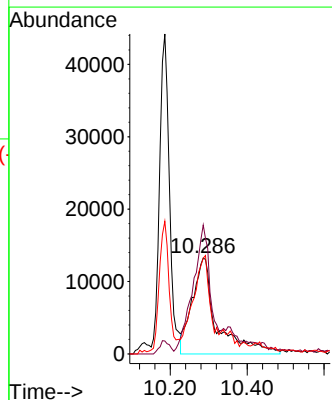
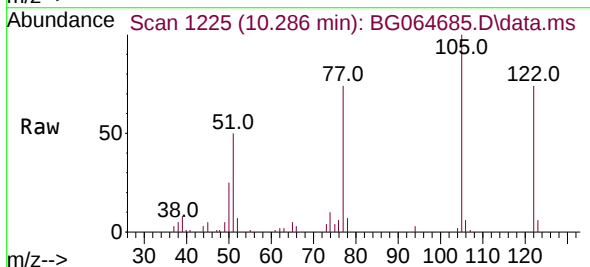
APPROVED

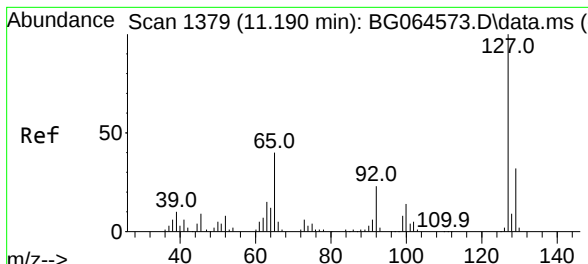
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 43.336 ng m
RT: 10.286 min Scan# 1225
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:122 Resp: 58994
Ion Ratio Lower Upper
122 100
105 134.6 104.2 144.2
77 100.0 70.2 110.2





#33
4-Chloroaniline
Concen: 41.102 ng
RT: 11.179 min Scan# 1377
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

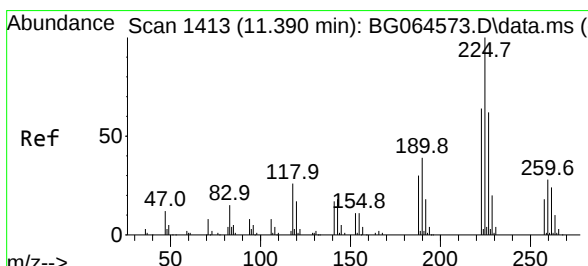
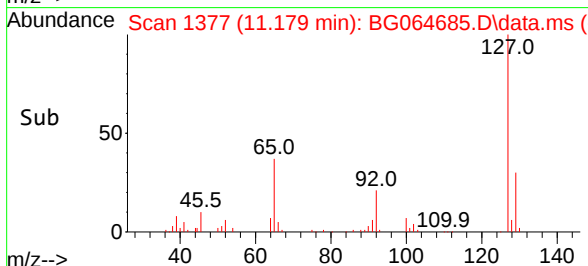
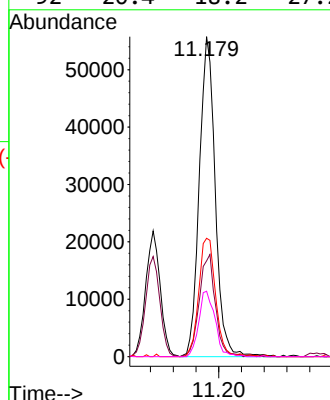
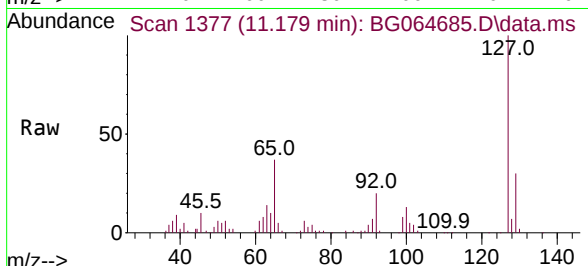
SSTDCCC040EC

Tgt Ion:127 Resp: 10818
Ion Ratio Lower Upper
127 100
129 29.9 25.5 38.3
65 37.0 32.2 48.4
92 20.4 18.2 27.2

Manual Integrations

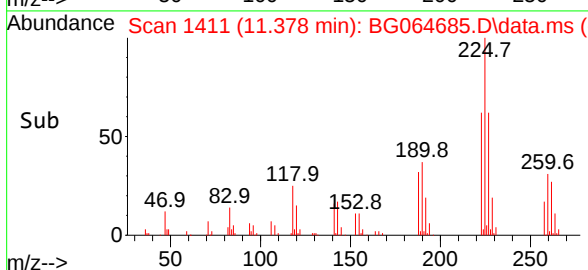
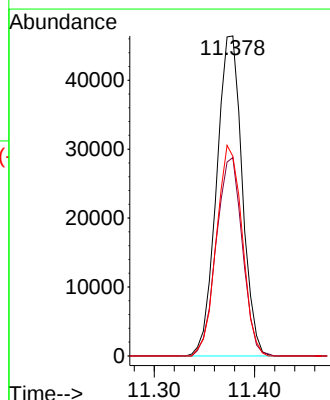
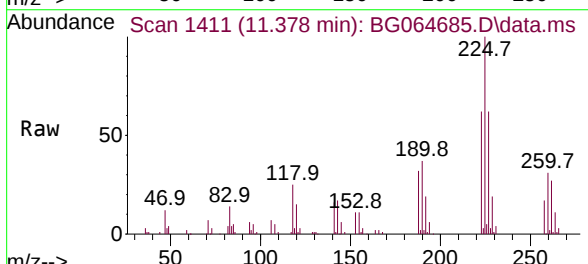
APPROVED

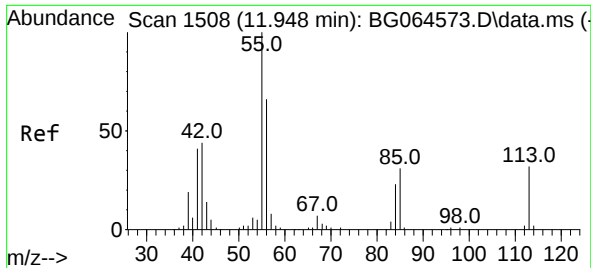
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 47.425 ng
RT: 11.378 min Scan# 1411
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:225 Resp: 82314
Ion Ratio Lower Upper
225 100
223 58.8 48.8 73.2
227 59.2 49.5 74.3





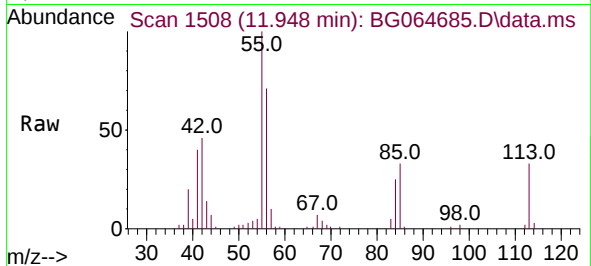
#35
Caprolactam
Concen: 35.795 ng
RT: 11.948 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

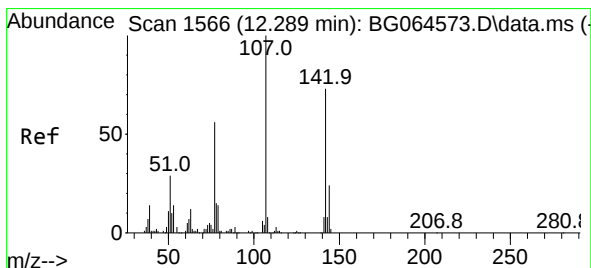
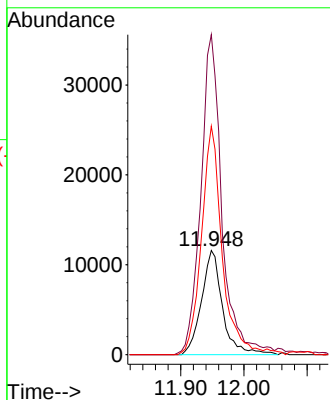
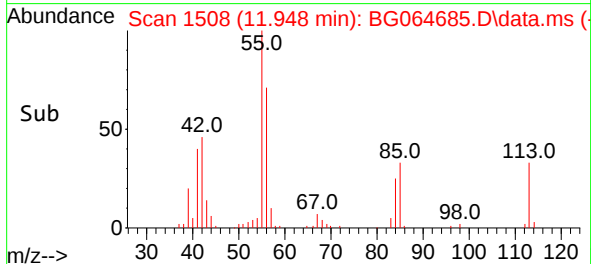


Tgt Ion:113 Resp: 26817
Ion Ratio Lower Upper
113 100
55 307.4 290.1 330.1
56 219.4 183.8 223.8

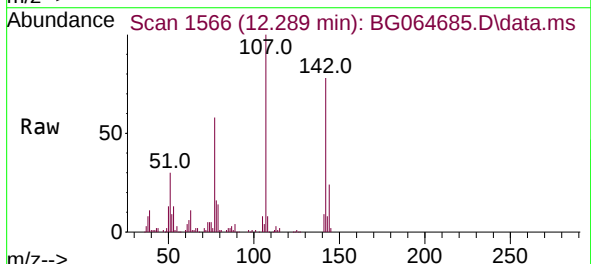
Manual Integrations

APPROVED

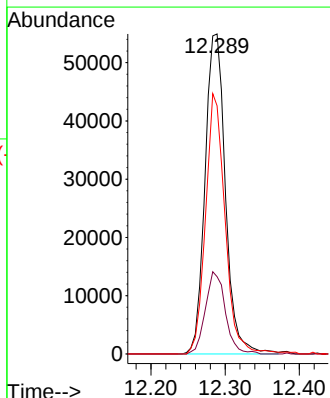
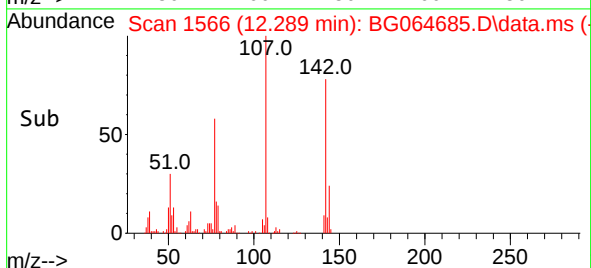
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

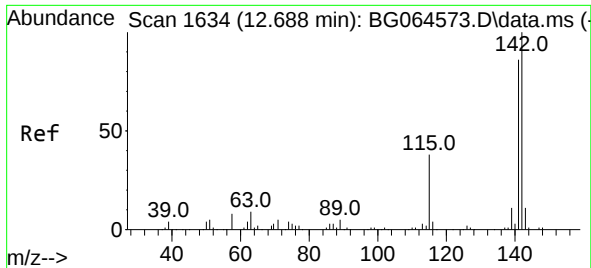


#36
4-Chloro-3-methylphenol
Concen: 44.685 ng
RT: 12.289 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



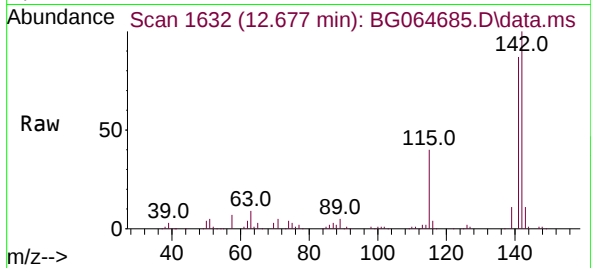
Tgt Ion:107 Resp: 104917
Ion Ratio Lower Upper
107 100
144 24.1 19.1 28.7
142 77.5 58.6 87.8





#37
2-Methylnaphthalene
Concen: 43.089 ng
RT: 12.677 min Scan# 1632
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

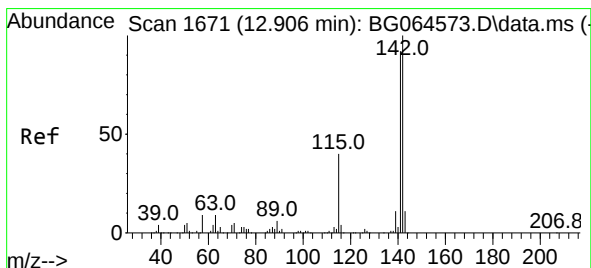
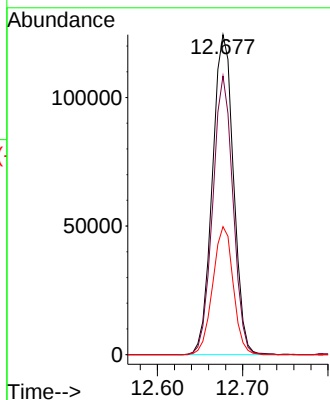
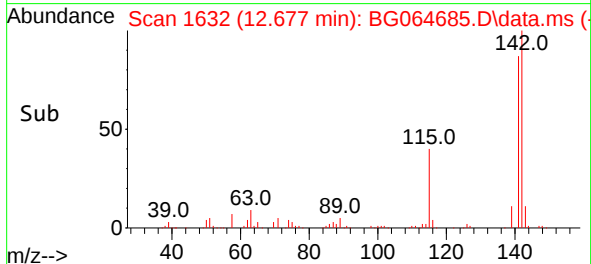
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



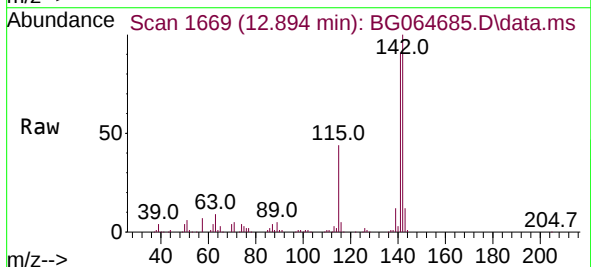
Tgt Ion:142 Resp: 214229
Ion Ratio Lower Upper
142 100
141 87.1 68.9 103.3
115 40.0 30.6 46.0

Manual Integrations
APPROVED

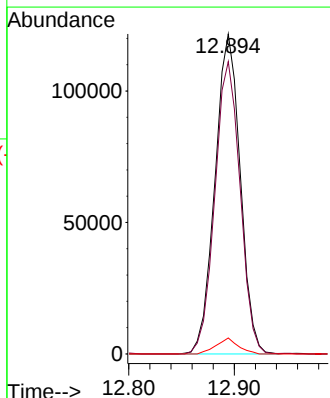
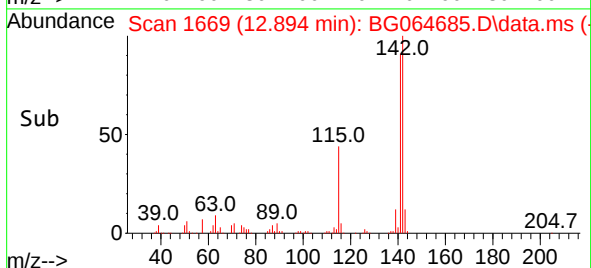
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

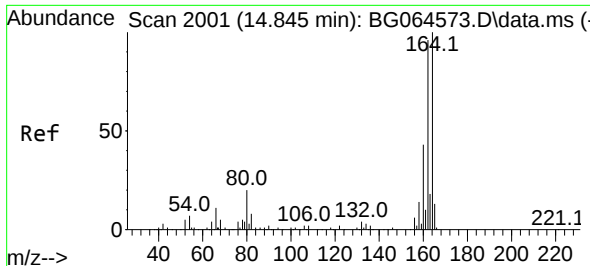


#38
1-Methylnaphthalene
Concen: 41.083 ng m
RT: 12.894 min Scan# 1669
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



Tgt Ion:142 Resp: 202203
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9
116 5.0 3.1 4.7#





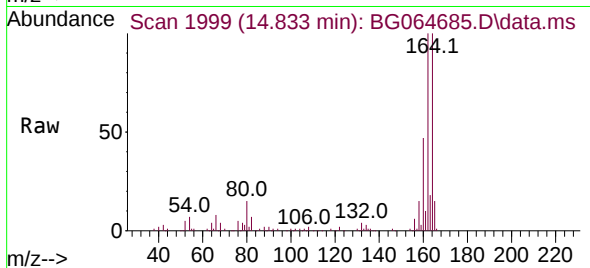
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

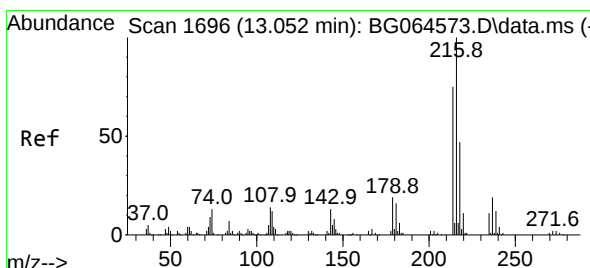
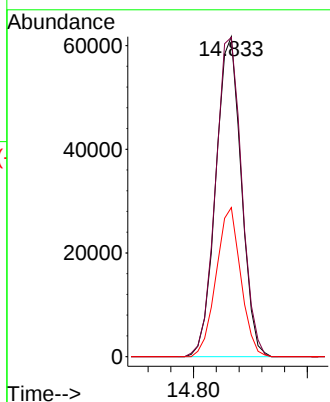
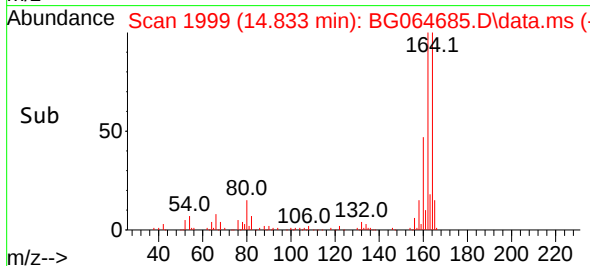


Tgt Ion:164 Resp: 95662
Ion Ratio Lower Upper
164 100
162 99.8 77.0 115.6
160 46.6 34.4 51.6

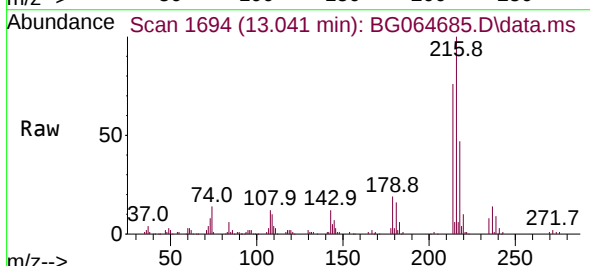
Manual Integrations

APPROVED

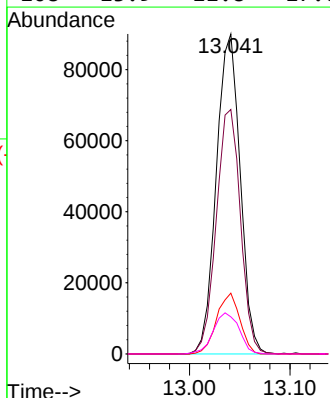
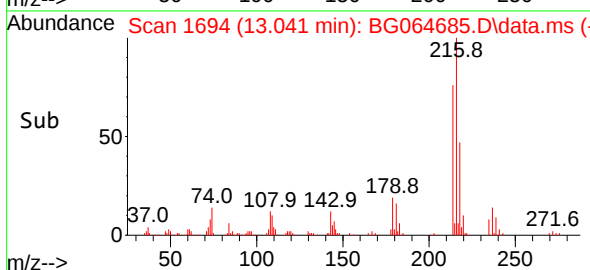
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

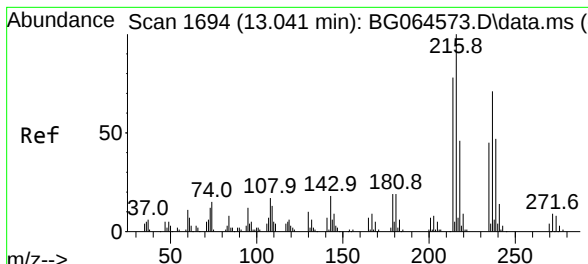


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.413 ng
RT: 13.041 min Scan# 1694
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



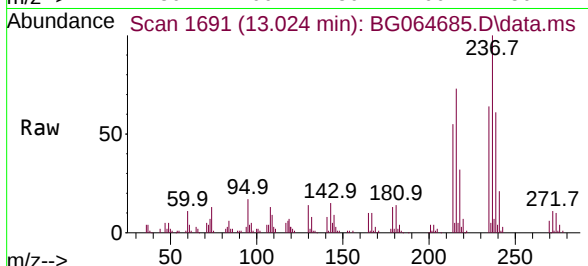
Tgt Ion:216 Resp: 149007
Ion Ratio Lower Upper
216 100
214 77.3 61.4 92.2
179 18.4 15.4 23.0
108 13.9 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 50.802 ng
RT: 13.024 min Scan# 1694
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

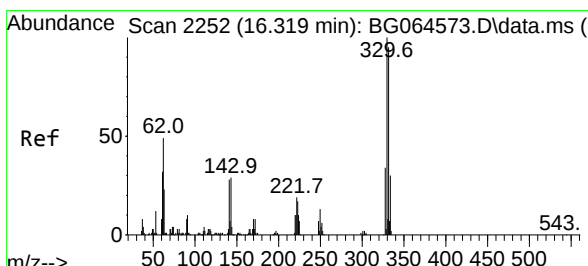
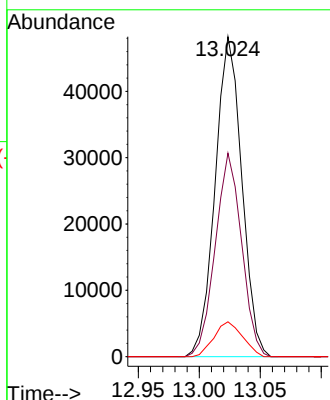
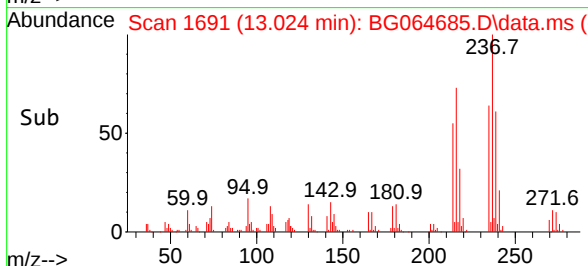
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



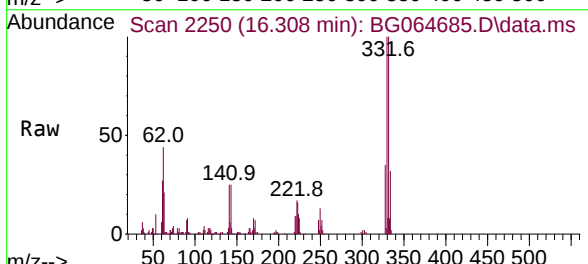
Tgt Ion:237 Resp: 73412
Ion Ratio Lower Upper
237 100
235 63.6 44.1 84.1
272 10.9 0.0 32.4

Manual Integrations
APPROVED

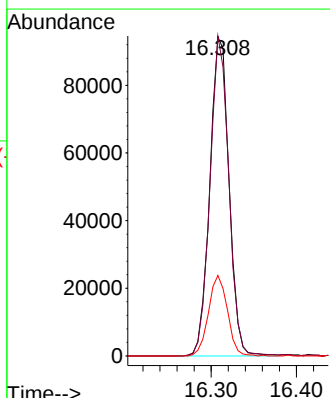
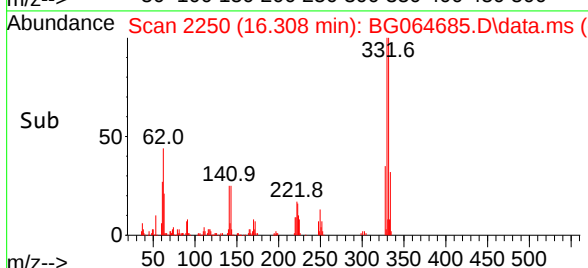
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

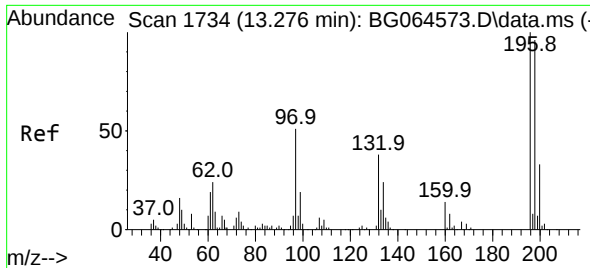


#42
2,4,6-Tribromophenol
Concen: 106.918 ng
RT: 16.308 min Scan# 2250
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



Tgt Ion:330 Resp: 147621
Ion Ratio Lower Upper
330 100
332 98.1 78.0 117.0
141 24.8 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 48.814 ng
RT: 13.270 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

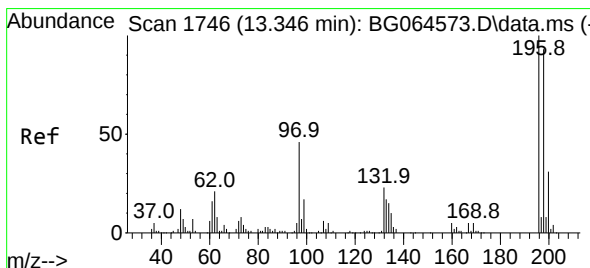
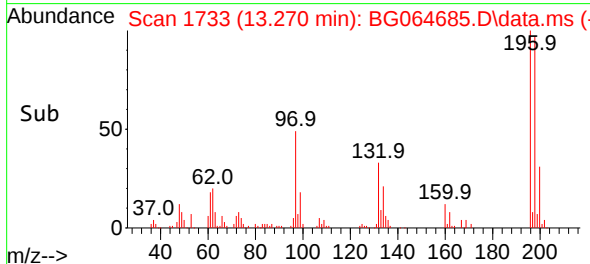
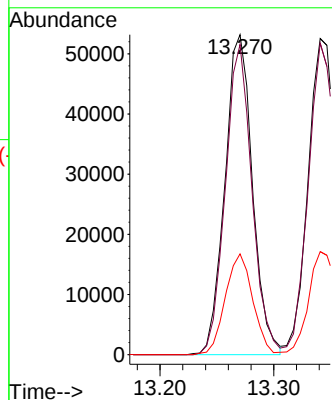
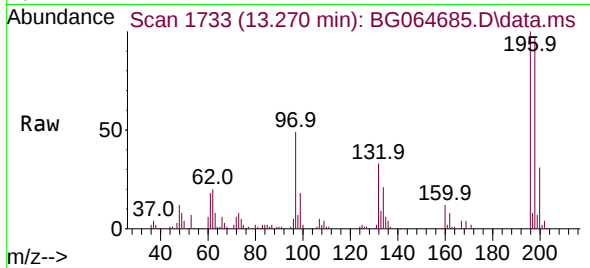
SSTDCCC040EC

Tgt Ion:196 Resp: 89643
Ion Ratio Lower Upper
196 100
198 96.9 76.6 115.0
200 31.5 26.0 39.0

Manual Integrations

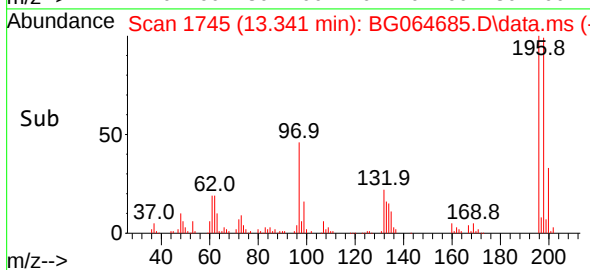
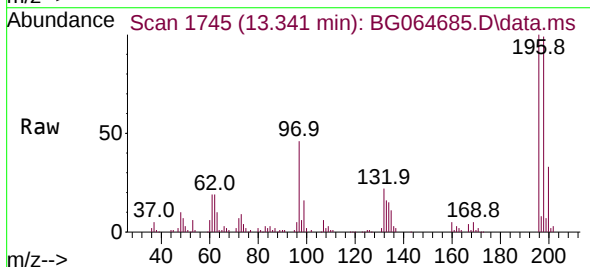
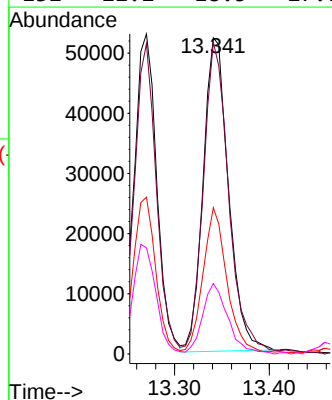
APPROVED

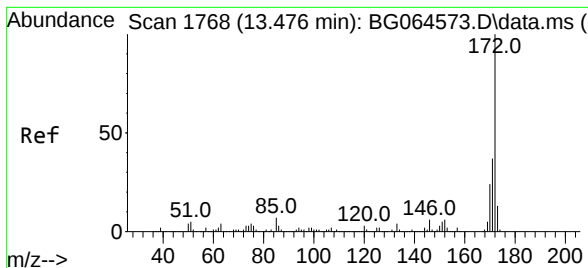
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#44
2,4,5-Trichlorophenol
Concen: 45.753 ng
RT: 13.341 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

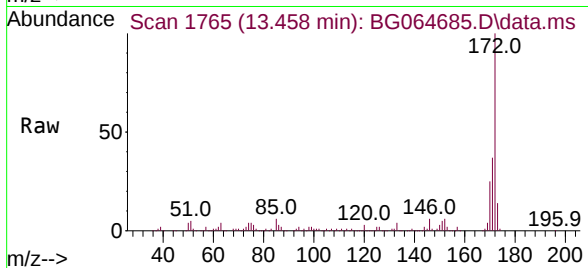
Tgt Ion:196 Resp: 96961
Ion Ratio Lower Upper
196 100
198 98.5 74.2 111.4
97 46.2 37.0 55.6
132 22.2 18.5 27.7





#45
2-Fluorobiphenyl
Concen: 87.430 ng
RT: 13.458 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

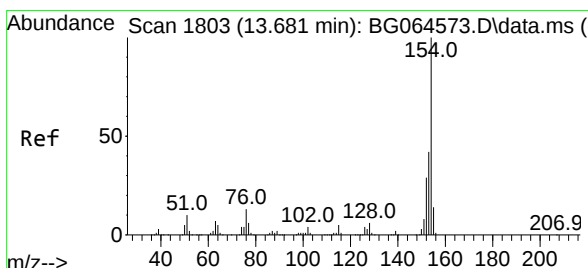
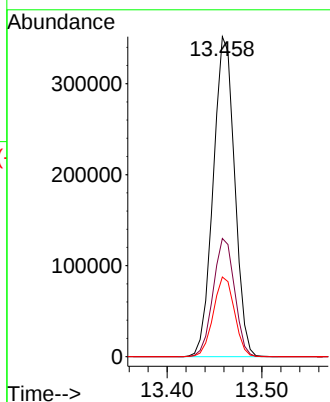
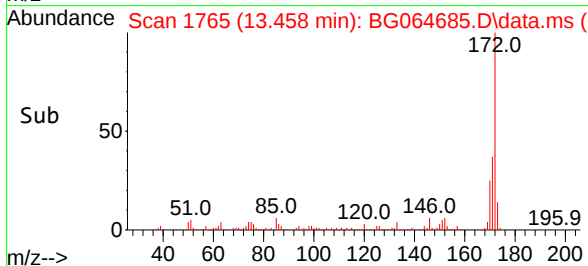
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



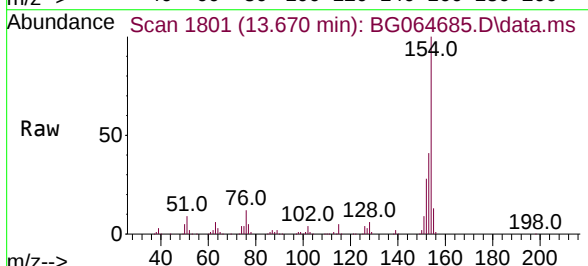
Tgt Ion:172 Resp: 551792
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.9 19.1 28.7

Manual Integrations
APPROVED

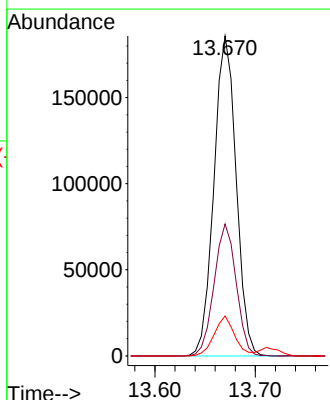
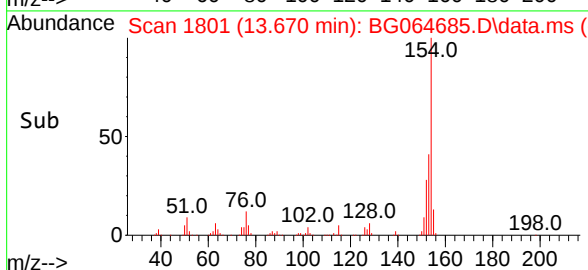
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

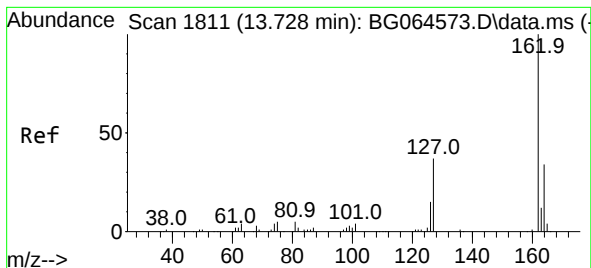


#46
1,1'-Biphenyl
Concen: 41.958 ng
RT: 13.670 min Scan# 1801
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



Tgt Ion:154 Resp: 285351
Ion Ratio Lower Upper
154 100
153 41.2 22.4 62.4
76 12.5 0.0 33.5





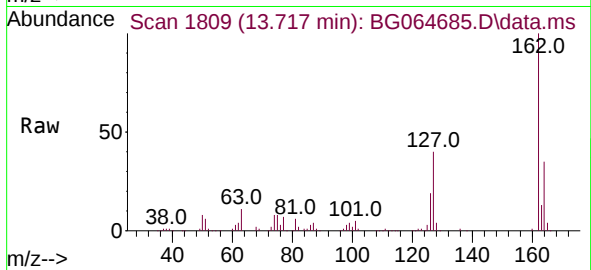
#47
2-Chloronaphthalene
Concen: 42.601 ng
RT: 13.717 min Scan# 1811
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

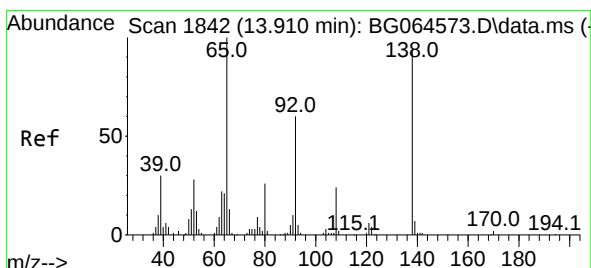
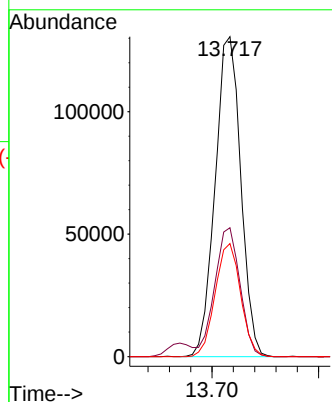
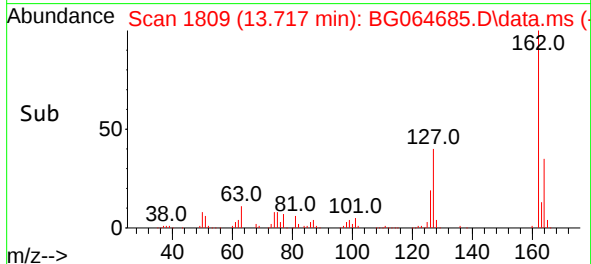


Tgt Ion:162 Resp: 218692
Ion Ratio Lower Upper
162 100
127 40.3 32.2 48.2
164 35.3 27.5 41.3

Manual Integrations

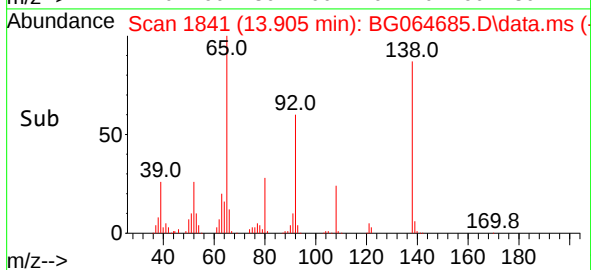
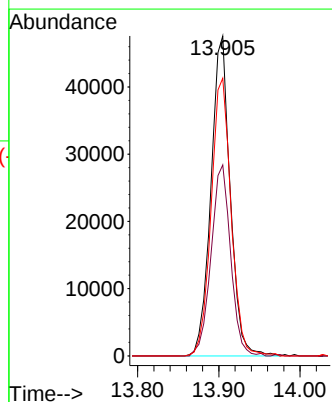
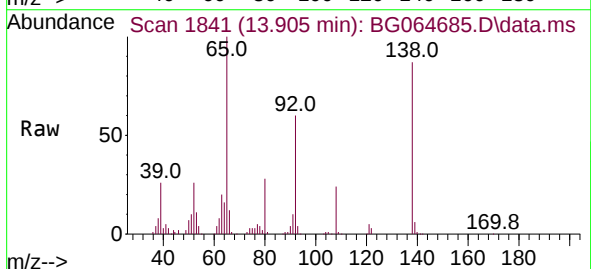
APPROVED

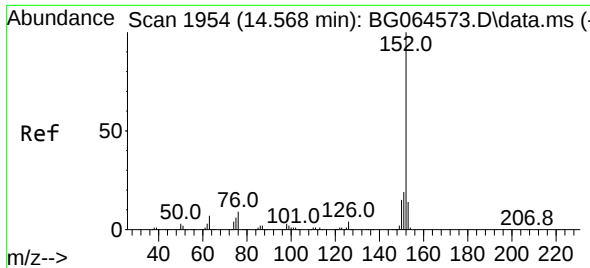
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#48
2-Nitroaniline
Concen: 45.634 ng
RT: 13.905 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion: 65 Resp: 78350
Ion Ratio Lower Upper
65 100
92 59.7 48.3 72.5
138 86.8 74.9 112.3





#49

Acenaphthylene

Concen: 42.673 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.011 min

Lab File: BG064685.D

Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:152 Resp: 34553

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.2

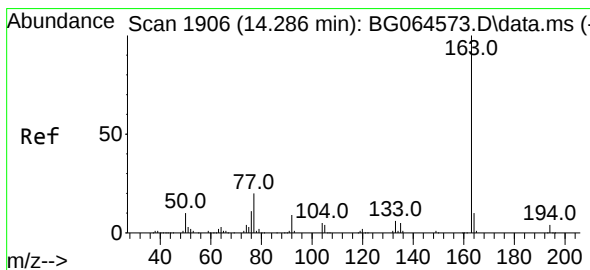
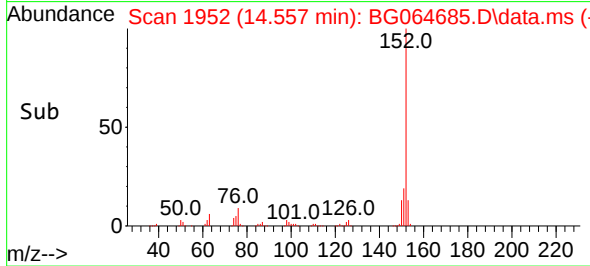
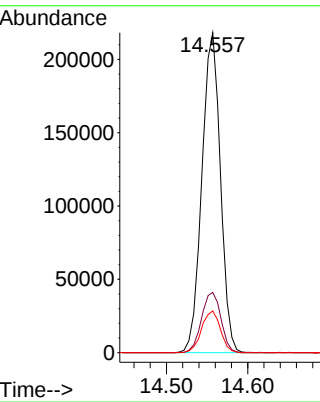
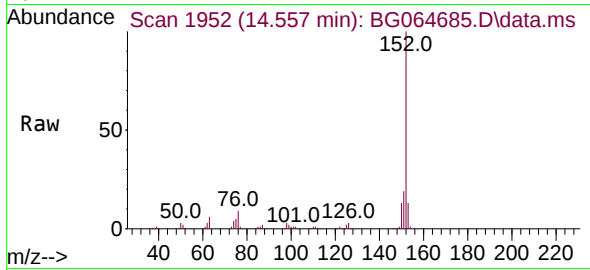
153 13.0 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025

Supervised By :mohammad ahmed 11/05/2025



#50

Dimethylphthalate

Concen: 42.293 ng

RT: 14.275 min Scan# 1904

Delta R.T. -0.011 min

Lab File: BG064685.D

Acq: 3 Nov 2025 23:27

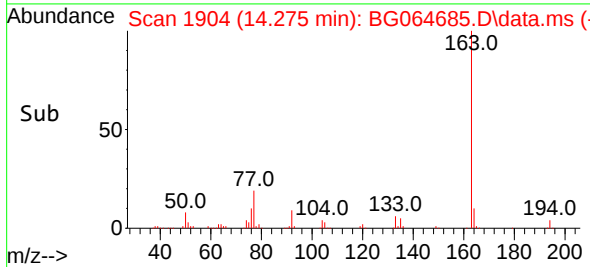
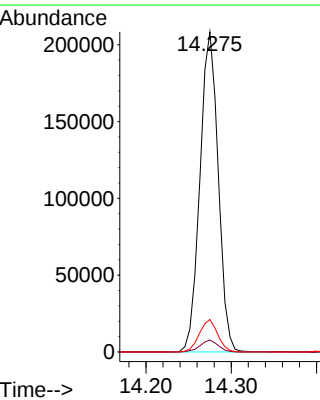
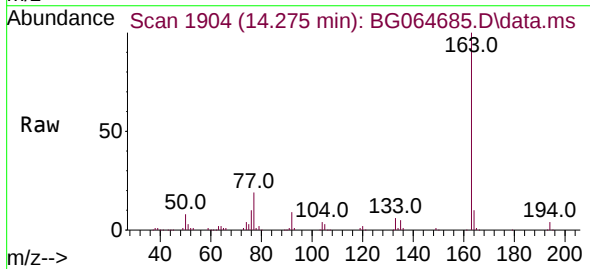
Tgt Ion:163 Resp: 309589

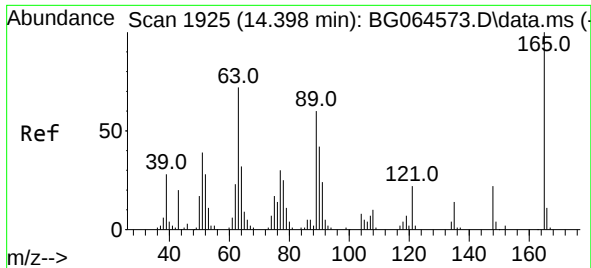
Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

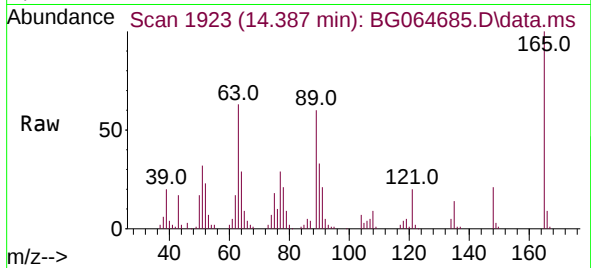
164 10.1 7.7 11.5





#51
2,6-Dinitrotoluene
Concen: 50.015 ng
RT: 14.387 min Scan# 1923
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

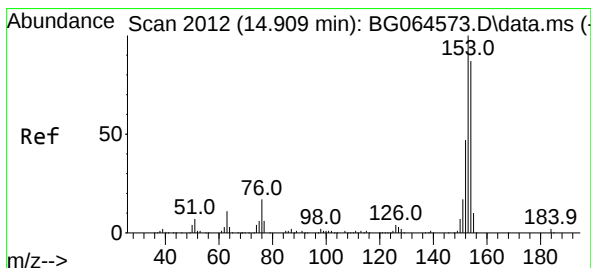
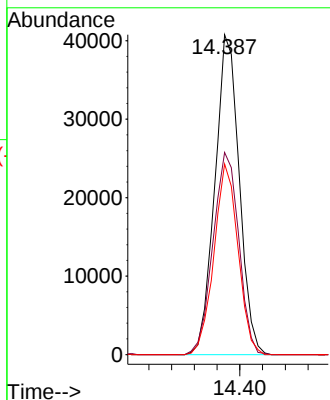
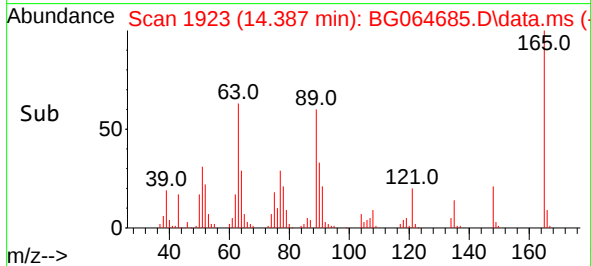
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 60583
Ion Ratio Lower Upper
165 100
63 63.2 57.4 86.0
89 59.6 47.8 71.8

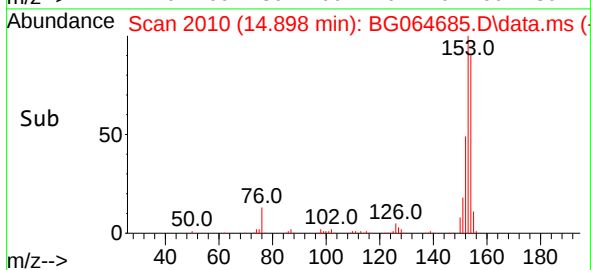
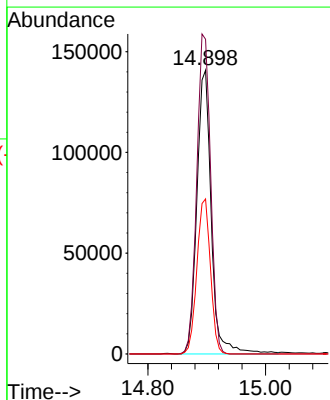
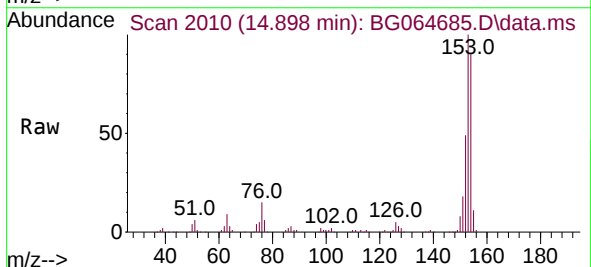
Manual Integrations
APPROVED

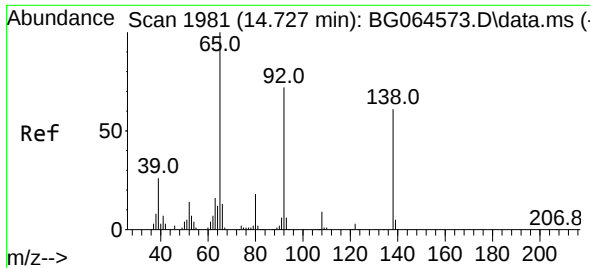
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 43.220 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

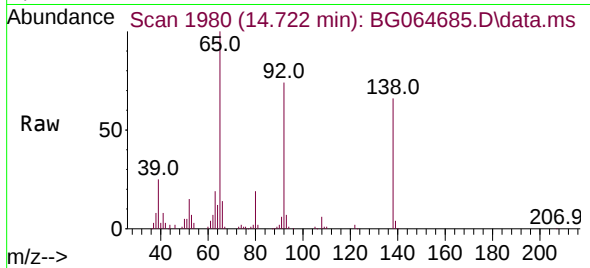
Tgt Ion:154 Resp: 239100
Ion Ratio Lower Upper
154 100
153 110.9 92.2 138.4
152 54.6 43.2 64.8





#53
3-Nitroaniline
Concen: 52.180 ng
RT: 14.722 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

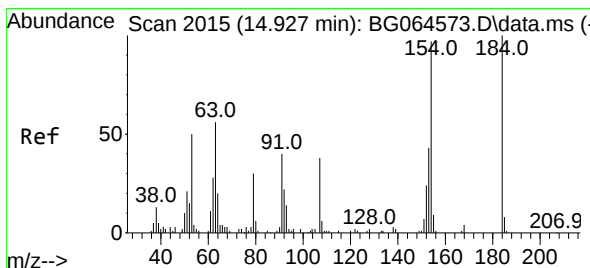
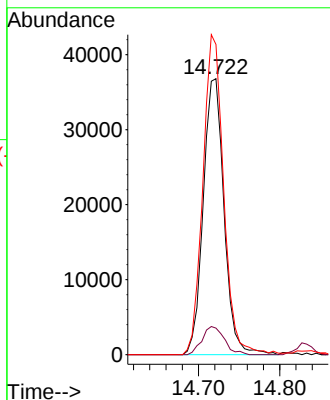
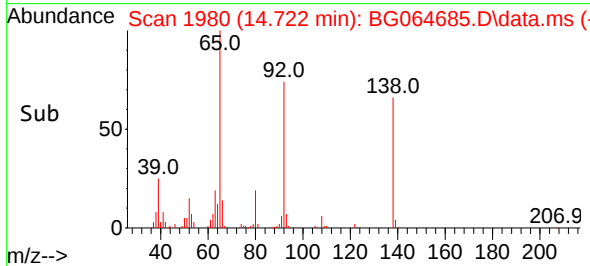
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:138 Resp: 65642
Ion Ratio Lower Upper
138 100
108 9.6 11.4 17.0#
92 112.4 95.3 142.9

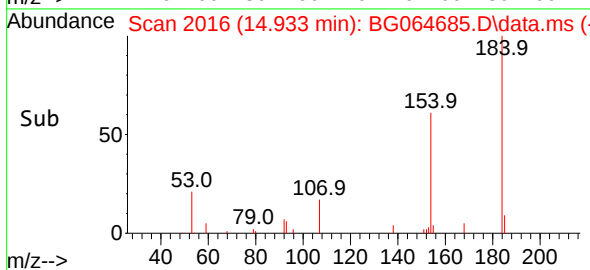
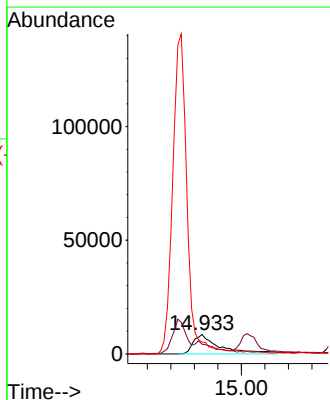
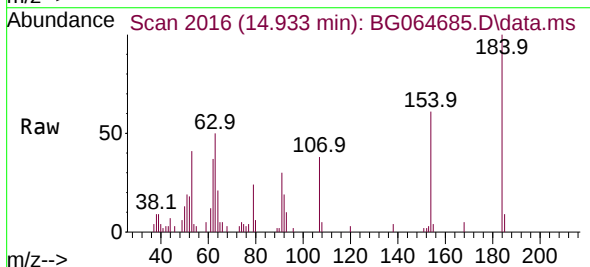
Manual Integrations
APPROVED

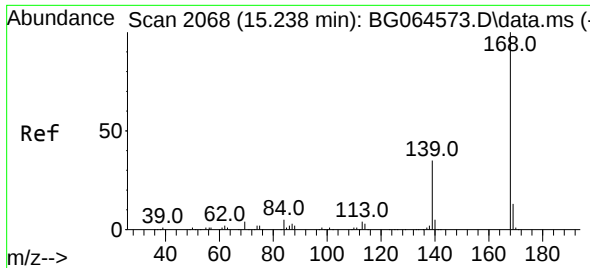
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 39.260 ng
RT: 14.933 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

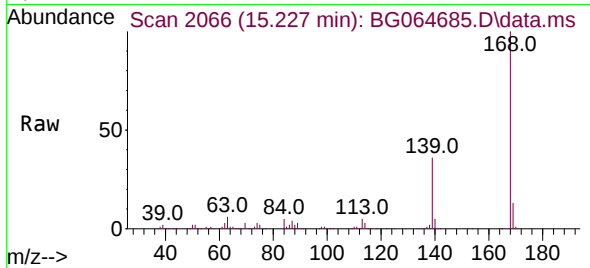
Tgt Ion:184 Resp: 26837
Ion Ratio Lower Upper
184 100
63 49.5 56.6 85.0#
154 60.6 158.6 238.0#





#55
Dibenzenofuran
Concen: 42.605 ng
RT: 15.227 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

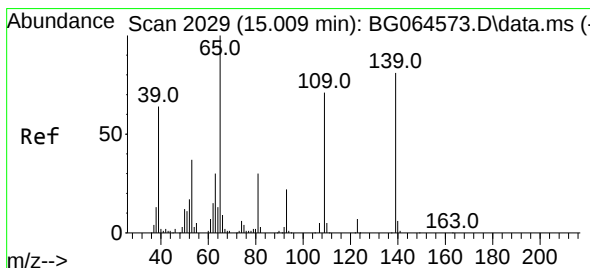
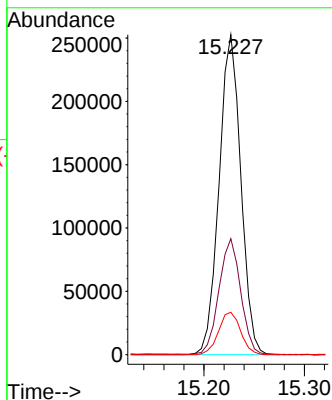
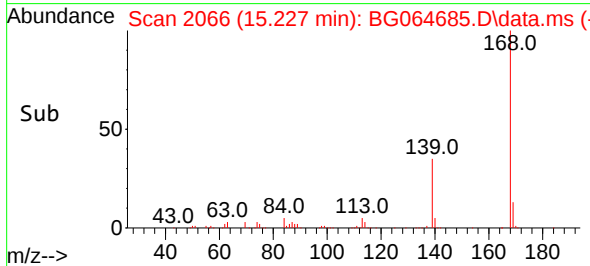
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 381052
Ion Ratio Lower Upper
168 100
139 36.2 27.8 41.8
169 13.2 10.3 15.5

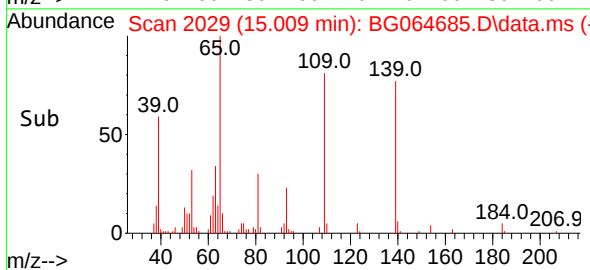
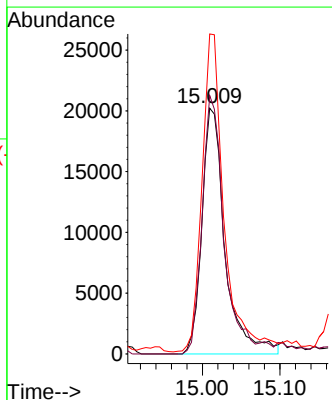
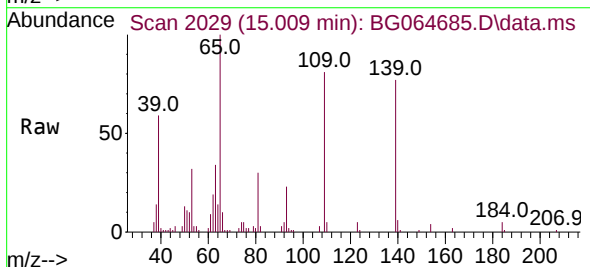
Manual Integrations
APPROVED

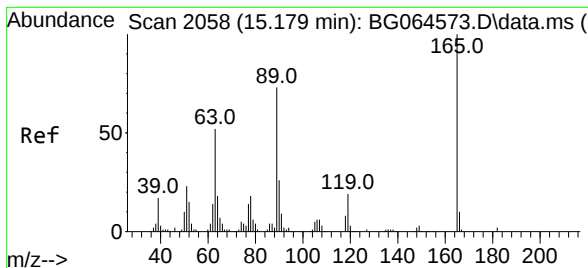
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 35.944 ng
RT: 15.009 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

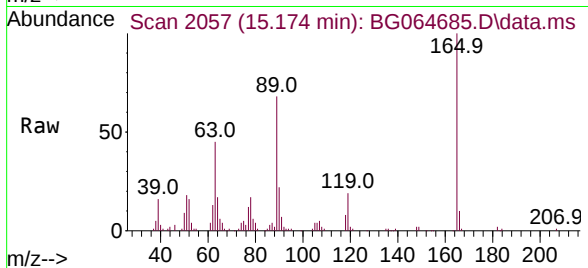
Tgt Ion:139 Resp: 41923
Ion Ratio Lower Upper
139 100
109 105.1 67.8 107.8
65 130.2 103.7 143.7





#57
2,4-Dinitrotoluene
Concen: 49.650 ng
RT: 15.174 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

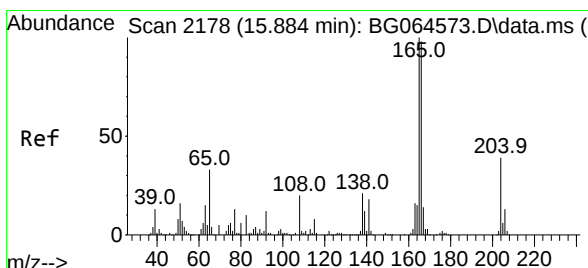
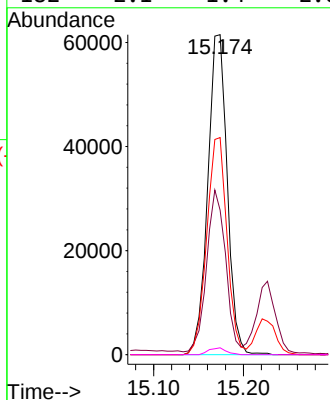
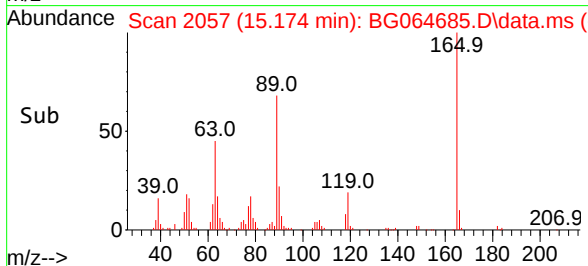
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



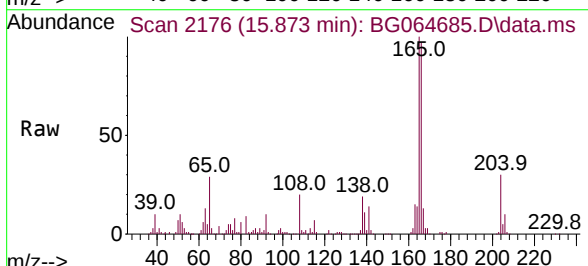
Tgt Ion:165 Resp: 92929
Ion Ratio Lower Upper
165 100
63 45.1 41.8 62.8
89 67.8 58.1 87.1
182 2.1 1.4 2.0#

Manual Integrations
APPROVED

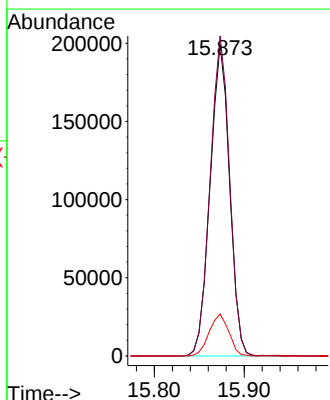
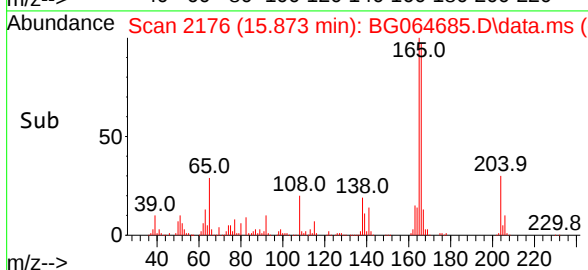
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

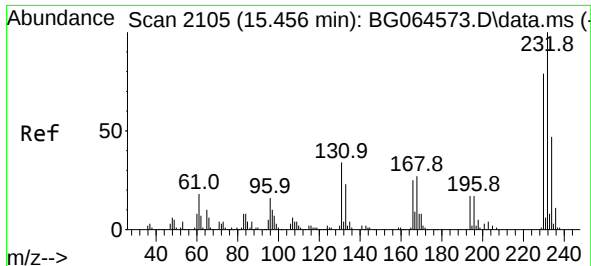


#58
Fluorene
Concen: 42.797 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



Tgt Ion:166 Resp: 298932
Ion Ratio Lower Upper
166 100
165 102.7 81.5 122.3
167 13.4 11.4 17.0





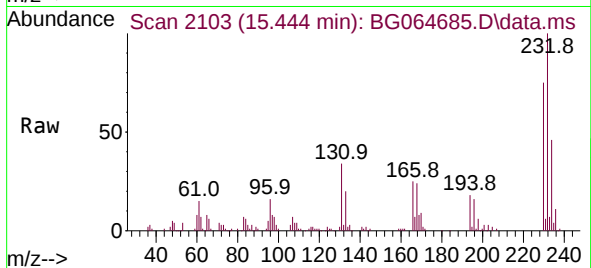
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.949 ng
RT: 15.444 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

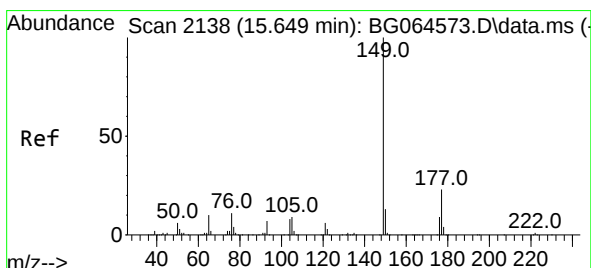
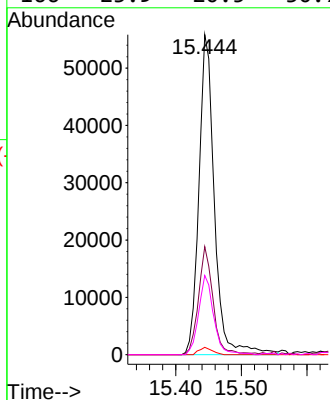
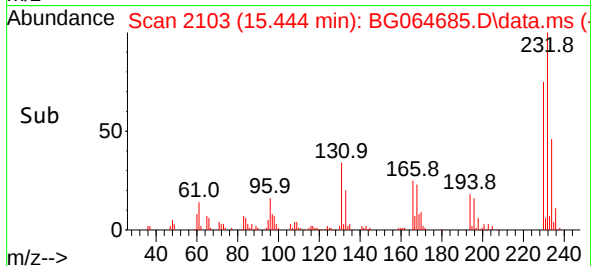


Tgt Ion:232 Resp: 91089
Ion Ratio Lower Upper
232 100
131 31.8 26.7 40.1
130 1.9 1.6 2.4
166 23.9 20.5 30.7

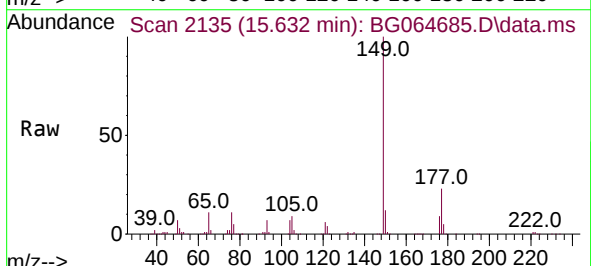
Manual Integrations

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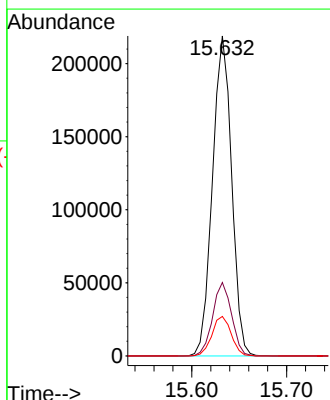
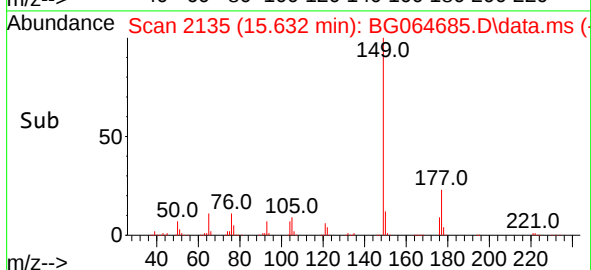
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

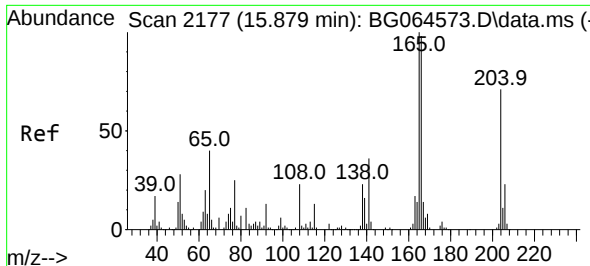


#60
Diethylphthalate
Concen: 41.099 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



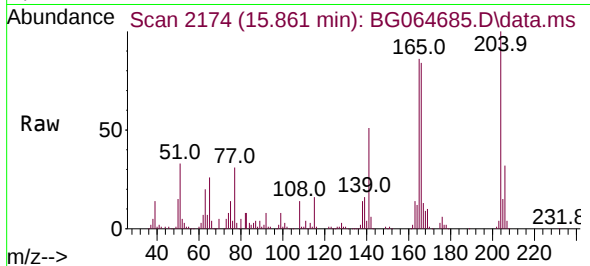
Tgt Ion:149 Resp: 307182
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.937 ng
RT: 15.861 min Scan# 2174
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

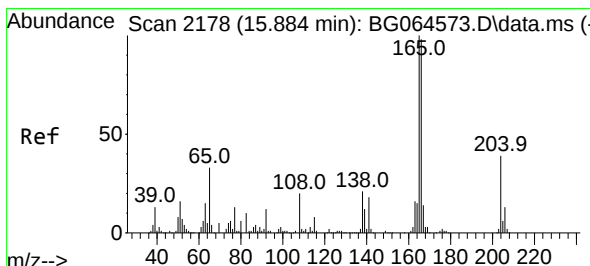
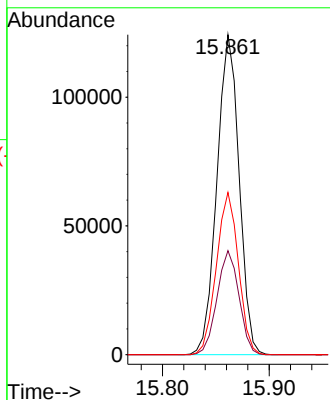
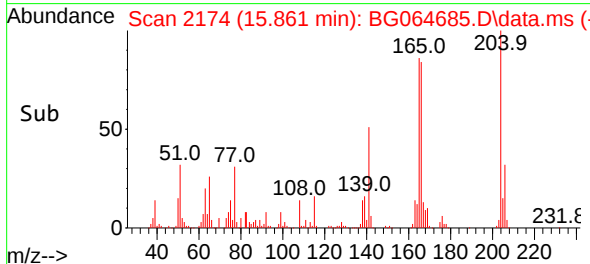
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



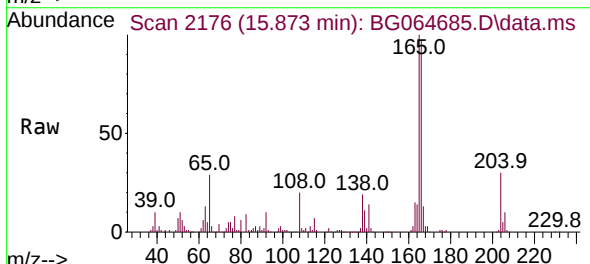
Tgt Ion:204 Resp: 180066
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 50.7 40.6 60.8

Manual Integrations
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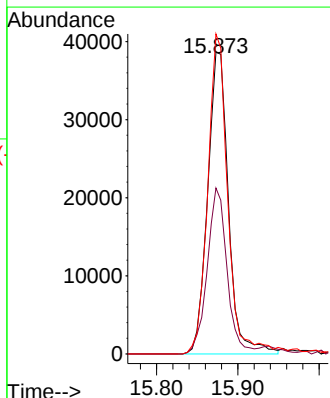
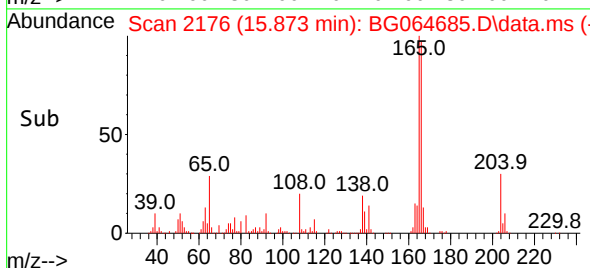
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

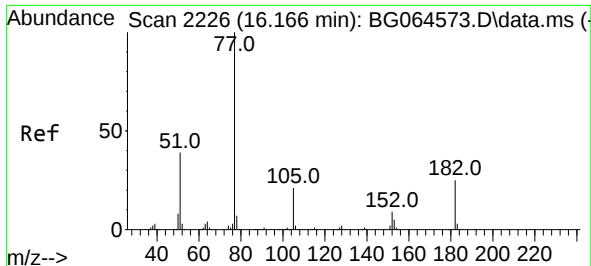


#62
4-Nitroaniline
Concen: 49.189 ng
RT: 15.873 min Scan# 2176
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



Tgt Ion:138 Resp: 68841
Ion Ratio Lower Upper
138 100
92 55.0 36.1 76.1
108 106.0 75.6 115.6





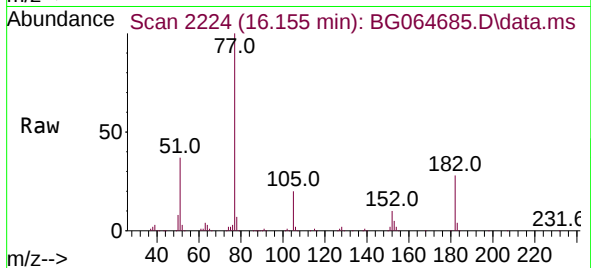
#63
Azobenzene
Concen: 39.242 ng
RT: 16.155 min Scan# 2224
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

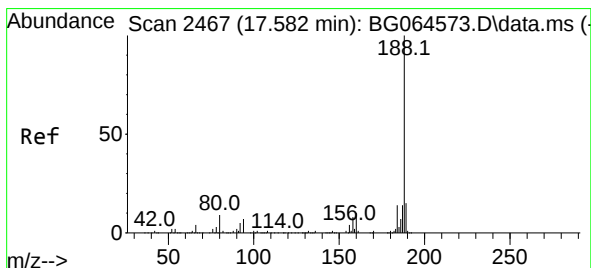
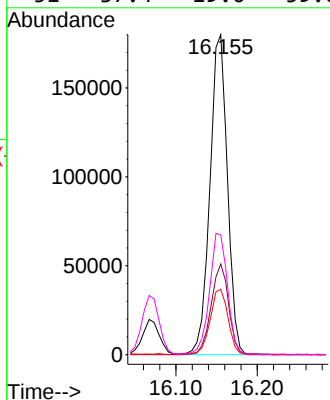
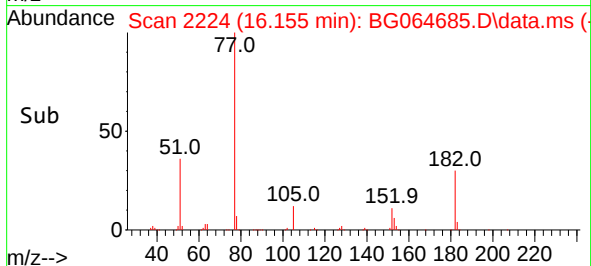


Tgt Ion: 77 Resp: 269112
Ion Ratio Lower Upper
77 100
182 28.3 4.9 44.9
105 20.4 1.3 41.3
51 37.4 19.0 59.0

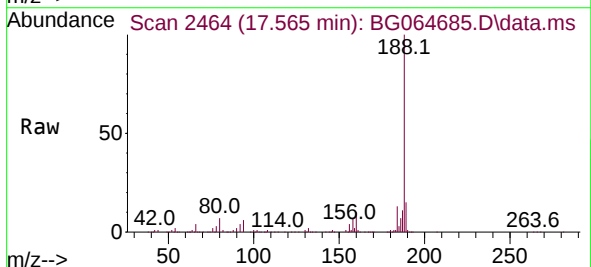
Manual Integrations

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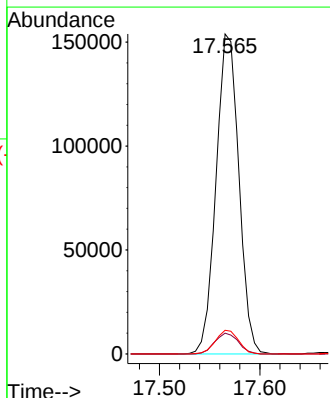
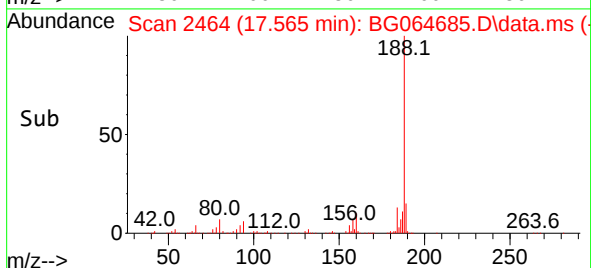
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

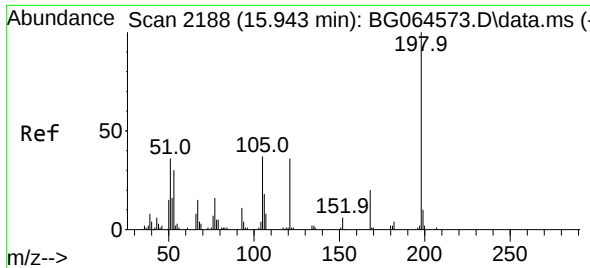


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.565 min Scan# 2464
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



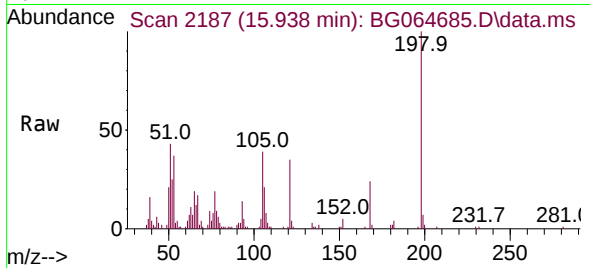
Tgt Ion:188 Resp: 243103
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 7.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 51.966 ng
RT: 15.938 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

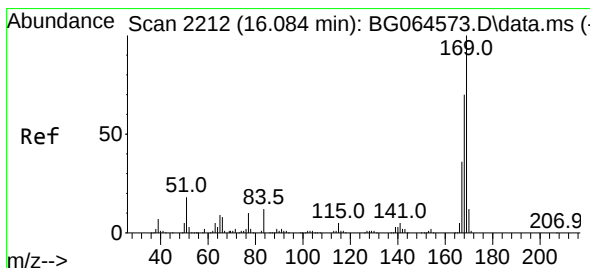
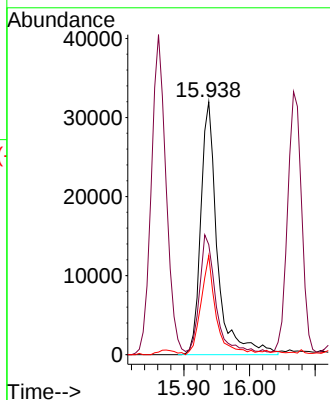
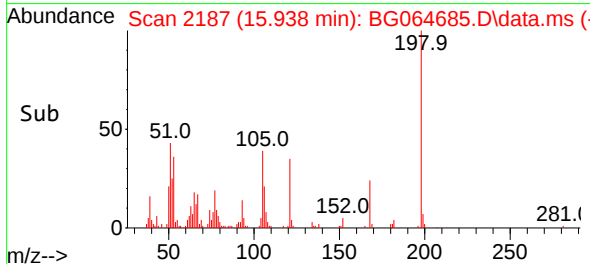
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



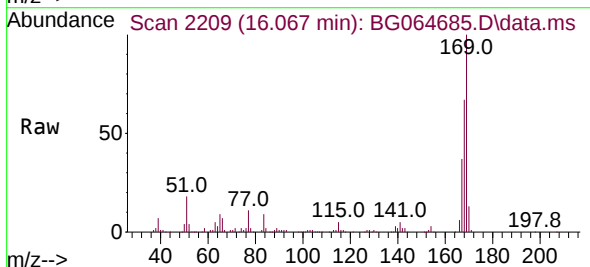
Tgt Ion:198 Resp: 56131
Ion Ratio Lower Upper
198 100
51 43.5 24.7 64.7
105 39.2 18.0 58.0

Manual Integrations
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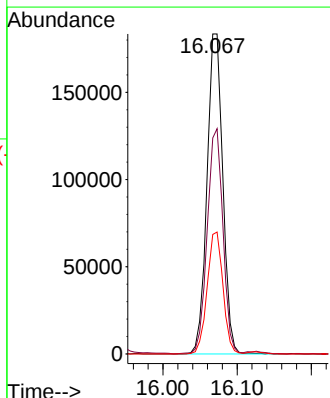
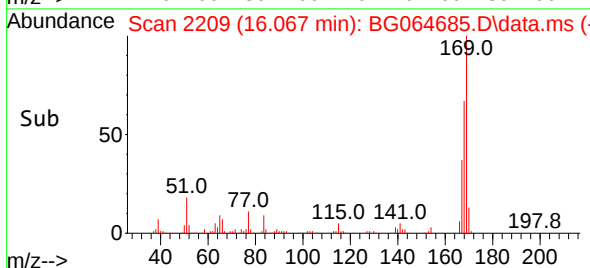
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

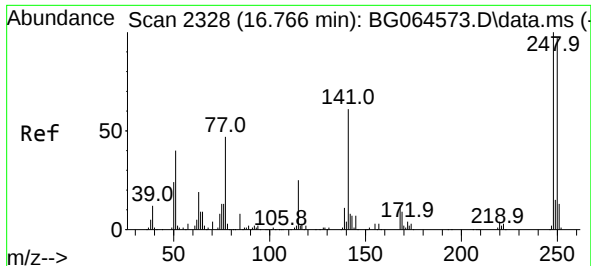


#66
n-Nitrosodiphenylamine
Concen: 41.330 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



Tgt Ion:169 Resp: 271409
Ion Ratio Lower Upper
169 100
168 67.5 56.3 84.5
167 37.3 29.0 43.6





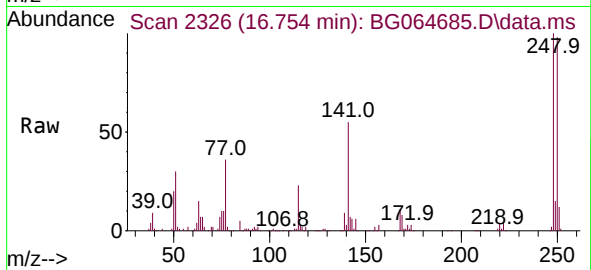
#67
4-Bromophenyl-phenylether
Concen: 45.424 ng
RT: 16.754 min Scan# 2326
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

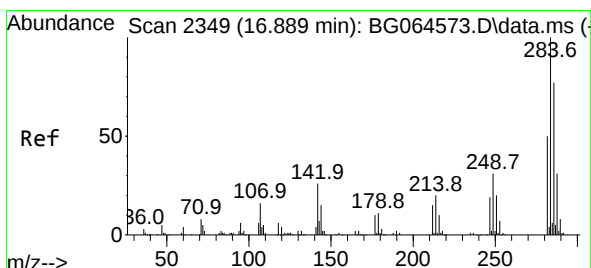
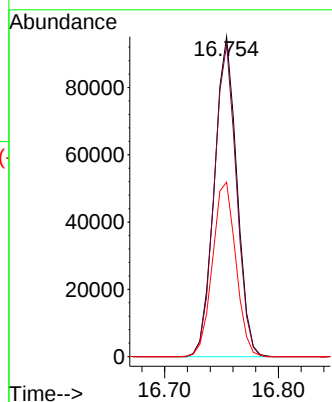
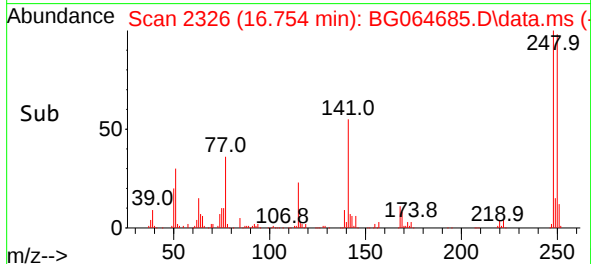


Tgt Ion:248 Resp: 130859
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 54.5 48.6 72.8

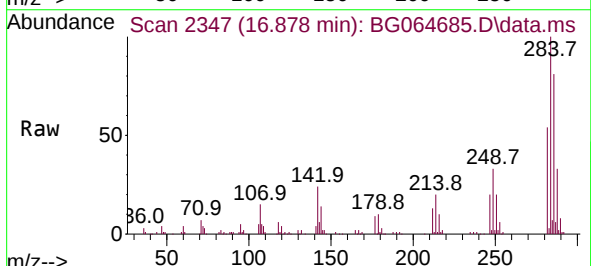
Manual Integrations

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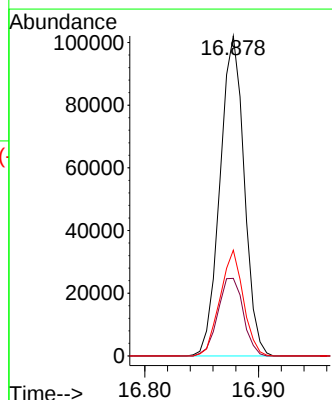
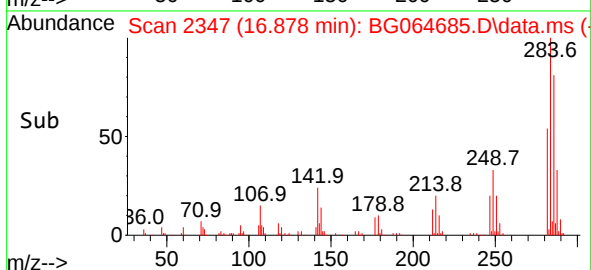
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

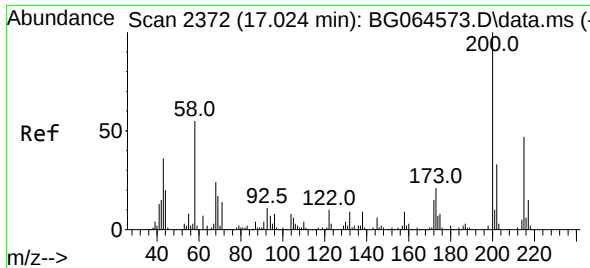


#68
Hexachlorobenzene
Concen: 45.854 ng
RT: 16.878 min Scan# 2347
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27



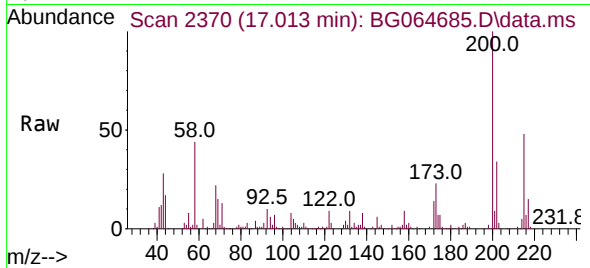
Tgt Ion:284 Resp: 150702
Ion Ratio Lower Upper
284 100
142 24.2 21.0 31.6
249 35.2 24.9 37.3





#69
 Atrazine
 Concen: 41.377 ng
 RT: 17.013 min Scan# 2372
 Delta R.T. -0.011 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

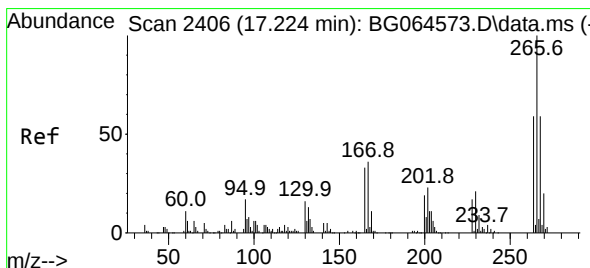
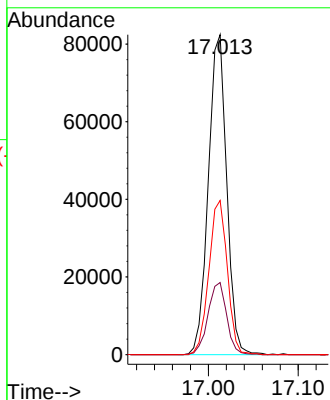
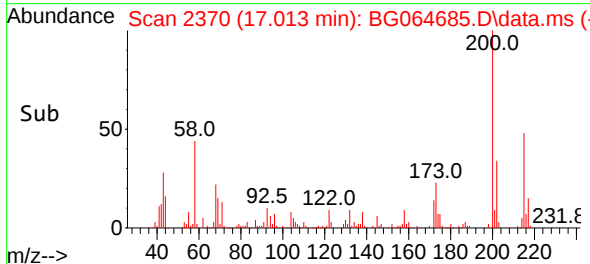
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC



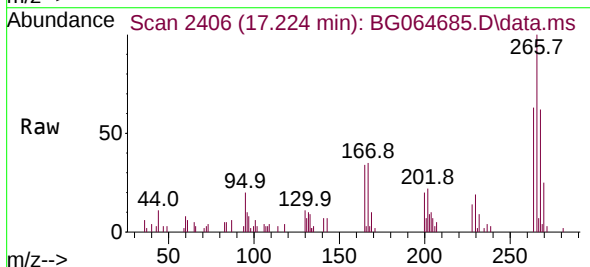
Tgt Ion:200 Resp: 116929
 Ion Ratio Lower Upper
 200 100
 173 22.5 0.9 40.9
 215 48.2 27.0 67.0

Manual Integrations
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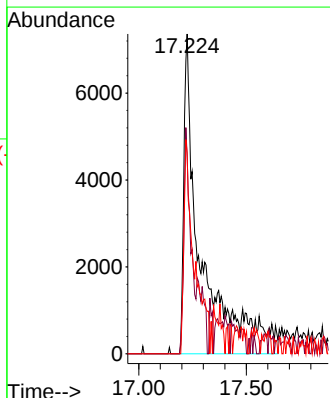
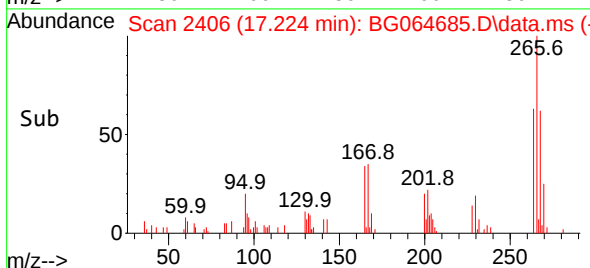
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

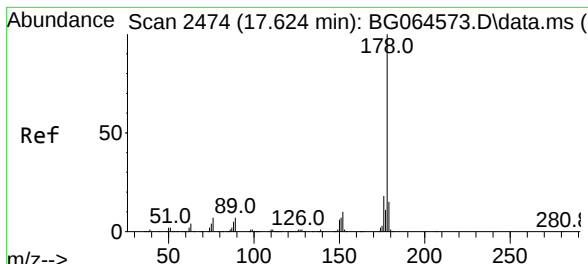


#70
 Pentachlorophenol
 Concen: 20.281 ng m
 RT: 17.224 min Scan# 2406
 Delta R.T. 0.000 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27



Tgt Ion:266 Resp: 41566
 Ion Ratio Lower Upper
 266 100
 268 61.6 50.3 75.5
 264 62.8 47.3 70.9





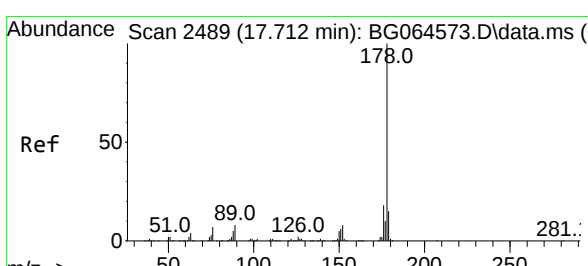
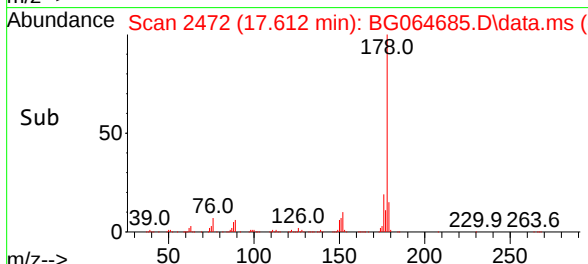
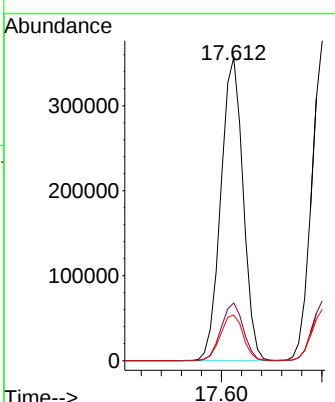
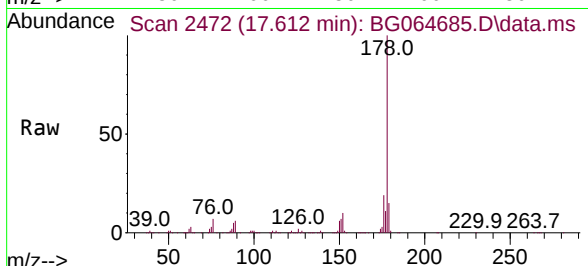
#71
 Phenanthrene
 Concen: 41.220 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. -0.011 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Instrument : BNA_G
 ClientSampleId : SSTDCCC040EC

Tgt Ion:178 Resp: 547994

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.0	12.2	18.4

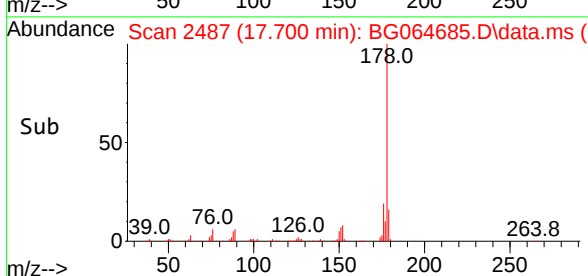
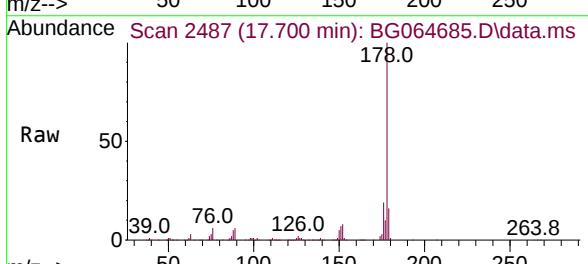
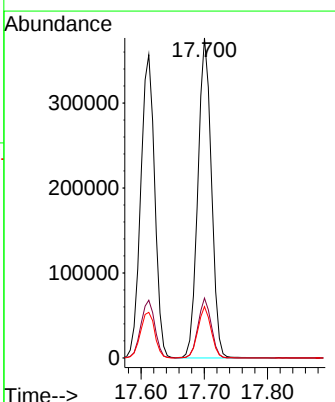
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

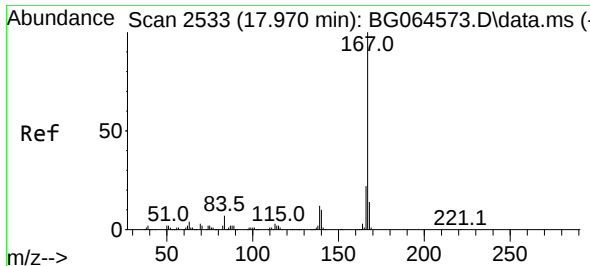


#72
 Anthracene
 Concen: 41.331 ng
 RT: 17.700 min Scan# 2487
 Delta R.T. -0.011 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Tgt Ion:178 Resp: 558940

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.4	21.6
179	16.0	12.4	18.6





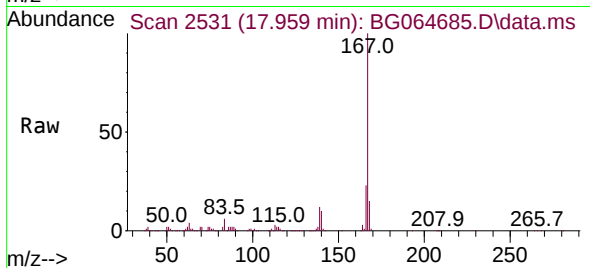
#73
 Carbazole
 Concen: 40.268 ng
 RT: 17.959 min Scan# 2531
 Delta R.T. -0.011 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

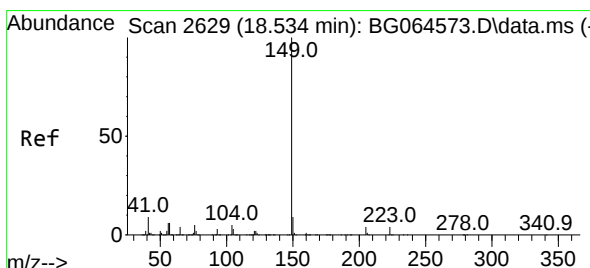
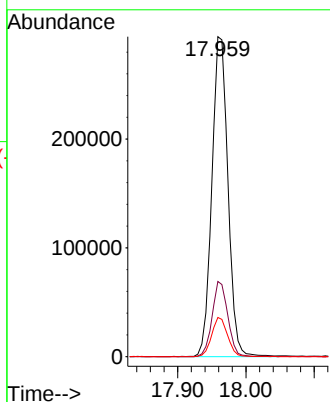
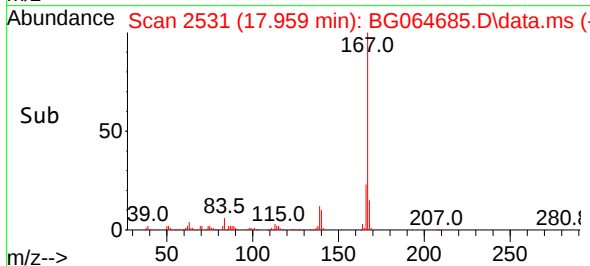


Tgt Ion:167 Resp: 480205
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.9 26.9
 139 12.2 9.7 14.5

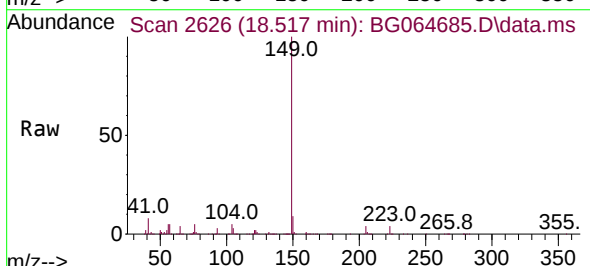
Manual Integrations

APPROVED

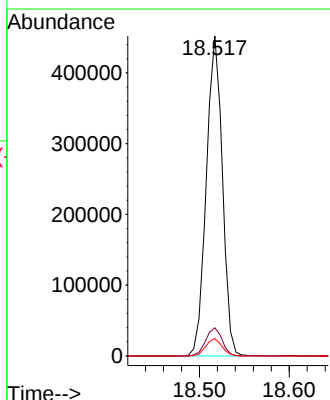
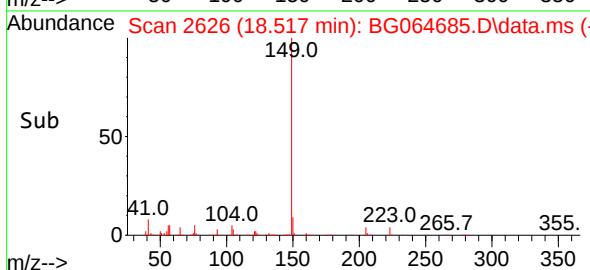
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

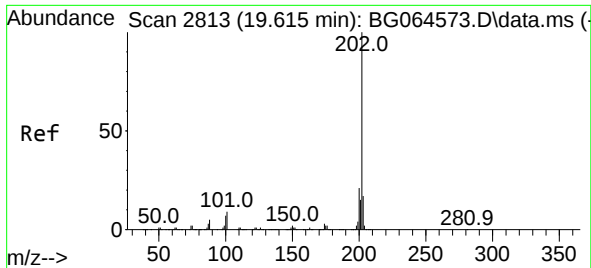


#74
 Di-n-butylphthalate
 Concen: 40.728 ng
 RT: 18.517 min Scan# 2626
 Delta R.T. -0.017 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27



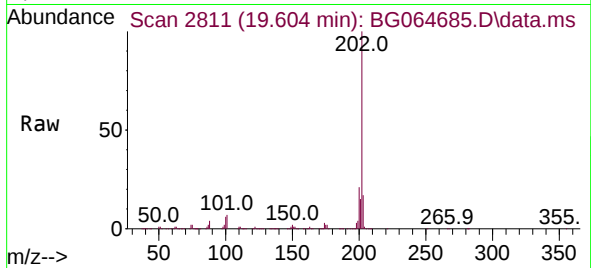
Tgt Ion:149 Resp: 561642
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 42.825 ng
RT: 19.604 min Scan# 2811
Delta R.T. -0.011 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

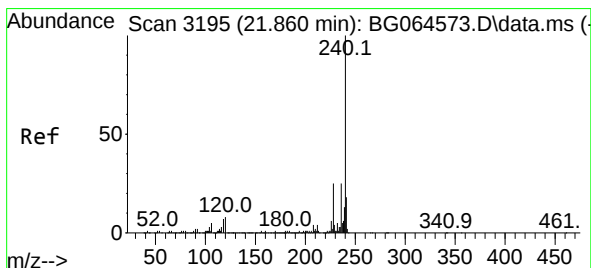
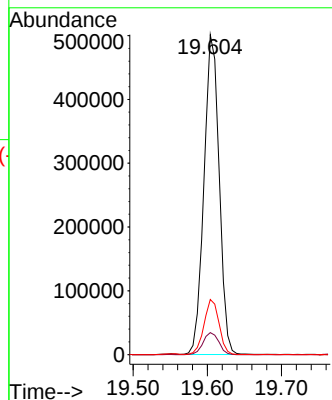
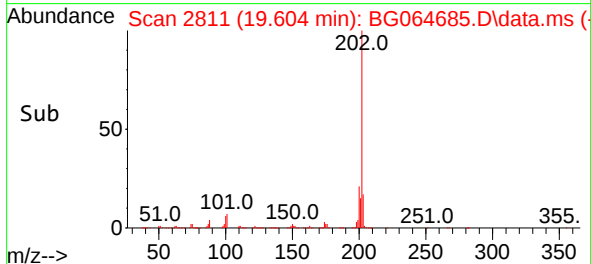
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 713230
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.7
203 17.2 0.0 37.0

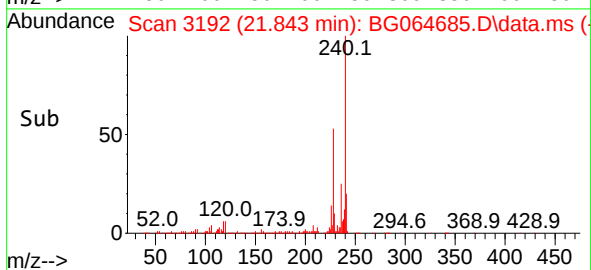
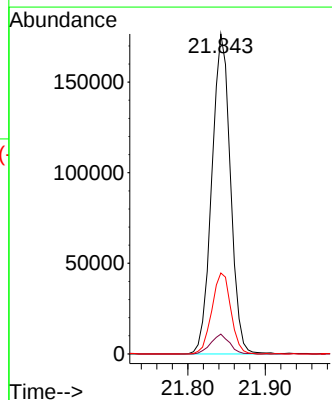
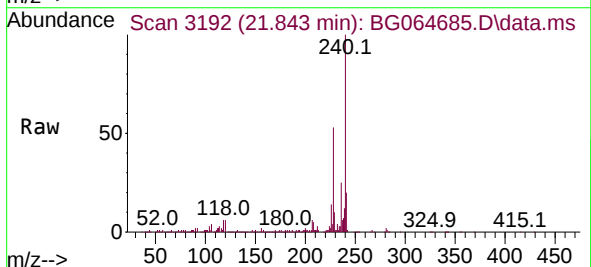
Manual Integrations
APPROVED

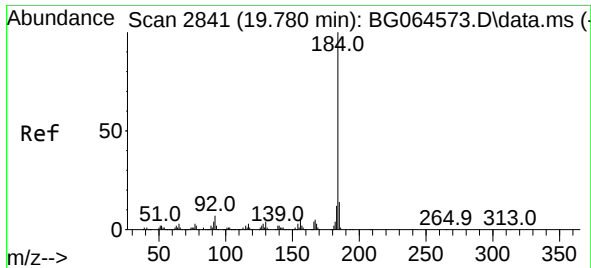
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Tgt Ion:240 Resp: 294757
Ion Ratio Lower Upper
240 100
120 6.2 6.5 9.7#
236 25.3 20.2 30.2





#77
Benzidine
Concen: 42.992 ng
RT: 19.774 min Scan# 2840
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

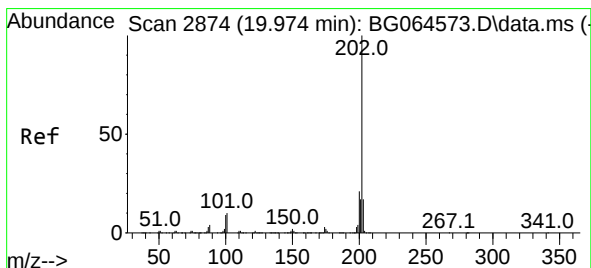
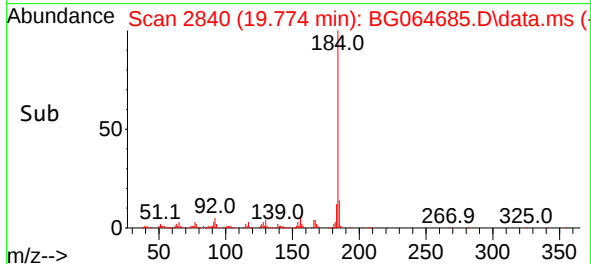
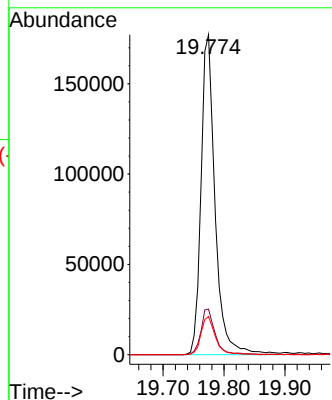
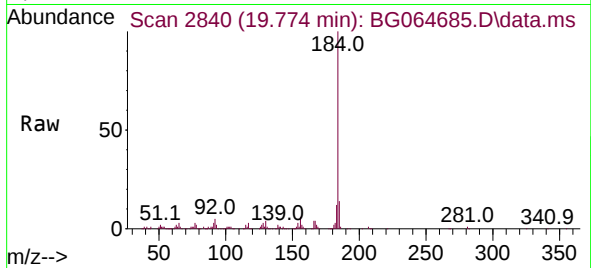
SSTDCCC040EC

Tgt Ion:184 Resp: 28391
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 11.9 9.4 14.2

Manual Integrations

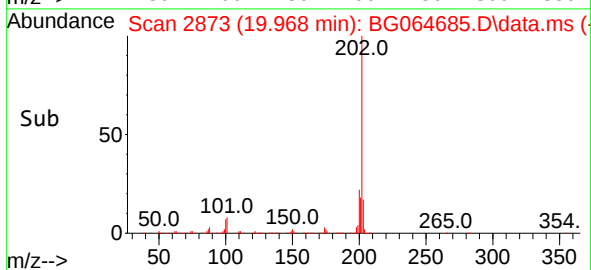
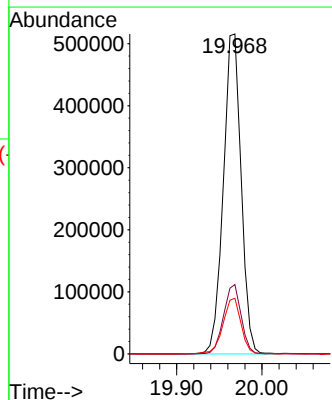
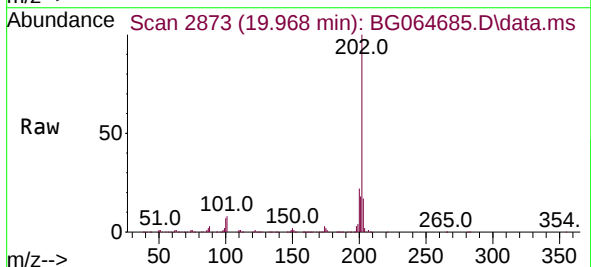
APPROVED

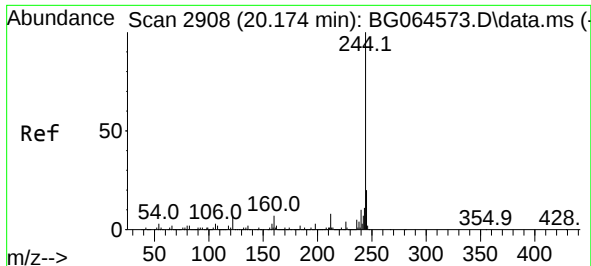
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#78
Pyrene
Concen: 38.792 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.005 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

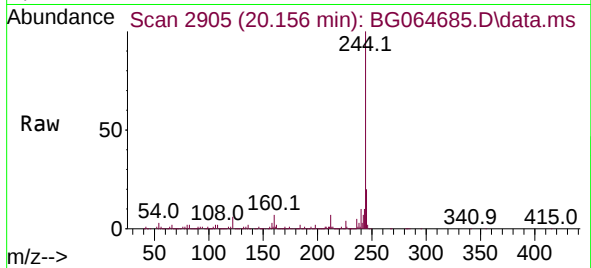
Tgt Ion:202 Resp: 747048
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 17.4 13.8 20.6





#79
 Terphenyl-d14
 Concen: 82.031 ng
 RT: 20.156 min Scan# 2905
 Delta R.T. -0.017 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

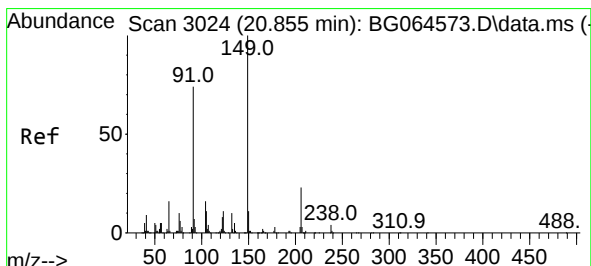
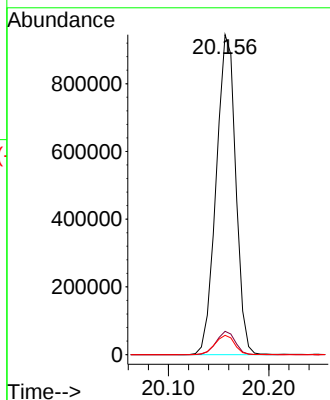
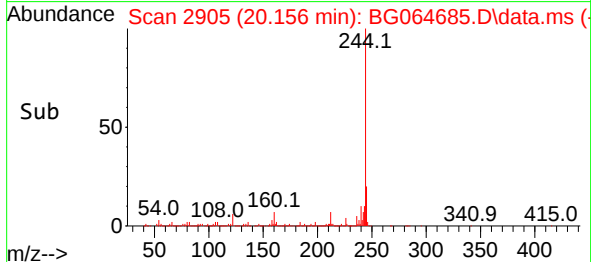
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:244 Resp: 1281241
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.0 5.6 8.4

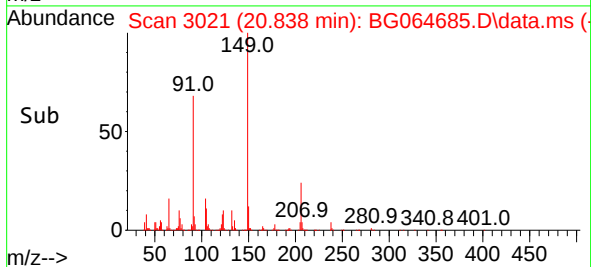
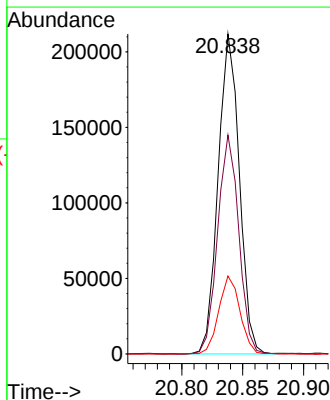
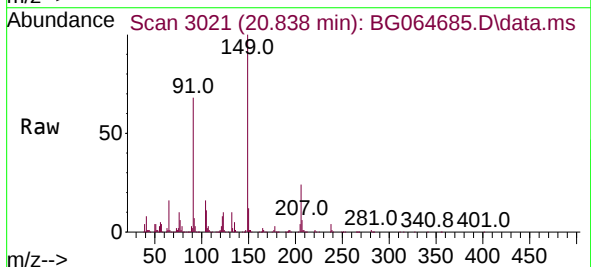
Manual Integrations
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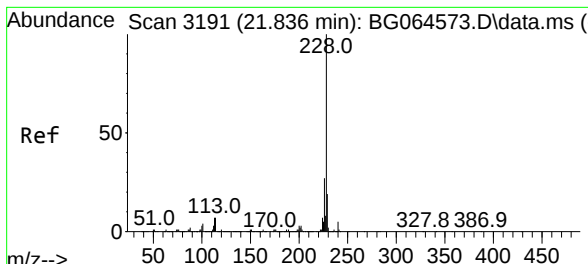
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#80
 Butylbenzylphthalate
 Concen: 44.083 ng
 RT: 20.838 min Scan# 3021
 Delta R.T. -0.017 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 256583
 Ion Ratio Lower Upper
 149 100
 91 68.4 59.2 88.8
 206 24.3 18.1 27.1





#81
 Benzo(a)anthracene
 Concen: 41.671 ng
 RT: 21.825 min Scan# 3191
 Delta R.T. -0.011 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

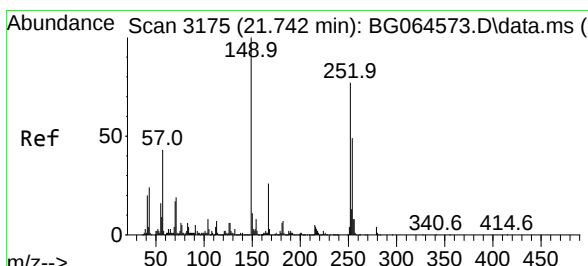
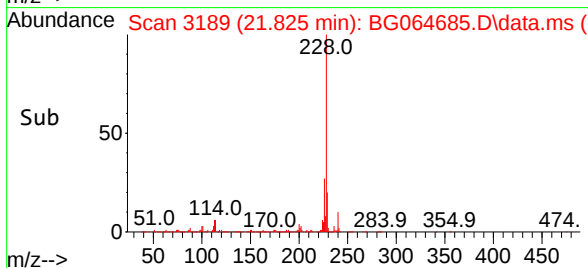
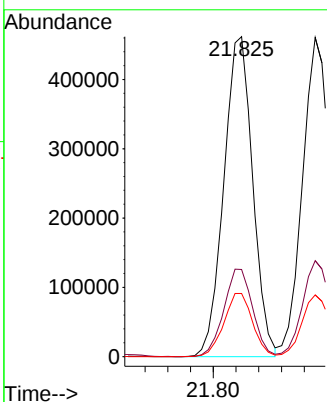
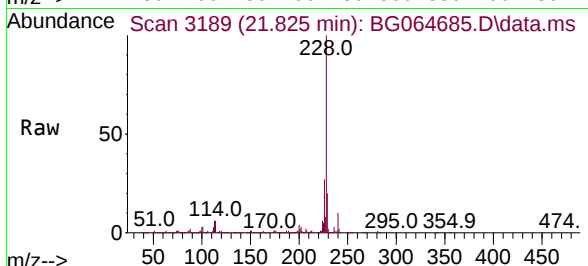
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:228 Resp: 81442

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.7	15.6	23.4

Manual Integrations
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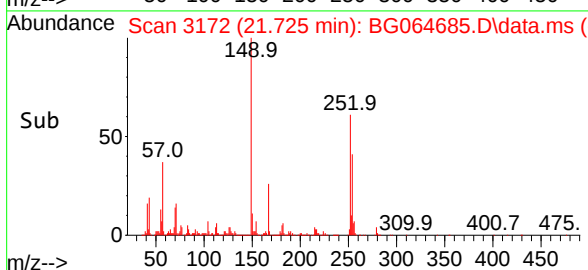
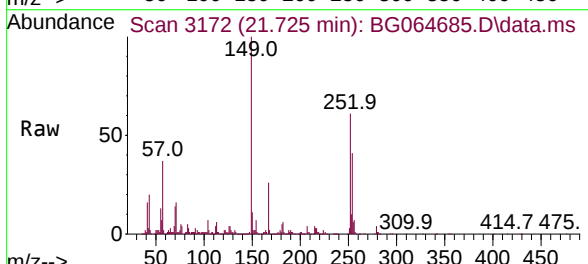
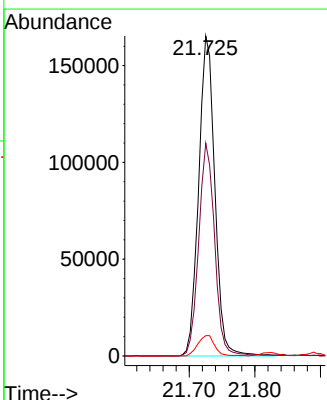
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

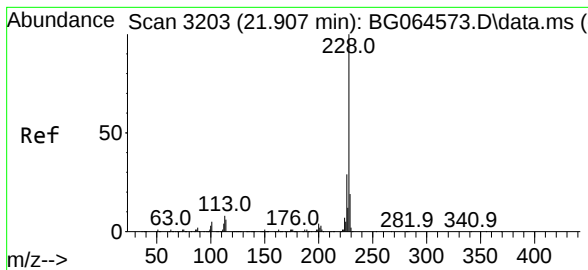


#82
 3,3'-Dichlorobenzidine
 Concen: 43.227 ng
 RT: 21.725 min Scan# 3172
 Delta R.T. -0.017 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Tgt Ion:252 Resp: 282119

Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	6.3	5.8	8.6





#83

Chrysene

Concen: 41.717 ng

RT: 21.890 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG064685.D

Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

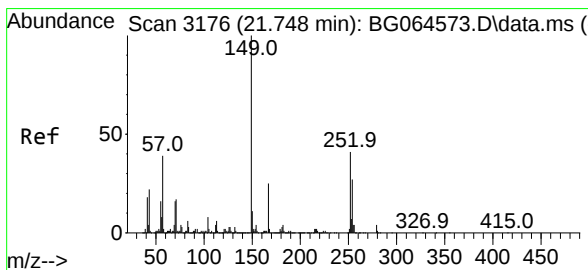
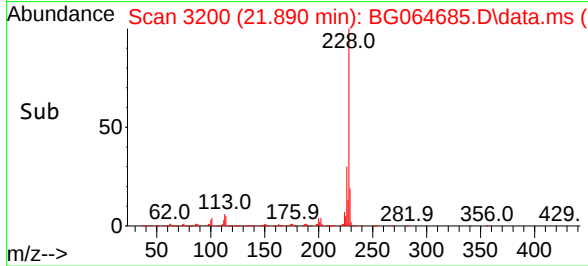
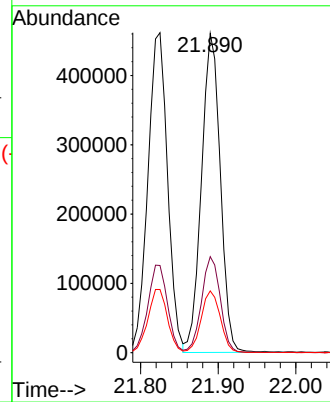
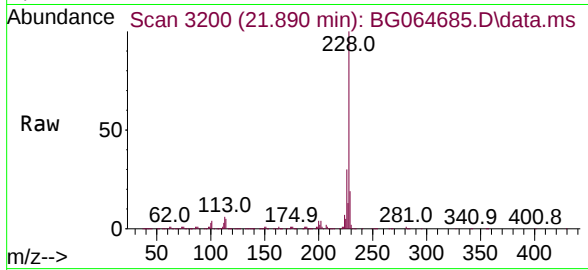
Tgt Ion:228 Resp: 775795

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	19.4	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.332 ng

RT: 21.725 min Scan# 3172

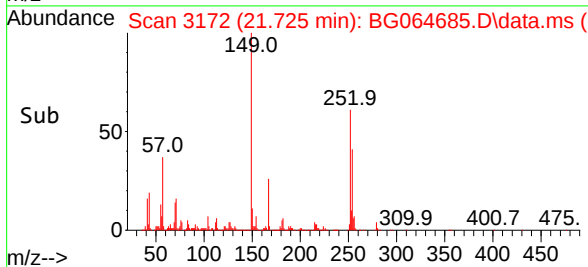
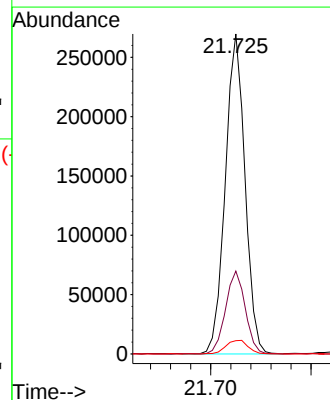
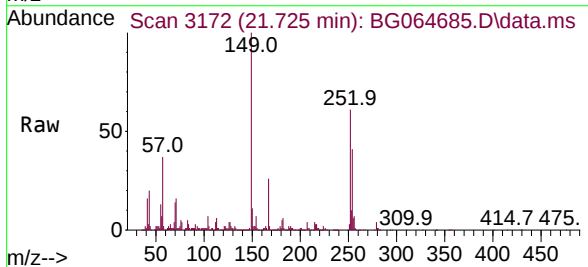
Delta R.T. -0.023 min

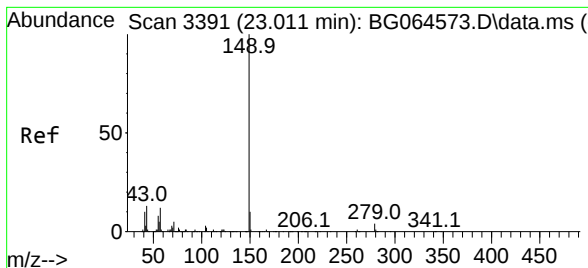
Lab File: BG064685.D

Acq: 3 Nov 2025 23:27

Tgt Ion:149 Resp: 368167

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.0	30.0
279	4.1	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 43.518 ng
RT: 22.982 min Scan# 3391
Delta R.T. -0.029 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

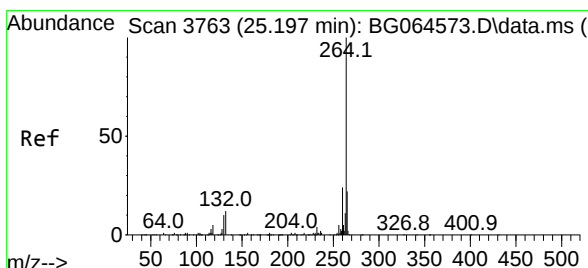
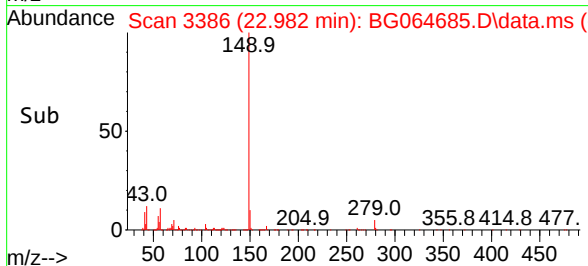
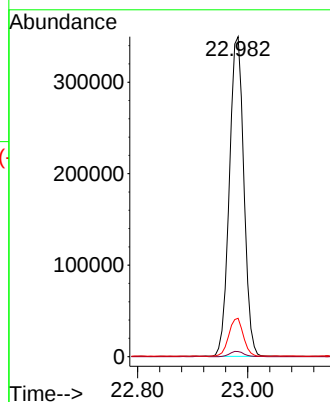
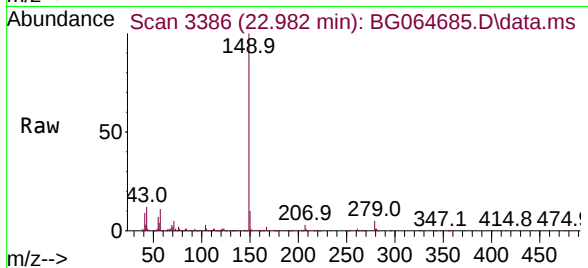
SSTDCCC040EC

Tgt Ion:149 Resp: 63812
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 10.8 16.2

Manual Integrations

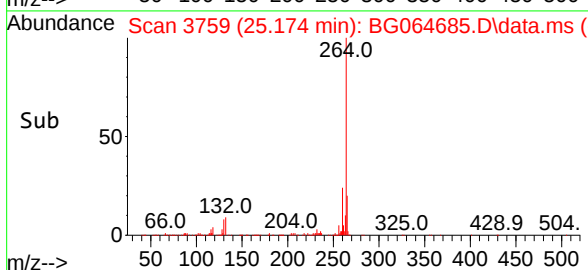
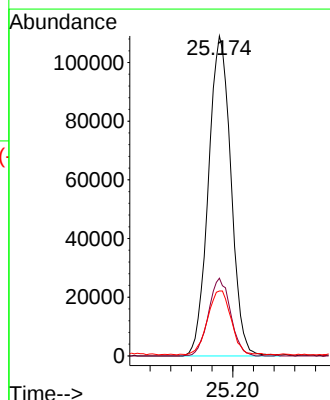
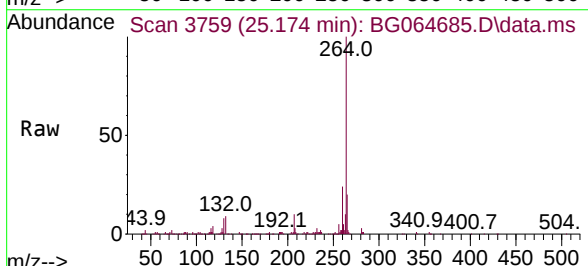
APPROVED

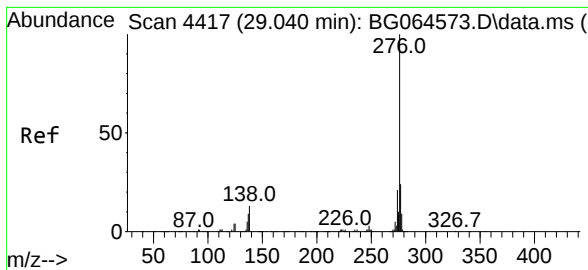
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3759
Delta R.T. -0.023 min
Lab File: BG064685.D
Acq: 3 Nov 2025 23:27

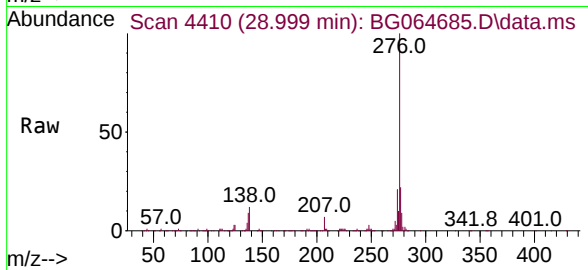
Tgt Ion:264 Resp: 329770
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 20.3 17.6 26.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.153 ng
 RT: 28.999 min Scan# 4417
 Delta R.T. -0.041 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

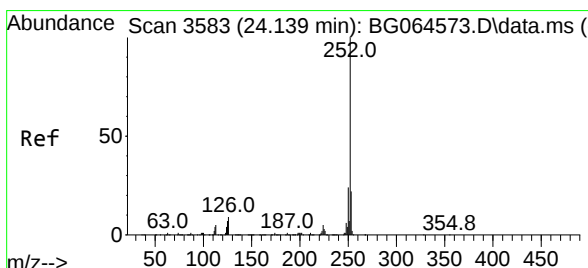
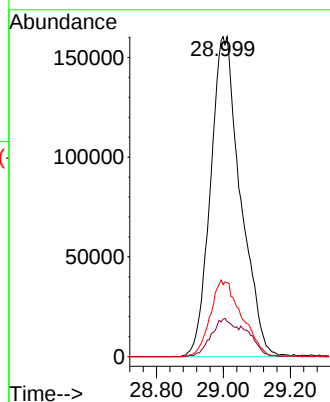
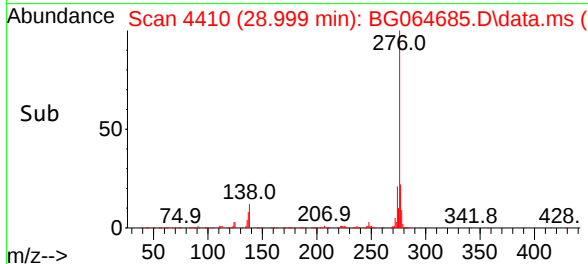
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:276 Resp: 998323
 Ion Ratio Lower Upper
 276 100
 138 9.7 10.8 16.2
 277 10.7 20.1 30.1

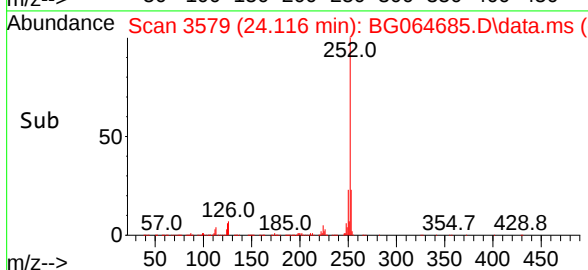
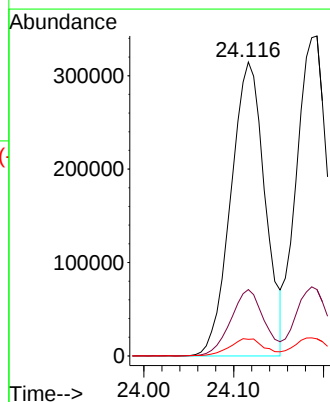
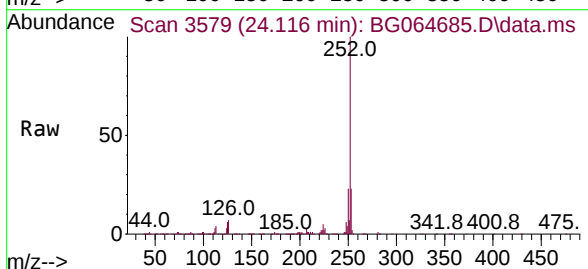
Manual Integrations
 APPROVED

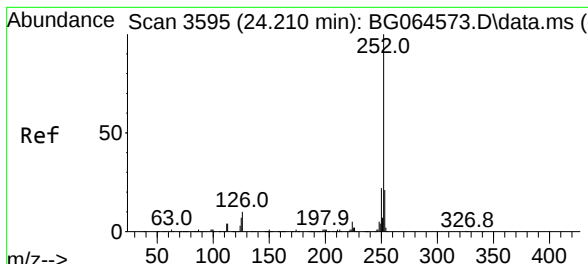
Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#88
 Benzo(b)fluoranthene
 Concen: 41.185 ng
 RT: 24.116 min Scan# 3579
 Delta R.T. -0.023 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Tgt Ion:252 Resp: 832816
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.8
 125 5.7 5.6 8.4





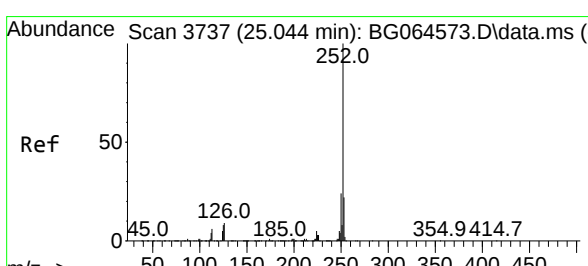
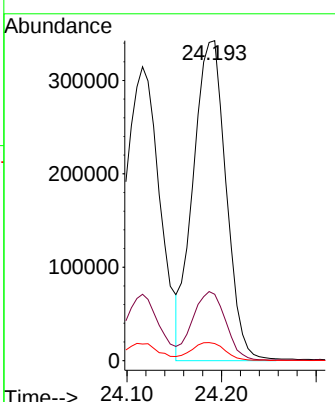
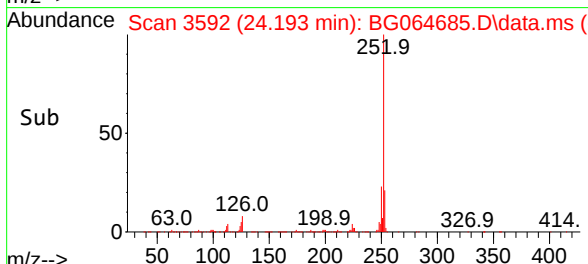
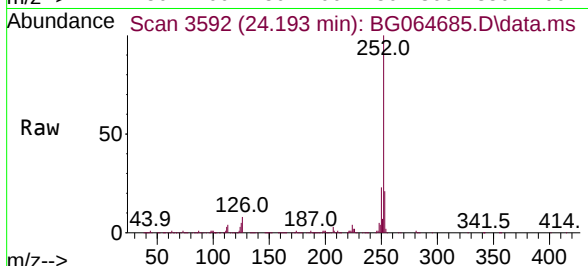
#89
 Benzo(k)fluoranthene
 Concen: 41.131 ng m
 RT: 24.193 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Instrument : BNA_G
 ClientSampleId : SSTDCCC040EC

Tgt Ion:252 Resp: 83230

Ion	Ratio	Lower	Upper
252	100		
253	20.7	16.8	25.2
125	5.3	5.4	8.0

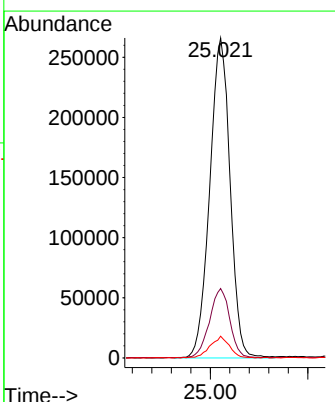
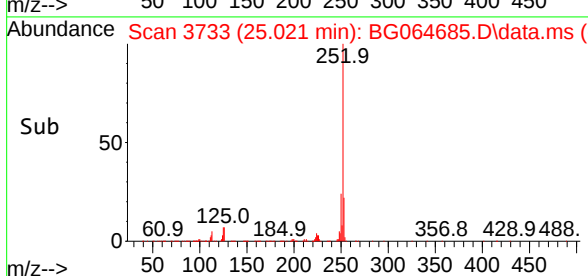
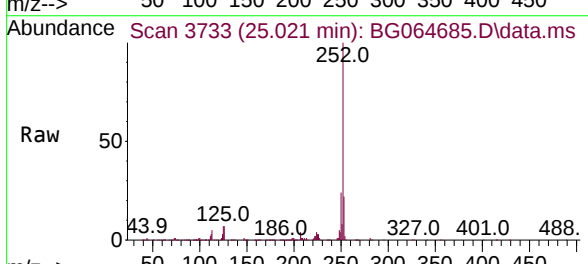
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025

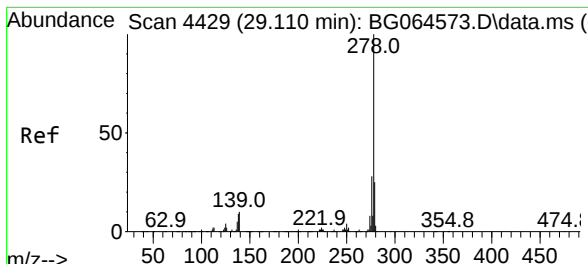


#90
 Benzo(a)pyrene
 Concen: 41.456 ng
 RT: 25.021 min Scan# 3733
 Delta R.T. -0.023 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Tgt Ion:252 Resp: 770578

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	6.8	6.1	9.1





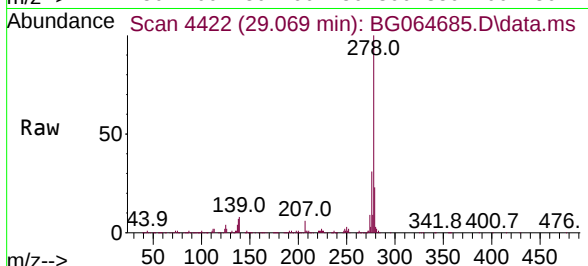
#91
 Dibenzo(a,h)anthracene
 Concen: 41.530 ng
 RT: 29.069 min Scan# 4422
 Delta R.T. -0.041 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC



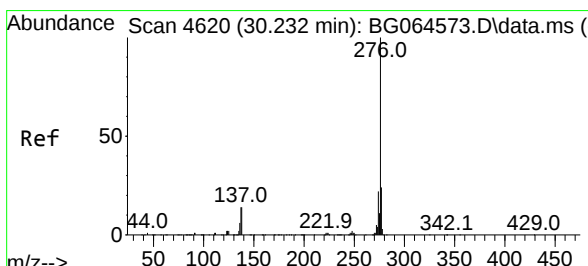
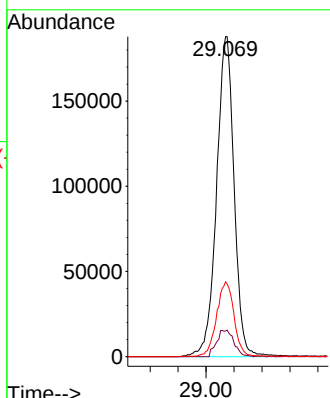
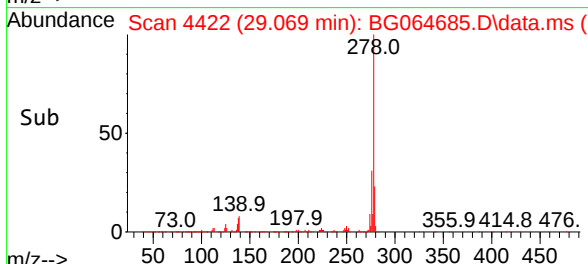
Tgt Ion: 278 Resp: 818493

Ion	Ratio	Lower	Upper
278	100		
139	8.0	8.0	12.0
279	23.4	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
 Supervised By :mohammad ahmed 11/05/2025



#92
 Benzo(g,h,i)perylene
 Concen: 41.169 ng
 RT: 30.192 min Scan# 4613
 Delta R.T. -0.041 min
 Lab File: BG064685.D
 Acq: 3 Nov 2025 23:27

Tgt Ion: 276 Resp: 775096

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.1	28.7
138	12.5	11.3	16.9

