

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064585.D
 Acq On : 27 Oct 2025 13:19
 Operator : RC/JU
 Sample : PB170222BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170222BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 01:19:36 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	8.219	152	45379	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	155959	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	125067	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	301008	20.000	ng	0.00
76) Chrysene-d12	21.856	240	321139	20.000	ng	0.00
86) Perylene-d12	25.194	264	327874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	334089	123.574	ng	0.00
7) Phenol-d6	7.356	99	457232	123.249	ng	0.00
23) Nitrobenzene-d5	9.383	82	216302	83.302	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	228615	126.650	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	661073	80.119	ng	0.00
79) Terphenyl-d14	20.170	244	1409876	82.851	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.584	88	36868	30.802	ng	99
3) Pyridine	3.989	79	105120	29.245	ng	97
4) n-Nitrosodimethylamine	3.901	42	70428	36.537	ng	89
6) Aniline	7.526	93	137559	27.250	ng	98
8) 2-Chlorophenol	7.779	128	118482	41.870	ng	99
9) Benzaldehyde	7.338	77	26802	13.233	ng	95
10) Phenol	7.379	94	167214	40.757	ng	98
11) bis(2-Chloroethyl)ether	7.620	93	114046	37.808	ng	94
12) 1,3-Dichlorobenzene	8.108	146	122230	37.529	ng	98
13) 1,4-Dichlorobenzene	8.255	146	127742	38.573	ng	95
14) 1,2-Dichlorobenzene	8.578	146	107869	33.770	ng	95
15) Benzyl Alcohol	8.448	79	119970	39.216	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.748	45	253411	32.027	ng	99
17) 2-Methylphenol	8.648	107	99027	36.354	ng	99
18) Hexachloroethane	9.318	117	37966	32.668	ng	95
19) n-Nitroso-di-n-propyla...	9.024	70	85218	33.238	ng	98
20) 3+4-Methylphenols	8.977	107	133380	34.818	ng	99
22) Acetophenone	9.042	105	179107	42.011	ng	97
24) Nitrobenzene	9.424	77	114657	40.598	ng	97
25) Isophorone	9.953	82	246777	39.607	ng	98
26) 2-Nitrophenol	10.147	139	37556	35.348	ng	93
27) 2,4-Dimethylphenol	10.194	122	115691	49.917	ng	95
28) bis(2-Chloroethoxy)met...	10.434	93	142754	40.240	ng	99
29) 2,4-Dichlorophenol	10.675	162	111640	44.759	ng	96
30) 1,2,4-Trichlorobenzene	10.904	180	118363	41.766	ng	98
31) Naphthalene	11.098	128	339431	39.255	ng	100
32) Benzoic acid	10.311	122	64118	37.798	ng	# 87
33) 4-Chloroaniline	11.186	127	70034	20.838	ng	98
34) Hexachlorobutadiene	11.386	225	86664	39.103	ng	99
35) Caprolactam	11.944	113	37326m	39.018	ng	
36) 4-Chloro-3-methylphenol	12.291	107	127228	42.436	ng	97
37) 2-Methylnaphthalene	12.691	142	232467	36.618	ng	97
38) 1-Methylnaphthalene	12.902	142	243465	38.739	ng	96
40) 1,2,4,5-Tetrachloroben...	13.049	216	171867	40.947	ng	98
41) Hexachlorocyclopentadiene	13.037	237	185605	98.243	ng	98
43) 2,4,6-Trichlorophenol	13.278	196	104542	43.543	ng	98

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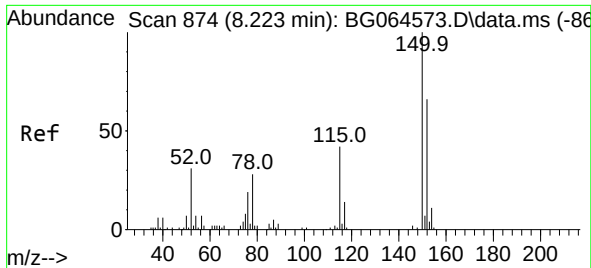
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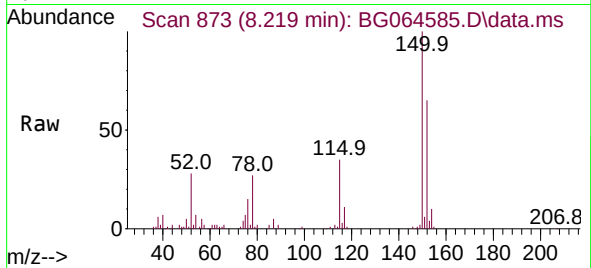
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.349	196	118455	42.754	ng	98
46) 1,1'-Biphenyl	13.684	154	377195	42.422	ng	98
47) 2-Chloronaphthalene	13.725	162	264066	39.345	ng	99
48) 2-Nitroaniline	13.907	65	79939	36.321	ng	92
49) Acenaphthylene	14.565	152	476895	45.049	ng	99
50) Dimethylphthalate	14.289	163	380815	39.792	ng	99
51) 2,6-Dinitrotoluene	14.400	165	64472	41.306	ng	97
52) Acenaphthene	14.906	154	303736	41.995	ng	95
53) 3-Nitroaniline	14.723	138	48114	29.254	ng	94
54) 2,4-Dinitrophenol	14.929	184	71581	74.300	ng	# 39
55) Dibenzofuran	15.241	168	465842	39.839	ng	99
56) 4-Nitrophenol	15.017	139	126067	82.675	ng	98
57) 2,4-Dinitrotoluene	15.182	165	93700	38.990	ng	95
58) Fluorene	15.887	166	373136	40.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.452	232	120007	45.296	ng	98
60) Diethylphthalate	15.646	149	385214	39.422	ng	99
61) 4-Chlorophenyl-phenyle...	15.875	204	205156	40.032	ng	98
62) 4-Nitroaniline	15.887	138	77104	42.140	ng	95
63) Azobenzene	16.163	77	374238	41.741	ng	96
65) 4,6-Dinitro-2-methylph...	15.946	198	50612	39.318	ng	96
66) n-Nitrosodiphenylamine	16.081	169	345741	42.521	ng	98
67) 4-Bromophenyl-phenylether	16.762	248	145798	40.873	ng	99
68) Hexachlorobenzene	16.886	284	167195	41.086	ng	96
69) Atrazine	17.021	200	139945	39.995	ng	97
70) Pentachlorophenol	17.221	266	213517	84.140	ng	88
71) Phenanthrene	17.620	178	658447	40.001	ng	99
72) Anthracene	17.714	178	673431	40.218	ng	100
73) Carbazole	17.973	167	594347	40.252	ng	99
74) Di-n-butylphthalate	18.531	149	666045	39.008	ng	100
75) Fluoranthene	19.618	202	810317	39.295	ng	99
77) Benzidine	19.782	184	181540	25.232	ng	100
78) Pyrene	19.976	202	836111	39.850	ng	100
80) Butylbenzylphthalate	20.852	149	273778	43.173	ng	98
81) Benzo(a)anthracene	21.833	228	871095	40.909	ng	99
82) 3,3'-Dichlorobenzidine	21.733	252	205280	28.870	ng	99
83) Chrysene	21.903	228	812759	40.115	ng	98
84) Bis(2-ethylhexyl)phtha...	21.745	149	402787	42.508	ng	99
85) Di-n-octyl phthalate	23.008	149	671230	42.016	ng	98
87) Indeno(1,2,3-cd)pyrene	29.036	276	1014209	42.049	ng	99
88) Benzo(b)fluoranthene	24.130	252	854015	42.477	ng	99
89) Benzo(k)fluoranthene	24.201	252	883190	43.898	ng	98
90) Benzo(a)pyrene	25.035	252	814648	44.080	ng	100
91) Dibenzo(a,h)anthracene	29.101	278	846322	43.190	ng	95
92) Benzo(g,h,i)perylene	30.217	276	823097	43.971	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

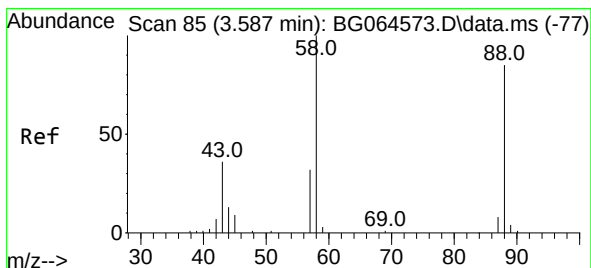
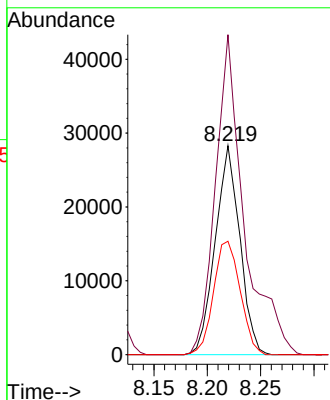
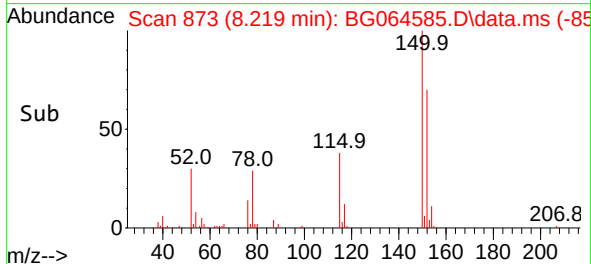
Instrument :
BNA_G
ClientSampleId :
PB170222BS



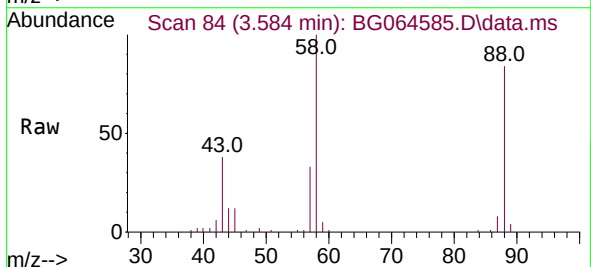
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Ion Ratio Lower Upper
152 100
150 153.2 122.2 183.4
115 54.3 50.8 76.2

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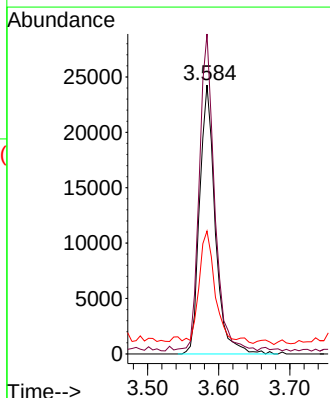
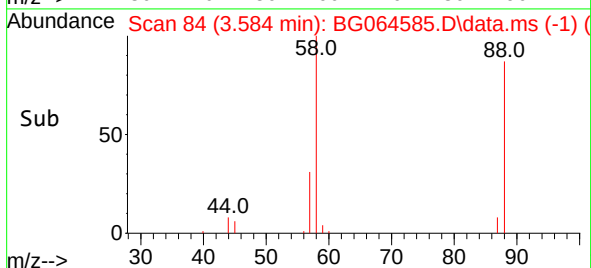
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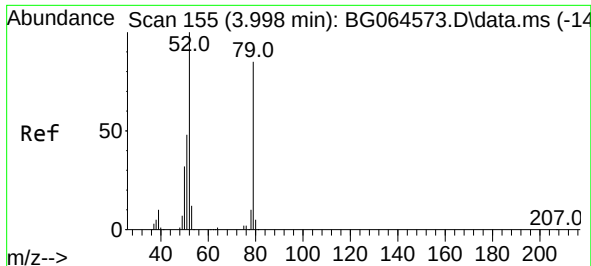


#2
1,4-Dioxane
Concen: 30.802 ng
RT: 3.584 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion: 88 Resp: 36868
Ion Ratio Lower Upper
88 100
58 114.4 92.4 138.6
43 39.6 33.0 49.6





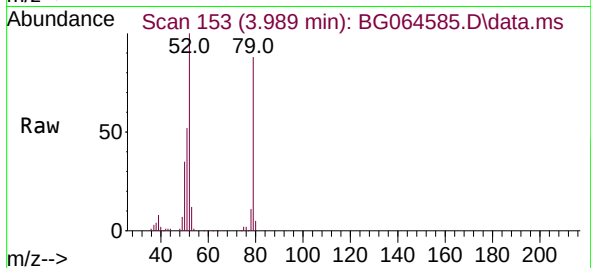
#3
Pyridine
Concen: 29.245 ng
RT: 3.989 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

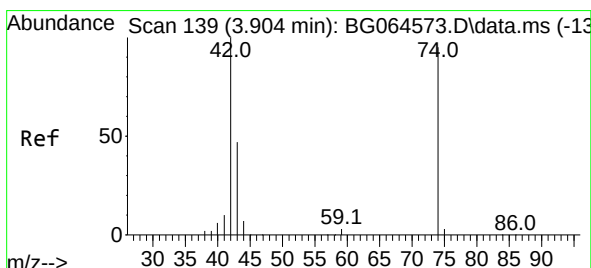
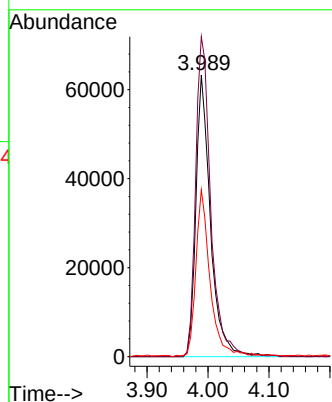
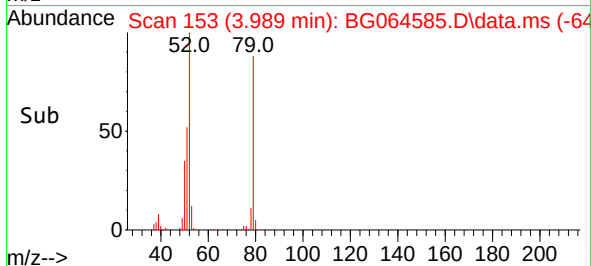


Tgt Ion: 79 Resp: 105120
Ion Ratio Lower Upper
79 100
52 113.7 94.2 141.2
51 59.3 46.1 69.1

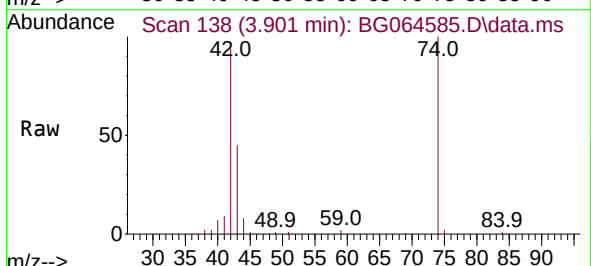
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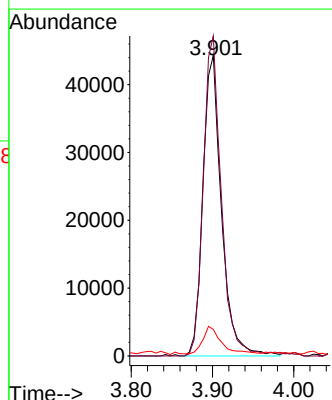
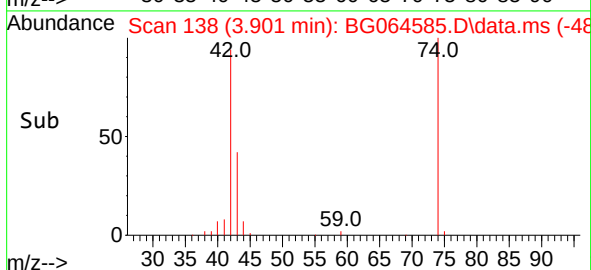
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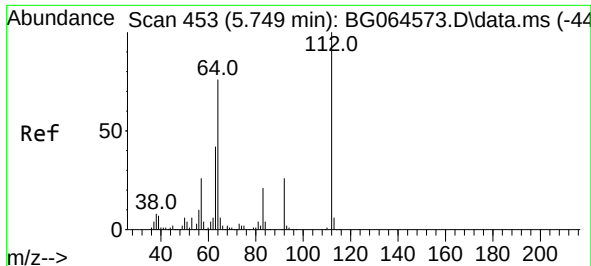


#4
n-Nitrosodimethylamine
Concen: 36.537 ng
RT: 3.901 min Scan# 138
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion: 42 Resp: 70428
Ion Ratio Lower Upper
42 100
74 106.5 76.1 114.1
44 8.8 6.3 9.5





#5
2-Fluorophenol
Concen: 123.574 ng
RT: 5.746 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

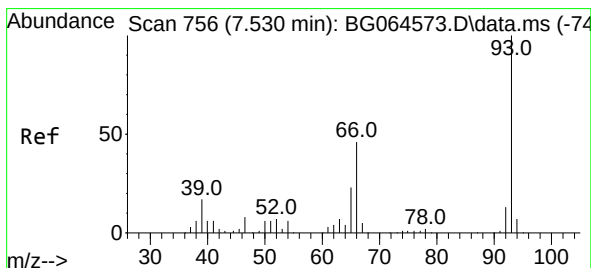
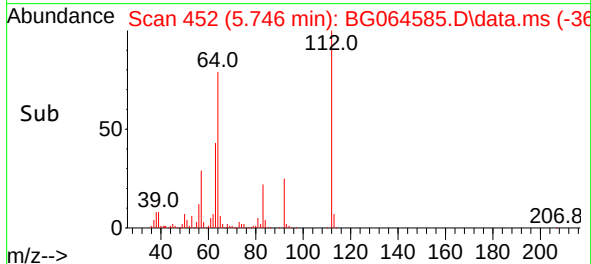
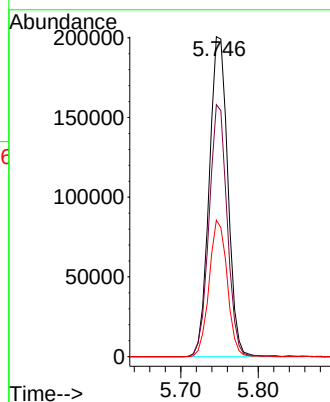
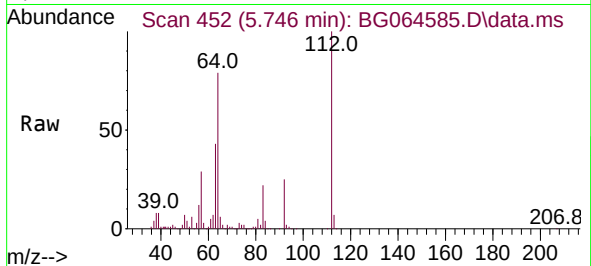
ClientSampleId :

PB170222BS

Tgt Ion:112 Resp: 334089
Ion Ratio Lower Upper
112 100
64 78.7 60.7 91.1
63 42.6 33.4 50.0

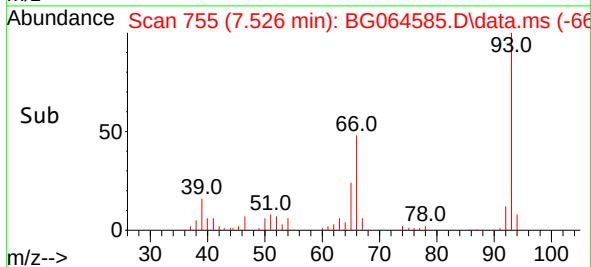
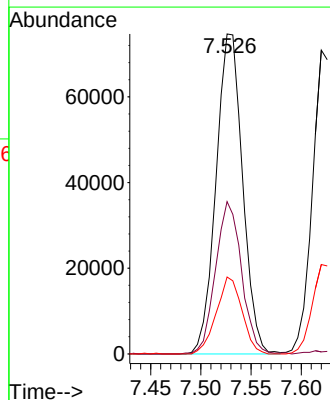
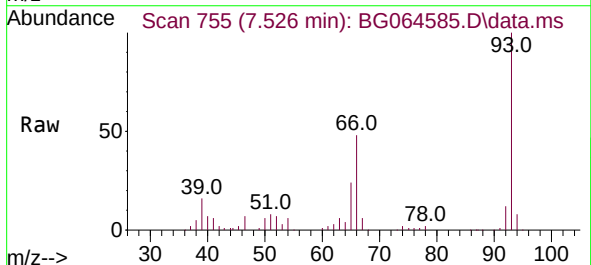
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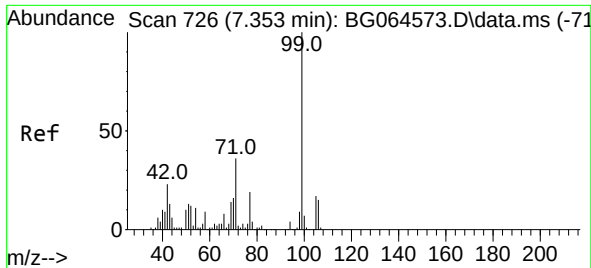
Reviewed By :Rahul Chavli 10/28/2025
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#6
Aniline
Concen: 27.250 ng
RT: 7.526 min Scan# 755
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

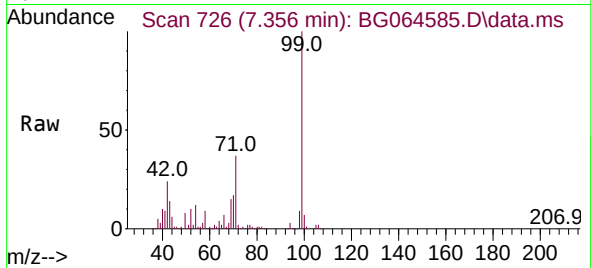
Tgt Ion: 93 Resp: 137559
Ion Ratio Lower Upper
93 100
66 47.6 37.0 55.6
65 24.0 18.3 27.5





#7
Phenol-d6
Concen: 123.249 ng
RT: 7.356 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

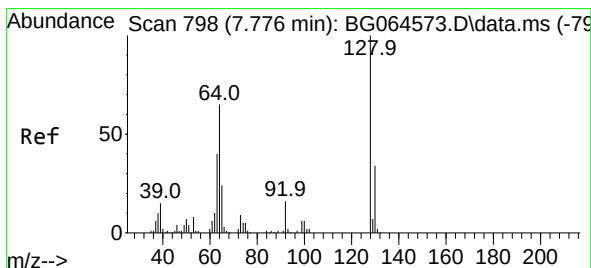
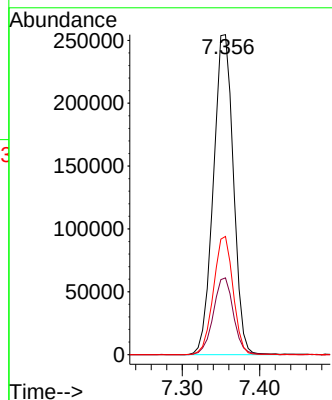
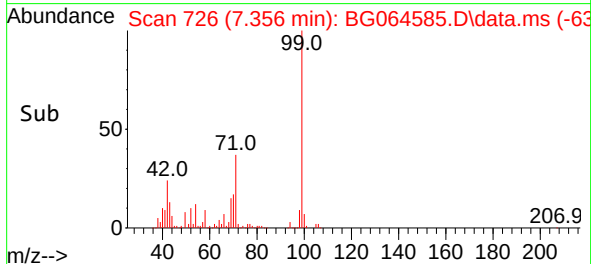
Instrument :
BNA_G
ClientSampleId :
PB170222BS



Tgt Ion: 99 Resp: 457232
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 36.9 28.6 43.0

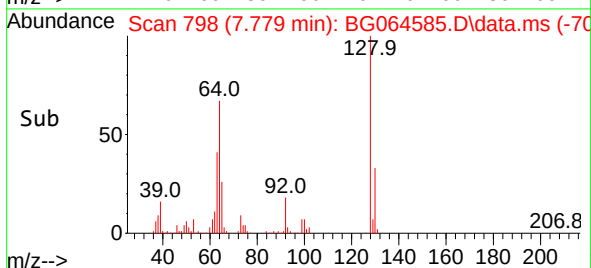
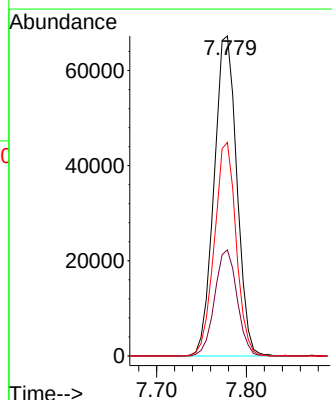
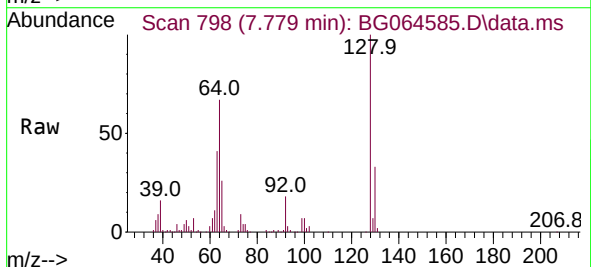
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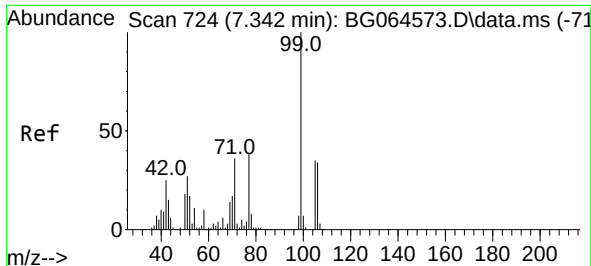
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#8
2-Chlorophenol
Concen: 41.870 ng
RT: 7.779 min Scan# 798
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

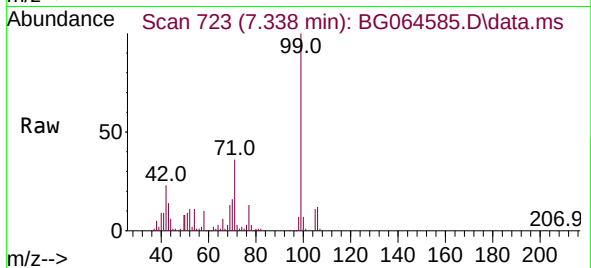
Tgt Ion:128 Resp: 118482
Ion Ratio Lower Upper
128 100
130 33.1 13.5 53.5
64 66.7 45.2 85.2





#9
Benzaldehyde
Concen: 13.233 ng
RT: 7.338 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

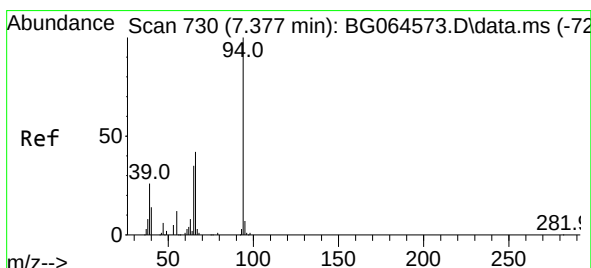
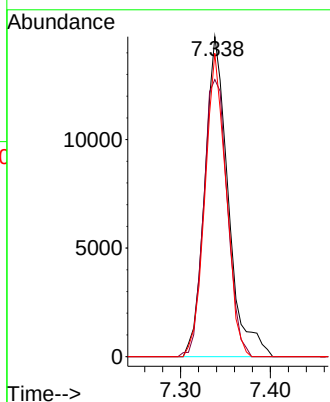
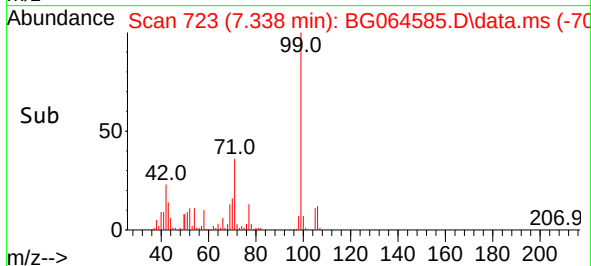
Instrument :
BNA_G
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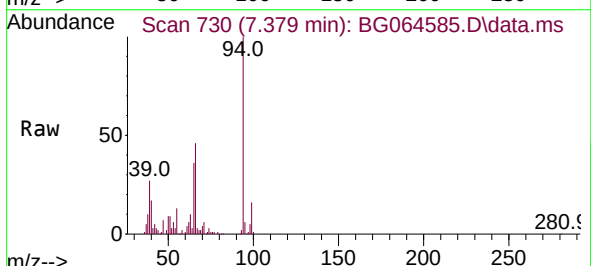
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Ion Ratio Lower Upper
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106 94.8 70.8 110.8

Manual Integrations
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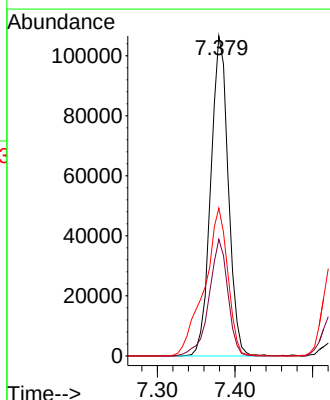
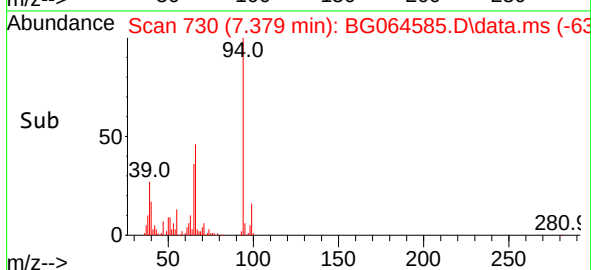
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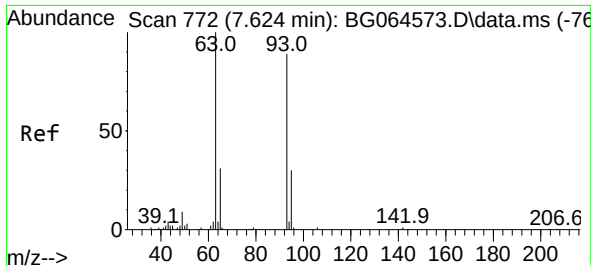


#10
Phenol
Concen: 40.757 ng
RT: 7.379 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



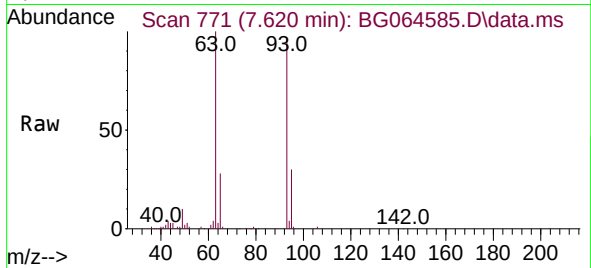
Tgt Ion: 94 Resp: 167214
Ion Ratio Lower Upper
94 100
65 36.4 15.8 55.8
66 46.3 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 37.808 ng
RT: 7.620 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

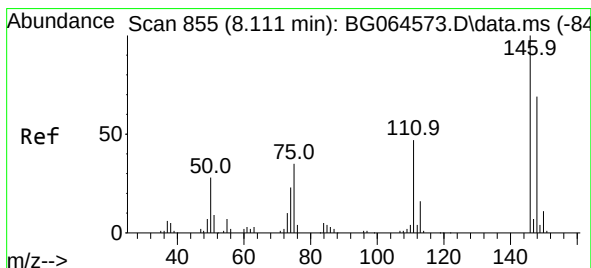
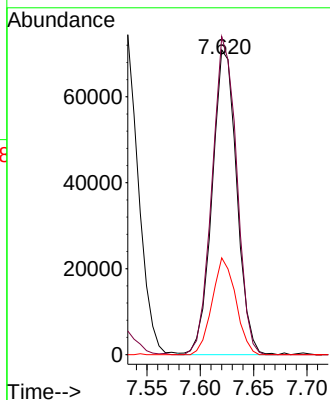
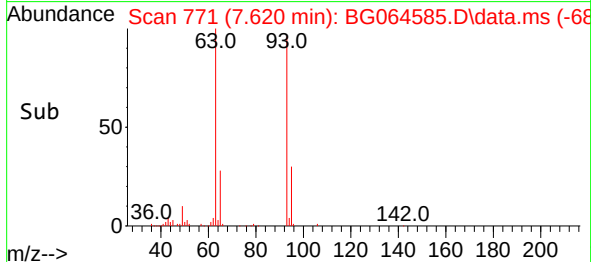
Instrument :
BNA_G
ClientSampleId :
PB170222BS



Tgt Ion: 93 Resp: 114046
Ion Ratio Lower Upper
93 100
63 104.4 91.3 131.3
95 31.8 13.3 53.3

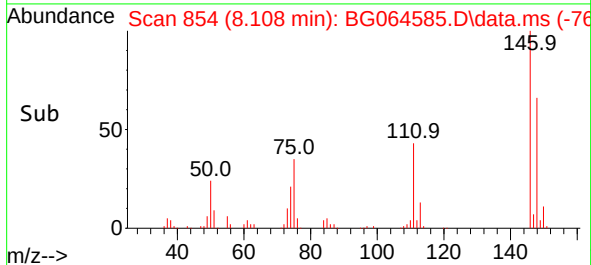
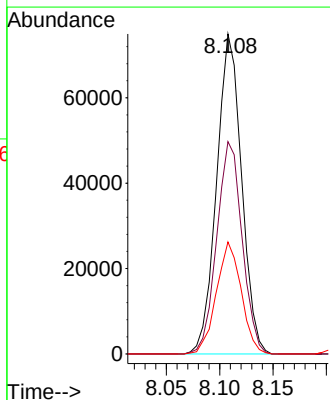
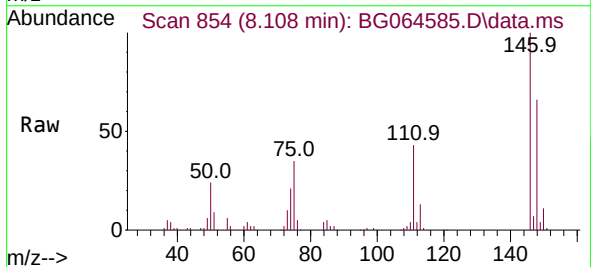
Manual Integrations
APPROVED

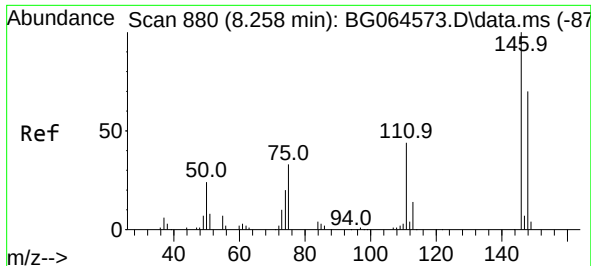
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#12
1,3-Dichlorobenzene
Concen: 37.529 ng
RT: 8.108 min Scan# 854
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:146 Resp: 122230
Ion Ratio Lower Upper
146 100
148 66.3 55.3 82.9
75 35.0 28.2 42.2





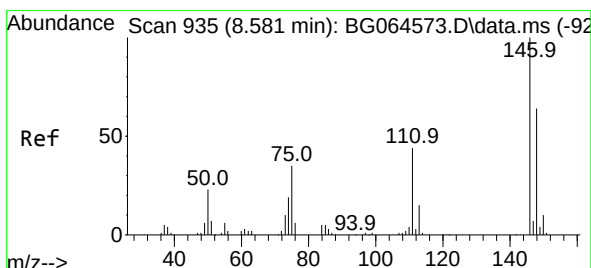
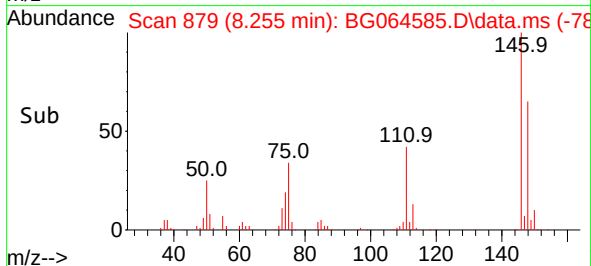
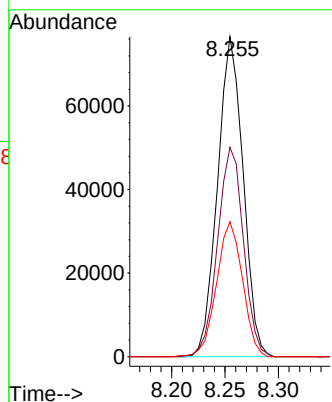
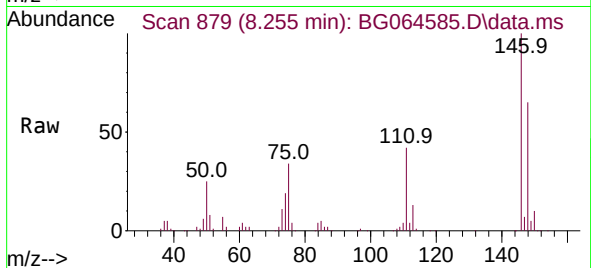
#13
1,4-Dichlorobenzene
Concen: 38.573 ng
RT: 8.255 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :
BNA_G
ClientSampleId :
PB170222BS

Tgt Ion:146 Resp: 127742
Ion Ratio Lower Upper
146 100
148 65.4 56.2 84.4
111 42.2 35.4 53.0

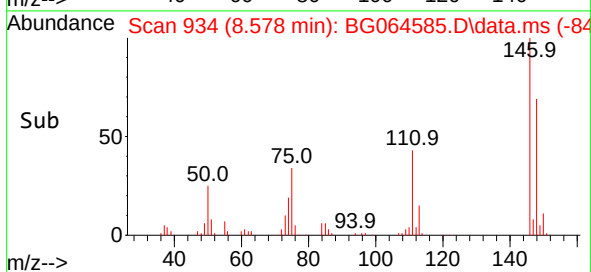
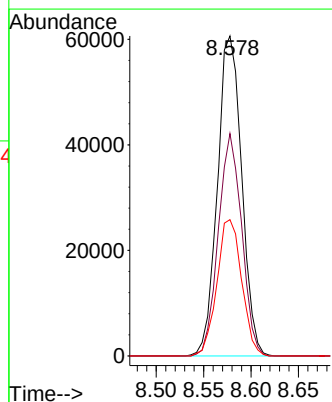
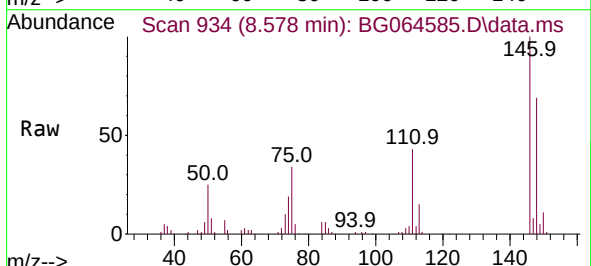
Manual Integrations
APPROVED

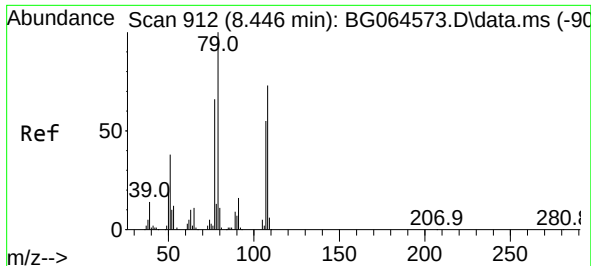
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#14
1,2-Dichlorobenzene
Concen: 33.770 ng
RT: 8.578 min Scan# 934
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

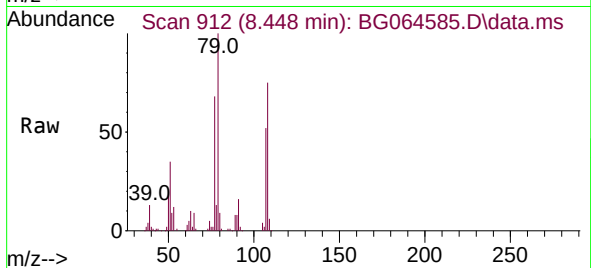
Tgt Ion:146 Resp: 107869
Ion Ratio Lower Upper
146 100
148 69.5 51.5 77.3
111 42.6 35.0 52.6





#15
Benzyl Alcohol
Concen: 39.216 ng
RT: 8.448 min Scan# 912
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

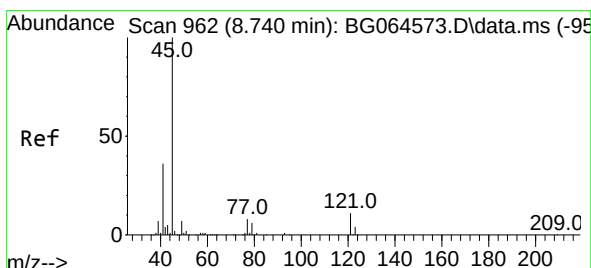
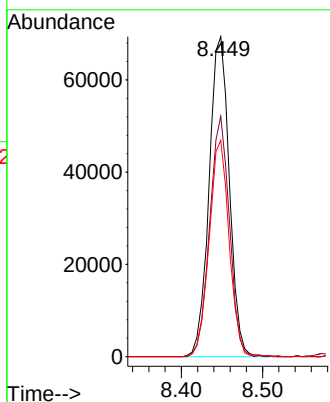
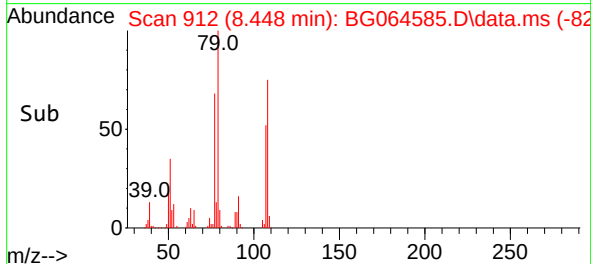
Instrument :
BNA_G
ClientSampleId :
PB170222BS



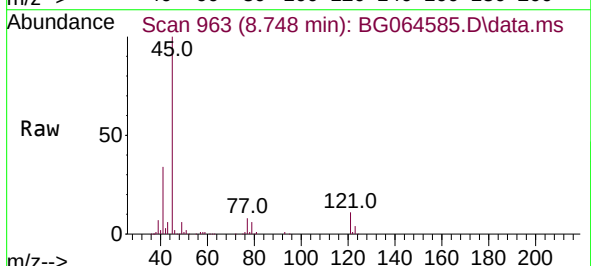
Tgt Ion: 79 Resp: 119970
Ion Ratio Lower Upper
79 100
108 75.1 58.1 87.1
77 67.6 52.8 79.2

Manual Integrations
APPROVED

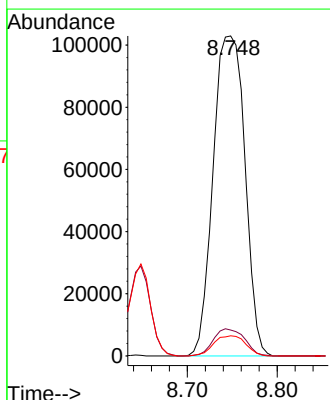
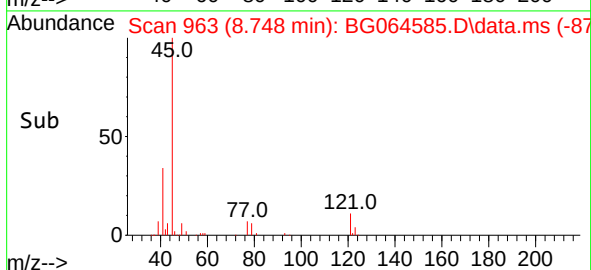
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

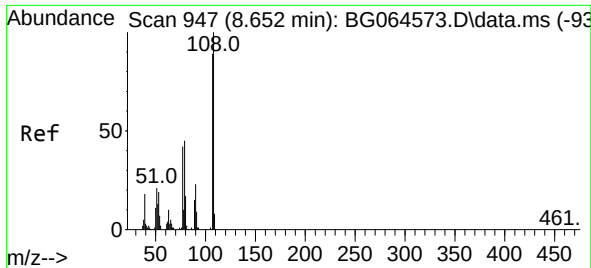


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.027 ng
RT: 8.748 min Scan# 963
Delta R.T. 0.008 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



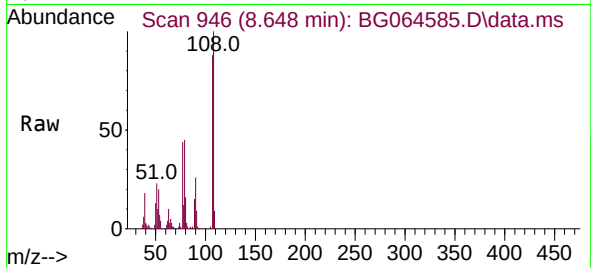
Tgt Ion: 45 Resp: 253411
Ion Ratio Lower Upper
45 100
77 8.1 0.0 28.5
79 6.3 0.0 25.6





#17
2-Methylphenol
Concen: 36.354 ng
RT: 8.648 min Scan# 947
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

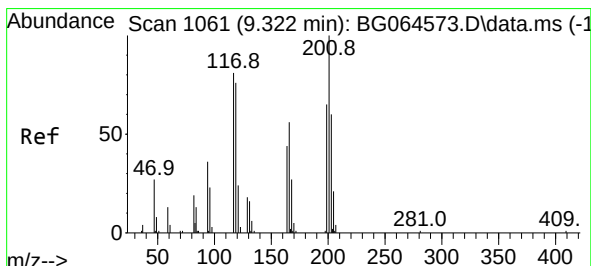
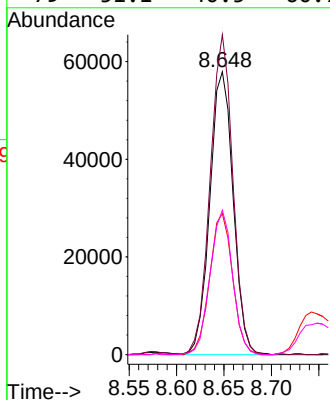
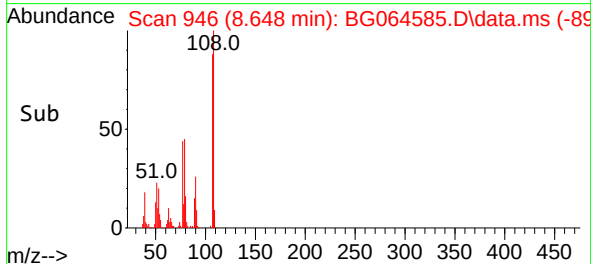
Instrument :
BNA_G
ClientSampleId :
PB170222BS



Tgt Ion:	107	Resp:	9902
Ion Ratio	Lower	Upper	
107	100		
108	113.2	90.0	135.0
77	49.9	37.8	56.8
79	51.1	40.5	60.7

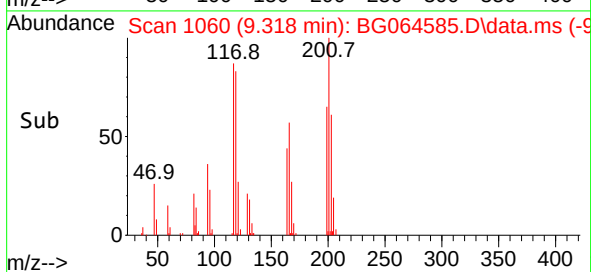
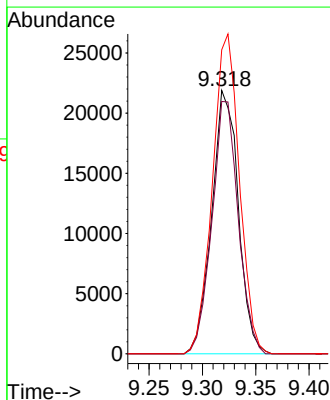
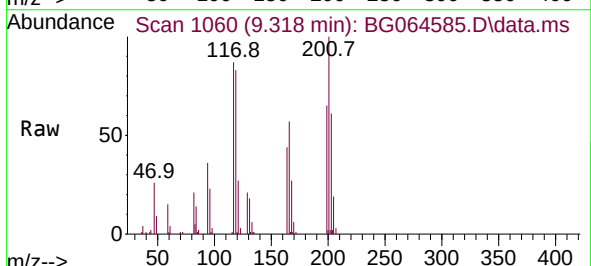
Manual Integrations
APPROVED

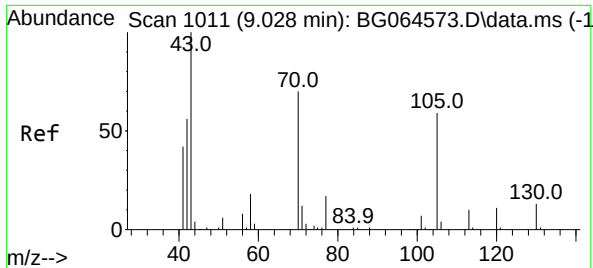
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#18
Hexachloroethane
Concen: 32.668 ng
RT: 9.318 min Scan# 1060
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:	117	Resp:	37966
Ion Ratio	Lower	Upper	
117	100		
119	95.8	75.4	113.2
201	115.4	99.2	148.8





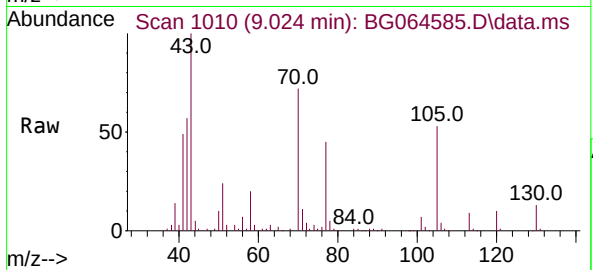
#19
n-Nitroso-di-n-propylamine
Concen: 33.238 ng
RT: 9.024 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

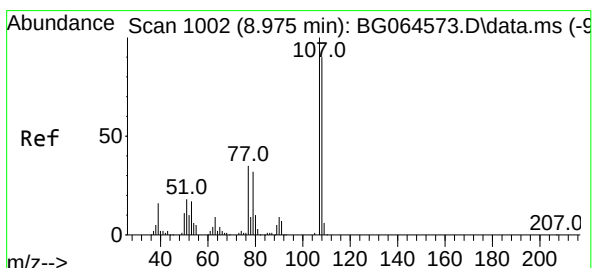
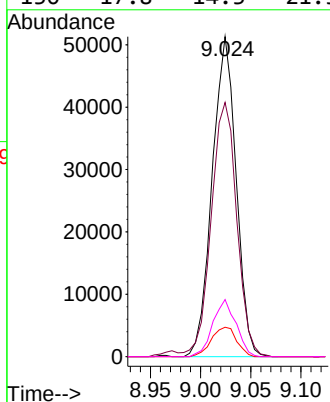
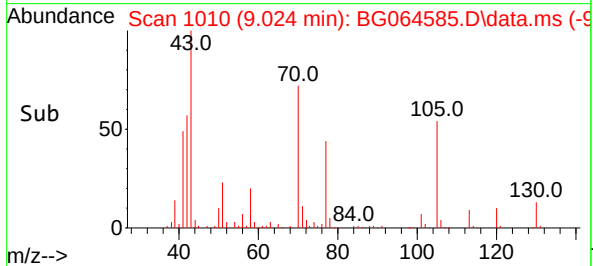


Tgt Ion: 70 Resp: 85218
Ion Ratio Lower Upper
70 100
42 79.4 65.2 97.8
101 9.2 7.9 11.9
130 17.8 14.3 21.5

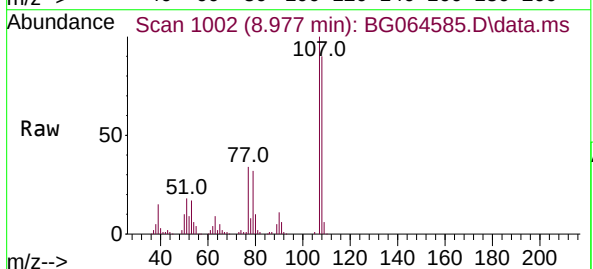
Manual Integrations

APPROVED

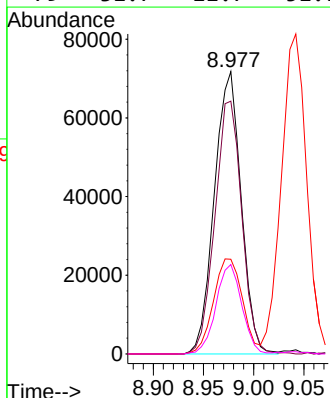
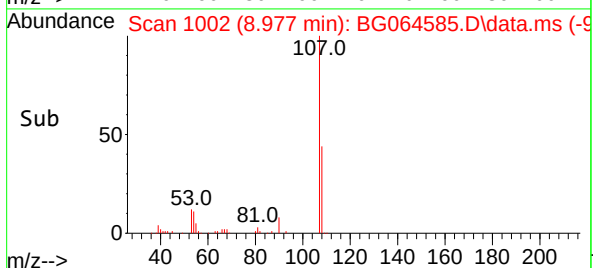
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

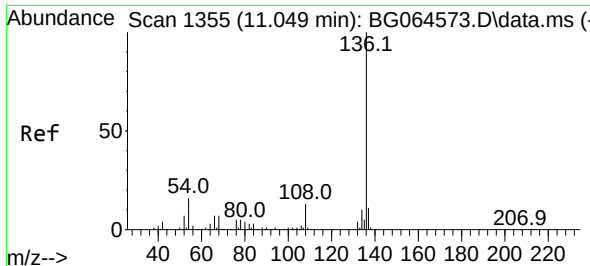


#20
3+4-Methylphenols
Concen: 34.818 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion:107 Resp: 133380
Ion Ratio Lower Upper
107 100
108 89.5 70.3 110.3
77 33.5 14.6 54.6
79 31.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

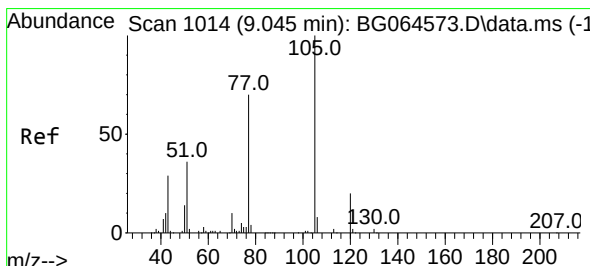
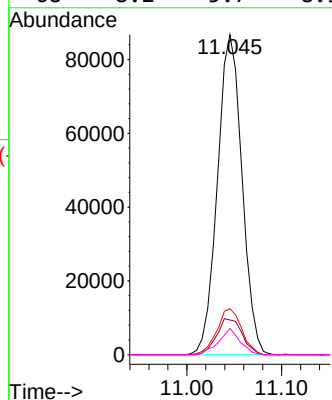
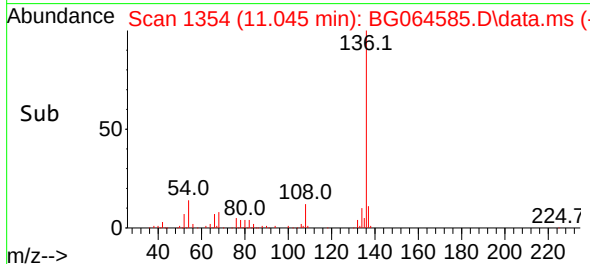
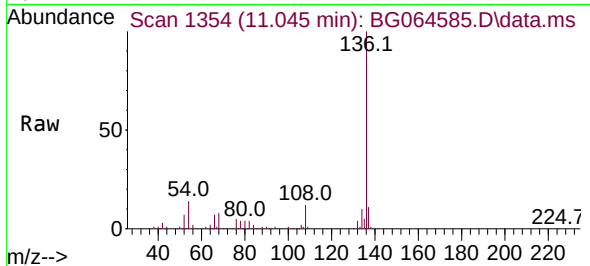
PB170222BS

Tgt Ion:136 Resp: 155959
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 14.4 12.6 19.0
68 8.2 5.7 8.5

Manual Integrations

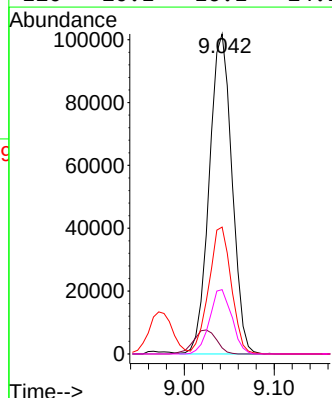
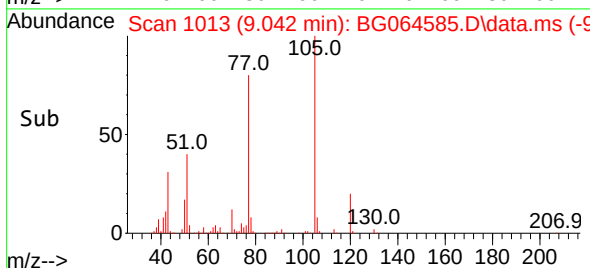
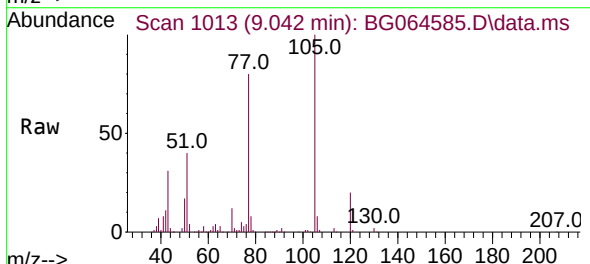
APPROVED

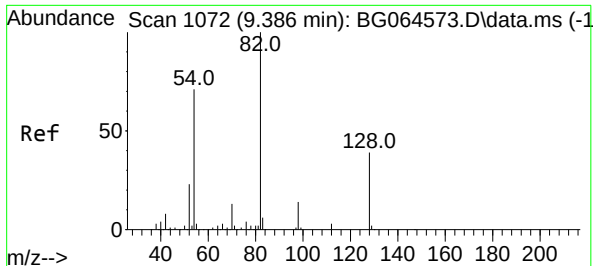
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 42.011 ng
RT: 9.042 min Scan# 1013
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:105 Resp: 179107
Ion Ratio Lower Upper
105 100
71 1.9 1.5 2.3
51 39.6 33.7 50.5
120 20.1 16.1 24.1





#23

Nitrobenzene-d5

Concen: 83.302 ng

RT: 9.383 min Scan# 1071

Delta R.T. -0.004 min

Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

Tgt Ion: 82 Resp: 216302

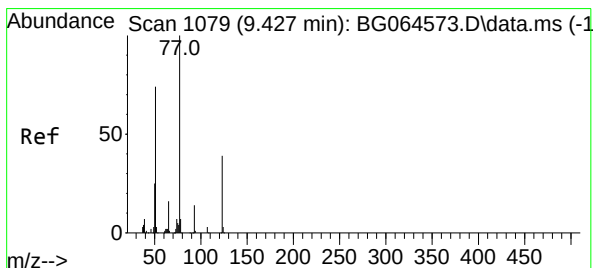
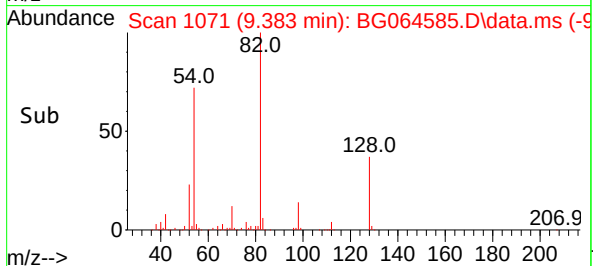
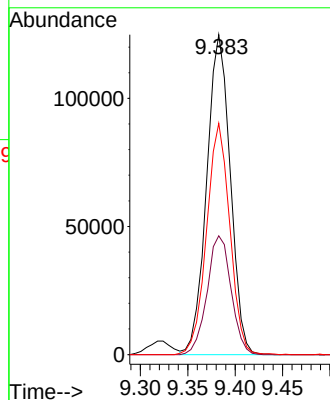
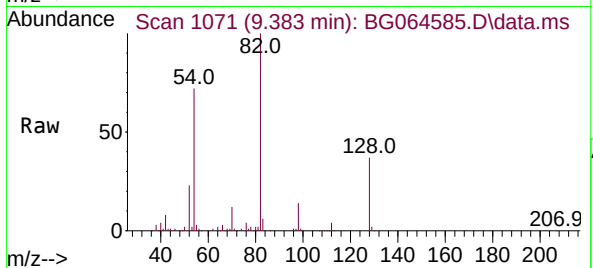
Ion	Ratio	Lower	Upper
82	100		
128	37.1	31.3	46.9
54	72.3	56.6	84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 40.598 ng

RT: 9.424 min Scan# 1078

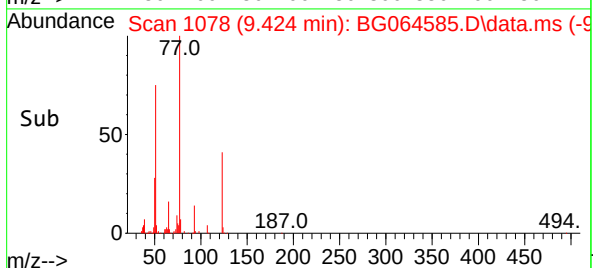
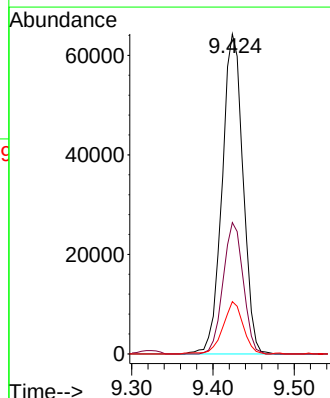
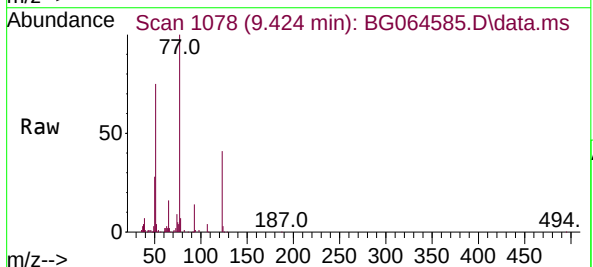
Delta R.T. -0.003 min

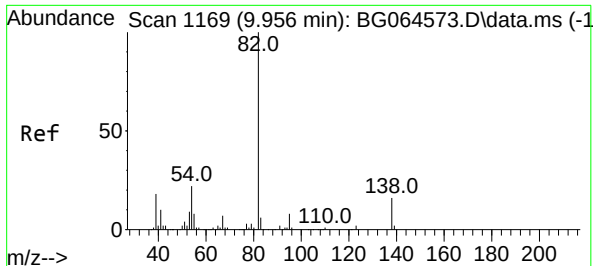
Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

Tgt Ion: 77 Resp: 114657

Ion	Ratio	Lower	Upper
77	100		
123	41.0	31.0	46.6
65	16.3	12.7	19.1





#25
Isophorone
Concen: 39.607 ng
RT: 9.953 min Scan# 1168
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

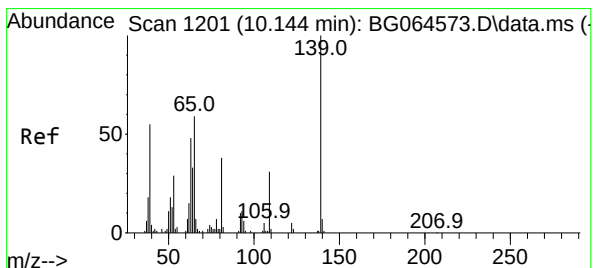
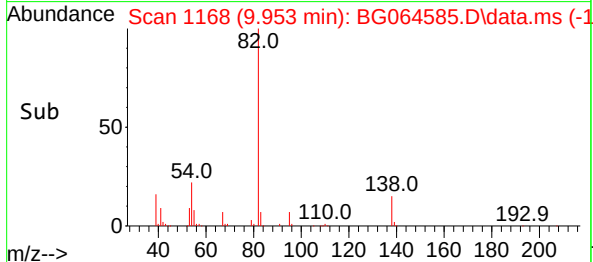
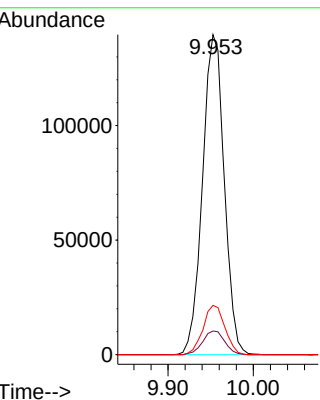
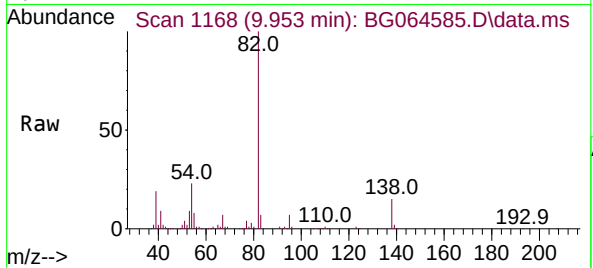
ClientSampleId :

PB170222BS

Tgt Ion: 82 Resp: 24677
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 15.4 13.0 19.4

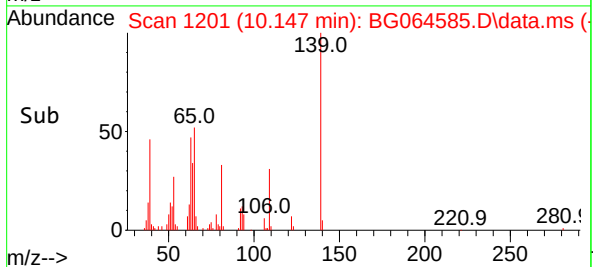
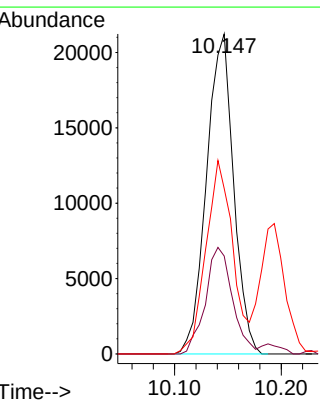
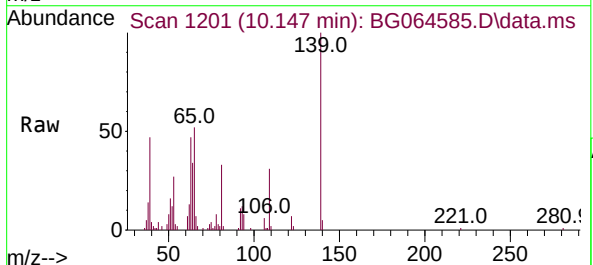
Manual Integrations
APPROVED

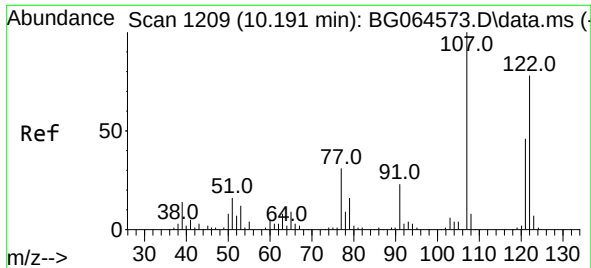
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#26
2-Nitrophenol
Concen: 35.348 ng
RT: 10.147 min Scan# 1201
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:139 Resp: 37556
Ion Ratio Lower Upper
139 100
109 30.6 24.6 37.0
65 51.7 47.5 71.3





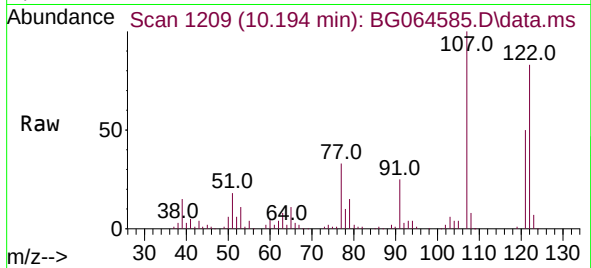
#27
2,4-Dimethylphenol
Concen: 49.917 ng
RT: 10.194 min Scan# 1209
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

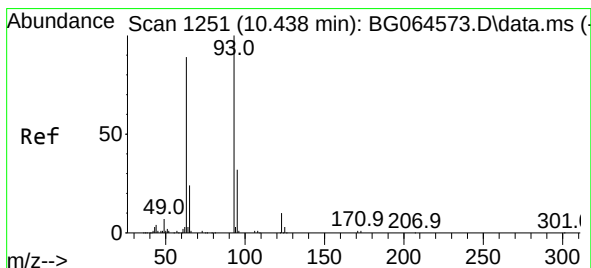
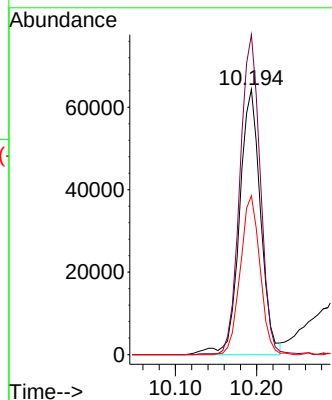
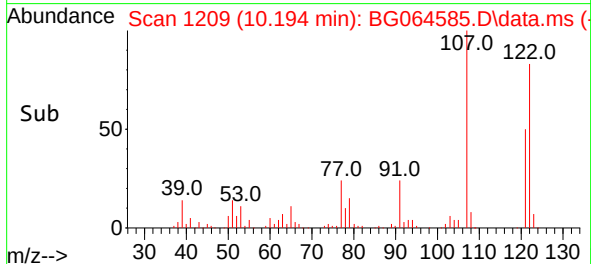


Tgt Ion:122 Resp: 115691
Ion Ratio Lower Upper
122 100
107 120.7 103.0 154.4
121 59.9 47.8 71.8

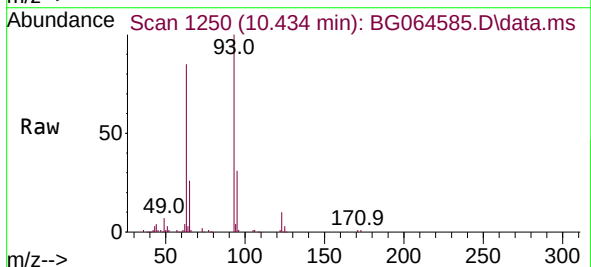
Manual Integrations

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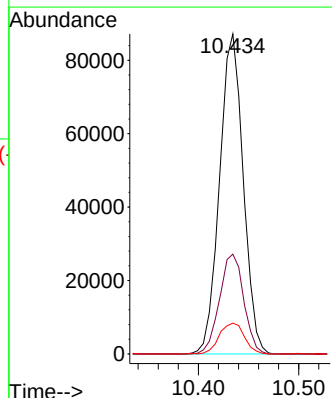
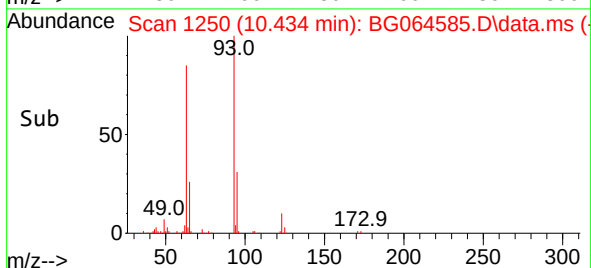
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

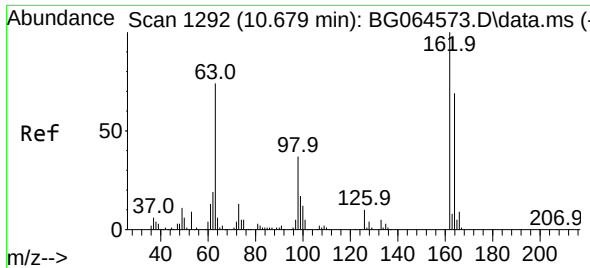


#28
bis(2-Chloroethoxy)methane
Concen: 40.240 ng
RT: 10.434 min Scan# 1250
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion: 93 Resp: 142754
Ion Ratio Lower Upper
93 100
95 31.2 25.4 38.2
123 9.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 44.759 ng

RT: 10.675 min Scan# 1292

Delta R.T. -0.003 min

Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

Tgt Ion:162 Resp: 111640

Ion Ratio Lower Upper

162 100

164 65.0 48.7 88.7

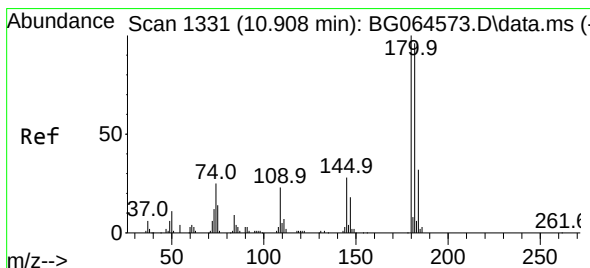
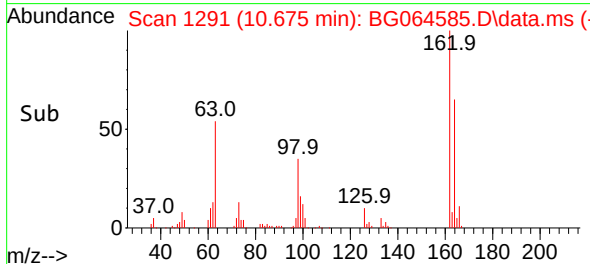
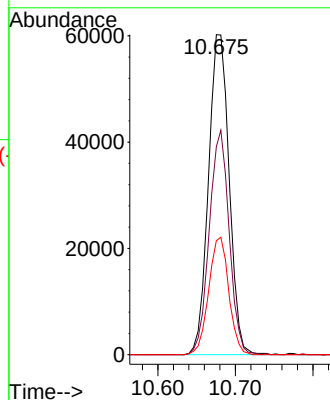
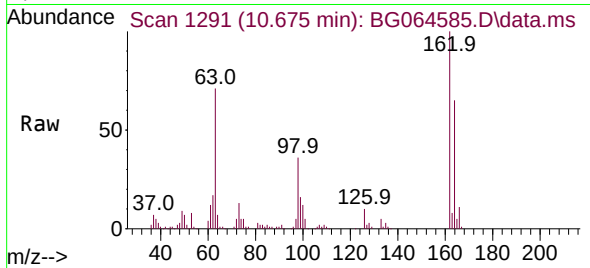
98 35.6 16.9 56.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.766 ng

RT: 10.904 min Scan# 1330

Delta R.T. -0.004 min

Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

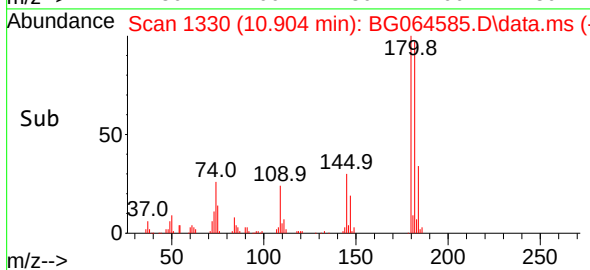
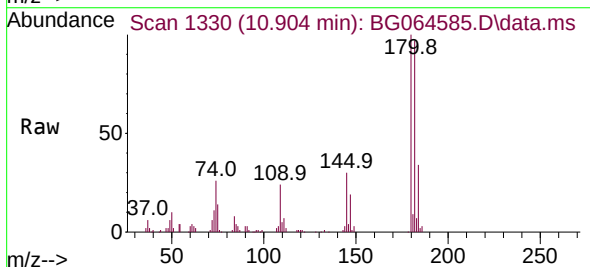
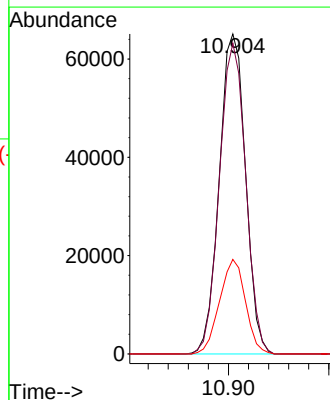
Tgt Ion:180 Resp: 118363

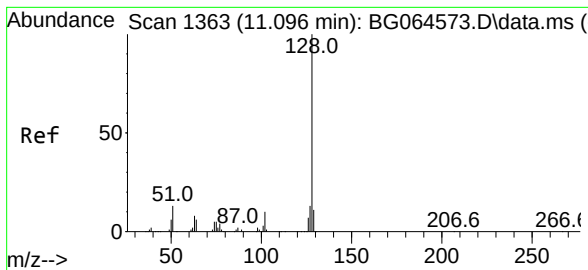
Ion Ratio Lower Upper

180 100

182 97.1 76.9 115.3

145 29.5 22.1 33.1





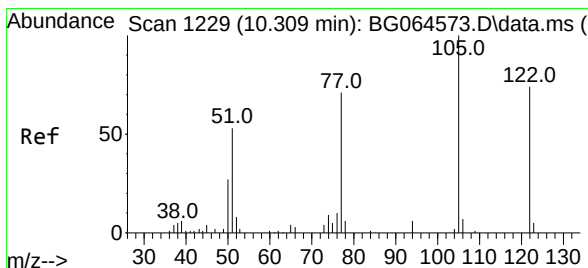
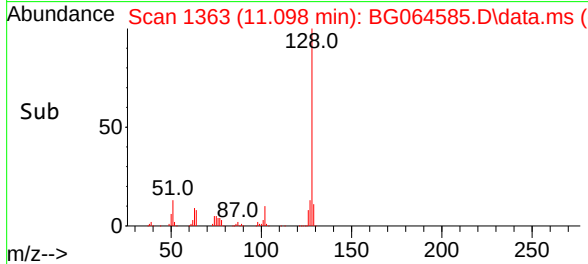
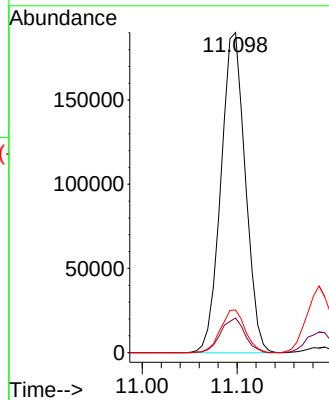
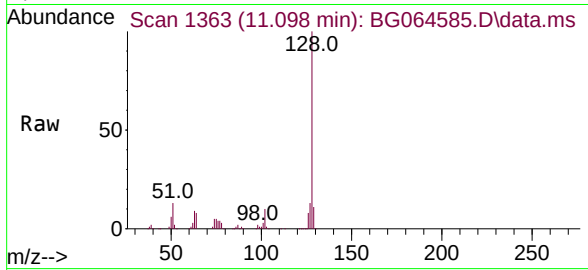
#31
Naphthalene
Concen: 39.255 ng
RT: 11.098 min Scan# 1363
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :
BNA_G
ClientSampleId :
PB170222BS

Tgt Ion:128 Resp: 33943
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.6 15.8

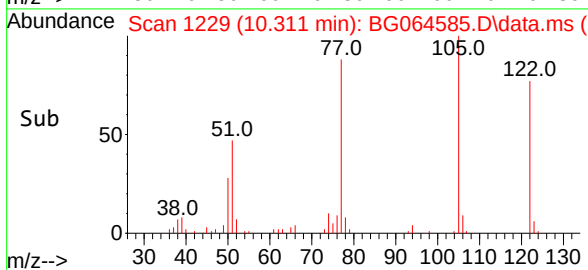
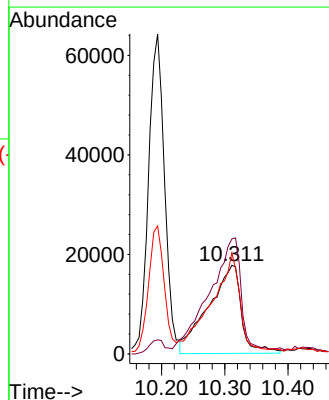
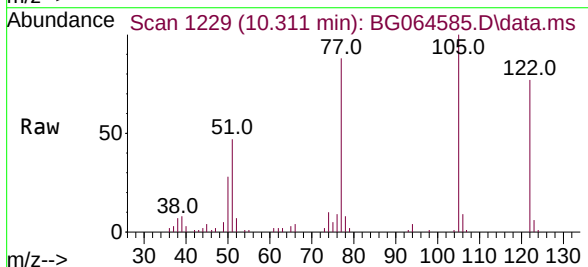
Manual Integrations
APPROVED

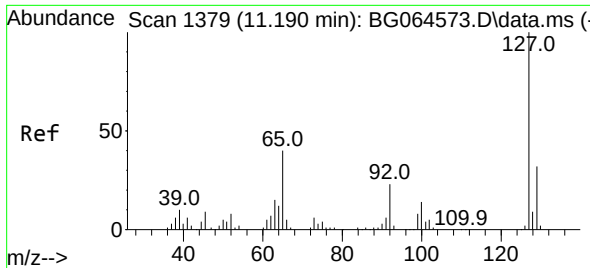
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 37.798 ng
RT: 10.311 min Scan# 1229
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:122 Resp: 64118
Ion Ratio Lower Upper
122 100
105 129.7 104.2 144.2
77 113.8 70.2 110.2#





#33
4-Chloroaniline
Concen: 20.838 ng
RT: 11.186 min Scan# 1379
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

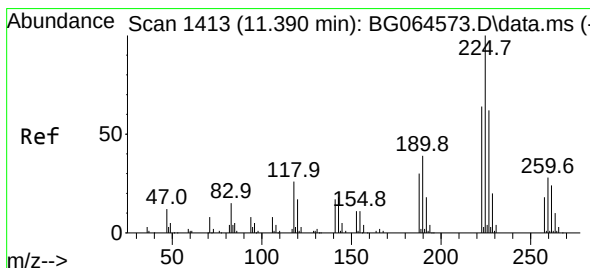
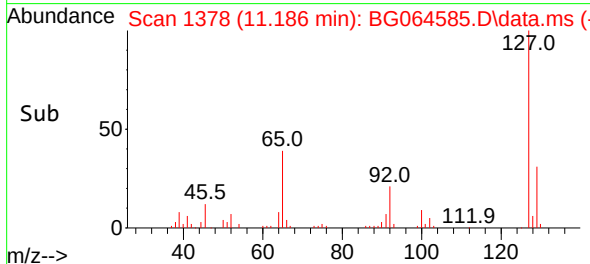
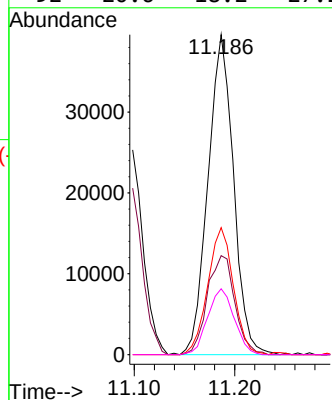
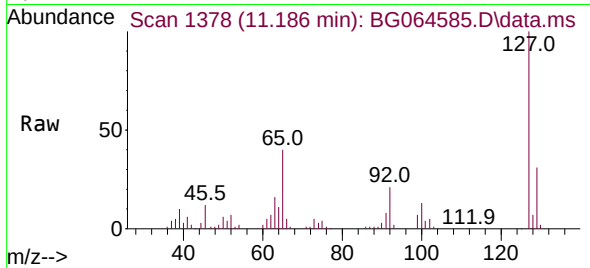
PB170222BS

Tgt Ion:127 Resp: 70034
Ion Ratio Lower Upper
127 100
129 30.9 25.5 38.3
65 39.7 32.2 48.4
92 20.6 18.2 27.2

Manual Integrations

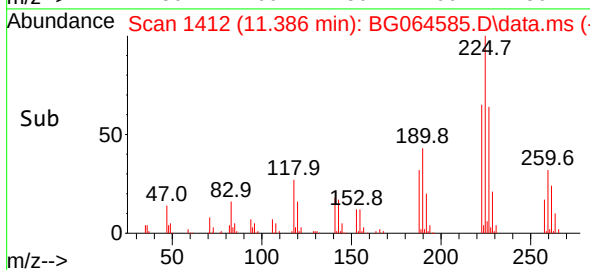
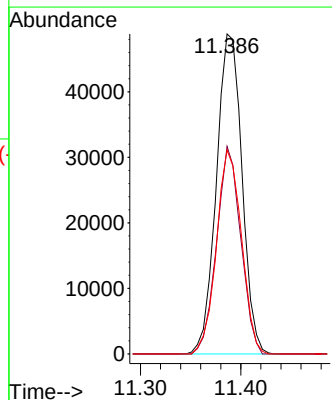
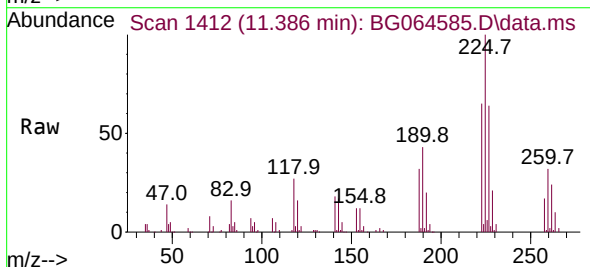
APPROVED

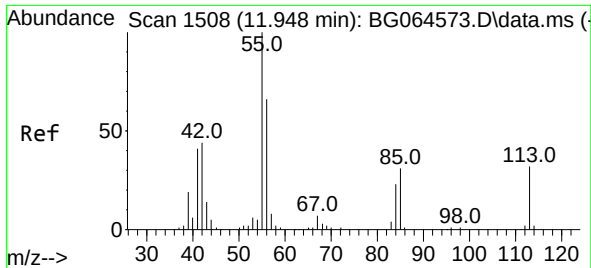
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 39.103 ng
RT: 11.386 min Scan# 1412
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:225 Resp: 86664
Ion Ratio Lower Upper
225 100
223 61.3 48.8 73.2
227 62.9 49.5 74.3





#35
 Caprolactam
 Concen: 39.018 ng m
 RT: 11.944 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

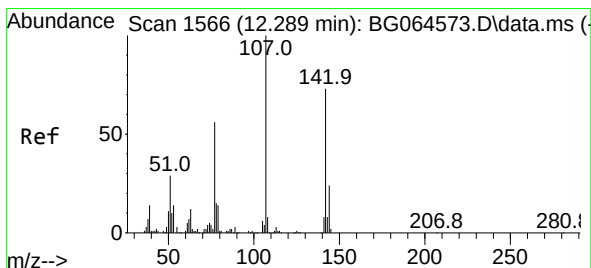
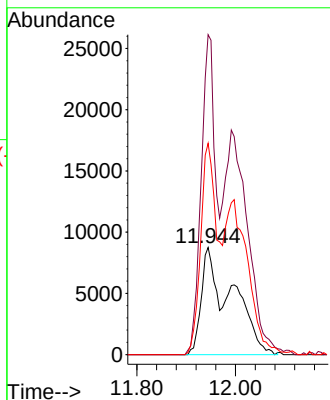
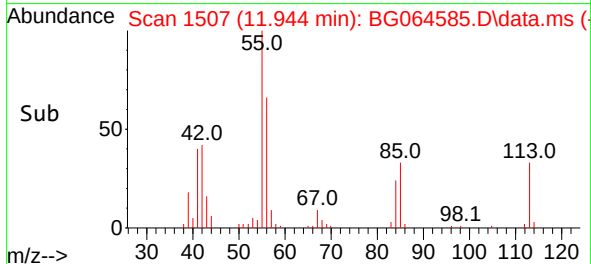
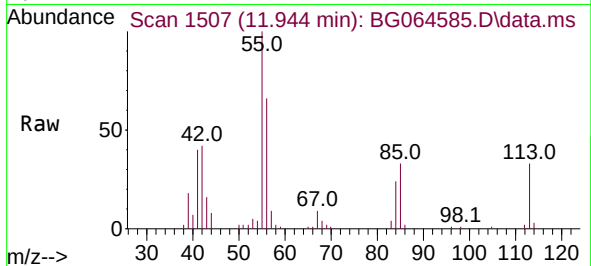
PB170222BS

Tgt Ion:113 Resp: 37326
 Ion Ratio Lower Upper
 113 100
 55 298.5 290.1 330.1
 56 197.1 183.8 223.8

Manual Integrations

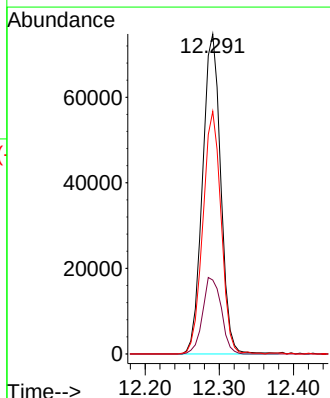
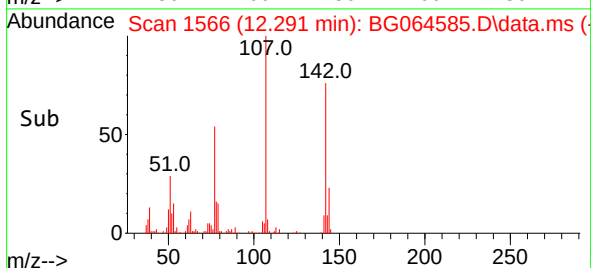
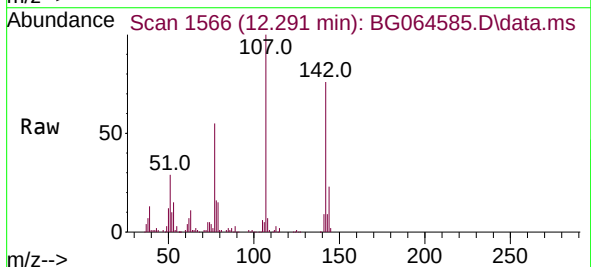
APPROVED

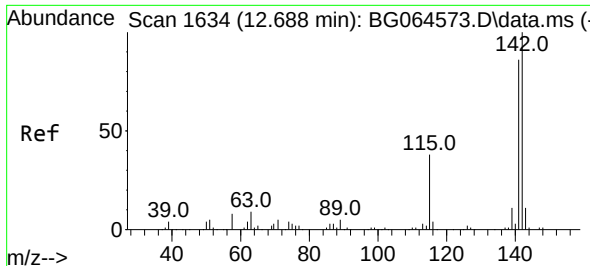
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#36
 4-Chloro-3-methylphenol
 Concen: 42.436 ng
 RT: 12.291 min Scan# 1566
 Delta R.T. 0.002 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19

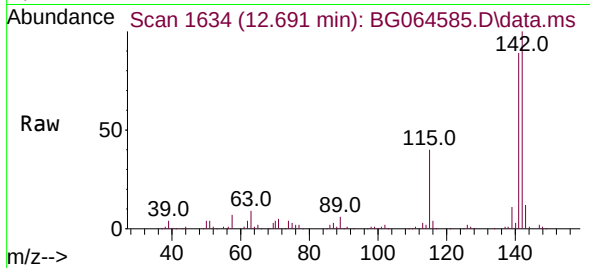
Tgt Ion:107 Resp: 127228
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.1 28.7
 142 75.8 58.6 87.8





#37
2-Methylnaphthalene
Concen: 36.618 ng
RT: 12.691 min Scan# 1634
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

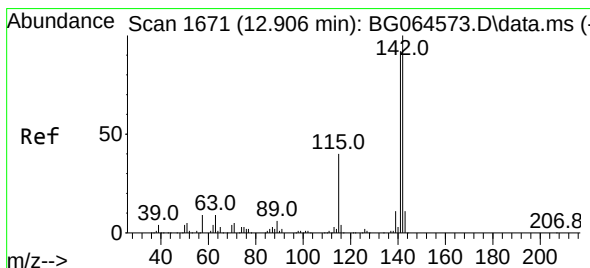
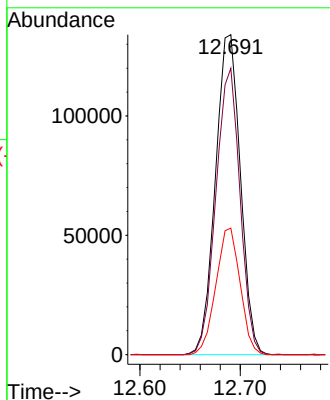
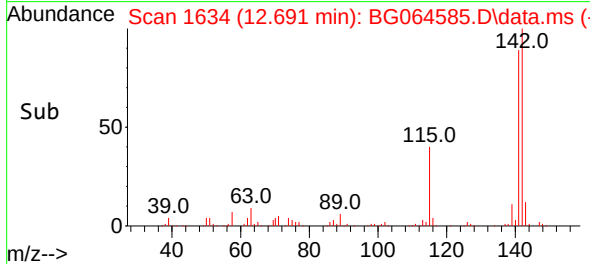
Instrument :
BNA_G
ClientSampleId :
PB170222BS



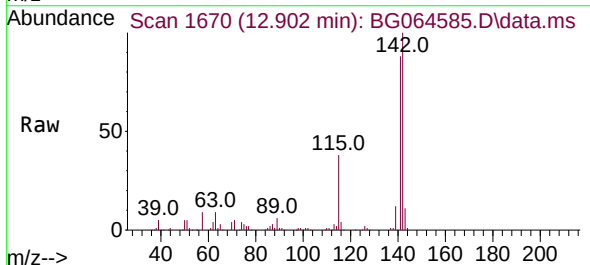
Tgt Ion:142 Resp: 232462
Ion Ratio Lower Upper
142 100
141 89.5 68.9 103.3
115 39.6 30.6 46.0

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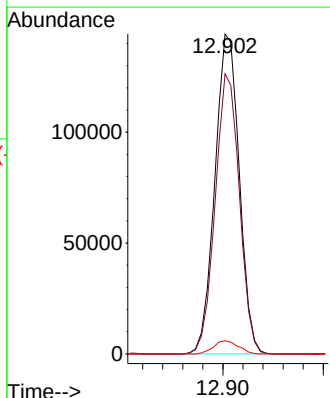
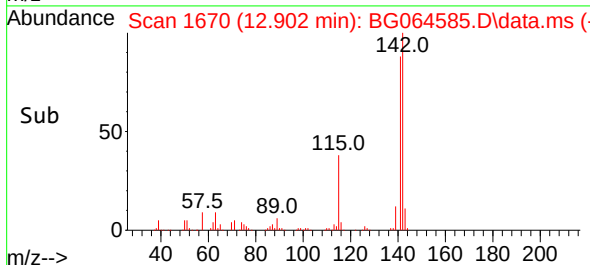
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

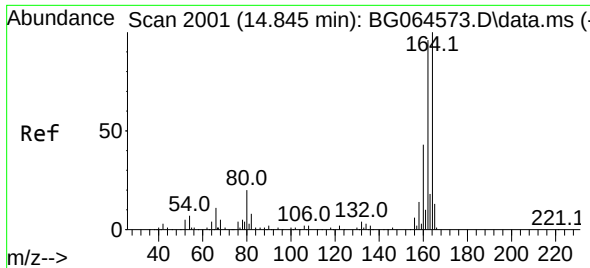


#38
1-Methylnaphthalene
Concen: 38.739 ng
RT: 12.902 min Scan# 1670
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



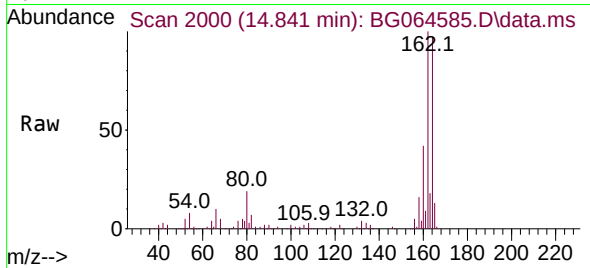
Tgt Ion:142 Resp: 243465
Ion Ratio Lower Upper
142 100
141 87.5 73.3 109.9
116 4.1 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

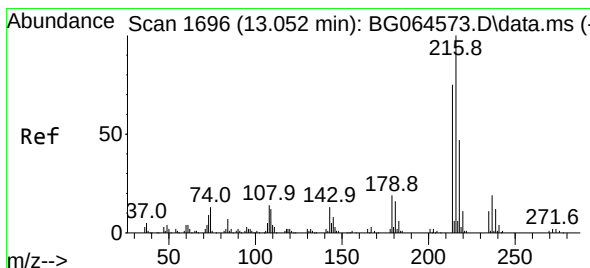
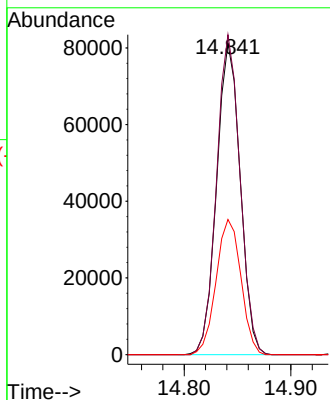
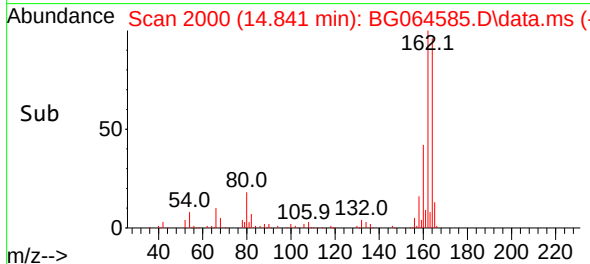
Instrument :
BNA_G
ClientSampleId :
PB170222BS



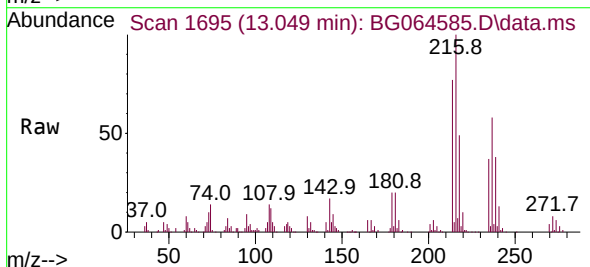
Tgt Ion:164 Resp: 125062
Ion Ratio Lower Upper
164 100
162 102.7 77.0 115.6
160 43.4 34.4 51.6

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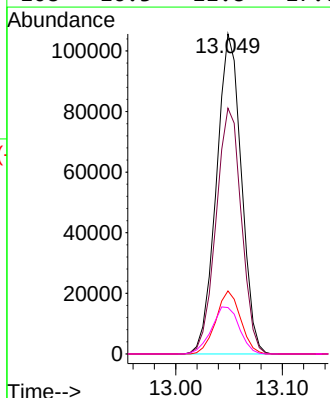
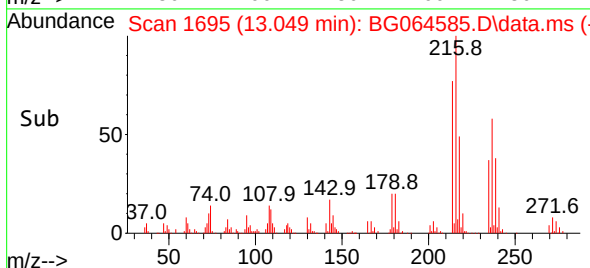
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

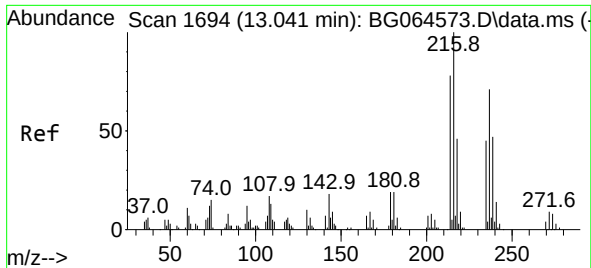


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.947 ng
RT: 13.049 min Scan# 1695
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



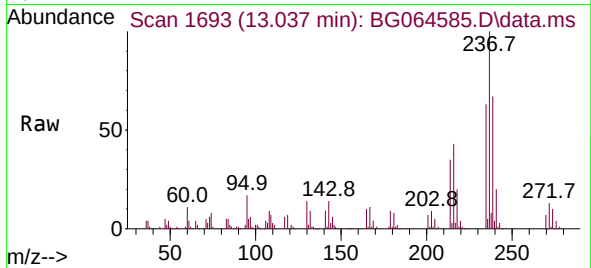
Tgt Ion:216 Resp: 171867
Ion Ratio Lower Upper
216 100
214 78.0 61.4 92.2
179 19.4 15.4 23.0
108 16.3 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 98.243 ng
RT: 13.037 min Scan# 1693
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

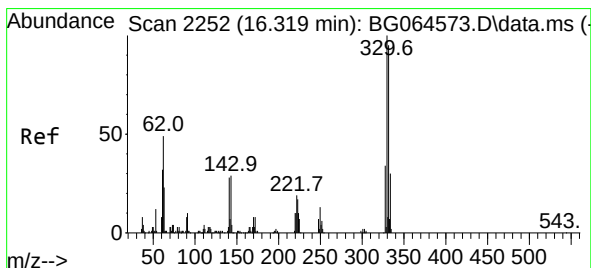
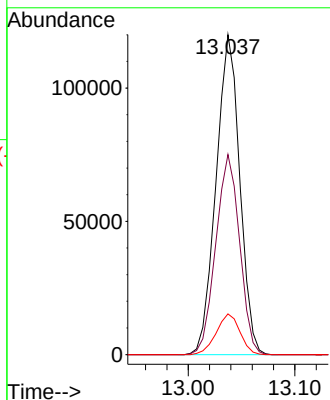
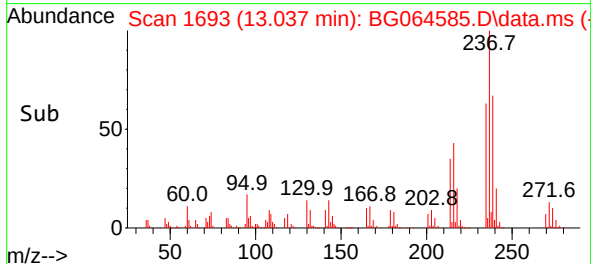
Instrument :
BNA_G
ClientSampleId :
PB170222BS



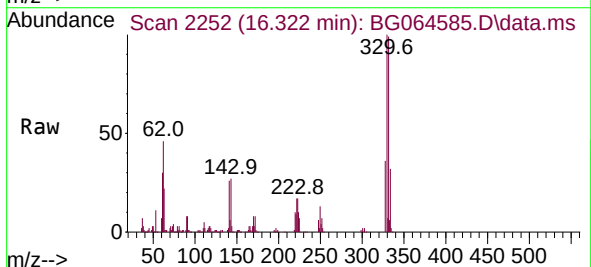
Tgt Ion:237 Resp: 185605
Ion Ratio Lower Upper
237 100
235 62.5 44.1 84.1
272 12.7 0.0 32.4

Manual Integrations
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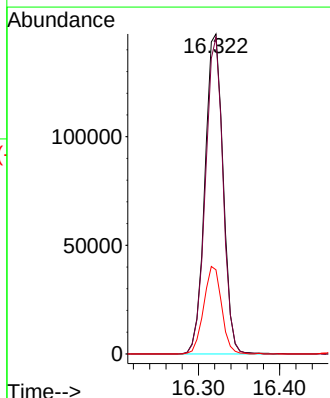
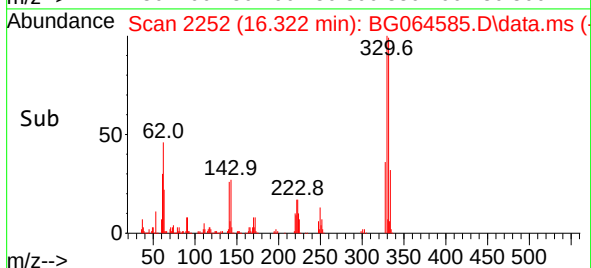
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

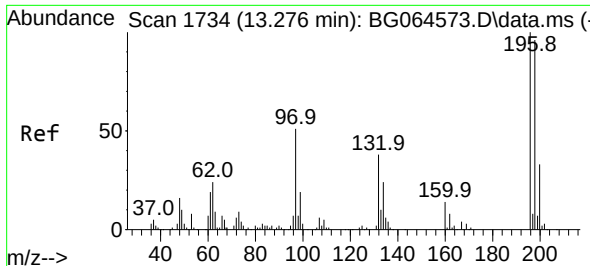


#42
2,4,6-Tribromophenol
Concen: 126.650 ng
RT: 16.322 min Scan# 2252
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



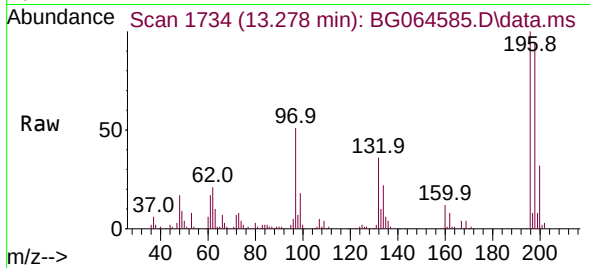
Tgt Ion:330 Resp: 228615
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 26.9 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 43.543 ng
RT: 13.278 min Scan# 1734
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

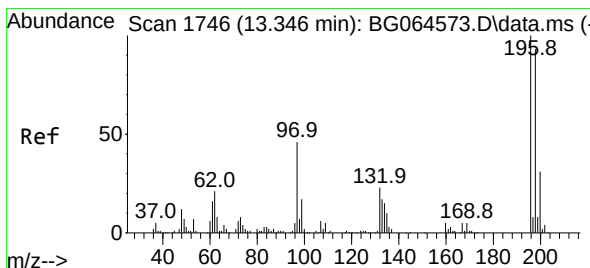
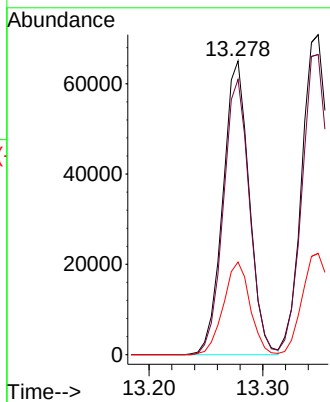
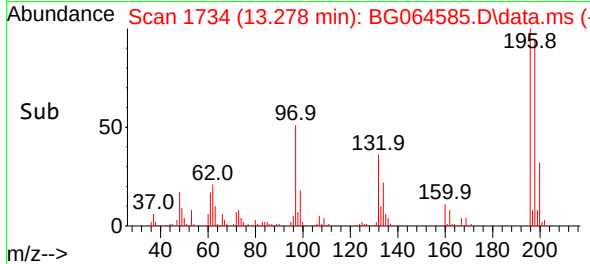
Instrument :
BNA_G
ClientSampleId :
PB170222BS



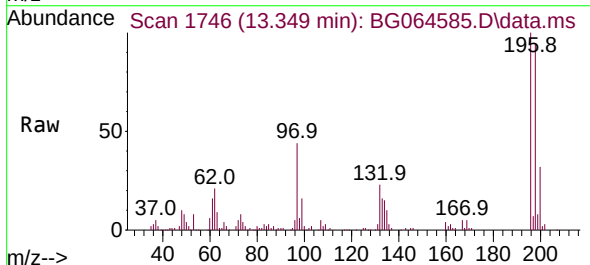
Tgt Ion:196 Resp: 104542
Ion Ratio Lower Upper
196 100
198 93.7 76.6 115.0
200 31.5 26.0 39.0

Manual Integrations
APPROVED

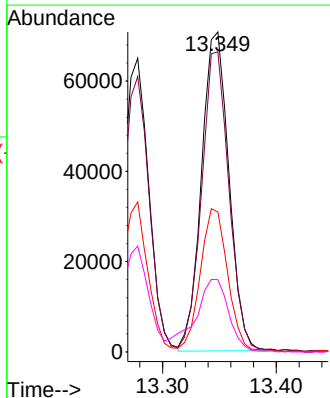
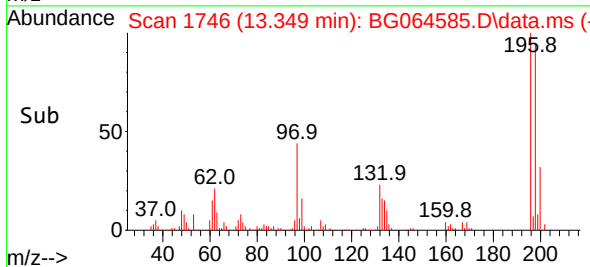
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

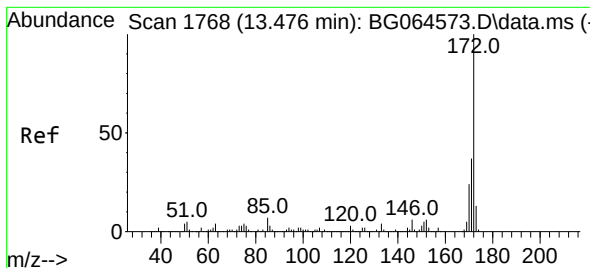


#44
2,4,5-Trichlorophenol
Concen: 42.754 ng
RT: 13.349 min Scan# 1746
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion:196 Resp: 118455
Ion Ratio Lower Upper
196 100
198 93.8 74.2 111.4
97 43.7 37.0 55.6
132 22.6 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 80.119 ng

RT: 13.472 min Scan# 1768

Delta R.T. -0.003 min

Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

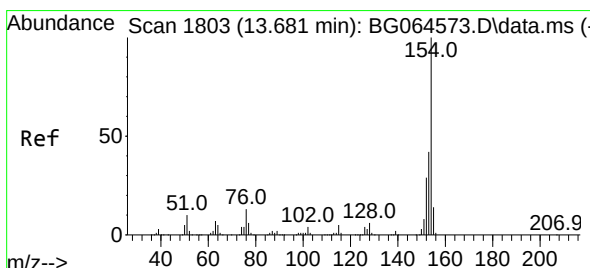
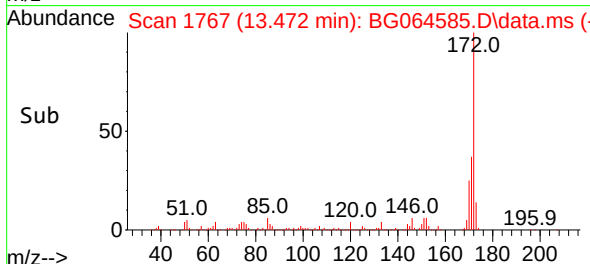
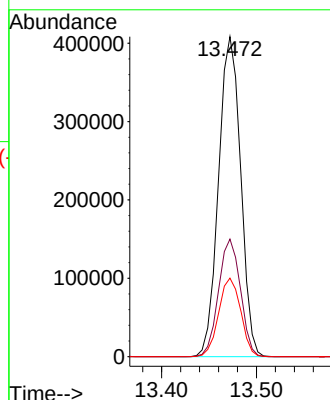
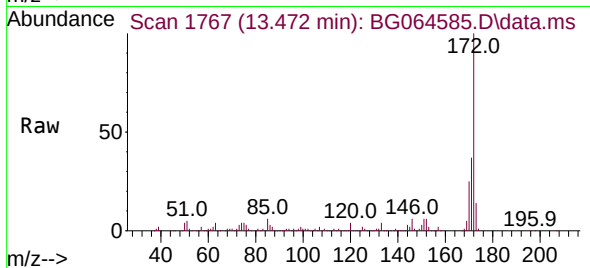
Tgt Ion:172	Resp: 661073
Ion Ratio	Lower Upper
172 100	
171 36.7	29.4 44.0
170 24.5	19.1 28.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#46

1,1'-Biphenyl

Concen: 42.422 ng

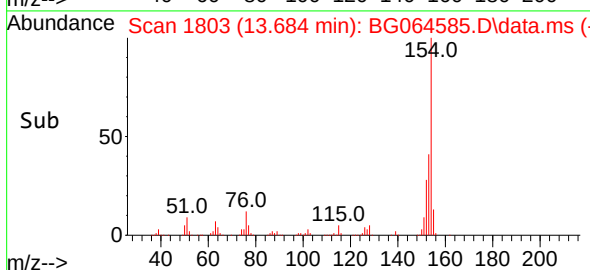
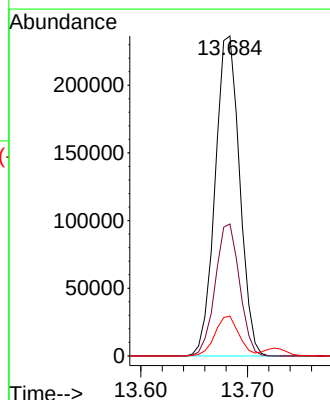
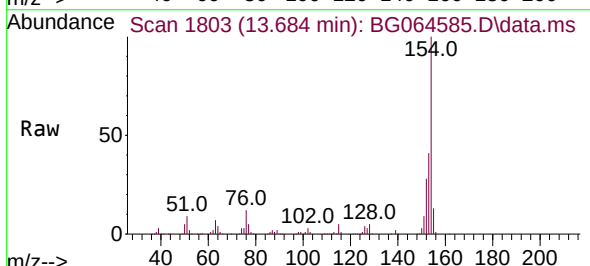
RT: 13.684 min Scan# 1803

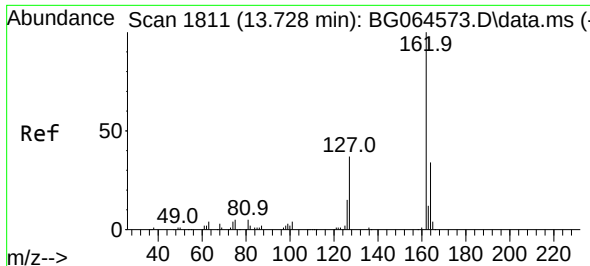
Delta R.T. 0.002 min

Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

Tgt Ion:154	Resp: 377195
Ion Ratio	Lower Upper
154 100	
153 41.2	22.4 62.4
76 12.4	0.0 33.5





#47
2-Chloronaphthalene
Concen: 39.345 ng
RT: 13.725 min Scan# 1811
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

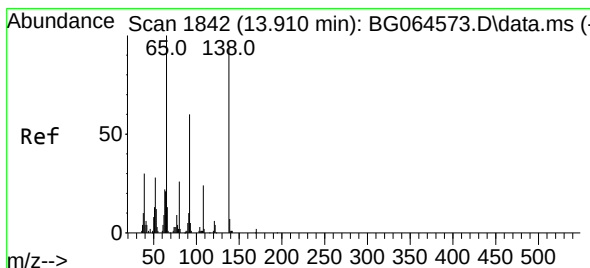
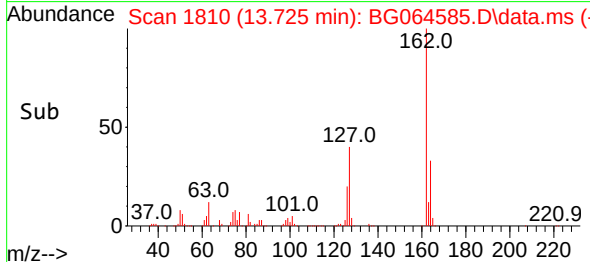
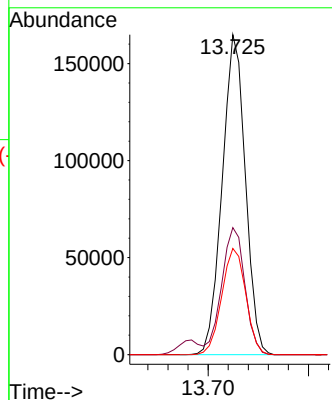
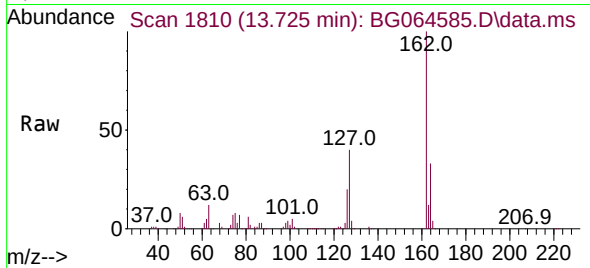
PB170222BS

Tgt Ion:162 Resp: 264066
Ion Ratio Lower Upper
162 100
127 39.7 32.2 48.2
164 33.2 27.5 41.3

Manual Integrations

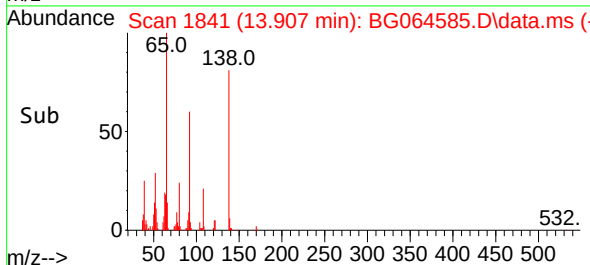
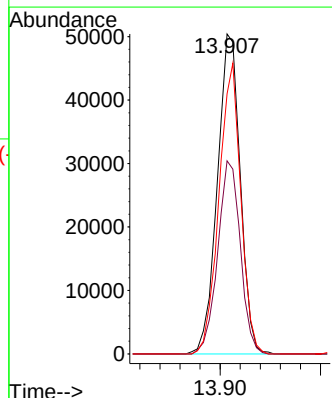
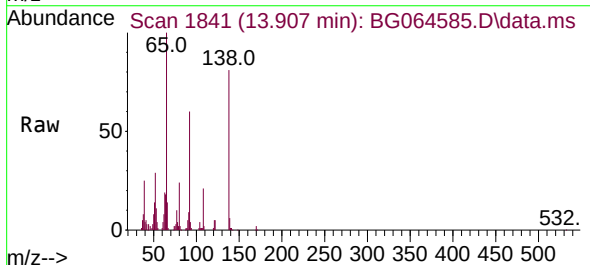
APPROVED

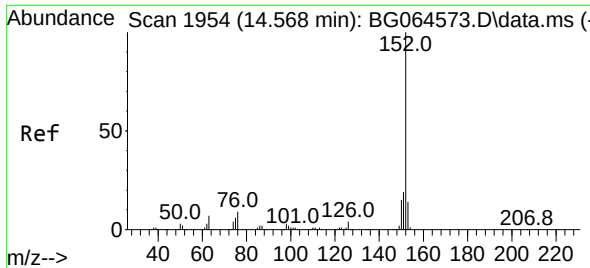
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#48
2-Nitroaniline
Concen: 36.321 ng
RT: 13.907 min Scan# 1841
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

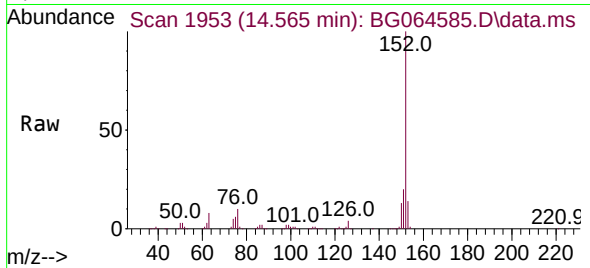
Tgt Ion: 65 Resp: 79939
Ion Ratio Lower Upper
65 100
92 60.3 48.3 72.5
138 81.3 74.9 112.3





#49
Acenaphthylene
Concen: 45.049 ng
RT: 14.565 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

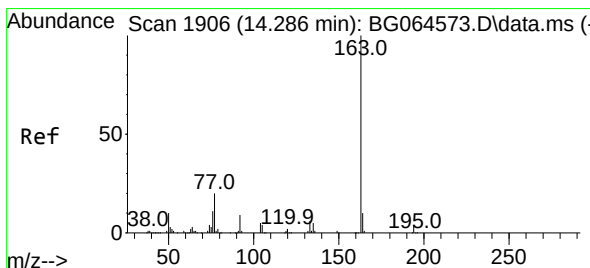
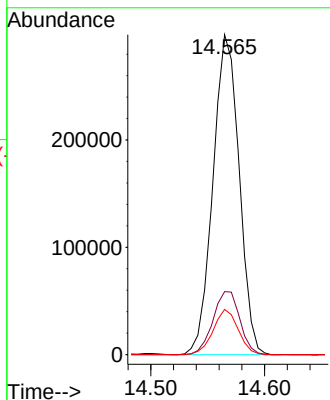
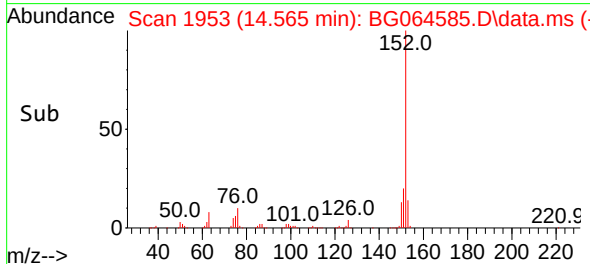
Instrument :
BNA_G
ClientSampleId :
PB170222BS



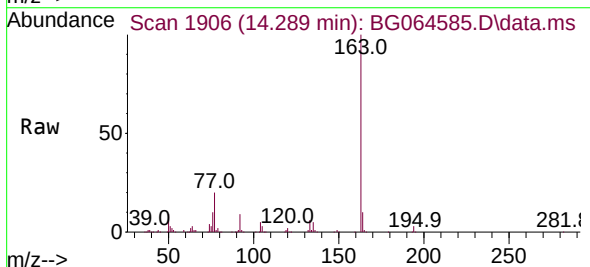
Tgt Ion:152 Resp: 476895
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 14.1 11.0 16.4

Manual Integrations
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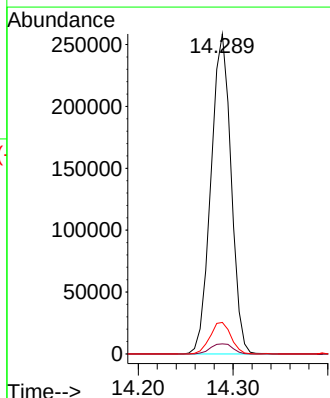
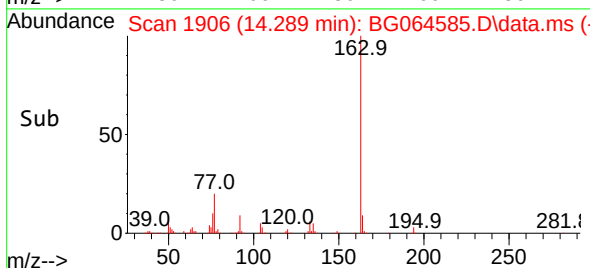
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

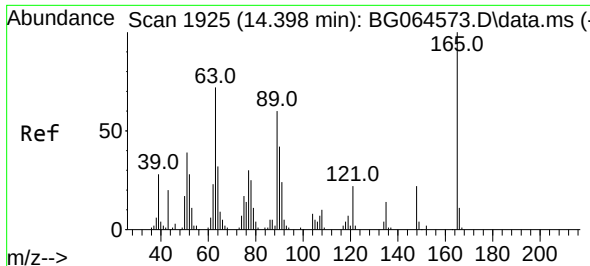


#50
Dimethylphthalate
Concen: 39.792 ng
RT: 14.289 min Scan# 1906
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion:163 Resp: 380815
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.8 7.7 11.5





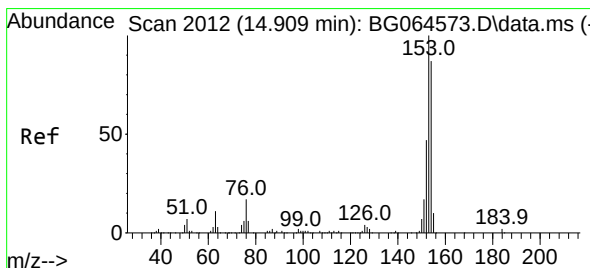
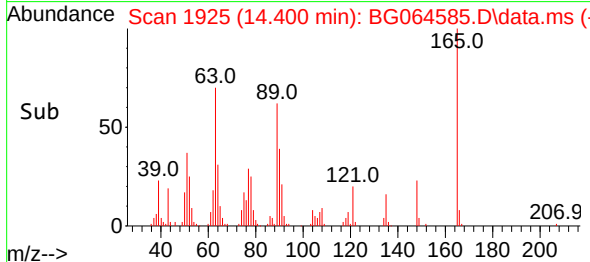
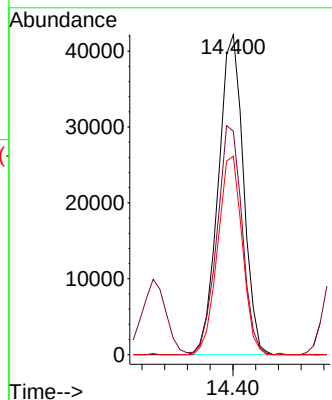
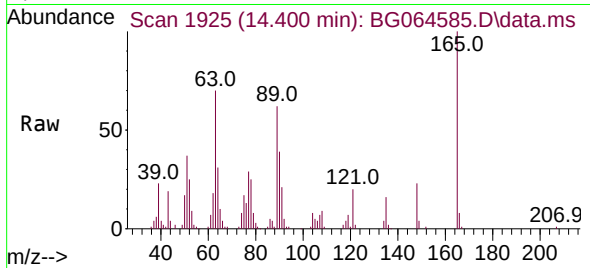
#51
2,6-Dinitrotoluene
Concen: 41.306 ng
RT: 14.400 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :
BNA_G
ClientSampleId :
PB170222BS

Tgt Ion:165 Resp: 64472
Ion Ratio Lower Upper
165 100
63 69.8 57.4 86.0
89 62.0 47.8 71.8

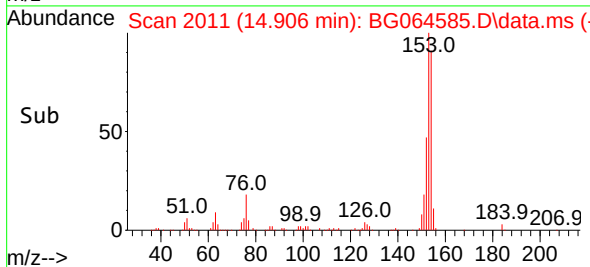
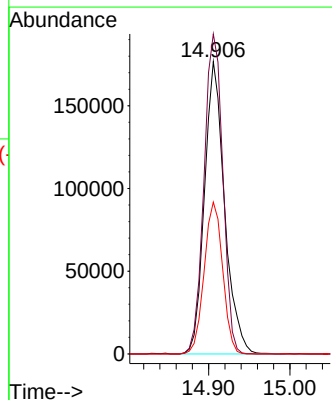
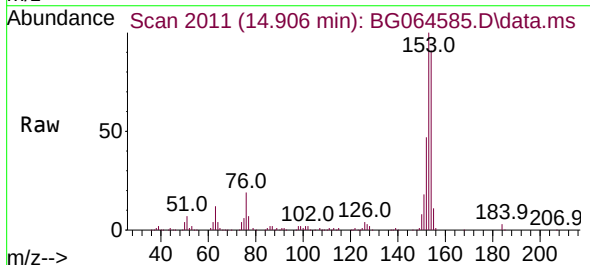
Manual Integrations
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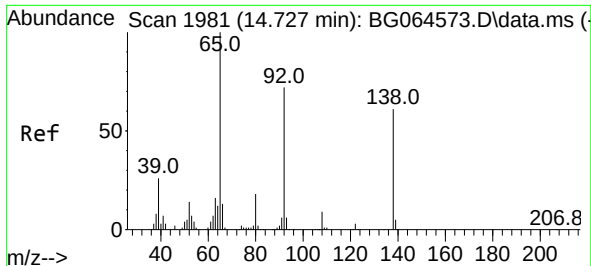
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 41.995 ng
RT: 14.906 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:154 Resp: 303736
Ion Ratio Lower Upper
154 100
153 109.5 92.2 138.4
152 52.0 43.2 64.8





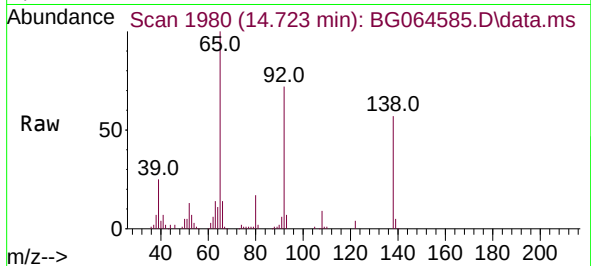
#53
3-Nitroaniline
Concen: 29.254 ng
RT: 14.723 min Scan# 1981
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

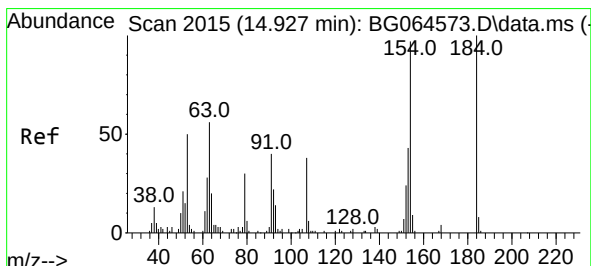
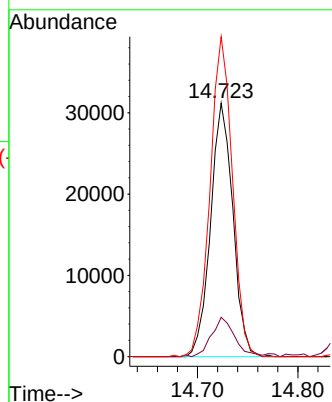
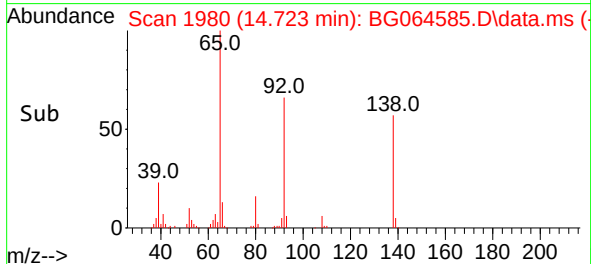


Tgt Ion:138 Resp: 48114
Ion Ratio Lower Upper
138 100
108 15.5 11.4 17.0
92 126.2 95.3 142.9

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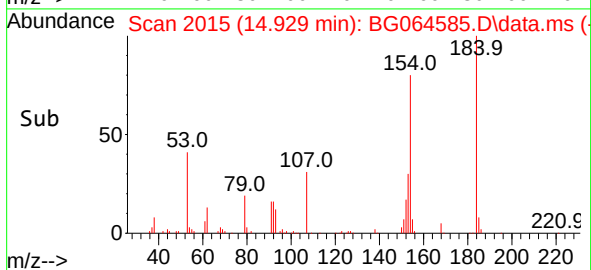
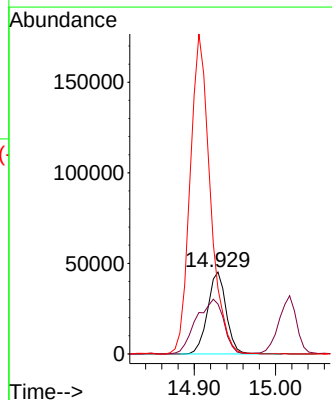
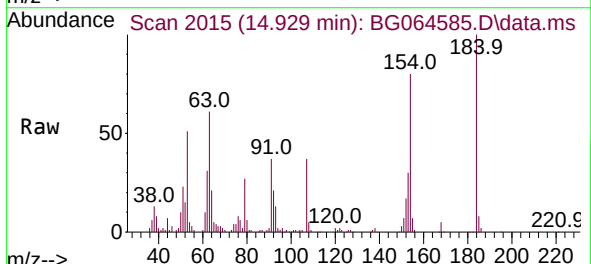
APPROVED

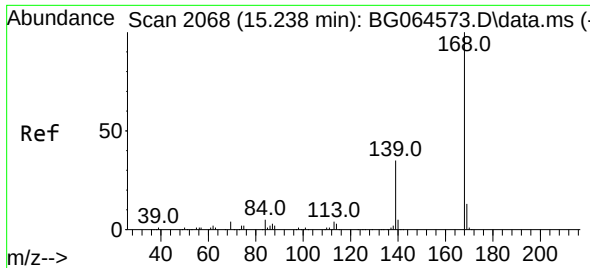
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 74.300 ng
RT: 14.929 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

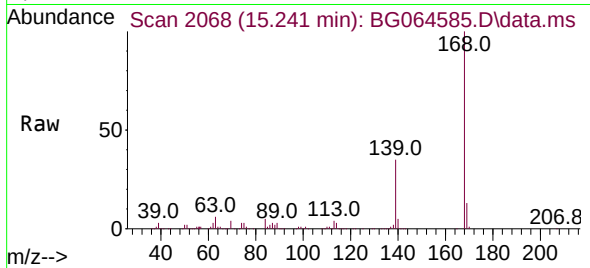
Tgt Ion:184 Resp: 71581
Ion Ratio Lower Upper
184 100
63 60.9 56.6 85.0
154 79.8 158.6 238.0#





#55
Dibenzenofuran
Concen: 39.839 ng
RT: 15.241 min Scan# 2068
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

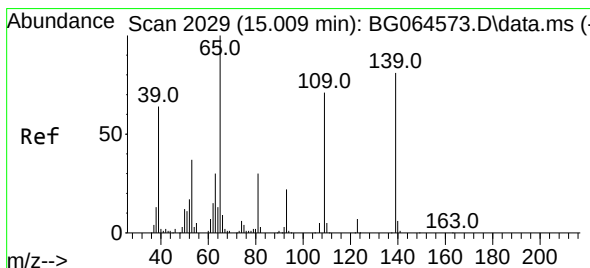
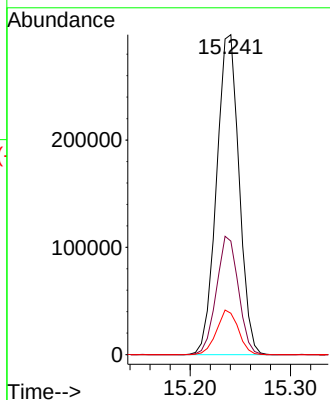
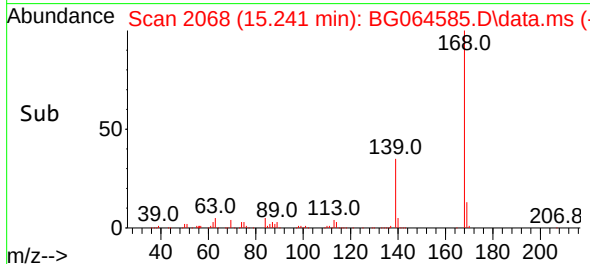
Instrument :
BNA_G
ClientSampleId :
PB170222BS



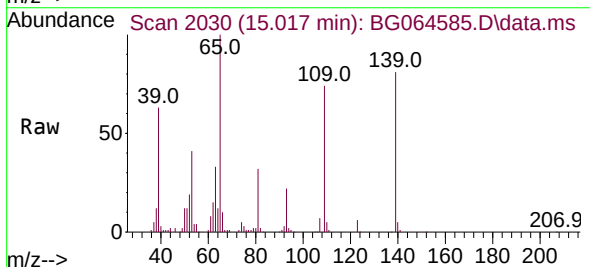
Tgt Ion:168 Resp: 465842
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.8
169 12.9 10.3 15.5

Manual Integrations
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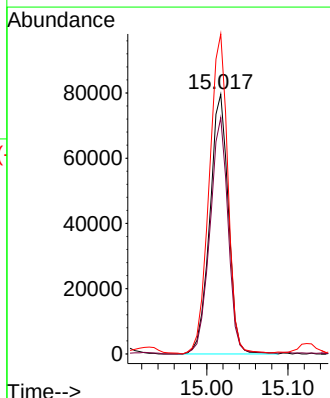
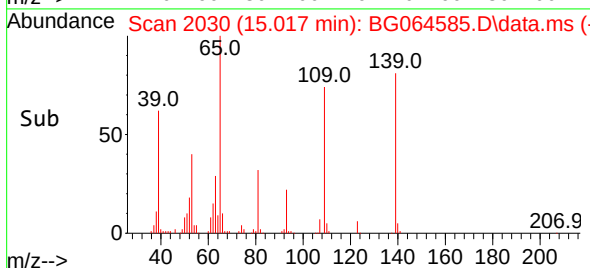
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

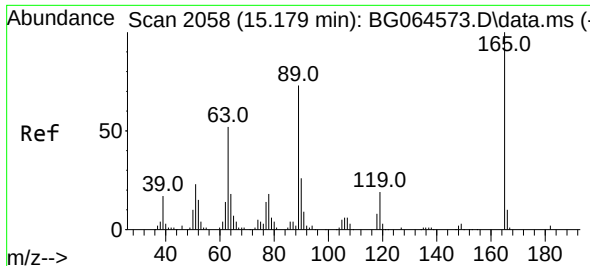


#56
4-Nitrophenol
Concen: 82.675 ng
RT: 15.017 min Scan# 2030
Delta R.T. 0.008 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion:139 Resp: 126067
Ion Ratio Lower Upper
139 100
109 91.0 67.8 107.8
65 123.3 103.7 143.7





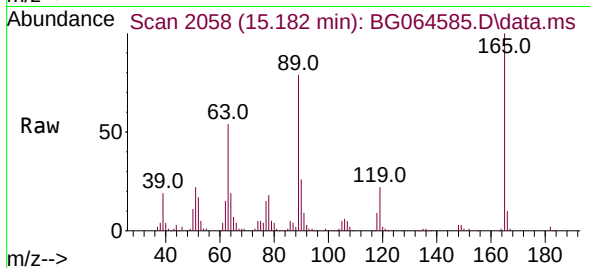
#57
2,4-Dinitrotoluene
Concen: 38.990 ng
RT: 15.182 min Scan# 2058
Delta R.T. 0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

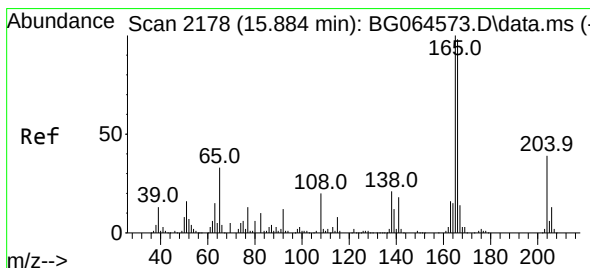
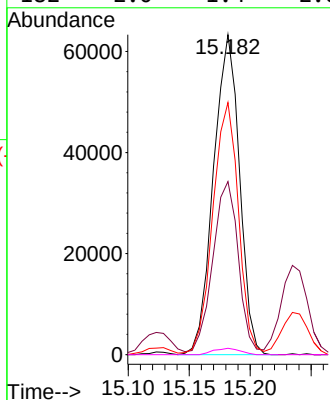
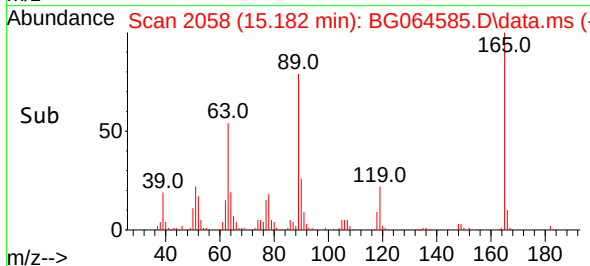


Tgt Ion:165 Resp: 93700
Ion Ratio Lower Upper
165 100
63 54.1 41.8 62.8
89 78.8 58.1 87.1
182 2.0 1.4 2.0

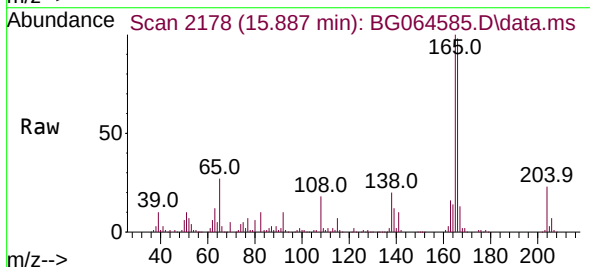
Manual Integrations

APPROVED

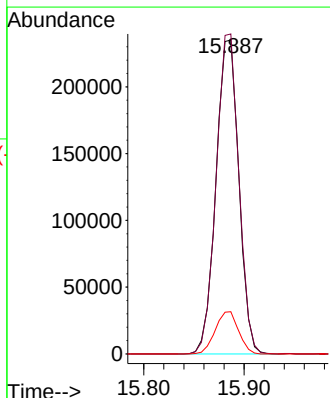
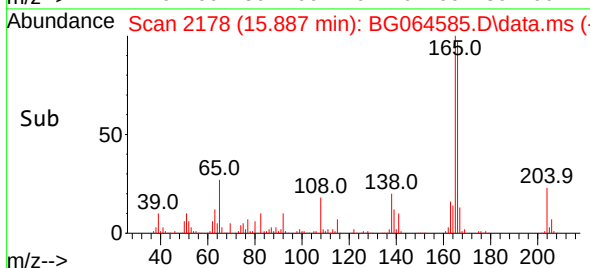
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

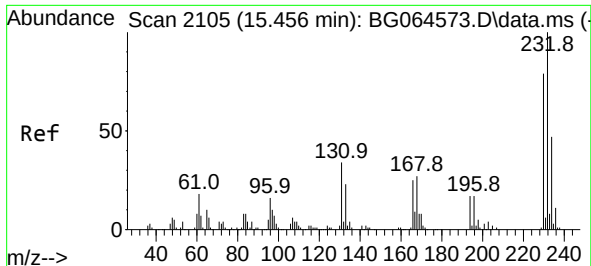


#58
Fluorene
Concen: 40.861 ng
RT: 15.887 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion:166 Resp: 373136
Ion Ratio Lower Upper
166 100
165 102.0 81.5 122.3
167 13.4 11.4 17.0





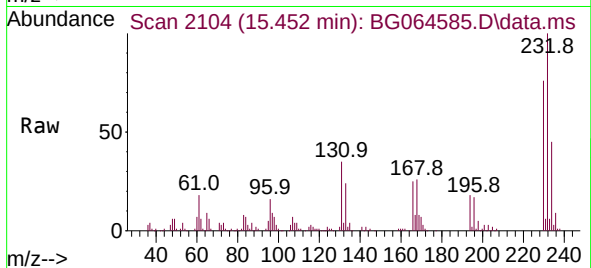
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.296 ng
RT: 15.452 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

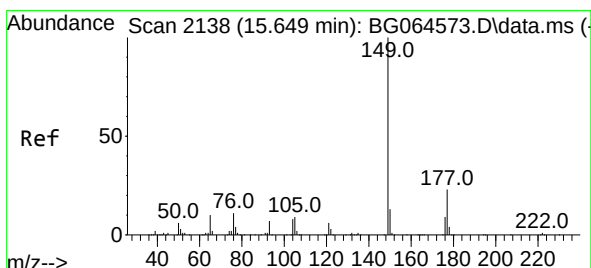
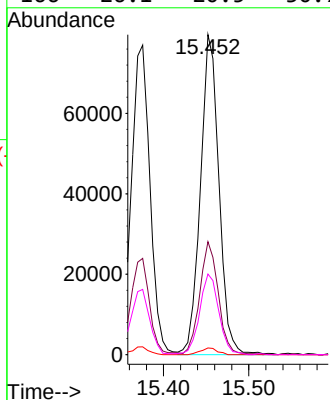
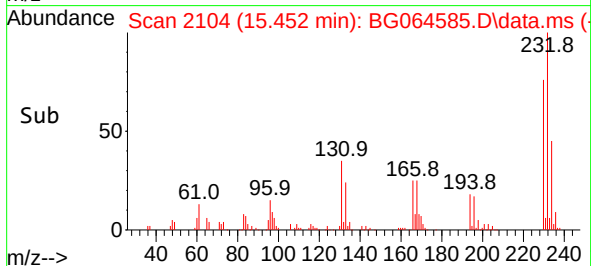


Tgt Ion:232 Resp: 12000
Ion Ratio Lower Upper
232 100
131 35.5 26.7 40.1
130 1.9 1.6 2.4
166 26.1 20.5 30.7

Manual Integrations

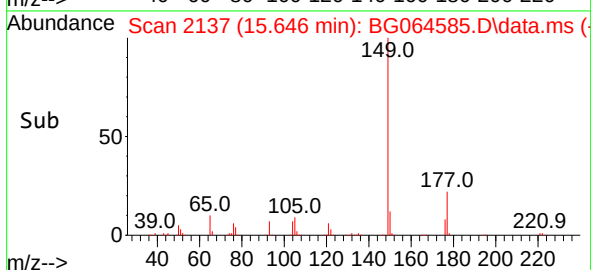
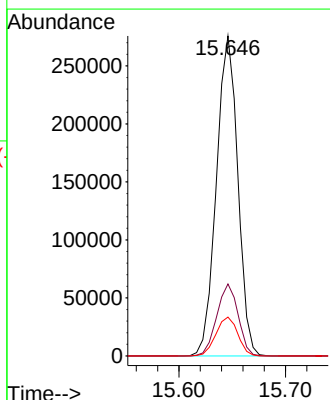
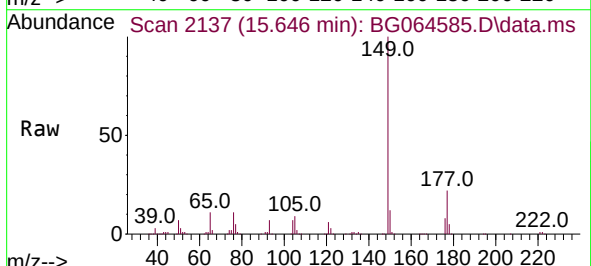
APPROVED

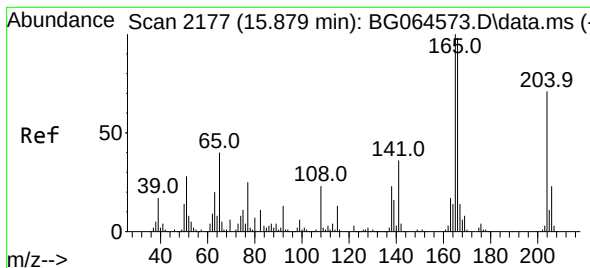
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#60
Diethylphthalate
Concen: 39.422 ng
RT: 15.646 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:149 Resp: 385214
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.1 10.2 15.4





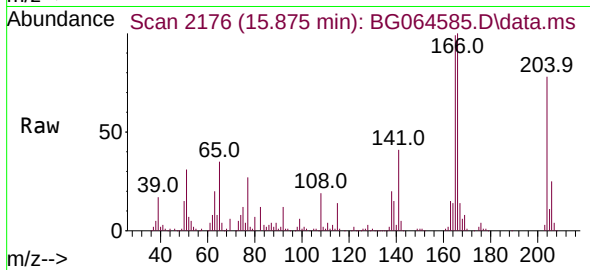
#61
4-Chlorophenyl-phenylether
Concen: 40.032 ng
RT: 15.875 min Scan# 2176
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

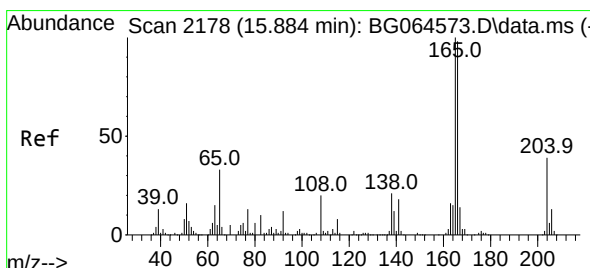
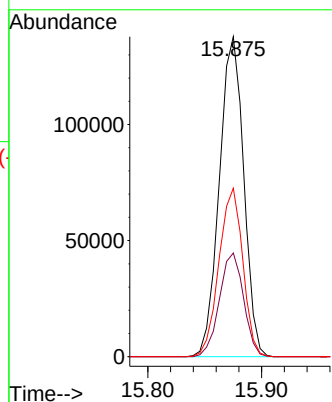
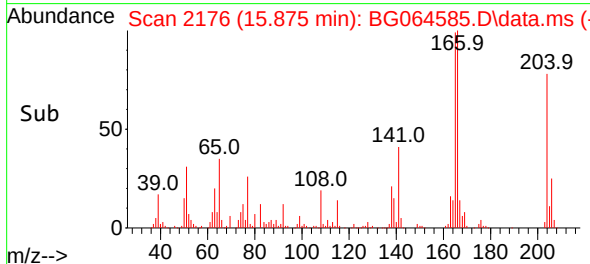


Tgt Ion:204 Resp: 205156
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 52.6 40.6 60.8

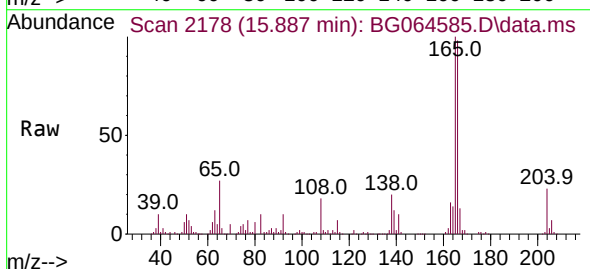
Manual Integrations

APPROVED

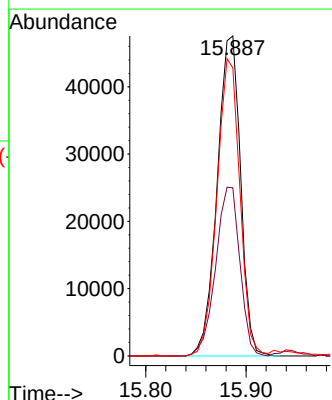
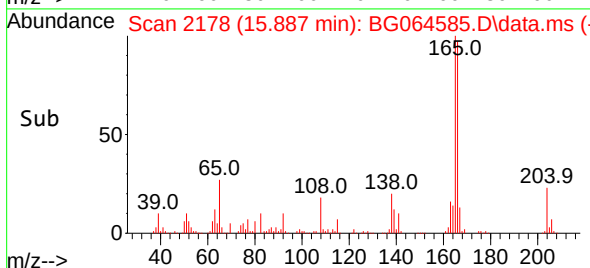
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

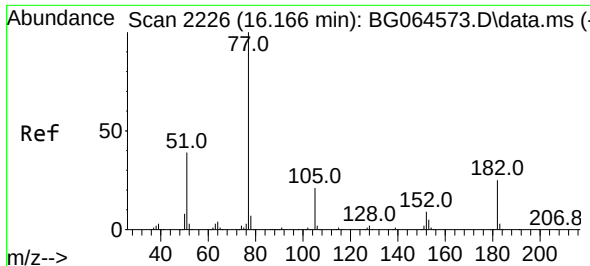


#62
4-Nitroaniline
Concen: 42.140 ng
RT: 15.887 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion:138 Resp: 77104
Ion Ratio Lower Upper
138 100
92 52.5 36.1 76.1
108 90.0 75.6 115.6





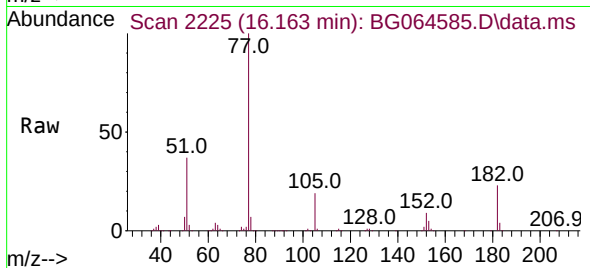
#63
Azobenzene
Concen: 41.741 ng
RT: 16.163 min Scan# 2226
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

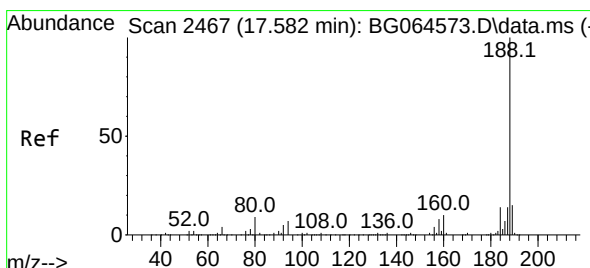
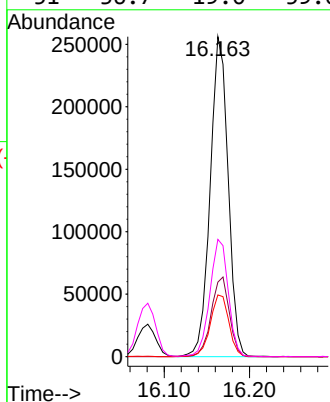
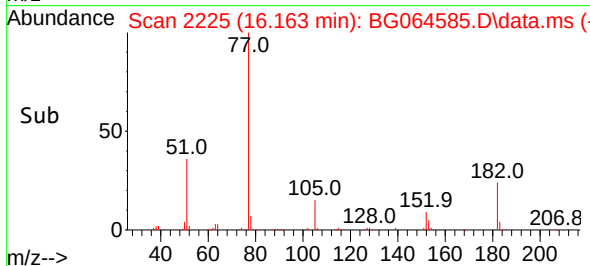


Tgt Ion: 77 Resp: 374238
Ion Ratio Lower Upper
77 100
182 23.3 4.9 44.9
105 19.3 1.3 41.3
51 36.7 19.0 59.0

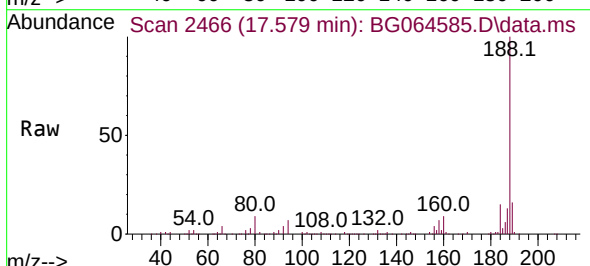
Manual Integrations

APPROVED

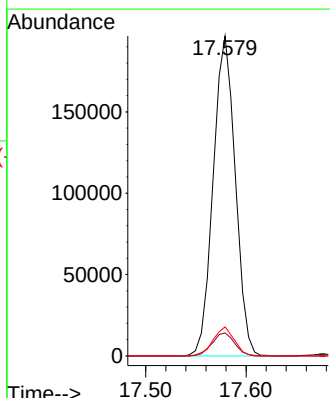
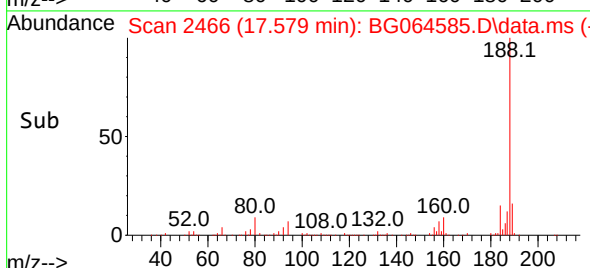
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

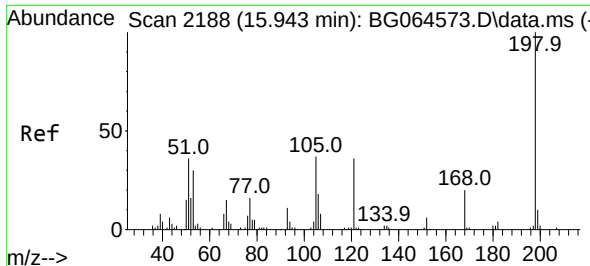


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion:188 Resp: 301008
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 9.1 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 39.318 ng
RT: 15.946 min Scan# 2188
Delta R.T. 0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

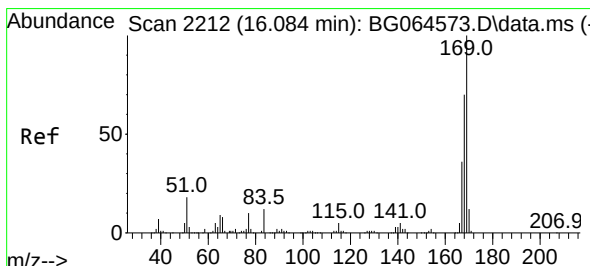
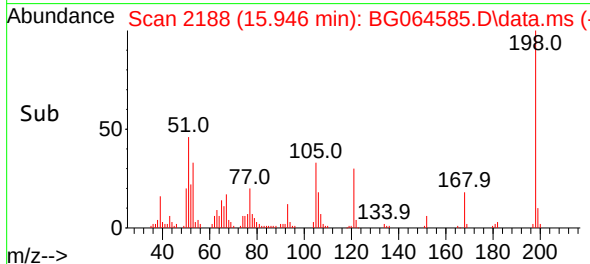
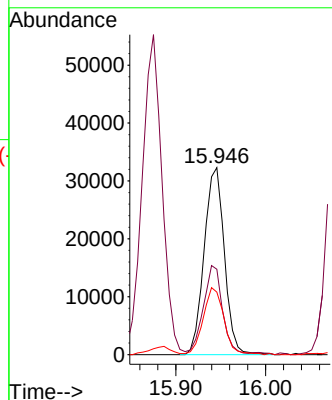
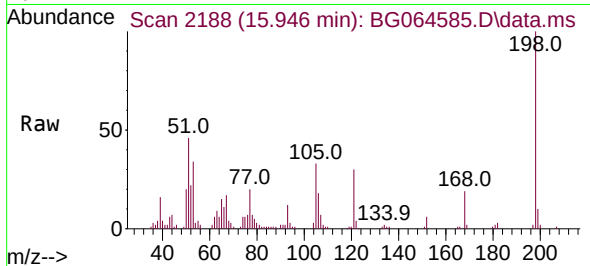
ClientSampleId :

PB170222BS

Tgt Ion:198 Resp: 50612
Ion Ratio Lower Upper
198 100
51 45.7 24.7 64.7
105 33.4 18.0 58.0

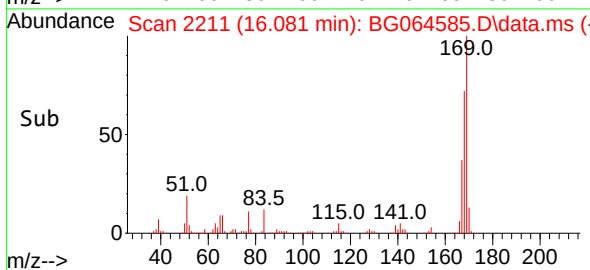
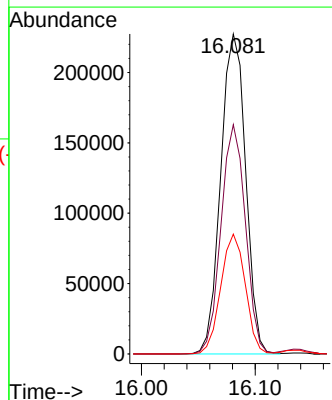
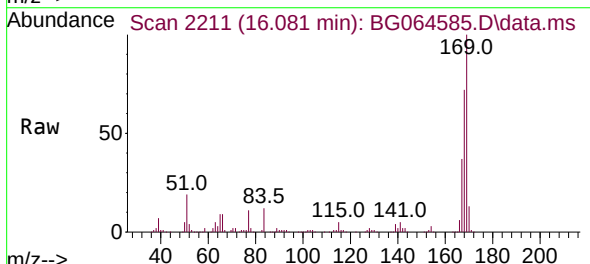
Manual Integrations
APPROVED

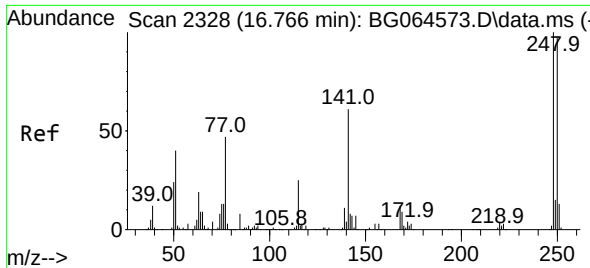
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#66
n-Nitrosodiphenylamine
Concen: 42.521 ng
RT: 16.081 min Scan# 2211
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

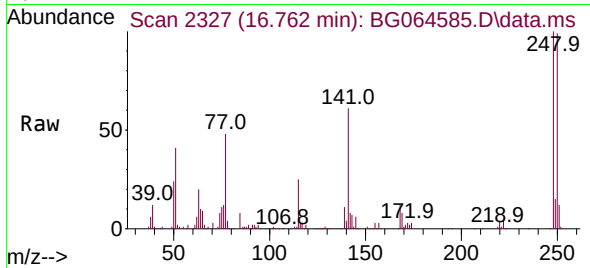
Tgt Ion:169 Resp: 345741
Ion Ratio Lower Upper
169 100
168 71.6 56.3 84.5
167 37.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.873 ng
RT: 16.762 min Scan# 2328
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

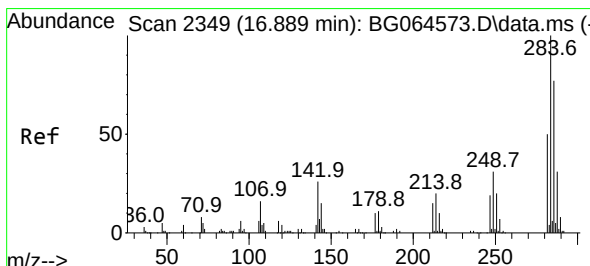
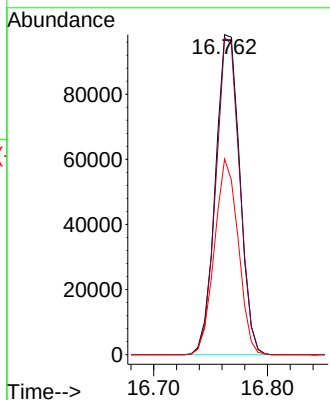
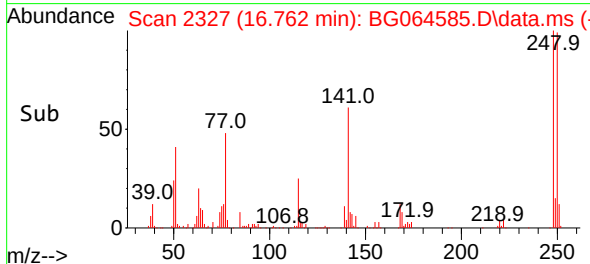
Instrument :
BNA_G
ClientSampleId :
PB170222BS



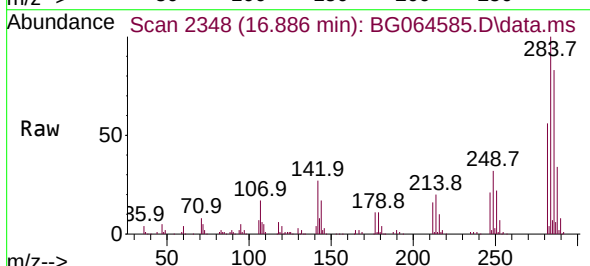
Tgt Ion:248 Resp: 145798
Ion Ratio Lower Upper
248 100
250 99.1 77.7 116.5
141 61.1 48.6 72.8

Manual Integrations
APPROVED

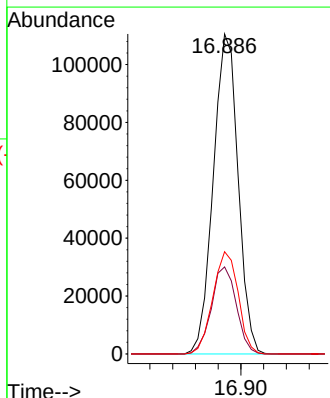
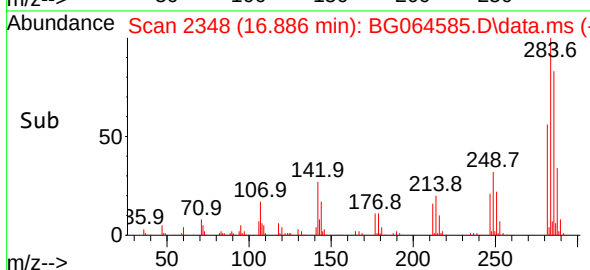
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

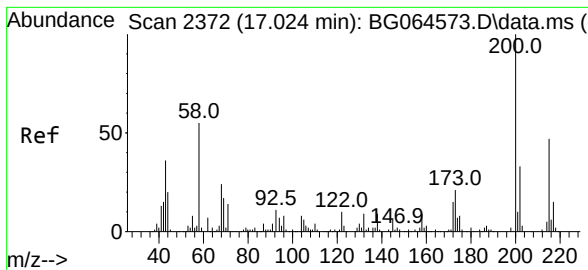


#68
Hexachlorobenzene
Concen: 41.086 ng
RT: 16.886 min Scan# 2348
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



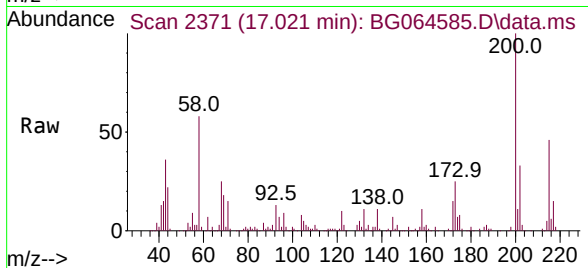
Tgt Ion:284 Resp: 167195
Ion Ratio Lower Upper
284 100
142 27.2 21.0 31.6
249 34.4 24.9 37.3





#69
 Atrazine
 Concen: 39.995 ng
 RT: 17.021 min Scan# 2372
 Delta R.T. -0.003 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19

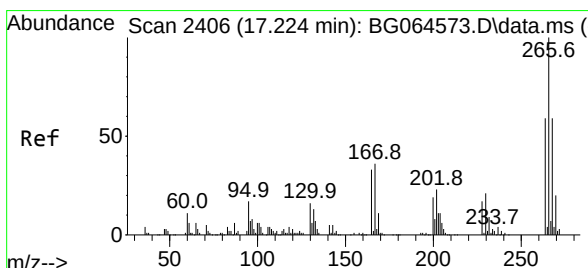
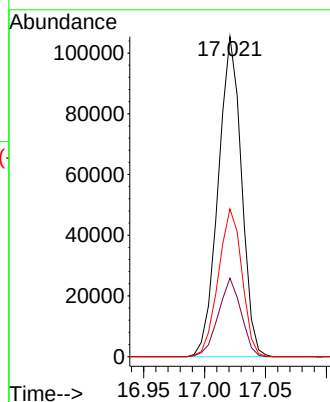
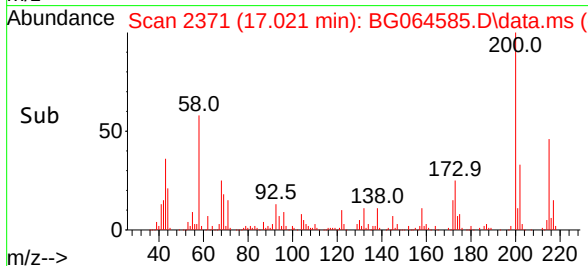
Instrument :
 BNA_G
 ClientSampleId :
 PB170222BS



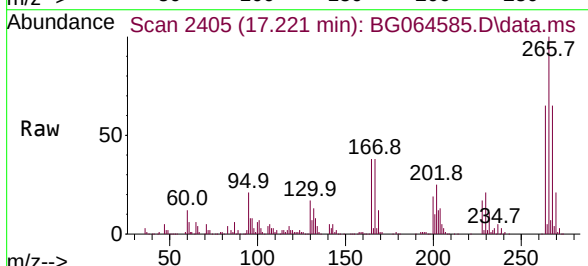
Tgt Ion:200 Resp: 139945
 Ion Ratio Lower Upper
 200 100
 173 24.5 0.9 40.9
 215 46.1 27.0 67.0

Manual Integrations
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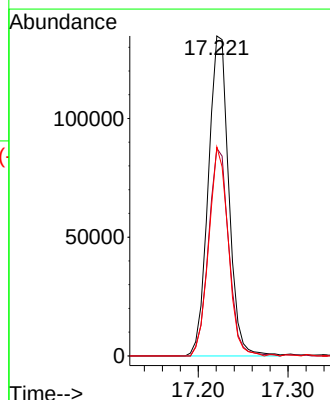
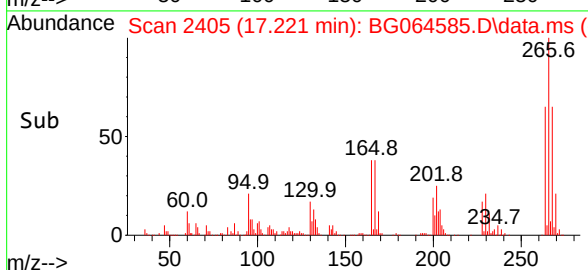
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

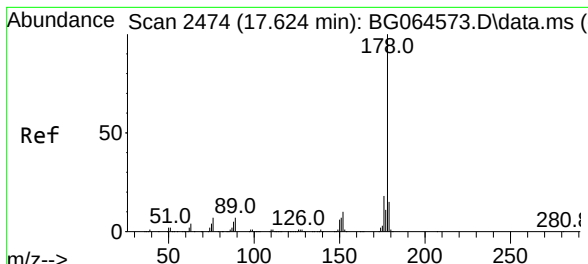


#70
 Pentachlorophenol
 Concen: 84.140 ng
 RT: 17.221 min Scan# 2405
 Delta R.T. -0.003 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19



Tgt Ion:266 Resp: 213517
 Ion Ratio Lower Upper
 266 100
 268 69.3 50.3 75.5
 264 70.6 47.3 70.9





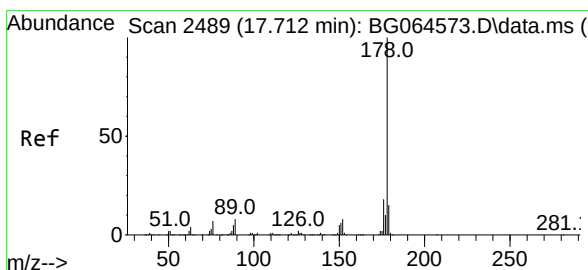
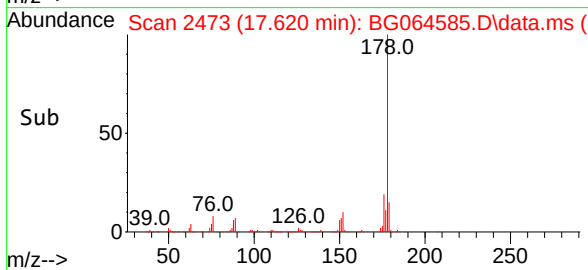
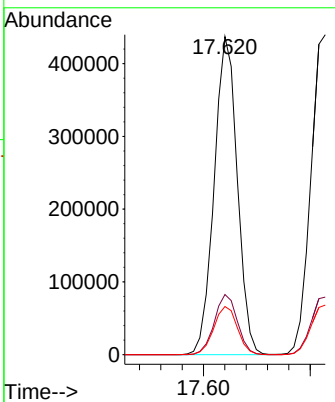
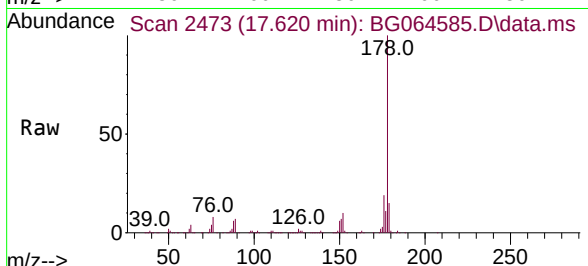
#71
 Phenanthrene
 Concen: 40.001 ng
 RT: 17.620 min Scan# 2473
 Delta R.T. -0.003 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19

Instrument : BNA_G
 ClientSampleId : PB170222BS

Tgt Ion:178	Resp: 65844
Ion Ratio	Lower Upper
178	100
176	18.9 14.7 22.1
179	15.1 12.2 18.4

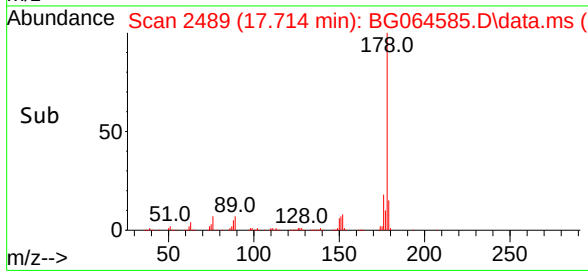
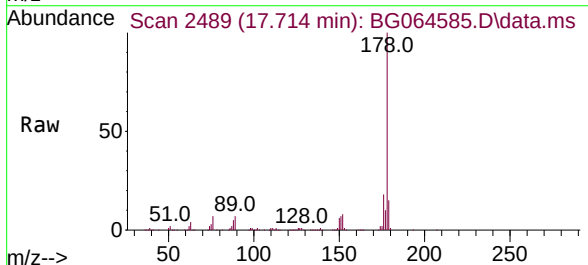
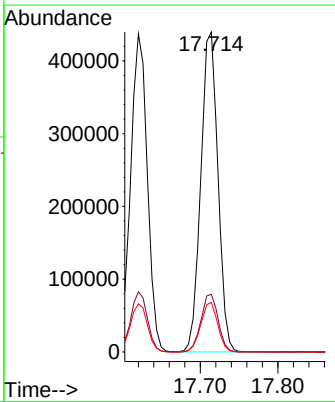
Manual Integrations
 APPROVED

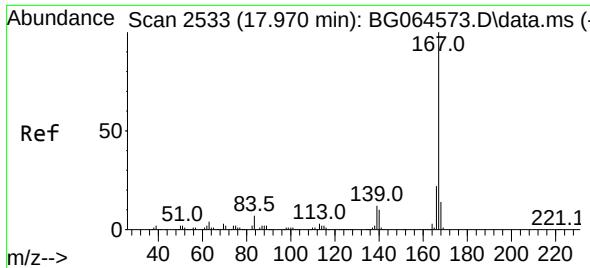
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#72
 Anthracene
 Concen: 40.218 ng
 RT: 17.714 min Scan# 2489
 Delta R.T. 0.002 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19

Tgt Ion:178	Resp: 673431
Ion Ratio	Lower Upper
178	100
176	18.0 14.4 21.6
179	15.5 12.4 18.6





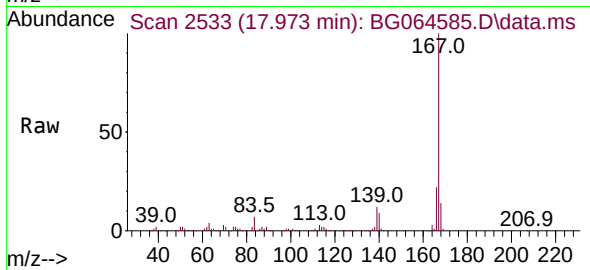
#73
 Carbazole
 Concen: 40.252 ng
 RT: 17.973 min Scan# 2533
 Delta R.T. 0.002 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

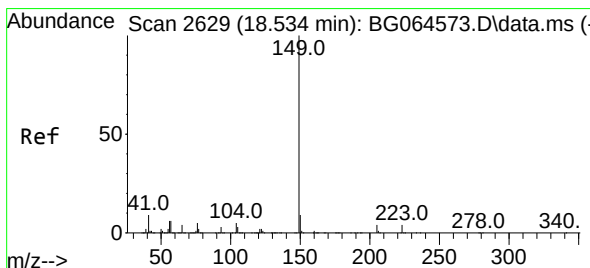
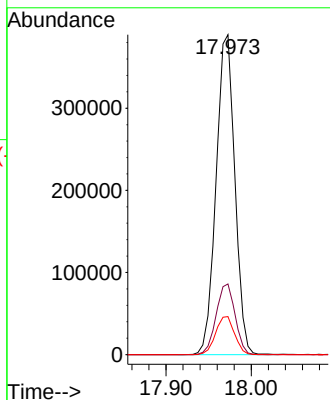
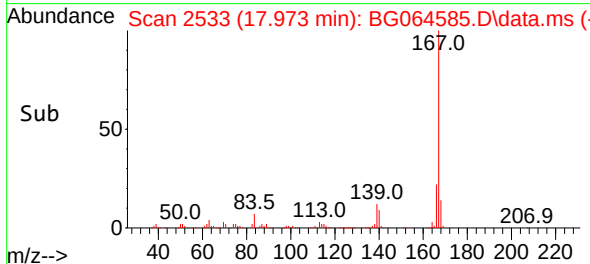


Tgt Ion:167 Resp: 59434
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 11.9 9.7 14.5

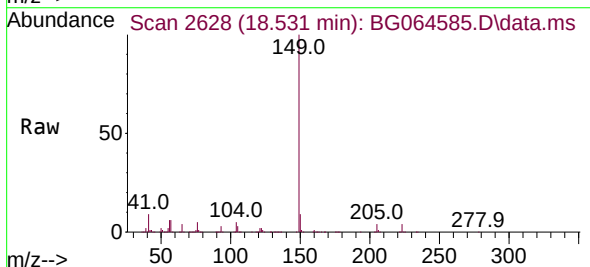
Manual Integrations

APPROVED

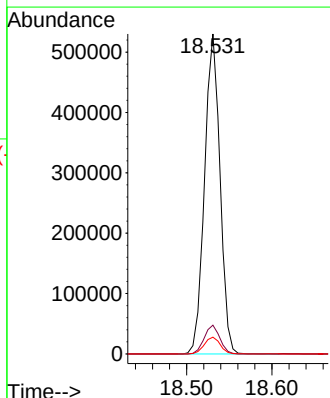
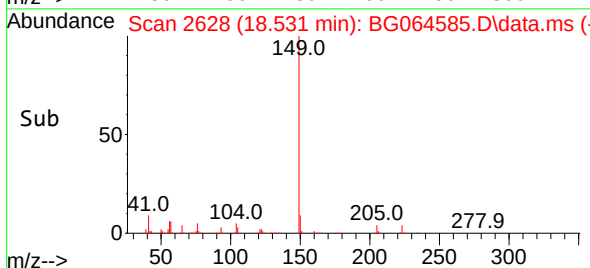
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

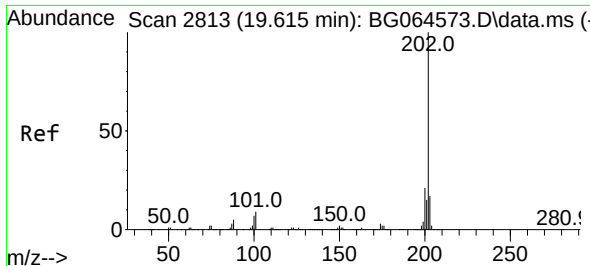


#74
 Di-n-butylphthalate
 Concen: 39.008 ng
 RT: 18.531 min Scan# 2628
 Delta R.T. -0.004 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19



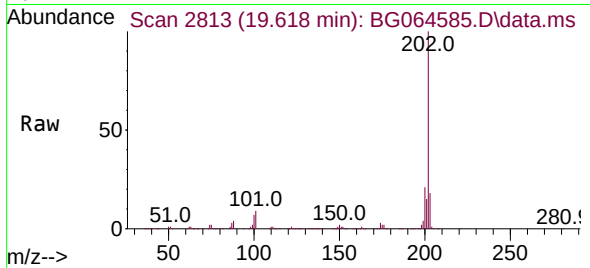
Tgt Ion:149 Resp: 666045
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.6
 104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 39.295 ng
RT: 19.618 min Scan# 2813
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

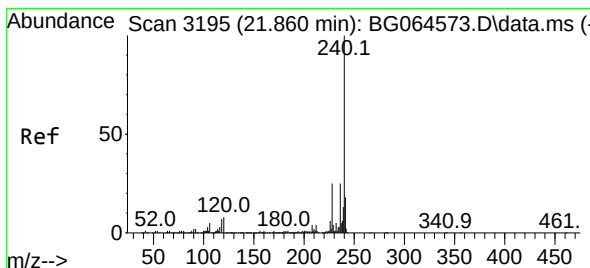
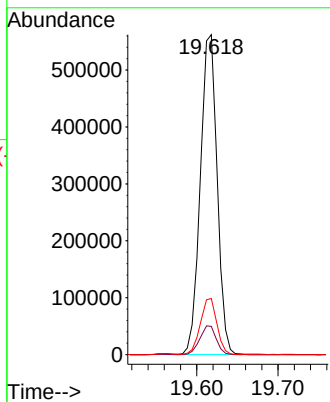
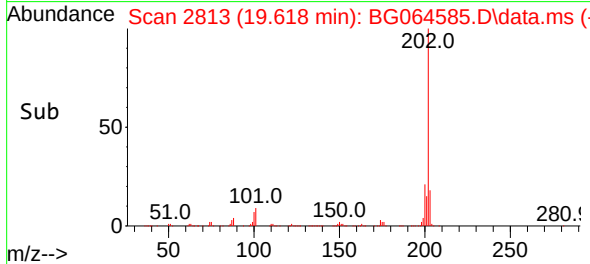
Instrument :
BNA_G
ClientSampleId :
PB170222BS



Tgt Ion:202 Resp: 810317
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.7
203 17.5 0.0 37.0

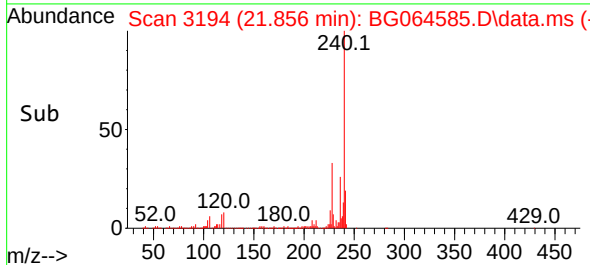
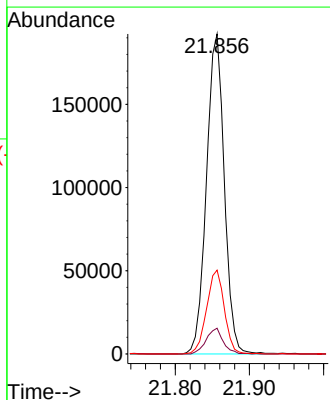
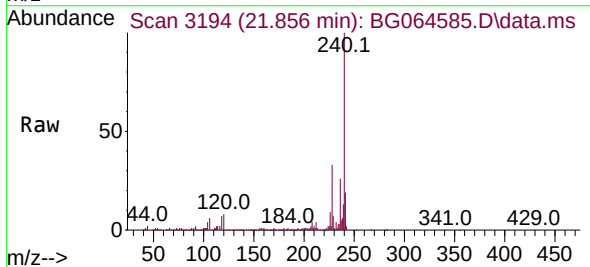
Manual Integrations
APPROVED

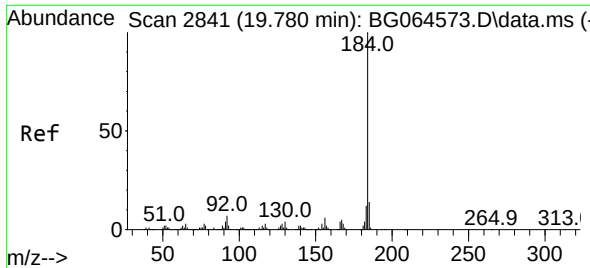
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3194
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

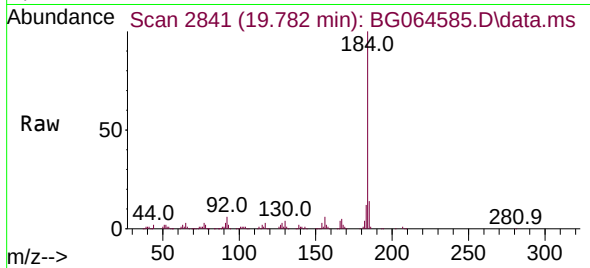
Tgt Ion:240 Resp: 321139
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 26.2 20.2 30.2





#77
Benzidine
Concen: 25.232 ng
RT: 19.782 min Scan# 2841
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

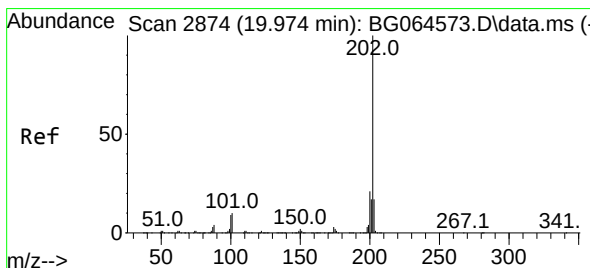
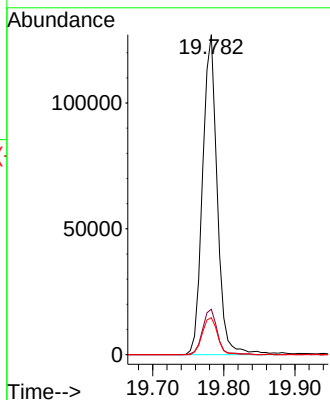
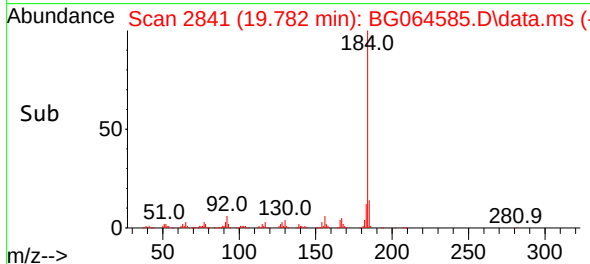
Instrument :
BNA_G
ClientSampleId :
PB170222BS



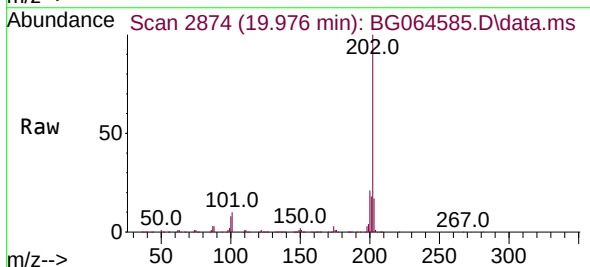
Tgt Ion:184 Resp: 181540
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 11.6 9.4 14.2

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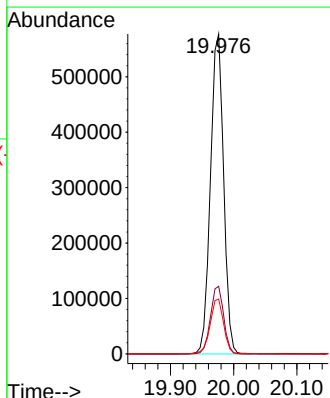
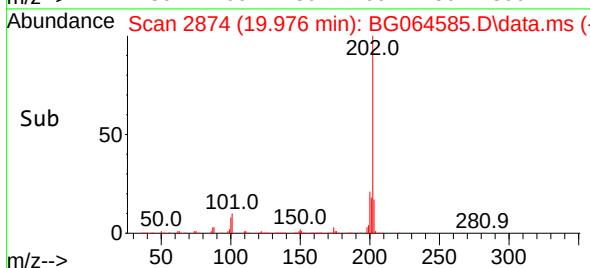
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

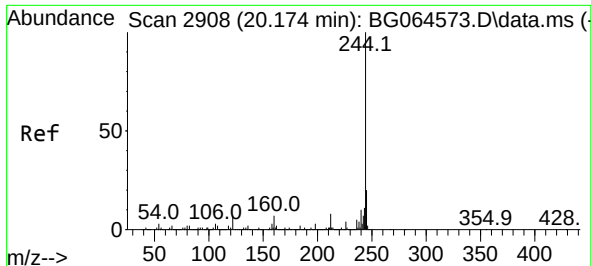


#78
Pyrene
Concen: 39.850 ng
RT: 19.976 min Scan# 2874
Delta R.T. 0.002 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



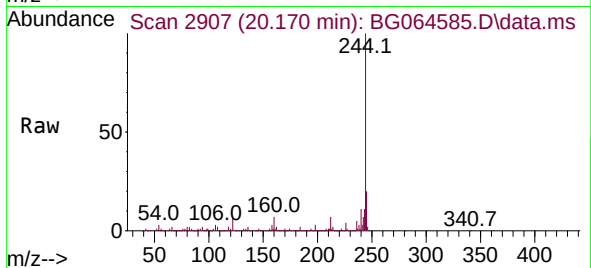
Tgt Ion:202 Resp: 836111
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.1 13.8 20.6





#79
 Terphenyl-d14
 Concen: 82.851 ng
 RT: 20.170 min Scan# 2908
 Delta R.T. -0.003 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19

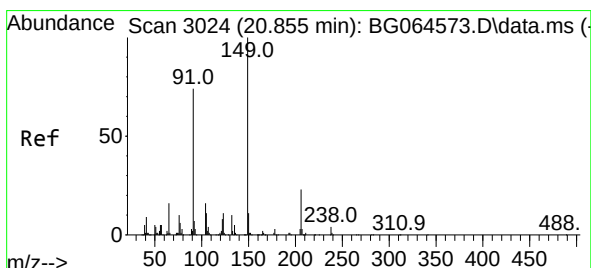
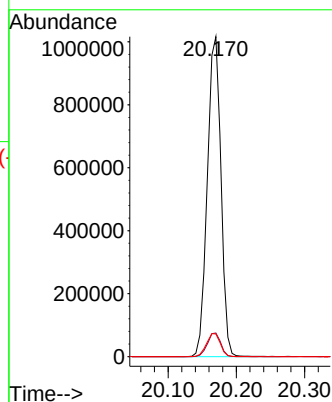
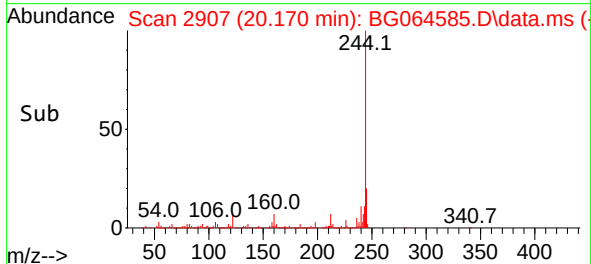
Instrument :
 BNA_G
 ClientSampleId :
 PB170222BS



Tgt Ion:244 Resp: 1409876
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 7.1 5.6 8.4

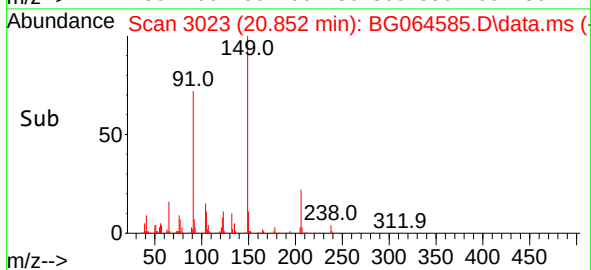
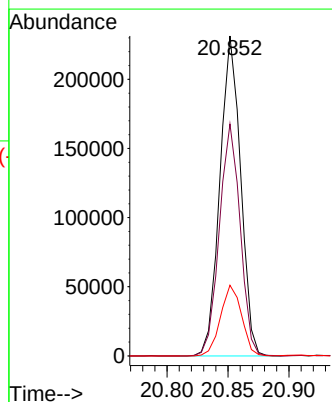
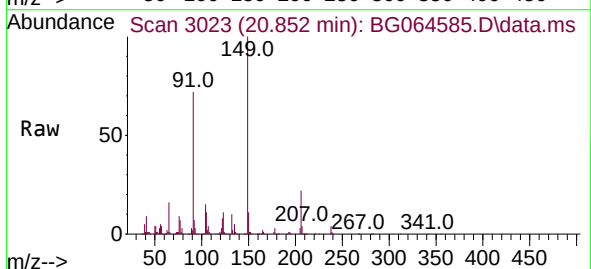
Manual Integrations
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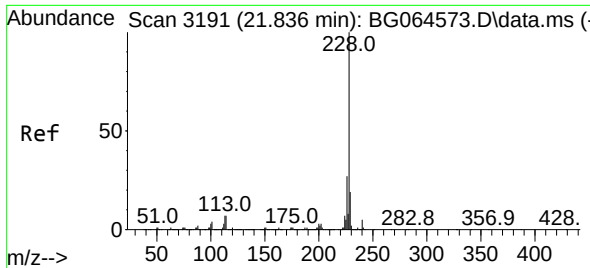
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#80
 Butylbenzylphthalate
 Concen: 43.173 ng
 RT: 20.852 min Scan# 3023
 Delta R.T. -0.003 min
 Lab File: BG064585.D
 Acq: 27 Oct 2025 13:19

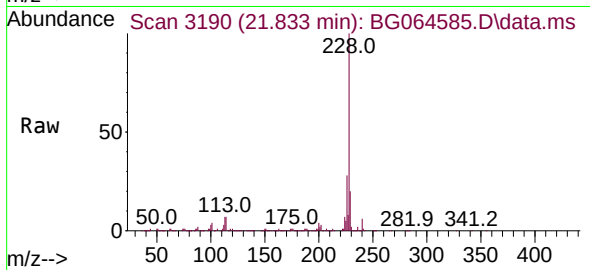
Tgt Ion:149 Resp: 273778
 Ion Ratio Lower Upper
 149 100
 91 72.5 59.2 88.8
 206 22.1 18.1 27.1





#81
Benzo(a)anthracene
Concen: 40.909 ng
RT: 21.833 min Scan# 3191
Delta R.T. -0.004 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

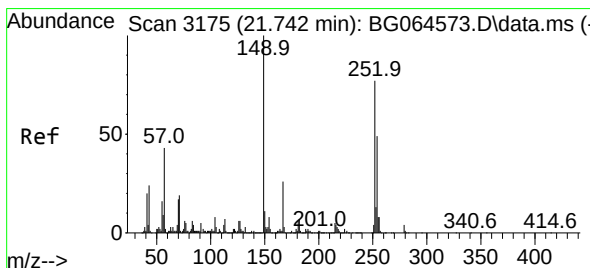
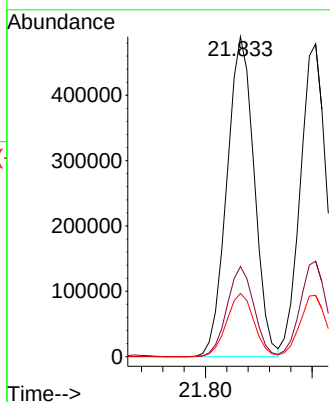
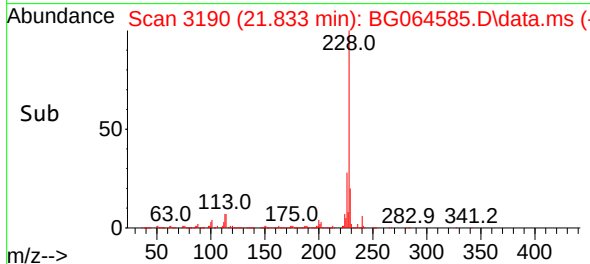
Instrument :
BNA_G
ClientSampleId :
PB170222BS



Tgt Ion:228 Resp: 871095
Ion Ratio Lower Upper
228 100
226 28.1 21.9 32.9
229 19.7 15.6 23.4

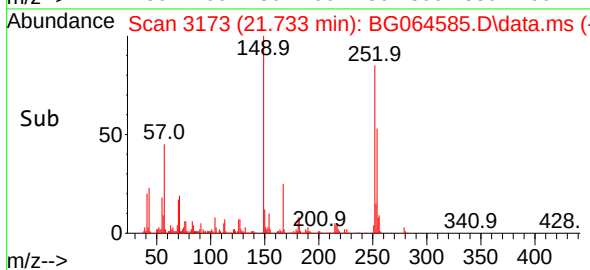
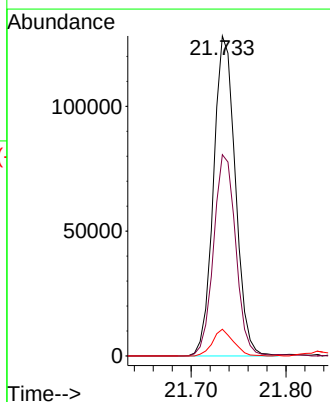
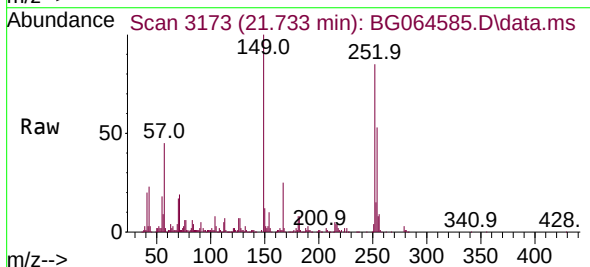
Manual Integrations
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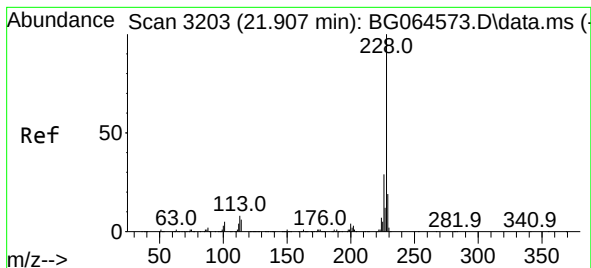
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 28.870 ng
RT: 21.733 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:252 Resp: 205280
Ion Ratio Lower Upper
252 100
254 62.9 50.8 76.2
126 8.3 5.8 8.6





#83

Chrysene

Concen: 40.115 ng

RT: 21.903 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

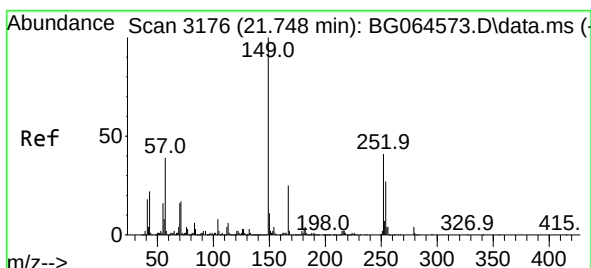
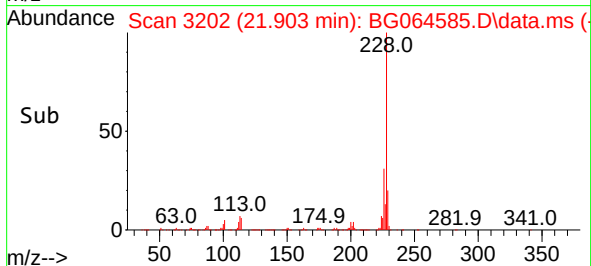
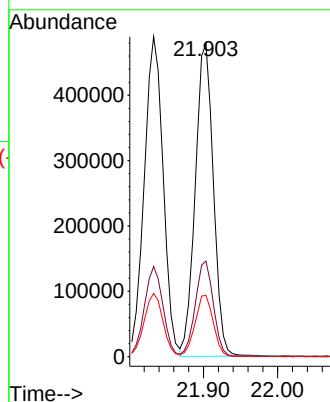
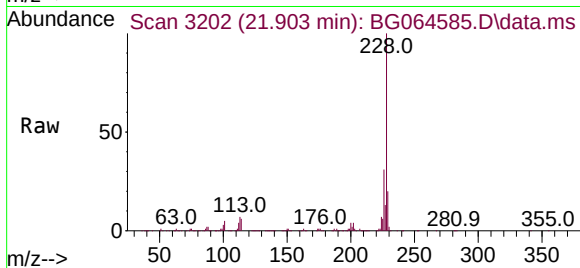
PB170222BS

Tgt Ion:228 Resp: 812759
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.3 34.9
 229 19.6 15.2 22.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.508 ng

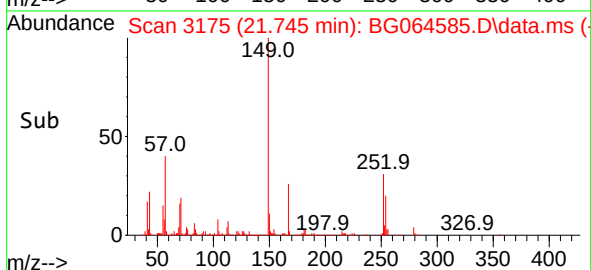
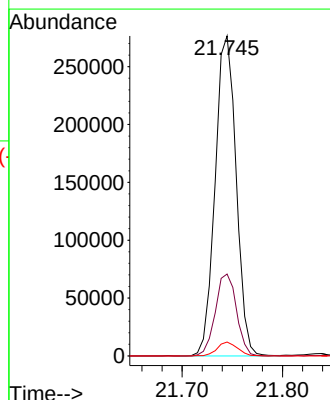
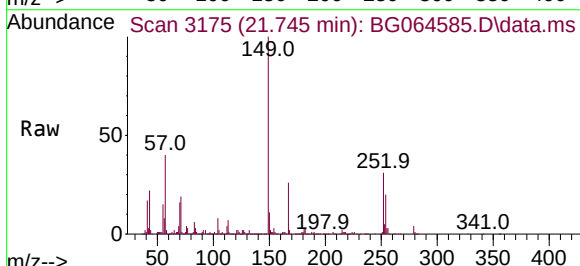
RT: 21.745 min Scan# 3175

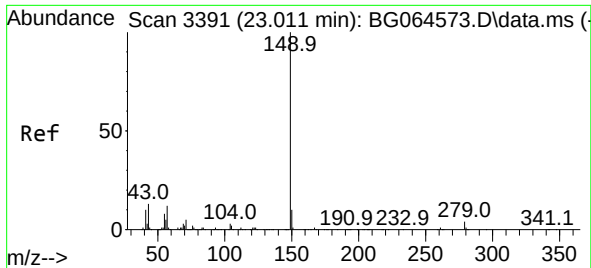
Delta R.T. -0.003 min

Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

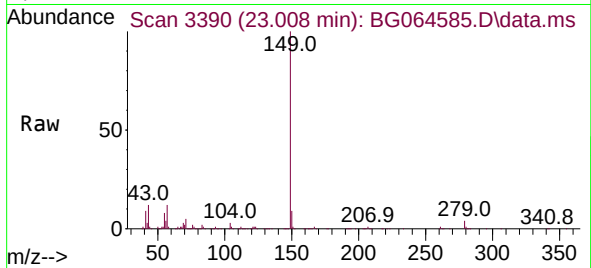
Tgt Ion:149 Resp: 402787
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.0 30.0
 279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 42.016 ng
RT: 23.008 min Scan# 3391
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

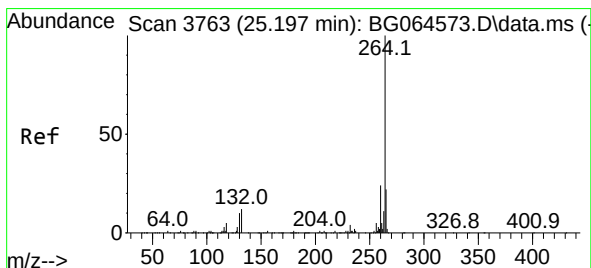
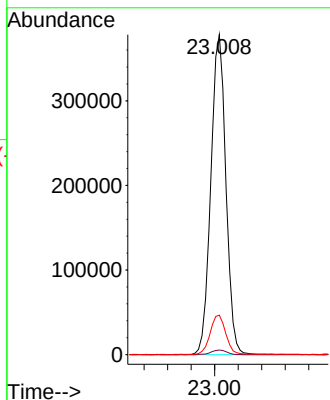
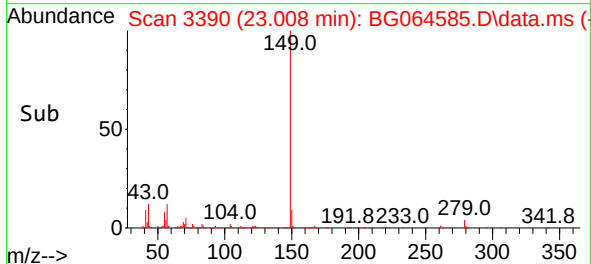
Instrument :
BNA_G
ClientSampleId :
PB170222BS



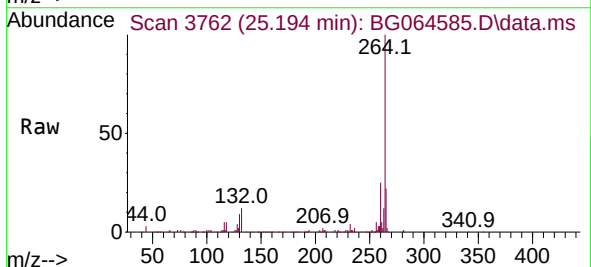
Tgt Ion:149 Resp: 671230
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.7 10.8 16.2

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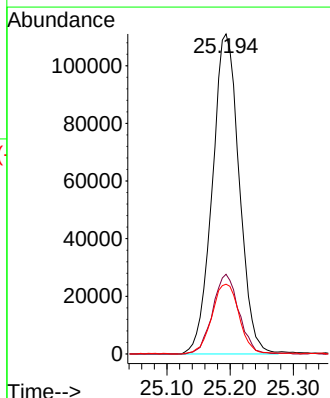
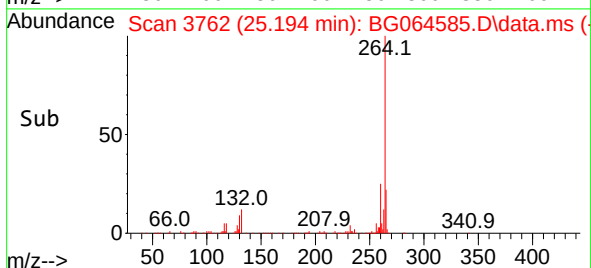
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

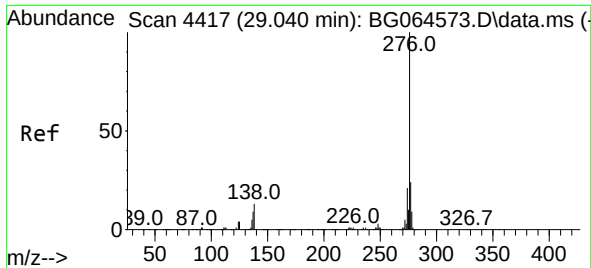


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 3762
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19



Tgt Ion:264 Resp: 327874
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.4
265 21.8 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.049 ng
RT: 29.036 min Scan# 4417
Delta R.T. -0.003 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

PB170222BS

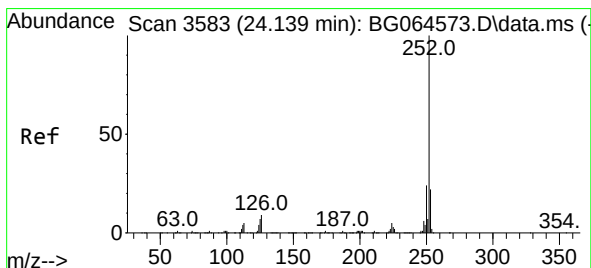
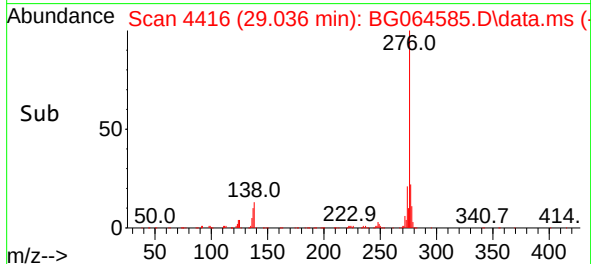
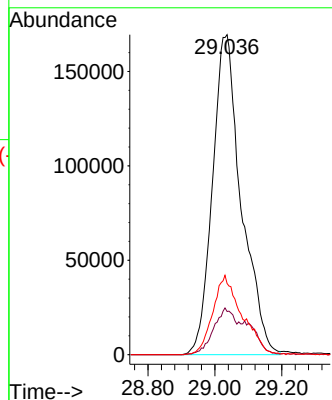
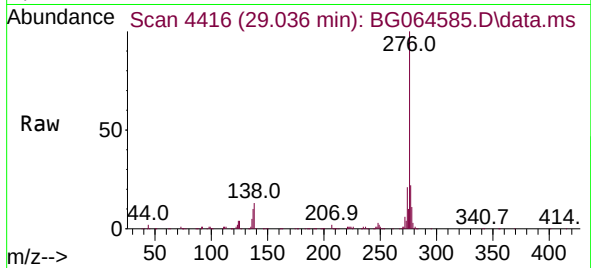
Tgt Ion:276 Resp: 1014209
Ion Ratio Lower Upper
276 100
138 12.3 10.8 16.2
277 25.0 20.1 30.1

Manual Integrations

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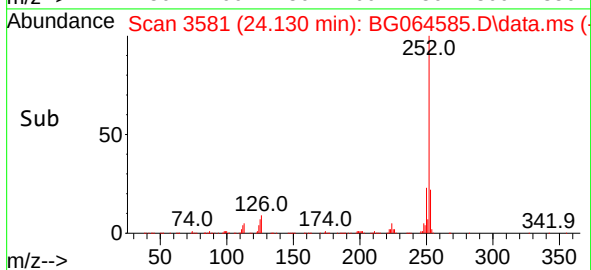
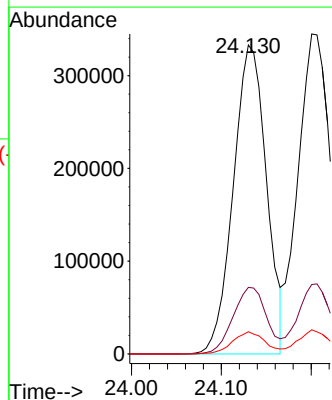
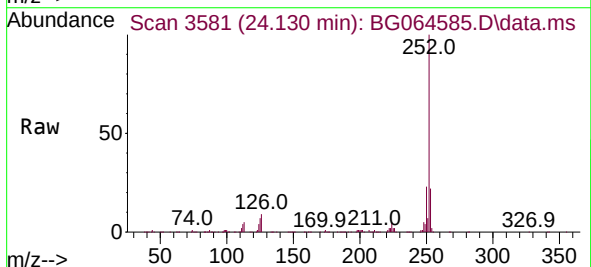
Reviewed By :Rahul Chavli 10/28/2025

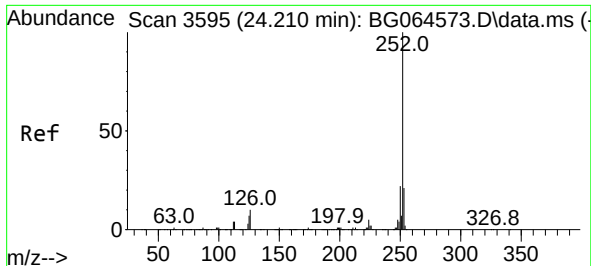
Supervised By :mohammad ahmed 11/05/2025



#88
Benzo(b)fluoranthene
Concen: 42.477 ng
RT: 24.130 min Scan# 3581
Delta R.T. -0.009 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:252 Resp: 854015
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 7.2 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 43.898 ng
RT: 24.201 min Scan# 3593
Delta R.T. -0.009 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

ClientSampleId :

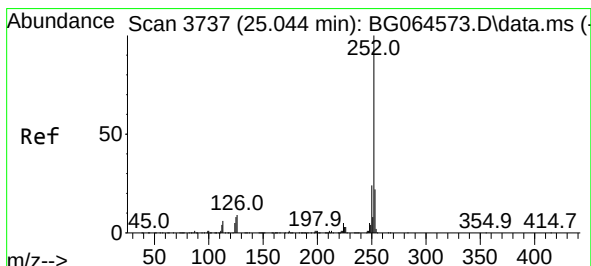
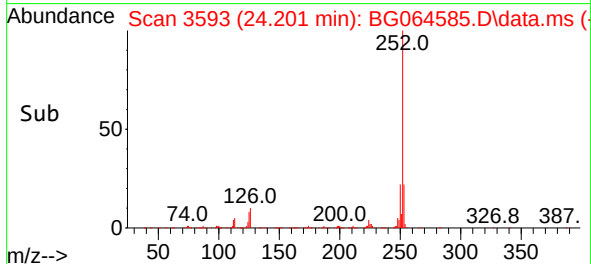
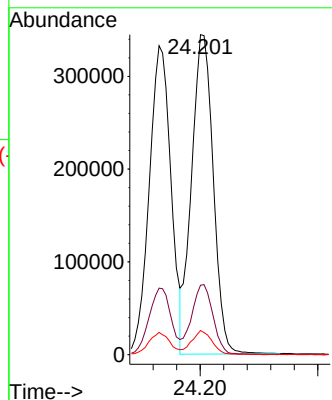
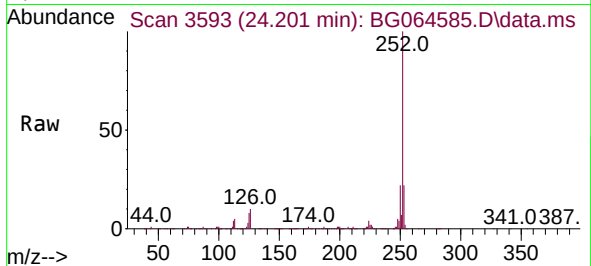
PB170222BS

Tgt Ion:252 Resp: 883190
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 7.5 5.4 8.0

Manual Integrations

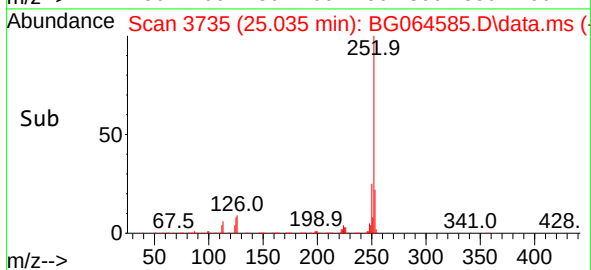
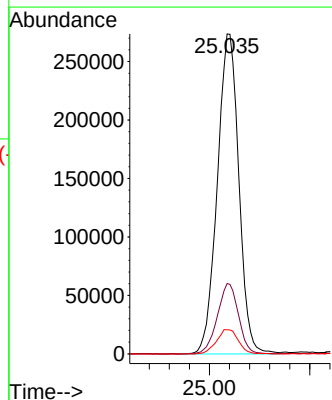
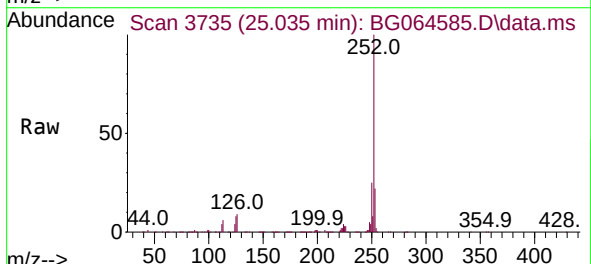
APPROVED

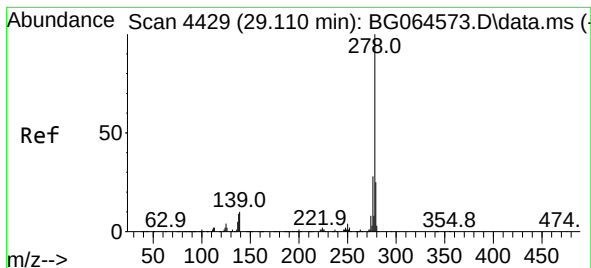
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#90
Benzo(a)pyrene
Concen: 44.080 ng
RT: 25.035 min Scan# 3735
Delta R.T. -0.009 min
Lab File: BG064585.D
Acq: 27 Oct 2025 13:19

Tgt Ion:252 Resp: 814648
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.5 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 43.190 ng

RT: 29.101 min Scan# 4429

Delta R.T. -0.009 min

Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

Instrument :

BNA_G

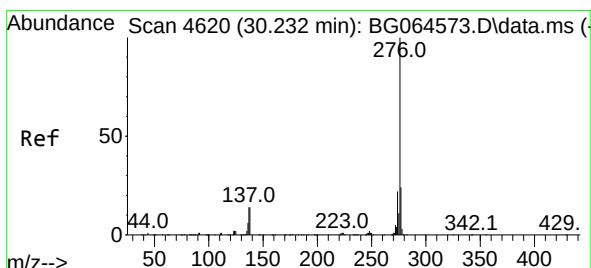
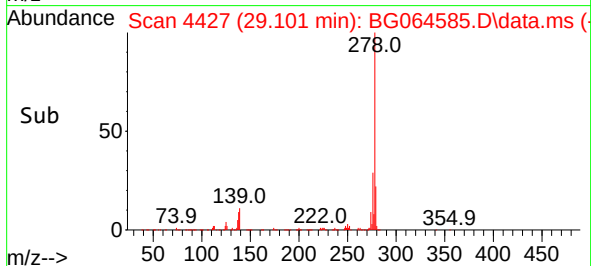
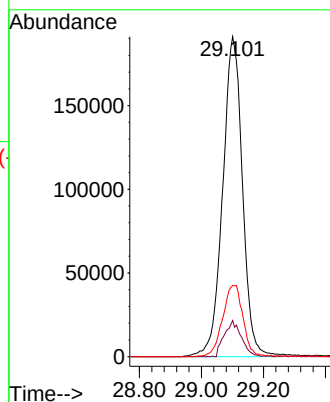
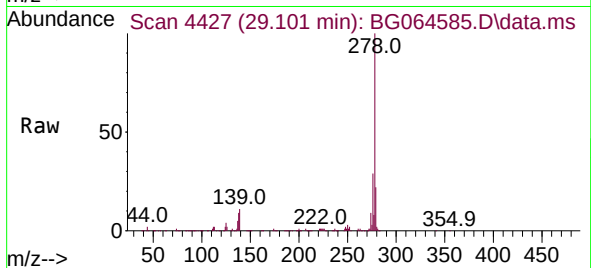
ClientSampleId :

PB170222BS

Tgt Ion:278 Resp: 846322
 Ion Ratio Lower Upper
 278 100
 139 11.3 8.0 12.0
 279 22.2 19.8 29.6

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#92

Benzo(g,h,i)perylene

Concen: 43.971 ng

RT: 30.217 min Scan# 4617

Delta R.T. -0.015 min

Lab File: BG064585.D

Acq: 27 Oct 2025 13:19

Tgt Ion:276 Resp: 823097
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.1 28.7
 138 15.0 11.3 16.9

