

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064938.D
 Acq On : 11 Dec 2025 17:35
 Operator : RC/JU
 Sample : Q3814-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD

Quant Time: Dec 11 18:11:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.154	152	19371	20.000	ng	-0.01
21) Naphthalene-d8	10.968	136	72304	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	65366	20.000	ng	-0.01
64) Phenanthrene-d10	17.496	188	171791	20.000	ng	# 0.00
76) Chrysene-d12	21.750	240	209105	20.000	ng	# 0.00
86) Perylene-d12	25.005	264	236765	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	125048	112.726	ng	0.00
7) Phenol-d6	7.302	99	156603	106.140	ng	0.00
23) Nitrobenzene-d5	9.317	82	118143	80.788	ng	-0.01
42) 2,4,6-Tribromophenol	16.245	330	220503	172.965	ng	0.00
45) 2-Fluorobiphenyl	13.395	172	396241	84.584	ng	-0.01
79) Terphenyl-d14	20.081	244	1053146	99.072	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.524	88	11320	26.359	ng	# 70
3) Pyridine	3.941	79	28396	22.192	ng	89
4) n-Nitrosodimethylamine	3.836	42	24859	38.170	ng	89
6) Aniline	7.467	93	19494	9.912	ng	95
8) 2-Chlorophenol	7.713	128	51401	42.199	ng	94
9) Benzaldehyde	7.279	77	16007	16.574	ng	93
10) Phenol	7.332	94	59546	37.093	ng	93
11) bis(2-Chloroethyl)ether	7.561	93	37260	32.617	ng	92
12) 1,3-Dichlorobenzene	8.043	146	45057	32.147	ng	94
13) 1,4-Dichlorobenzene	8.189	146	47365	33.188	ng	96
14) 1,2-Dichlorobenzene	8.513	146	48514	35.058	ng	96
15) Benzyl Alcohol	8.389	79	50244	41.487	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.665	45	74390	27.512	ng	96
17) 2-Methylphenol	8.595	107	45872	40.385	ng	94
18) Hexachloroethane	9.247	117	16692	30.880	ng	86
19) n-Nitroso-di-n-propyla...	8.953	70	36778	36.866	ng	98
20) 3+4-Methylphenols	8.918	107	62320	40.049	ng	90
22) Acetophenone	8.977	105	82324	41.791	ng	# 98
24) Nitrobenzene	9.359	77	58716	39.737	ng	99
25) Isophorone	9.882	82	112053	40.237	ng	96
26) 2-Nitrophenol	10.075	139	31442	47.308	ng	96
27) 2,4-Dimethylphenol	10.128	122	54290	45.980	ng	98
28) bis(2-Chloroethoxy)met...	10.363	93	58615	38.339	ng	98
29) 2,4-Dichlorophenol	10.610	162	65849	51.945	ng	92
30) 1,2,4-Trichlorobenzene	10.833	180	70941	46.344	ng	99
31) Naphthalene	11.021	128	163461	39.881	ng	99
32) Benzoic acid	10.246	122	28131m	35.503	ng	
33) 4-Chloroaniline	11.127	127	3934	2.399	ng	# 91
34) Hexachlorobutadiene	11.309	225	59758	45.499	ng	95
35) Caprolactam	11.885	113	16074m	42.394	ng	
36) 4-Chloro-3-methylphenol	12.232	107	71124	50.408	ng	97
37) 2-Methylnaphthalene	12.614	142	124000	40.427	ng	98
38) 1-Methylnaphthalene	12.831	142	129585	42.531	ng	98
40) 1,2,4,5-Tetrachloroben...	12.978	216	119517	46.983	ng	98
41) Hexachlorocyclopentadiene	12.960	237	152230	83.488	ng	97
43) 2,4,6-Trichlorophenol	13.207	196	77868	52.155	ng	99

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 Upadhyay

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.283	196	90410	53.991	ng	97	12/12/2025
46) 1,1'-Biphenyl	13.607	154	205685	43.811	ng	98	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.654	162	159492	43.121	ng	99	
48) 2-Nitroaniline	13.842	65	51323	43.141	ng	97	
49) Acenaphthylene	14.494	152	285010	45.104	ng	98	
50) Dimethylphthalate	14.212	163	247598	47.952	ng	99	
51) 2,6-Dinitrotoluene	14.329	165	51904	52.239	ng	96	12/12/2025
52) Acenaphthene	14.829	154	190622	50.313	ng	97	
53) 3-Nitroaniline	14.658	138	6328	6.453	ng	80	
54) 2,4-Dinitrophenol	14.864	184	51985	76.769	ng	92	
55) Dibenzofuran	15.164	168	295085	47.111	ng	98	
56) 4-Nitrophenol	14.964	139	69661	89.533	ng	# 83	
57) 2,4-Dinitrotoluene	15.111	165	75686	50.811	ng	99	
58) Fluorene	15.804	166	234305	47.695	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.381	232	100733	60.970	ng	94	
60) Diethylphthalate	15.563	149	238151	48.146	ng	99	
61) 4-Chlorophenyl-phenylether	15.792	204	153940	52.214	ng	96	
62) 4-Nitroaniline	15.810	138	42458	41.793	ng	92	
63) Azobenzene	16.086	77	167856	40.799	ng	88	
65) 4,6-Dinitro-2-methylph...	15.874	198	47141	49.423	ng	87	
66) n-Nitrosodiphenylamine	16.004	169	214876	47.753	ng	98	
67) 4-Bromophenyl-phenylether	16.685	248	122330	54.224	ng	96	
68) Hexachlorobenzene	16.809	284	148334	54.270	ng	# 91	
69) Atrazine	16.944	200	92361	42.573	ng	98	
70) Pentachlorophenol	17.149	266	160875	97.967	ng	97	
71) Phenanthrene	17.537	178	437819	46.580	ng	99	
72) Anthracene	17.631	178	444938	46.424	ng	99	
73) Carbazole	17.890	167	366909	44.532	ng	99	
74) Di-n-butylphthalate	18.436	149	415672	45.221	ng	98	
75) Fluoranthene	19.535	202	565393	43.989	ng	98	
77) Benzidine	19.717	184	59220m	9.456	ng		
78) Pyrene	19.893	202	583394	49.780	ng	98	
80) Butylbenzylphthalate	20.757	149	182831	44.353	ng	94	
81) Benzo(a)anthracene	21.726	228	665418	46.800	ng	98	
82) 3,3'-Dichlorobenzidine	21.632	252	68294	13.050	ng	98	
83) Chrysene	21.797	228	638250	47.614	ng	98	
84) Bis(2-ethylhexyl)phtha...	21.621	149	257305	42.716	ng	# 99	
85) Di-n-octyl phthalate	22.843	149	430871	41.381	ng	99	
87) Indeno(1,2,3-cd)pyrene	28.736	276	842557	51.797	ng	# 98	
88) Benzo(b)fluoranthene	23.971	252	703217	46.672	ng	# 98	
89) Benzo(k)fluoranthene	24.036	252	679467	44.886	ng	# 98	
90) Benzo(a)pyrene	24.852	252	648908	46.427	ng	# 98	
91) Dibenzo(a,h)anthracene	28.795	278	721591	54.150	ng	# 96	
92) Benzo(g,h,i)perylene	29.905	276	694419	54.146	ng	# 96	

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

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Manual Integrations

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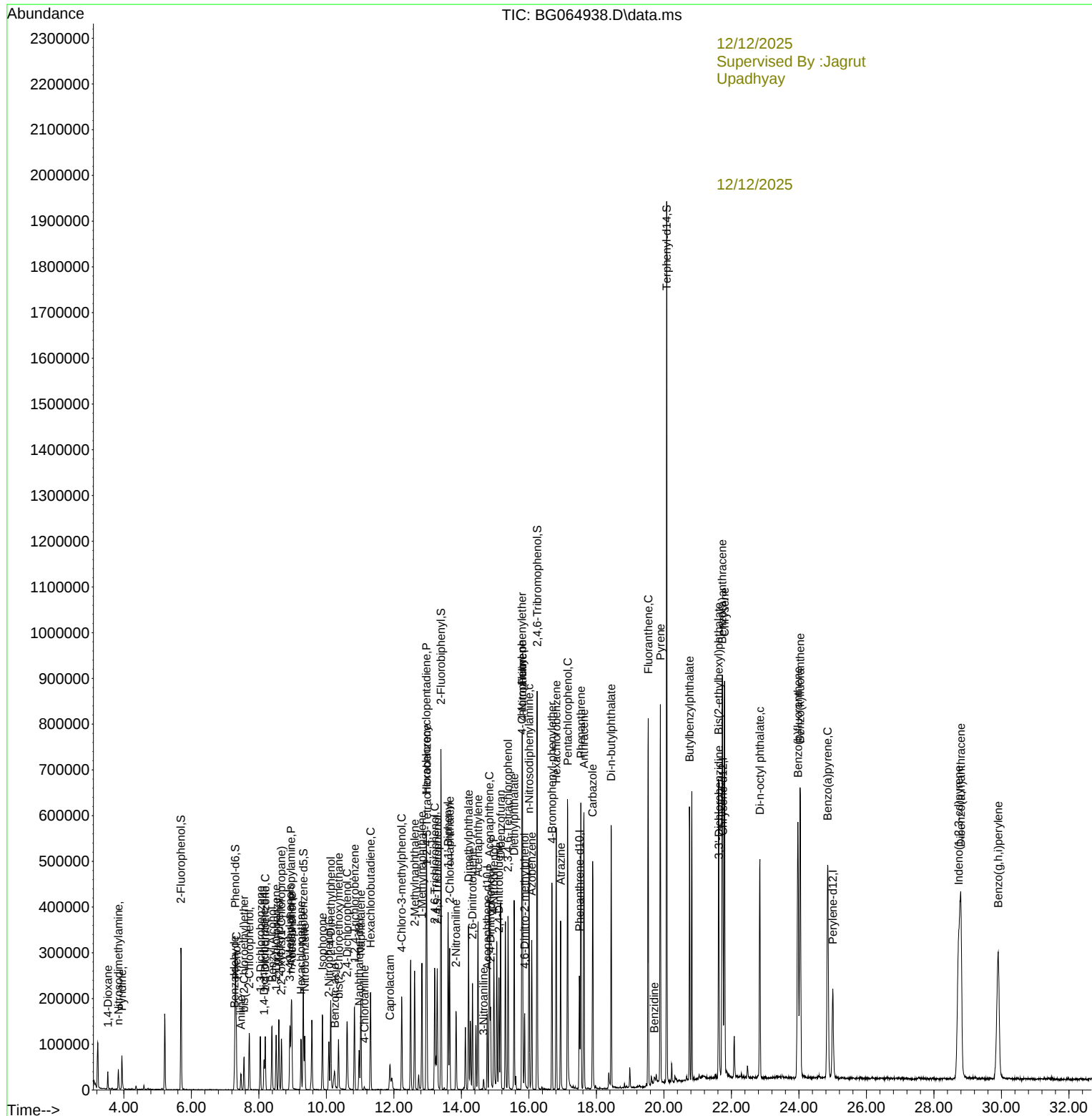
Quant Time: Dec 11 18:11:28 2025

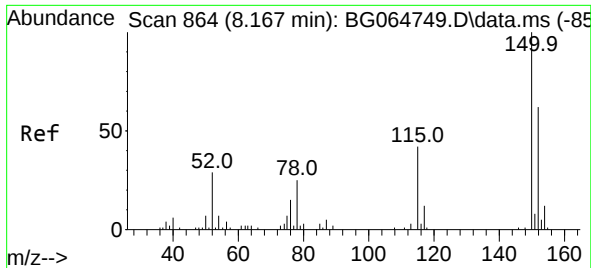
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

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QLast Update : Wed Nov 12 17:10:56 2025

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.154 min Scan# 80
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

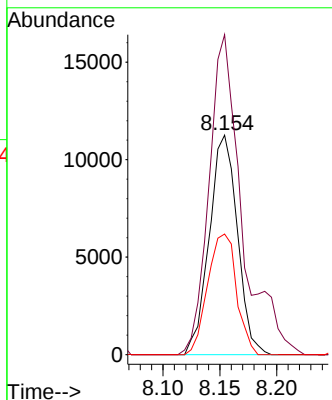
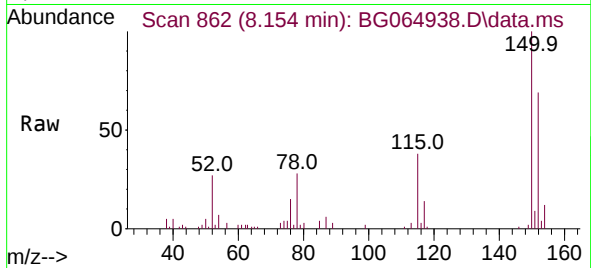
ClientSampleId :

TP-5MSD

Tgt Ion:152 Resp: 1937
Ion Ratio Lower Upper
152 100
150 145.9 129.2 193.8
115 54.9 53.7 80.5

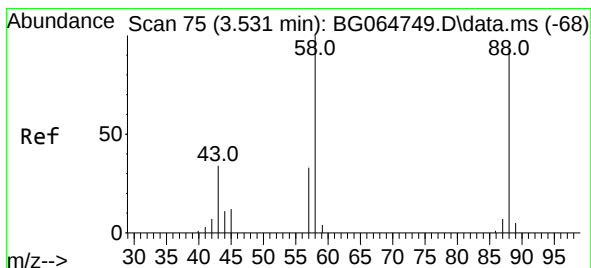
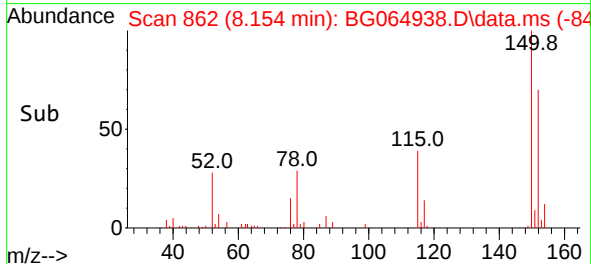
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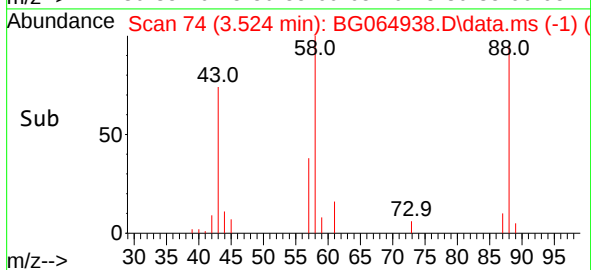
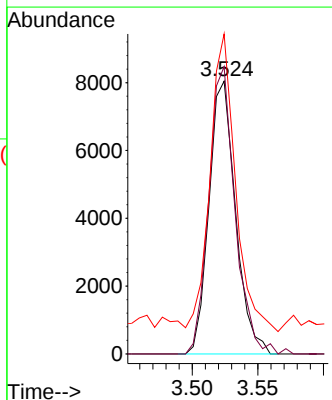
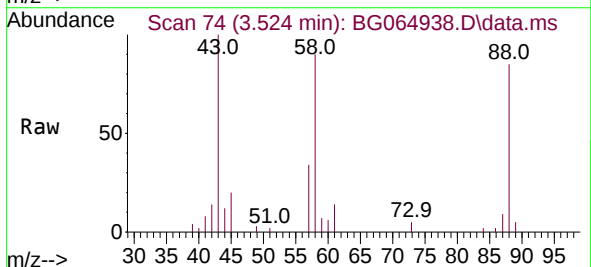
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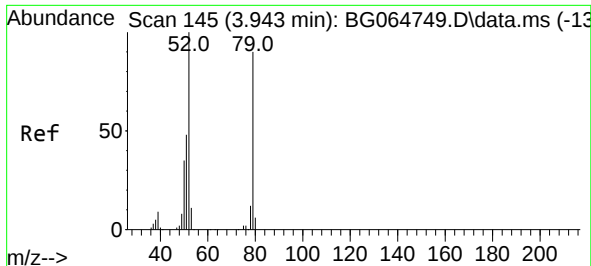
12/12/2025



#2
1,4-Dioxane
Concen: 26.359 ng
RT: 3.524 min Scan# 74
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

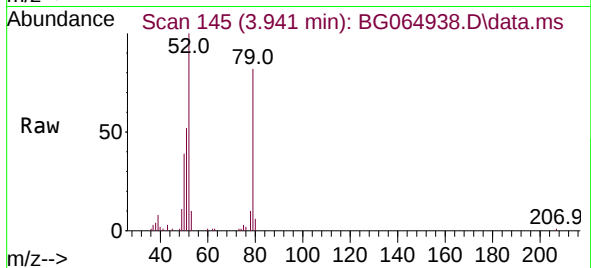
Tgt Ion: 88 Resp: 11320
Ion Ratio Lower Upper
88 100
58 104.5 84.6 126.8
43 104.5 30.0 45.0#





#3
Pyridine
Concen: 22.192 ng
RT: 3.941 min Scan# 145
Delta R.T. -0.001 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

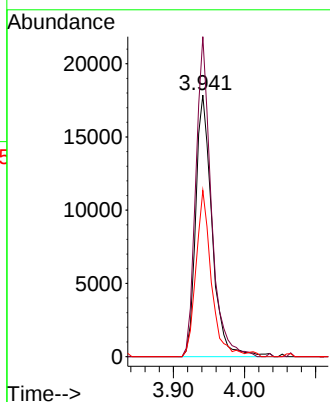
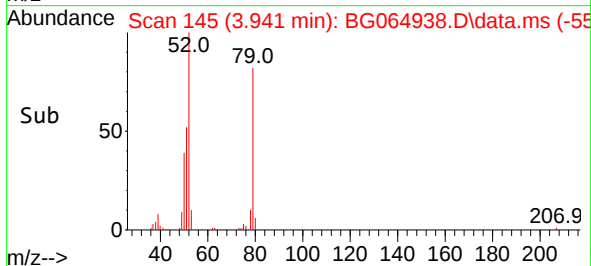
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion: 79 Resp: 28396
Ion Ratio Lower Upper
79 100
52 122.3 89.0 133.4
51 63.5 43.4 65.0

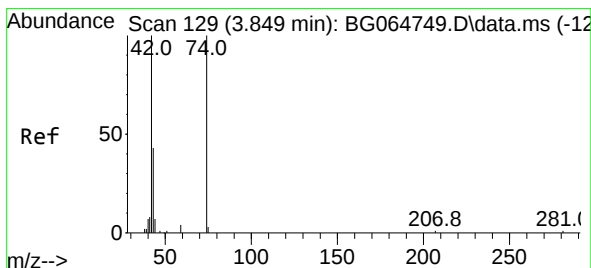
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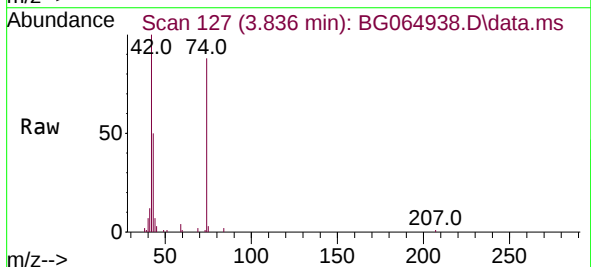


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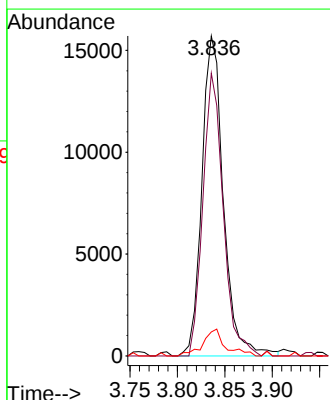
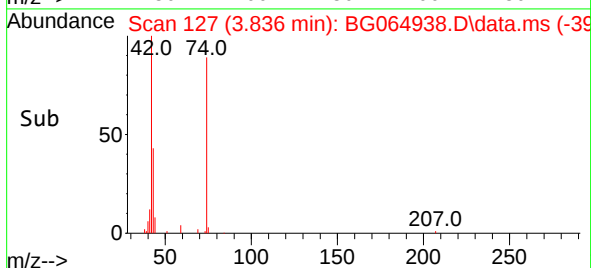
12/12/2025



#4
n-Nitrosodimethylamine
Concen: 38.170 ng
RT: 3.836 min Scan# 127
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



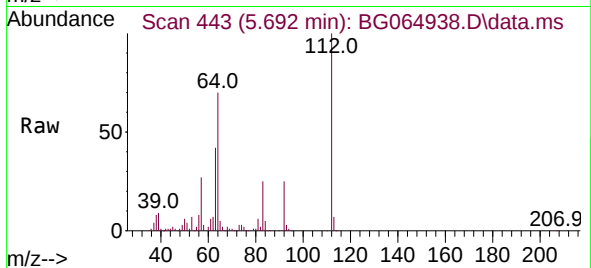
Tgt Ion: 42 Resp: 24859
Ion Ratio Lower Upper
42 100
74 88.3 79.8 119.6
44 7.5 5.9 8.9





#5
2-Fluorophenol
Concen: 112.726 ng
RT: 5.692 min Scan# 443
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

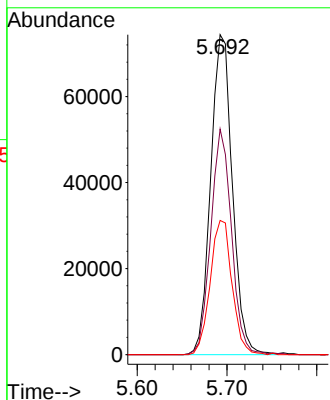
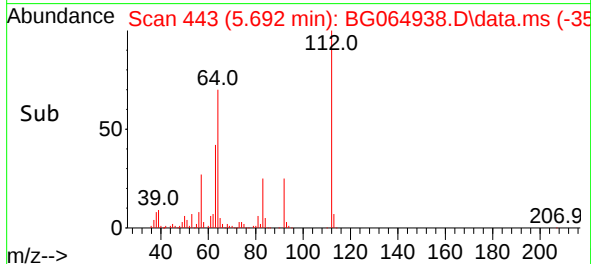
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 125048
Ion Ratio Lower Upper
112 100
64 70.5 61.0 91.4
63 41.9 33.3 49.9

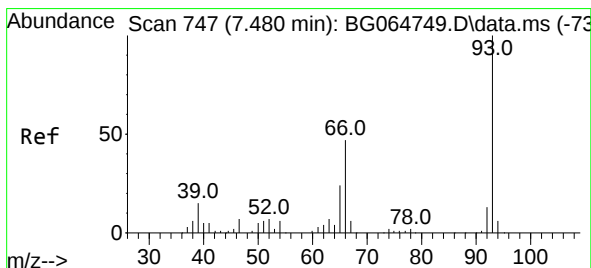
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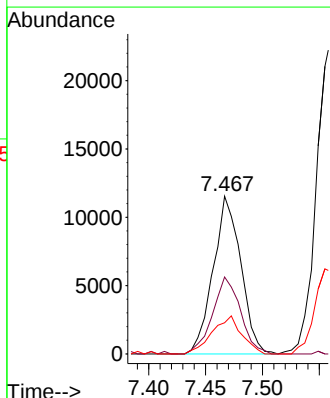
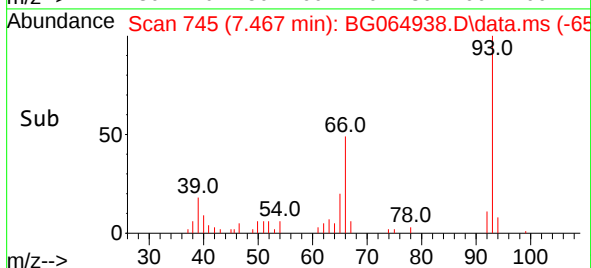
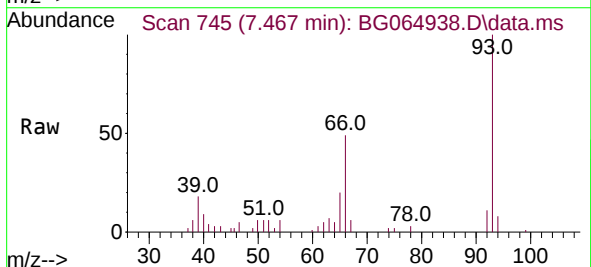
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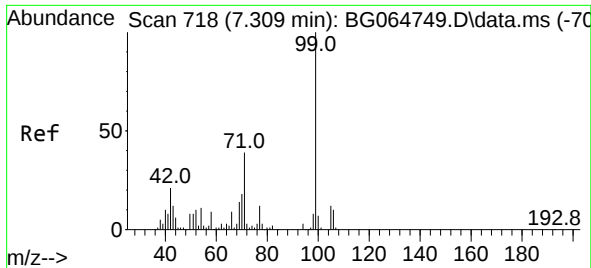
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#6
Aniline
Concen: 9.912 ng
RT: 7.467 min Scan# 745
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

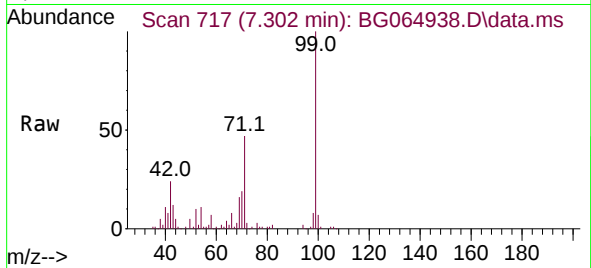
Tgt Ion: 93 Resp: 19494
Ion Ratio Lower Upper
93 100
66 48.8 37.7 56.5
65 19.7 19.1 28.7





#7
Phenol-d6
Concen: 106.140 ng
RT: 7.302 min Scan# 718
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

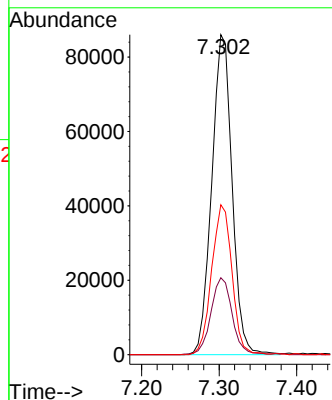
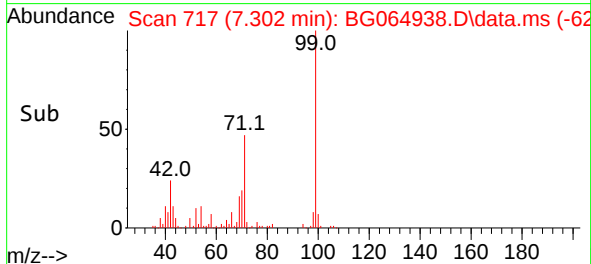
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Tgt Ion: 99 Resp: 156603
Ion Ratio Lower Upper
99 100
42 24.0 16.8 25.2
71 46.8 31.1 46.7

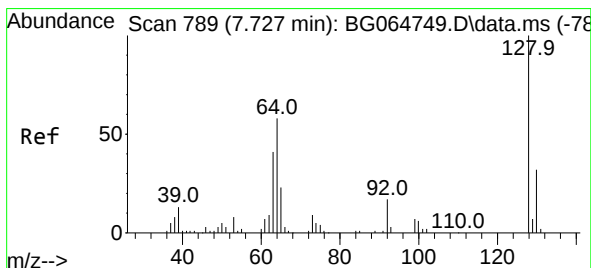
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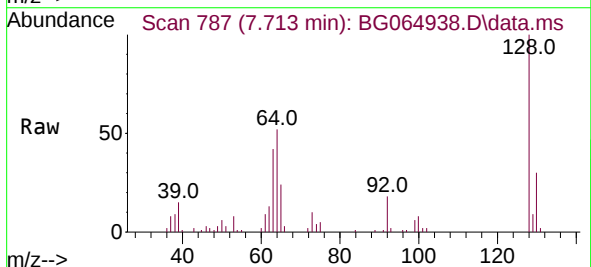


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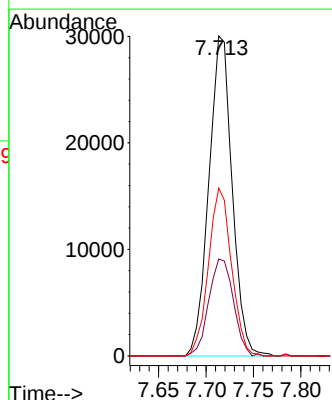
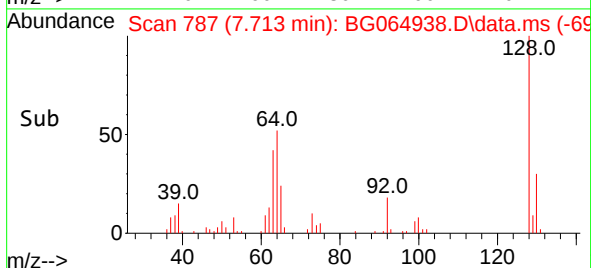
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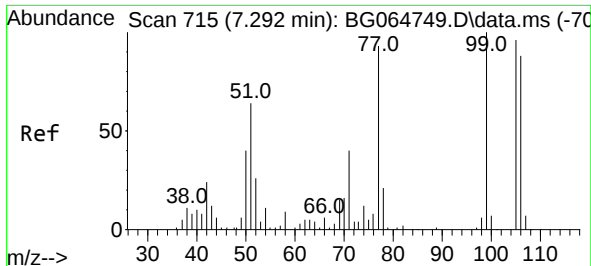


#8
2-Chlorophenol
Concen: 42.199 ng
RT: 7.713 min Scan# 787
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



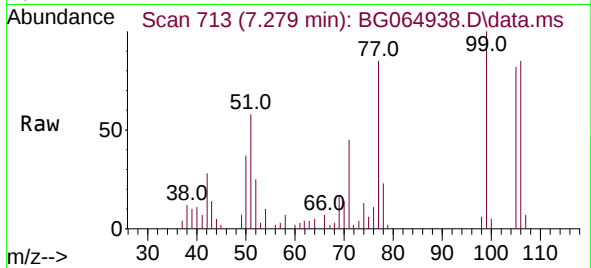
Tgt Ion:128 Resp: 51401
Ion Ratio Lower Upper
128 100
130 30.3 11.9 51.9
64 52.4 38.4 78.4





#9
Benzaldehyde
Concen: 16.574 ng
RT: 7.279 min Scan# 715
Delta R.T. -0.013 min
Lab File: BG064938.D
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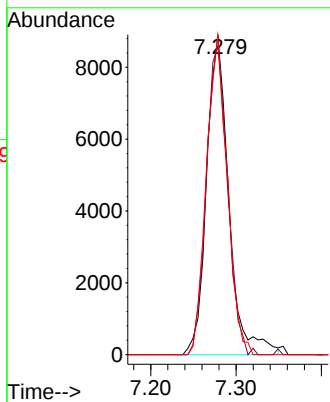
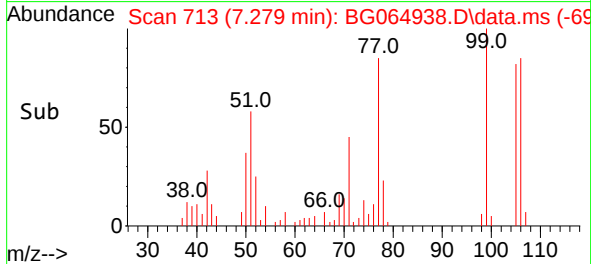
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Tgt Ion: 77 Resp: 1600
Ion Ratio Lower Upper
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105 96.7 83.8 123.8
106 100.3 74.3 114.3

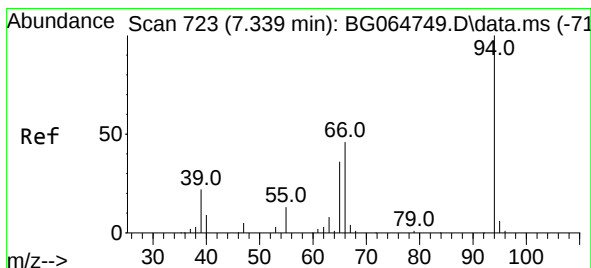
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Reviewed By :Rahul
Chavli

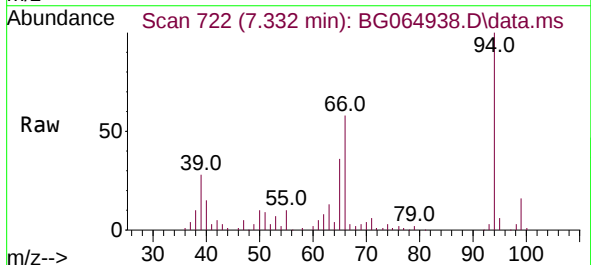


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Supervised By :Jagrut
Upadhyay

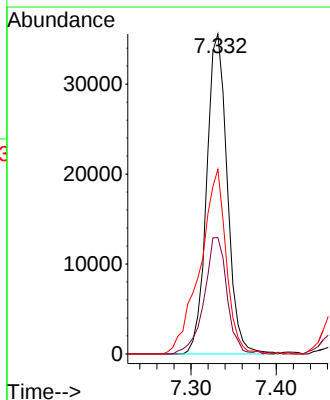
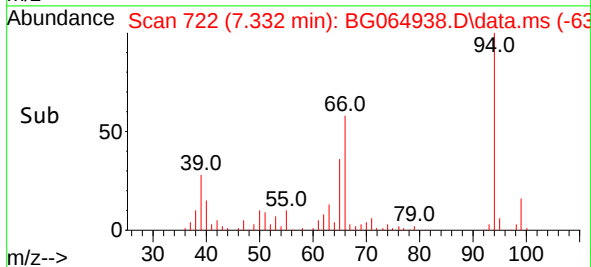
12/12/2025

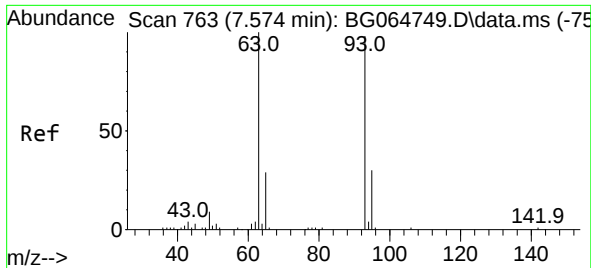


#10
Phenol
Concen: 37.093 ng
RT: 7.332 min Scan# 722
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



Tgt Ion: 94 Resp: 59546
Ion Ratio Lower Upper
94 100
65 36.3 17.0 57.0
66 57.7 29.8 69.8





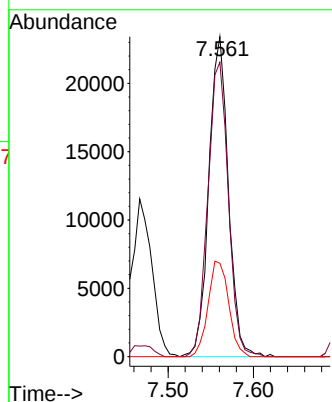
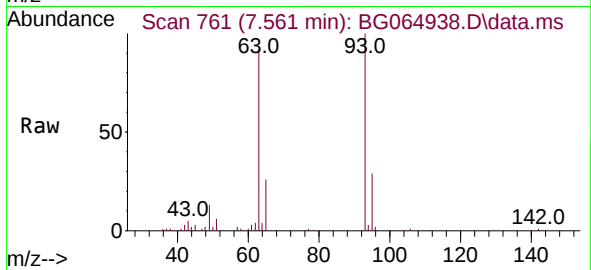
#11
bis(2-Chloroethyl)ether
Concen: 32.617 ng
RT: 7.561 min Scan# 763
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion: 93 Resp: 37260
Ion Ratio Lower Upper
93 100
63 92.0 81.8 121.8
95 29.2 10.3 50.3

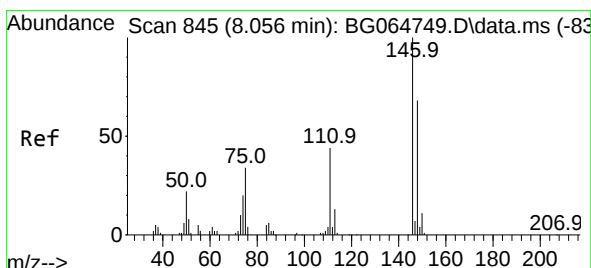
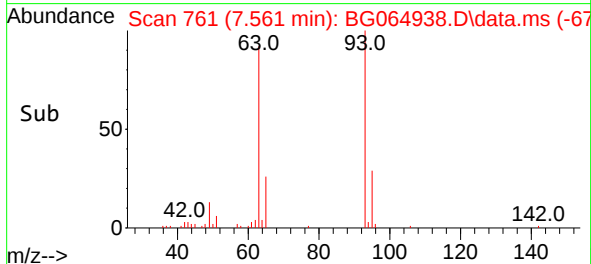
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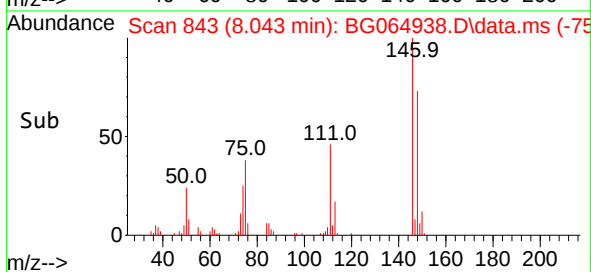
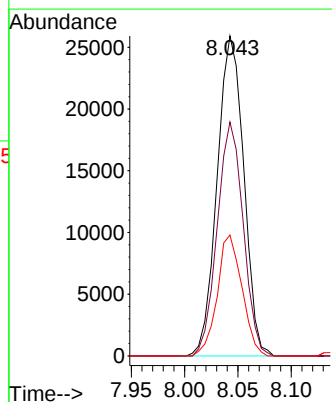
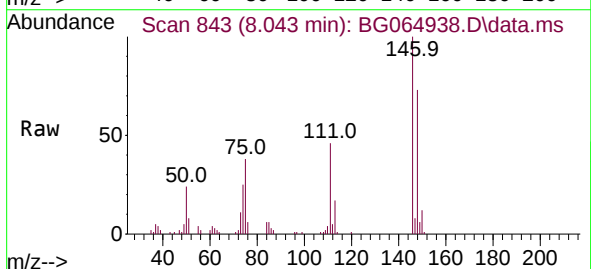
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Upadhyay

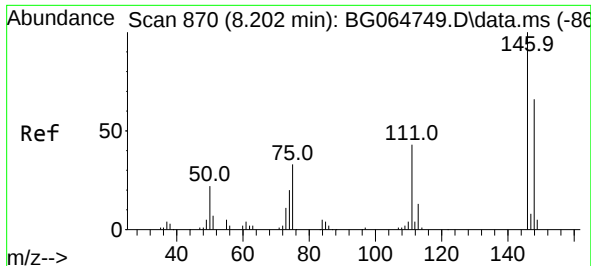
12/12/2025



#12
1,3-Dichlorobenzene
Concen: 32.147 ng
RT: 8.043 min Scan# 843
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

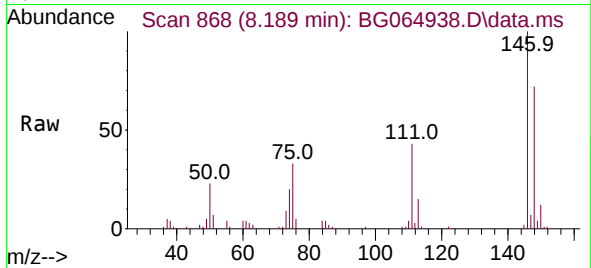
Tgt Ion:146 Resp: 45057
Ion Ratio Lower Upper
146 100
148 73.1 54.6 82.0
75 37.8 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 33.188 ng
RT: 8.189 min Scan# 868
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

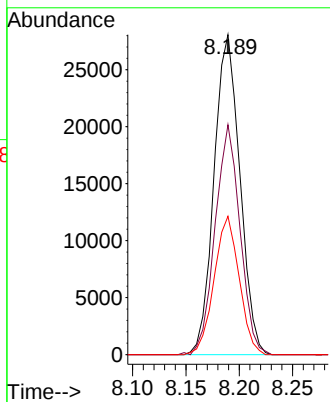
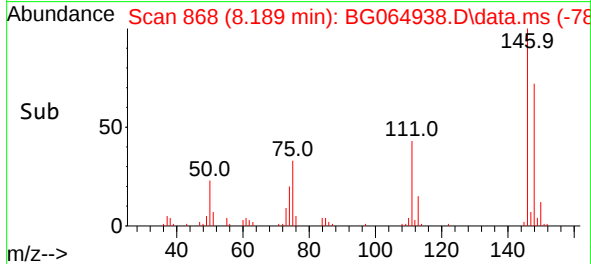
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:146 Resp: 47365
Ion Ratio Lower Upper
146 100
148 71.8 53.1 79.7
111 43.2 34.1 51.1

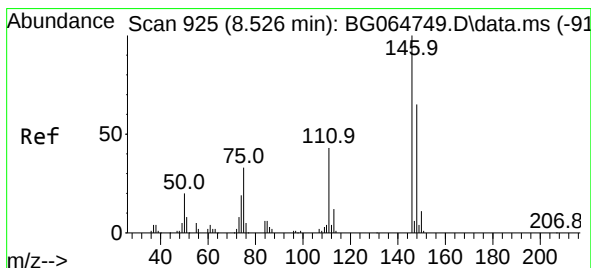
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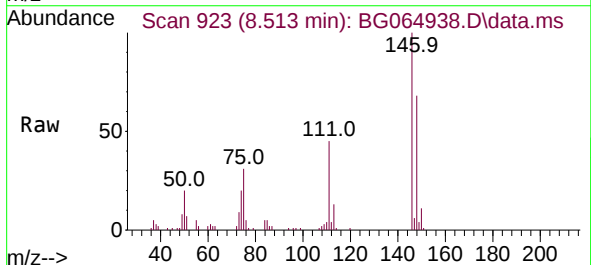


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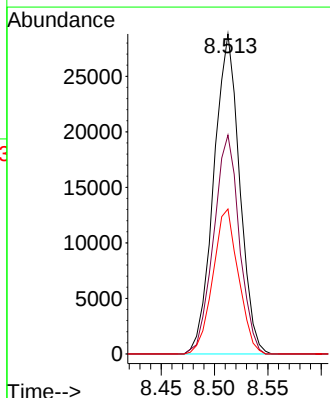
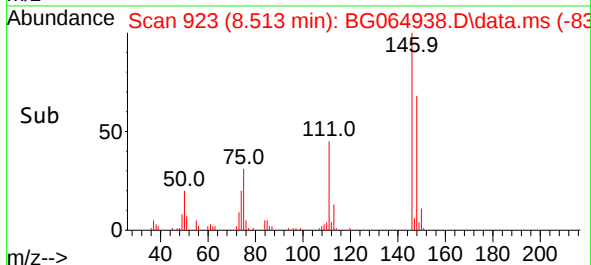
12/12/2025

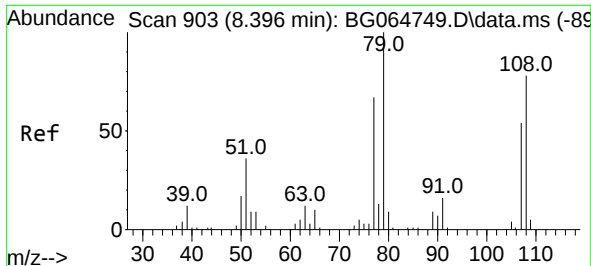


#14
1,2-Dichlorobenzene
Concen: 35.058 ng
RT: 8.513 min Scan# 923
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



Tgt Ion:146 Resp: 48514
Ion Ratio Lower Upper
146 100
148 68.4 52.0 78.0
111 45.3 34.7 52.1





#15
Benzyl Alcohol
Concen: 41.487 ng
RT: 8.389 min Scan# 903
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

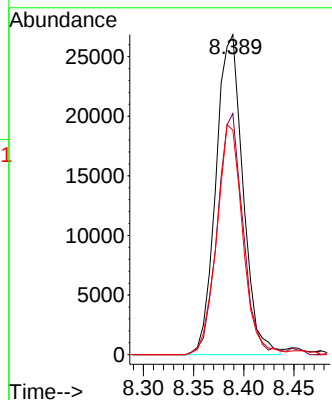
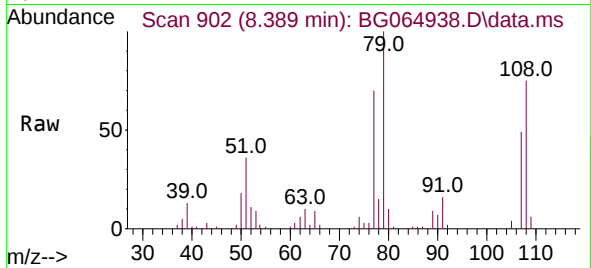
ClientSampleId :

TP-5MSD

Tgt Ion: 79 Resp: 50244
Ion Ratio Lower Upper
79 100
108 75.3 62.3 93.5
77 70.1 53.5 80.3

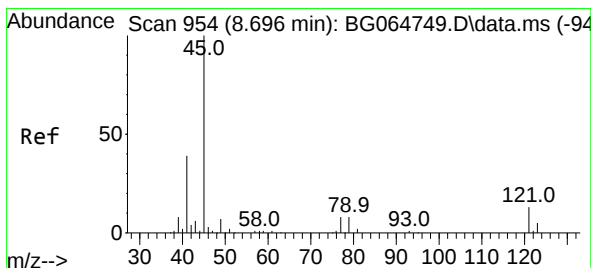
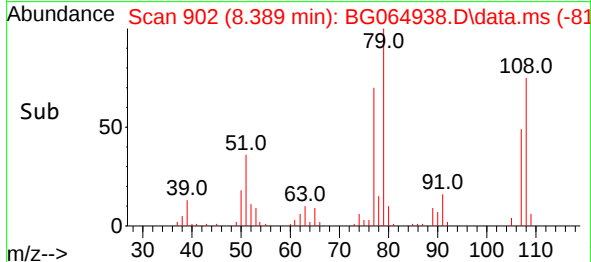
Manual Integrations
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Chavli



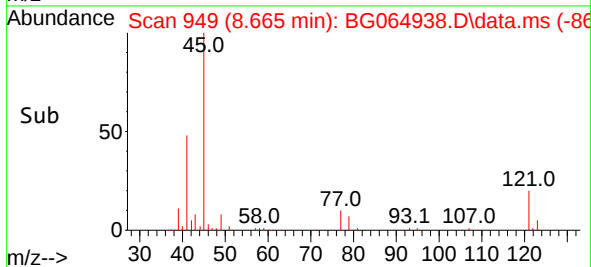
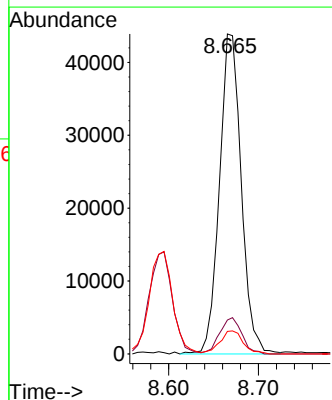
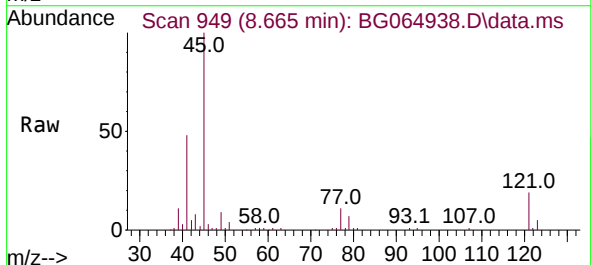
12/12/2025
Supervised By :Jagrut
Upadhyay

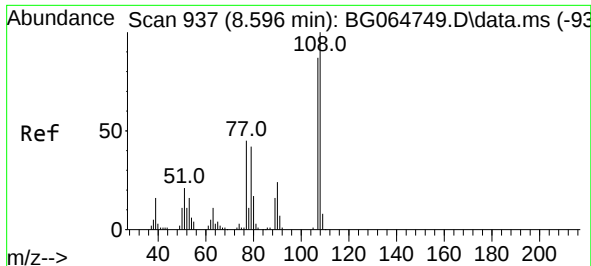
12/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.512 ng
RT: 8.665 min Scan# 949
Delta R.T. -0.031 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

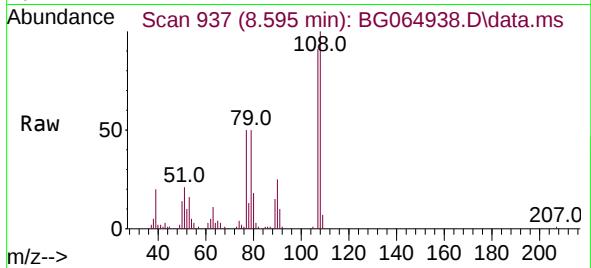
Tgt Ion: 45 Resp: 74390
Ion Ratio Lower Upper
45 100
77 10.6 0.0 28.8
79 7.0 0.0 28.1





#17
2-Methylphenol
Concen: 40.385 ng
RT: 8.595 min Scan# 937
Delta R.T. -0.001 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

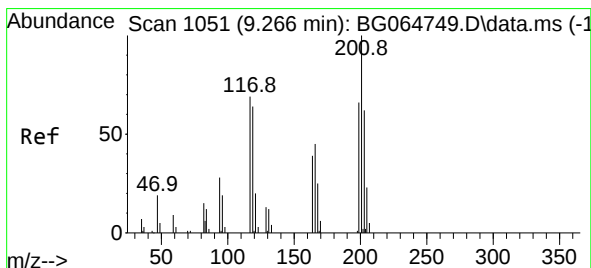
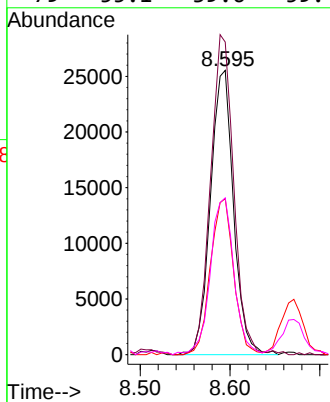
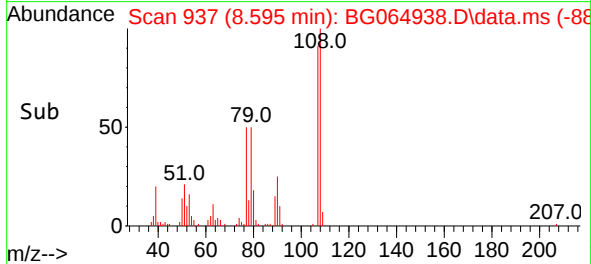
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:	107	Resp:	45872
Ion Ratio	Lower	Upper	
107	100		
108	110.0	92.6	138.8
77	54.8	41.2	61.8
79	55.1	39.6	59.4

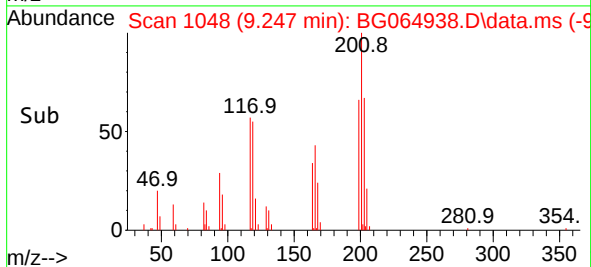
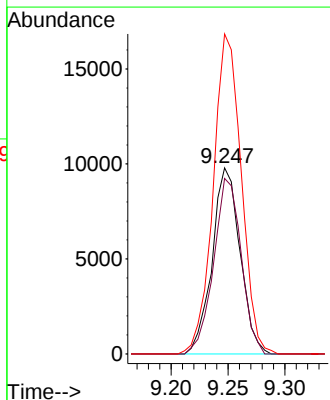
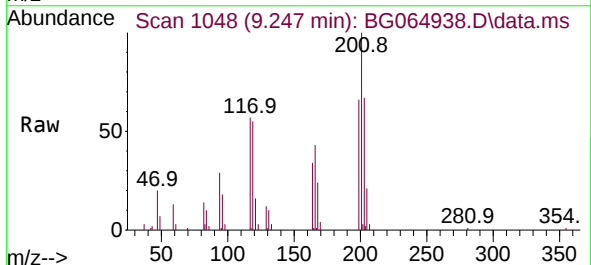
Manual Integrations
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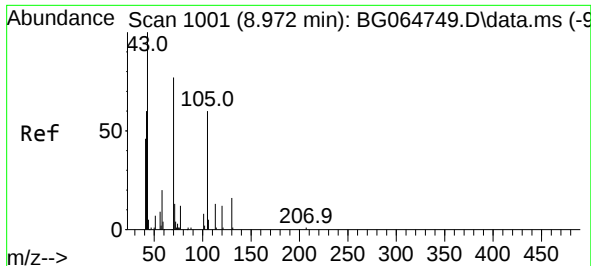
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#18
Hexachloroethane
Concen: 30.880 ng
RT: 9.247 min Scan# 1048
Delta R.T. -0.019 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion:	117	Resp:	16692
Ion Ratio	Lower	Upper	
117	100		
119	94.4	74.4	111.6
201	172.1	116.5	174.7





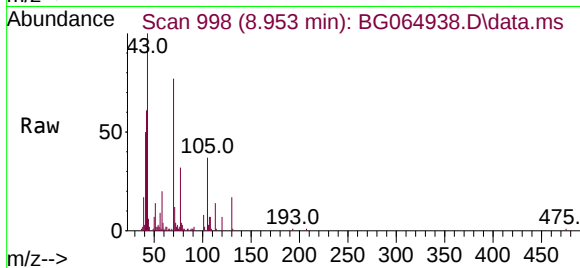
#19
n-Nitroso-di-n-propylamine
Concen: 36.866 ng
RT: 8.953 min Scan# 998
Delta R.T. -0.019 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

ClientSampleId :

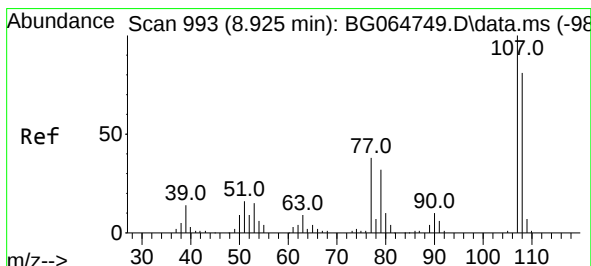
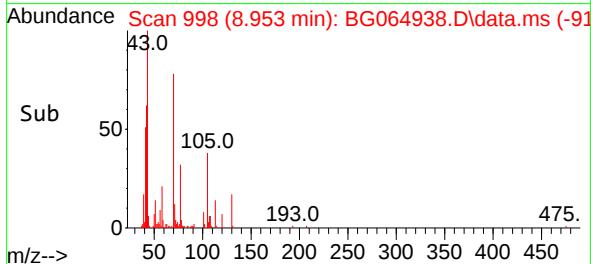
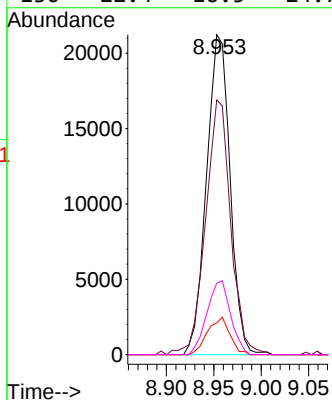
TP-5MSD



Tgt Ion: 70 Resp: 36778
Ion Ratio Lower Upper
70 100
42 79.6 62.6 93.8
101 9.9 8.0 12.0
130 22.4 16.5 24.7

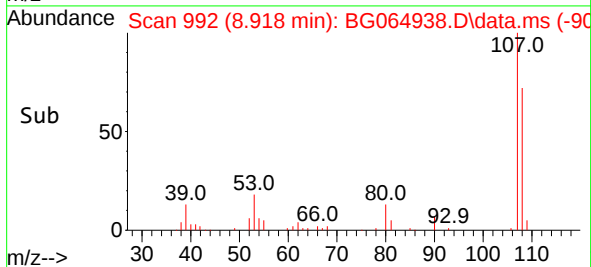
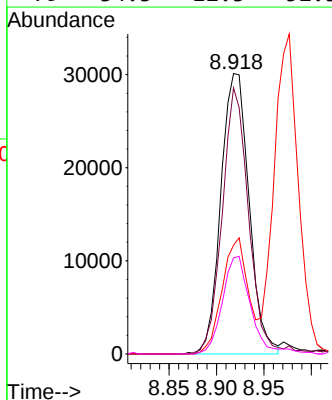
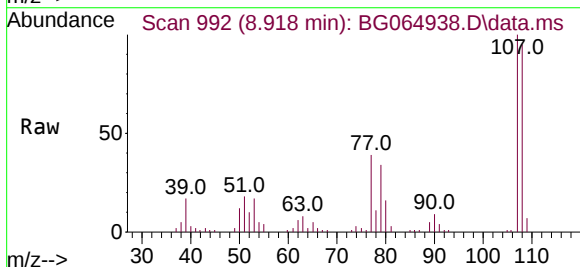
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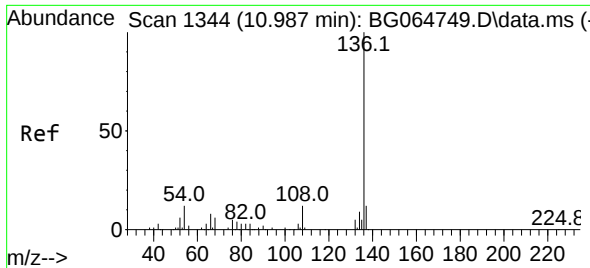
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#20
3+4-Methylphenols
Concen: 40.049 ng
RT: 8.918 min Scan# 992
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

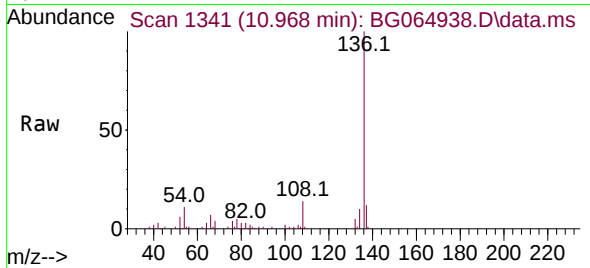
Tgt Ion:107 Resp: 62320
Ion Ratio Lower Upper
107 100
108 94.9 61.0 101.0
77 38.8 17.6 57.6
79 34.3 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 1344
Delta R.T. -0.019 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

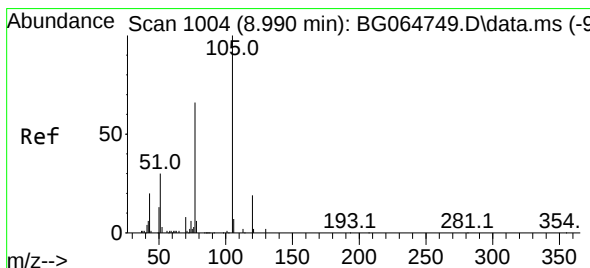
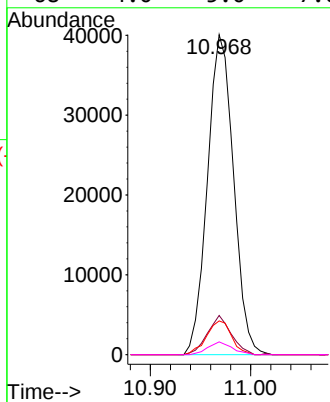
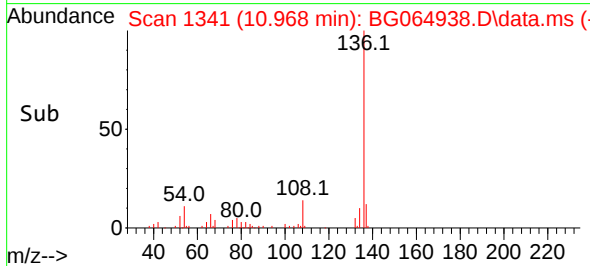
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:136 Resp: 72304
Ion Ratio Lower Upper
136 100
137 12.2 9.3 13.9
54 10.5 9.3 13.9
68 4.0 5.0 7.6#

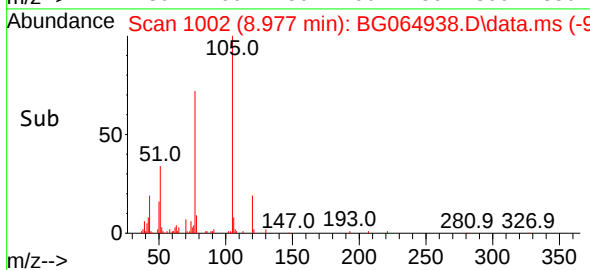
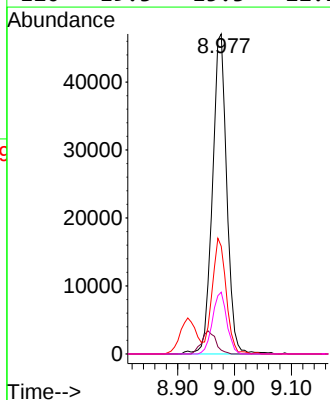
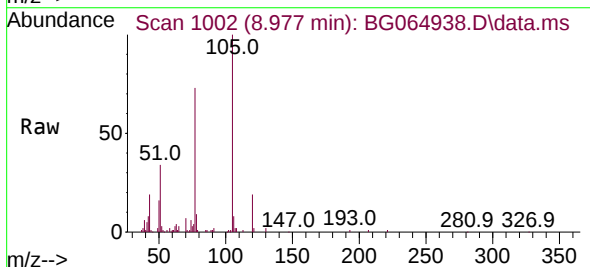
Manual Integrations
APPROVED

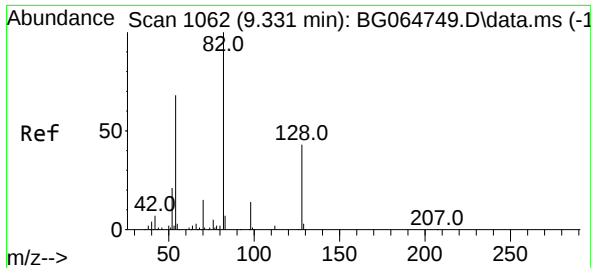
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#22
Acetophenone
Concen: 41.791 ng
RT: 8.977 min Scan# 1002
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

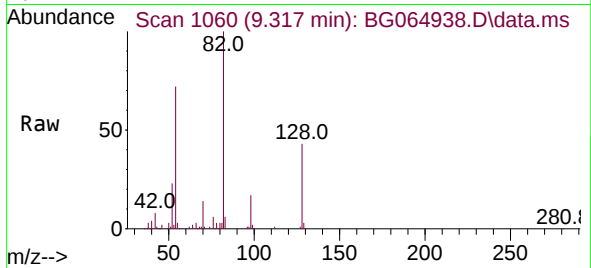
Tgt Ion:105 Resp: 82324
Ion Ratio Lower Upper
105 100
71 1.2 1.3 1.9#
51 33.6 27.9 41.9
120 19.3 15.3 22.9





#23
Nitrobenzene-d5
Concen: 80.788 ng
RT: 9.317 min Scan# 1062
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

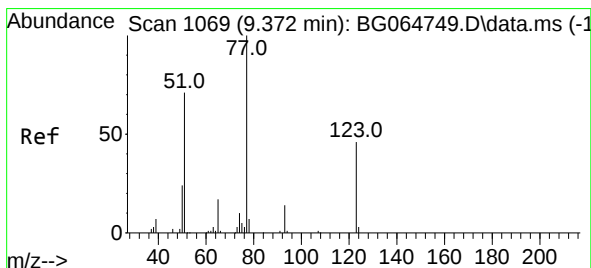
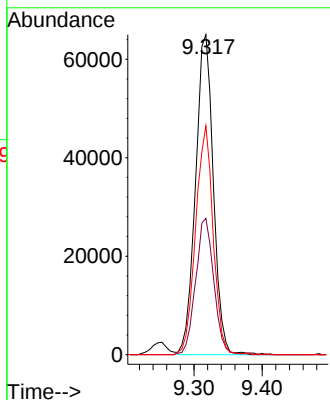
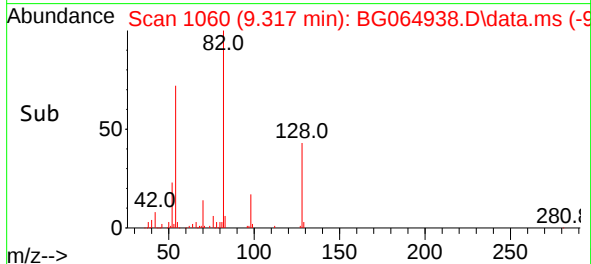
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion: 82 Resp: 118143
Ion Ratio Lower Upper
82 100
128 42.6 34.1 51.1
54 71.5 54.3 81.5

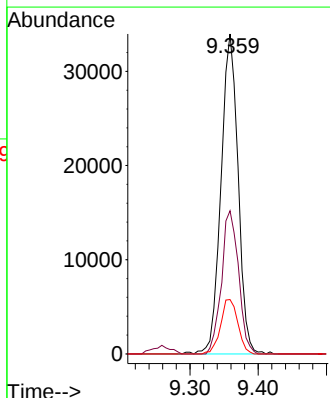
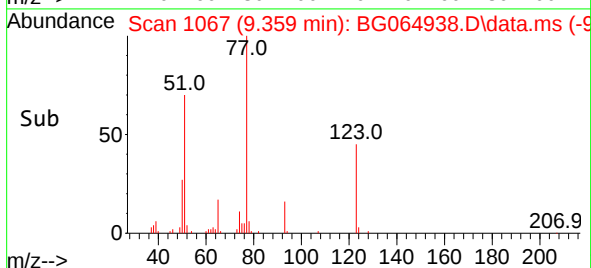
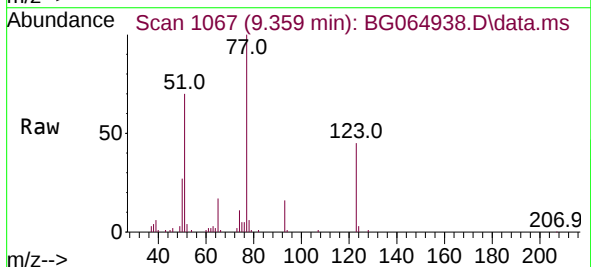
Manual Integrations
APPROVED

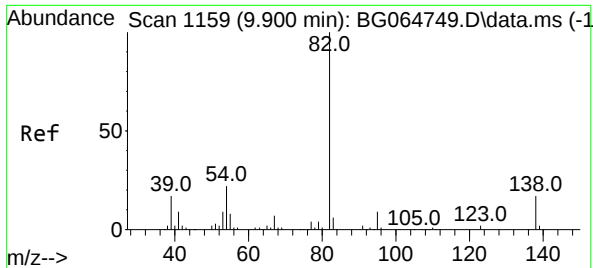
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#24
Nitrobenzene
Concen: 39.737 ng
RT: 9.359 min Scan# 1067
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion: 77 Resp: 58716
Ion Ratio Lower Upper
77 100
123 44.7 36.5 54.7
65 17.0 13.5 20.3





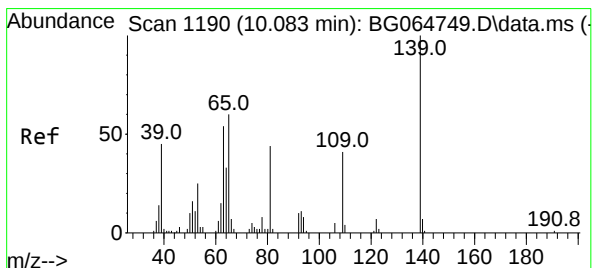
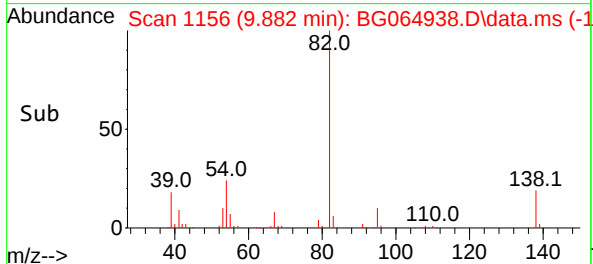
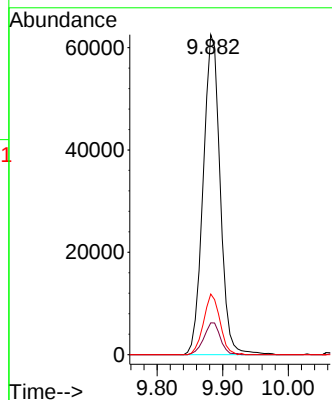
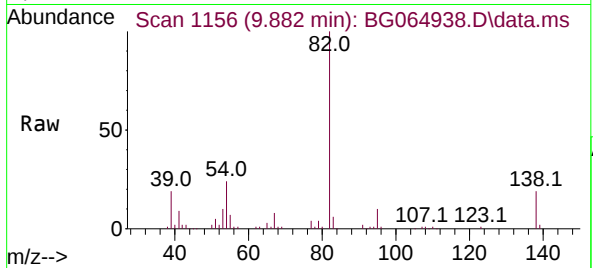
#25
Isophorone
Concen: 40.237 ng
RT: 9.882 min Scan# 1156
Delta R.T. -0.019 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion: 82 Resp: 112053
Ion Ratio Lower Upper
82 100
95 9.9 6.9 10.3
138 18.9 13.9 20.9

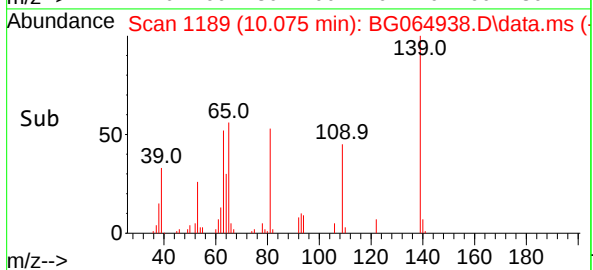
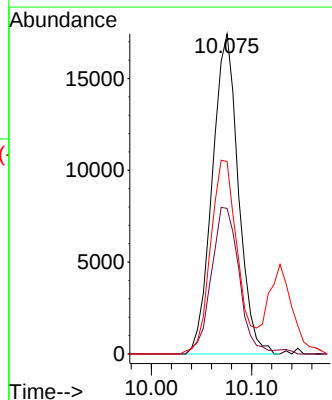
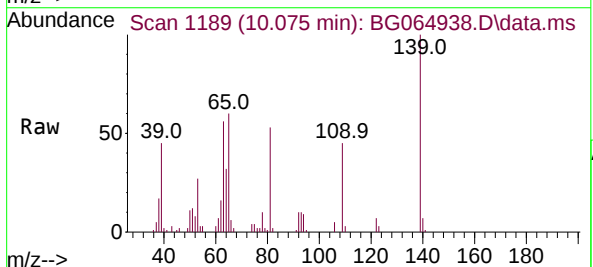
Manual Integrations
APPROVED

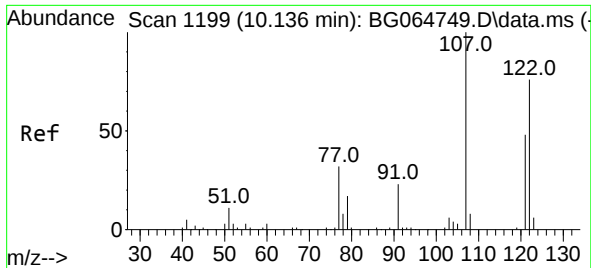
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#26
2-Nitrophenol
Concen: 47.308 ng
RT: 10.075 min Scan# 1189
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

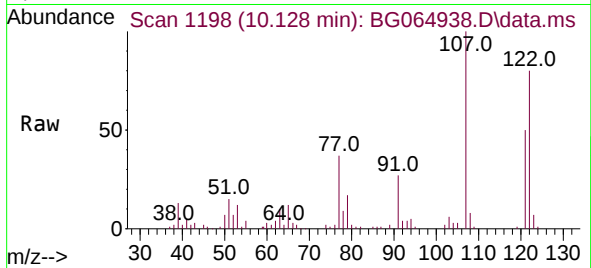
Tgt Ion:139 Resp: 31442
Ion Ratio Lower Upper
139 100
109 45.5 32.5 48.7
65 60.1 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 45.980 ng
RT: 10.128 min Scan# 1199
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

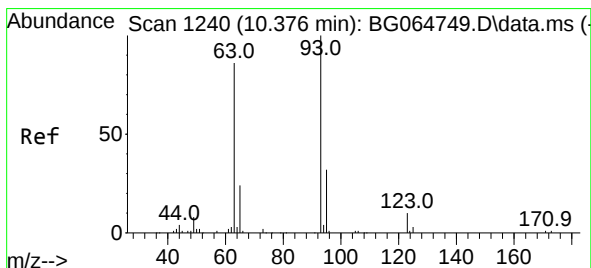
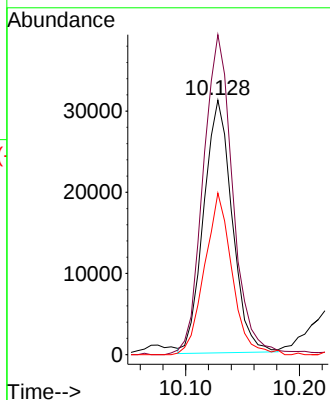
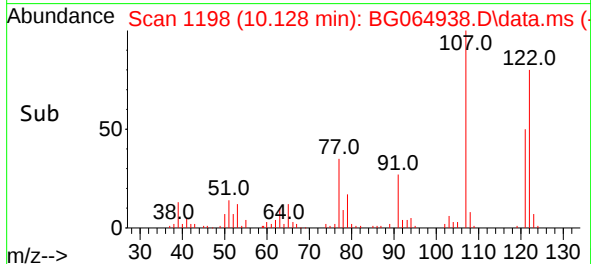
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:122 Resp: 54290
Ion Ratio Lower Upper
122 100
107 125.7 102.5 153.7
121 63.4 49.0 73.6

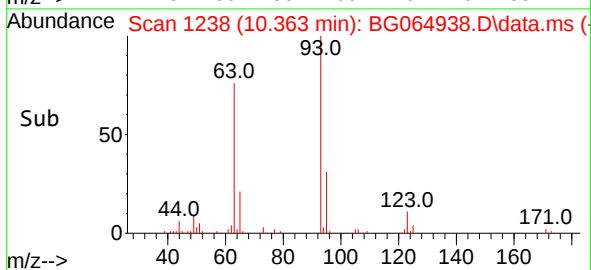
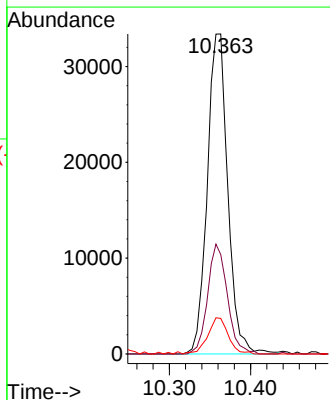
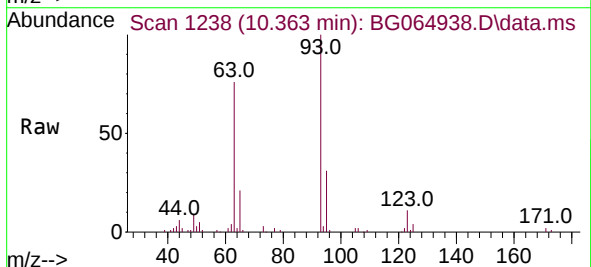
Manual Integrations
APPROVED

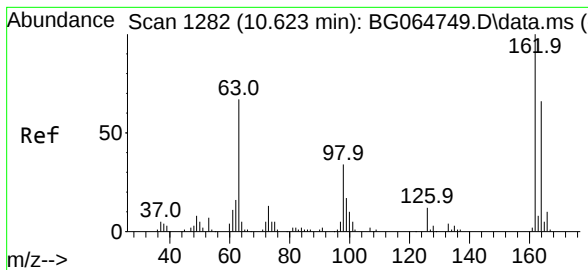
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.339 ng
RT: 10.363 min Scan# 1238
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion: 93 Resp: 58615
Ion Ratio Lower Upper
93 100
95 31.0 25.4 38.2
123 11.1 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 51.945 ng
RT: 10.610 min Scan# 1280
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

ClientSampleId :

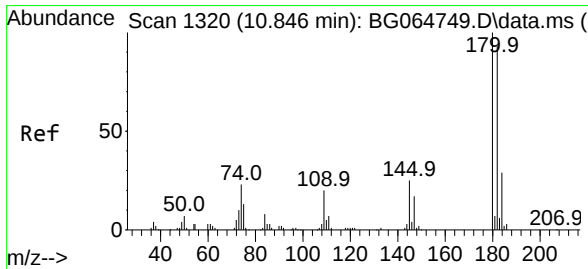
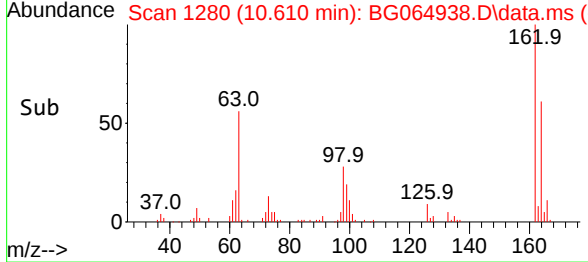
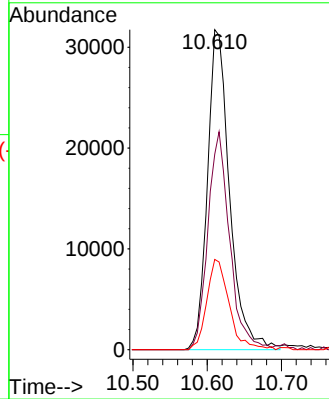
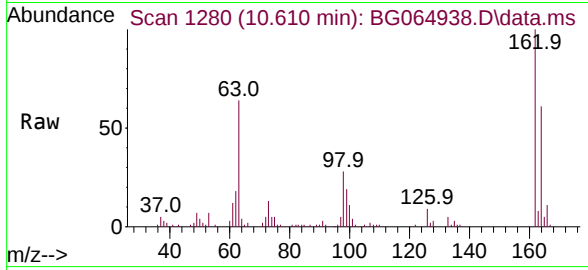
TP-5MSD

Tgt Ion:162 Resp: 65849
Ion Ratio Lower Upper
162 100
164 61.1 46.0 86.0
98 28.2 14.2 54.2

Manual Integrations

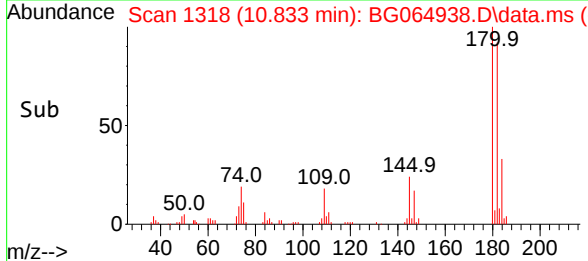
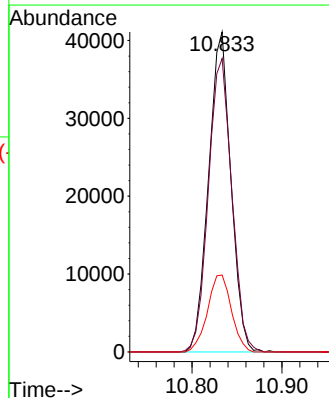
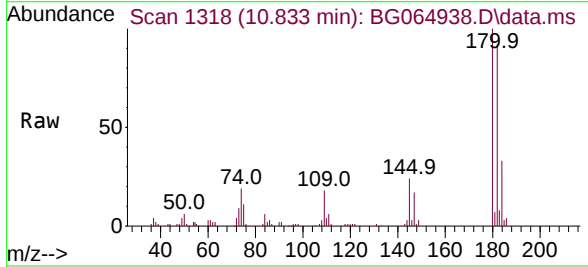
APPROVED

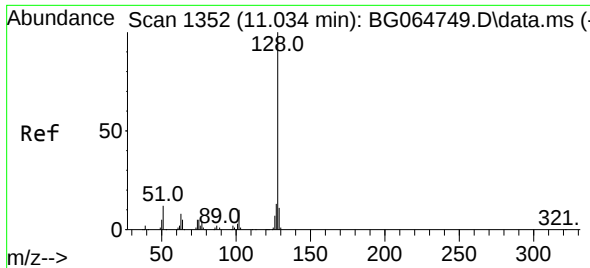
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 46.344 ng
RT: 10.833 min Scan# 1318
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

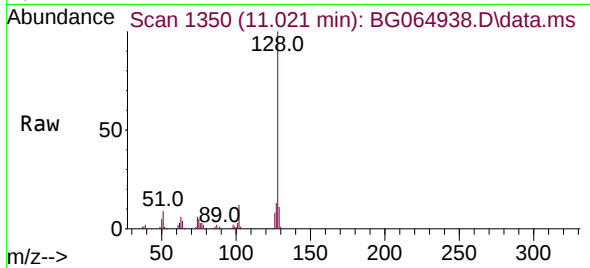
Tgt Ion:180 Resp: 70941
Ion Ratio Lower Upper
180 100
182 91.7 74.2 111.4
145 24.0 20.0 30.0





#31
Naphthalene
Concen: 39.881 ng
RT: 11.021 min Scan# 1352
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

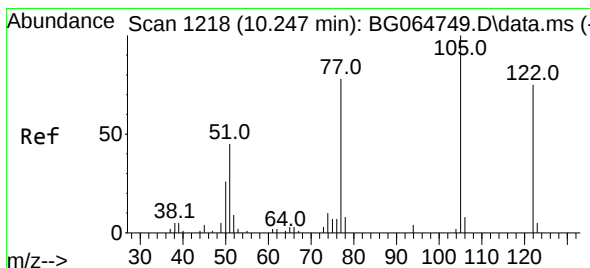
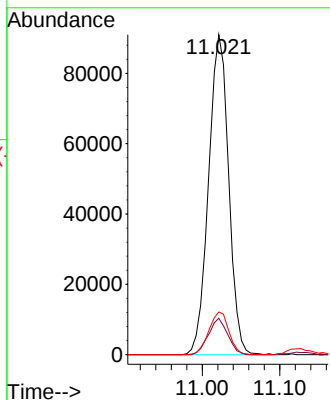
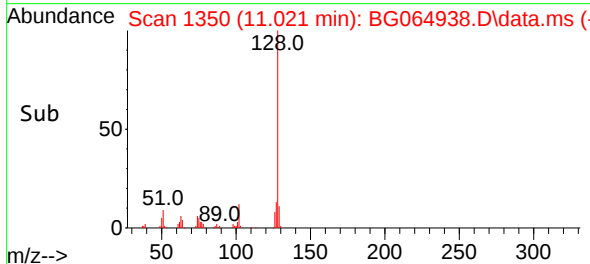
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



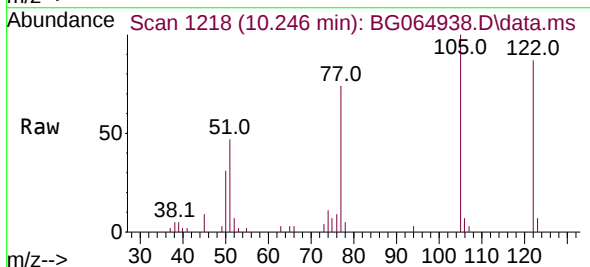
Tgt Ion:128 Resp: 16346
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.3 10.6 16.0

Manual Integrations
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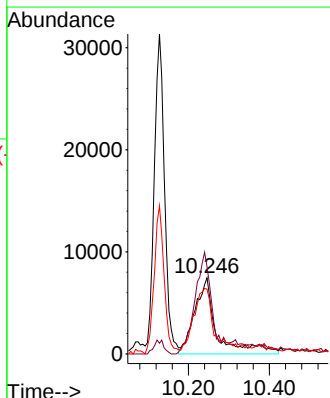
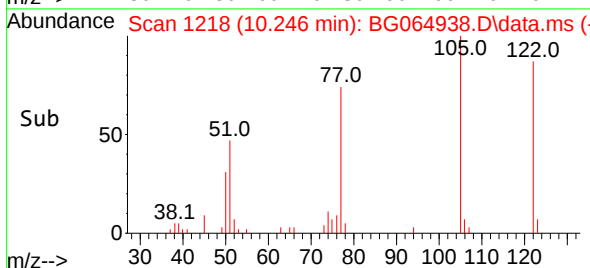
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

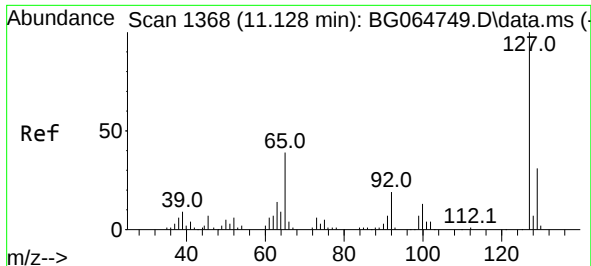


#32
Benzoic acid
Concen: 35.503 ng m
RT: 10.246 min Scan# 1218
Delta R.T. -0.001 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



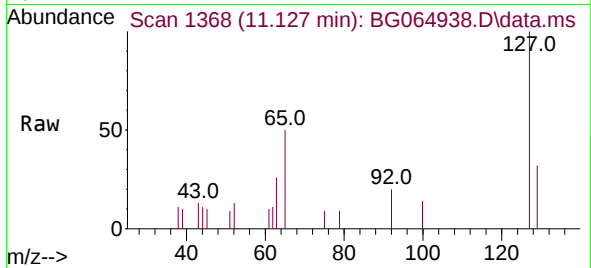
Tgt Ion:122 Resp: 28131
Ion Ratio Lower Upper
122 100
105 114.6 107.6 147.6
77 85.1 82.5 122.5





#33
4-Chloroaniline
Concen: 2.399 ng
RT: 11.127 min Scan# 1368
Delta R.T. -0.001 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

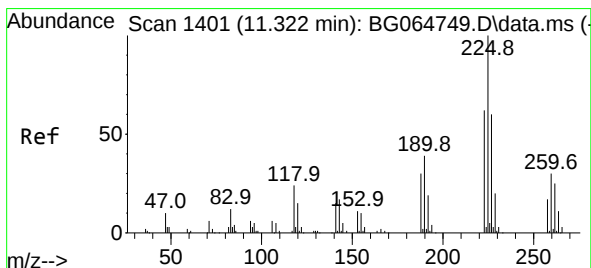
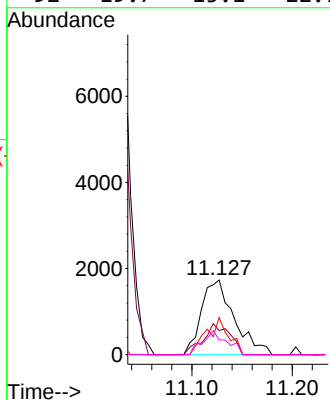
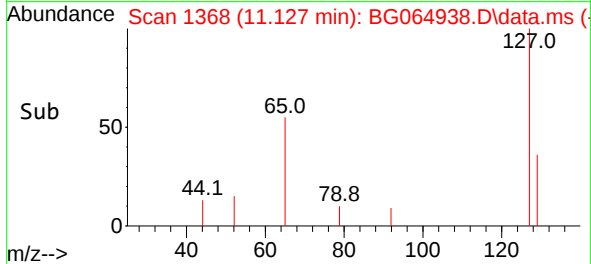
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



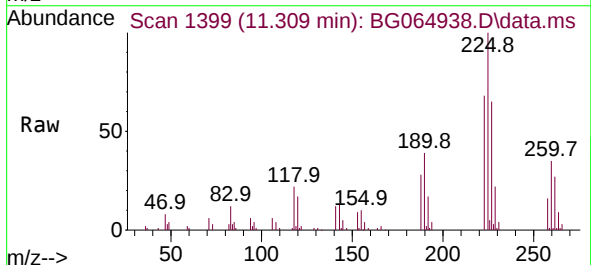
Tgt Ion:	127	Resp:	3934
Ion Ratio	Lower	Upper	
127	100		
129	32.4	24.9	37.3
65	49.6	30.9	46.3
92	19.7	15.1	22.7

Manual Integrations
APPROVED

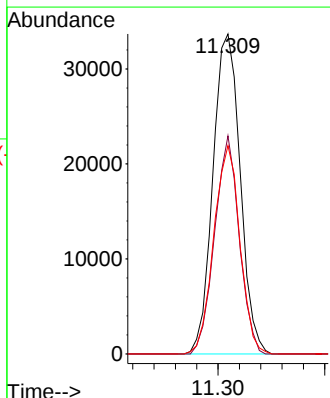
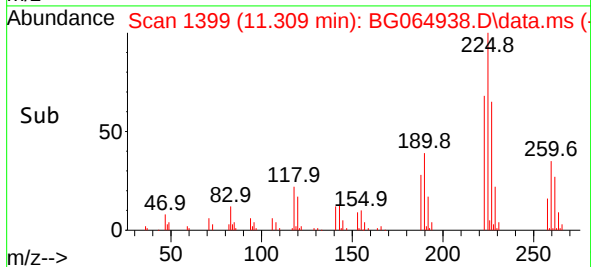
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

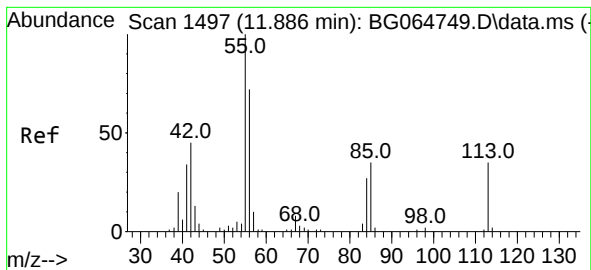


#34
Hexachlorobutadiene
Concen: 45.499 ng
RT: 11.309 min Scan# 1399
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



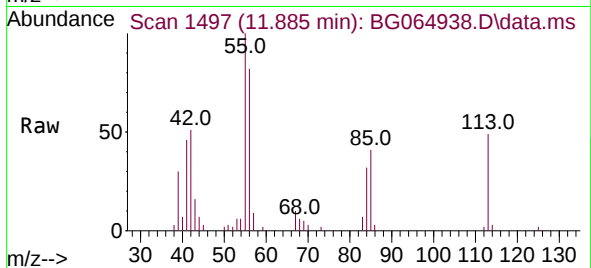
Tgt Ion:	225	Resp:	59758
Ion Ratio	Lower	Upper	
225	100		
223	68.1	49.9	74.9
227	65.1	50.6	75.8





#35
Caprolactam
Concen: 42.394 ng m
RT: 11.885 min Scan# 1497
Delta R.T. -0.001 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

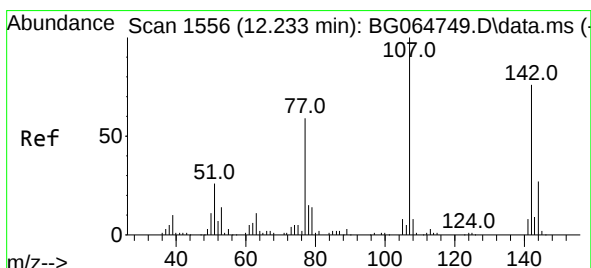
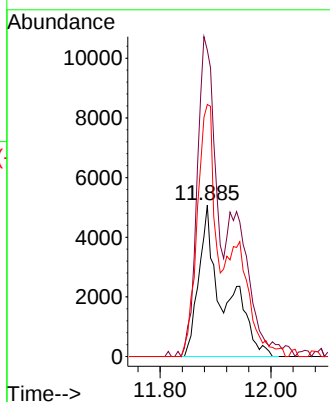
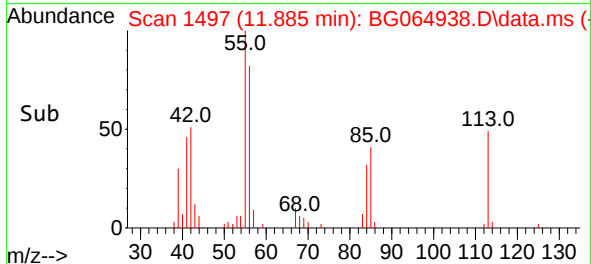
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



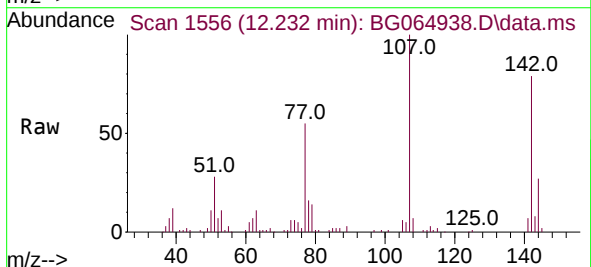
Tgt Ion:113 Resp: 16074
Ion Ratio Lower Upper
113 100
55 202.4 263.7 303.7
56 166.4 184.0 224.0

Manual Integrations
APPROVED

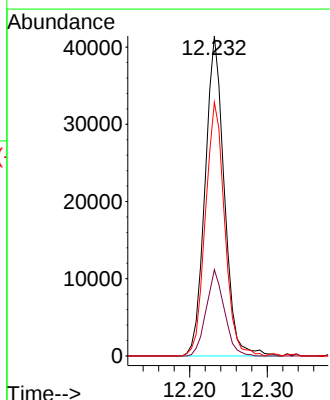
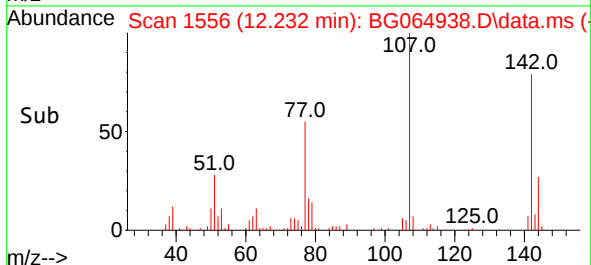
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

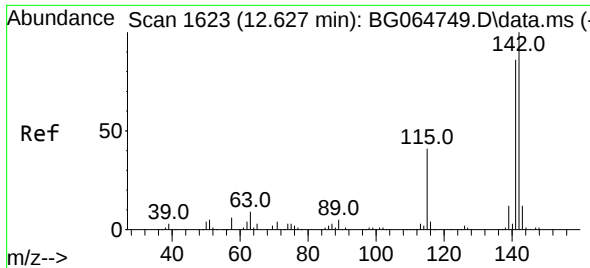


#36
4-Chloro-3-methylphenol
Concen: 50.408 ng
RT: 12.232 min Scan# 1556
Delta R.T. -0.001 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



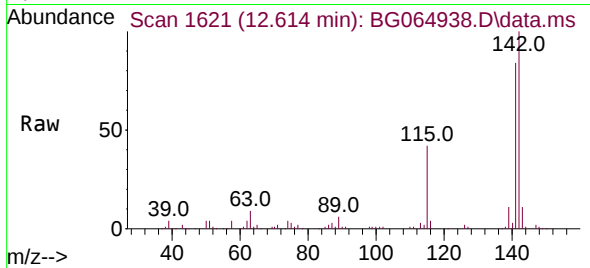
Tgt Ion:107 Resp: 71124
Ion Ratio Lower Upper
107 100
144 26.9 21.7 32.5
142 79.3 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.427 ng
RT: 12.614 min Scan# 1621
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

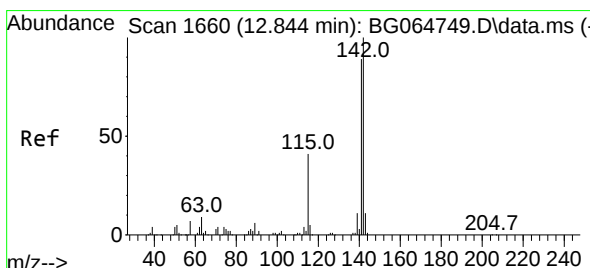
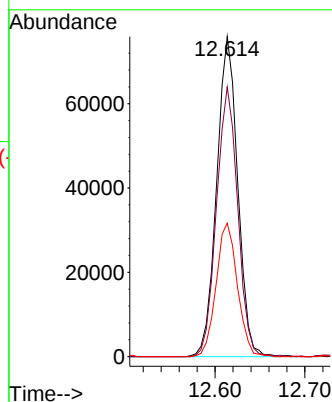
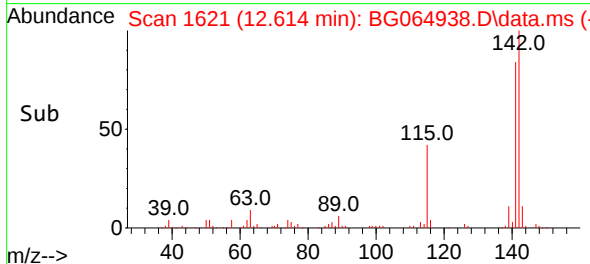
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:142 Resp: 124000
Ion Ratio Lower Upper
142 100
141 84.3 69.1 103.7
115 41.7 32.9 49.3

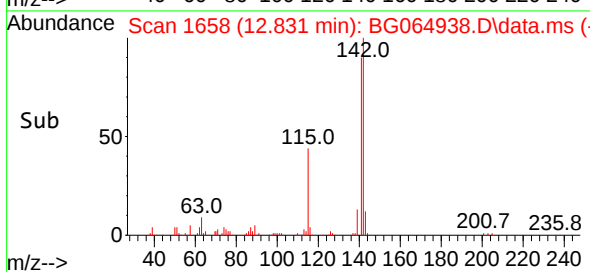
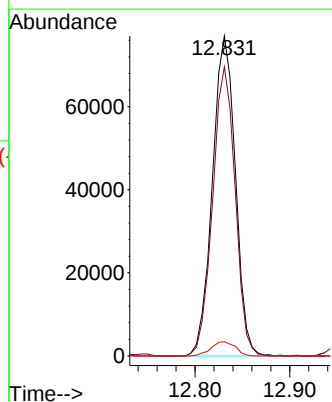
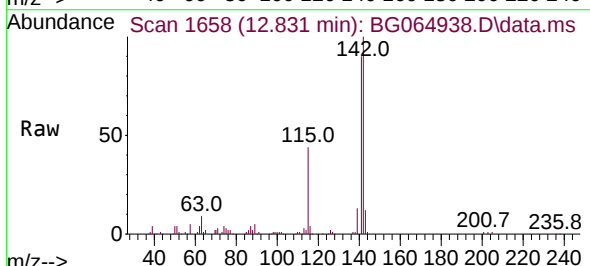
Manual Integrations
APPROVED

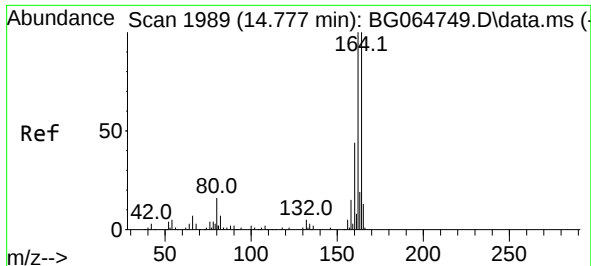
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#38
1-Methylnaphthalene
Concen: 42.531 ng
RT: 12.831 min Scan# 1658
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion:142 Resp: 129585
Ion Ratio Lower Upper
142 100
141 90.3 70.8 106.2
116 4.4 3.7 5.5





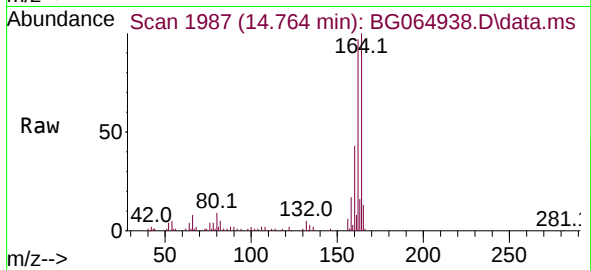
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.764 min Scan# 1989
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

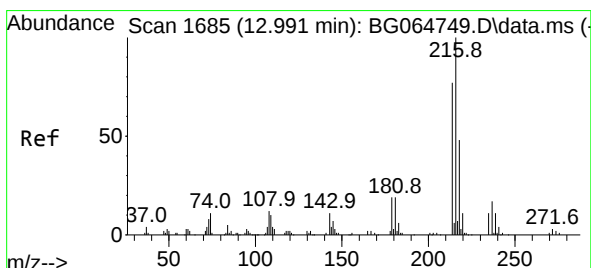
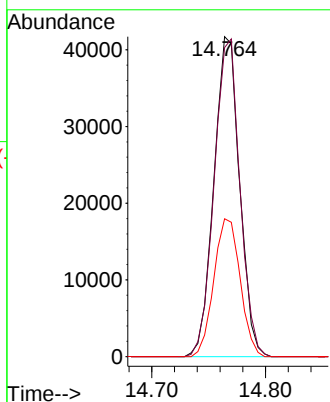
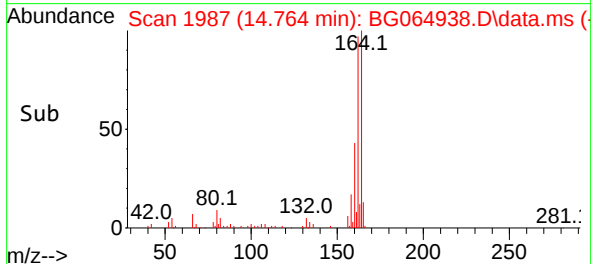


Tgt Ion:164 Resp: 65366
Ion Ratio Lower Upper
164 100
162 96.6 79.8 119.6
160 43.1 34.9 52.3

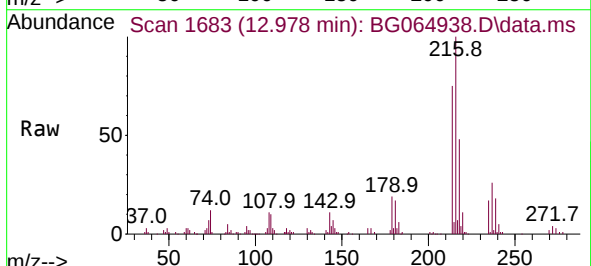
Manual Integrations

APPROVED

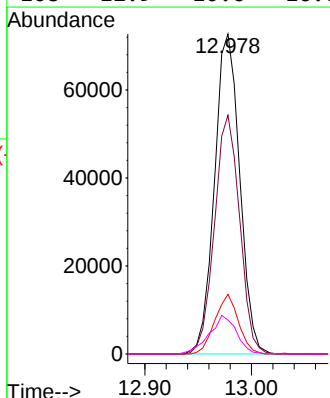
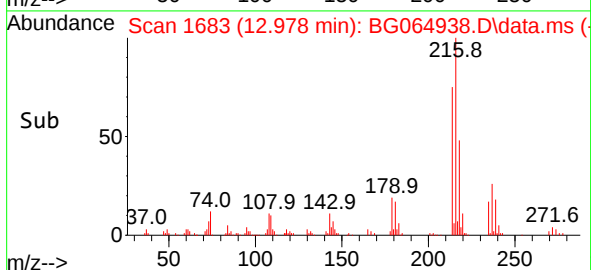
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

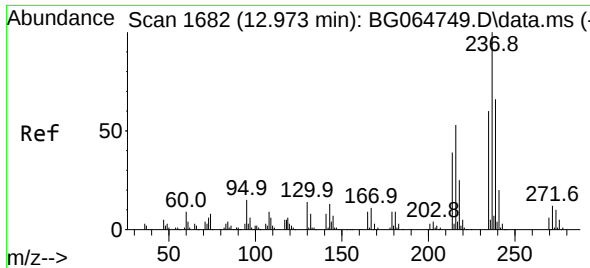


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.983 ng
RT: 12.978 min Scan# 1683
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



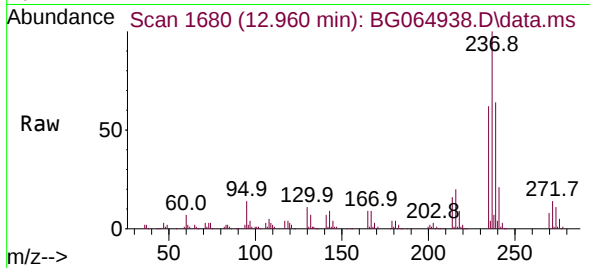
Tgt Ion:216 Resp: 119517
Ion Ratio Lower Upper
216 100
214 74.2 60.5 90.7
179 17.3 14.7 22.1
108 12.9 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 83.488 ng
RT: 12.960 min Scan# 1680
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

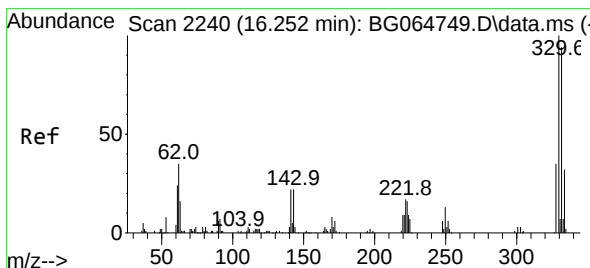
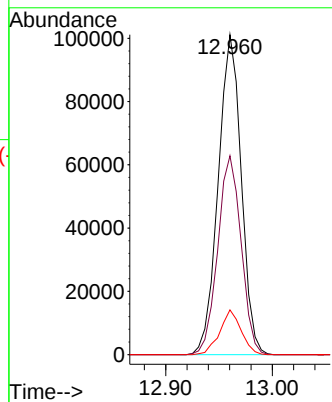
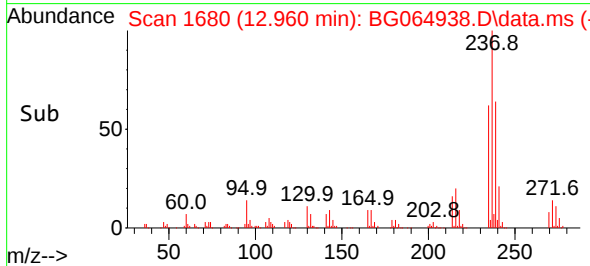
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



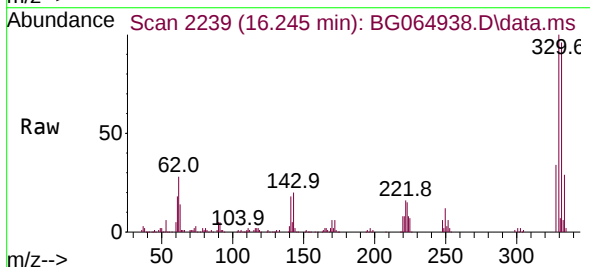
Tgt Ion:237 Resp: 152230
Ion Ratio Lower Upper
237 100
235 62.1 40.2 80.2
272 14.0 0.0 31.9

Manual Integrations
APPROVED

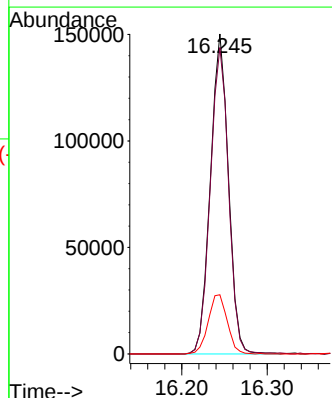
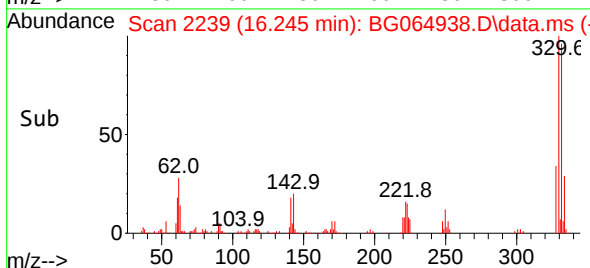
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

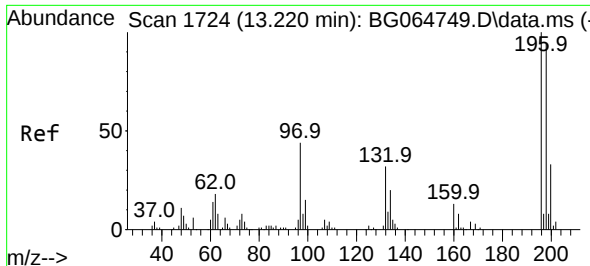


#42
2,4,6-Tribromophenol
Concen: 172.965 ng
RT: 16.245 min Scan# 2239
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



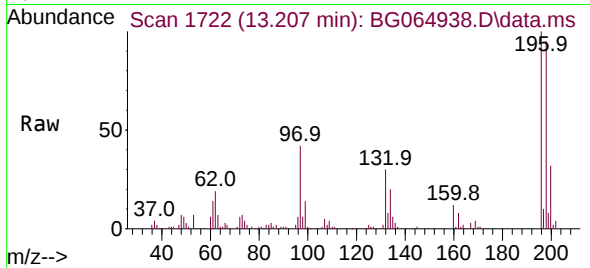
Tgt Ion:330 Resp: 220503
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 19.5 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 52.155 ng
RT: 13.207 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

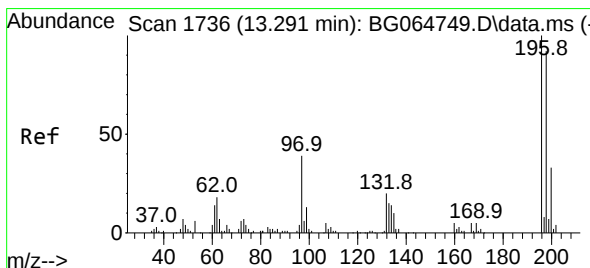
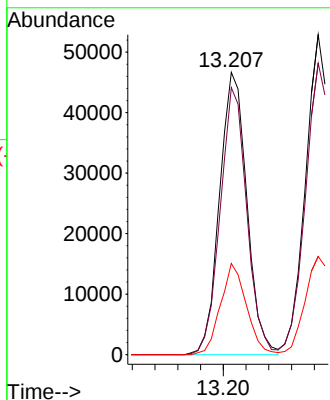
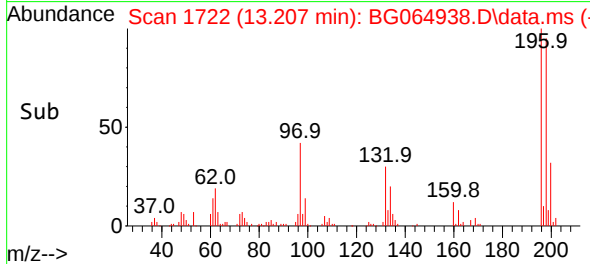
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:196 Resp: 77868
Ion Ratio Lower Upper
196 100
198 94.6 75.3 112.9
200 32.3 26.2 39.2

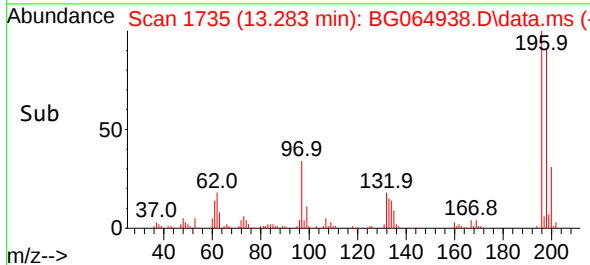
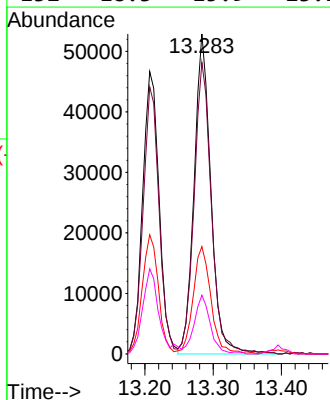
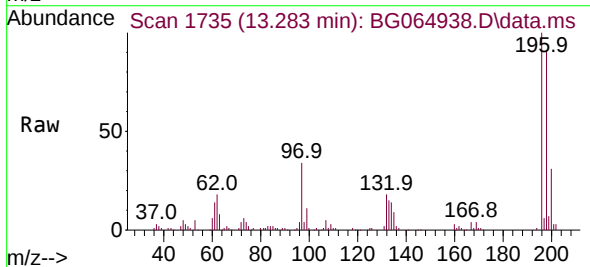
Manual Integrations
APPROVED

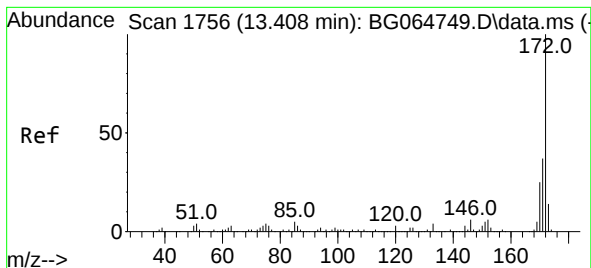
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#44
2,4,5-Trichlorophenol
Concen: 53.991 ng
RT: 13.283 min Scan# 1735
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

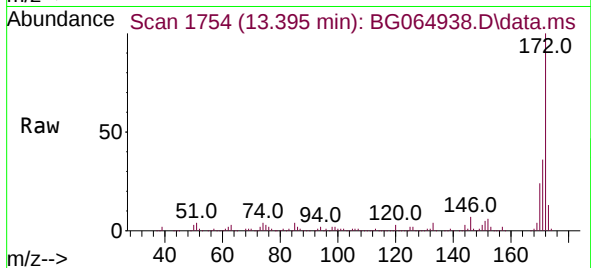
Tgt Ion:196 Resp: 90410
Ion Ratio Lower Upper
196 100
198 91.1 73.2 109.8
97 33.5 31.4 47.0
132 18.3 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 84.584 ng
RT: 13.395 min Scan# 1754
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

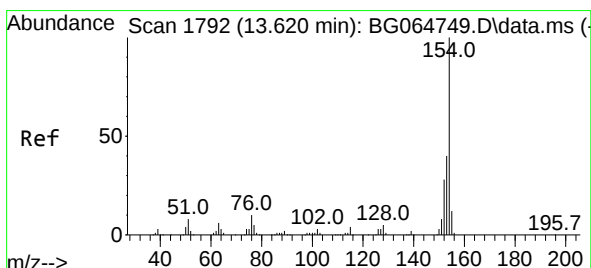
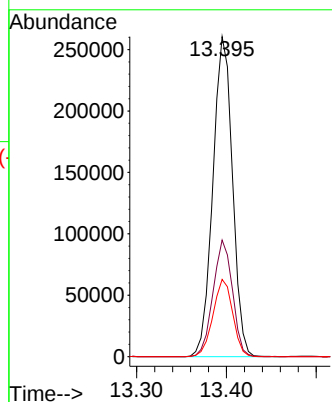
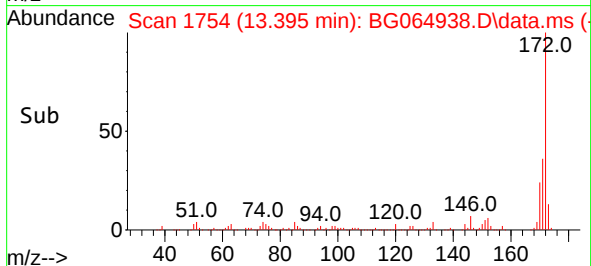
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



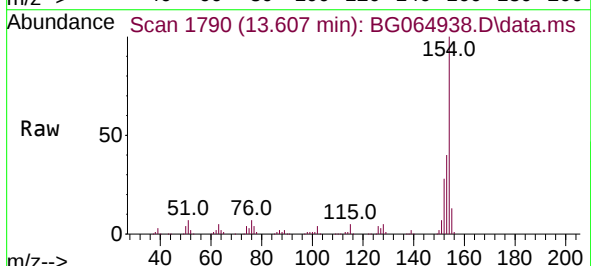
Tgt Ion:172 Resp: 396241
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.1 19.8 29.6

Manual Integrations
APPROVED

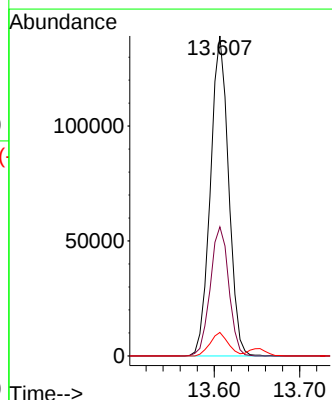
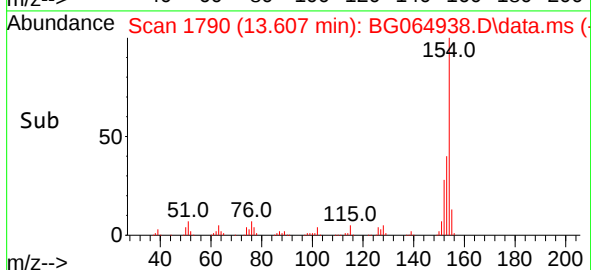
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

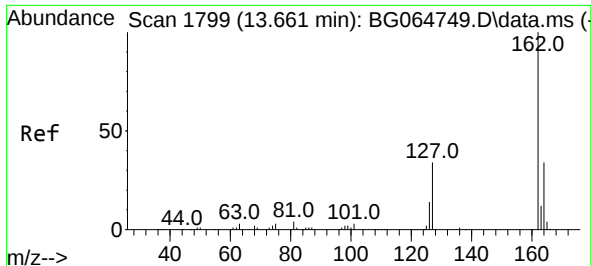


#46
1,1'-Biphenyl
Concen: 43.811 ng
RT: 13.607 min Scan# 1790
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



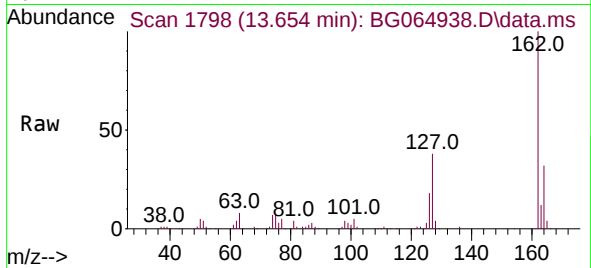
Tgt Ion:154 Resp: 205685
Ion Ratio Lower Upper
154 100
153 40.3 19.8 59.8
76 7.3 0.0 30.0





#47
2-Chloronaphthalene
Concen: 43.121 ng
RT: 13.654 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

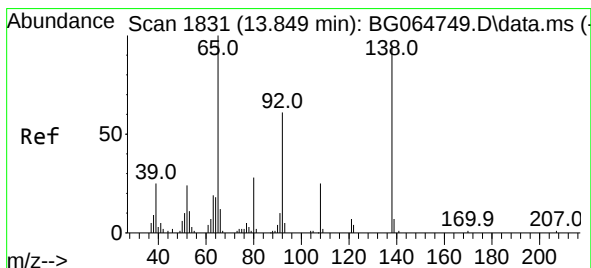
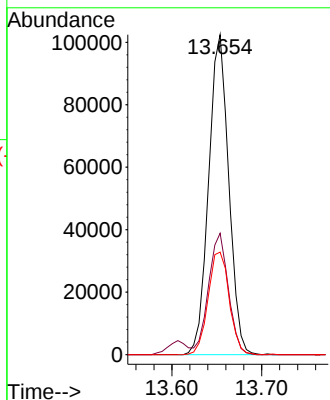
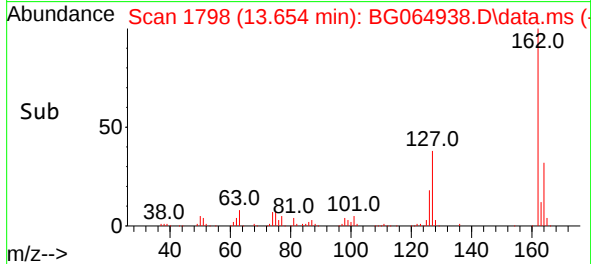
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:162 Resp: 159492
Ion Ratio Lower Upper
162 100
127 37.9 30.3 45.5
164 32.0 26.8 40.2

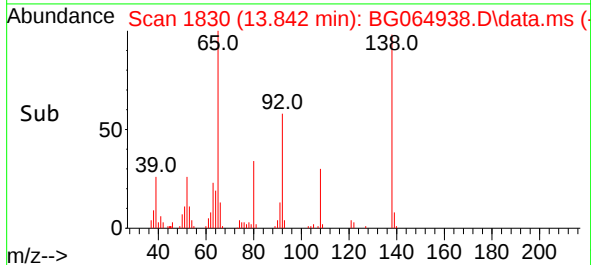
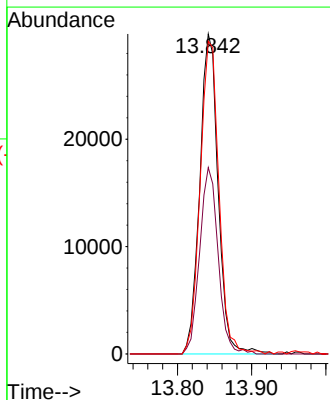
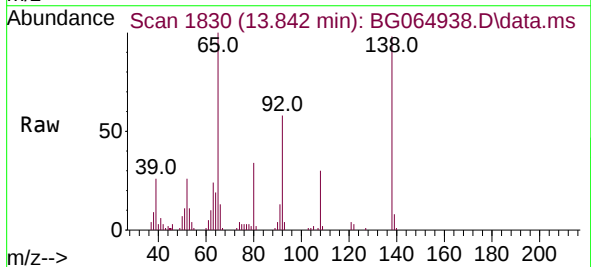
Manual Integrations
APPROVED

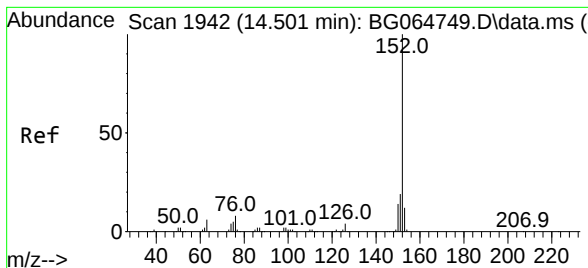
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#48
2-Nitroaniline
Concen: 43.141 ng
RT: 13.842 min Scan# 1830
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion: 65 Resp: 51323
Ion Ratio Lower Upper
65 100
92 58.2 48.6 73.0
138 97.7 76.4 114.6





#49

Acenaphthylene

Concen: 45.104 ng

RT: 14.494 min Scan# 1942

Delta R.T. -0.007 min

Lab File: BG064938.D

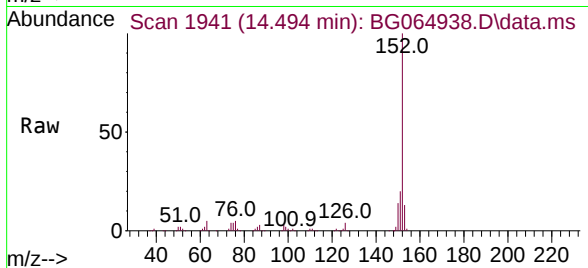
Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

ClientSampleId :

TP-5MSD



Tgt Ion:152 Resp: 285010

Ion Ratio Lower Upper

152 100

151 19.7 15.0 22.4

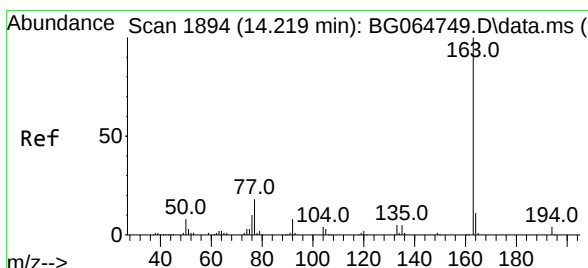
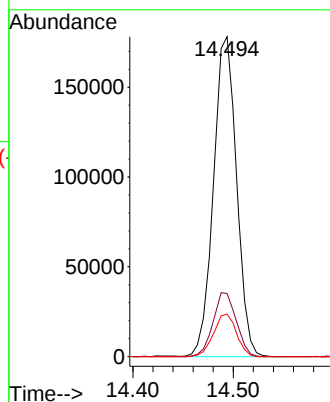
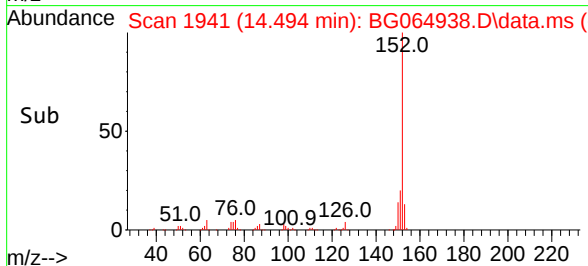
153 13.3 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#50

Dimethylphthalate

Concen: 47.952 ng

RT: 14.212 min Scan# 1893

Delta R.T. -0.007 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

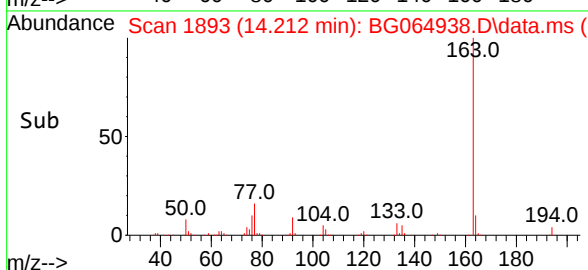
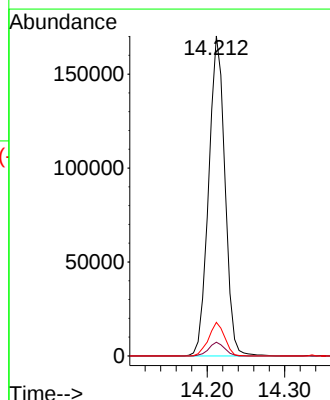
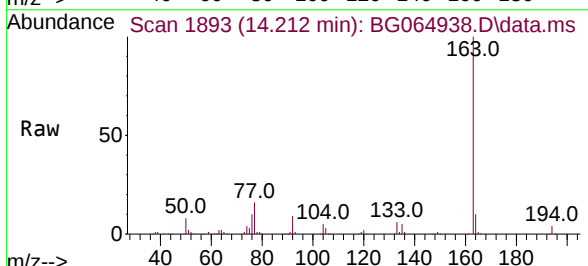
Tgt Ion:163 Resp: 247598

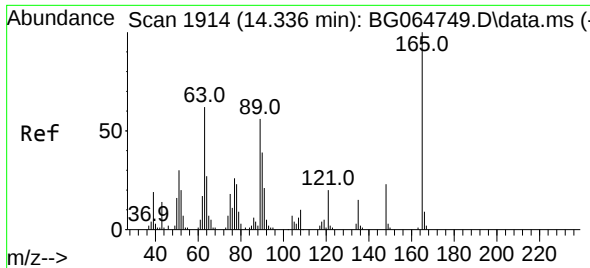
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.5 8.6 12.8





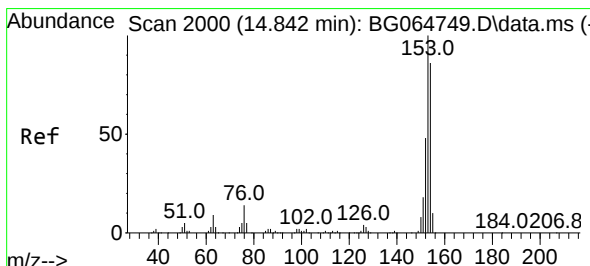
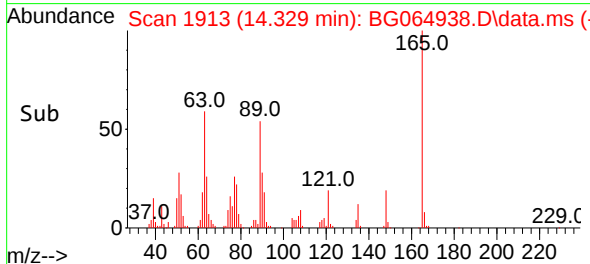
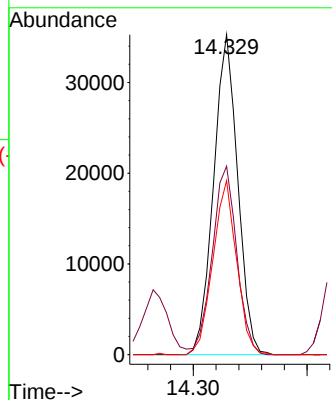
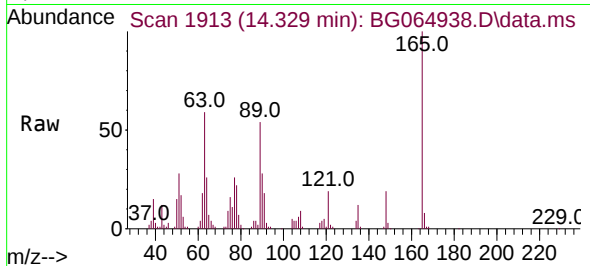
#51
2,6-Dinitrotoluene
Concen: 52.239 ng
RT: 14.329 min Scan# 1914
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:165 Resp: 51904
Ion Ratio Lower Upper
165 100
63 58.9 49.8 74.8
89 54.4 45.0 67.4

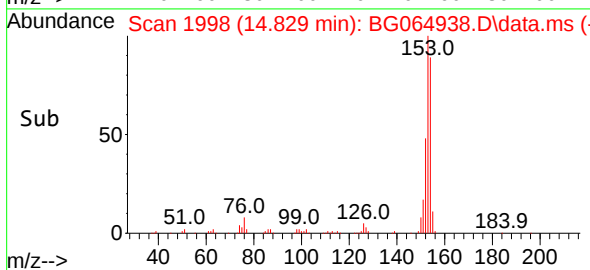
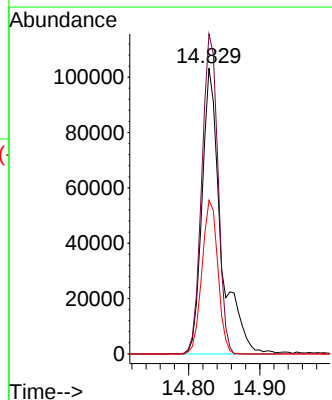
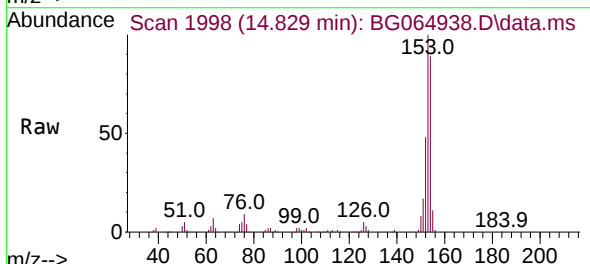
Manual Integrations
APPROVED

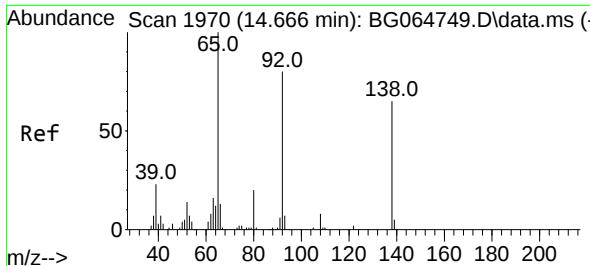
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#52
Acenaphthene
Concen: 50.313 ng
RT: 14.829 min Scan# 1998
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

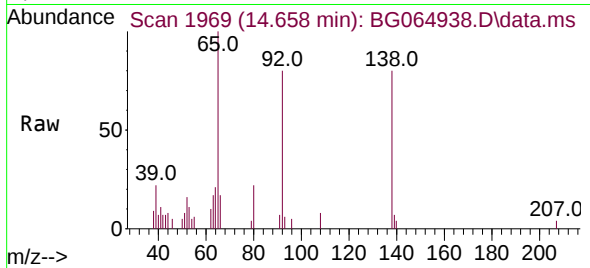
Tgt Ion:154 Resp: 190622
Ion Ratio Lower Upper
154 100
153 112.0 93.0 139.4
152 53.7 44.4 66.6





#53
3-Nitroaniline
Concen: 6.453 ng
RT: 14.658 min Scan# 1970
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

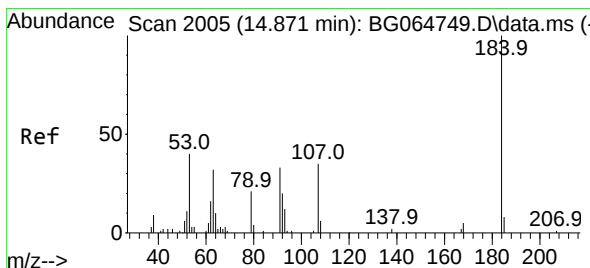
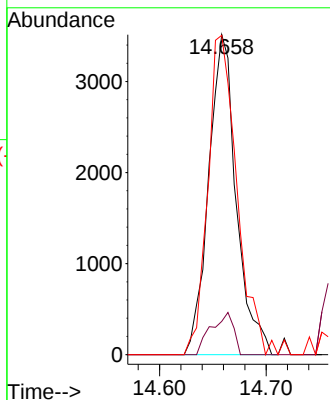
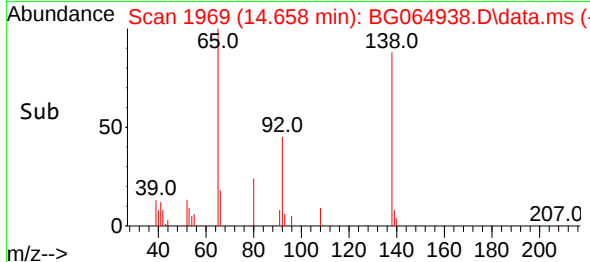
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:138 Resp: 6328
Ion Ratio Lower Upper
138 100
108 10.4 9.5 14.3
92 99.8 99.0 148.4

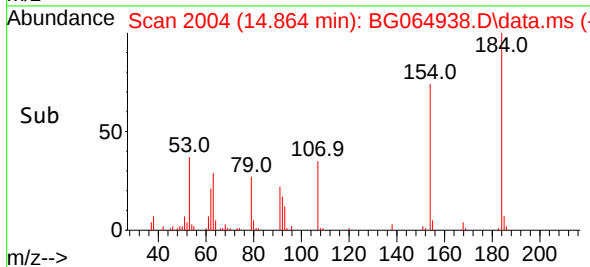
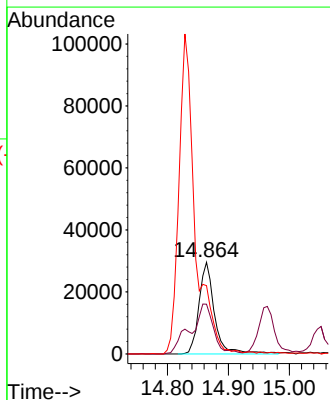
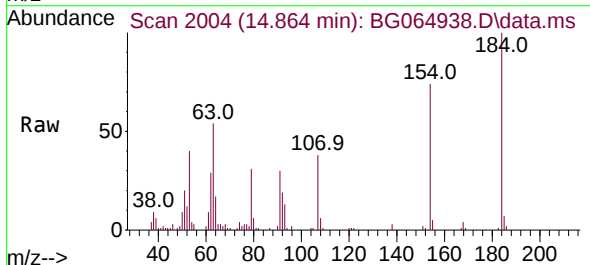
Manual Integrations
APPROVED

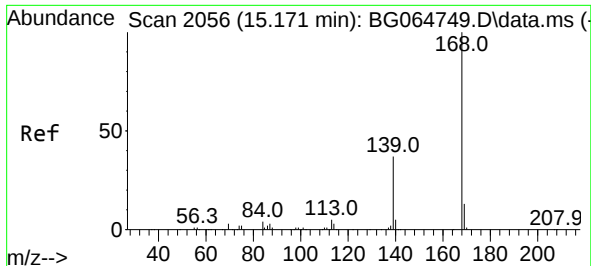
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#54
2,4-Dinitrophenol
Concen: 76.769 ng
RT: 14.864 min Scan# 2004
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

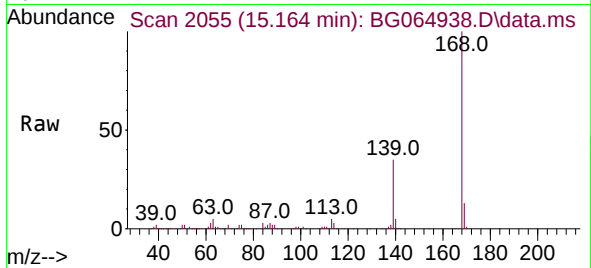
Tgt Ion:184 Resp: 51985
Ion Ratio Lower Upper
184 100
63 54.2 45.8 68.6
154 74.4 52.6 78.8





#55
Dibenzenofuran
Concen: 47.111 ng
RT: 15.164 min Scan# 2055
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

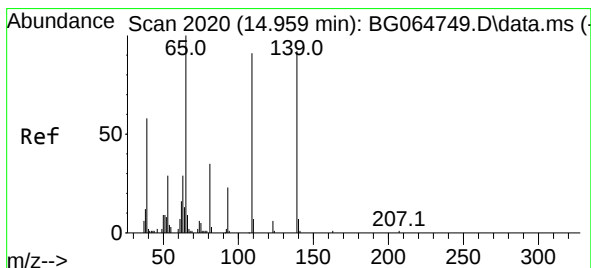
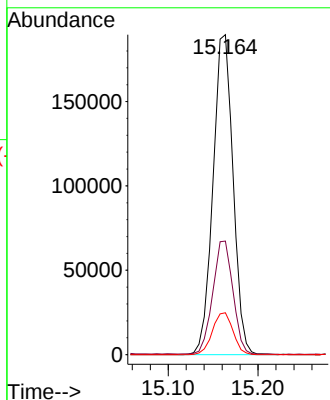
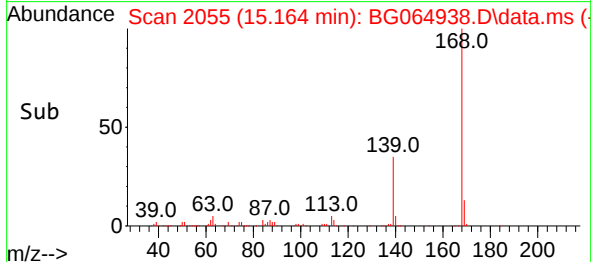
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:168 Resp: 295085
Ion Ratio Lower Upper
168 100
139 35.5 29.5 44.3
169 13.1 10.4 15.6

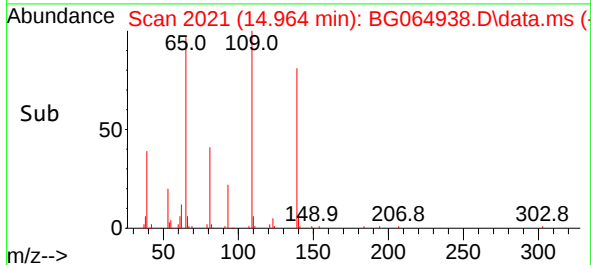
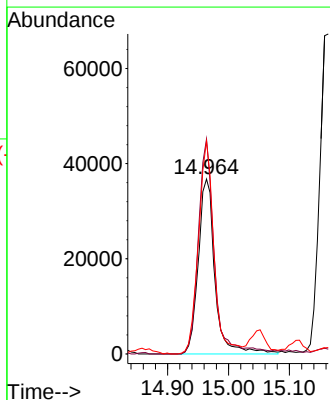
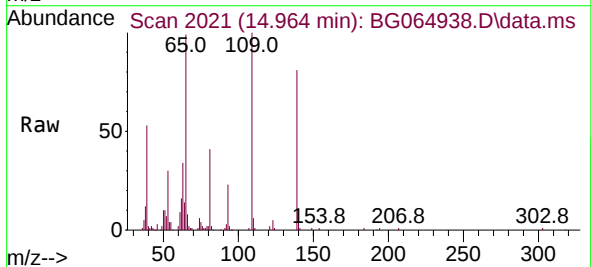
Manual Integrations
APPROVED

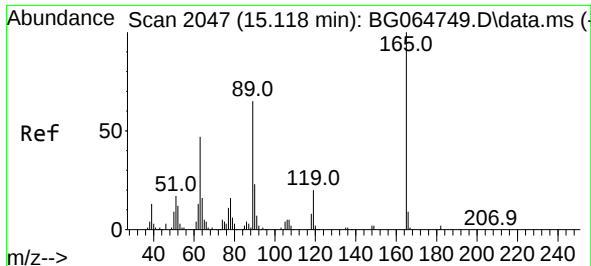
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#56
4-Nitrophenol
Concen: 89.533 ng
RT: 14.964 min Scan# 2021
Delta R.T. 0.005 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion:139 Resp: 69661
Ion Ratio Lower Upper
139 100
109 122.9 79.7 119.7#
65 121.9 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 50.811 ng
RT: 15.111 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

ClientSampleId :

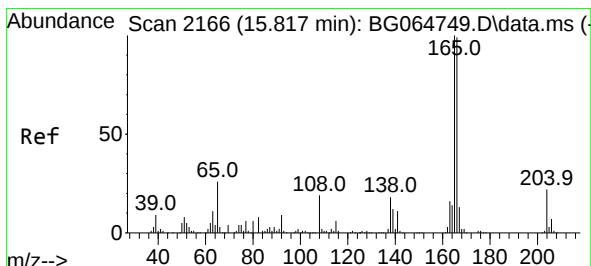
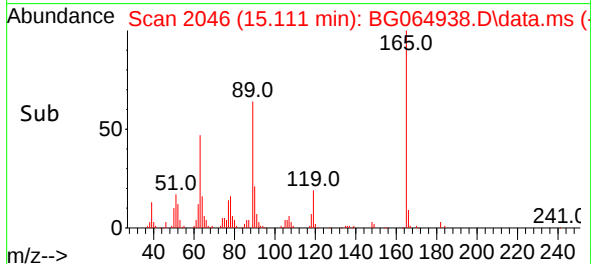
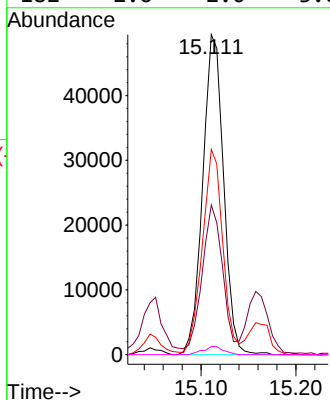
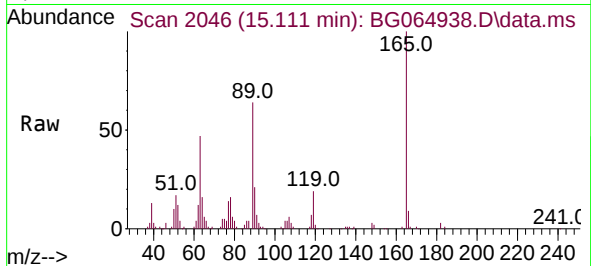
TP-5MSD

Tgt Ion:165 Resp: 75686
Ion Ratio Lower Upper
165 100
63 46.8 37.8 56.6
89 64.1 51.6 77.4
182 2.6 2.0 3.0

Manual Integrations

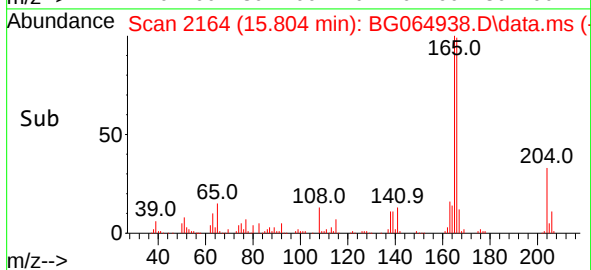
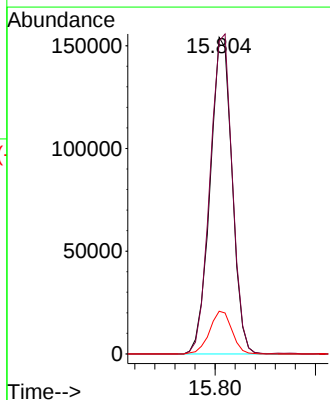
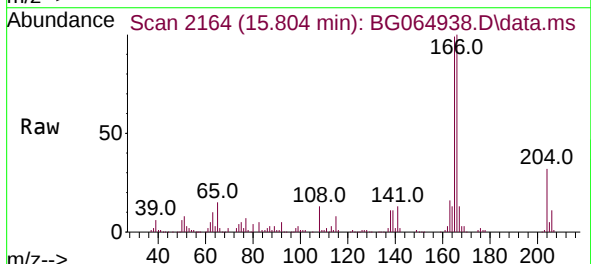
APPROVED

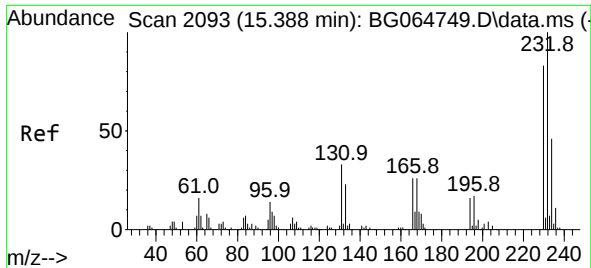
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#58
Fluorene
Concen: 47.695 ng
RT: 15.804 min Scan# 2164
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion:166 Resp: 234305
Ion Ratio Lower Upper
166 100
165 98.8 80.5 120.7
167 13.5 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.970 ng
RT: 15.381 min Scan# 2093
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

ClientSampleId :

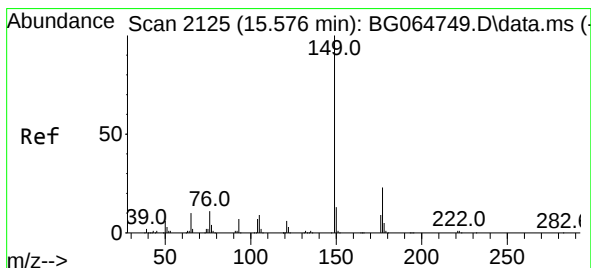
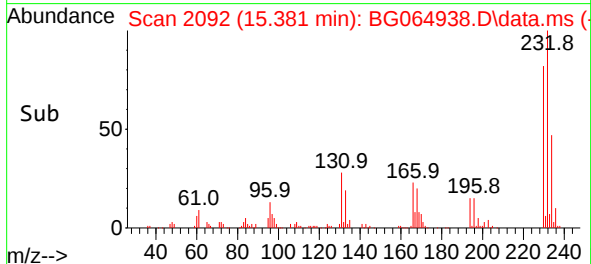
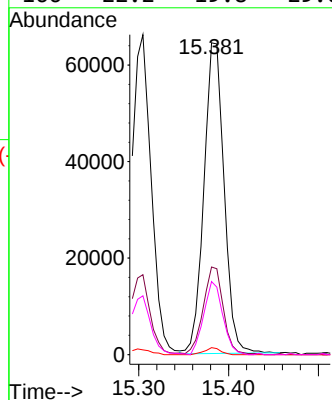
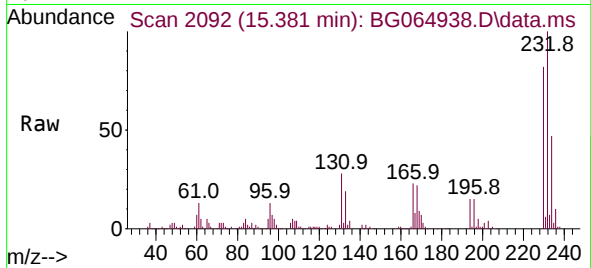
TP-5MSD

Tgt Ion:232 Resp: 100733
Ion Ratio Lower Upper
232 100
131 28.2 26.0 39.0
130 1.7 1.6 2.4
166 22.2 19.8 29.6

Manual Integrations

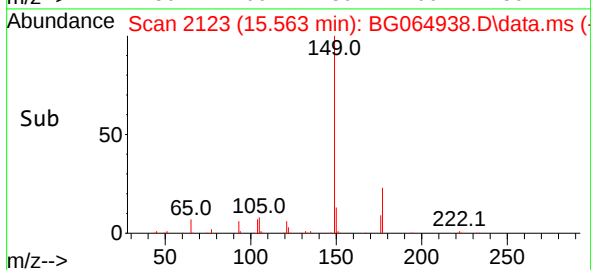
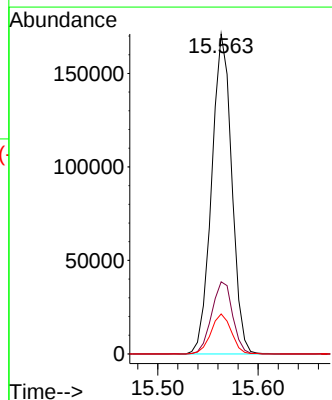
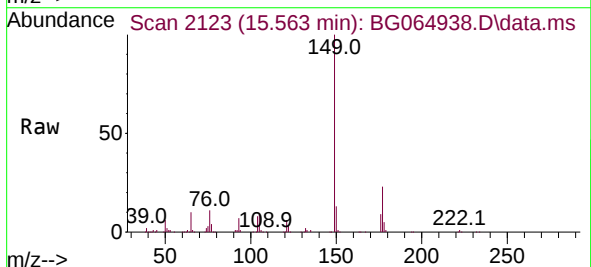
APPROVED

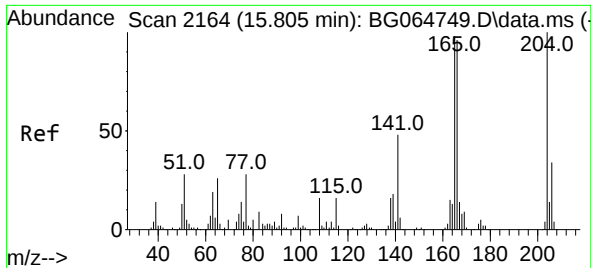
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#60
Diethylphthalate
Concen: 48.146 ng
RT: 15.563 min Scan# 2123
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

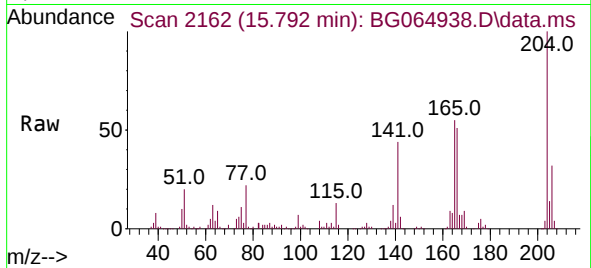
Tgt Ion:149 Resp: 238151
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 52.214 ng
RT: 15.792 min Scan# 2162
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

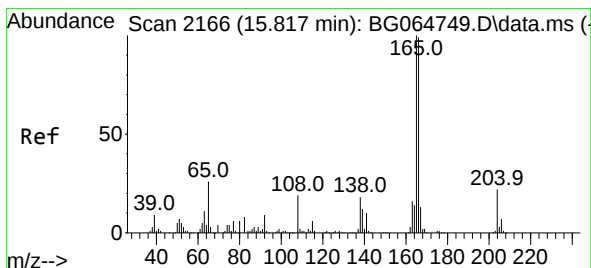
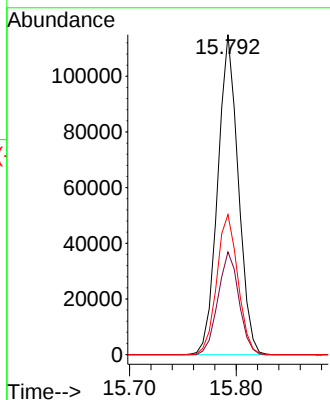
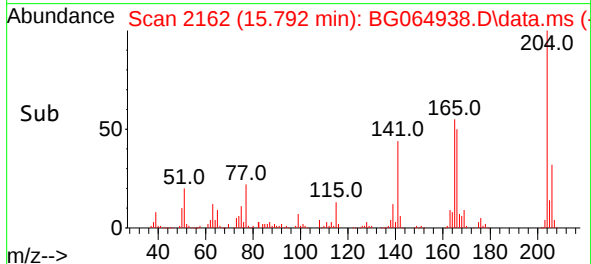
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



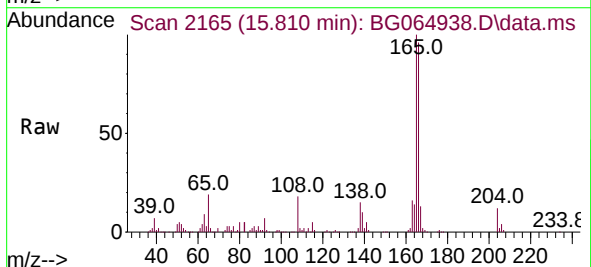
Tgt Ion:204 Resp: 153940
Ion Ratio Lower Upper
204 100
206 32.1 26.9 40.3
141 43.8 38.1 57.1

Manual Integrations
APPROVED

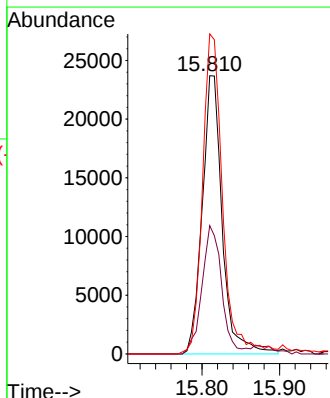
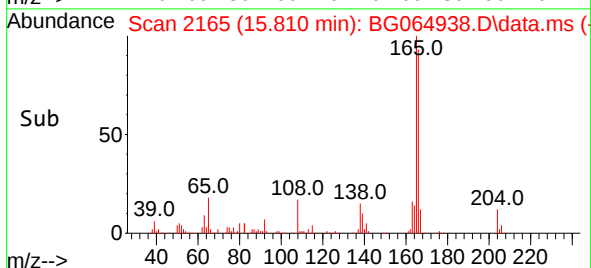
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

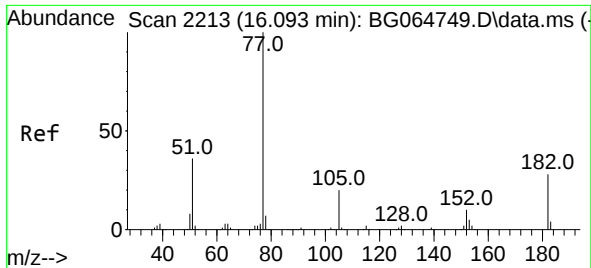


#62
4-Nitroaniline
Concen: 41.793 ng
RT: 15.810 min Scan# 2165
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



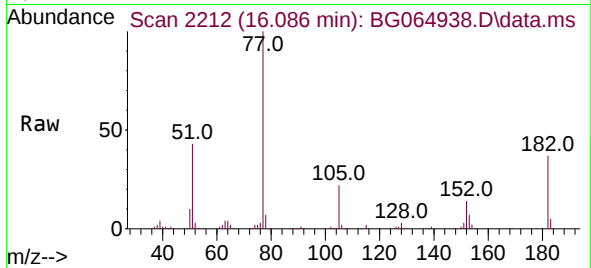
Tgt Ion:138 Resp: 42458
Ion Ratio Lower Upper
138 100
92 46.1 30.7 70.7
108 115.0 85.7 125.7





#63
Azobenzene
Concen: 40.799 ng
RT: 16.086 min Scan# 2213
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

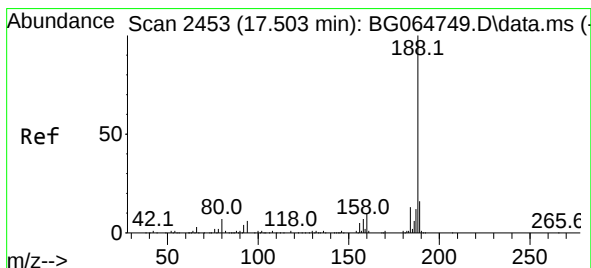
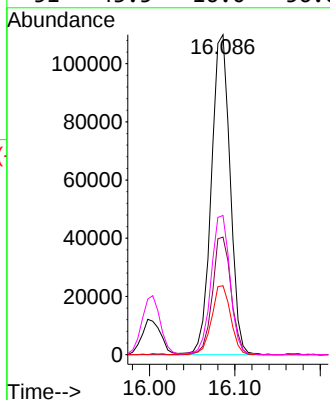
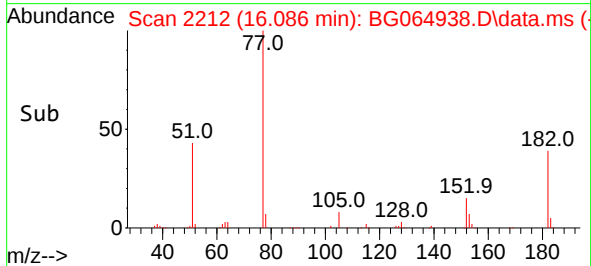
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



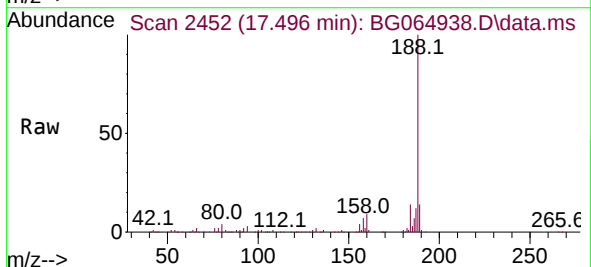
Tgt Ion: 77 Resp: 167856
Ion Ratio Lower Upper
77 100
182 36.7 8.1 48.1
105 21.5 0.1 40.1
51 43.5 16.0 56.0

Manual Integrations
APPROVED

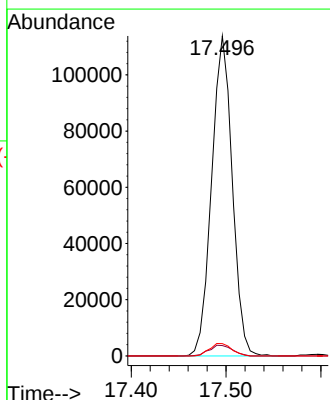
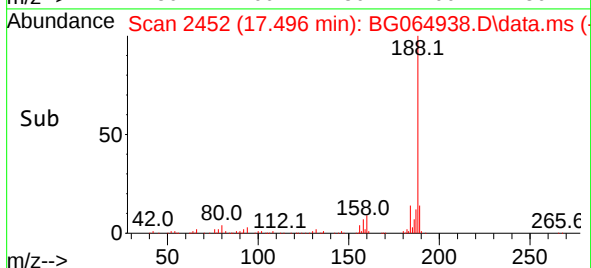
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

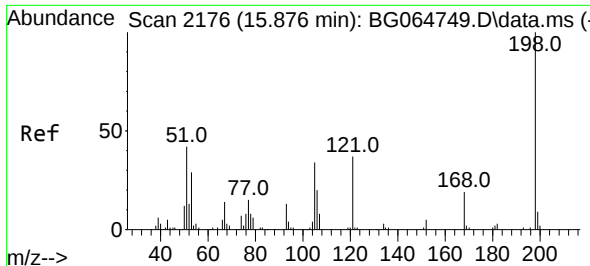


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.496 min Scan# 2452
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



Tgt Ion:188 Resp: 171791
Ion Ratio Lower Upper
188 100
94 3.2 4.7 7.1#
80 3.8 5.4 8.2#





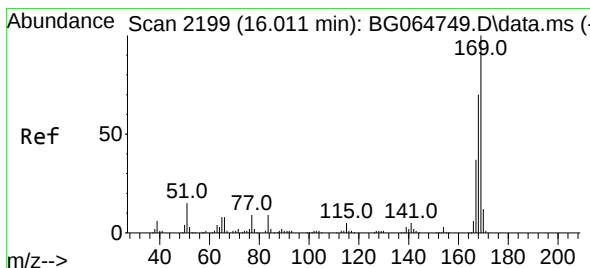
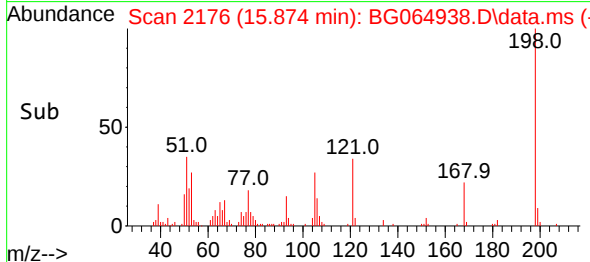
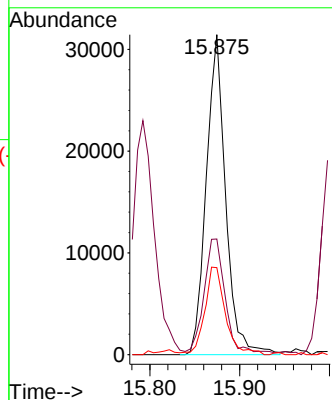
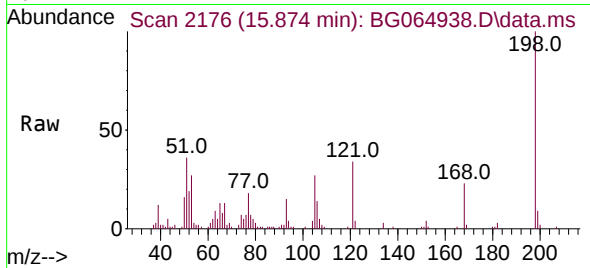
#65
4,6-Dinitro-2-methylphenol
Concen: 49.423 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.001 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:198 Resp: 47141
Ion Ratio Lower Upper
198 100
51 36.1 25.2 65.2
105 27.2 14.2 54.2

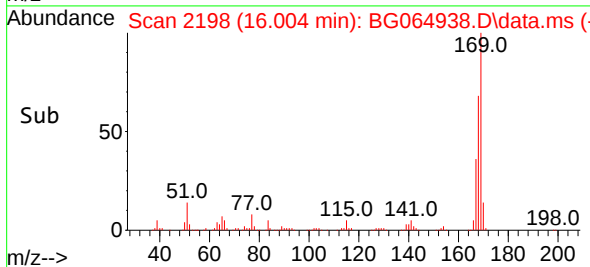
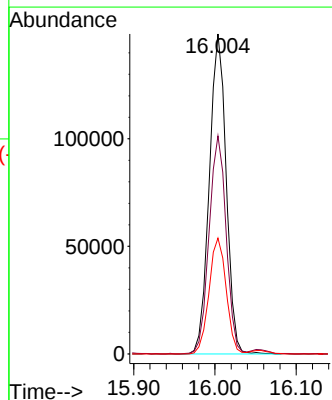
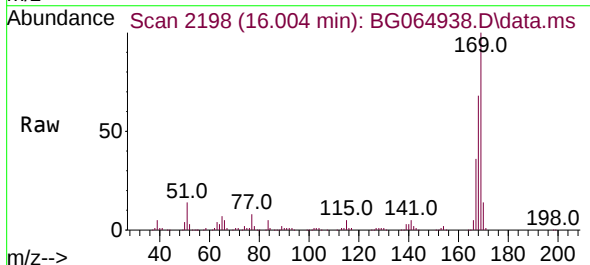
Manual Integrations
APPROVED

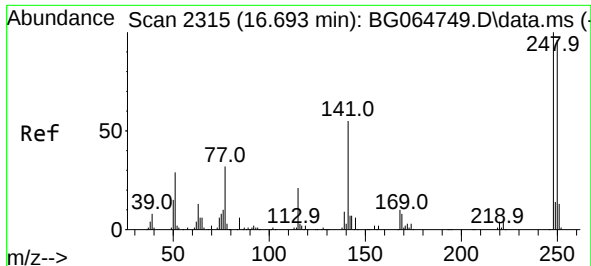
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#66
n-Nitrosodiphenylamine
Concen: 47.753 ng
RT: 16.004 min Scan# 2198
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

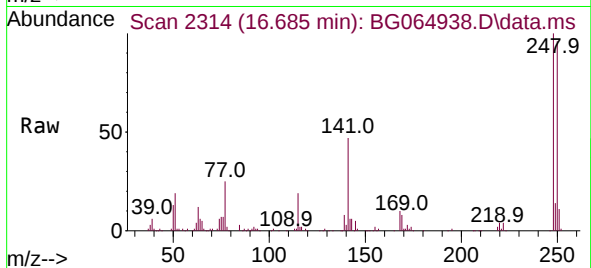
Tgt Ion:169 Resp: 214876
Ion Ratio Lower Upper
169 100
168 68.1 55.9 83.9
167 36.2 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 54.224 ng
RT: 16.685 min Scan# 2314
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

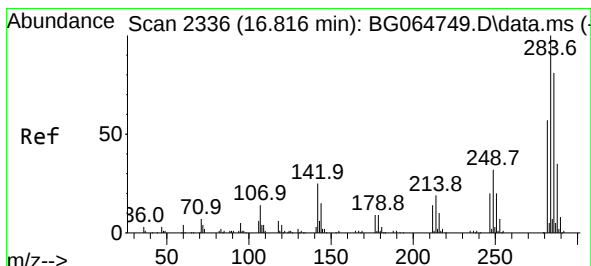
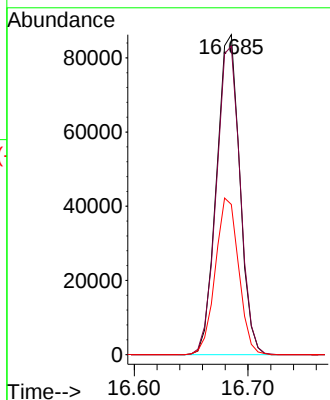
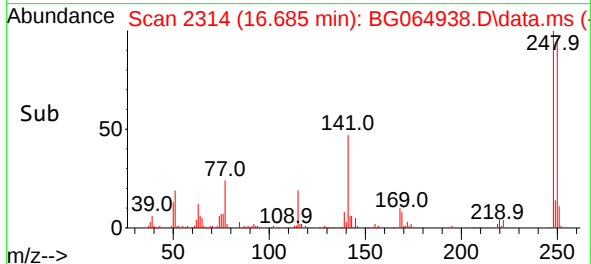
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



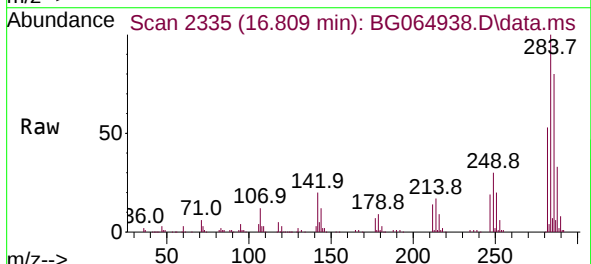
Tgt Ion:248 Resp: 122336
Ion Ratio Lower Upper
248 100
250 96.4 77.0 115.6
141 46.9 43.7 65.5

Manual Integrations
APPROVED

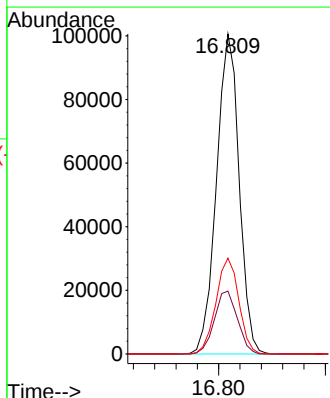
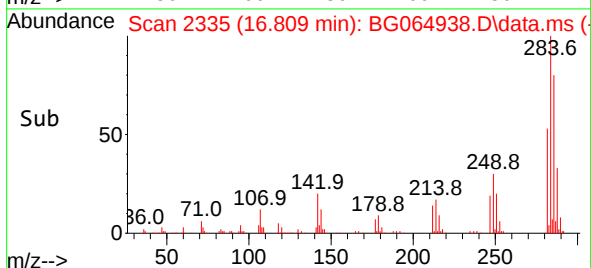
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

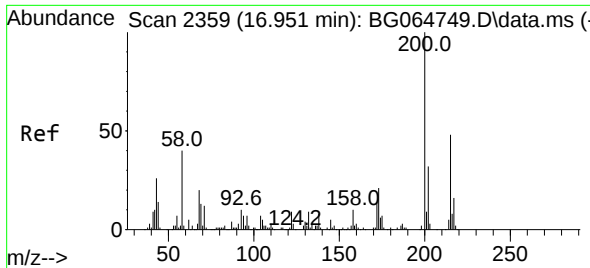


#68
Hexachlorobenzene
Concen: 54.270 ng
RT: 16.809 min Scan# 2335
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



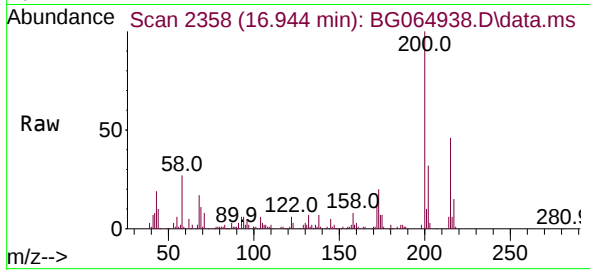
Tgt Ion:284 Resp: 148334
Ion Ratio Lower Upper
284 100
142 19.6 19.7 29.5#
249 29.9 28.1 42.1





#69
Atrazine
Concen: 42.573 ng
RT: 16.944 min Scan# 2358
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

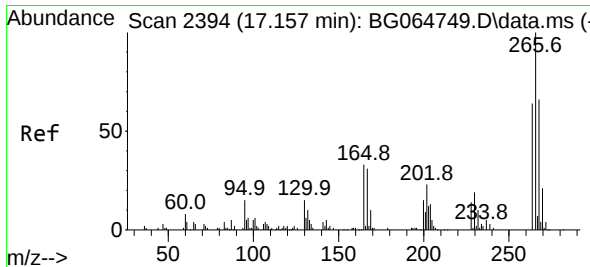
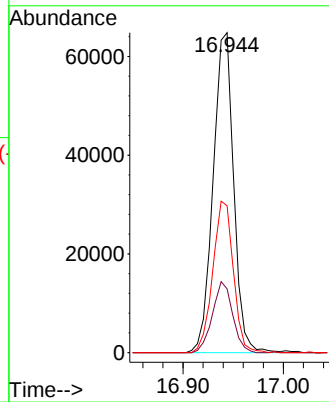
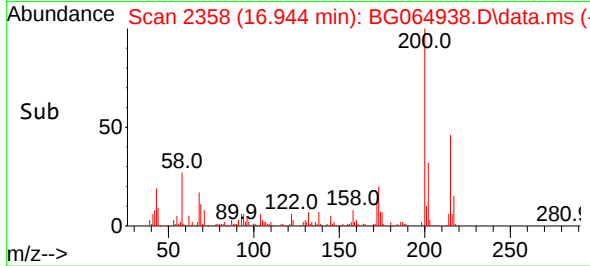
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



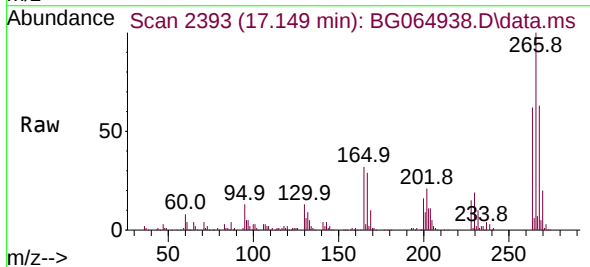
Tgt Ion:200 Resp: 92361
Ion Ratio Lower Upper
200 100
173 19.9 0.9 40.9
215 45.9 27.5 67.5

Manual Integrations
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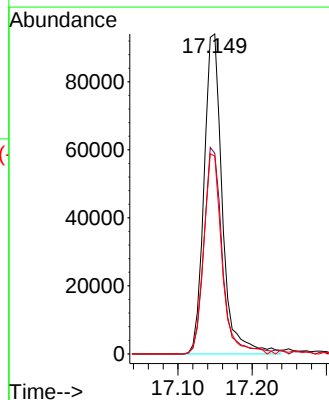
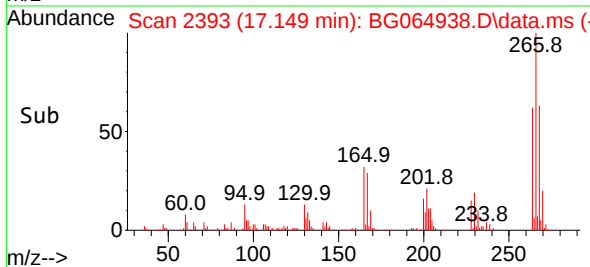
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

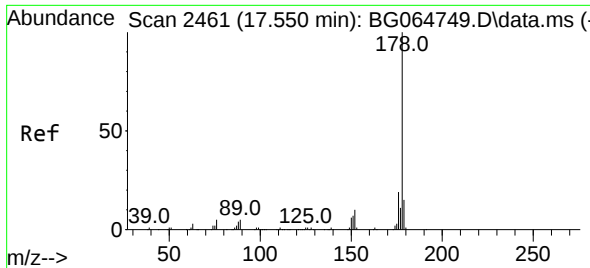


#70
Pentachlorophenol
Concen: 97.967 ng
RT: 17.149 min Scan# 2393
Delta R.T. -0.008 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



Tgt Ion:266 Resp: 160875
Ion Ratio Lower Upper
266 100
268 67.5 56.1 84.1
264 61.9 51.2 76.8





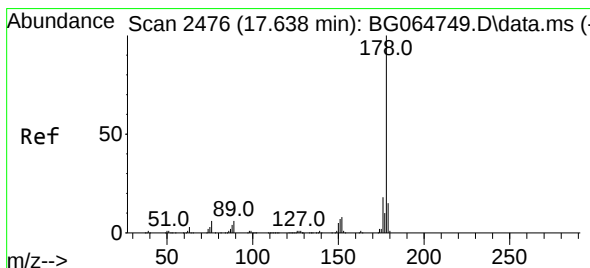
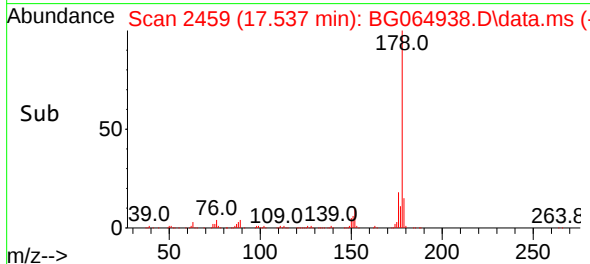
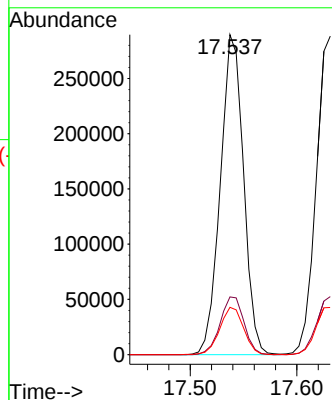
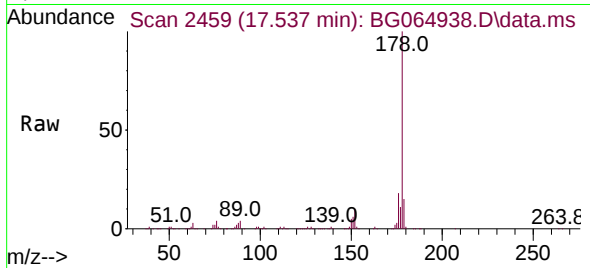
#71
Phenanthrene
Concen: 46.580 ng
RT: 17.537 min Scan# 2461
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:178 Resp: 437819
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 14.8 12.2 18.4

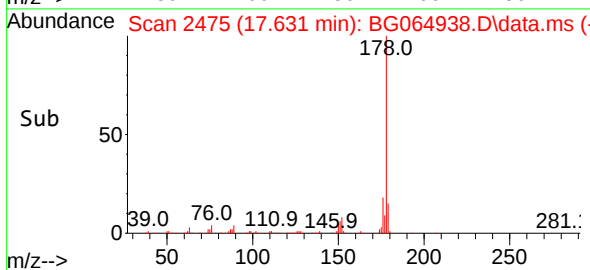
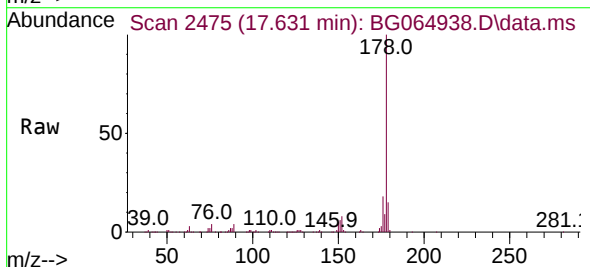
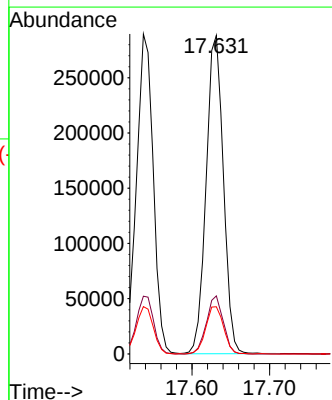
Manual Integrations
APPROVED

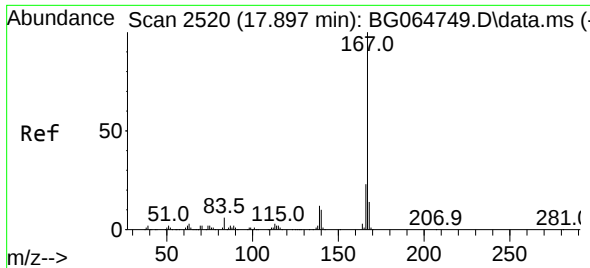
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#72
Anthracene
Concen: 46.424 ng
RT: 17.631 min Scan# 2475
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion:178 Resp: 444938
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 14.8 12.2 18.4





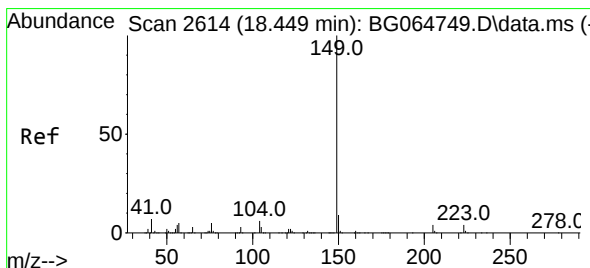
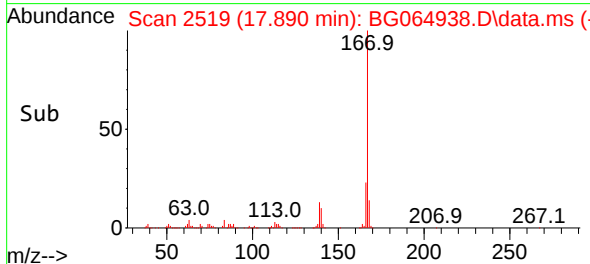
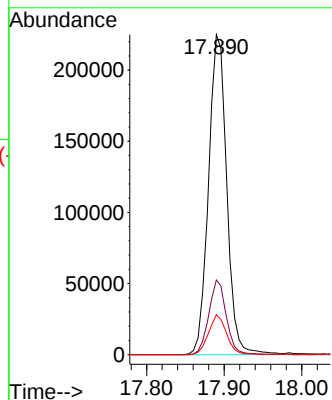
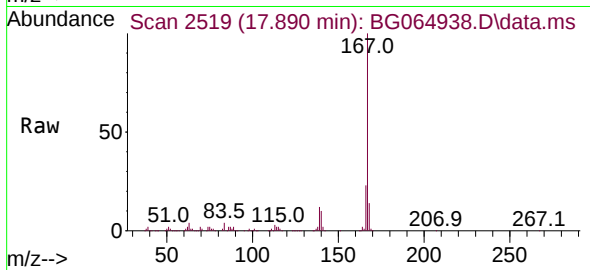
#73
 Carbazole
 Concen: 44.532 ng
 RT: 17.890 min Scan# 2519
 Delta R.T. -0.007 min
 Lab File: BG064938.D
 Acq: 11 Dec 2025 17:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD

Tgt Ion:167 Resp: 366909
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 12.5 9.7 14.5

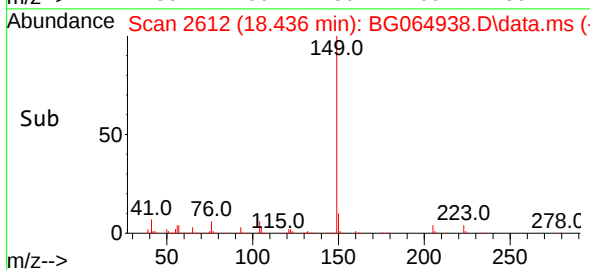
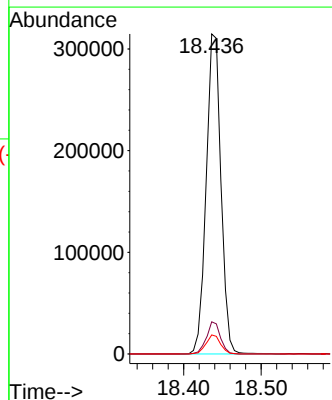
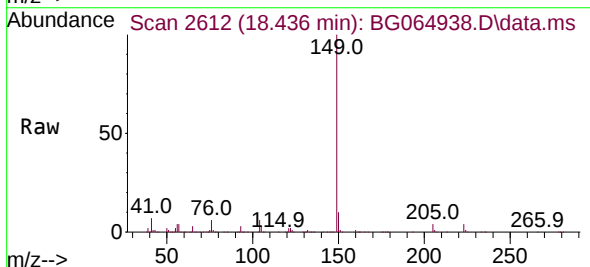
Manual Integrations
 APPROVED

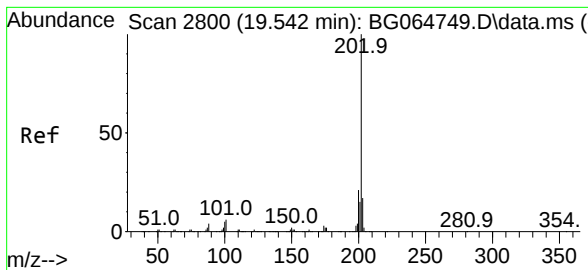
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025



#74
 Di-n-butylphthalate
 Concen: 45.221 ng
 RT: 18.436 min Scan# 2612
 Delta R.T. -0.013 min
 Lab File: BG064938.D
 Acq: 11 Dec 2025 17:35

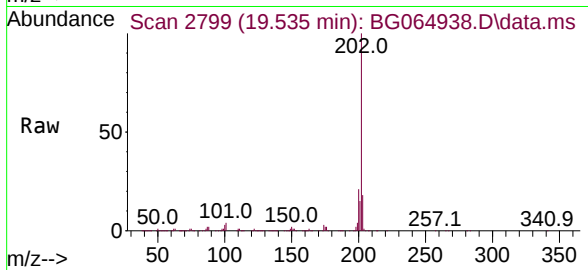
Tgt Ion:149 Resp: 415672
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.5 11.3
 104 5.9 4.4 6.6





#75
Fluoranthene
Concen: 43.989 ng
RT: 19.535 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

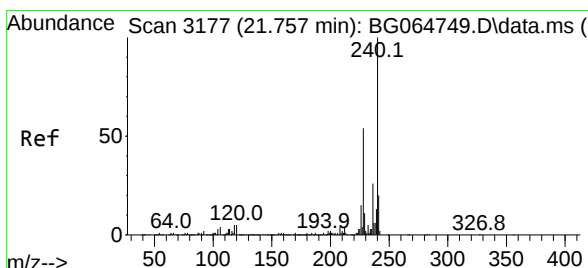
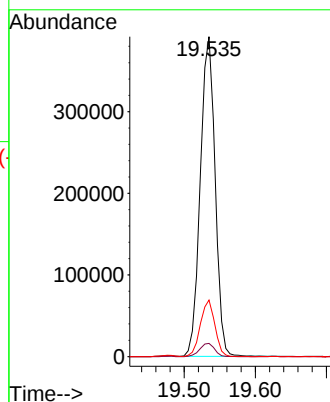
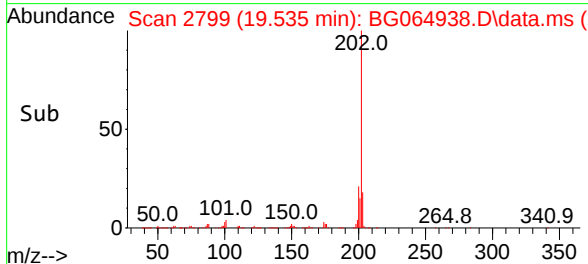
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:202 Resp: 565393
Ion Ratio Lower Upper
202 100
101 4.1 0.0 26.4
203 17.7 0.0 37.5

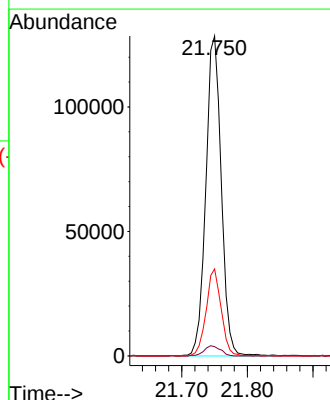
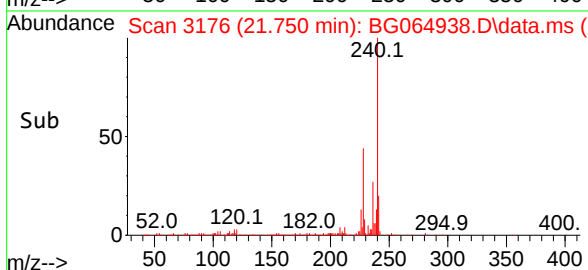
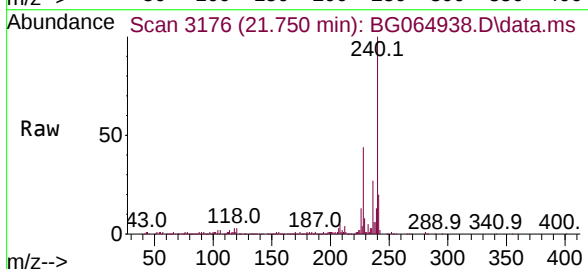
Manual Integrations
APPROVED

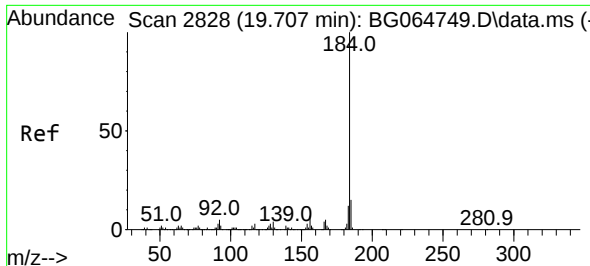
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion:240 Resp: 209105
Ion Ratio Lower Upper
240 100
120 2.9 4.2 6.4#
236 27.2 20.8 31.2





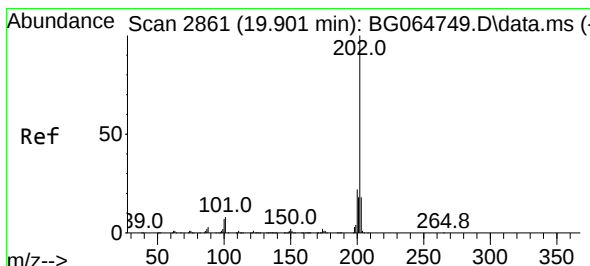
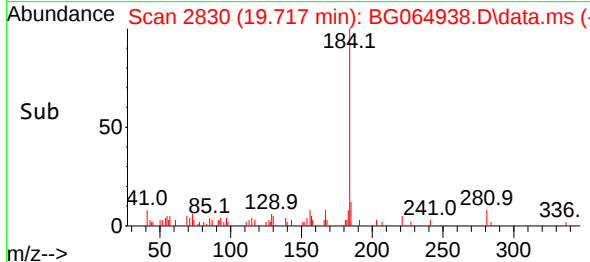
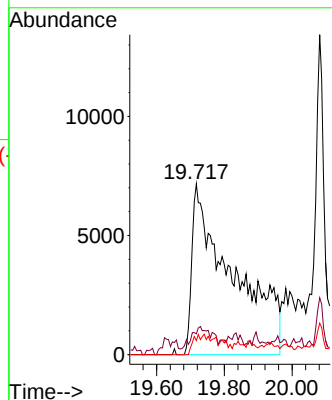
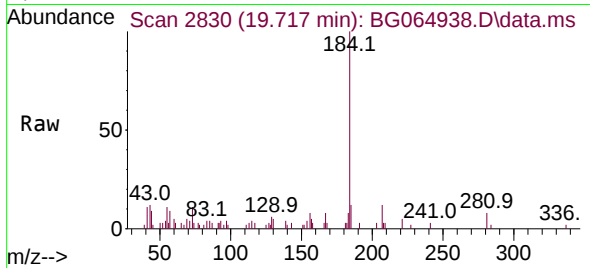
#77
Benzidine
Concen: 9.456 ng m
RT: 19.717 min Scan# 2828
Delta R.T. 0.010 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Instrument :
BNA_G
ClientSampleId :
TP-5MSD

Tgt Ion:184 Resp: 59220
Ion Ratio Lower Upper
184 100
185 12.1 11.8 17.6
183 8.2 9.8 14.6

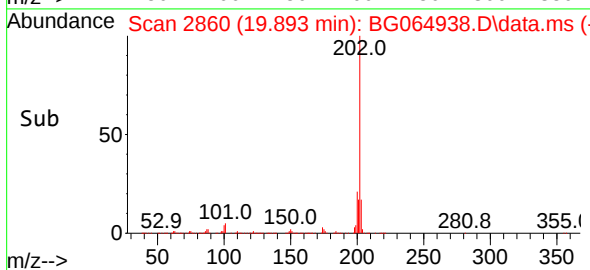
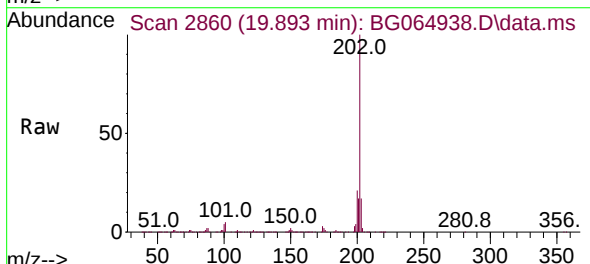
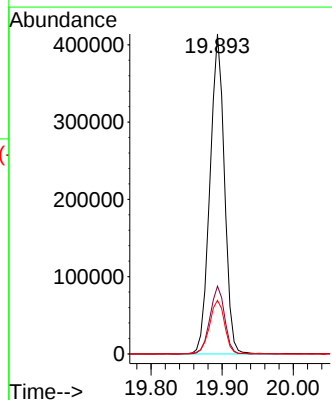
Manual Integrations
APPROVED

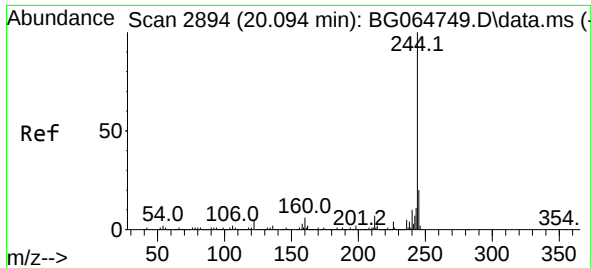
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#78
Pyrene
Concen: 49.780 ng
RT: 19.893 min Scan# 2860
Delta R.T. -0.007 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

Tgt Ion:202 Resp: 583394
Ion Ratio Lower Upper
202 100
200 21.2 17.9 26.9
203 16.8 14.0 21.0





#79
 Terphenyl-d14
 Concen: 99.072 ng
 RT: 20.081 min Scan# 2894
 Delta R.T. -0.013 min
 Lab File: BG064938.D
 Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

ClientSampleId :

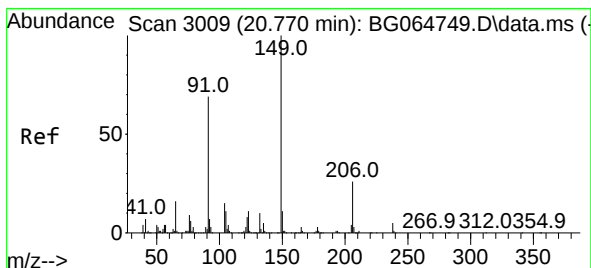
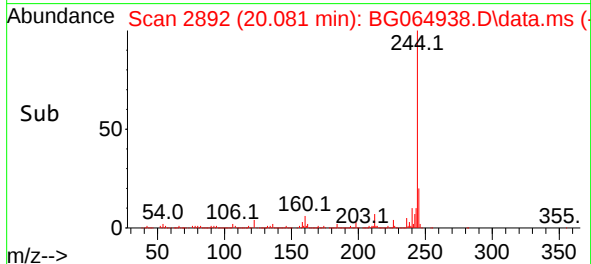
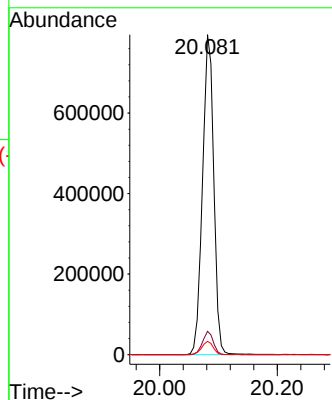
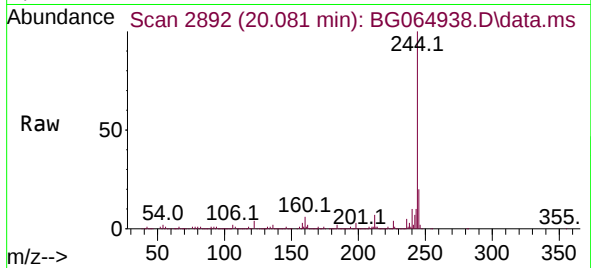
TP-5MSD

Tgt Ion:244 Resp: 1053146
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 4.2 4.3 6.5

Manual Integrations

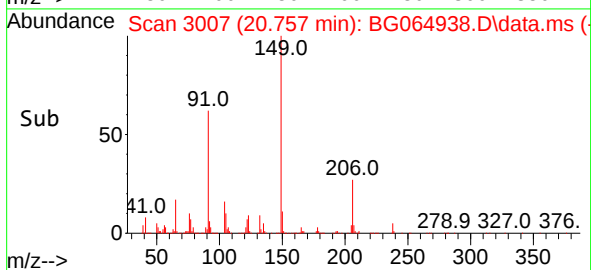
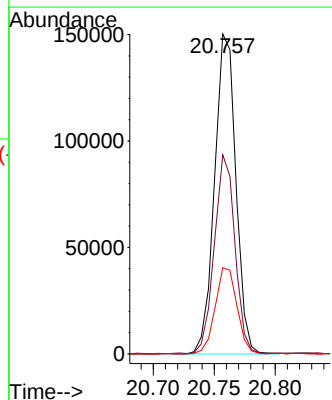
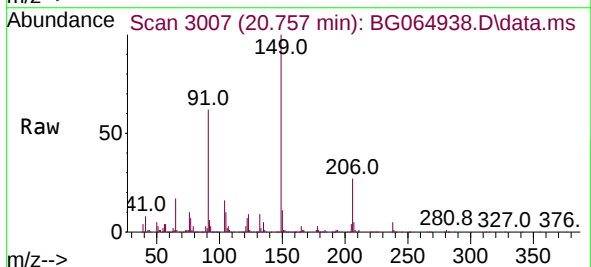
APPROVED

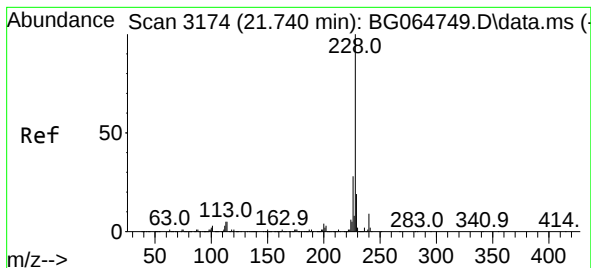
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025



#80
 Butylbenzylphthalate
 Concen: 44.353 ng
 RT: 20.757 min Scan# 3007
 Delta R.T. -0.013 min
 Lab File: BG064938.D
 Acq: 11 Dec 2025 17:35

Tgt Ion:149 Resp: 182831
 Ion Ratio Lower Upper
 149 100
 91 62.2 54.9 82.3
 206 26.9 21.2 31.8





#81

Benzo(a)anthracene

Concen: 46.800 ng

RT: 21.726 min Scan# 3172

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

Tgt Ion:228 Resp: 665418

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

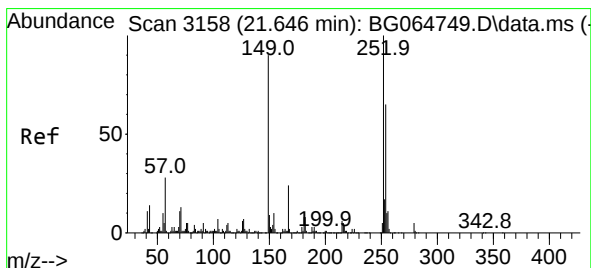
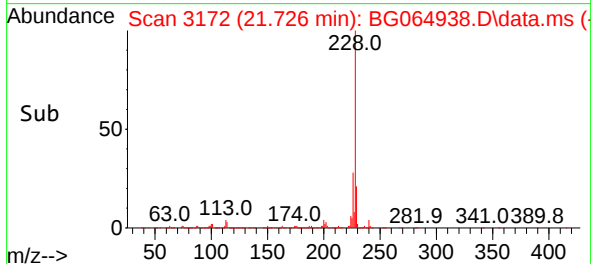
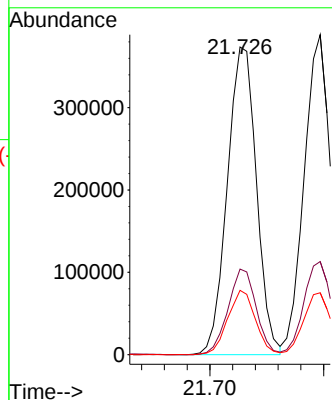
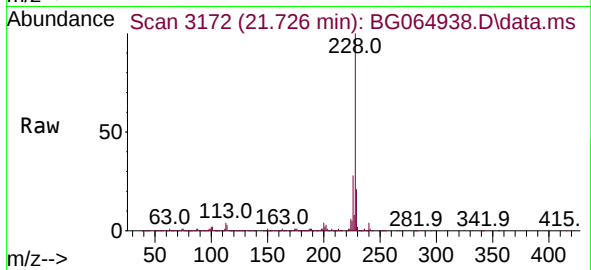
229 20.9 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#82

3,3'-Dichlorobenzidine

Concen: 13.050 ng

RT: 21.632 min Scan# 3156

Delta R.T. -0.013 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

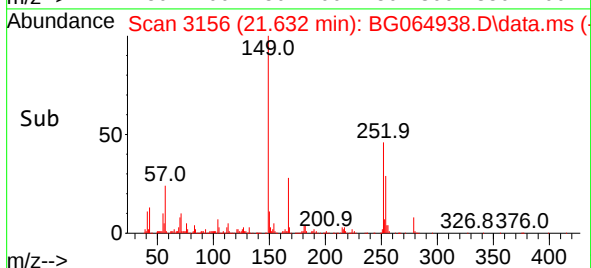
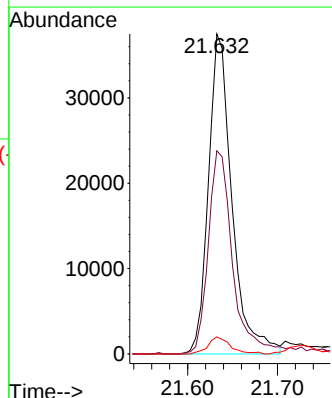
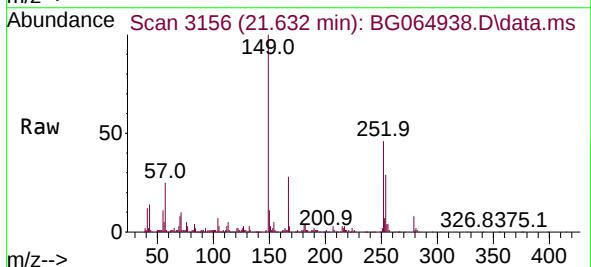
Tgt Ion:252 Resp: 68294

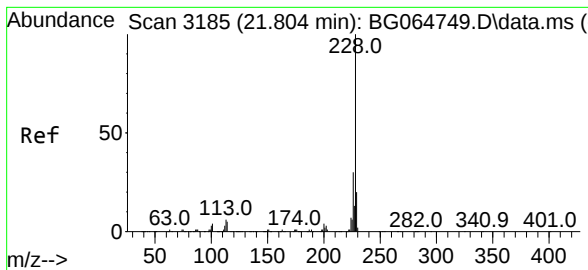
Ion Ratio Lower Upper

252 100

254 63.5 51.8 77.8

126 5.3 4.7 7.1





#83

Chrysene

Concen: 47.614 ng

RT: 21.797 min Scan# 3185

Delta R.T. -0.007 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

Instrument :

BNA_G

ClientSampleId :

TP-5MSD

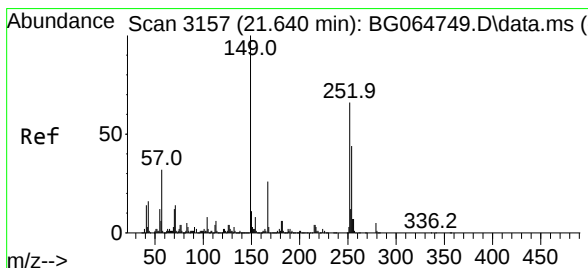
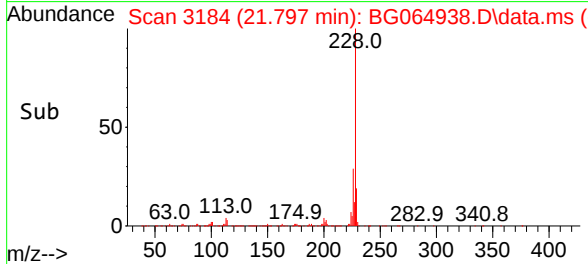
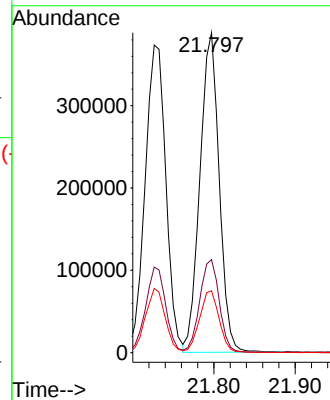
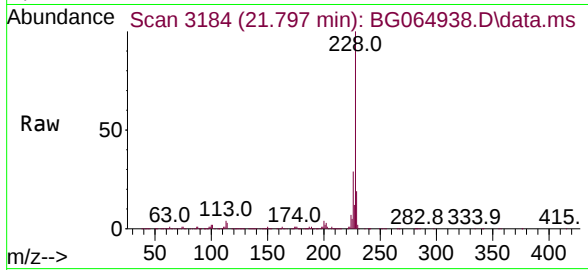
Tgt Ion:228 Resp: 638250
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.2 36.2
 229 19.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.716 ng

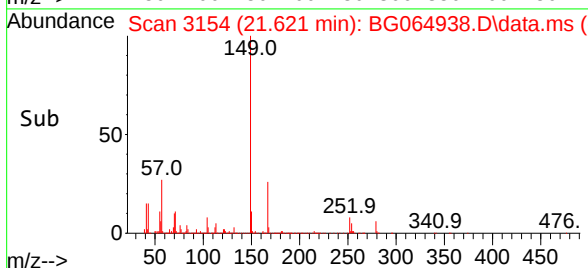
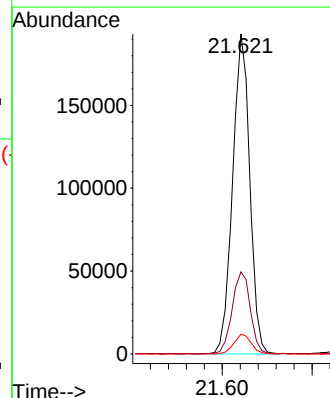
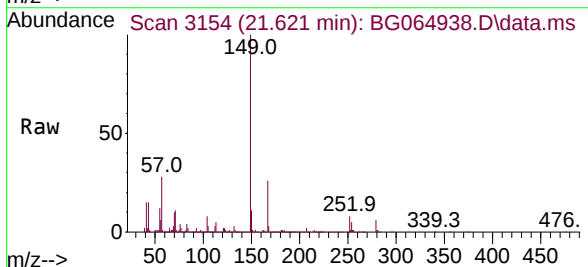
RT: 21.621 min Scan# 3154

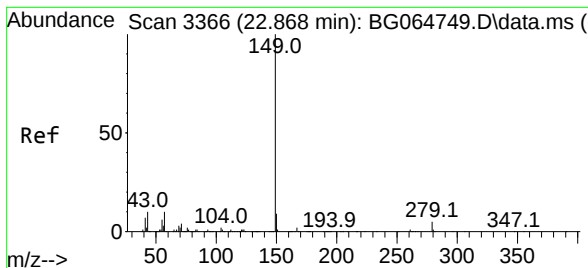
Delta R.T. -0.019 min

Lab File: BG064938.D

Acq: 11 Dec 2025 17:35

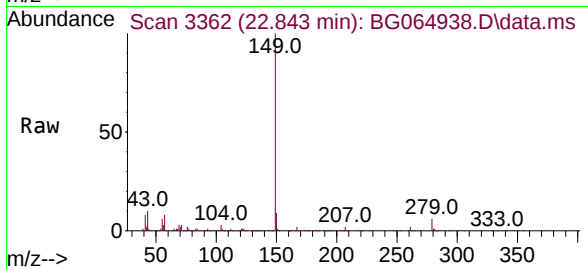
Tgt Ion:149 Resp: 257305
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 6.2 4.1 6.1#





#85
Di-n-octyl phthalate
Concen: 41.381 ng
RT: 22.843 min Scan# 3366
Delta R.T. -0.025 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

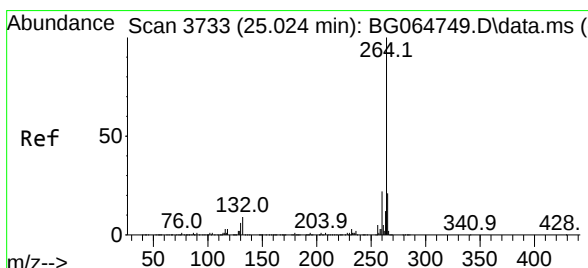
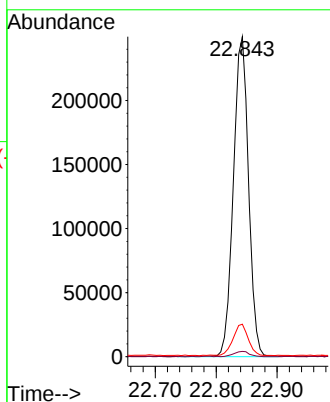
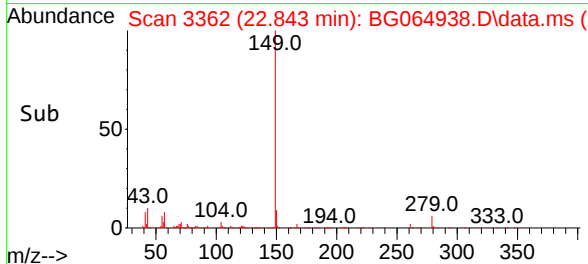
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



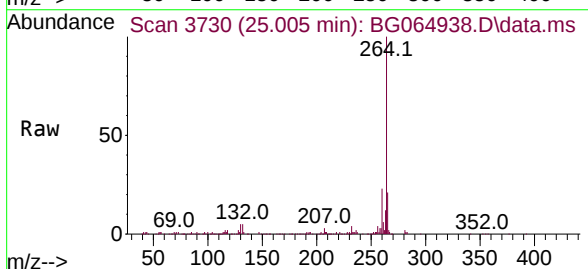
Tgt Ion:149 Resp: 430871
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.0 8.3 12.5

Manual Integrations
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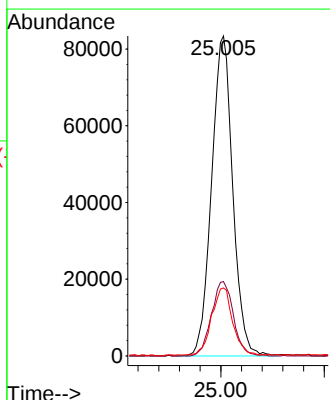
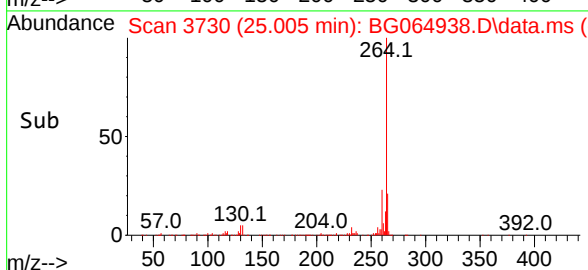
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

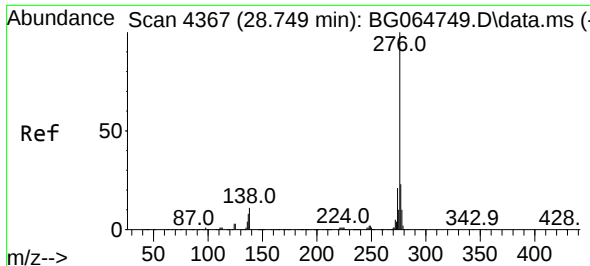


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.005 min Scan# 3730
Delta R.T. -0.019 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



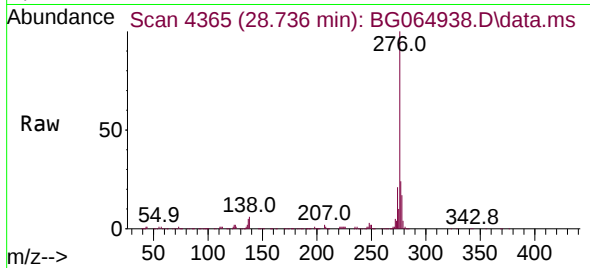
Tgt Ion:264 Resp: 236765
Ion Ratio Lower Upper
264 100
260 23.3 17.2 25.8
265 21.2 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.797 ng
 RT: 28.736 min Scan# 4365
 Delta R.T. -0.013 min
 Lab File: BG064938.D
 Acq: 11 Dec 2025 17:35

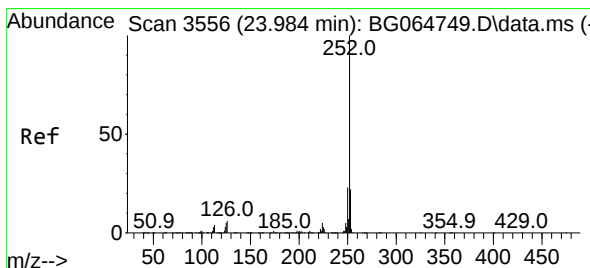
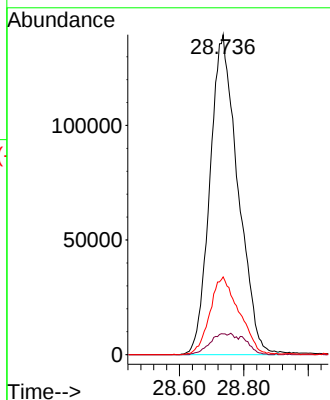
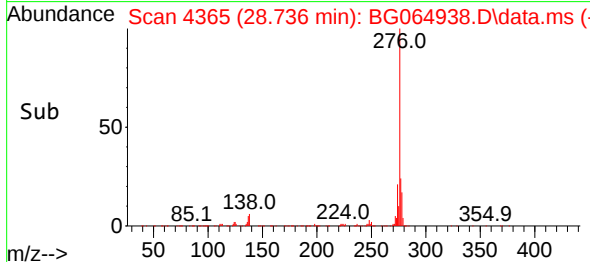
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MSD



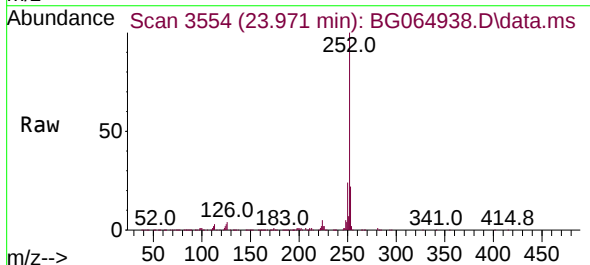
Tgt Ion:276 Resp: 842552
 Ion Ratio Lower Upper
 276 100
 138 4.1 4.5 6.7
 277 25.4 20.0 30.0

Manual Integrations
 APPROVED

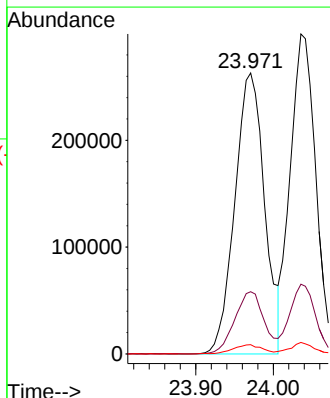
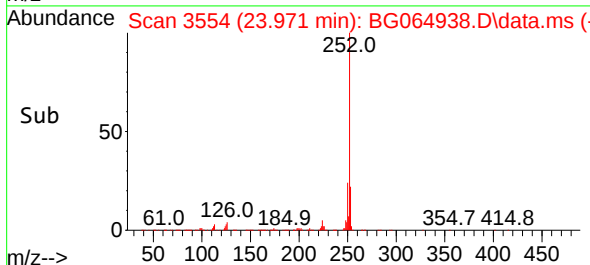
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025

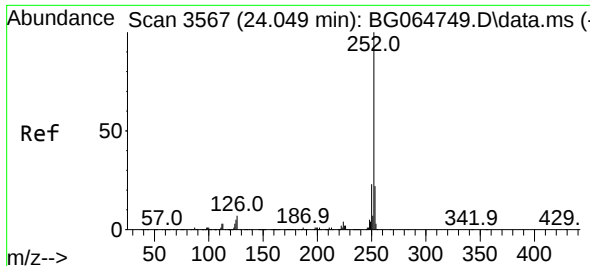


#88
 Benzo(b)fluoranthene
 Concen: 46.672 ng
 RT: 23.971 min Scan# 3554
 Delta R.T. -0.013 min
 Lab File: BG064938.D
 Acq: 11 Dec 2025 17:35



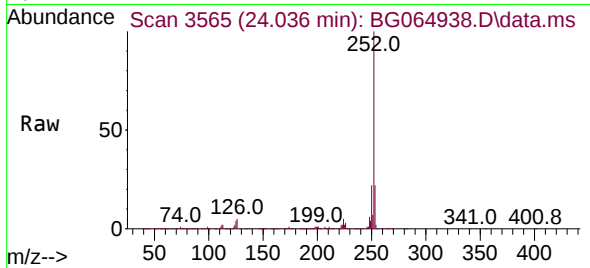
Tgt Ion:252 Resp: 703217
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 3.3 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 44.886 ng
RT: 24.036 min Scan# 3567
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

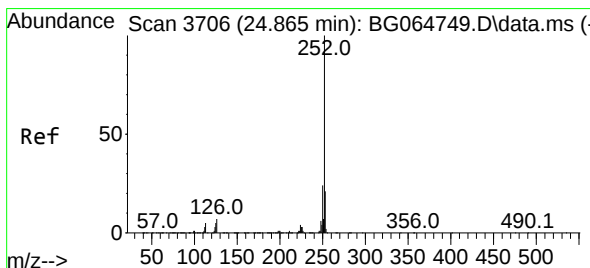
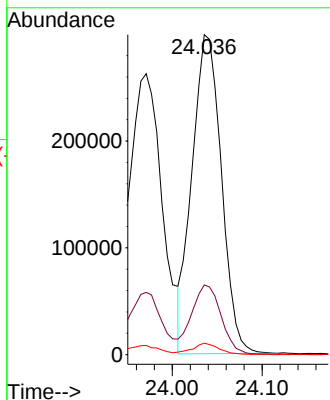
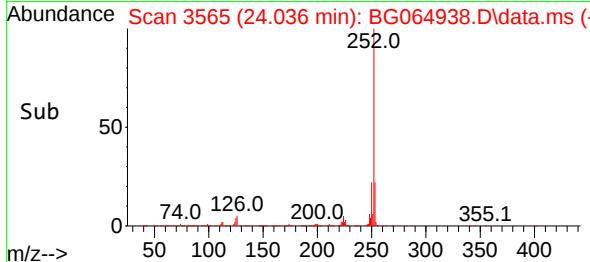
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



Tgt Ion:252 Resp: 679462
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 3.6 4.1 6.1

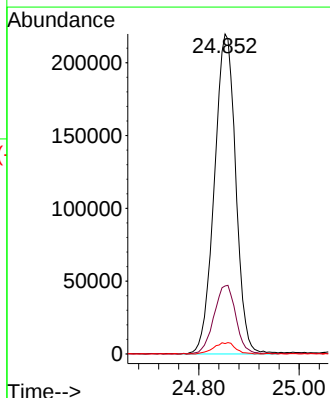
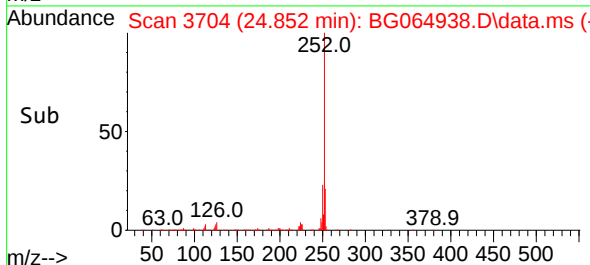
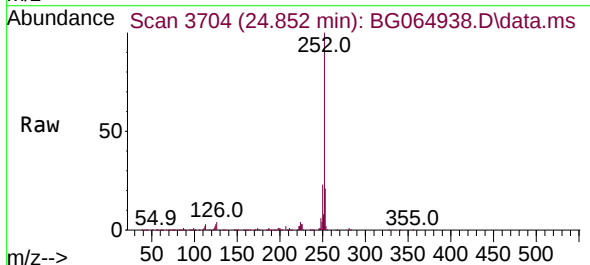
Manual Integrations
APPROVED

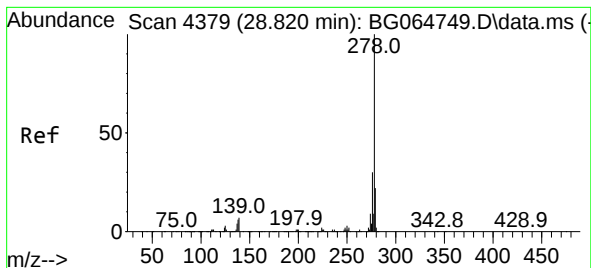
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#90
Benzo(a)pyrene
Concen: 46.427 ng
RT: 24.852 min Scan# 3704
Delta R.T. -0.013 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

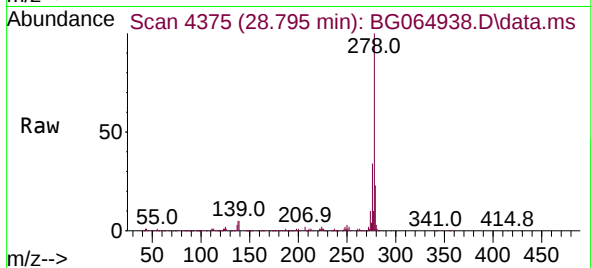
Tgt Ion:252 Resp: 648908
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 3.2 4.2 6.4





#91
Dibenzo(a,h)anthracene
Concen: 54.150 ng
RT: 28.795 min Scan# 4379
Delta R.T. -0.025 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35

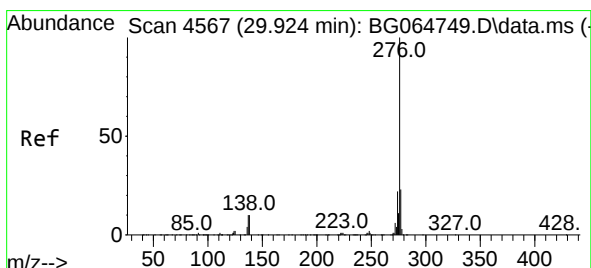
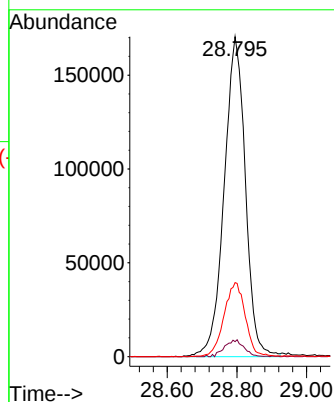
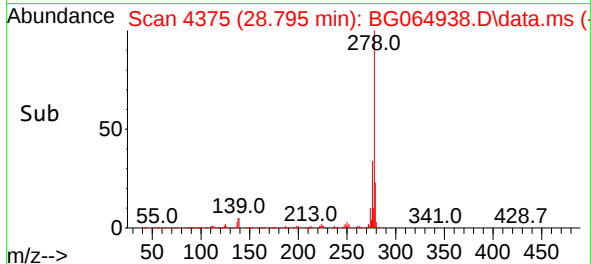
Instrument :
BNA_G
ClientSampleId :
TP-5MSD



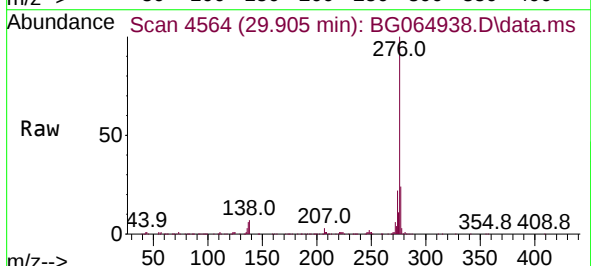
Tgt Ion:278 Resp: 721591
Ion Ratio Lower Upper
278 100
139 4.7 5.8 8.8#
279 23.1 17.3 25.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#92
Benzo(g,h,i)perylene
Concen: 54.146 ng
RT: 29.905 min Scan# 4564
Delta R.T. -0.019 min
Lab File: BG064938.D
Acq: 11 Dec 2025 17:35



Tgt Ion:276 Resp: 694419
Ion Ratio Lower Upper
276 100
277 23.6 18.0 27.0
138 7.2 8.2 12.2#

