

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064586.D
 Acq On : 27 Oct 2025 14:00
 Operator : RC/JU
 Sample : PB170222BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170222BSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 01:20:21 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	8.220	152	40304	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	162009	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	130466	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	304053	20.000	ng	0.00
76) Chrysene-d12	21.851	240	320700	20.000	ng	0.00
86) Perylene-d12	25.195	264	326136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	347927	144.897	ng	0.00
7) Phenol-d6	7.351	99	412174	125.093	ng	0.00
23) Nitrobenzene-d5	9.384	82	238610	88.461	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	233689	124.104	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	686931	79.807	ng	0.00
79) Terphenyl-d14	20.165	244	1418084	83.447	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.585	88	36507	34.341	ng	94
3) Pyridine	3.990	79	108247	33.907	ng	97
4) n-Nitrosodimethylamine	3.902	42	73358	42.850	ng	88
6) Aniline	7.527	93	125159	27.915	ng	97
8) 2-Chlorophenol	7.780	128	110065	43.793	ng	99
9) Benzaldehyde	7.339	77	23862	13.265	ng	93
10) Phenol	7.380	94	154116	42.294	ng	99
11) bis(2-Chloroethyl)ether	7.621	93	100988	37.695	ng	93
12) 1,3-Dichlorobenzene	8.109	146	112799	38.994	ng	96
13) 1,4-Dichlorobenzene	8.256	146	115581	39.295	ng	96
14) 1,2-Dichlorobenzene	8.579	146	111009	39.129	ng	96
15) Benzyl Alcohol	8.449	79	110183	40.552	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.749	45	261188	37.166	ng	99
17) 2-Methylphenol	8.649	107	103374	42.728	ng	98
18) Hexachloroethane	9.319	117	39284	38.059	ng	97
19) n-Nitroso-di-n-propyla...	9.025	70	93647	41.125	ng	96
20) 3+4-Methylphenols	8.978	107	142125	41.772	ng	99
22) Acetophenone	9.043	105	189450	42.778	ng	# 95
24) Nitrobenzene	9.425	77	123596	42.129	ng	97
25) Isophorone	9.954	82	258646	39.961	ng	99
26) 2-Nitrophenol	10.142	139	42113	37.908	ng	97
27) 2,4-Dimethylphenol	10.189	122	117875	48.961	ng	95
28) bis(2-Chloroethoxy)met...	10.429	93	150179	40.752	ng	99
29) 2,4-Dichlorophenol	10.676	162	117361	45.296	ng	99
30) 1,2,4-Trichlorobenzene	10.905	180	124927	42.436	ng	99
31) Naphthalene	11.093	128	354488	39.465	ng	99
32) Benzoic acid	10.318	122	71315	40.045	ng	92
33) 4-Chloroaniline	11.187	127	75445	21.610	ng	98
34) Hexachlorobutadiene	11.387	225	89693	38.958	ng	93
35) Caprolactam	11.951	113	37454m	37.690	ng	
36) 4-Chloro-3-methylphenol	12.292	107	133753	42.946	ng	96
37) 2-Methylnaphthalene	12.686	142	241083	36.557	ng	99
38) 1-Methylnaphthalene	12.903	142	253651	38.853	ng	96
40) 1,2,4,5-Tetrachloroben...	13.050	216	183253	41.853	ng	99
41) Hexachlorocyclopentadiene	13.038	237	200216	101.591	ng	96
43) 2,4,6-Trichlorophenol	13.279	196	109331	43.653	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.344	196	125605	43.458	ng	98
46) 1,1'-Biphenyl	13.679	154	390910	42.145	ng	98
47) 2-Chloronaphthalene	13.726	162	275135	39.298	ng	99
48) 2-Nitroaniline	13.908	65	87764	38.057	ng	96
49) Acenaphthylene	14.566	152	498547	45.145	ng	99
50) Dimethylphthalate	14.290	163	391752	39.241	ng	99
51) 2,6-Dinitrotoluene	14.401	165	68546	42.037	ng	94
52) Acenaphthene	14.907	154	318306	42.188	ng	98
53) 3-Nitroaniline	14.724	138	51553	30.048	ng	96
54) 2,4-Dinitrophenol	14.930	184	75685	75.233	ng	# 40
55) Dibenzofuran	15.236	168	477686	39.162	ng	96
56) 4-Nitrophenol	15.018	139	130581	82.092	ng	99
57) 2,4-Dinitrotoluene	15.183	165	102108	40.594	ng	# 100
58) Fluorene	15.882	166	382963	40.202	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.453	232	125326	45.346	ng	98
60) Diethylphthalate	15.647	149	392719	38.527	ng	100
61) 4-Chlorophenyl-phenyle...	15.876	204	210881	39.447	ng	99
62) 4-Nitroaniline	15.882	138	76243	39.945	ng	98
63) Azobenzene	16.164	77	372928	39.873	ng	98
65) 4,6-Dinitro-2-methylph...	15.941	198	53380	40.813	ng	95
66) n-Nitrosodiphenylamine	16.082	169	347155	42.268	ng	99
67) 4-Bromophenyl-phenylether	16.763	248	147381	40.903	ng	98
68) Hexachlorobenzene	16.887	284	169942	41.342	ng	95
69) Atrazine	17.022	200	140812	39.839	ng	97
70) Pentachlorophenol	17.221	266	221775	86.519	ng	93
71) Phenanthrene	17.621	178	673998	40.535	ng	99
72) Anthracene	17.709	178	676527	39.998	ng	99
73) Carbazole	17.968	167	595884	39.952	ng	99
74) Di-n-butylphthalate	18.532	149	666573	38.648	ng	99
75) Fluoranthene	19.613	202	807948	38.788	ng	99
77) Benzidine	19.777	184	190724	26.545	ng	100
78) Pyrene	19.971	202	836965	39.945	ng	100
80) Butylbenzylphthalate	20.853	149	278893	44.040	ng	97
81) Benzo(a)anthracene	21.834	228	874446	41.123	ng	99
82) 3,3'-Dichlorobenzidine	21.734	252	205104	28.885	ng	99
83) Chrysene	21.904	228	817870	40.422	ng	99
84) Bis(2-ethylhexyl)phtha...	21.746	149	405733	42.877	ng	98
85) Di-n-octyl phthalate	23.009	149	675821	42.361	ng	98
87) Indeno(1,2,3-cd)pyrene	29.025	276	1024158	42.688	ng	98
88) Benzo(b)fluoranthene	24.131	252	869051	43.456	ng	100
89) Benzo(k)fluoranthene	24.207	252	862673	43.107	ng	99
90) Benzo(a)pyrene	25.042	252	822967	44.768	ng	99
91) Dibenzo(a,h)anthracene	29.108	278	848995	43.557	ng	99
92) Benzo(g,h,i)perylene	30.236	276	819075	43.990	ng	97

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

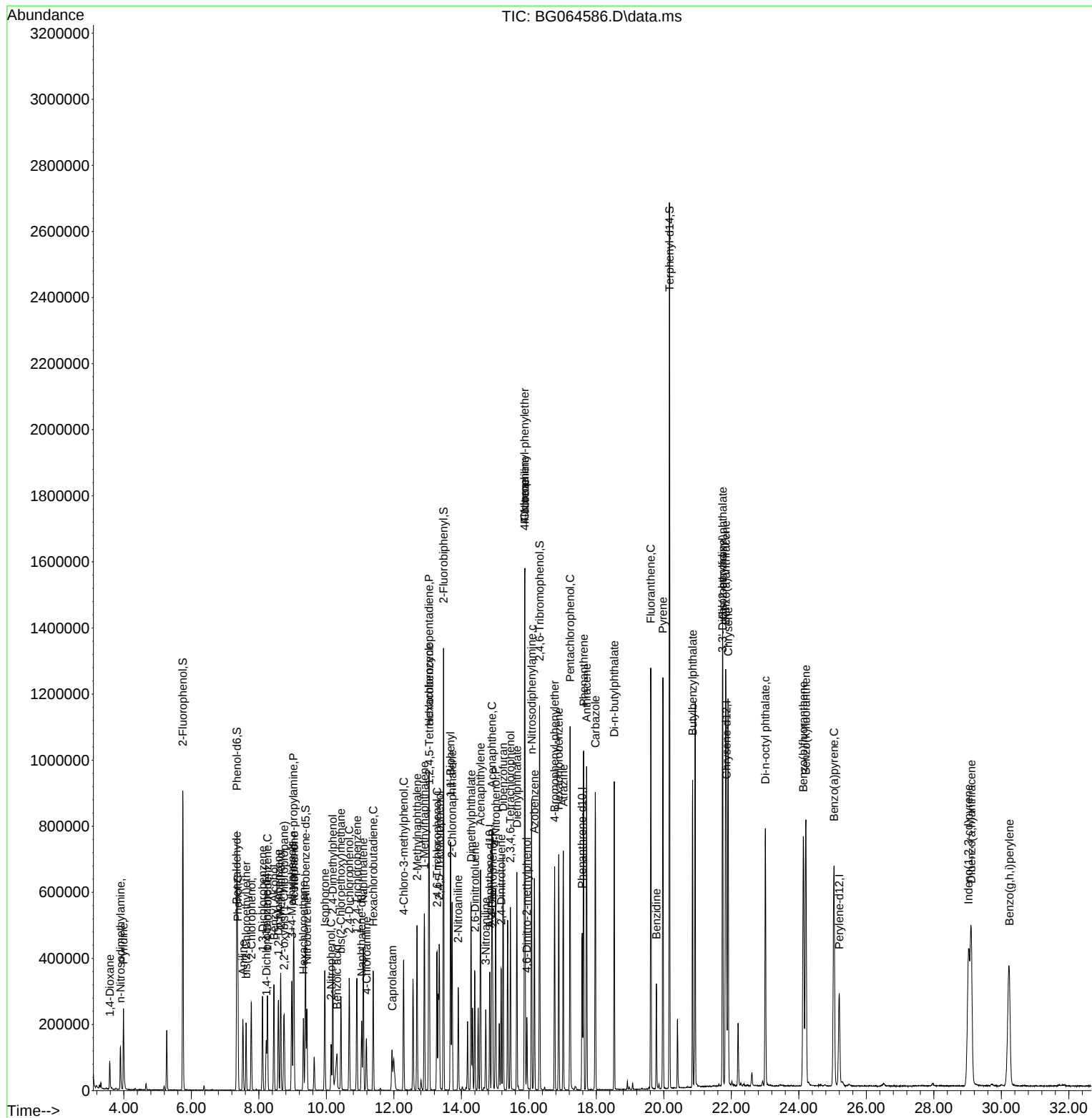
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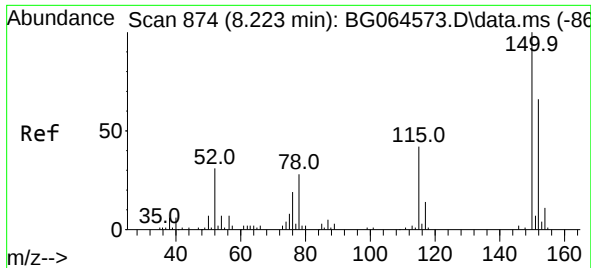
Instrument :
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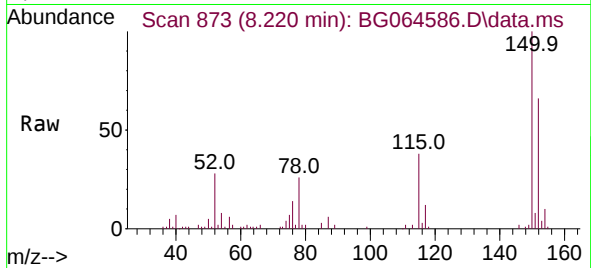
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

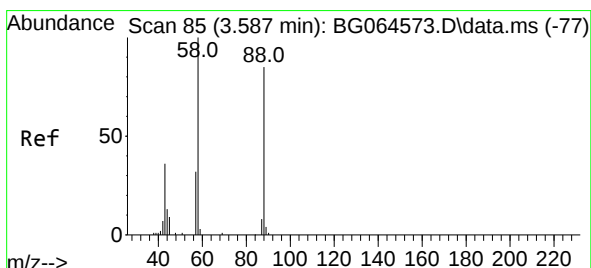
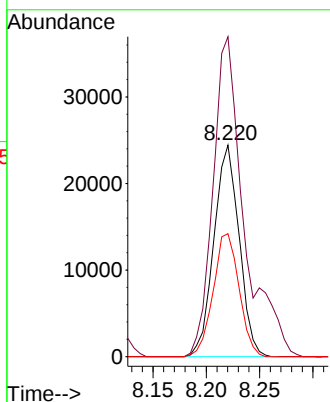
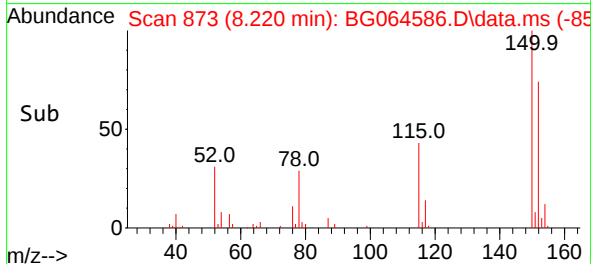
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Tgt Ion:152 Resp: 40304
Ion Ratio Lower Upper
152 100
150 151.3 122.2 183.4
115 58.2 50.8 76.2

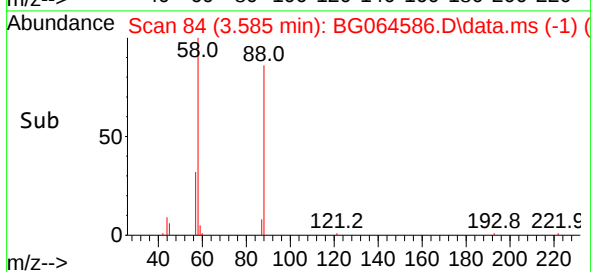
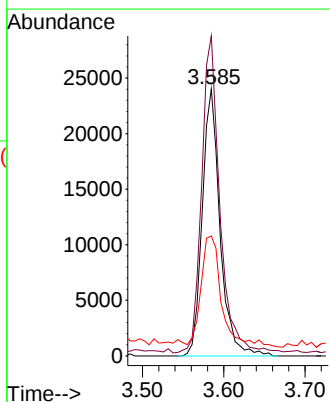
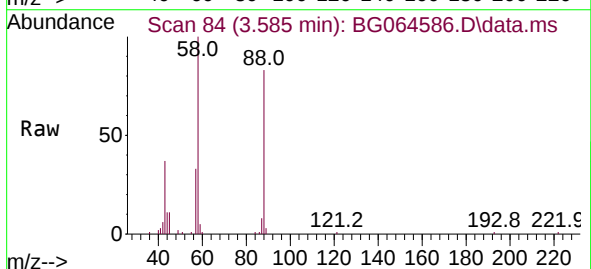
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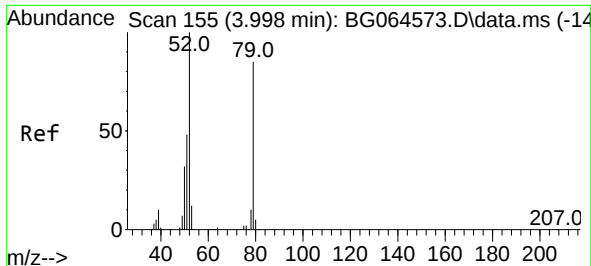
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#2
1,4-Dioxane
Concen: 34.341 ng
RT: 3.585 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Tgt Ion: 88 Resp: 36507
Ion Ratio Lower Upper
88 100
58 120.6 92.4 138.6
43 48.4 33.0 49.6





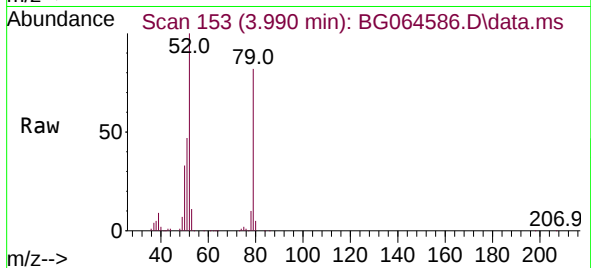
#3
Pyridine
Concen: 33.907 ng
RT: 3.990 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

ClientSampleId :

PB170222BSD

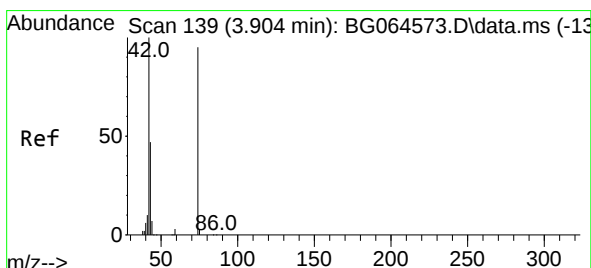
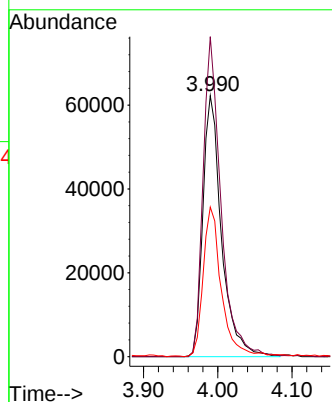
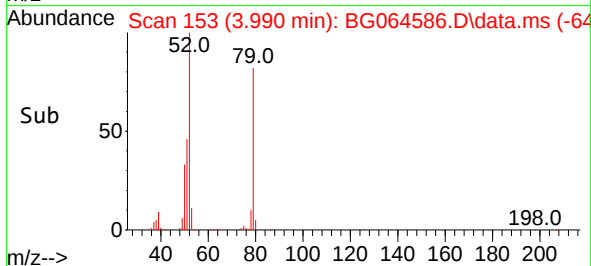


Tgt Ion: 79 Resp: 10824
Ion Ratio Lower Upper
79 100
52 122.7 94.2 141.2
51 57.3 46.1 69.1

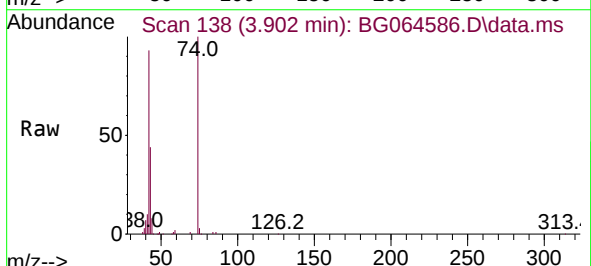
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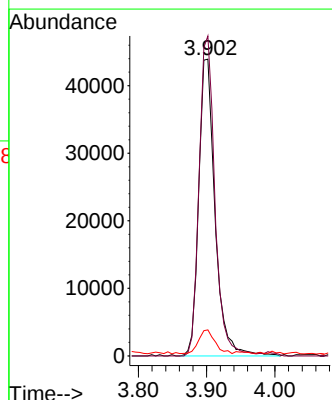
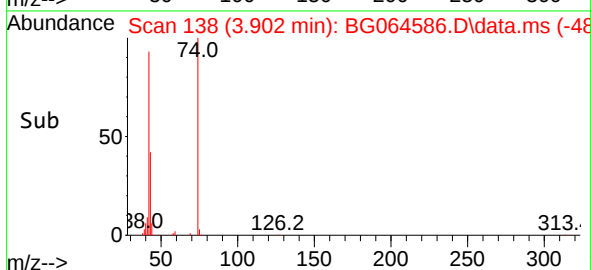
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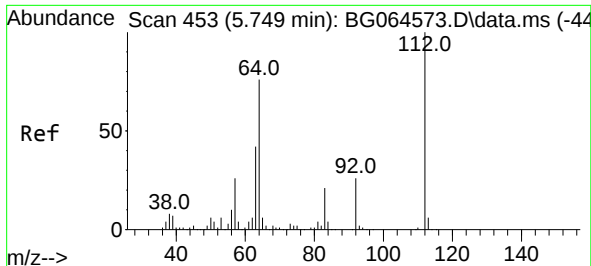


#4
n-Nitrosodimethylamine
Concen: 42.850 ng
RT: 3.902 min Scan# 138
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



Tgt Ion: 42 Resp: 73358
Ion Ratio Lower Upper
42 100
74 107.9 76.1 114.1
44 8.8 6.3 9.5





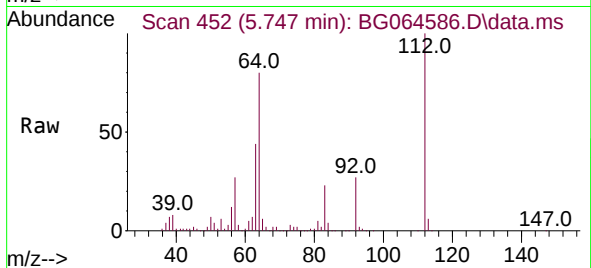
#5
2-Fluorophenol
Concen: 144.897 ng
RT: 5.747 min Scan# 453
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

ClientSampleId :

PB170222BSD

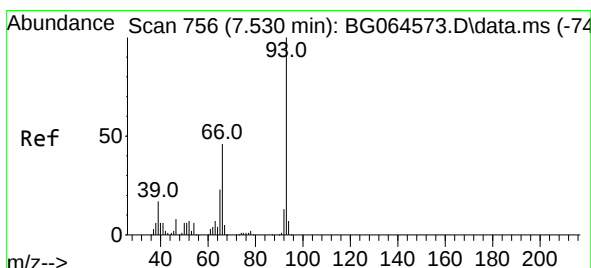
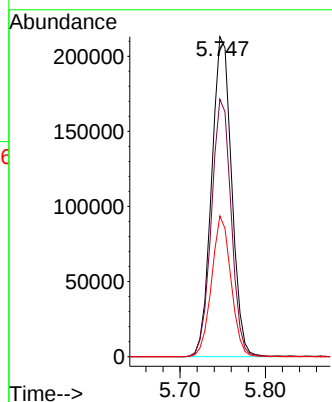
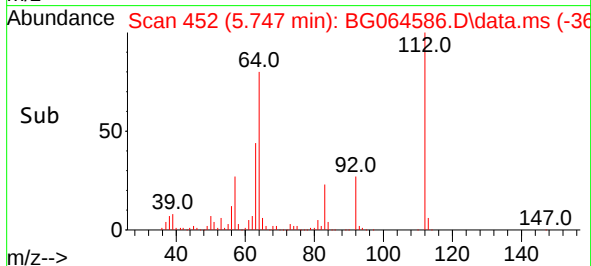


Tgt Ion: 112 Resp: 34792
Ion Ratio Lower Upper
112 100
64 80.4 60.7 91.1
63 44.0 33.4 50.0

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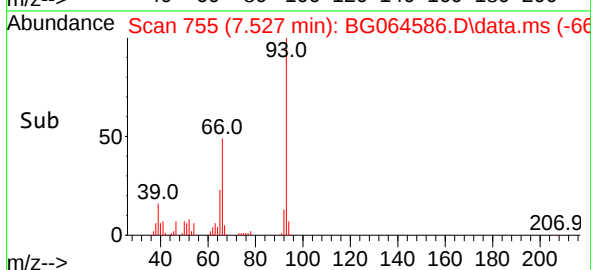
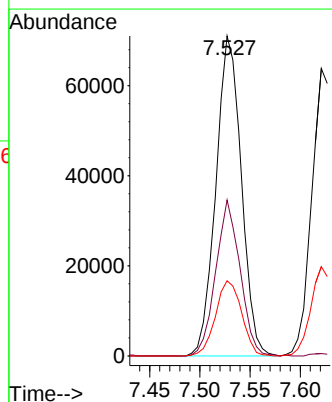
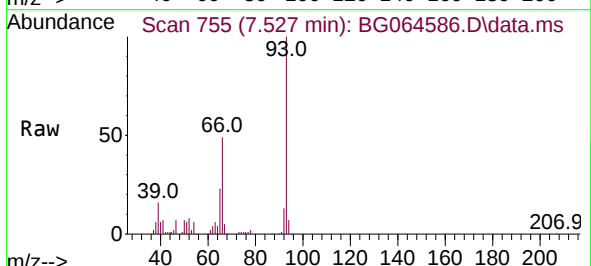
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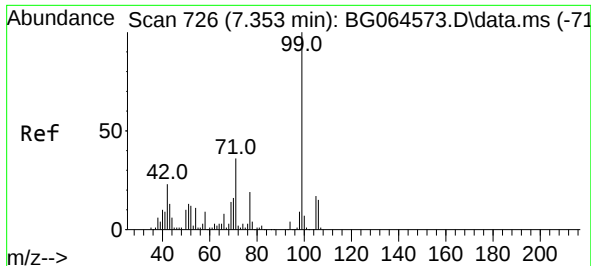
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#6
Aniline
Concen: 27.915 ng
RT: 7.527 min Scan# 755
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

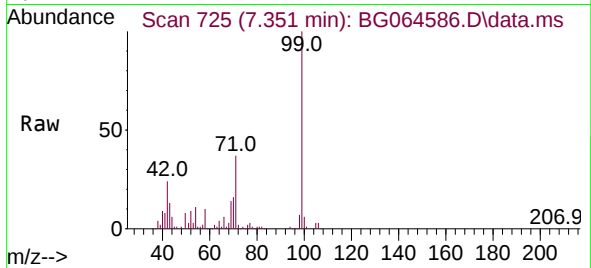
Tgt Ion: 93 Resp: 125159
Ion Ratio Lower Upper
93 100
66 48.7 37.0 55.6
65 23.5 18.3 27.5





#7
Phenol-d6
Concen: 125.093 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

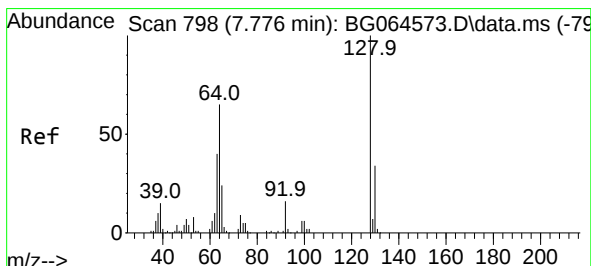
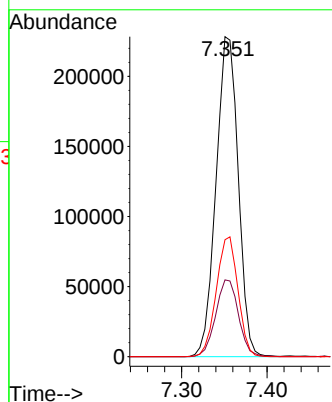
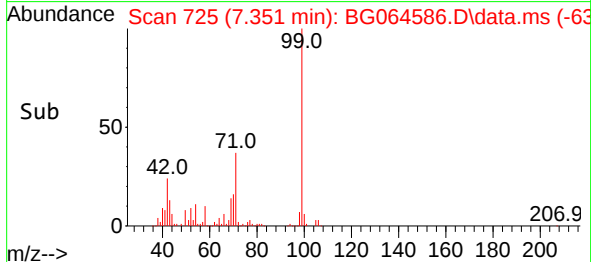
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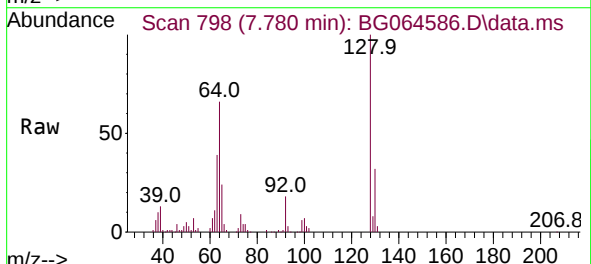
Tgt Ion: 99 Resp: 412174
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 36.5 28.6 43.0

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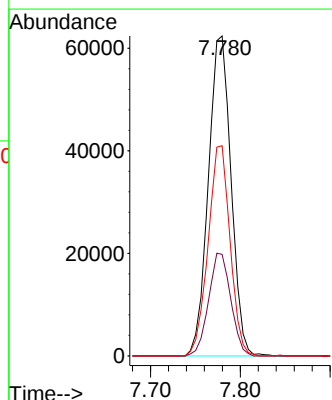
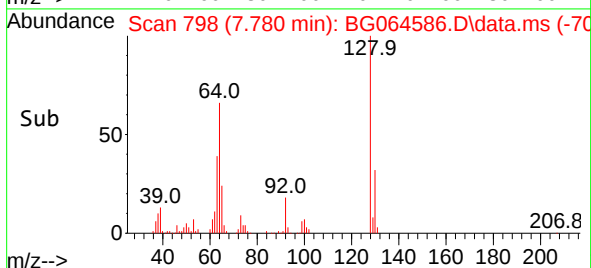
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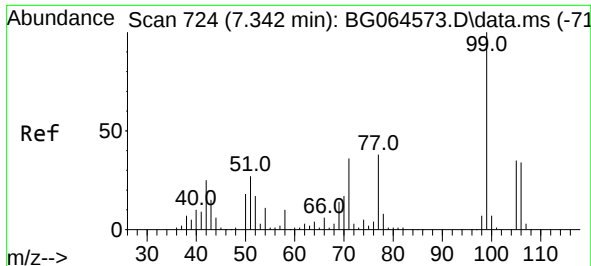


#8
2-Chlorophenol
Concen: 43.793 ng
RT: 7.780 min Scan# 798
Delta R.T. 0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



Tgt Ion:128 Resp: 110065
Ion Ratio Lower Upper
128 100
130 31.7 13.5 53.5
64 65.7 45.2 85.2





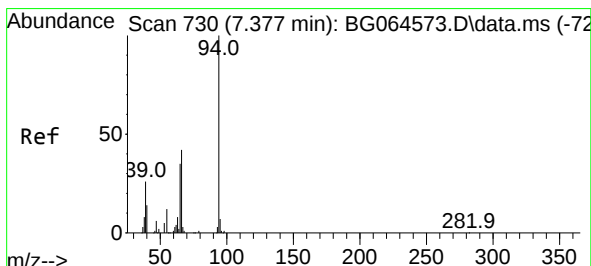
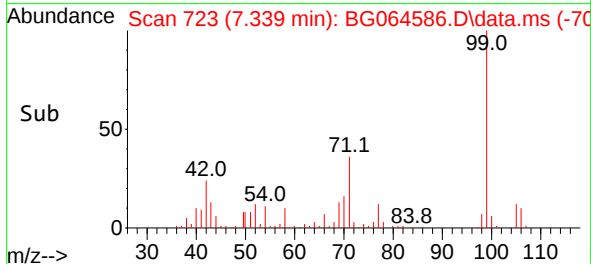
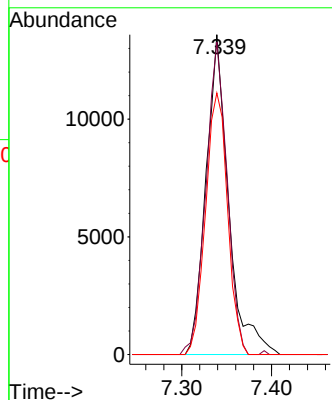
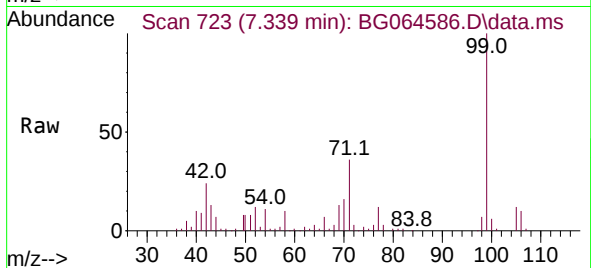
#9
Benzaldehyde
Concen: 13.265 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 23862
Ion Ratio Lower Upper
77 100
105 97.7 72.9 112.9
106 81.8 70.8 110.8

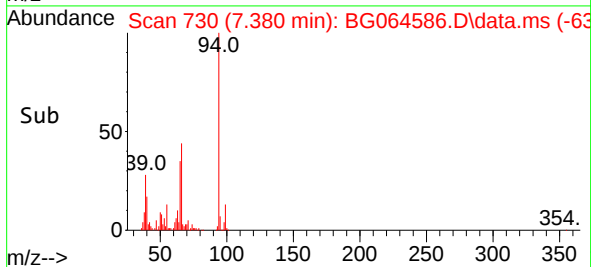
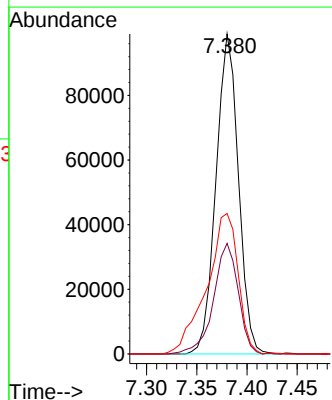
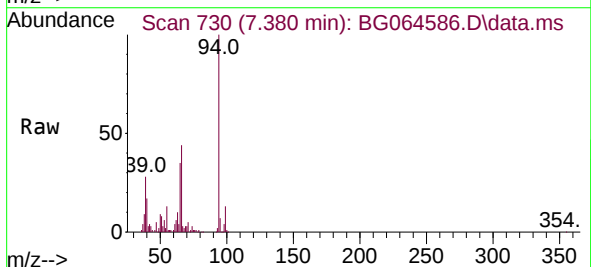
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 42.294 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

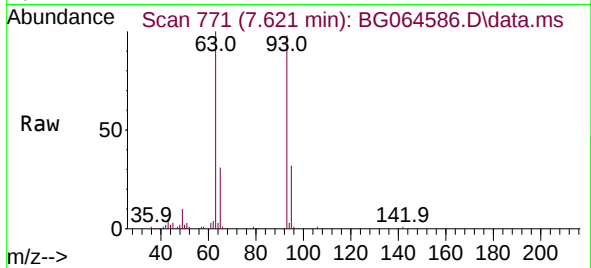
Tgt Ion: 94 Resp: 154116
Ion Ratio Lower Upper
94 100
65 34.5 15.8 55.8
66 43.9 24.0 64.0





#11
bis(2-Chloroethyl)ether
Concen: 37.695 ng
RT: 7.621 min Scan# 771
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

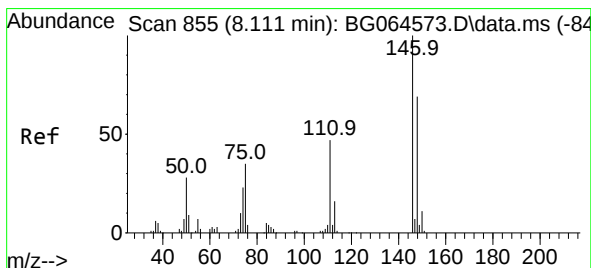
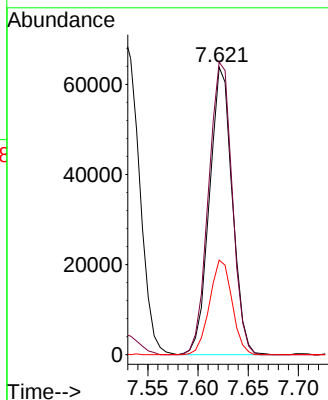
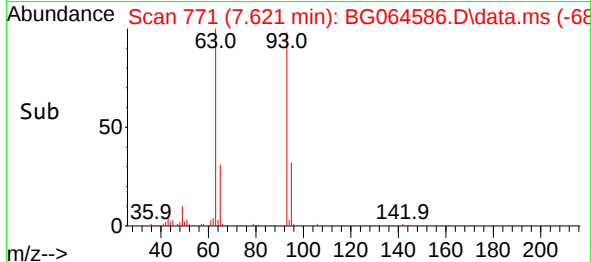
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion: 93 Resp: 100988
Ion Ratio Lower Upper
93 100
63 101.8 91.3 131.3
95 32.9 13.3 53.3

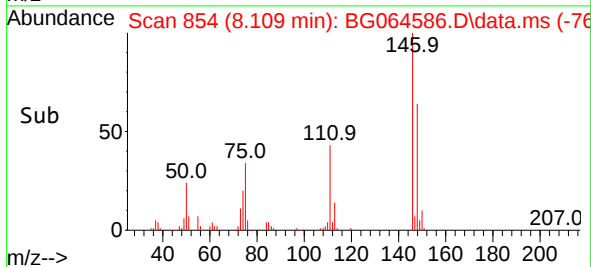
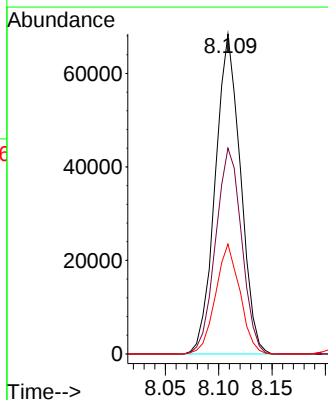
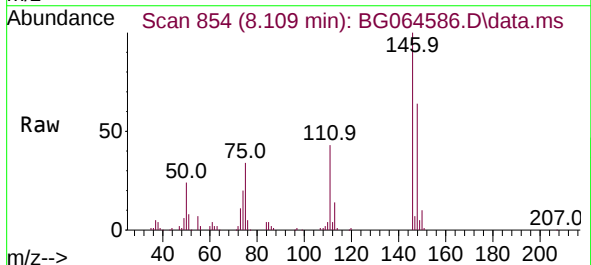
Manual Integrations
APPROVED

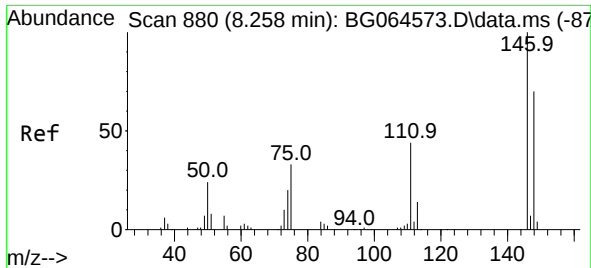
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#12
1,3-Dichlorobenzene
Concen: 38.994 ng
RT: 8.109 min Scan# 854
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

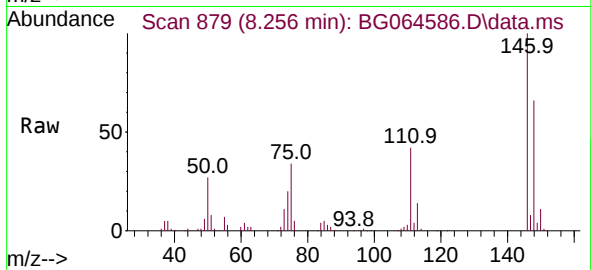
Tgt Ion:146 Resp: 112799
Ion Ratio Lower Upper
146 100
148 64.3 55.3 82.9
75 34.3 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 39.295 ng
RT: 8.256 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

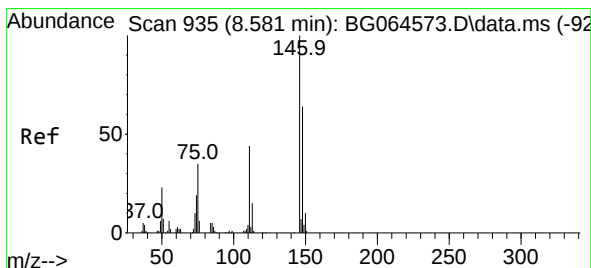
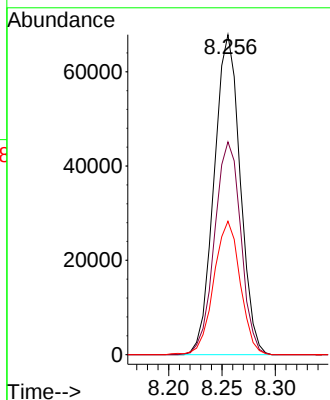
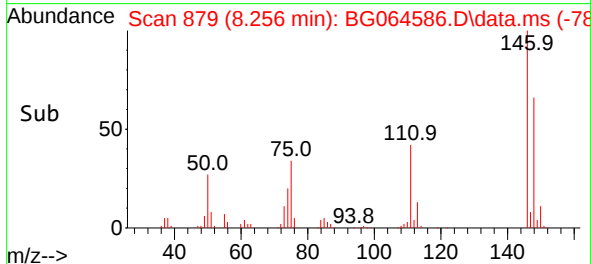
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion:146 Resp: 115581
Ion Ratio Lower Upper
146 100
148 66.5 56.2 84.4
111 41.7 35.4 53.0

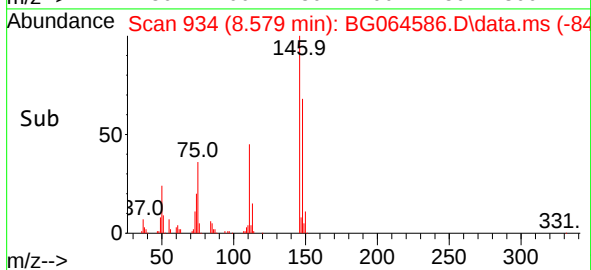
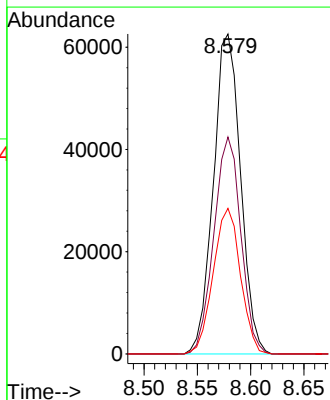
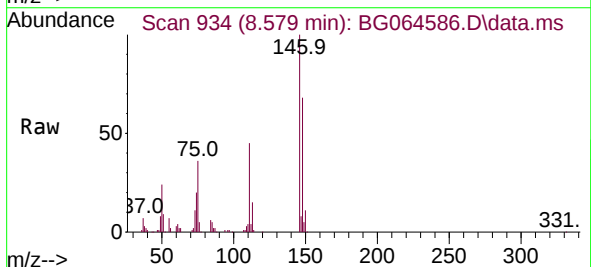
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 39.129 ng
RT: 8.579 min Scan# 934
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

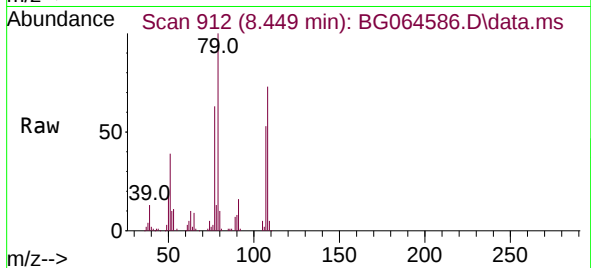
Tgt Ion:146 Resp: 111009
Ion Ratio Lower Upper
146 100
148 67.8 51.5 77.3
111 45.5 35.0 52.6





#15
Benzyl Alcohol
Concen: 40.552 ng
RT: 8.449 min Scan# 912
Delta R.T. 0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

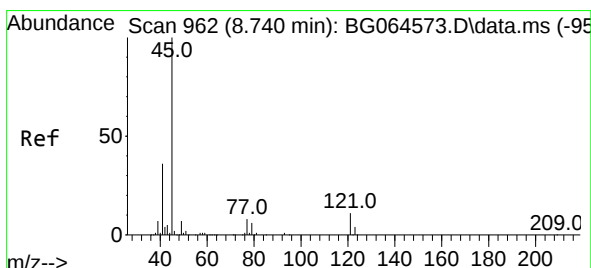
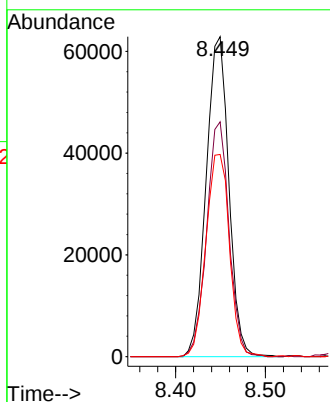
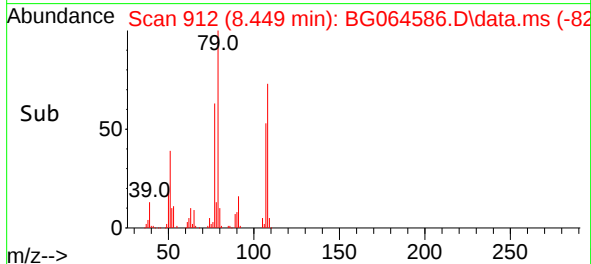
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



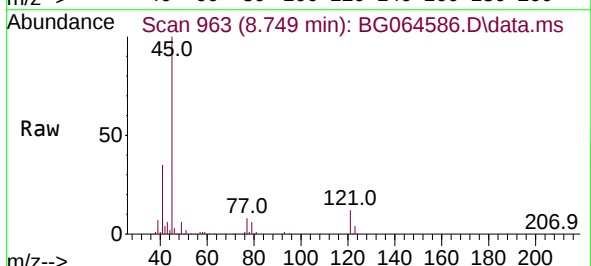
Tgt Ion: 79 Resp: 110183
Ion Ratio Lower Upper
79 100
108 73.4 58.1 87.1
77 63.2 52.8 79.2

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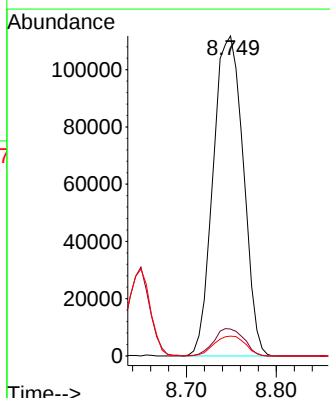
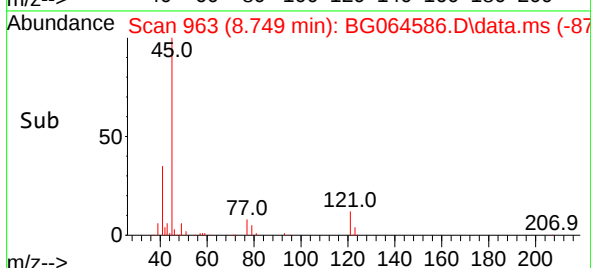
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.166 ng
RT: 8.749 min Scan# 963
Delta R.T. 0.009 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



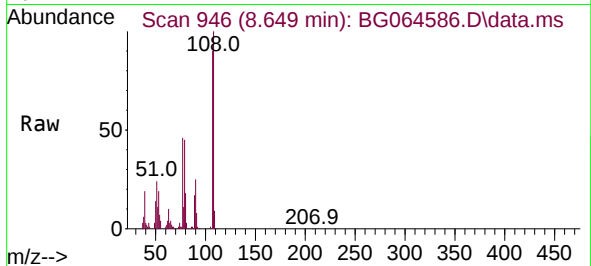
Tgt Ion: 45 Resp: 261188
Ion Ratio Lower Upper
45 100
77 8.4 0.0 28.5
79 6.2 0.0 25.6





#17
2-Methylphenol
Concen: 42.728 ng
RT: 8.649 min Scan# 947
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

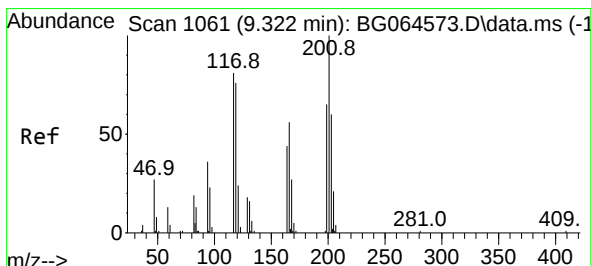
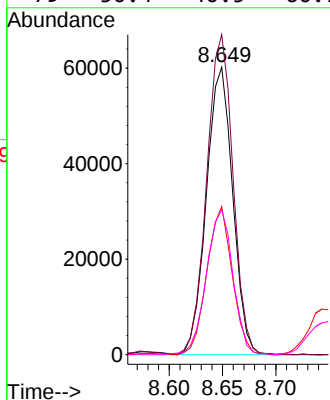
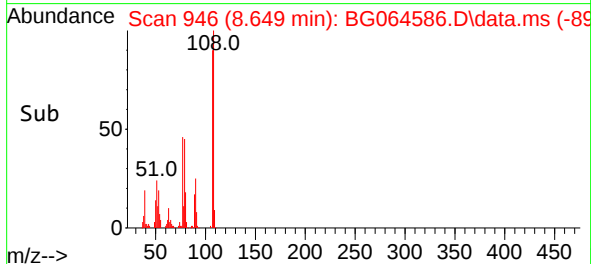
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion:107 Resp: 103374
Ion Ratio Lower Upper
107 100
108 111.3 90.0 135.0
77 51.5 37.8 56.8
79 50.4 40.5 60.7

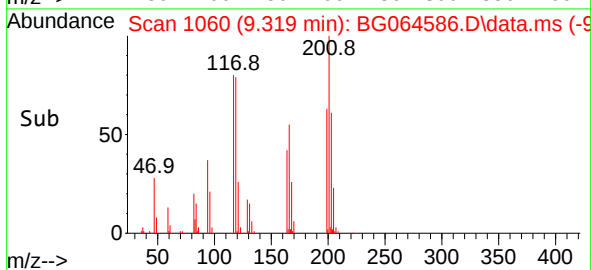
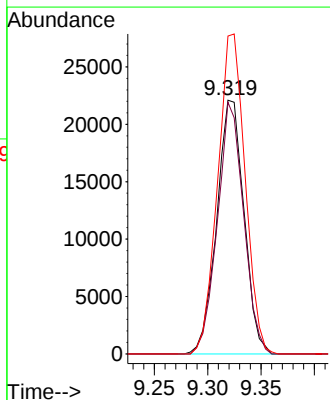
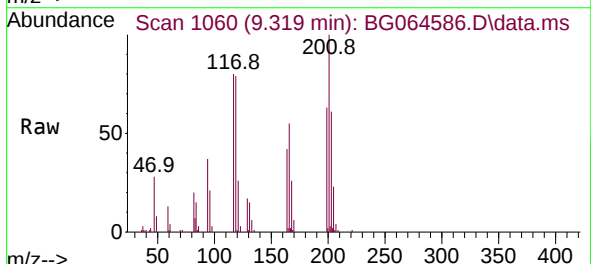
Manual Integrations
APPROVED

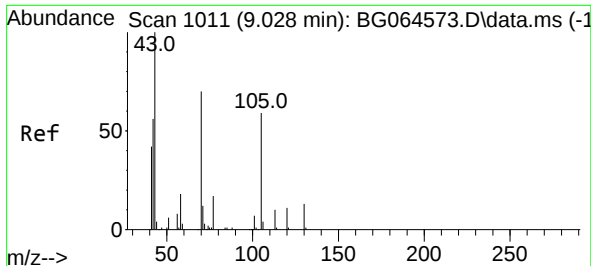
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#18
Hexachloroethane
Concen: 38.059 ng
RT: 9.319 min Scan# 1060
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

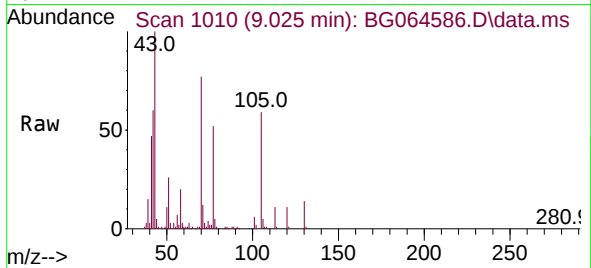
Tgt Ion:117 Resp: 39284
Ion Ratio Lower Upper
117 100
119 99.2 75.4 113.2
201 125.3 99.2 148.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.125 ng
RT: 9.025 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

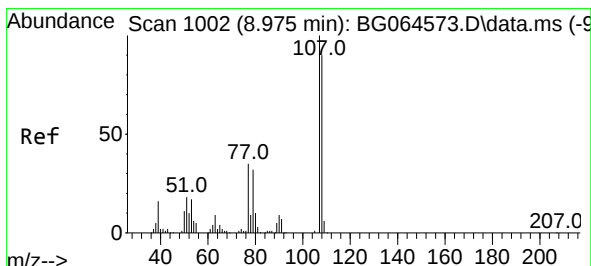
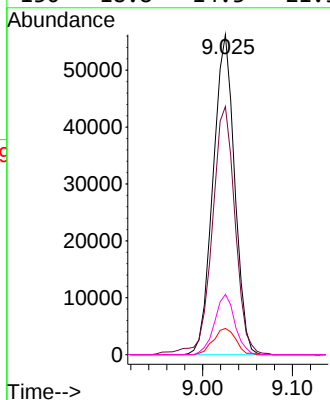
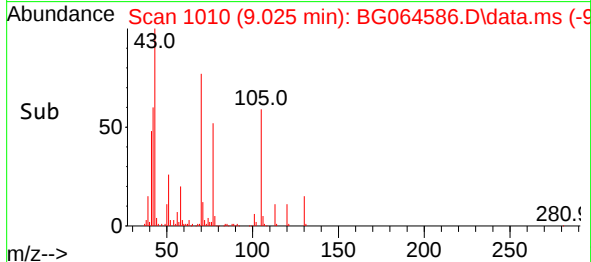
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



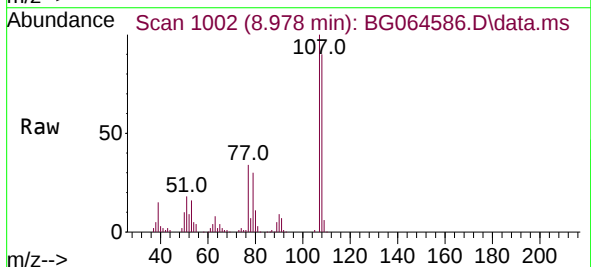
Tgt Ion: 70 Resp: 9364
Ion Ratio Lower Upper
70 100
42 77.5 65.2 97.8
101 8.2 7.9 11.9
130 18.8 14.3 21.5

Manual Integrations
APPROVED

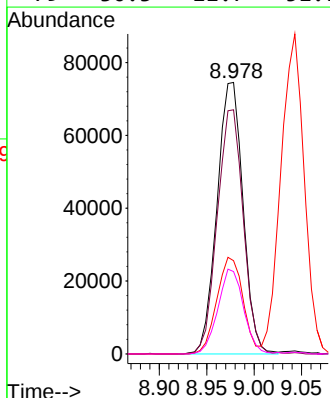
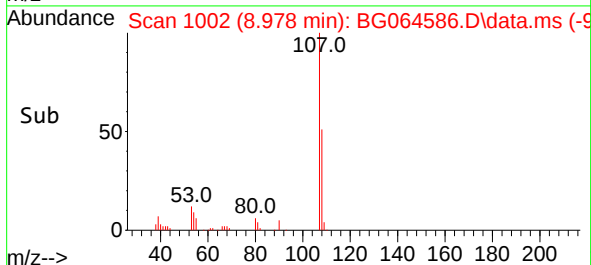
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

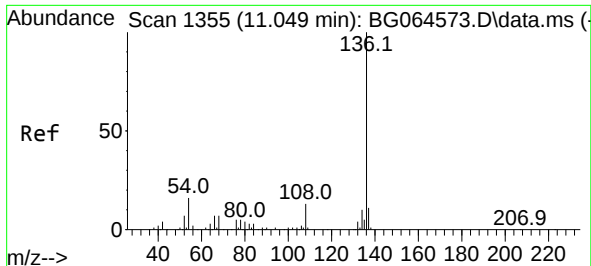


#20
3+4-Methylphenols
Concen: 41.772 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



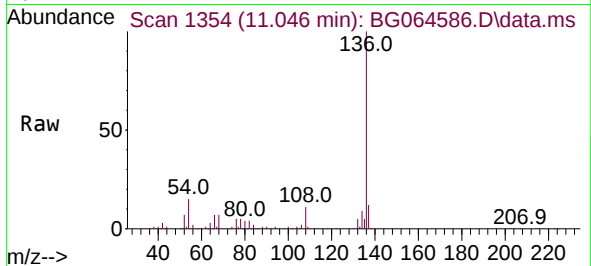
Tgt Ion:107 Resp: 142125
Ion Ratio Lower Upper
107 100
108 89.9 70.3 110.3
77 34.3 14.6 54.6
79 30.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1355
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

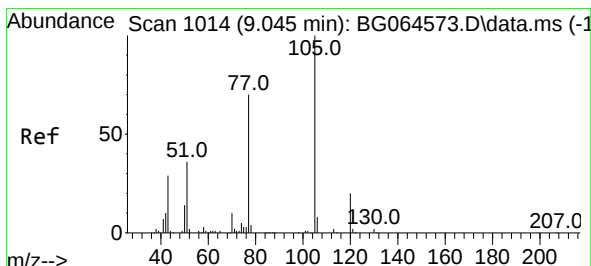
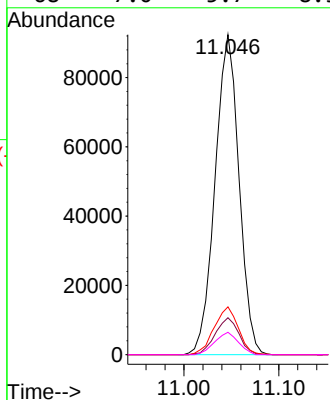
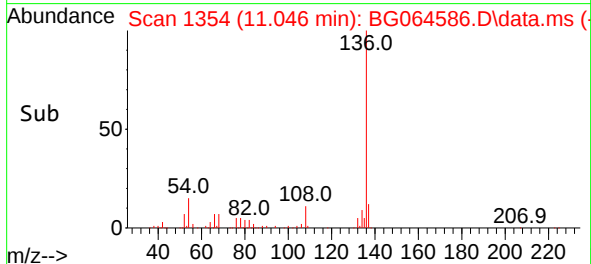
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion:136 Resp: 162009
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 14.9 12.6 19.0
68 7.0 5.7 8.5

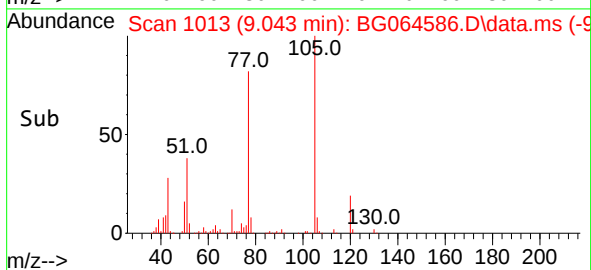
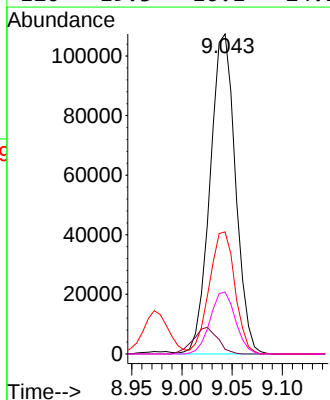
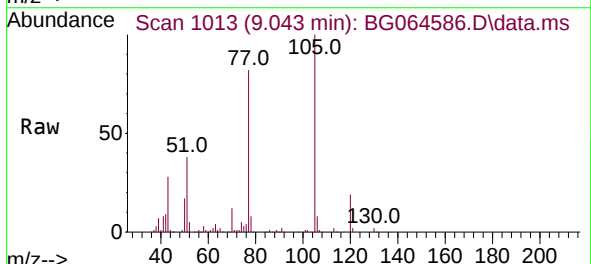
Manual Integrations
APPROVED

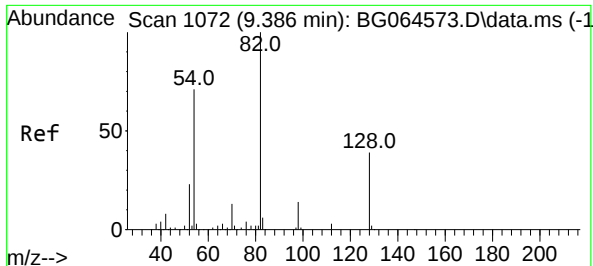
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#22
Acetophenone
Concen: 42.778 ng
RT: 9.043 min Scan# 1013
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Tgt Ion:105 Resp: 189450
Ion Ratio Lower Upper
105 100
71 1.4 1.5 2.3#
51 38.1 33.7 50.5
120 19.3 16.1 24.1





#23

Nitrobenzene-d5

Concen: 88.461 ng

RT: 9.384 min Scan# 1072

Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

ClientSampleId :

PB170222BSD

Tgt Ion: 82 Resp: 238610

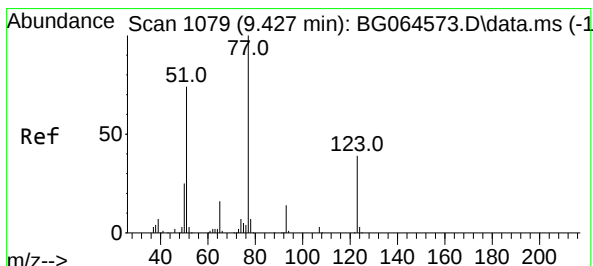
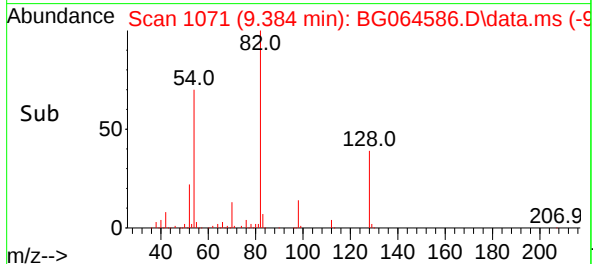
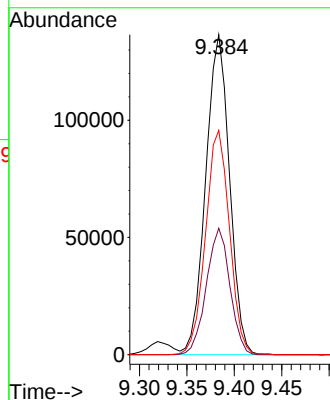
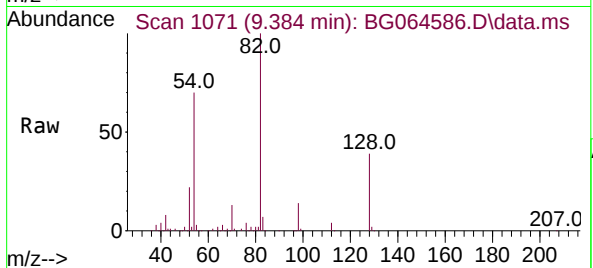
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.3	46.9
54	70.1	56.6	84.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#24

Nitrobenzene

Concen: 42.129 ng

RT: 9.425 min Scan# 1078

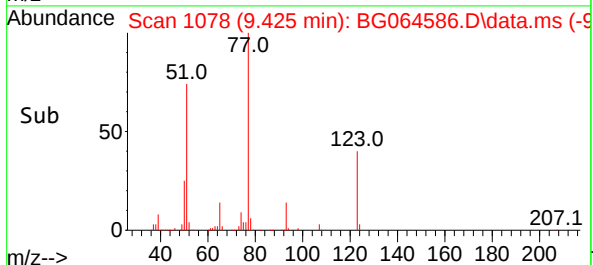
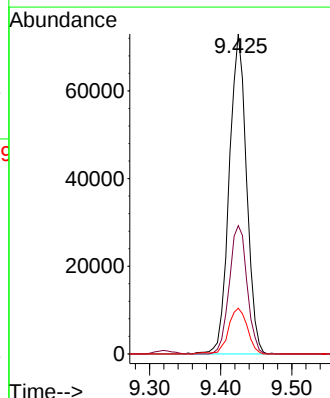
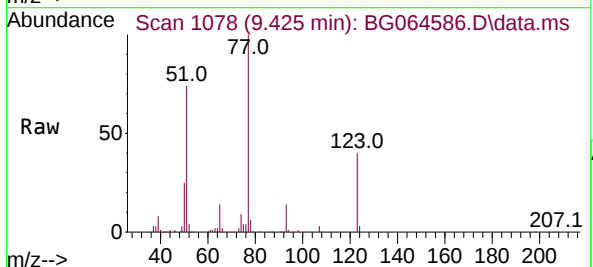
Delta R.T. -0.003 min

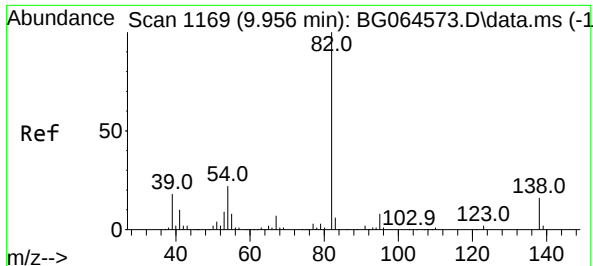
Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

Tgt Ion: 77 Resp: 123596

Ion	Ratio	Lower	Upper
77	100		
123	40.1	31.0	46.6
65	14.3	12.7	19.1





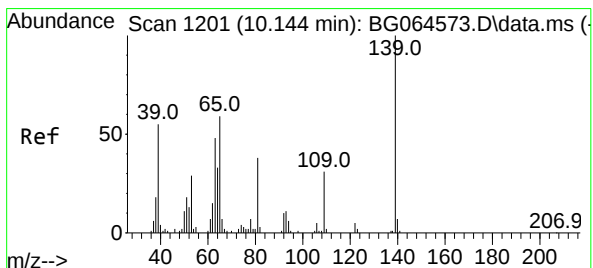
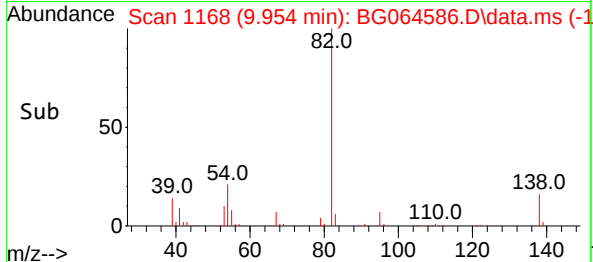
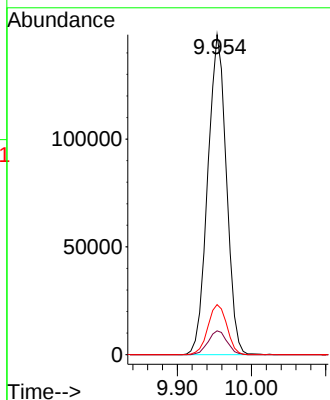
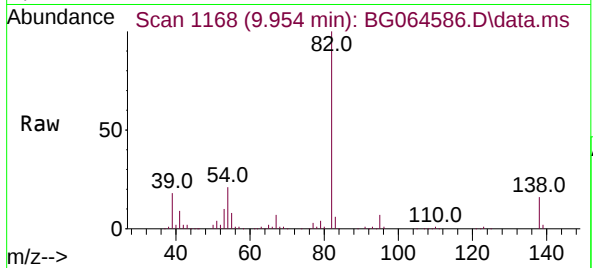
#25
Isophorone
Concen: 39.961 ng
RT: 9.954 min Scan# 1169
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Instrument :
BNA_G
ClientSampleId :
PB170222BSD

Tgt Ion: 82 Resp: 258646
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 15.6 13.0 19.4

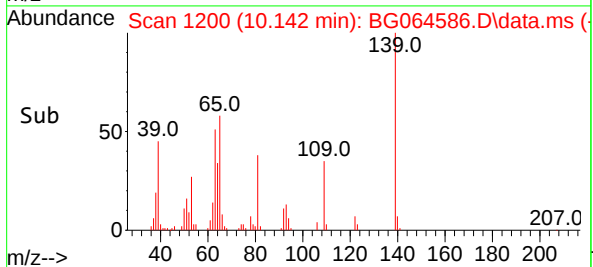
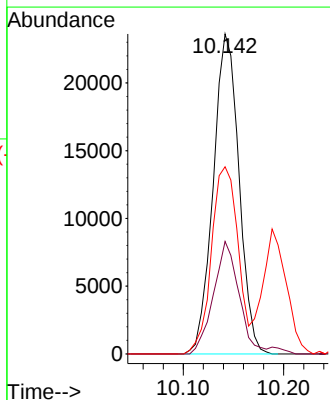
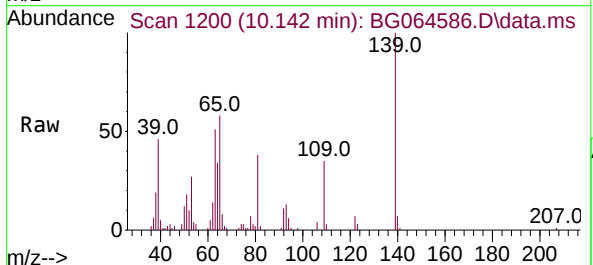
Manual Integrations
APPROVED

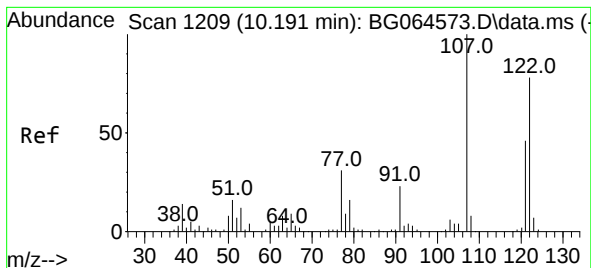
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#26
2-Nitrophenol
Concen: 37.908 ng
RT: 10.142 min Scan# 1200
Delta R.T. -0.002 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

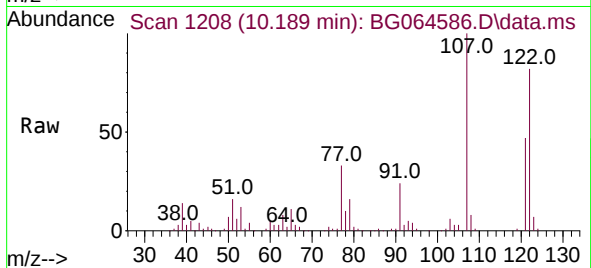
Tgt Ion:139 Resp: 42113
Ion Ratio Lower Upper
139 100
109 35.1 24.6 37.0
65 58.5 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 48.961 ng
RT: 10.189 min Scan# 1208
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

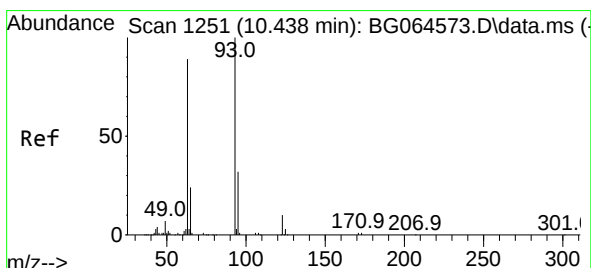
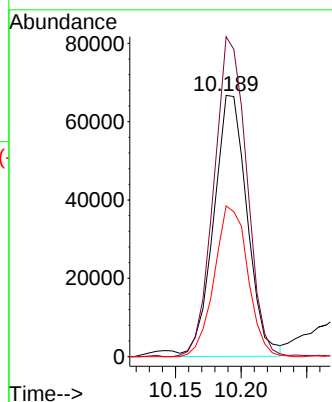
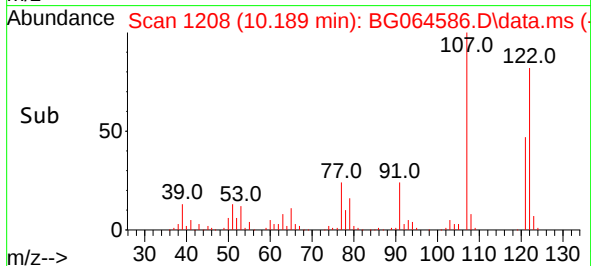
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion:122 Resp: 117875
Ion Ratio Lower Upper
122 100
107 122.5 103.0 154.4
121 57.7 47.8 71.8

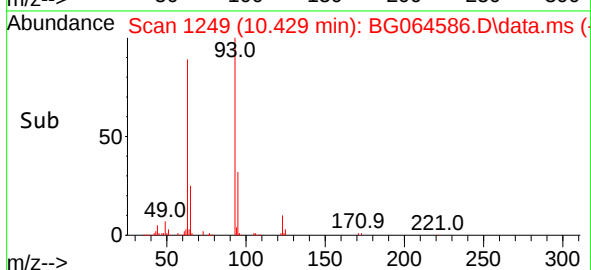
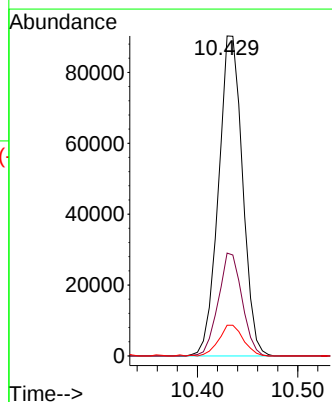
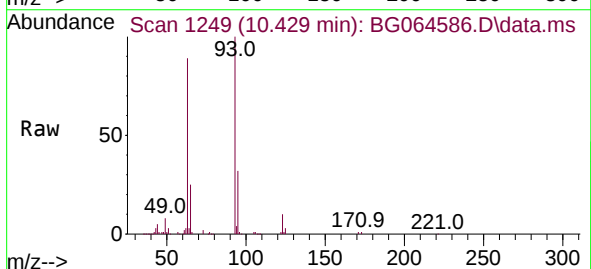
Manual Integrations
APPROVED

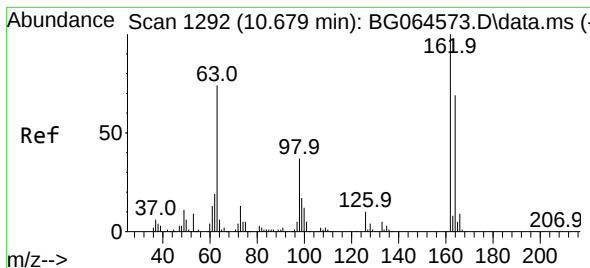
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.752 ng
RT: 10.429 min Scan# 1249
Delta R.T. -0.008 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

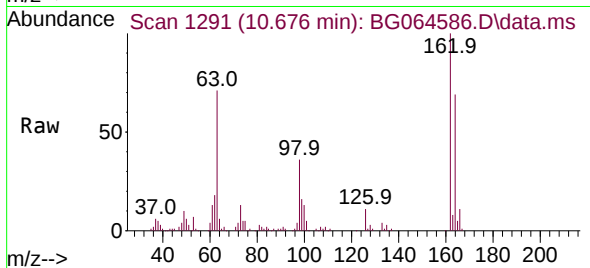
Tgt Ion: 93 Resp: 150179
Ion Ratio Lower Upper
93 100
95 32.1 25.4 38.2
123 9.6 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 45.296 ng
RT: 10.676 min Scan# 1291
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

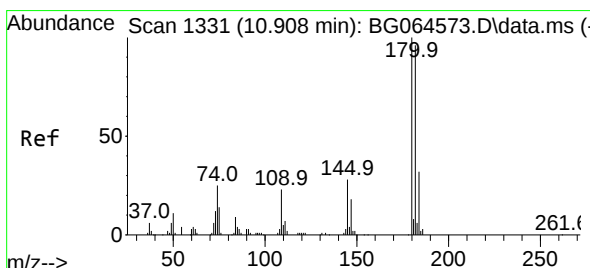
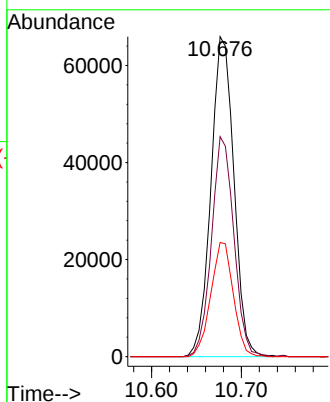
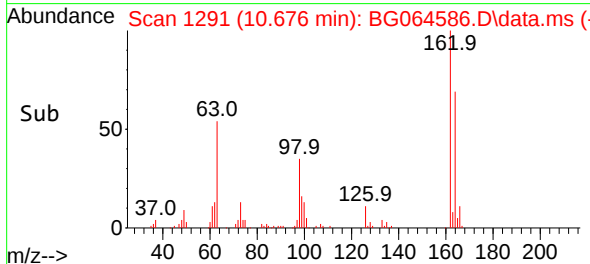
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



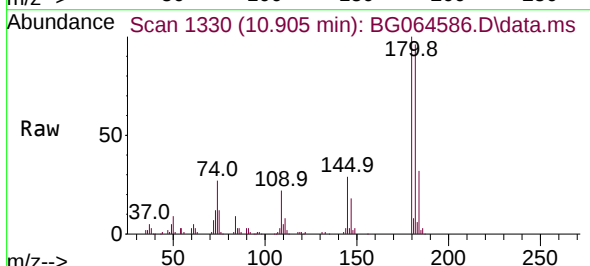
Tgt Ion:162 Resp: 117361
Ion Ratio Lower Upper
162 100
164 68.7 48.7 88.7
98 35.7 16.9 56.9

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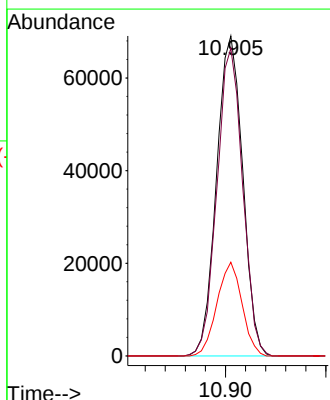
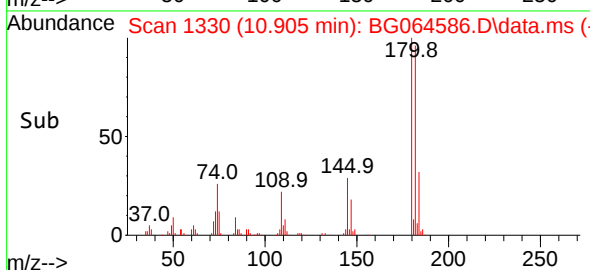
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

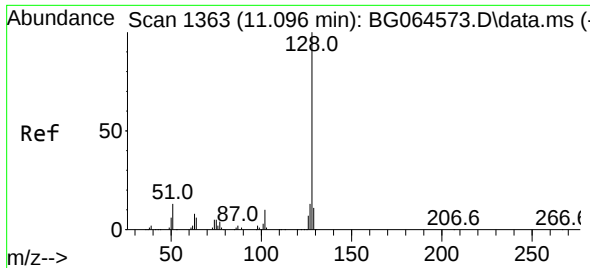


#30
1,2,4-Trichlorobenzene
Concen: 42.436 ng
RT: 10.905 min Scan# 1330
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



Tgt Ion:180 Resp: 124927
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 29.3 22.1 33.1





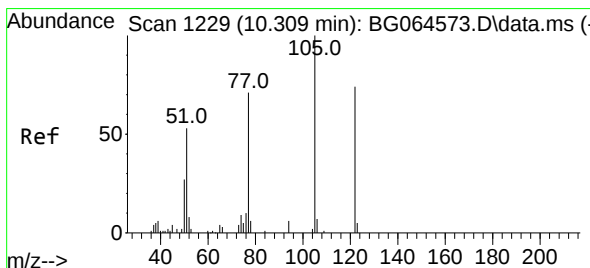
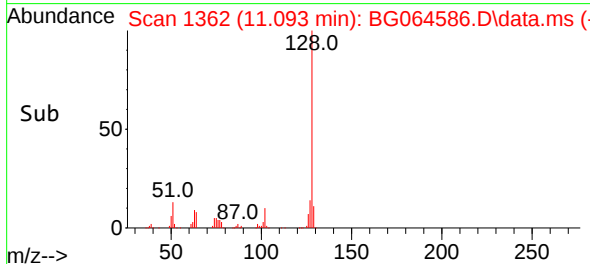
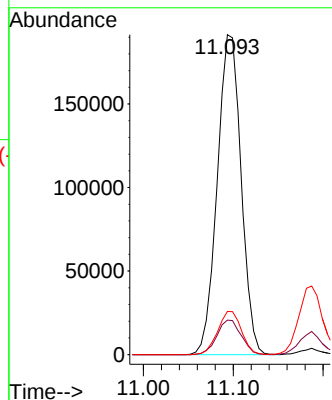
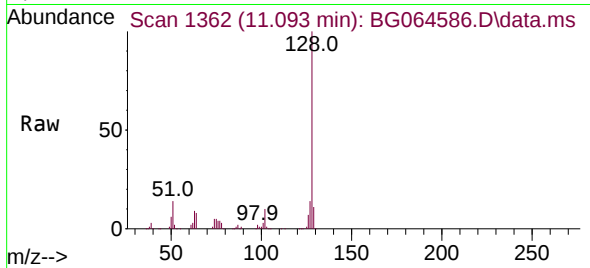
#31
Naphthalene
Concen: 39.465 ng
RT: 11.093 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Instrument :
BNA_G
ClientSampleId :
PB170222BSD

Tgt Ion:128 Resp: 354488
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.5 10.6 15.8

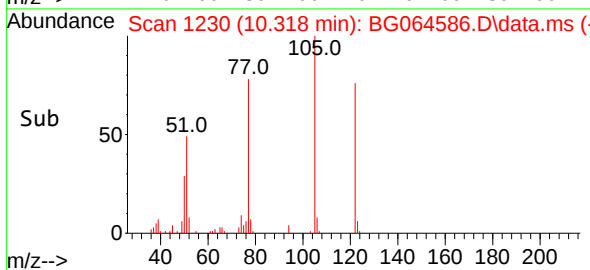
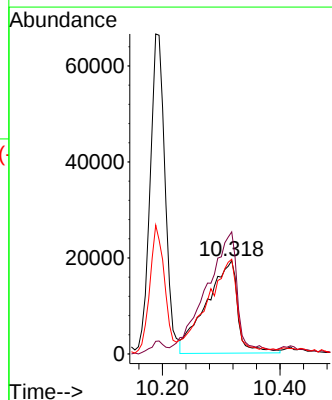
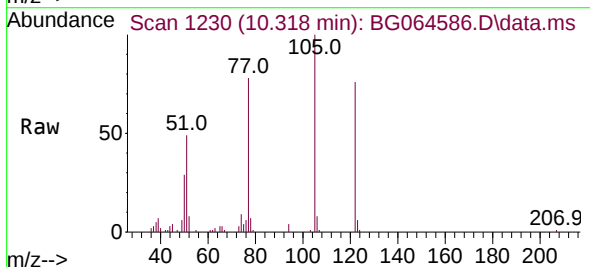
Manual Integrations
APPROVED

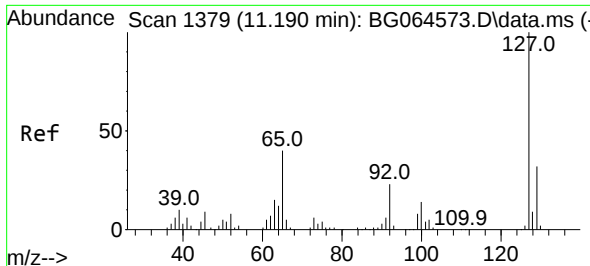
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#32
Benzoic acid
Concen: 40.045 ng
RT: 10.318 min Scan# 1230
Delta R.T. 0.009 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Tgt Ion:122 Resp: 71315
Ion Ratio Lower Upper
122 100
105 130.7 104.2 144.2
77 101.5 70.2 110.2





#33
4-Chloroaniline
Concen: 21.610 ng
RT: 11.187 min Scan# 1379
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

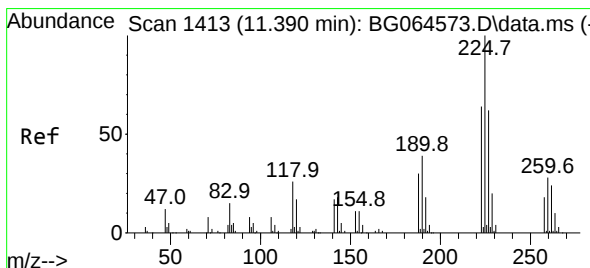
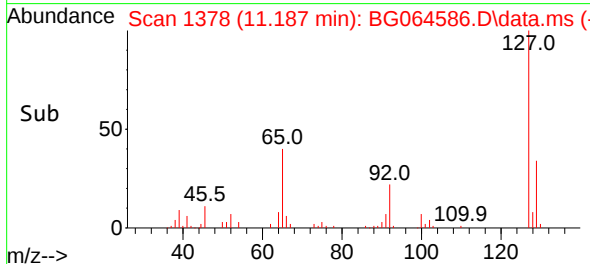
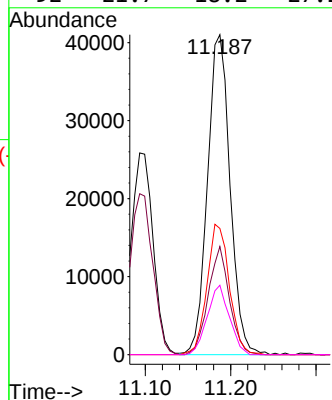
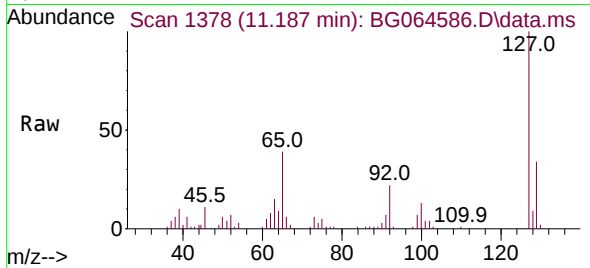
ClientSampleId :

PB170222BSD

Tgt Ion:127 Resp: 75445
Ion Ratio Lower Upper
127 100
129 33.8 25.5 38.3
65 39.4 32.2 48.4
92 21.7 18.2 27.2

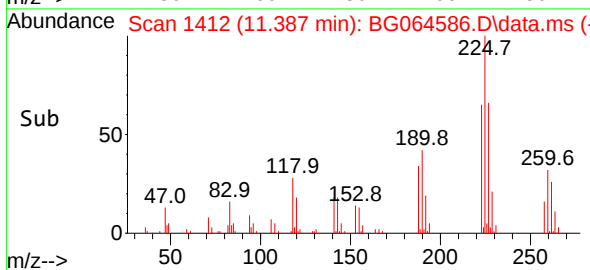
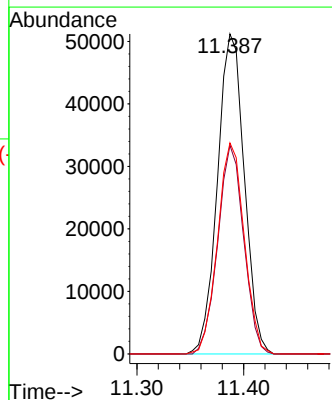
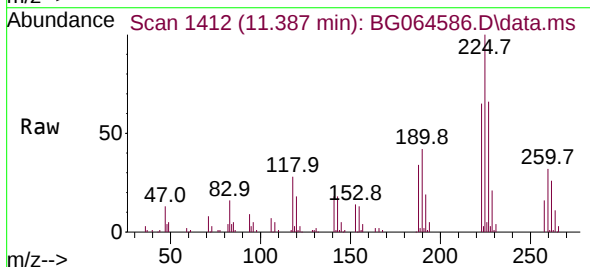
Manual Integrations
APPROVED

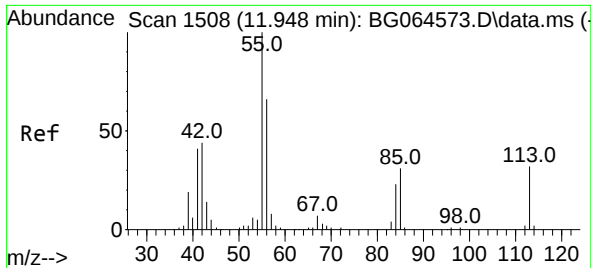
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#34
Hexachlorobutadiene
Concen: 38.958 ng
RT: 11.387 min Scan# 1412
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

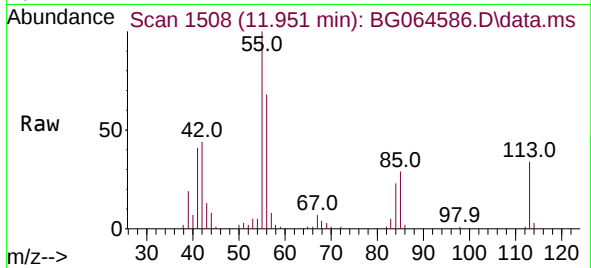
Tgt Ion:225 Resp: 89693
Ion Ratio Lower Upper
225 100
223 65.2 48.8 73.2
227 69.0 49.5 74.3





#35
 Caprolactam
 Concen: 37.690 ng m
 RT: 11.951 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BG064586.D
 Acq: 27 Oct 2025 14:00

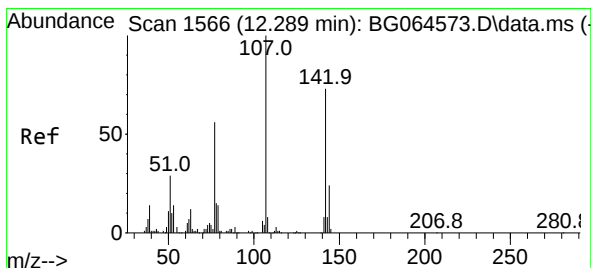
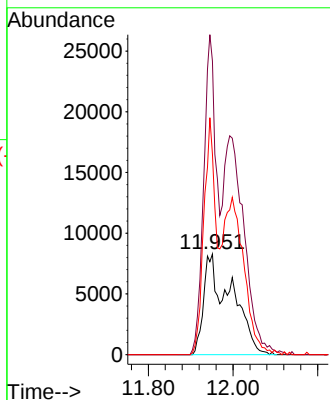
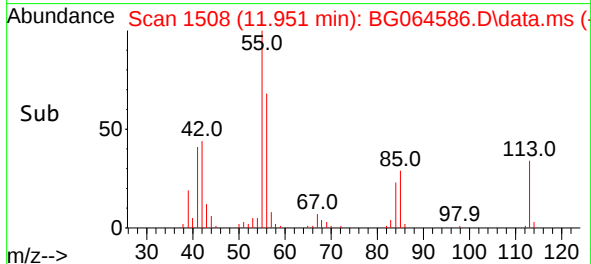
Instrument :
 BNA_G
 ClientSampleId :
 PB170222BSD



Tgt Ion:113 Resp: 37454
 Ion Ratio Lower Upper
 113 100
 55 291.9 290.1 330.1
 56 199.4 183.8 223.8

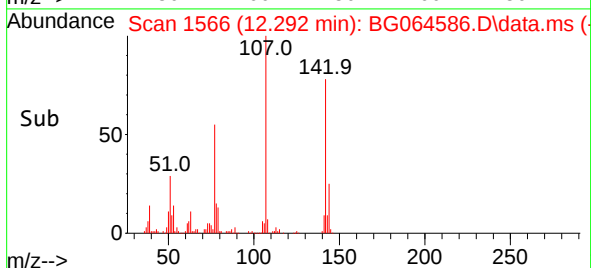
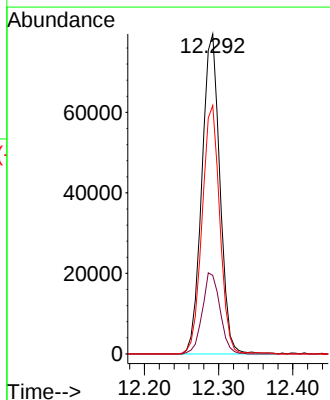
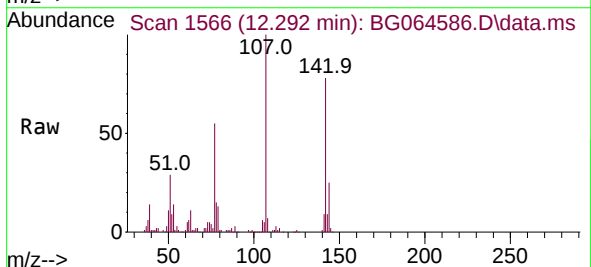
Manual Integrations
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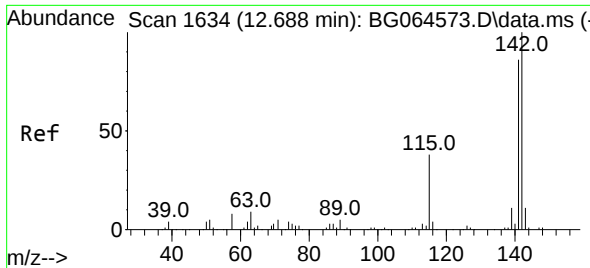
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#36
 4-Chloro-3-methylphenol
 Concen: 42.946 ng
 RT: 12.292 min Scan# 1566
 Delta R.T. 0.003 min
 Lab File: BG064586.D
 Acq: 27 Oct 2025 14:00

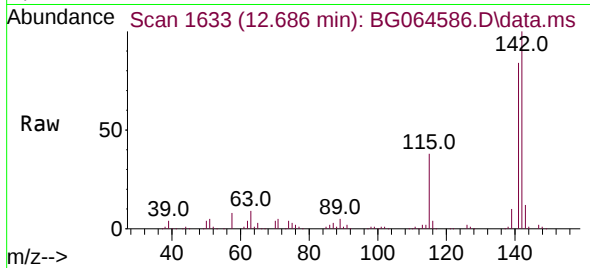
Tgt Ion:107 Resp: 133753
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.1 28.7
 142 77.6 58.6 87.8





#37
2-Methylnaphthalene
Concen: 36.557 ng
RT: 12.686 min Scan# 1634
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

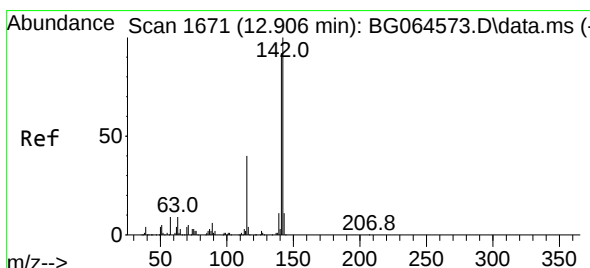
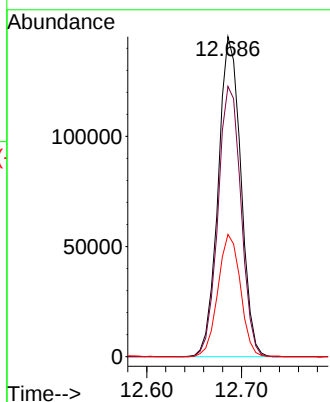
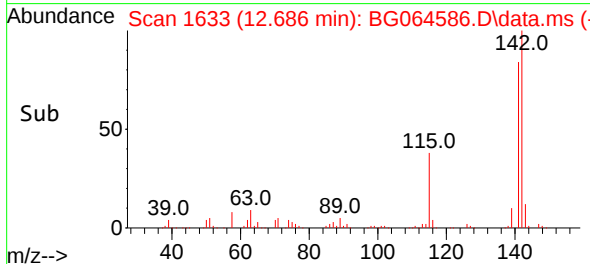
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



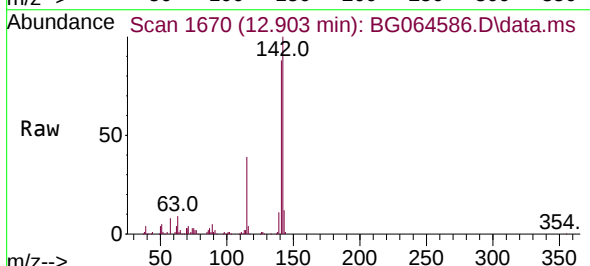
Tgt Ion:142 Resp: 241083
Ion Ratio Lower Upper
142 100
141 84.4 68.9 103.3
115 38.2 30.6 46.0

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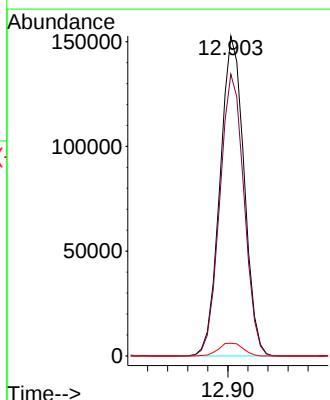
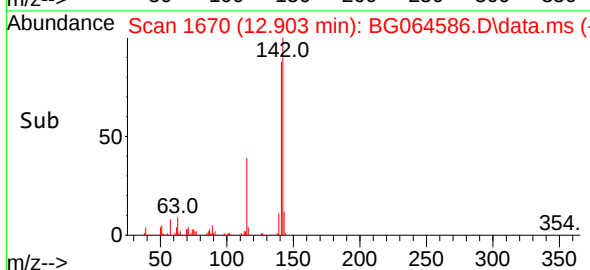
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

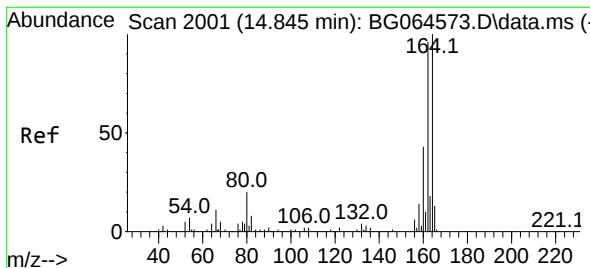


#38
1-Methylnaphthalene
Concen: 38.853 ng
RT: 12.903 min Scan# 1670
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



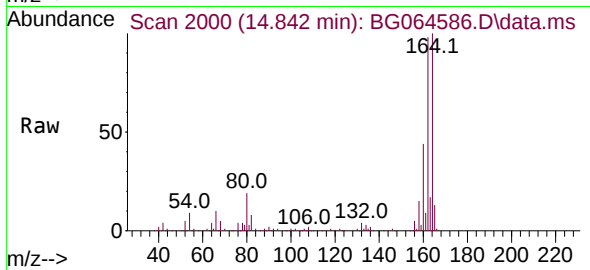
Tgt Ion:142 Resp: 253651
Ion Ratio Lower Upper
142 100
141 88.0 73.3 109.9
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2001
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

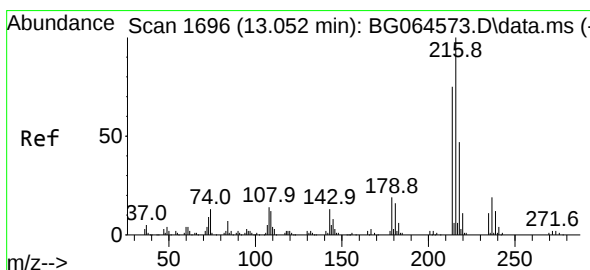
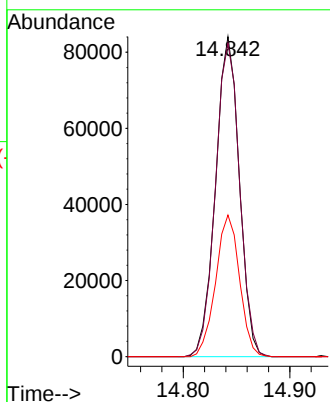
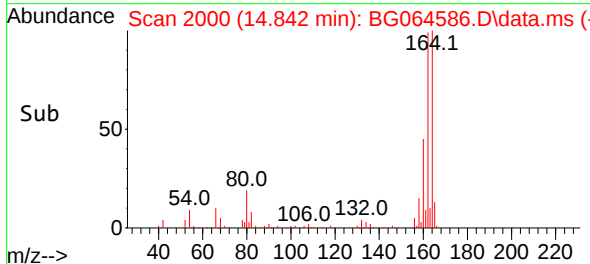
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



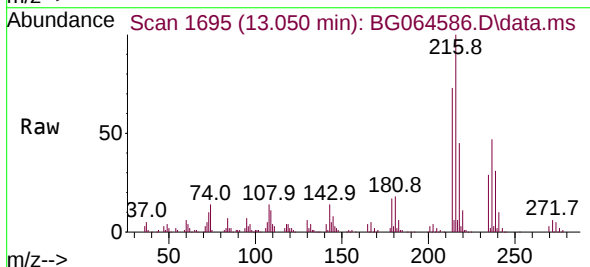
Tgt Ion:164 Resp: 130466
Ion Ratio Lower Upper
164 100
162 97.9 77.0 115.6
160 44.2 34.4 51.6

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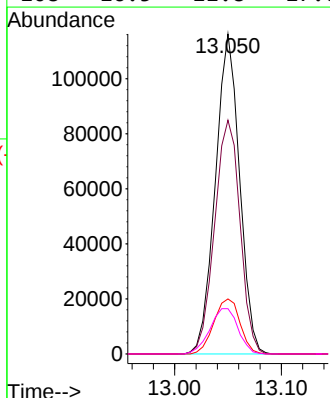
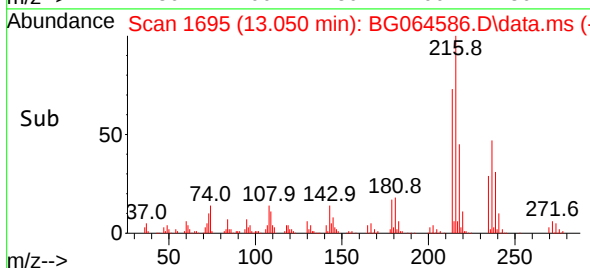
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

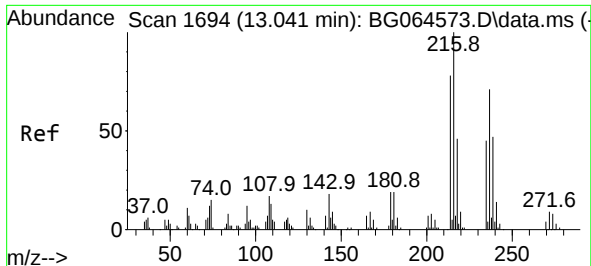


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.853 ng
RT: 13.050 min Scan# 1695
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



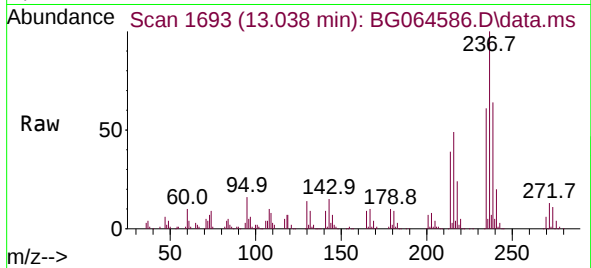
Tgt Ion:216 Resp: 183253
Ion Ratio Lower Upper
216 100
214 76.7 61.4 92.2
179 18.6 15.4 23.0
108 16.5 11.8 17.6





#41
Hexachlorocyclopentadiene
Concen: 101.591 ng
RT: 13.038 min Scan# 1693
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

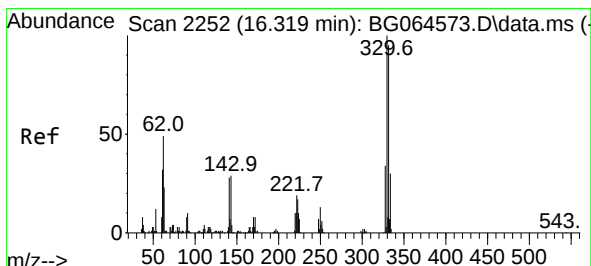
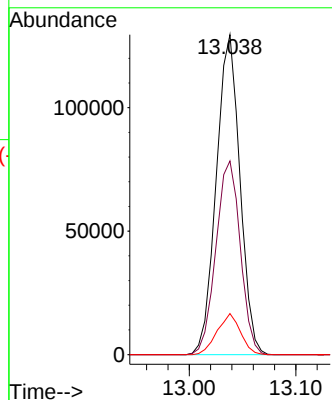
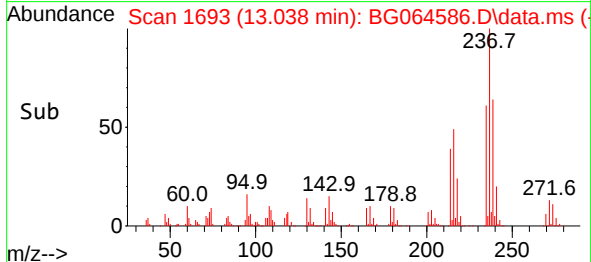
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



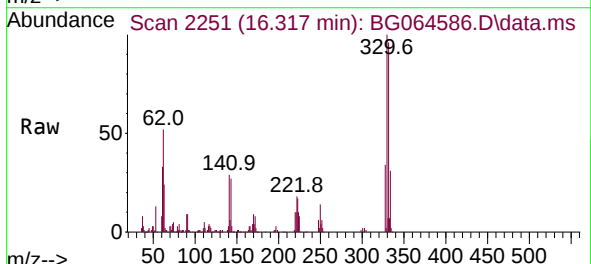
Tgt Ion:237 Resp: 200216
Ion Ratio Lower Upper
237 100
235 60.5 44.1 84.1
272 12.8 0.0 32.4

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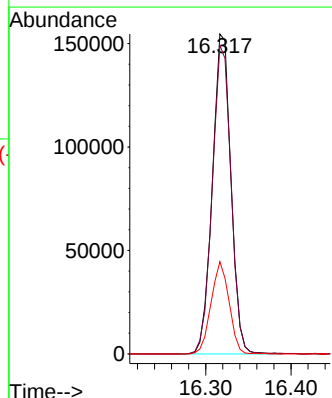
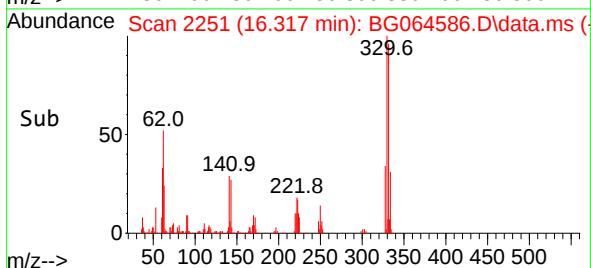
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

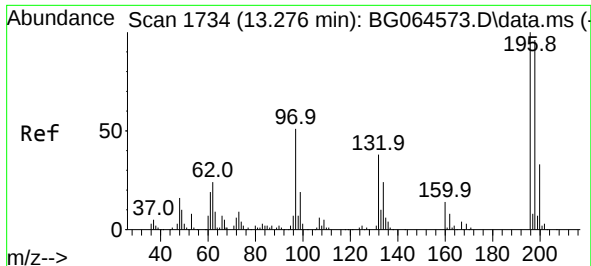


#42
2,4,6-Tribromophenol
Concen: 124.104 ng
RT: 16.317 min Scan# 2251
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



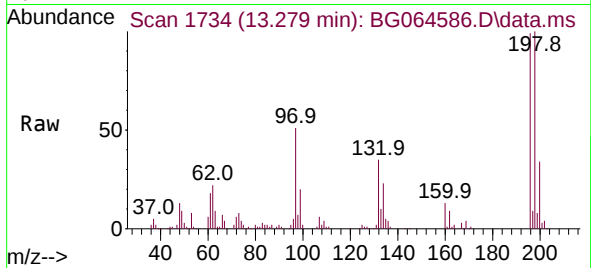
Tgt Ion:330 Resp: 233689
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 27.9 21.8 32.6





#43
2,4,6-Trichlorophenol
Concen: 43.653 ng
RT: 13.279 min Scan# 1734
Delta R.T. 0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

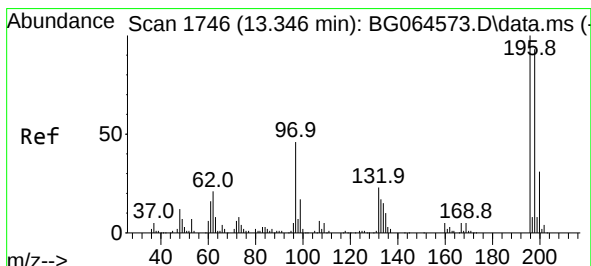
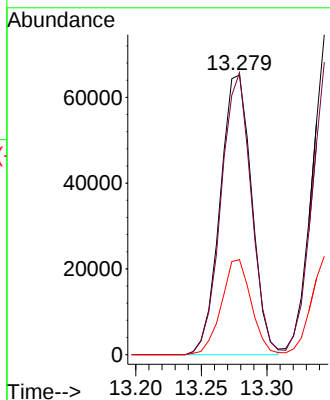
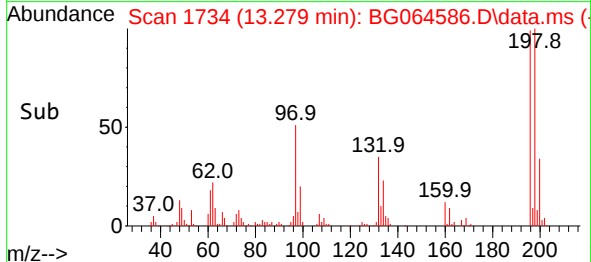
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



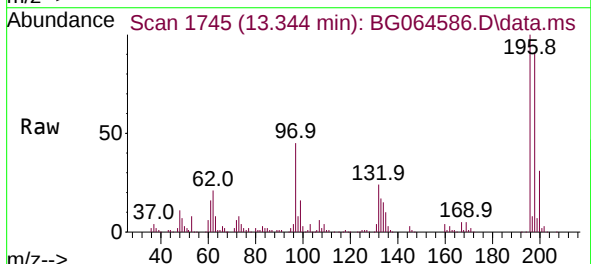
Tgt Ion:196 Resp: 109331
Ion Ratio Lower Upper
196 100
198 100.8 76.6 115.0
200 34.0 26.0 39.0

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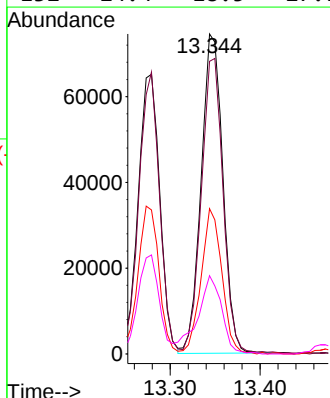
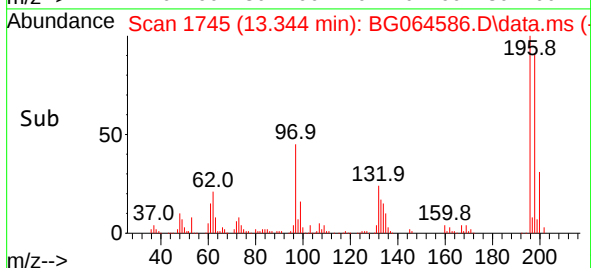
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

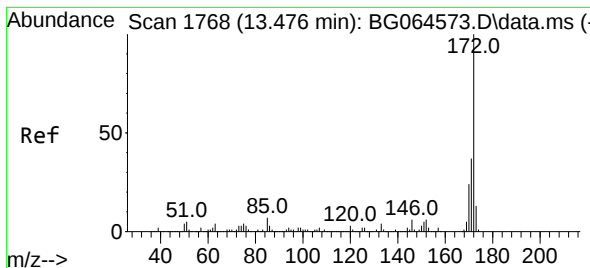


#44
2,4,5-Trichlorophenol
Concen: 43.458 ng
RT: 13.344 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



Tgt Ion:196 Resp: 125605
Ion Ratio Lower Upper
196 100
198 91.4 74.2 111.4
97 45.4 37.0 55.6
132 24.4 18.5 27.7





#45

2-Fluorobiphenyl

Concen: 79.807 ng

RT: 13.473 min Scan# 1768

Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

ClientSampleId :

PB170222BSD

Tgt Ion:172 Resp: 68693

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

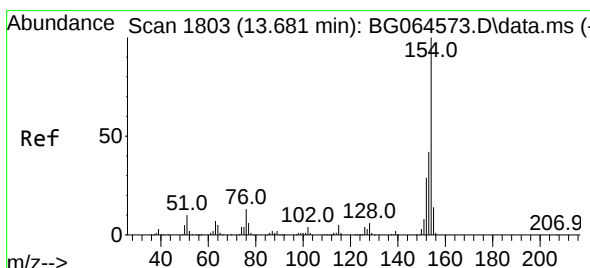
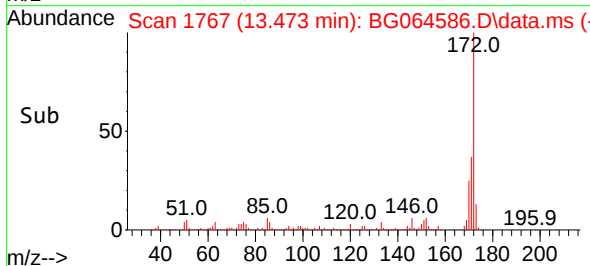
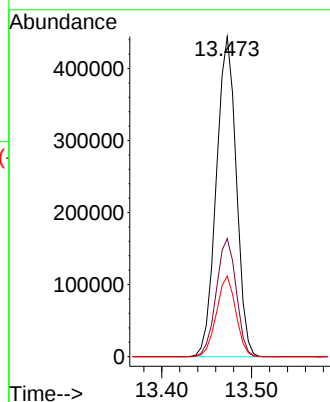
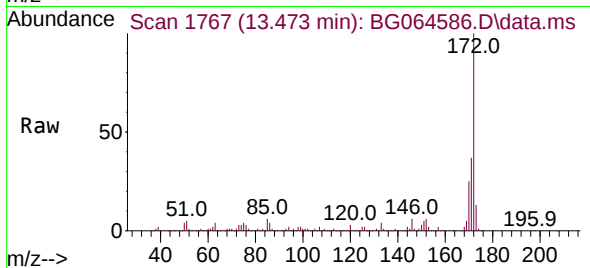
170 25.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#46

1,1'-Biphenyl

Concen: 42.145 ng

RT: 13.679 min Scan# 1802

Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

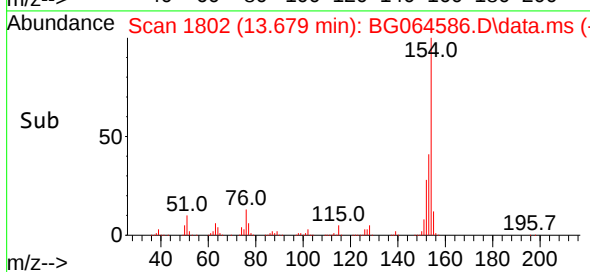
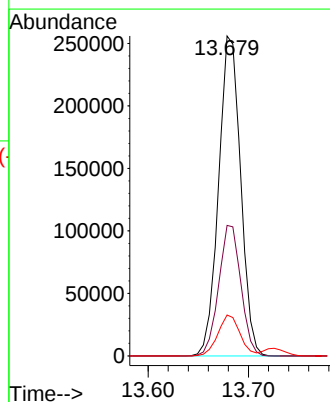
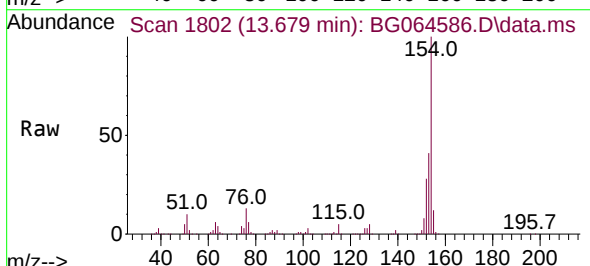
Tgt Ion:154 Resp: 390910

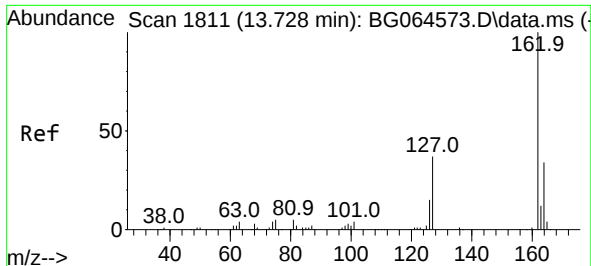
Ion Ratio Lower Upper

154 100

153 40.8 22.4 62.4

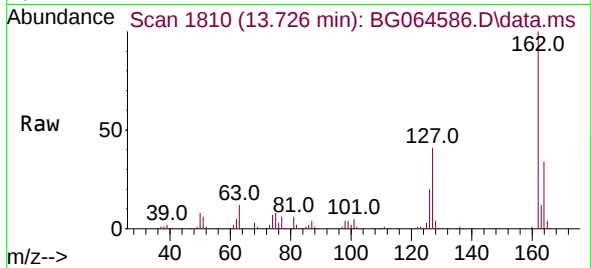
76 12.8 0.0 33.5





#47
2-Chloronaphthalene
Concen: 39.298 ng
RT: 13.726 min Scan# 1811
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

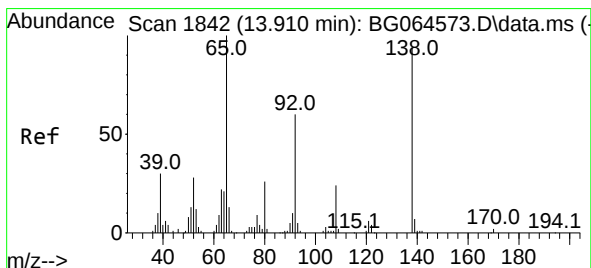
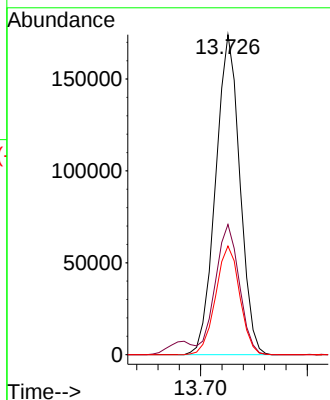
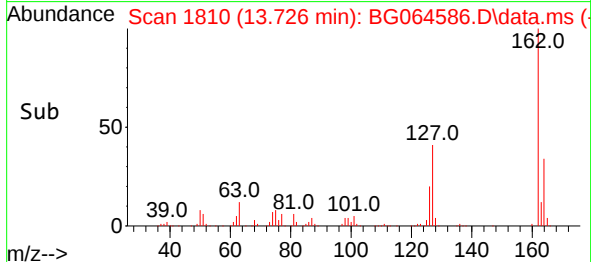
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion:162 Resp: 275135
Ion Ratio Lower Upper
162 100
127 40.7 32.2 48.2
164 34.0 27.5 41.3

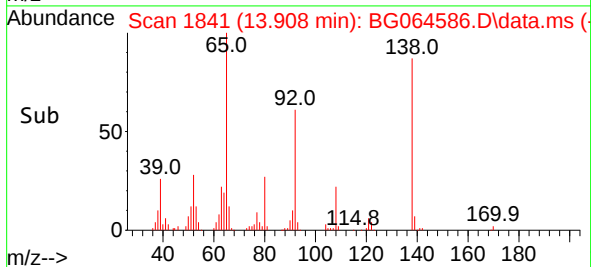
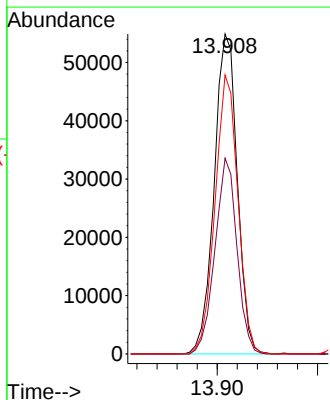
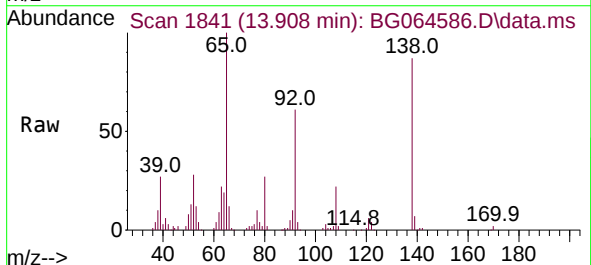
Manual Integrations
APPROVED

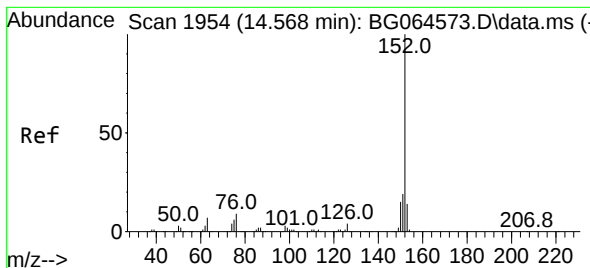
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#48
2-Nitroaniline
Concen: 38.057 ng
RT: 13.908 min Scan# 1841
Delta R.T. -0.002 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

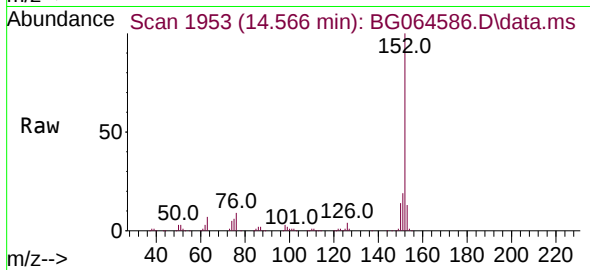
Tgt Ion: 65 Resp: 87764
Ion Ratio Lower Upper
65 100
92 61.1 48.3 72.5
138 87.2 74.9 112.3





#49
Acenaphthylene
Concen: 45.145 ng
RT: 14.566 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

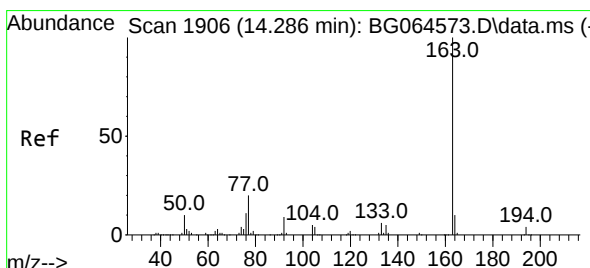
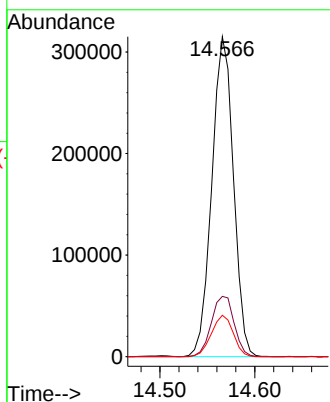
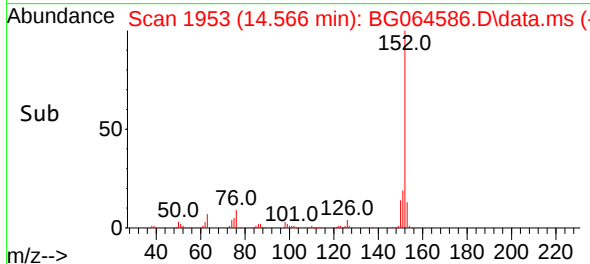
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



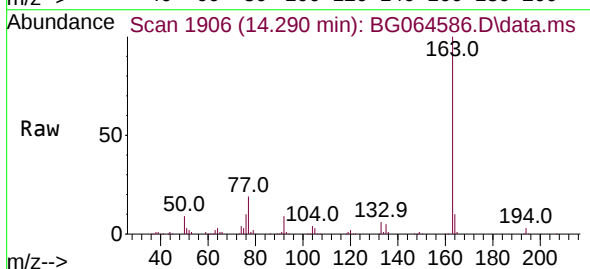
Tgt Ion:152 Resp: 498547
Ion Ratio Lower Upper
152 100
151 18.8 15.4 23.2
153 12.9 11.0 16.4

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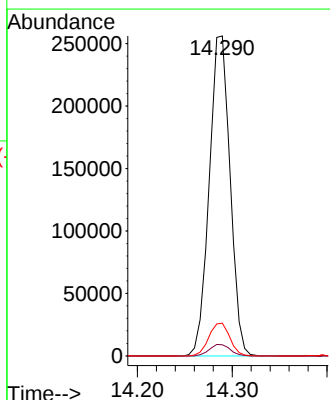
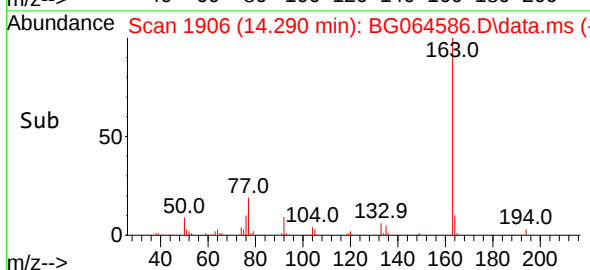
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

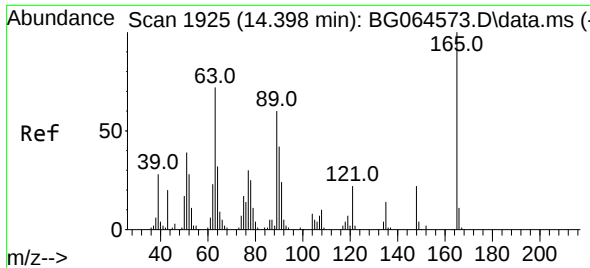


#50
Dimethylphthalate
Concen: 39.241 ng
RT: 14.290 min Scan# 1906
Delta R.T. 0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



Tgt Ion:163 Resp: 391752
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.2 7.7 11.5





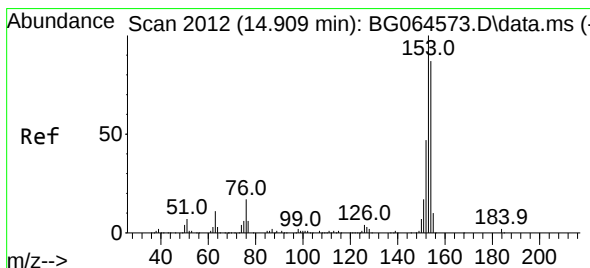
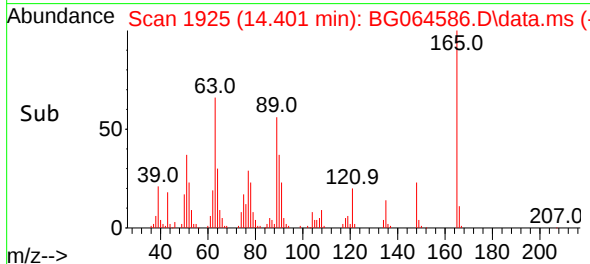
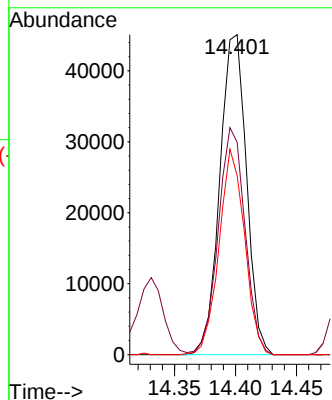
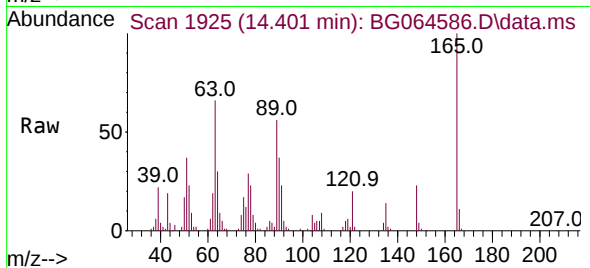
#51
2,6-Dinitrotoluene
Concen: 42.037 ng
RT: 14.401 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Instrument :
BNA_G
ClientSampleId :
PB170222BSD

Tgt Ion:165 Resp: 68546
Ion Ratio Lower Upper
165 100
63 66.3 57.4 86.0
89 55.9 47.8 71.8

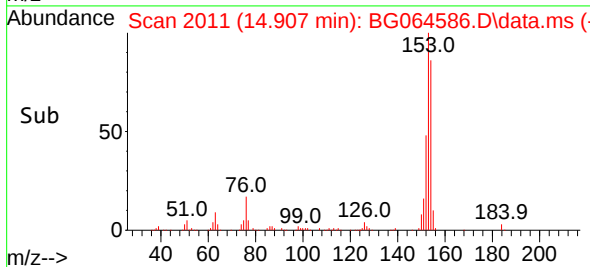
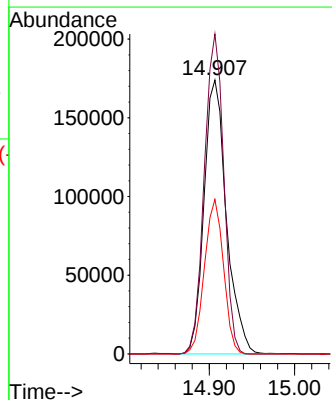
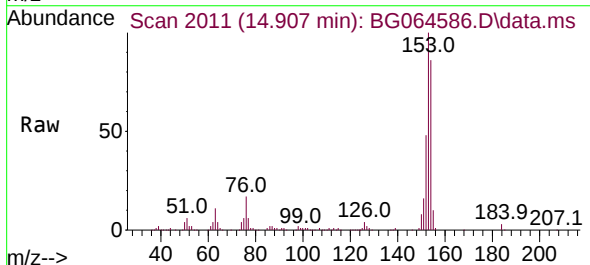
Manual Integrations
APPROVED

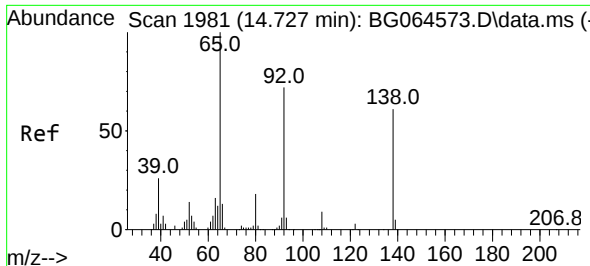
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#52
Acenaphthene
Concen: 42.188 ng
RT: 14.907 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

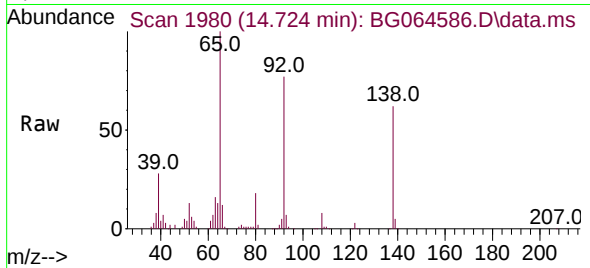
Tgt Ion:154 Resp: 318306
Ion Ratio Lower Upper
154 100
153 116.8 92.2 138.4
152 56.4 43.2 64.8





#53
3-Nitroaniline
Concen: 30.048 ng
RT: 14.724 min Scan# 1981
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

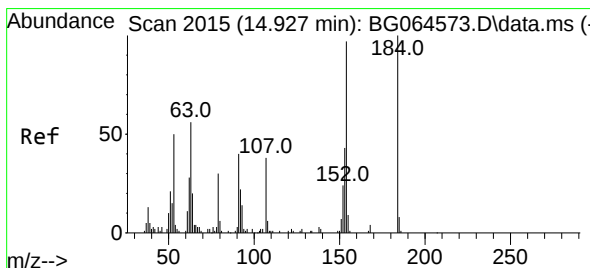
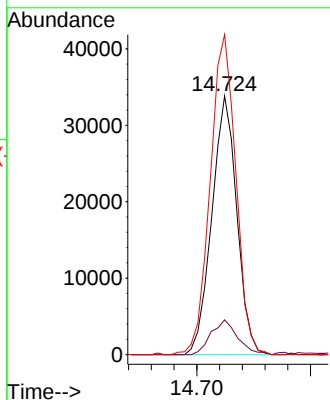
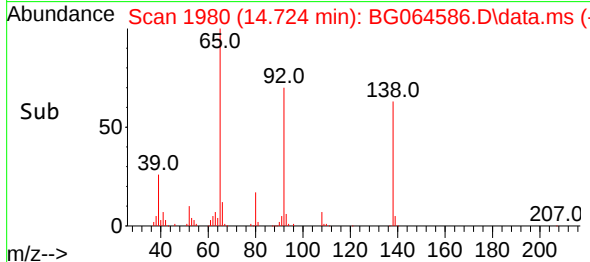
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion:138 Resp: 5155
Ion Ratio Lower Upper
138 100
108 13.5 11.4 17.0
92 123.7 95.3 142.9

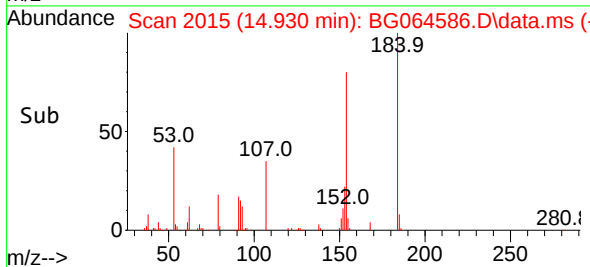
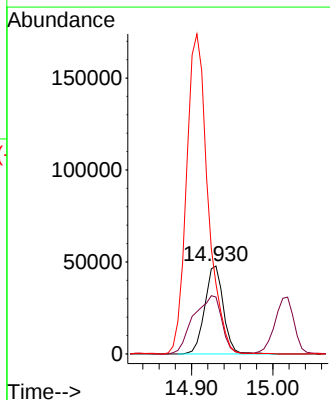
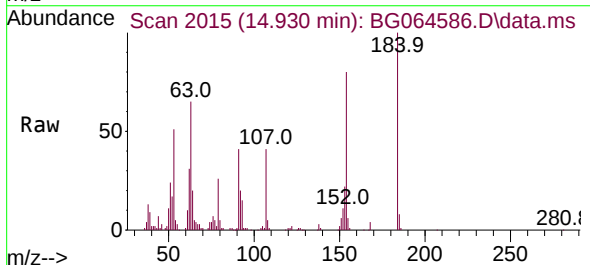
Manual Integrations
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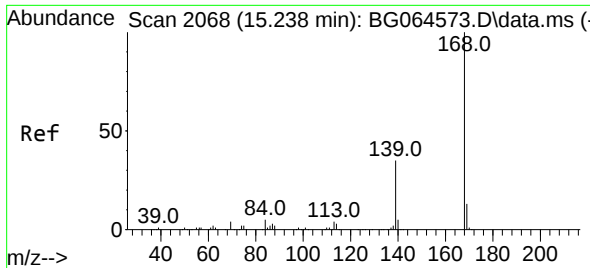
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#54
2,4-Dinitrophenol
Concen: 75.233 ng
RT: 14.930 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Tgt Ion:184 Resp: 75685
Ion Ratio Lower Upper
184 100
63 64.6 56.6 85.0
154 79.8 158.6 238.0#





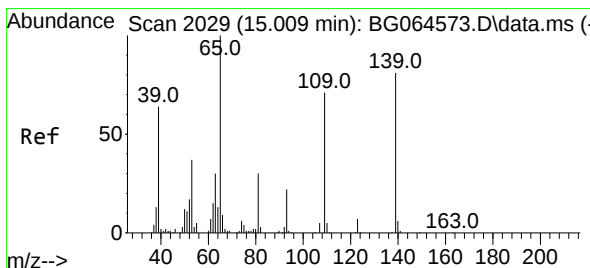
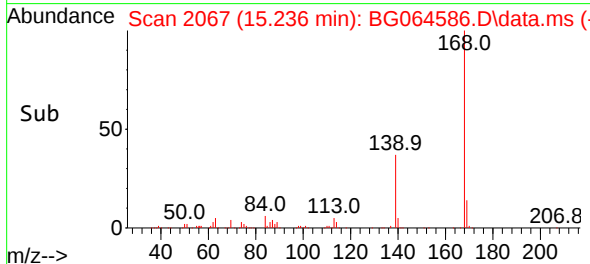
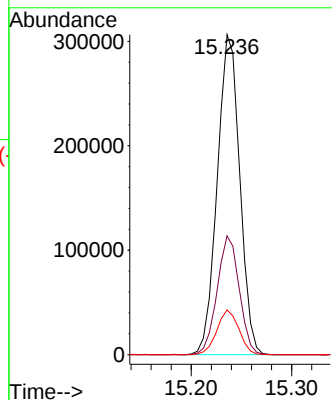
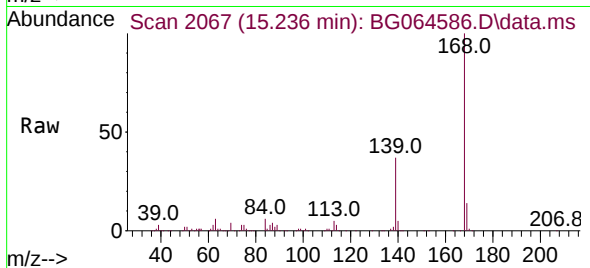
#55
Dibenzofuran
Concen: 39.162 ng
RT: 15.236 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Instrument :
BNA_G
ClientSampleId :
PB170222BSD

Tgt Ion:168 Resp: 477686
Ion Ratio Lower Upper
168 100
139 37.1 27.8 41.8
169 14.0 10.3 15.5

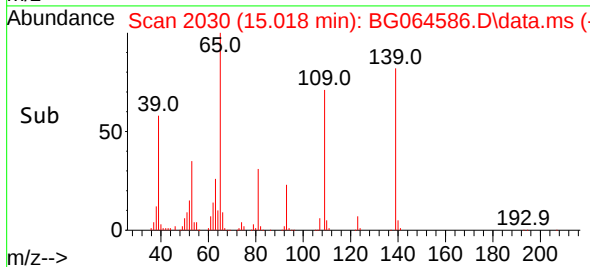
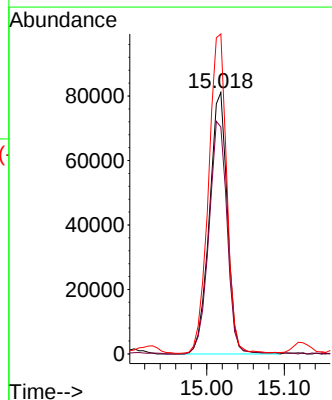
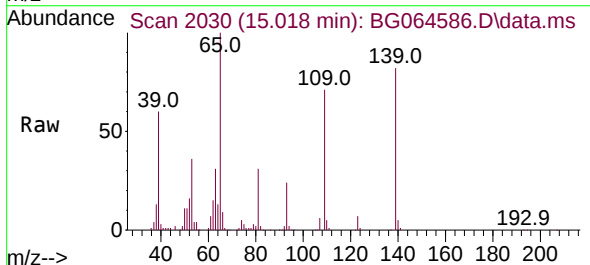
Manual Integrations
APPROVED

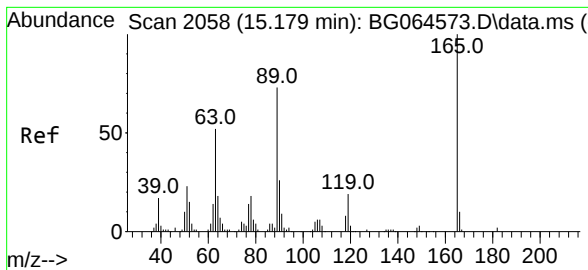
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#56
4-Nitrophenol
Concen: 82.092 ng
RT: 15.018 min Scan# 2030
Delta R.T. 0.009 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Tgt Ion:139 Resp: 130581
Ion Ratio Lower Upper
139 100
109 86.8 67.8 107.8
65 122.5 103.7 143.7





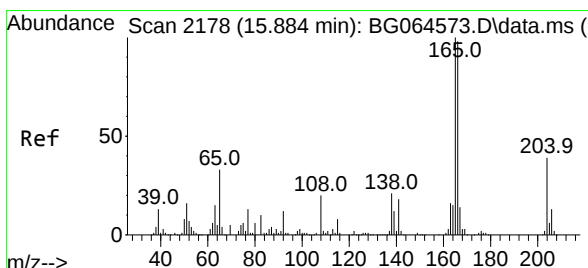
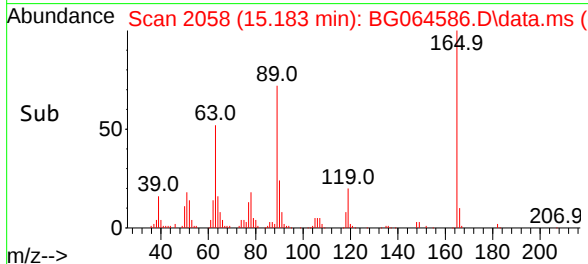
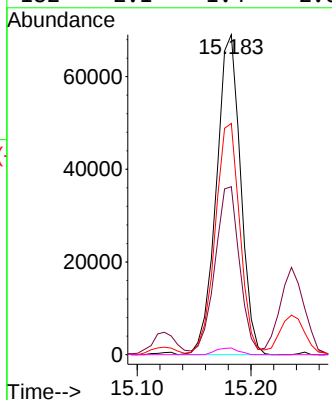
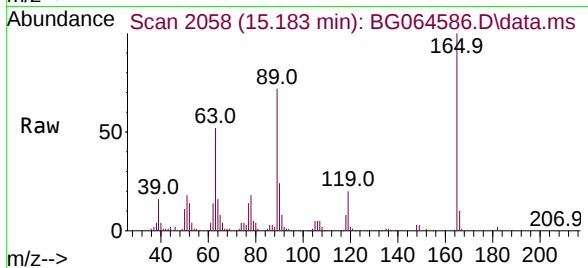
#57
2,4-Dinitrotoluene
Concen: 40.594 ng
RT: 15.183 min Scan# 2058
Delta R.T. 0.004 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Instrument :
BNA_G
ClientSampleId :
PB170222BSD

Tgt Ion:165 Resp: 102108
Ion Ratio Lower Upper
165 100
63 52.5 41.8 62.8
89 72.2 58.1 87.1
182 2.1 1.4 2.0#

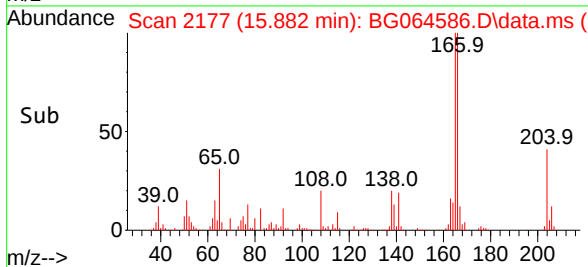
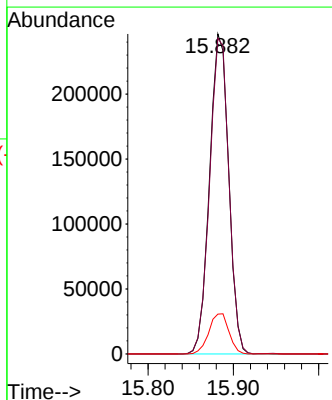
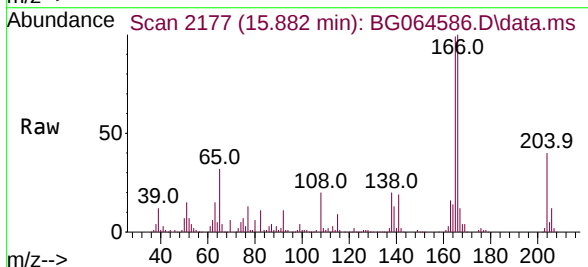
Manual Integrations
APPROVED

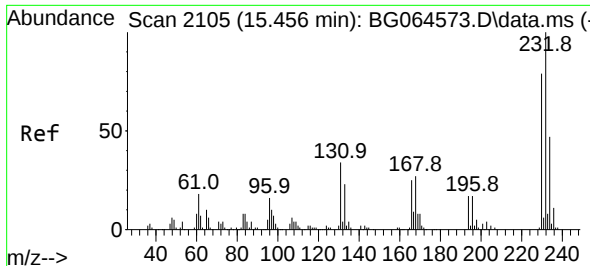
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#58
Fluorene
Concen: 40.202 ng
RT: 15.882 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

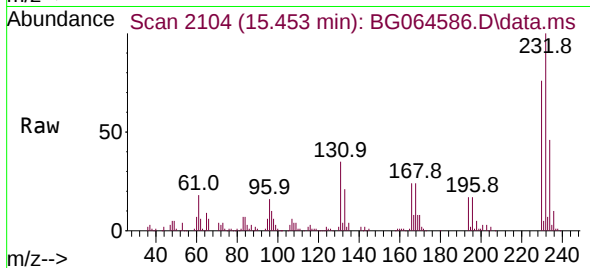
Tgt Ion:166 Resp: 382963
Ion Ratio Lower Upper
166 100
165 98.6 81.5 122.3
167 12.4 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.346 ng
RT: 15.453 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

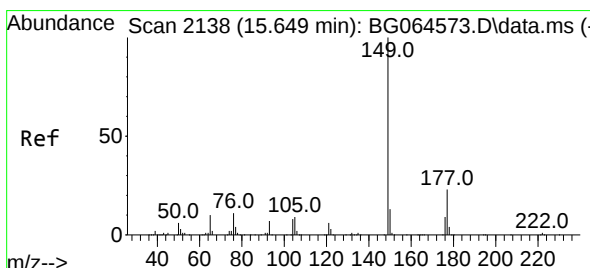
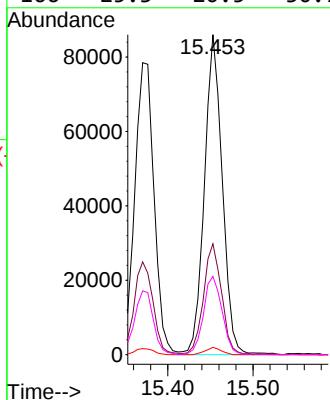
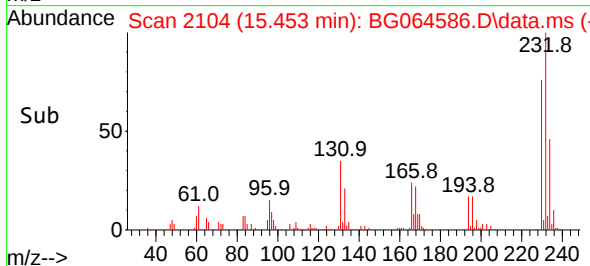
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



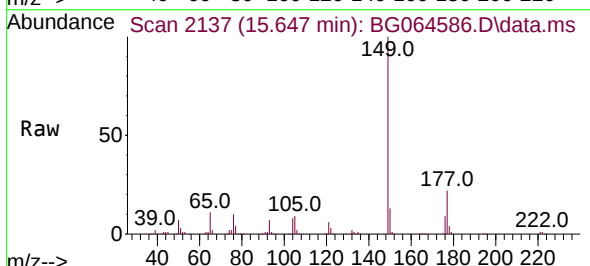
Tgt Ion:232 Resp: 125326
Ion Ratio Lower Upper
232 100
131 34.9 26.7 40.1
130 2.0 1.6 2.4
166 25.3 20.5 30.7

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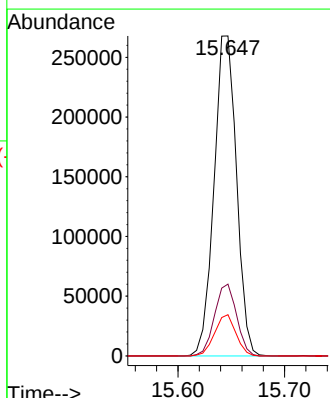
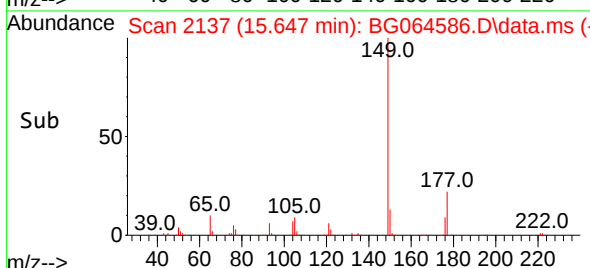
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

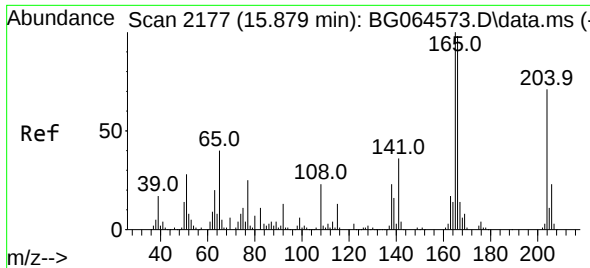


#60
Diethylphthalate
Concen: 38.527 ng
RT: 15.647 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



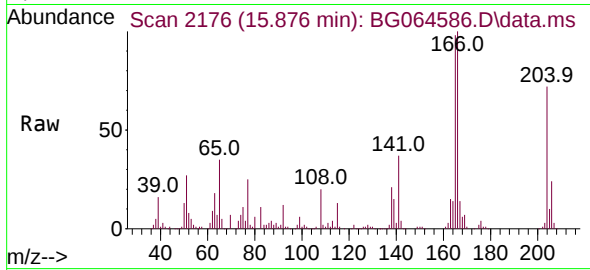
Tgt Ion:149 Resp: 392719
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.447 ng
RT: 15.876 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

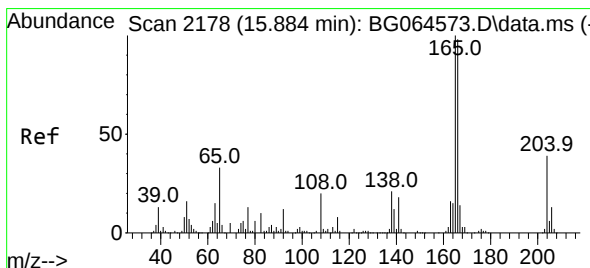
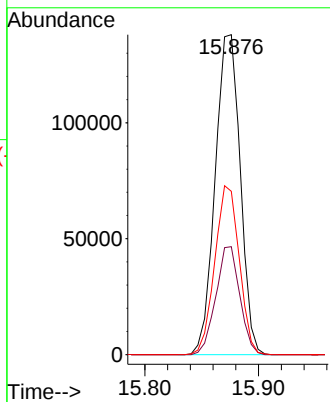
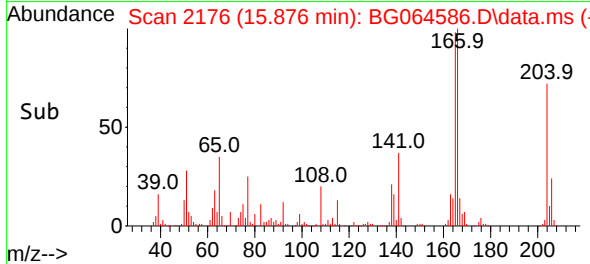
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion:204 Resp: 21088
Ion Ratio Lower Upper
204 100
206 33.7 25.6 38.4
141 51.0 40.6 60.8

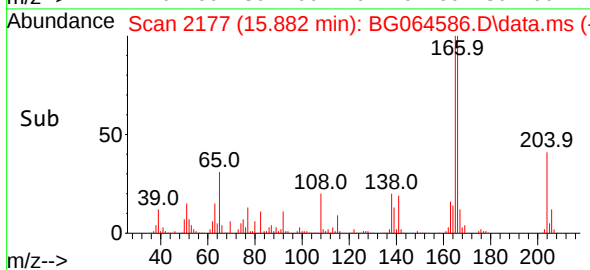
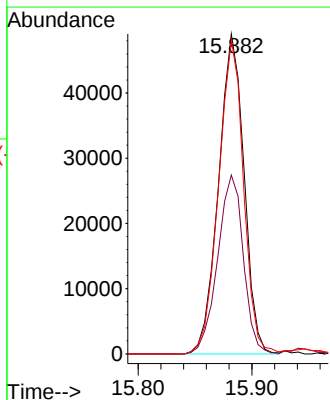
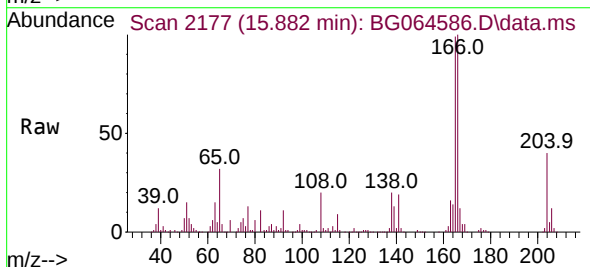
Manual Integrations
APPROVED

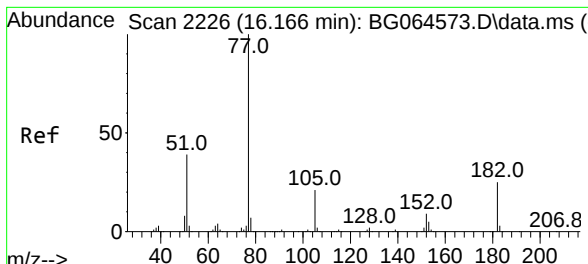
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#62
4-Nitroaniline
Concen: 39.945 ng
RT: 15.882 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Tgt Ion:138 Resp: 76243
Ion Ratio Lower Upper
138 100
92 55.9 36.1 76.1
108 98.1 75.6 115.6





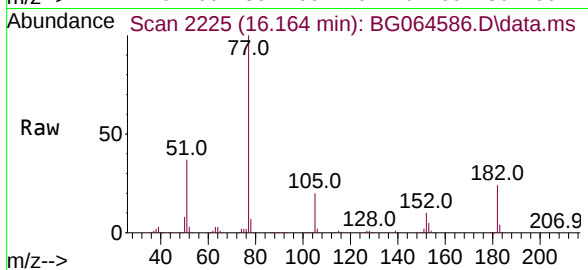
#63
 Azobenzene
 Concen: 39.873 ng
 RT: 16.164 min Scan# 2226
 Delta R.T. -0.003 min
 Lab File: BG064586.D
 Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

ClientSampleId :

PB170222BSD



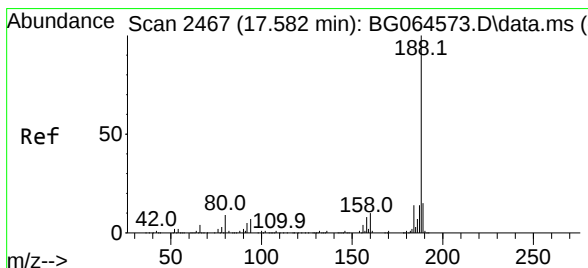
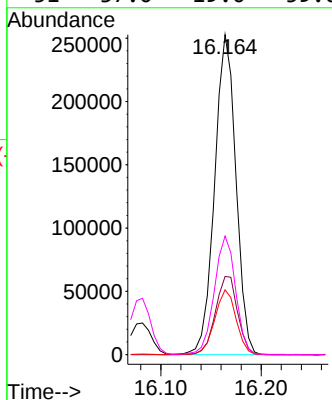
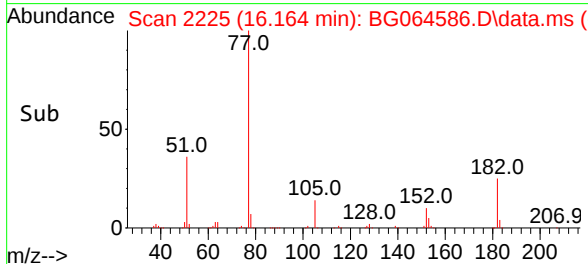
Tgt Ion: 77 Resp: 372928
 Ion Ratio Lower Upper
 77 100
 182 24.4 4.9 44.9
 105 20.2 1.3 41.3
 51 37.0 19.0 59.0

Manual Integrations

APPROVED

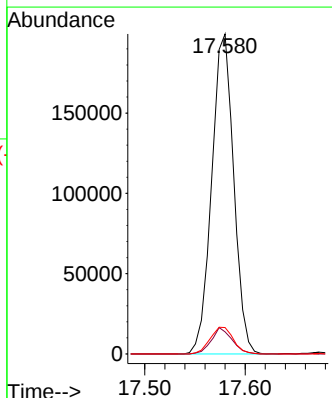
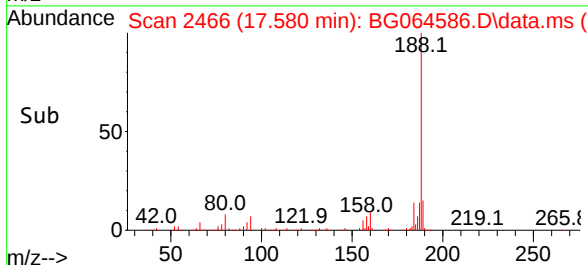
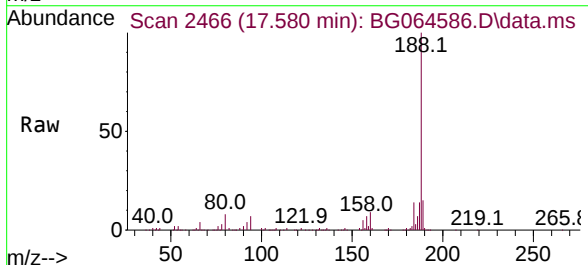
Reviewed By :Rahul Chavli 10/28/2025

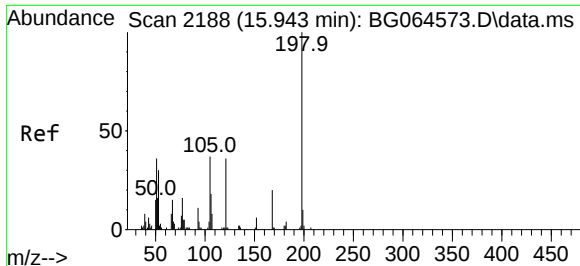
Supervised By :mohammad ahmed 11/05/2025



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.580 min Scan# 2466
 Delta R.T. -0.003 min
 Lab File: BG064586.D
 Acq: 27 Oct 2025 14:00

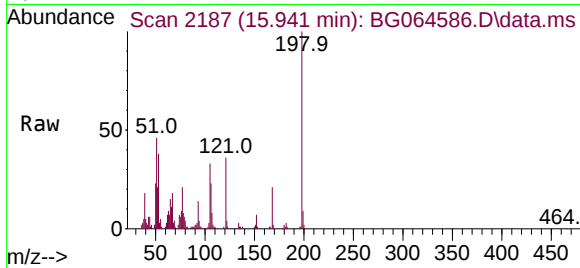
Tgt Ion:188 Resp: 304053
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.7 8.5
 80 8.2 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 40.813 ng
RT: 15.941 min Scan# 2188
Delta R.T. -0.002 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

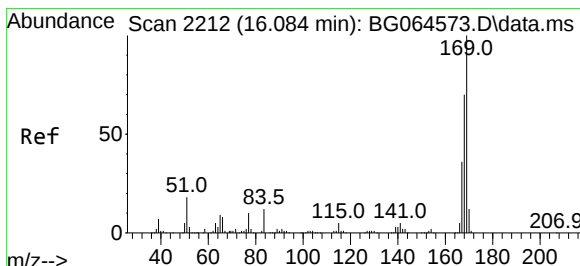
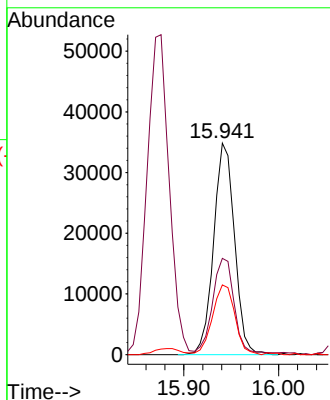
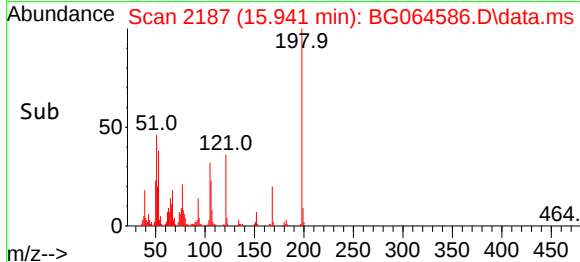
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



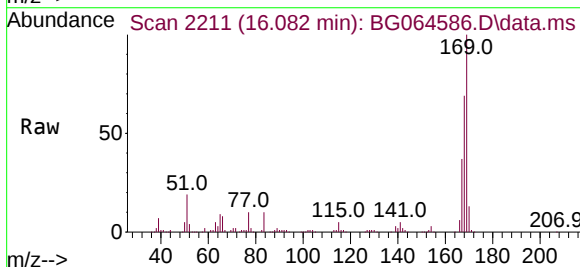
Tgt Ion:198 Resp: 53380
Ion Ratio Lower Upper
198 100
51 45.6 24.7 64.7
105 32.9 18.0 58.0

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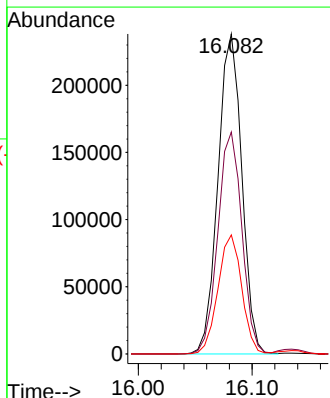
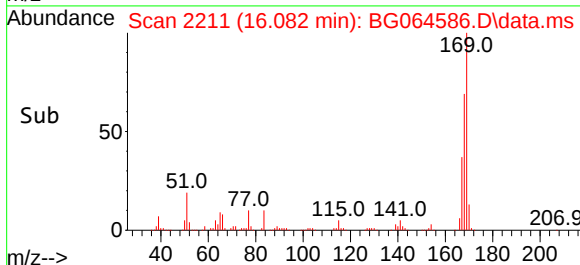
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

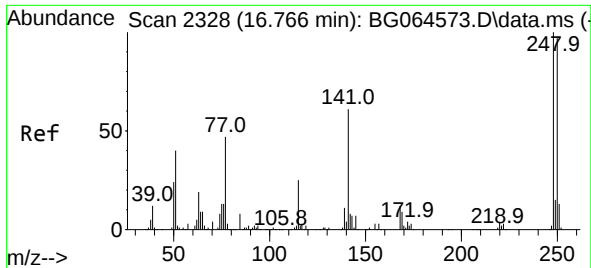


#66
n-Nitrosodiphenylamine
Concen: 42.268 ng
RT: 16.082 min Scan# 2211
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



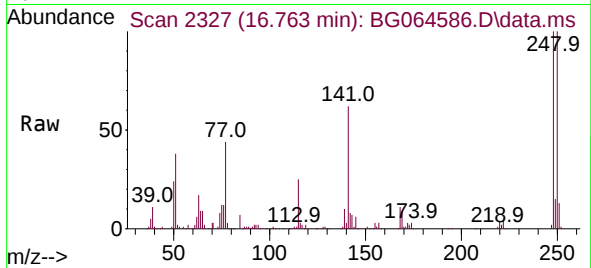
Tgt Ion:169 Resp: 347155
Ion Ratio Lower Upper
169 100
168 69.3 56.3 84.5
167 37.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.903 ng
RT: 16.763 min Scan# 2328
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

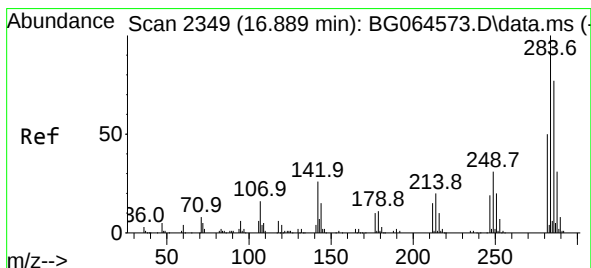
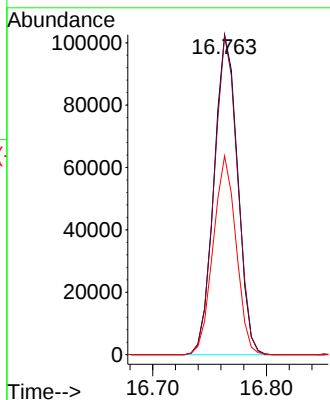
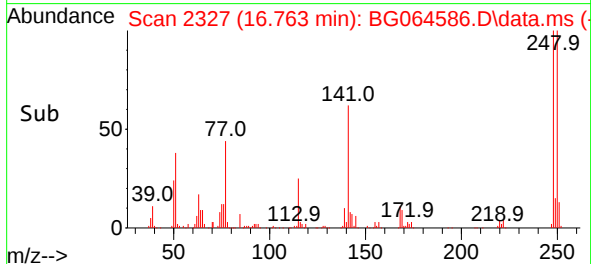
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



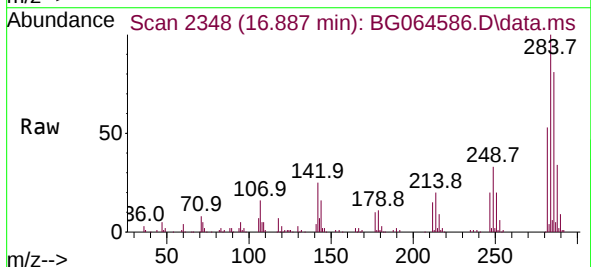
Tgt Ion:248 Resp: 147381
Ion Ratio Lower Upper
248 100
250 99.6 77.7 116.5
141 62.1 48.6 72.8

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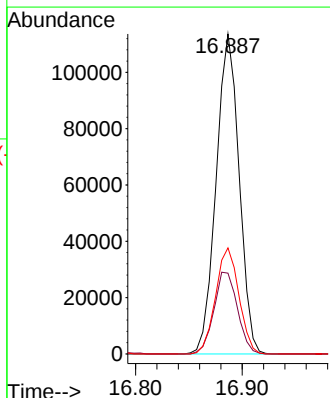
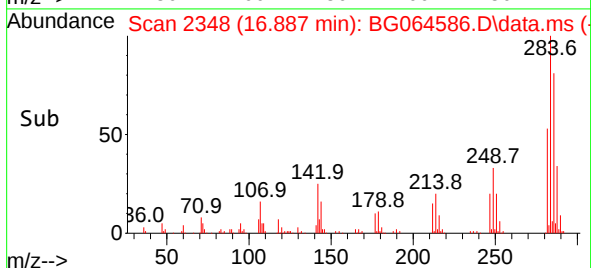
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

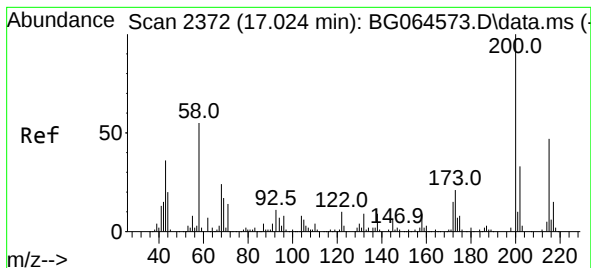


#68
Hexachlorobenzene
Concen: 41.342 ng
RT: 16.887 min Scan# 2348
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



Tgt Ion:284 Resp: 169942
Ion Ratio Lower Upper
284 100
142 25.2 21.0 31.6
249 35.5 24.9 37.3





#69

Atrazine

Concen: 39.839 ng

RT: 17.022 min Scan# 2372

Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

ClientSampleId :

PB170222BSD

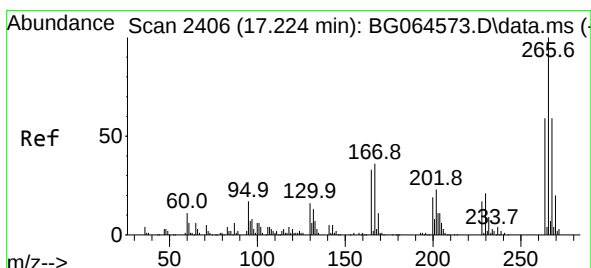
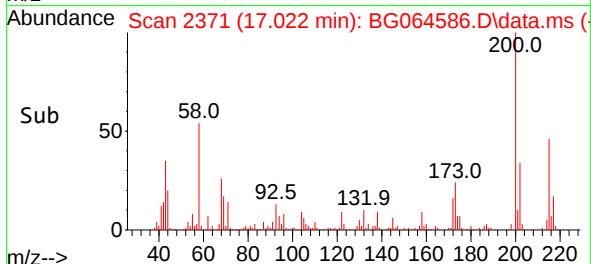
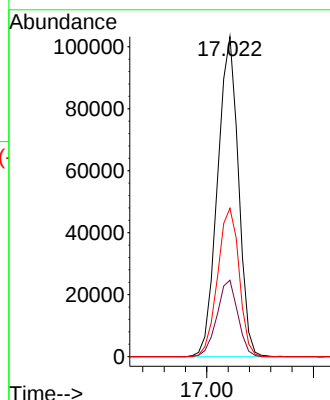
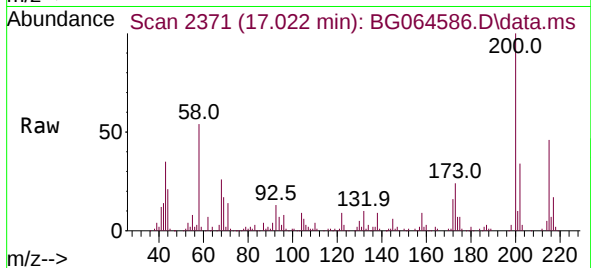
Tgt Ion:200 Resp: 140812
 Ion Ratio Lower Upper
 200 100
 173 23.9 0.9 40.9
 215 46.4 27.0 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#70

Pentachlorophenol

Concen: 86.519 ng

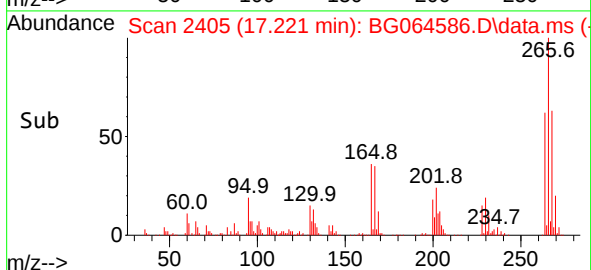
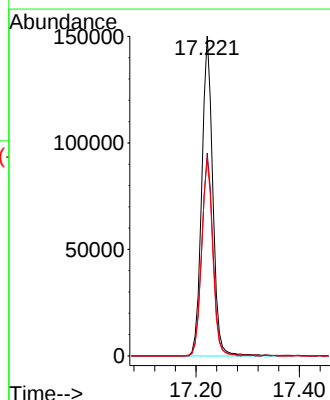
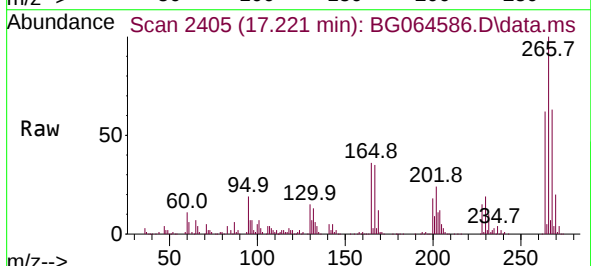
RT: 17.221 min Scan# 2405

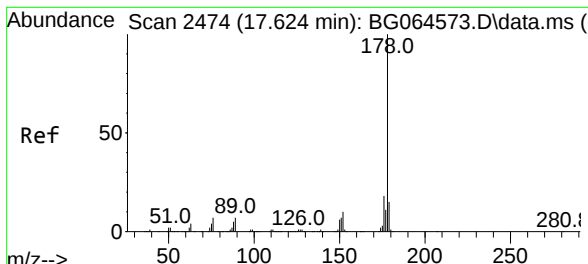
Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

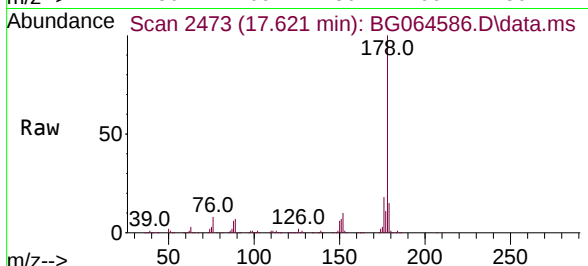
Tgt Ion:266 Resp: 221775
 Ion Ratio Lower Upper
 266 100
 268 66.9 50.3 75.5
 264 66.5 47.3 70.9





#71
Phenanthrene
Concen: 40.535 ng
RT: 17.621 min Scan# 2473
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

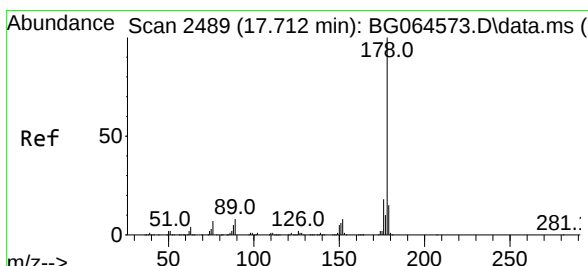
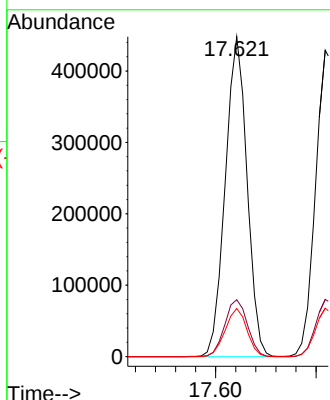
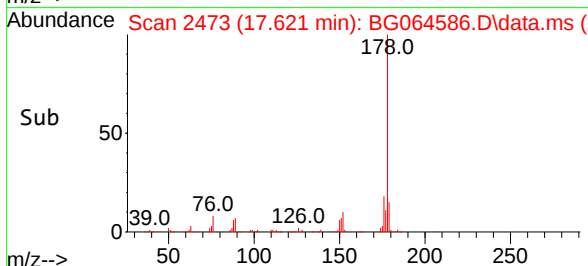
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



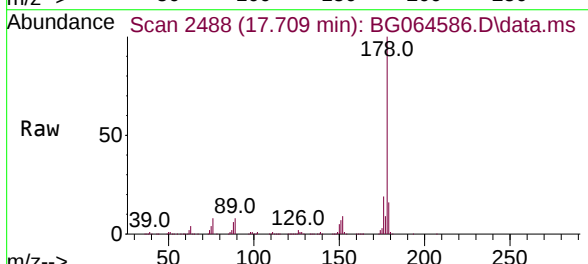
Tgt Ion:178 Resp: 673998
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 15.0 12.2 18.4

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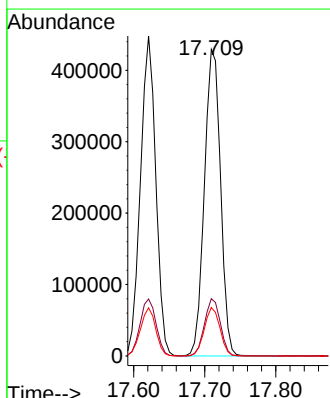
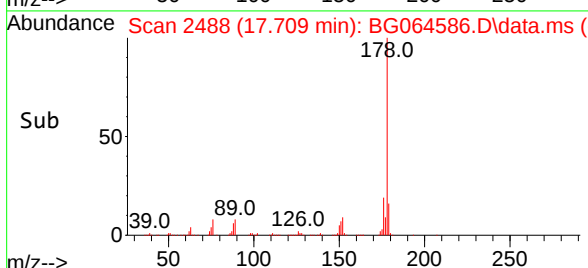
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

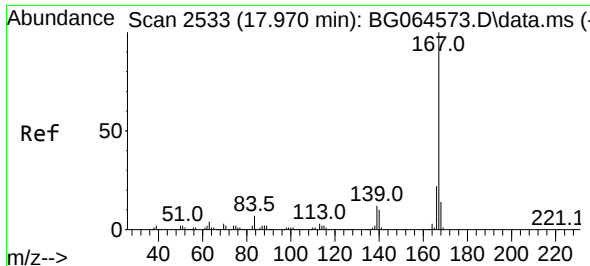


#72
Anthracene
Concen: 39.998 ng
RT: 17.709 min Scan# 2488
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



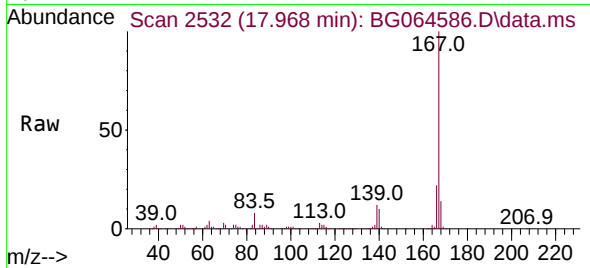
Tgt Ion:178 Resp: 676527
Ion Ratio Lower Upper
178 100
176 18.7 14.4 21.6
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 39.952 ng
 RT: 17.968 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064586.D
 Acq: 27 Oct 2025 14:00

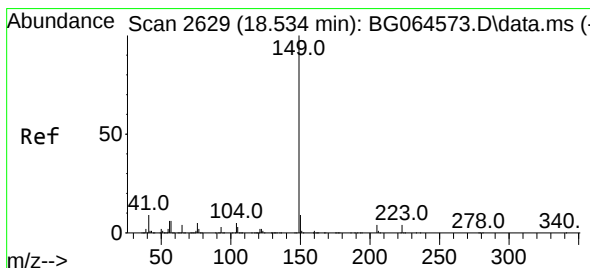
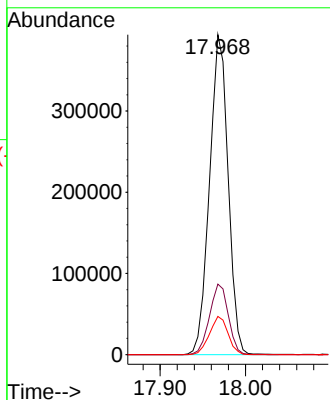
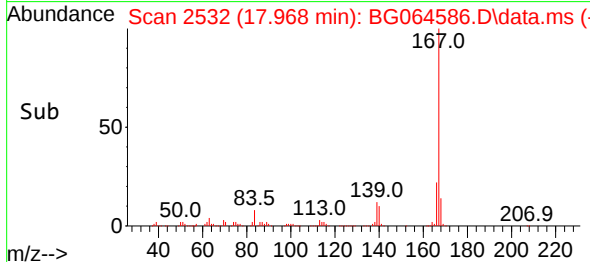
Instrument :
 BNA_G
 ClientSampleId :
 PB170222BSD



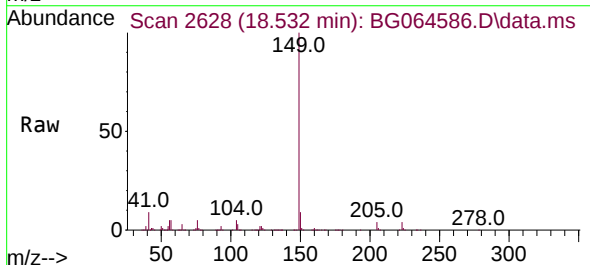
Tgt Ion:167 Resp: 595884
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 11.9 9.7 14.5

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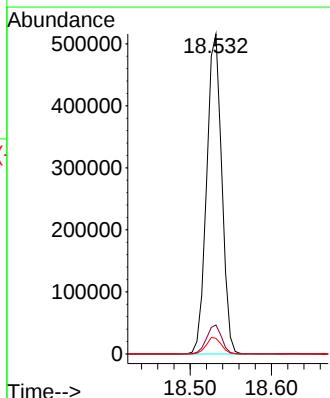
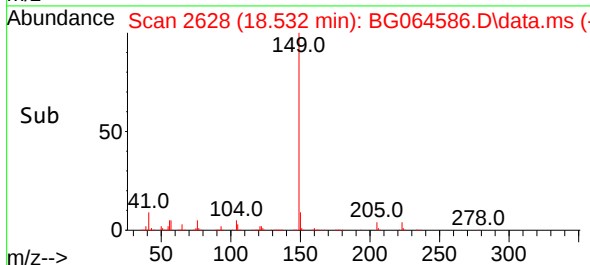
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025

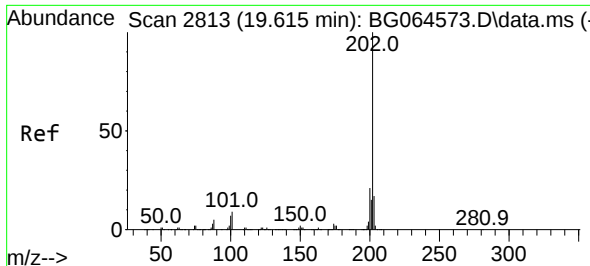


#74
 Di-n-butylphthalate
 Concen: 38.648 ng
 RT: 18.532 min Scan# 2628
 Delta R.T. -0.003 min
 Lab File: BG064586.D
 Acq: 27 Oct 2025 14:00



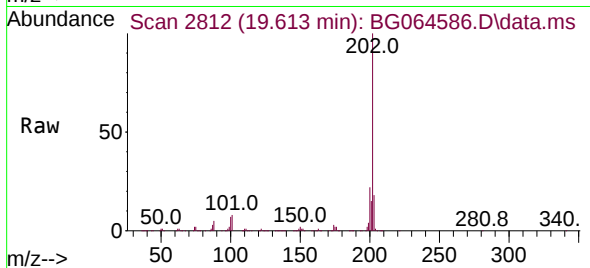
Tgt Ion:149 Resp: 666573
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.6
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 38.788 ng
RT: 19.613 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

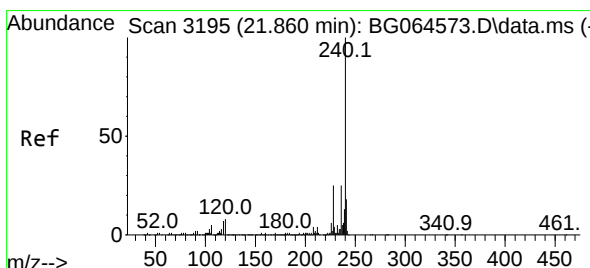
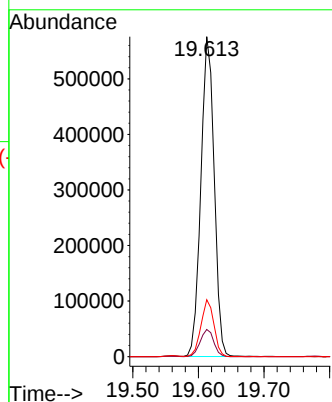
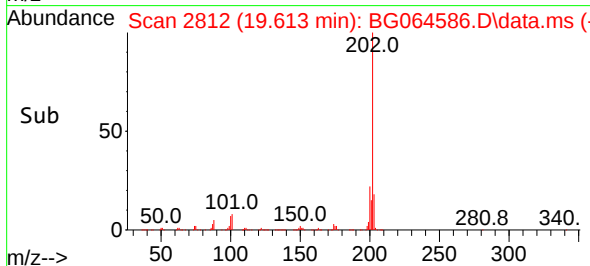
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion:202 Resp: 807948
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.7
203 17.8 0.0 37.0

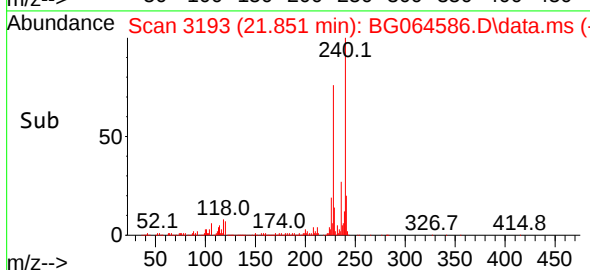
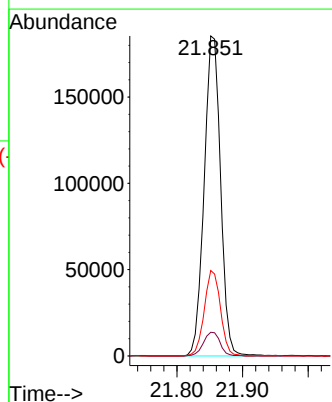
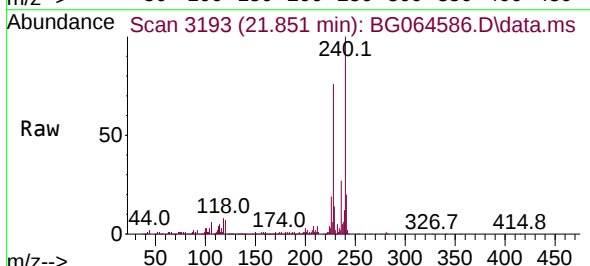
Manual Integrations
APPROVED

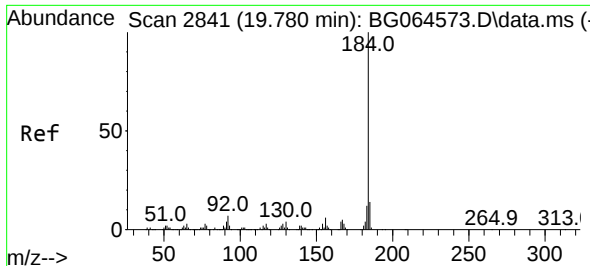
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.008 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

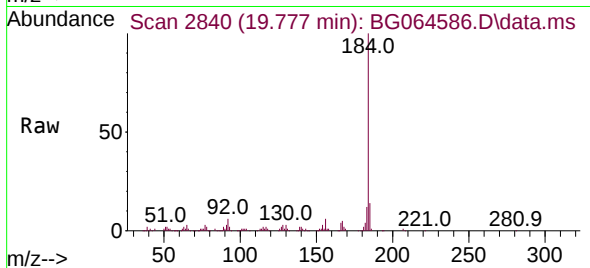
Tgt Ion:240 Resp: 320700
Ion Ratio Lower Upper
240 100
120 7.4 6.5 9.7
236 26.7 20.2 30.2





#77
Benzidine
Concen: 26.545 ng
RT: 19.777 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

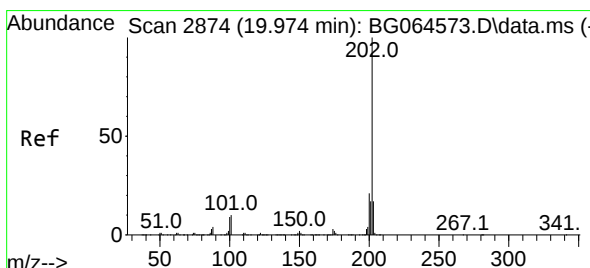
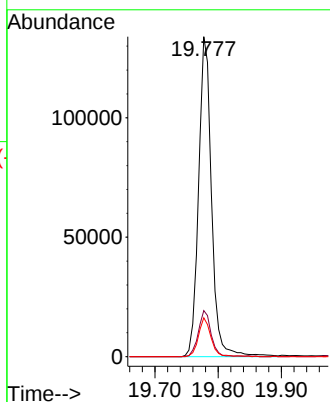
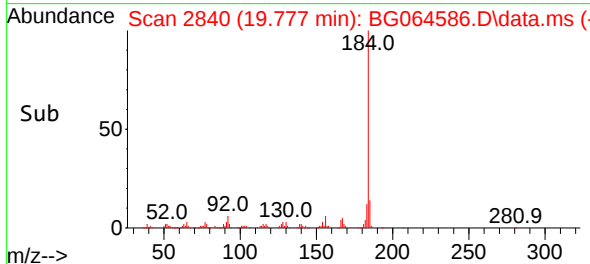
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



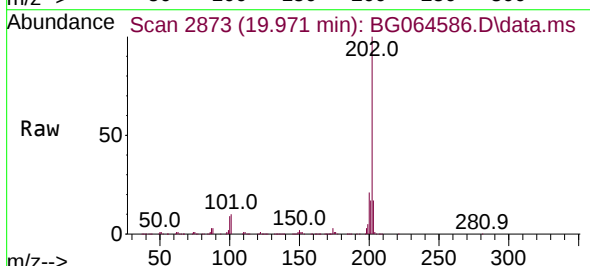
Tgt Ion:184 Resp: 190724
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 12.1 9.4 14.2

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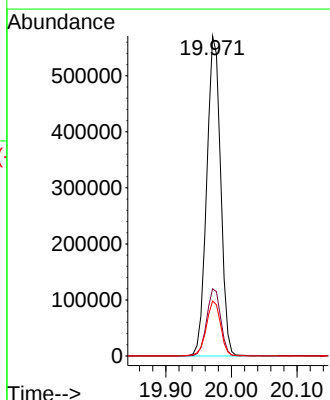
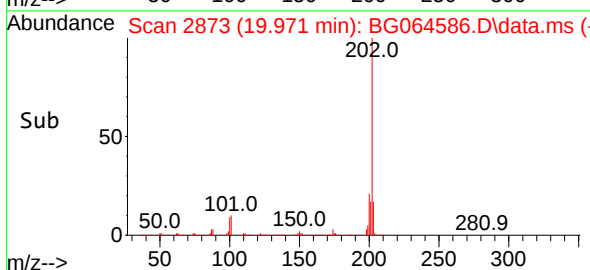
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

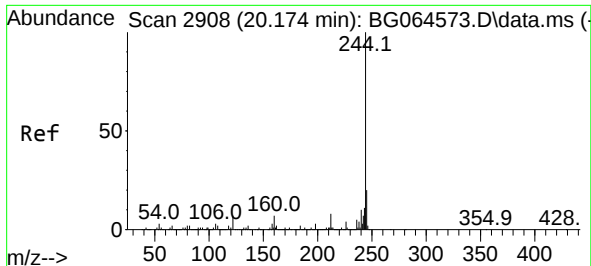


#78
Pyrene
Concen: 39.945 ng
RT: 19.971 min Scan# 2873
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



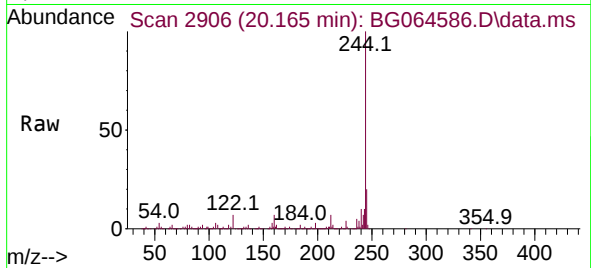
Tgt Ion:202 Resp: 836965
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.2 13.8 20.6





#79
 Terphenyl-d14
 Concen: 83.447 ng
 RT: 20.165 min Scan# 2908
 Delta R.T. -0.008 min
 Lab File: BG064586.D
 Acq: 27 Oct 2025 14:00

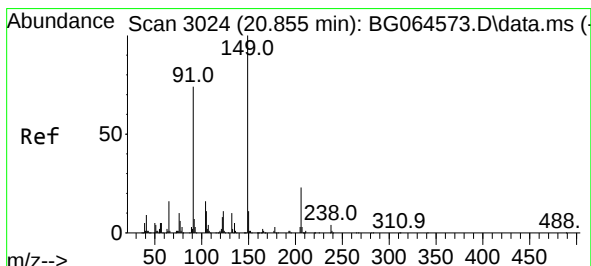
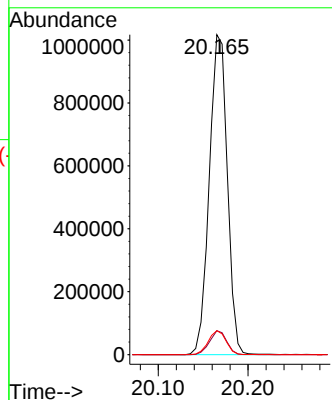
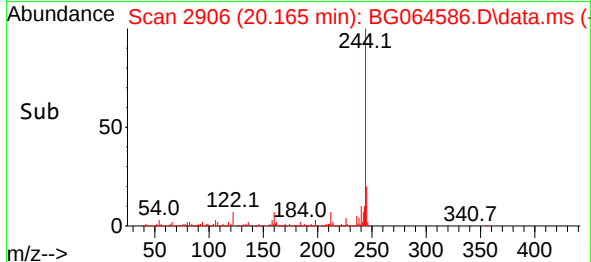
Instrument :
 BNA_G
 ClientSampleId :
 PB170222BSD



Tgt Ion:244 Resp: 1418084
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 7.5 5.6 8.4

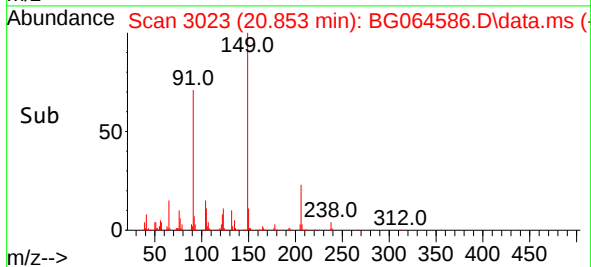
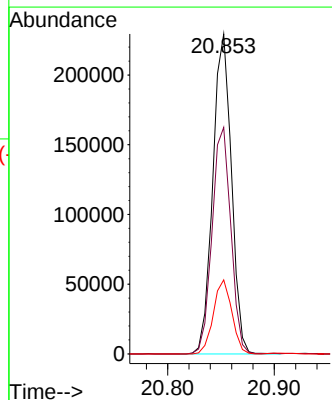
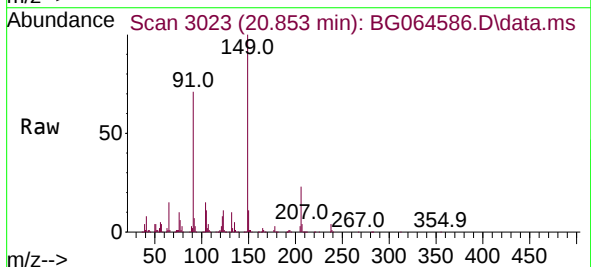
Manual Integrations
 APPROVED

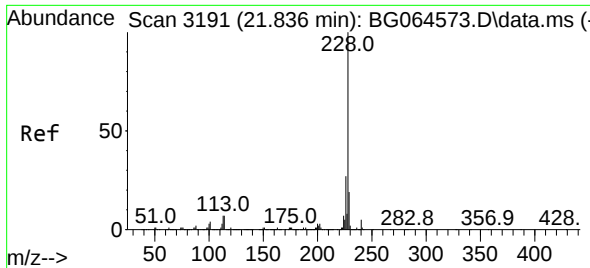
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 11/05/2025



#80
 Butylbenzylphthalate
 Concen: 44.040 ng
 RT: 20.853 min Scan# 3023
 Delta R.T. -0.003 min
 Lab File: BG064586.D
 Acq: 27 Oct 2025 14:00

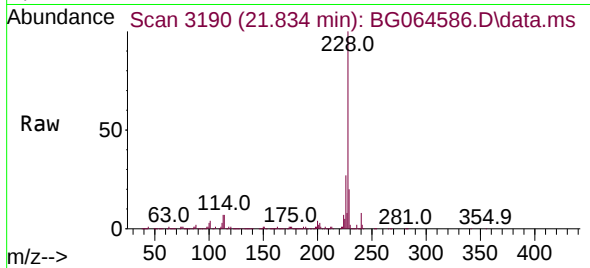
Tgt Ion:149 Resp: 278893
 Ion Ratio Lower Upper
 149 100
 91 70.8 59.2 88.8
 206 23.1 18.1 27.1





#81
Benzo(a)anthracene
Concen: 41.123 ng
RT: 21.834 min Scan# 3191
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

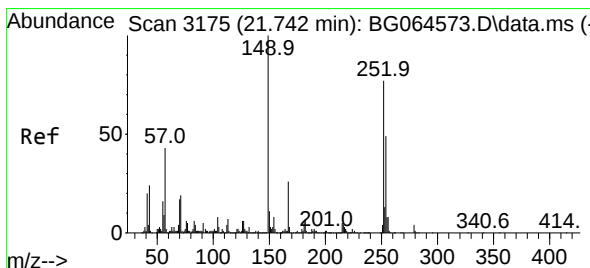
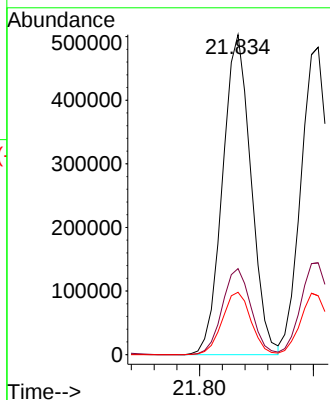
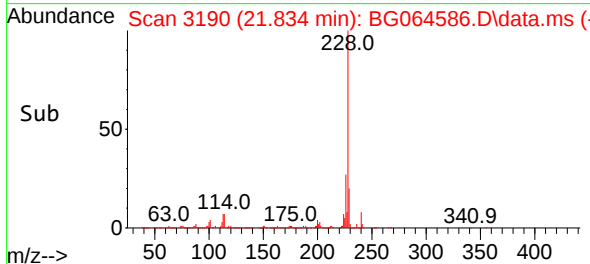
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



Tgt Ion:228 Resp: 874446
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.5 15.6 23.4

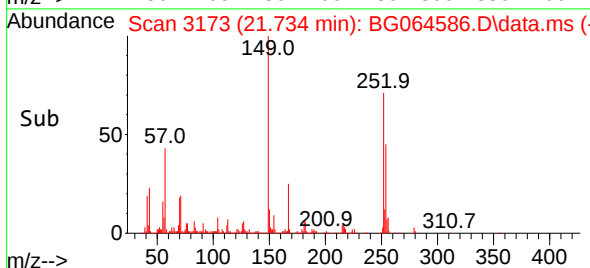
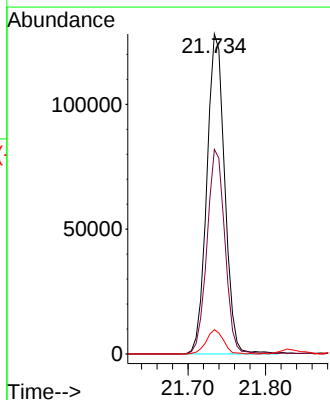
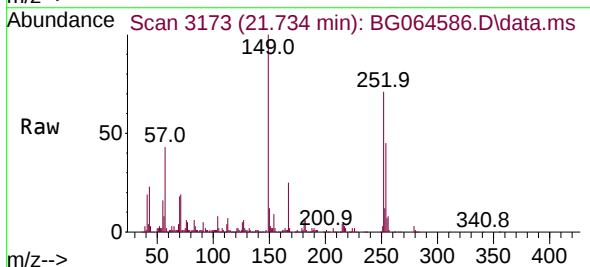
Manual Integrations
APPROVED

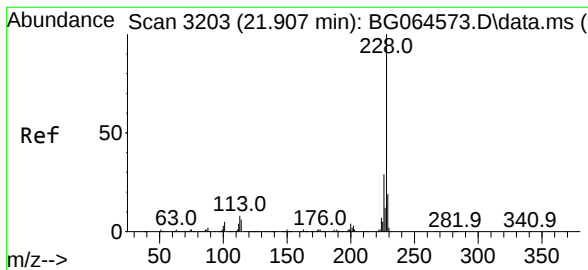
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025



#82
3,3'-Dichlorobenzidine
Concen: 28.885 ng
RT: 21.734 min Scan# 3173
Delta R.T. -0.008 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

Tgt Ion:252 Resp: 205104
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 7.6 5.8 8.6





#83

Chrysene

Concen: 40.422 ng

RT: 21.904 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

ClientSampleId :

PB170222BSD

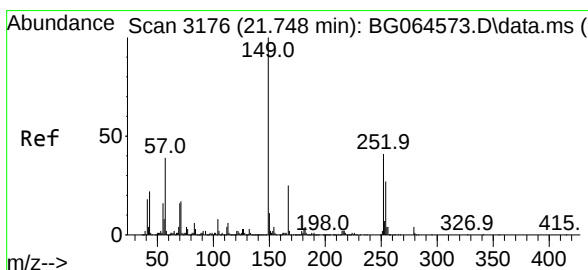
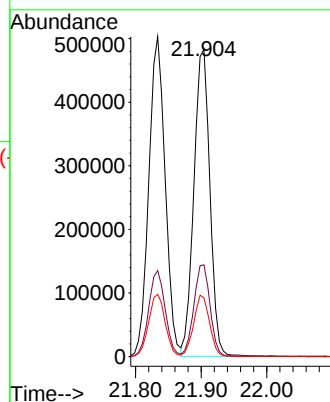
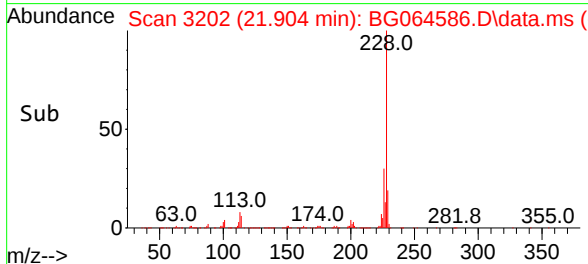
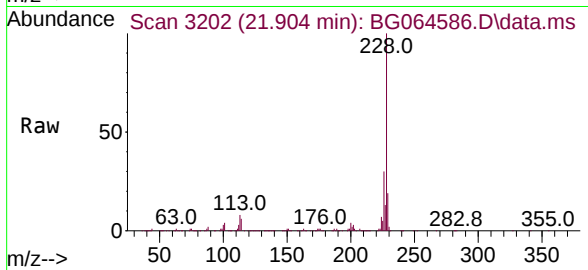
Tgt Ion:228	Resp: 817870
Ion Ratio	Lower Upper
228 100	
226 29.8	23.3 34.9
229 19.1	15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.877 ng

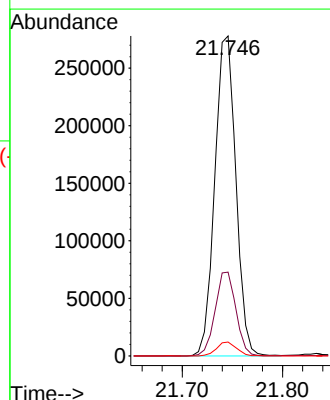
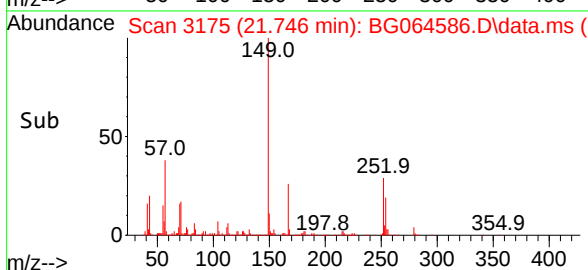
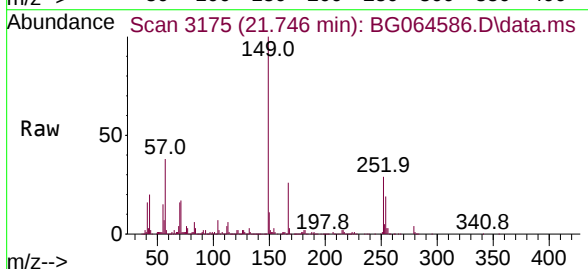
RT: 21.746 min Scan# 3175

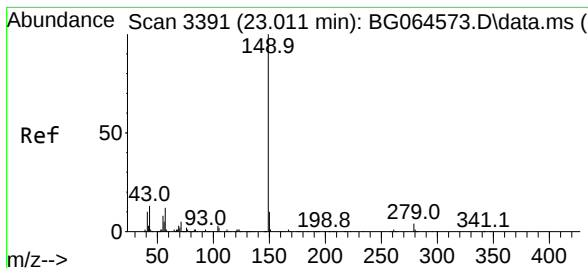
Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

Tgt Ion:149	Resp: 405733
Ion Ratio	Lower Upper
149 100	
167 26.2	20.0 30.0
279 4.4	3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.361 ng

RT: 23.009 min Scan# 3391

Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

ClientSampleId :

PB170222BSD

Tgt Ion:149 Resp: 67582

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

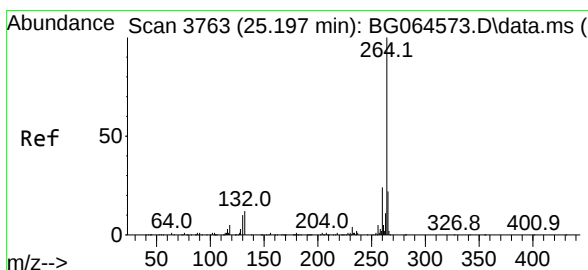
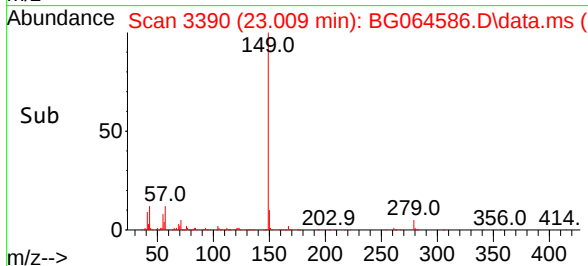
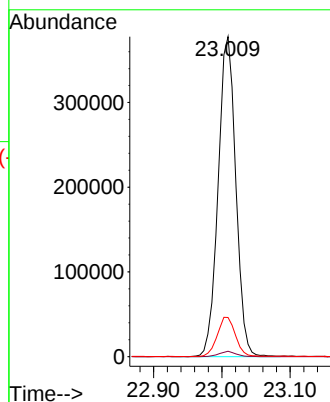
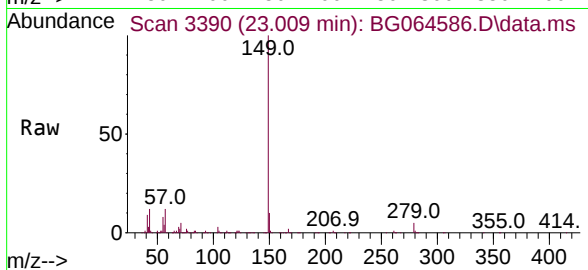
43 12.8 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.195 min Scan# 3762

Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

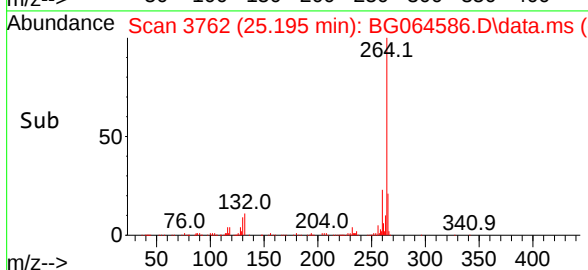
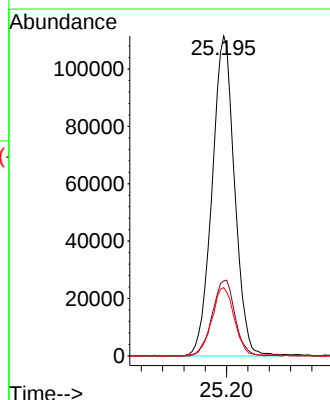
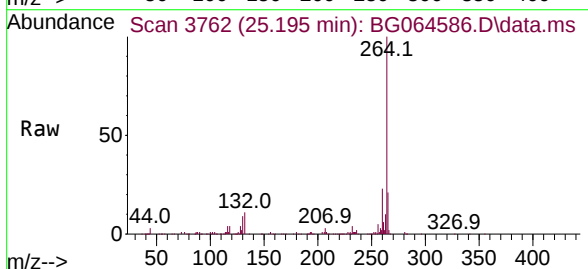
Tgt Ion:264 Resp: 326136

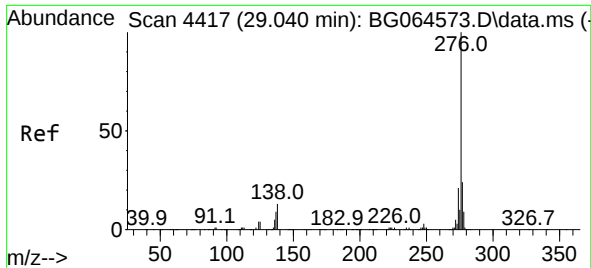
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

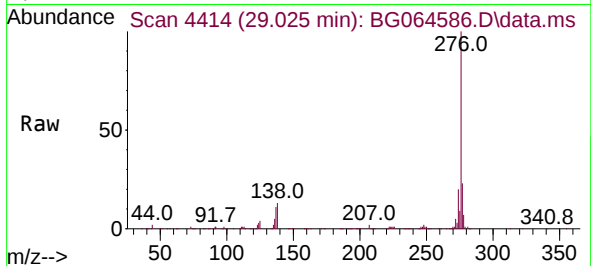
265 21.3 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.688 ng
RT: 29.025 min Scan# 4417
Delta R.T. -0.014 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

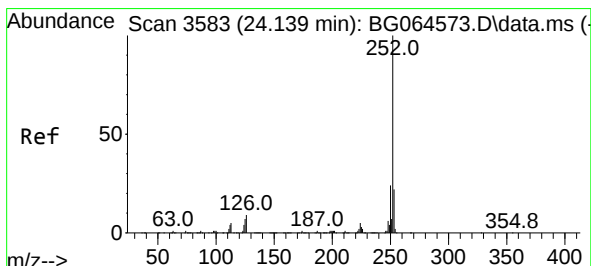
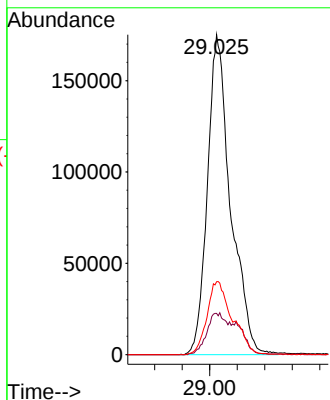
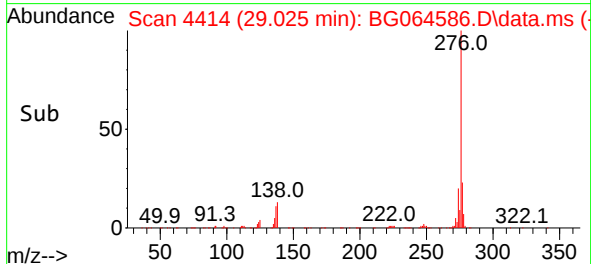
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



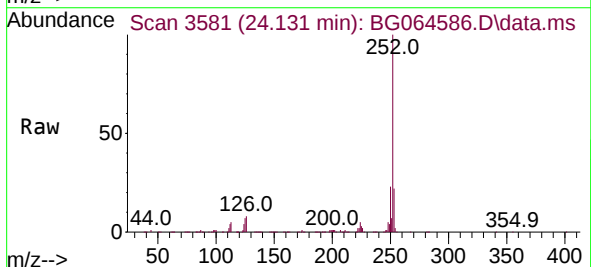
Tgt Ion:276 Resp: 1024158
Ion Ratio Lower Upper
276 100
138 11.8 10.8 16.2
277 25.1 20.1 30.1

Manual Integrations
APPROVED

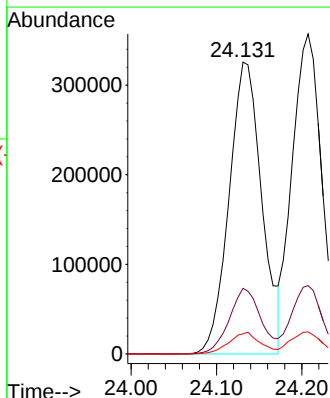
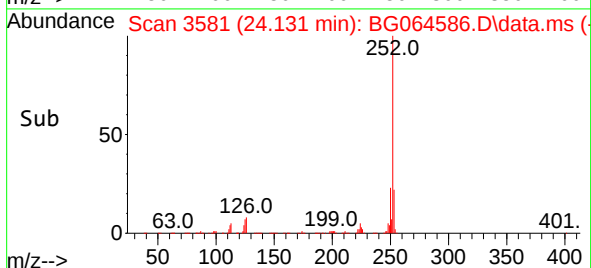
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

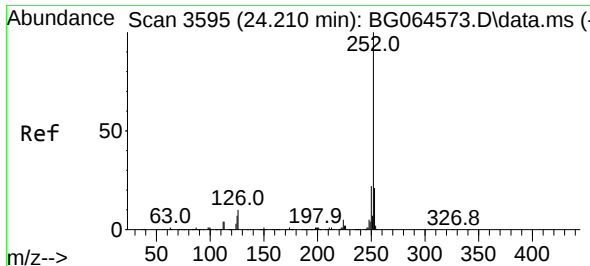


#88
Benzo(b)fluoranthene
Concen: 43.456 ng
RT: 24.131 min Scan# 3581
Delta R.T. -0.008 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



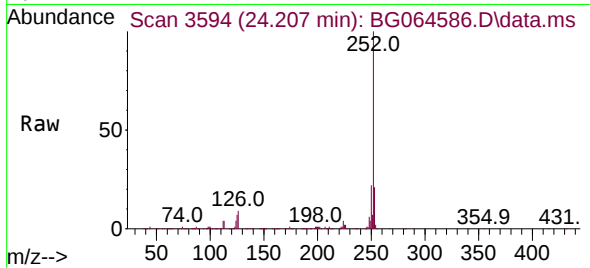
Tgt Ion:252 Resp: 869051
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 6.9 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 43.107 ng
RT: 24.207 min Scan# 3594
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00

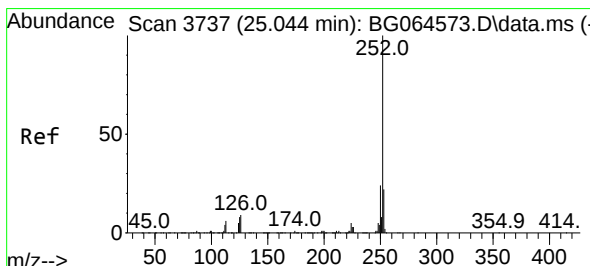
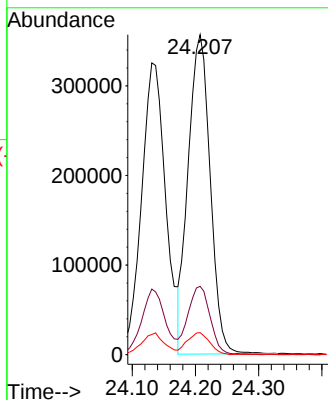
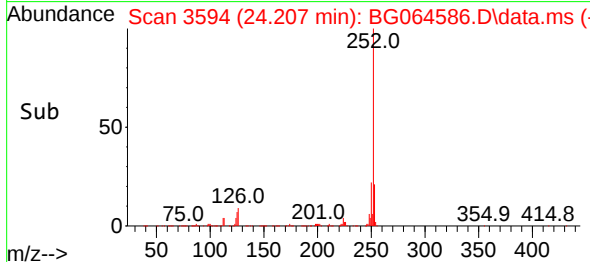
Instrument :
BNA_G
ClientSampleId :
PB170222BSD



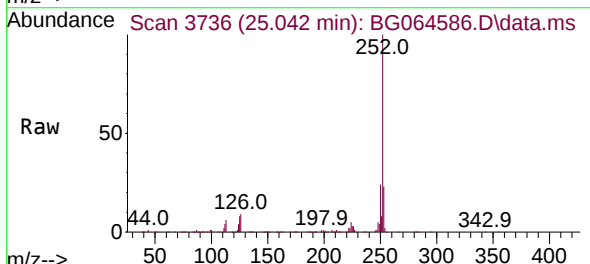
Tgt Ion:252 Resp: 862673
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 6.9 5.4 8.0

Manual Integrations
APPROVED

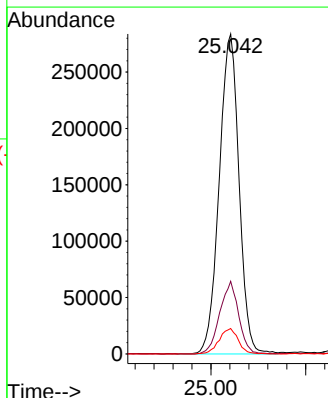
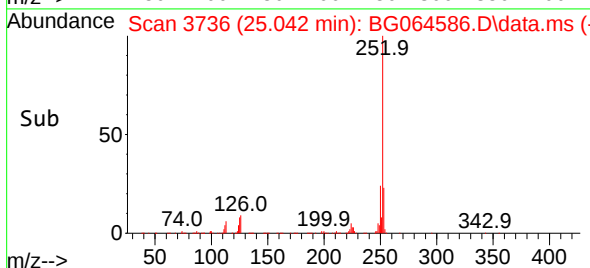
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

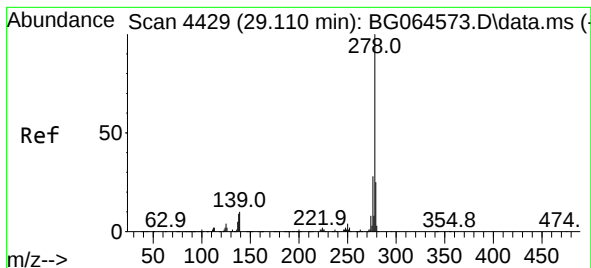


#90
Benzo(a)pyrene
Concen: 44.768 ng
RT: 25.042 min Scan# 3736
Delta R.T. -0.003 min
Lab File: BG064586.D
Acq: 27 Oct 2025 14:00



Tgt Ion:252 Resp: 822967
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 8.0 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 43.557 ng

RT: 29.108 min Scan# 44

Delta R.T. -0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

Instrument :

BNA_G

ClientSampleId :

PB170222BSD

Tgt Ion:278 Resp: 848995

Ion Ratio Lower Upper

278 100

139 9.9 8.0 12.0

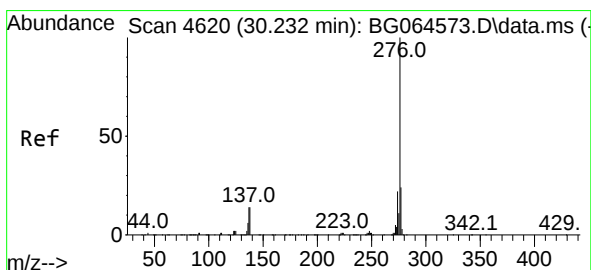
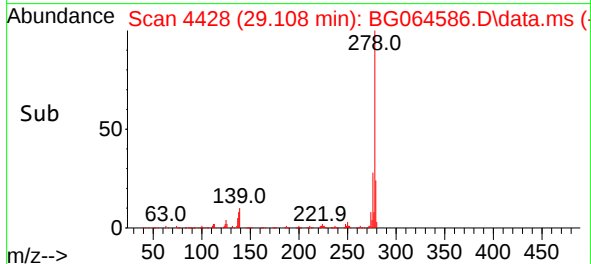
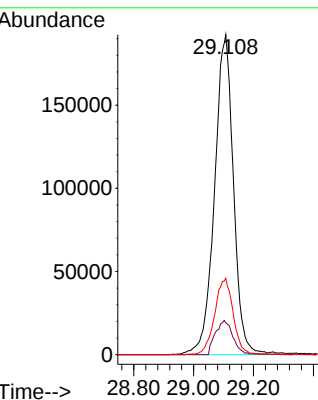
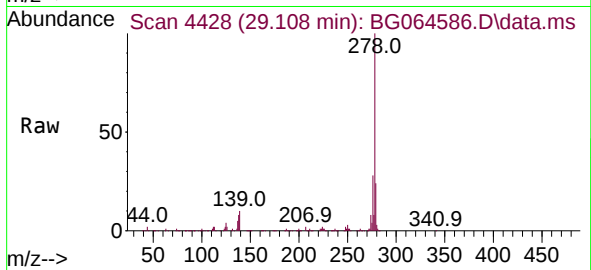
279 23.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 11/05/2025



#92

Benzo(g,h,i)perylene

Concen: 43.990 ng

RT: 30.236 min Scan# 4620

Delta R.T. 0.003 min

Lab File: BG064586.D

Acq: 27 Oct 2025 14:00

Tgt Ion:276 Resp: 819075

Ion Ratio Lower Upper

276 100

277 21.8 19.1 28.7

138 14.4 11.3 16.9

