

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064937.D
 Acq On : 11 Dec 2025 16:54
 Operator : RC/JU
 Sample : Q3814-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Quant Time: Dec 11 18:00:35 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 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.154	152	17857	20.000	ng	#-0.01
21) Naphthalene-d8	10.968	136	69258	20.000	ng	#-0.02
39) Acenaphthene-d10	14.770	164	59301	20.000	ng	0.00
64) Phenanthrene-d10	17.496	188	160416	20.000	ng	# 0.00
76) Chrysene-d12	21.750	240	199439	20.000	ng	# 0.00
86) Perylene-d12	25.005	264	220404	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	127809	124.983	ng	0.00
7) Phenol-d6	7.308	99	157003	115.434	ng	0.00
23) Nitrobenzene-d5	9.317	82	119152	85.062	ng	-0.01
42) 2,4,6-Tribromophenol	16.245	330	213497	184.598	ng	0.00
45) 2-Fluorobiphenyl	13.395	172	389974	91.760	ng	-0.01
79) Terphenyl-d14	20.081	244	1050918	103.653	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.524	88	11137	28.132	ng	# 60
3) Pyridine	3.941	79	29173	24.732	ng	97
4) n-Nitrosodimethylamine	3.841	42	24415	40.667	ng	84
6) Aniline	7.467	93	21164	11.674	ng	95
8) 2-Chlorophenol	7.719	128	50795	45.237	ng	93
9) Benzaldehyde	7.279	77	16072	18.052	ng	100
10) Phenol	7.331	94	58941	39.829	ng	92
11) bis(2-Chloroethyl)ether	7.561	93	38482	36.543	ng	99
12) 1,3-Dichlorobenzene	8.042	146	46685	36.132	ng	96
13) 1,4-Dichlorobenzene	8.189	146	49696	37.773	ng	100
14) 1,2-Dichlorobenzene	8.512	146	48970	38.388	ng	98
15) Benzyl Alcohol	8.383	79	51587	46.208	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.671	45	76345	30.629	ng	98
17) 2-Methylphenol	8.595	107	46397	44.310	ng	95
18) Hexachloroethane	9.253	117	17108	34.333	ng	# 85
19) n-Nitroso-di-n-propyla...	8.959	70	37445	40.717	ng	98
20) 3+4-Methylphenols	8.918	107	63931	44.568	ng	95
22) Acetophenone	8.971	105	81914	43.412	ng	# 99
24) Nitrobenzene	9.359	77	58665	41.449	ng	99
25) Isophorone	9.887	82	109864	41.186	ng	95
26) 2-Nitrophenol	10.075	139	31247	49.083	ng	98
27) 2,4-Dimethylphenol	10.128	122	54584	48.262	ng	94
28) bis(2-Chloroethoxy)met...	10.357	93	58258	39.782	ng	96
29) 2,4-Dichlorophenol	10.610	162	66489	54.757	ng	96
30) 1,2,4-Trichlorobenzene	10.833	180	70381	48.001	ng	99
31) Naphthalene	11.021	128	166993	42.534	ng	98
32) Benzoic acid	10.240	122	19950	27.812	ng	# 82
33) 4-Chloroaniline	11.127	127	5694	3.626	ng	# 90
34) Hexachlorobutadiene	11.309	225	60650	48.209	ng	94
35) Caprolactam	11.885	113	16055m	44.207	ng	
36) 4-Chloro-3-methylphenol	12.232	107	68705	50.835	ng	96
37) 2-Methylnaphthalene	12.614	142	122053	41.543	ng	94
38) 1-Methylnaphthalene	12.831	142	129826	44.484	ng	100
40) 1,2,4,5-Tetrachloroben...	12.978	216	118865	51.505	ng	99
41) Hexachlorocyclopentadiene	12.960	237	152034	91.908	ng	97
43) 2,4,6-Trichlorophenol	13.213	196	77046	56.882	ng	94

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Manual Integrations
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Quant Time: Dec 11 18:00:35 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

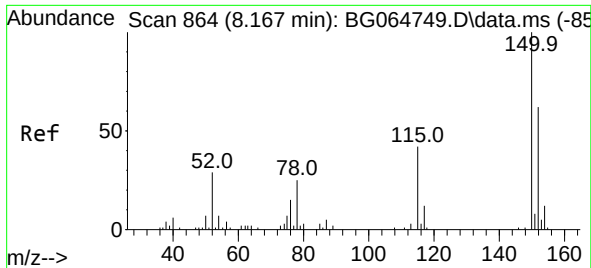
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.283	196	88200	58.059	ng	96
46) 1,1'-Biphenyl	13.606	154	203317	47.736	ng	95
47) 2-Chloronaphthalene	13.653	162	159359	47.492	ng	98
48) 2-Nitroaniline	13.842	65	52396	48.548	ng	97
49) Acenaphthylene	14.494	152	281787	49.155	ng	99
50) Dimethylphthalate	14.212	163	244558	52.207	ng	99
51) 2,6-Dinitrotoluene	14.329	165	49499	54.914	ng	98
52) Acenaphthene	14.829	154	189309	55.077	ng	96
53) 3-Nitroaniline	14.658	138	7827	8.798	ng	97
54) 2,4-Dinitrophenol	14.864	184	48843	79.200	ng	92
55) Dibenzofuran	15.163	168	289391	50.927	ng	98
56) 4-Nitrophenol	14.964	139	68822	97.502	ng	90
57) 2,4-Dinitrotoluene	15.111	165	75306	55.726	ng #	96
58) Fluorene	15.804	166	235011	52.731	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.381	232	99652	66.484	ng	93
60) Diethylphthalate	15.563	149	241323	53.777	ng	98
61) 4-Chlorophenyl-phenyle...	15.792	204	151392	56.602	ng	97
62) 4-Nitroaniline	15.816	138	41755	45.304	ng #	85
63) Azobenzene	16.086	77	170023	45.552	ng	90
65) 4,6-Dinitro-2-methylph...	15.874	198	44644	50.124	ng	89
66) n-Nitrosodiphenylamine	16.004	169	214085	50.950	ng	99
67) 4-Bromophenyl-phenylether	16.685	248	119799	56.868	ng	95
68) Hexachlorobenzene	16.809	284	144138	56.474	ng	95
69) Atrazine	16.944	200	95034	46.911	ng	97
70) Pentachlorophenol	17.149	266	157168	102.213	ng	100
71) Phenanthrene	17.537	178	428302	48.799	ng	100
72) Anthracene	17.631	178	431220	48.183	ng	98
73) Carbazole	17.890	167	367041	47.707	ng	99
74) Di-n-butylphthalate	18.436	149	410943	47.876	ng	99
75) Fluoranthene	19.535	202	567913	47.319	ng	97
77) Benzidine	19.717	184	63436m	10.621	ng	
78) Pyrene	19.893	202	582023	52.070	ng	98
80) Butylbenzylphthalate	20.757	149	181491	46.162	ng	93
81) Benzo(a)anthracene	21.726	228	668479	49.294	ng	99
82) 3,3'-Dichlorobenzidine	21.632	252	83344	16.697	ng	98
83) Chrysene	21.797	228	638397	49.933	ng	99
84) Bis(2-ethylhexyl)phtha...	21.621	149	258455	44.987	ng	98
85) Di-n-octyl phthalate	22.843	149	440303	44.337	ng	97
87) Indeno(1,2,3-cd)pyrene	28.736	276	843720	55.718	ng #	99
88) Benzo(b)fluoranthene	23.971	252	709871	50.610	ng #	98
89) Benzo(k)fluoranthene	24.041	252	684736	48.592	ng #	98
90) Benzo(a)pyrene	24.852	252	662747	50.937	ng #	99
91) Dibenzo(a,h)anthracene	28.795	278	718230	57.898	ng #	96
92) Benzo(g,h,i)perylene	29.899	276	693079	58.053	ng #	95

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

Manual Integrations

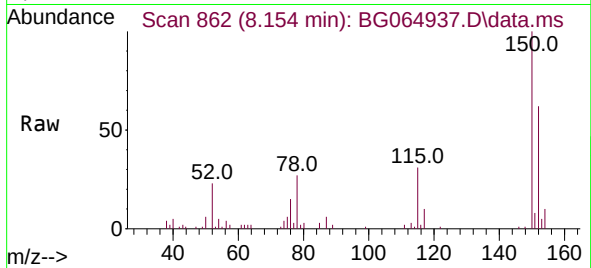
Quant Time: Dec 11 18:00:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.154 min Scan# 80
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

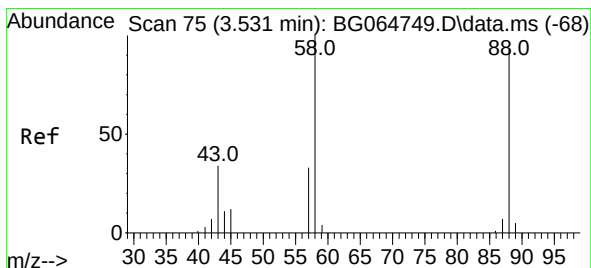
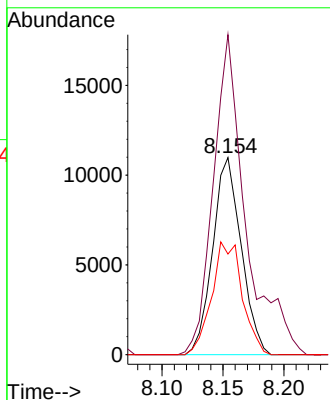
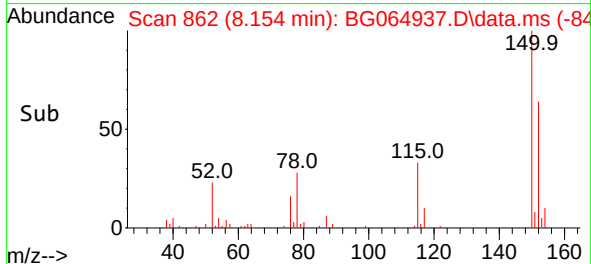
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:152 Resp: 1785
Ion Ratio Lower Upper
152 100
150 162.4 129.2 193.8
115 51.1 53.7 80.5

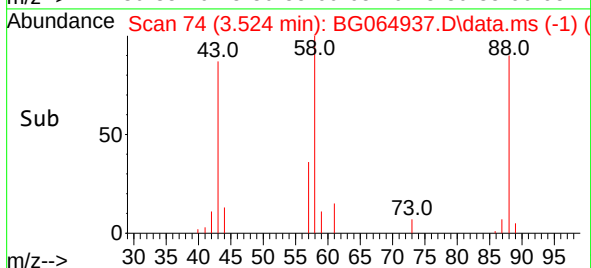
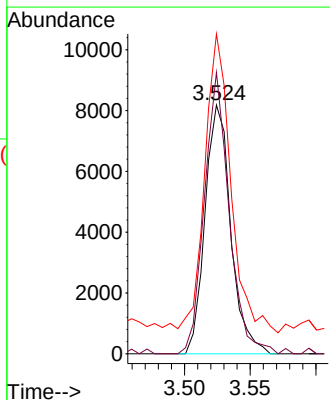
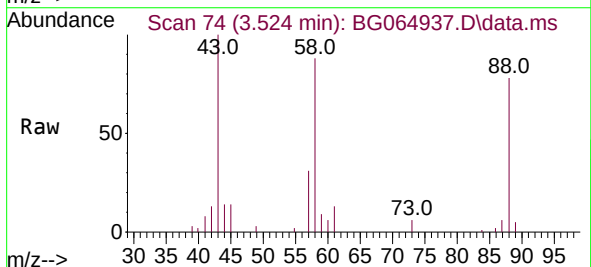
Manual Integrations
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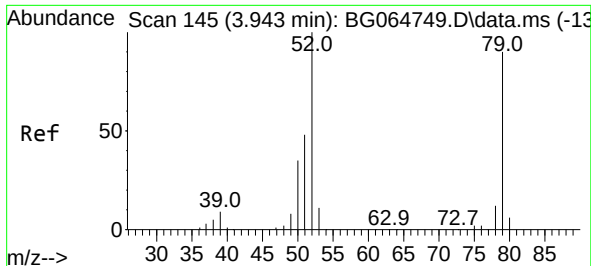
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#2
1,4-Dioxane
Concen: 28.132 ng
RT: 3.524 min Scan# 74
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

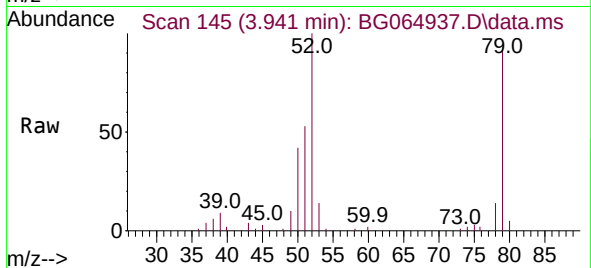
Tgt Ion: 88 Resp: 11137
Ion Ratio Lower Upper
88 100
58 109.7 84.6 126.8
43 121.5 30.0 45.0





#3
Pyridine
Concen: 24.732 ng
RT: 3.941 min Scan# 145
Delta R.T. -0.001 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

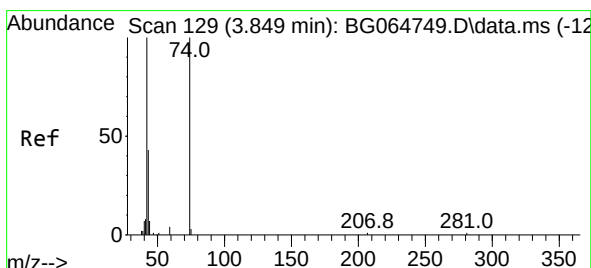
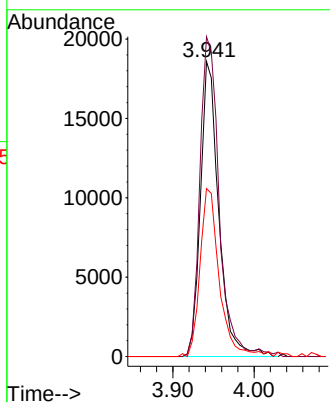
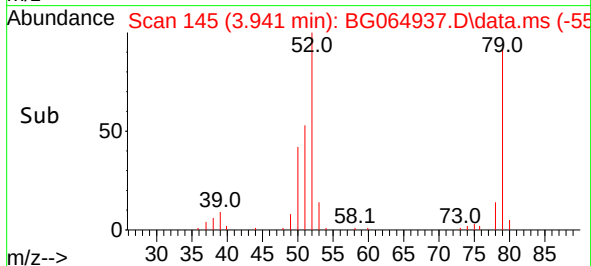
Instrument :
BNA_G
ClientSampleId :
TP-5MS



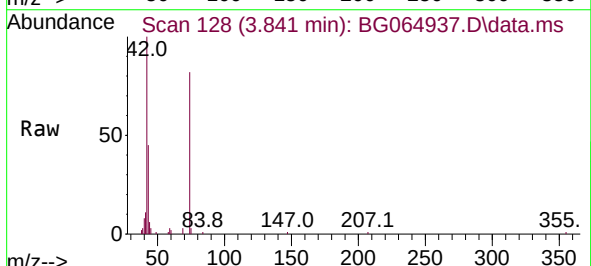
Tgt Ion: 79 Resp: 29173
Ion Ratio Lower Upper
79 100
52 108.4 89.0 133.4
51 56.9 43.4 65.0

Manual Integrations
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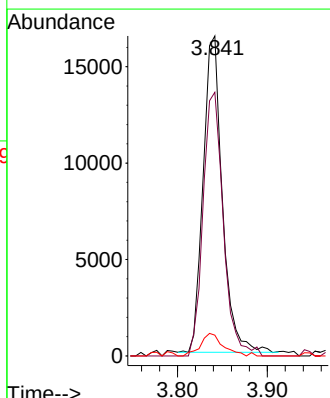
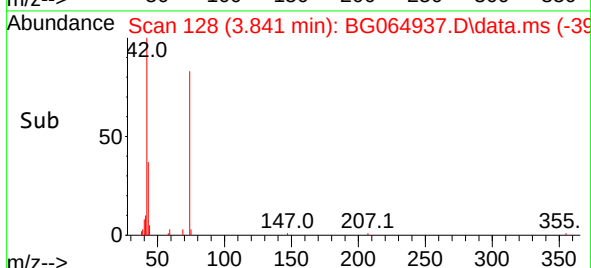
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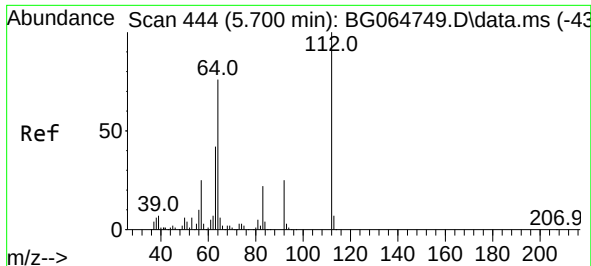


#4
n-Nitrosodimethylamine
Concen: 40.667 ng
RT: 3.841 min Scan# 128
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion: 42 Resp: 24415
Ion Ratio Lower Upper
42 100
74 82.4 79.8 119.6
44 6.5 5.9 8.9





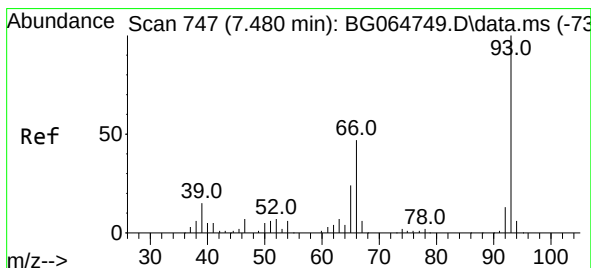
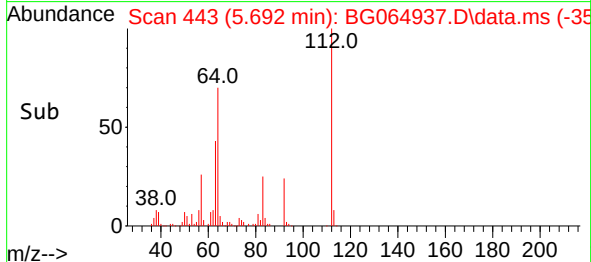
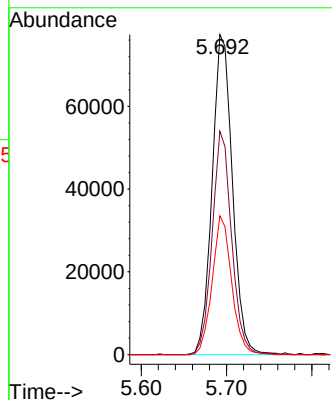
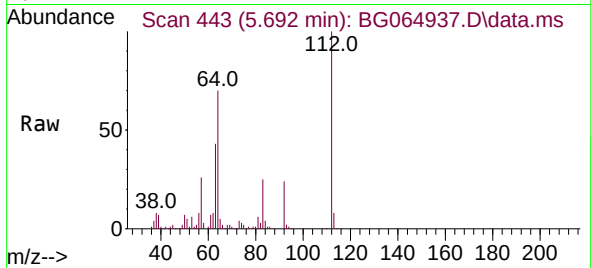
#5
2-Fluorophenol
Concen: 124.983 ng
RT: 5.692 min Scan# 444
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:112 Resp: 127809
Ion Ratio Lower Upper
112 100
64 69.8 61.0 91.4
63 43.4 33.3 49.9

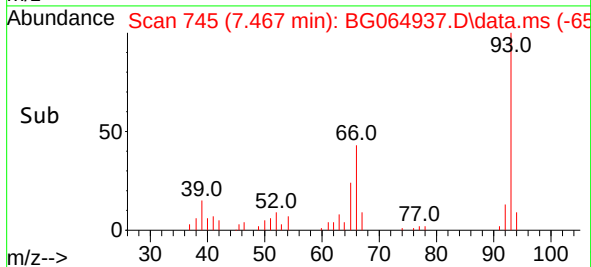
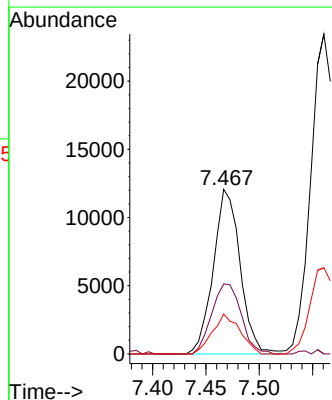
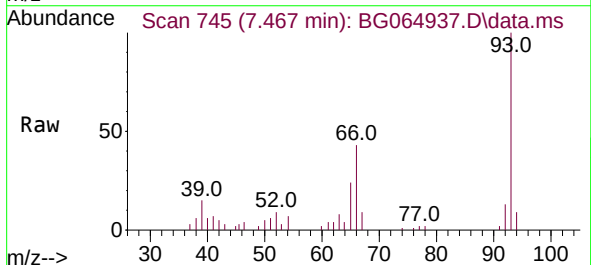
Manual Integrations
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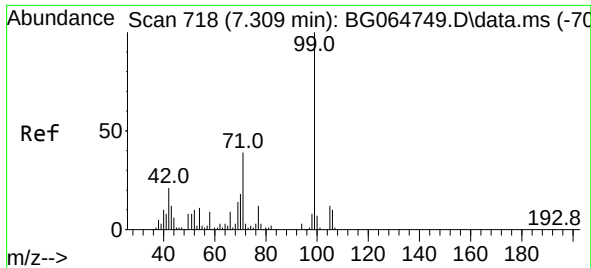
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#6
Aniline
Concen: 11.674 ng
RT: 7.467 min Scan# 745
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

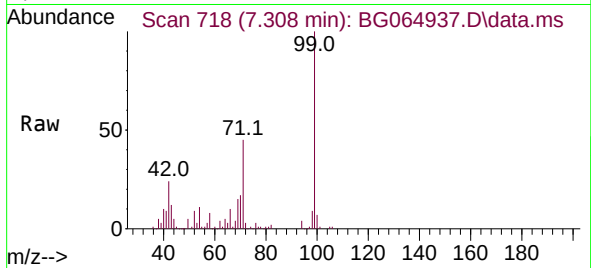
Tgt Ion: 93 Resp: 21164
Ion Ratio Lower Upper
93 100
66 42.6 37.7 56.5
65 24.2 19.1 28.7





#7
Phenol-d6
Concen: 115.434 ng
RT: 7.308 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

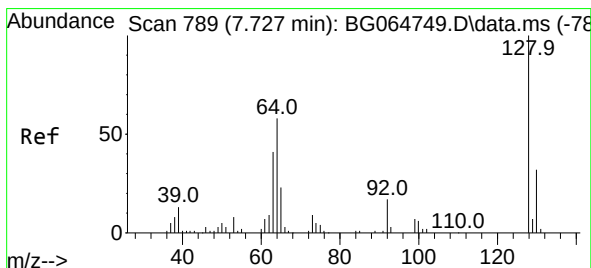
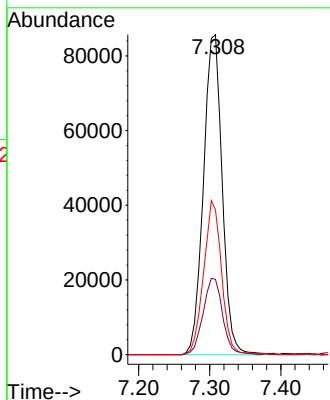
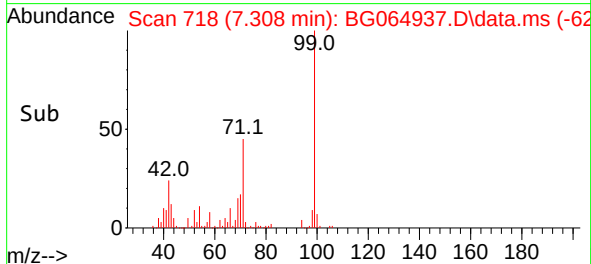
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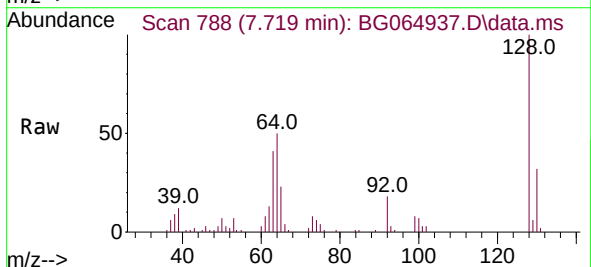
Tgt Ion: 99 Resp: 157003
Ion Ratio Lower Upper
99 100
42 23.5 16.8 25.2
71 45.2 31.1 46.7

Manual Integrations
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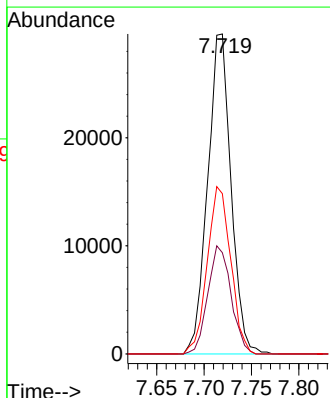
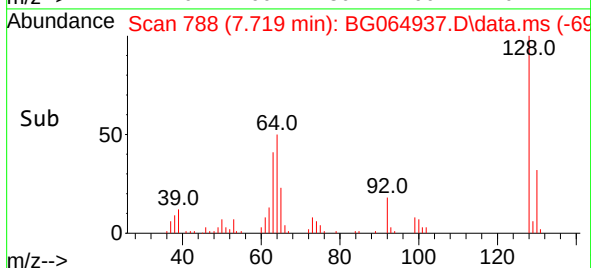
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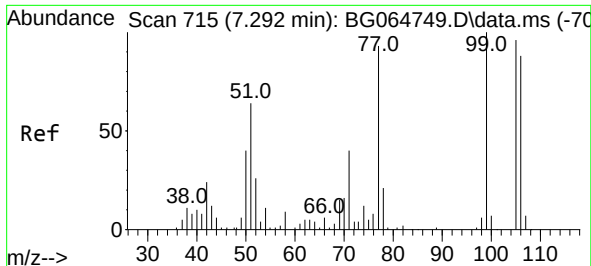


#8
2-Chlorophenol
Concen: 45.237 ng
RT: 7.719 min Scan# 788
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion:128 Resp: 50795
Ion Ratio Lower Upper
128 100
130 31.6 11.9 51.9
64 50.1 38.4 78.4





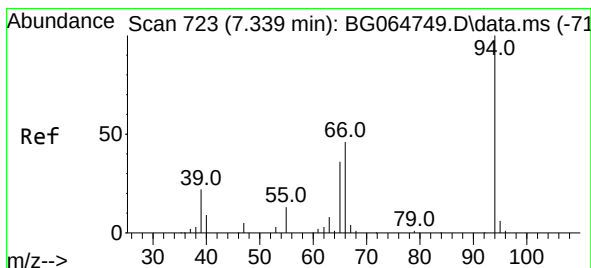
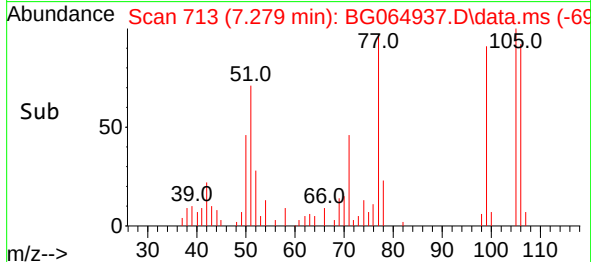
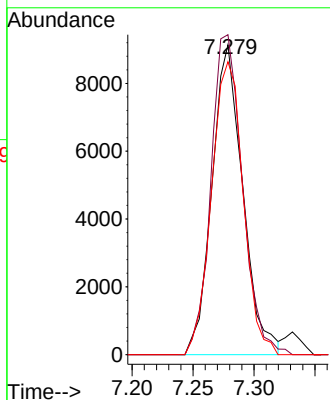
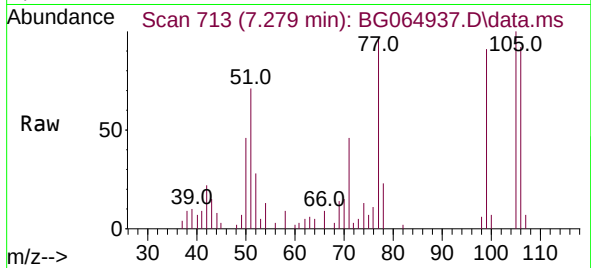
#9
Benzaldehyde
Concen: 18.052 ng
RT: 7.279 min Scan# 715
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion: 77 Resp: 16072
Ion Ratio Lower Upper
77 100
105 103.3 83.8 123.8
106 94.5 74.3 114.3

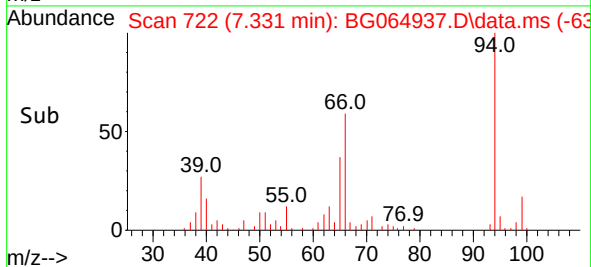
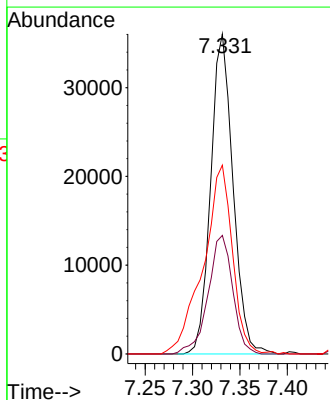
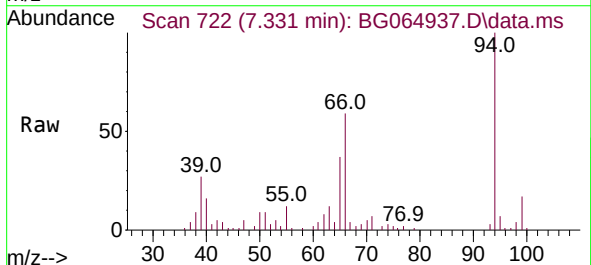
Manual Integrations
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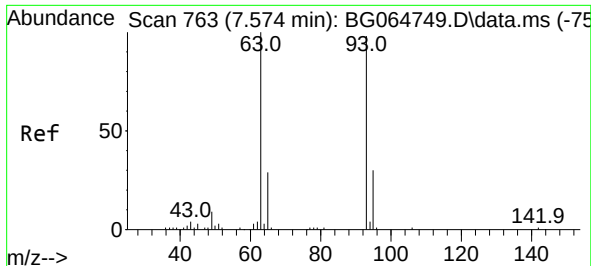
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#10
Phenol
Concen: 39.829 ng
RT: 7.331 min Scan# 722
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Tgt Ion: 94 Resp: 58941
Ion Ratio Lower Upper
94 100
65 37.1 17.0 57.0
66 59.0 29.8 69.8





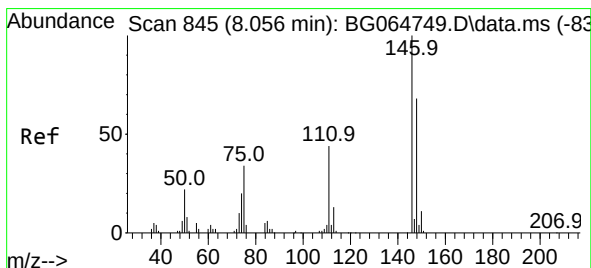
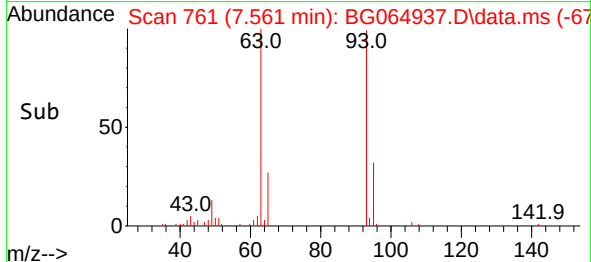
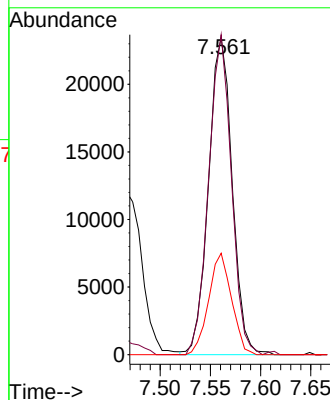
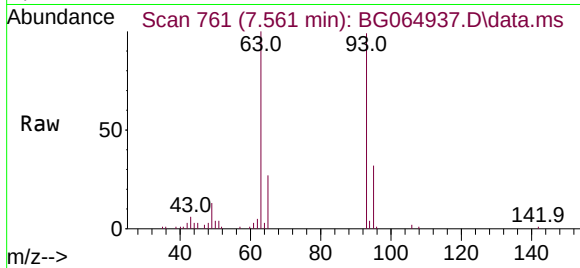
#11
bis(2-Chloroethyl)ether
Concen: 36.543 ng
RT: 7.561 min Scan# 70
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion: 93 Resp: 38482
Ion Ratio Lower Upper
93 100
63 100.9 81.8 121.8
95 32.0 10.3 50.3

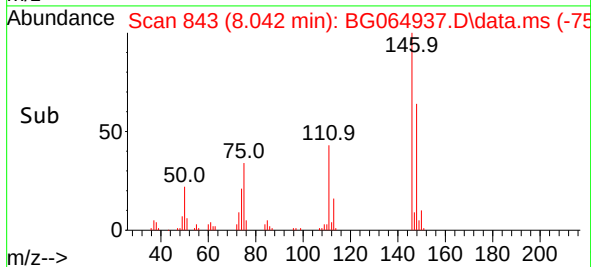
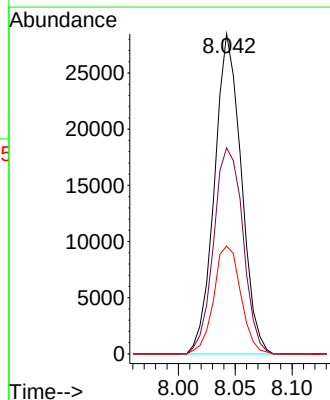
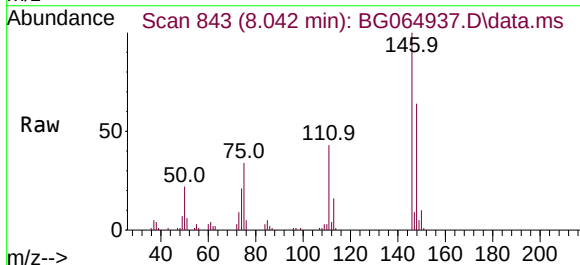
Manual Integrations
APPROVED

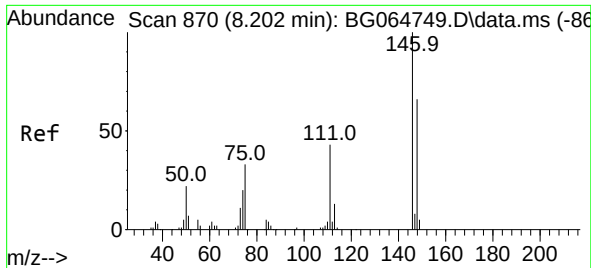
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#12
1,3-Dichlorobenzene
Concen: 36.132 ng
RT: 8.042 min Scan# 843
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Tgt Ion:146 Resp: 46685
Ion Ratio Lower Upper
146 100
148 64.4 54.6 82.0
75 33.8 27.6 41.4





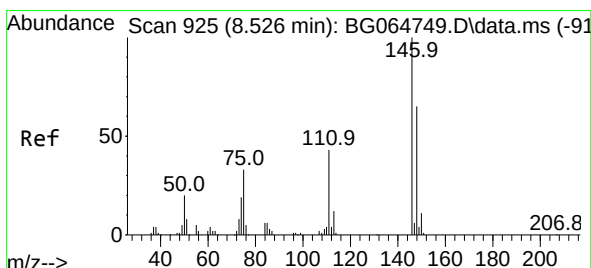
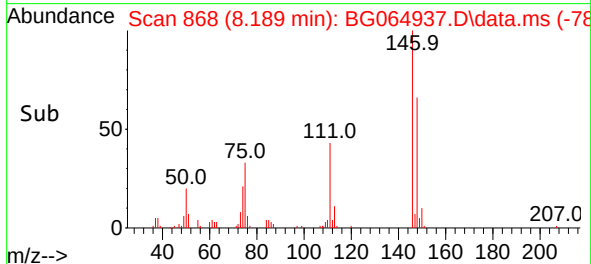
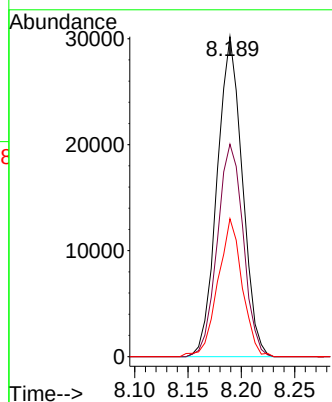
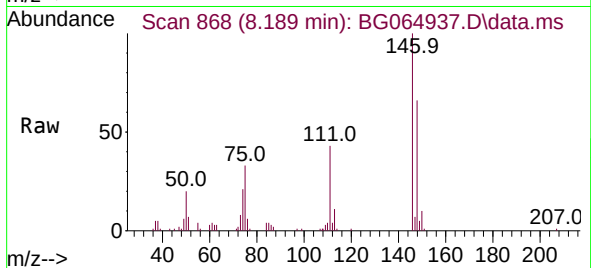
#13
1,4-Dichlorobenzene
Concen: 37.773 ng
RT: 8.189 min Scan# 80
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:146 Resp: 49696
Ion Ratio Lower Upper
146 100
148 66.4 53.1 79.7
111 43.1 34.1 51.1

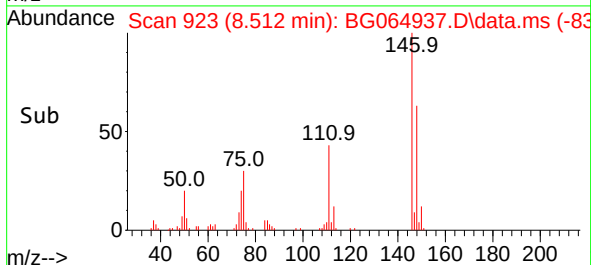
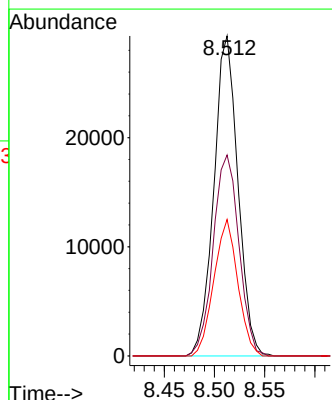
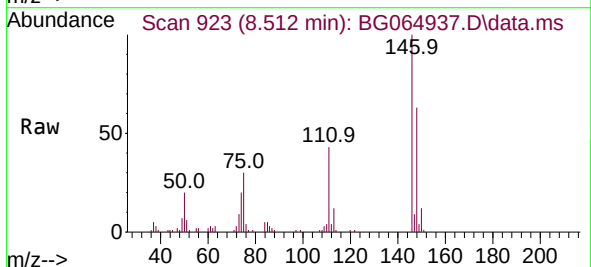
Manual Integrations
APPROVED

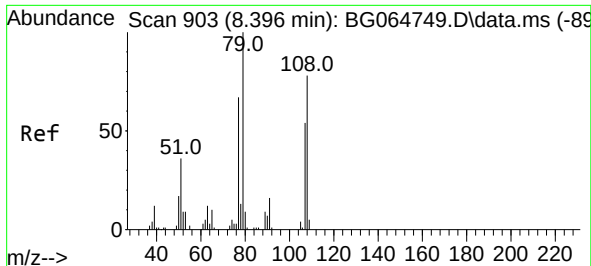
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#14
1,2-Dichlorobenzene
Concen: 38.388 ng
RT: 8.512 min Scan# 923
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

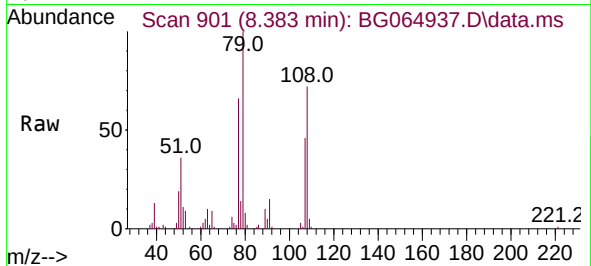
Tgt Ion:146 Resp: 48970
Ion Ratio Lower Upper
146 100
148 62.8 52.0 78.0
111 42.6 34.7 52.1





#15
Benzyl Alcohol
Concen: 46.208 ng
RT: 8.383 min Scan# 901
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

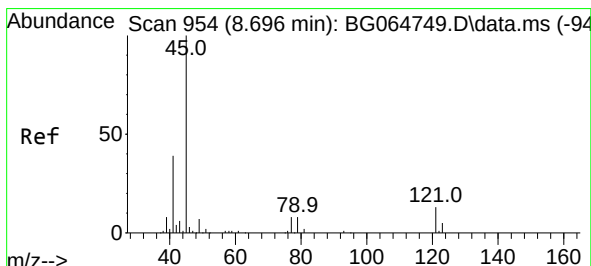
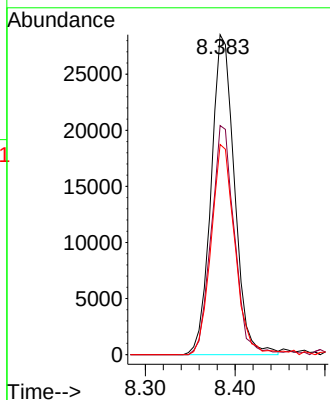
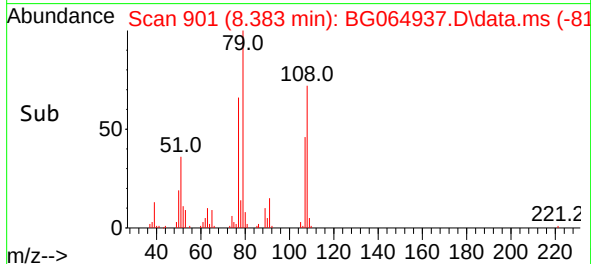
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion: 79 Resp: 5158
Ion Ratio Lower Upper
79 100
108 71.6 62.3 93.5
77 65.7 53.5 80.3

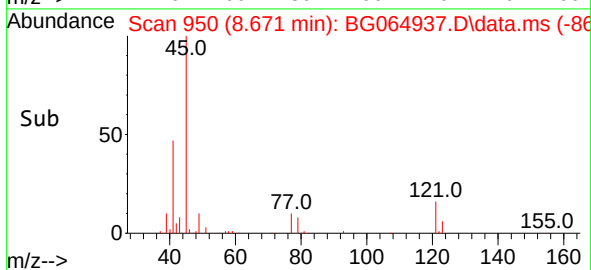
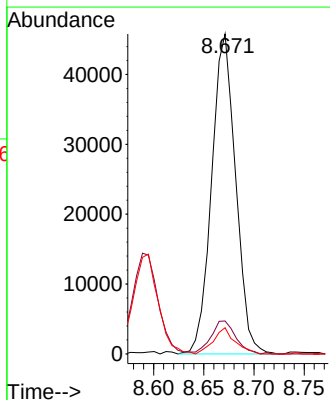
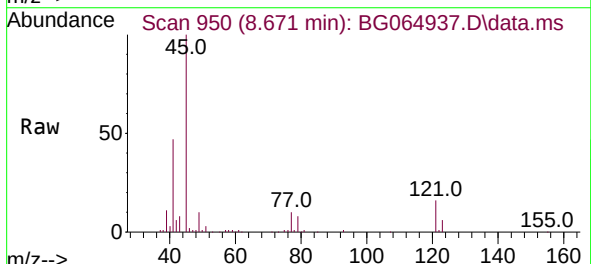
Manual Integrations
APPROVED

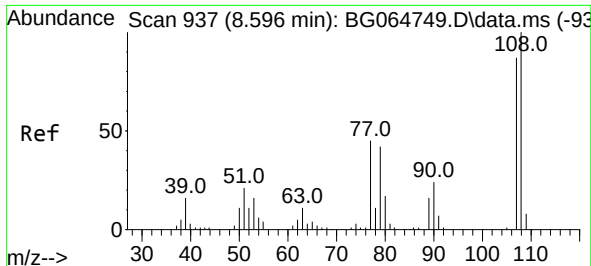
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.629 ng
RT: 8.671 min Scan# 950
Delta R.T. -0.025 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

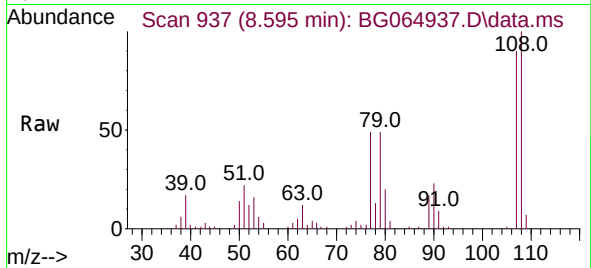
Tgt Ion: 45 Resp: 76345
Ion Ratio Lower Upper
45 100
77 10.3 0.0 28.8
79 8.2 0.0 28.1





#17
2-Methylphenol
Concen: 44.310 ng
RT: 8.595 min Scan# 937
Delta R.T. -0.001 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

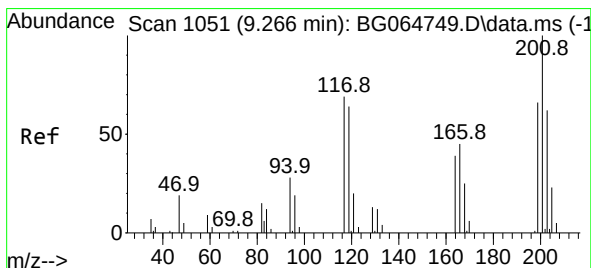
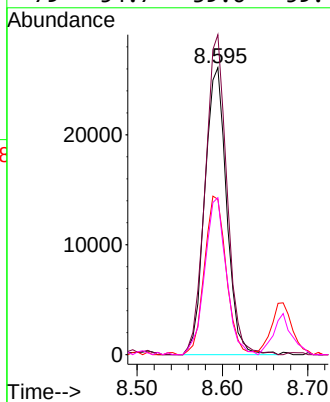
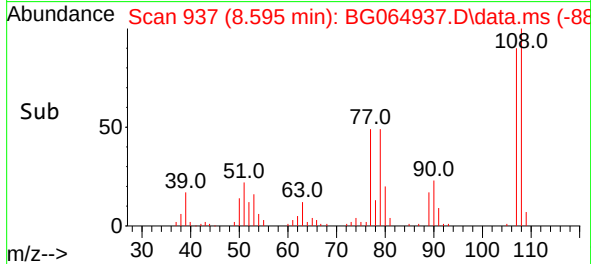
Instrument :
BNA_G
ClientSampleId :
TP-5MS



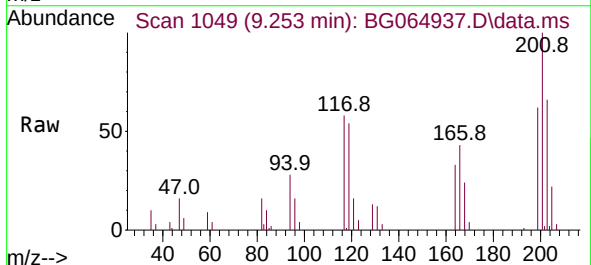
Tgt Ion:107 Resp: 46392
Ion Ratio Lower Upper
107 100
108 111.5 92.6 138.8
77 54.1 41.2 61.8
79 54.7 39.6 59.4

Manual Integrations
APPROVED

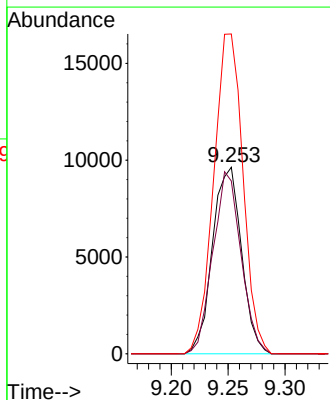
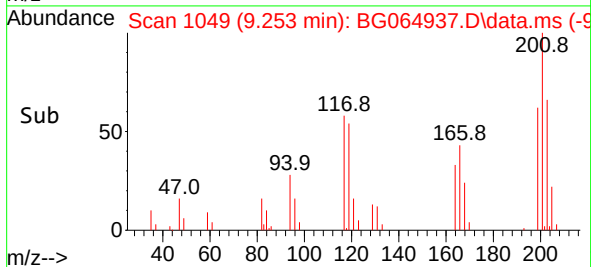
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

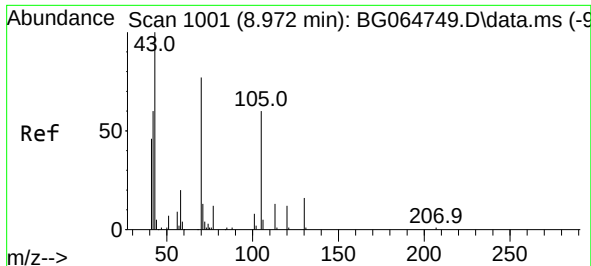


#18
Hexachloroethane
Concen: 34.333 ng
RT: 9.253 min Scan# 1049
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



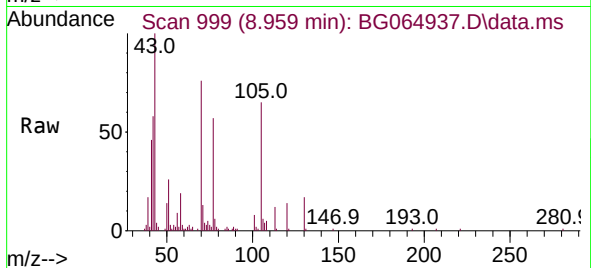
Tgt Ion:117 Resp: 17108
Ion Ratio Lower Upper
117 100
119 92.6 74.4 111.6
201 175.6 116.5 174.7#





#19
n-Nitroso-di-n-propylamine
Concen: 40.717 ng
RT: 8.959 min Scan# 991
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

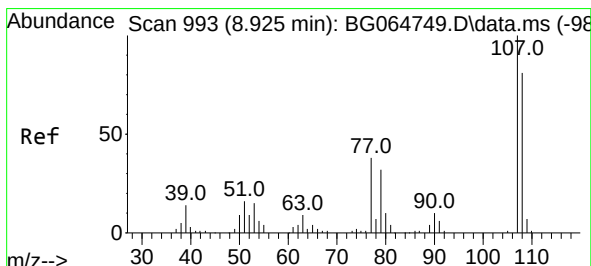
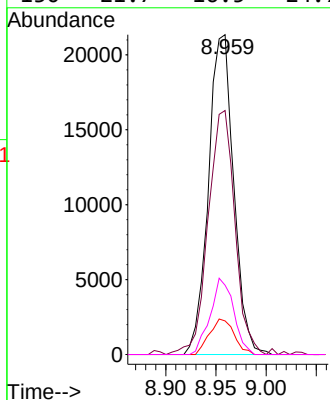
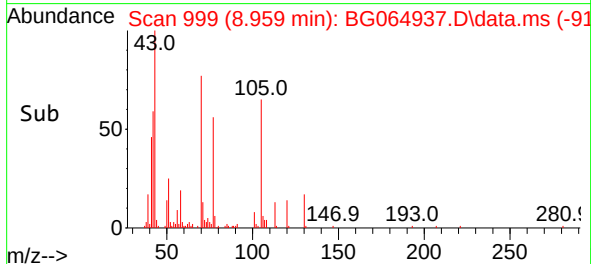
Instrument :
BNA_G
ClientSampleId :
TP-5MS



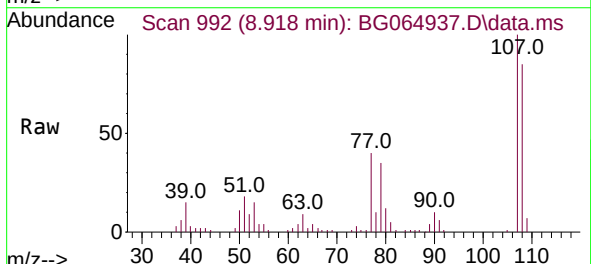
Tgt Ion: 70 Resp: 37445
Ion Ratio Lower Upper
70 100
42 76.3 62.6 93.8
101 10.5 8.0 12.0
130 21.7 16.5 24.7

Manual Integrations
APPROVED

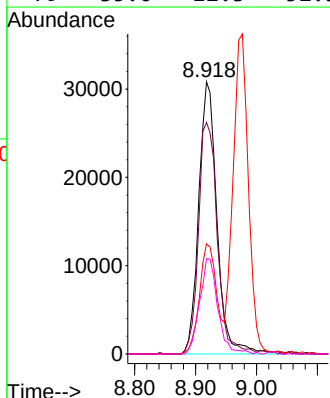
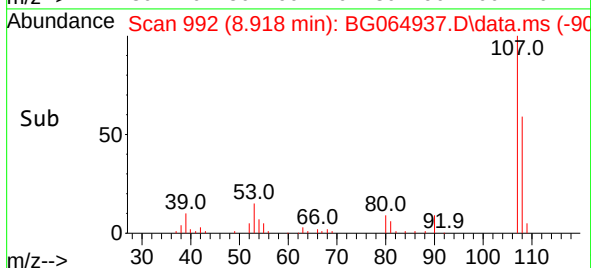
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

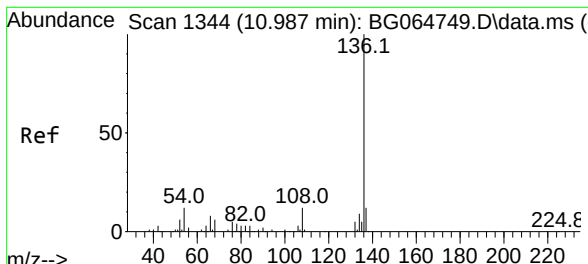


#20
3+4-Methylphenols
Concen: 44.568 ng
RT: 8.918 min Scan# 992
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion:107 Resp: 63931
Ion Ratio Lower Upper
107 100
108 85.1 61.0 101.0
77 40.4 17.6 57.6
79 35.0 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 1341
Delta R.T. -0.019 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

TP-5MS

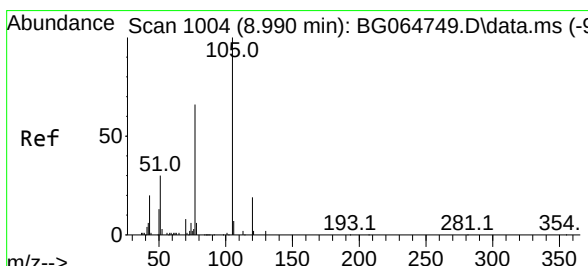
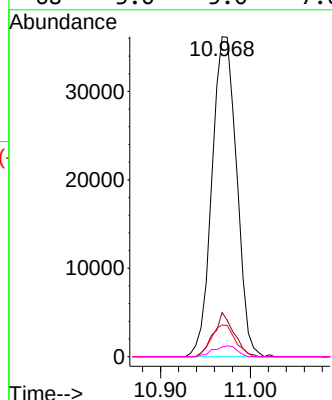
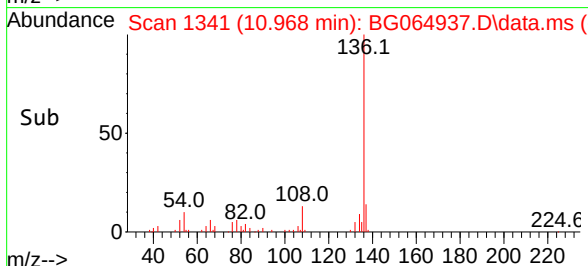
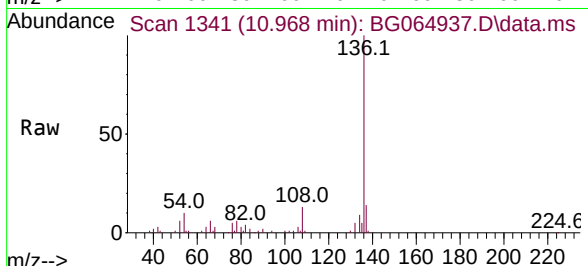
Tgt Ion:	136	Resp:	69258
Ion Ratio	Lower	Upper	
136	100		
137	13.8	9.3	13.9
54	9.9	9.3	13.9
68	3.0	5.0	7.6#

Manual Integrations

APPROVED

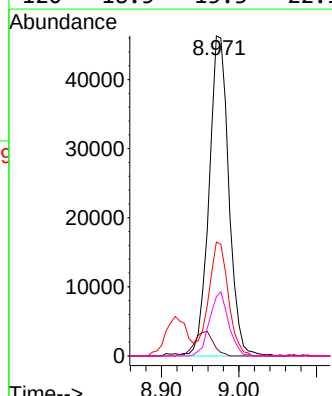
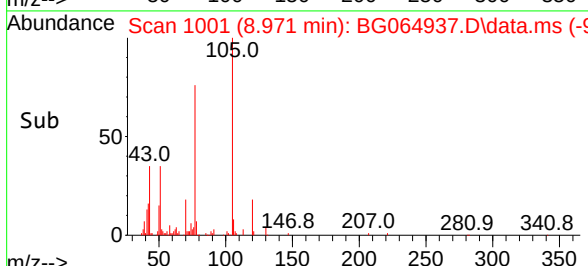
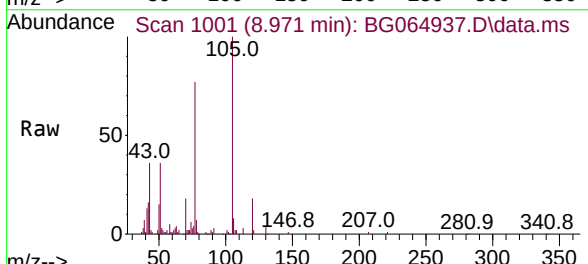
Reviewed By :Rahul Chavli 12/12/2025

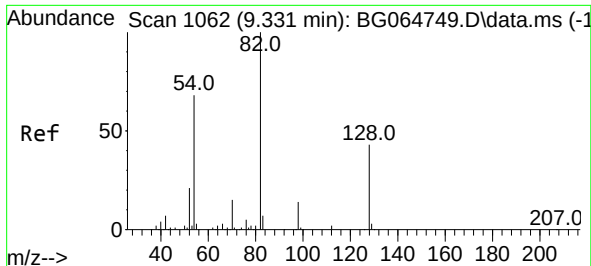
Supervised By :Jagrut Upadhyay 12/12/2025



#22
Acetophenone
Concen: 43.412 ng
RT: 8.971 min Scan# 1001
Delta R.T. -0.019 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Tgt Ion:	105	Resp:	81914
Ion Ratio	Lower	Upper	
105	100		
71	2.4	1.3	1.9#
51	35.6	27.9	41.9
120	18.5	15.3	22.9





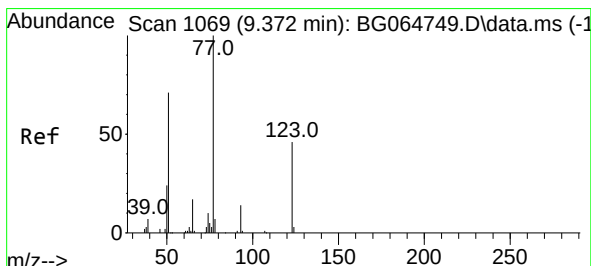
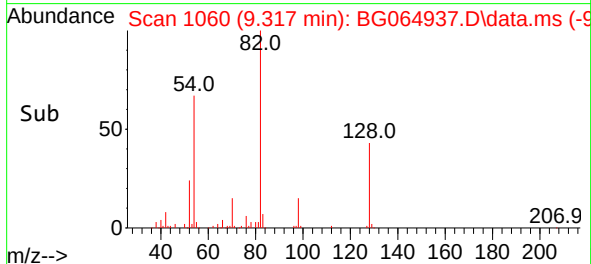
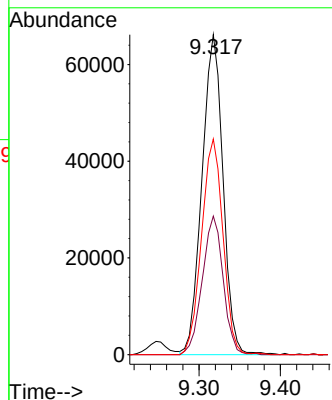
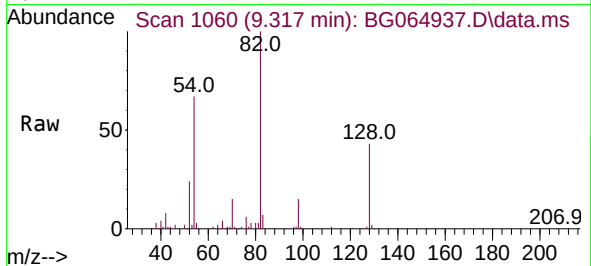
#23
Nitrobenzene-d5
Concen: 85.062 ng
RT: 9.317 min Scan# 1060
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion: 82 Resp: 119152
Ion Ratio Lower Upper
82 100
128 43.3 34.1 51.1
54 67.4 54.3 81.5

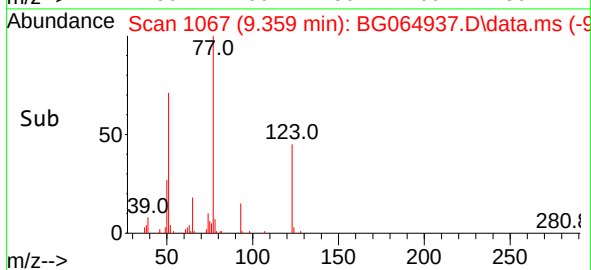
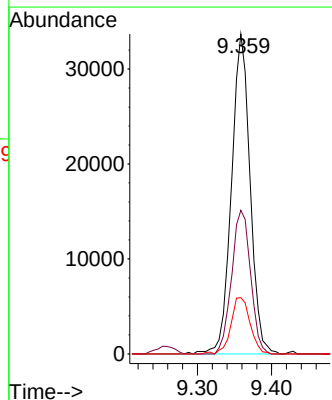
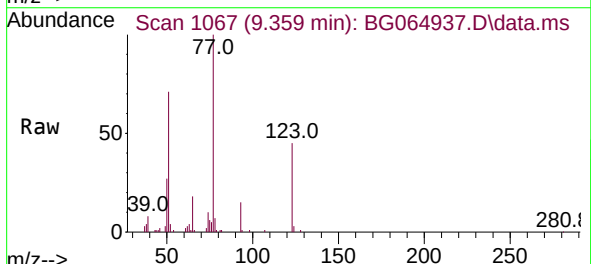
Manual Integrations
APPROVED

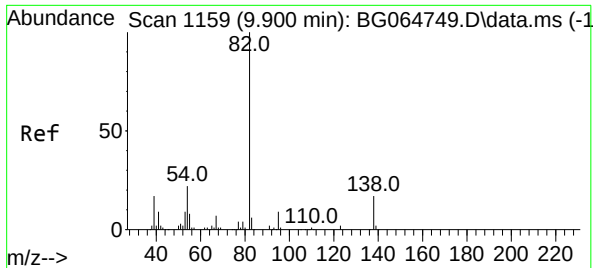
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#24
Nitrobenzene
Concen: 41.449 ng
RT: 9.359 min Scan# 1067
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

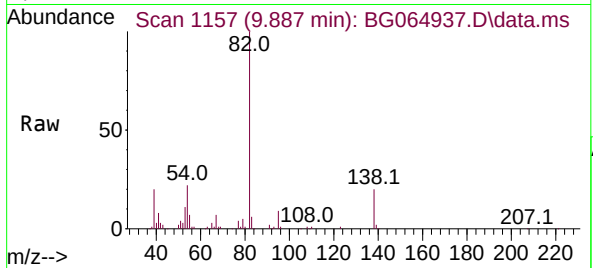
Tgt Ion: 77 Resp: 58665
Ion Ratio Lower Upper
77 100
123 44.9 36.5 54.7
65 17.6 13.5 20.3





#25
Isophorone
Concen: 41.186 ng
RT: 9.887 min Scan# 1157
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

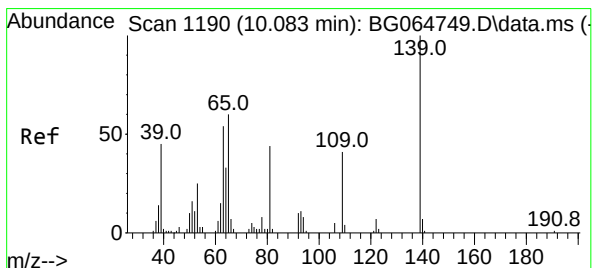
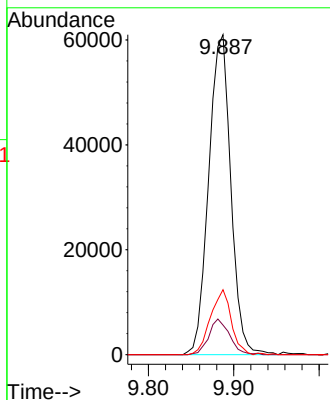
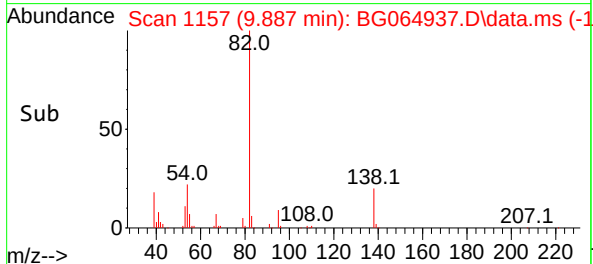
Instrument :
BNA_G
ClientSampleId :
TP-5MS



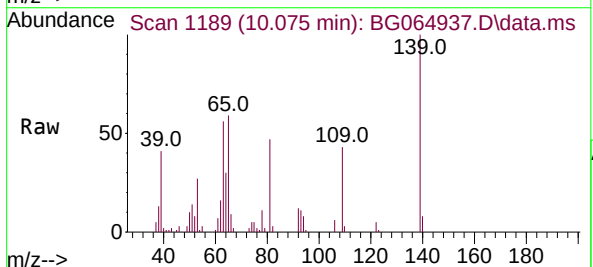
Tgt Ion: 82 Resp: 109864
Ion Ratio Lower Upper
82 100
95 9.2 6.9 10.3
138 20.3 13.9 20.9

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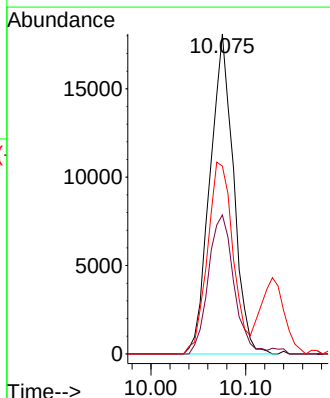
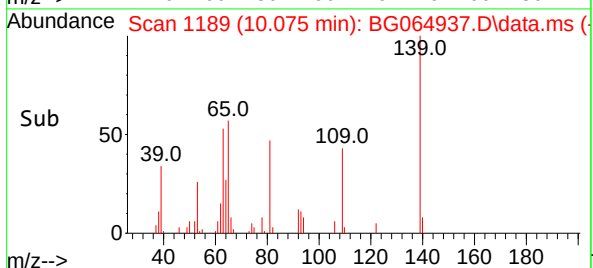
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

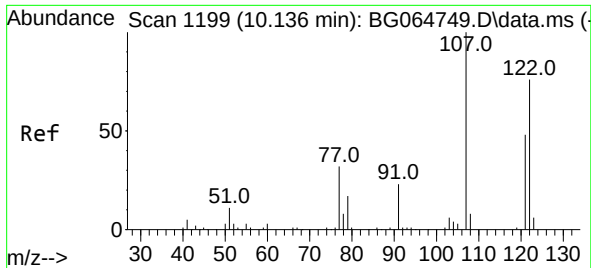


#26
2-Nitrophenol
Concen: 49.083 ng
RT: 10.075 min Scan# 1189
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion:139 Resp: 31247
Ion Ratio Lower Upper
139 100
109 43.4 32.5 48.7
65 58.7 47.6 71.4





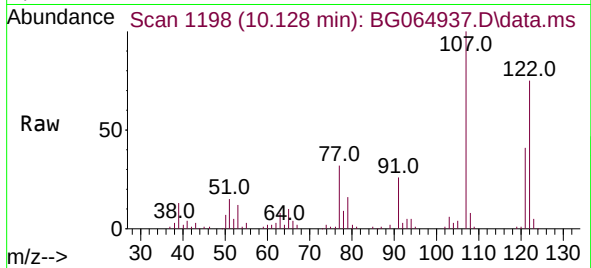
#27
2,4-Dimethylphenol
Concen: 48.262 ng
RT: 10.128 min Scan# 1199
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

TP-5MS

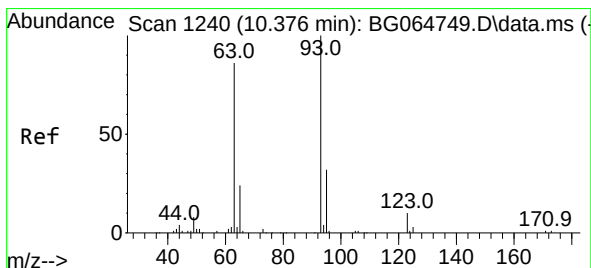
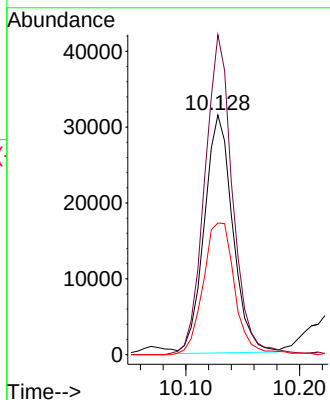
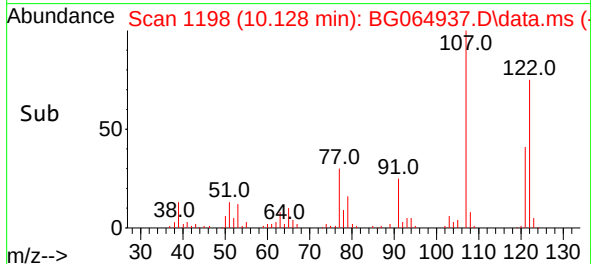


Tgt Ion:122 Resp: 54584
Ion Ratio Lower Upper
122 100
107 133.6 102.5 153.7
121 54.9 49.0 73.6

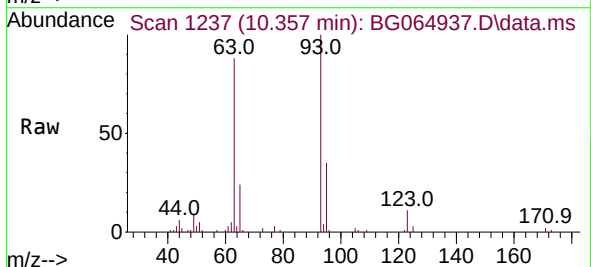
Manual Integrations

APPROVED

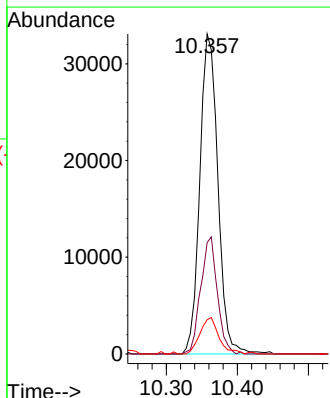
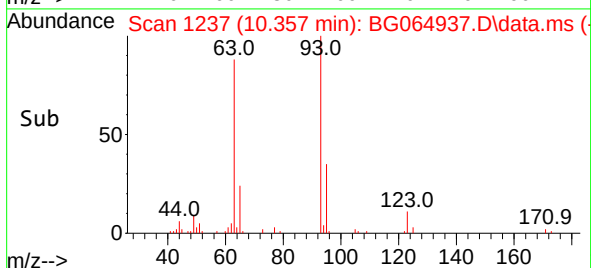
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

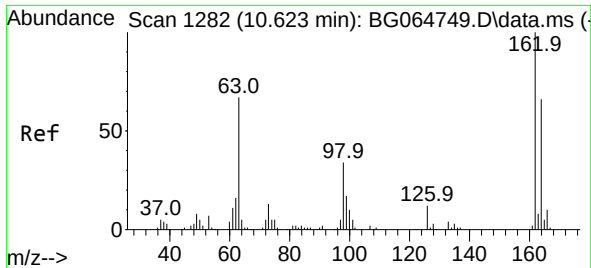


#28
bis(2-Chloroethoxy)methane
Concen: 39.782 ng
RT: 10.357 min Scan# 1237
Delta R.T. -0.019 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion: 93 Resp: 58258
Ion Ratio Lower Upper
93 100
95 34.8 25.4 38.2
123 10.7 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 54.757 ng
RT: 10.610 min Scan# 1280
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

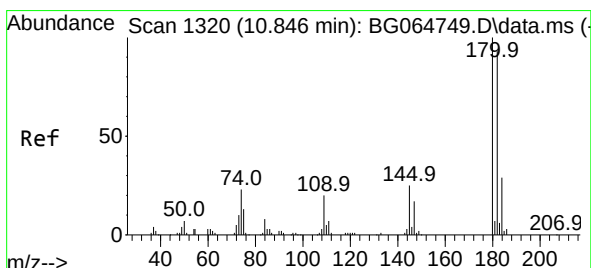
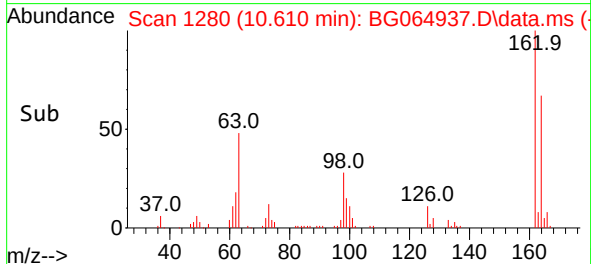
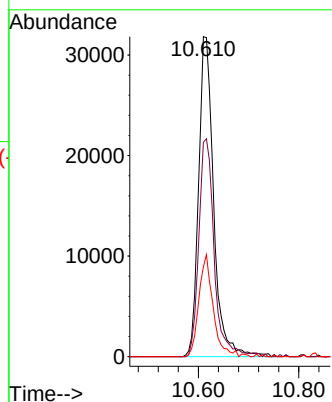
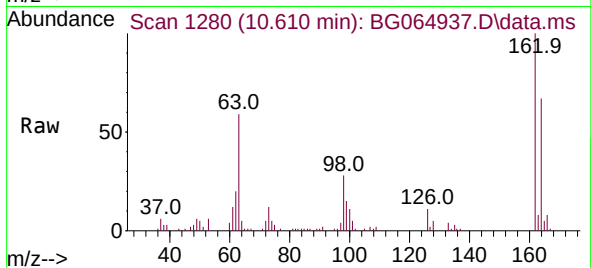
ClientSampleId :

TP-5MS

Tgt Ion:162 Resp: 66489
Ion Ratio Lower Upper
162 100
164 67.0 46.0 86.0
98 28.1 14.2 54.2

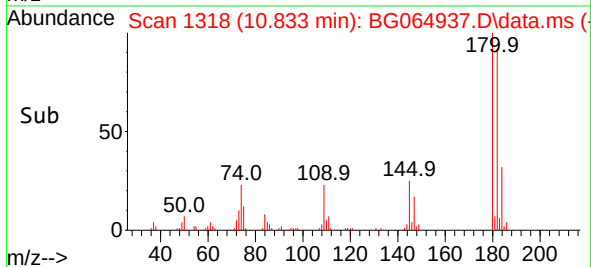
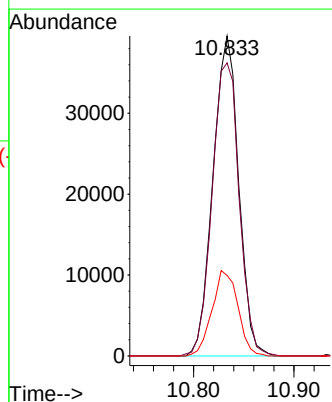
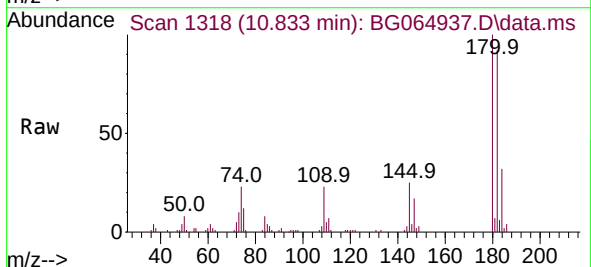
Manual Integrations
APPROVED

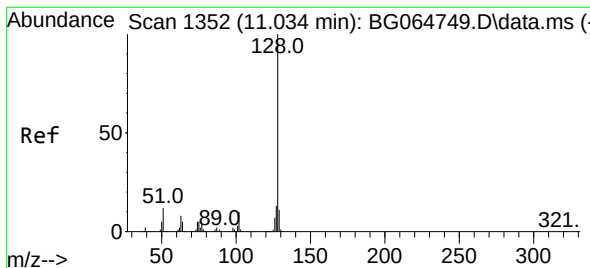
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 48.001 ng
RT: 10.833 min Scan# 1318
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

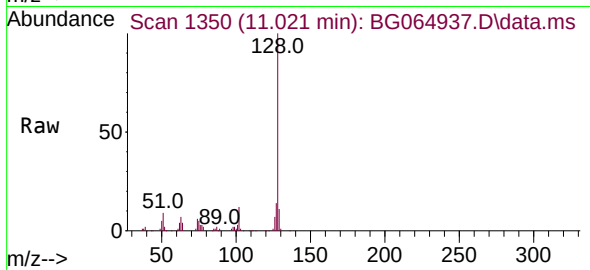
Tgt Ion:180 Resp: 70381
Ion Ratio Lower Upper
180 100
182 91.6 74.2 111.4
145 25.1 20.0 30.0





#31
Naphthalene
Concen: 42.534 ng
RT: 11.021 min Scan# 1352
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

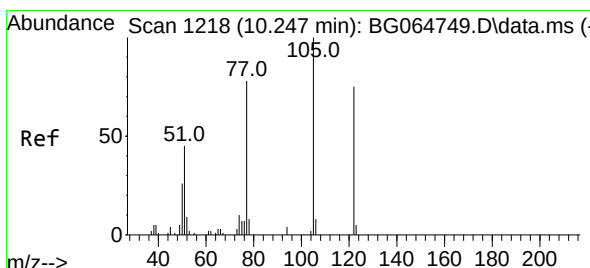
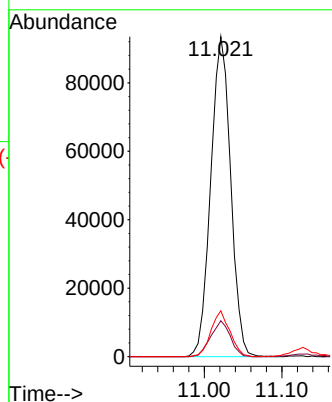
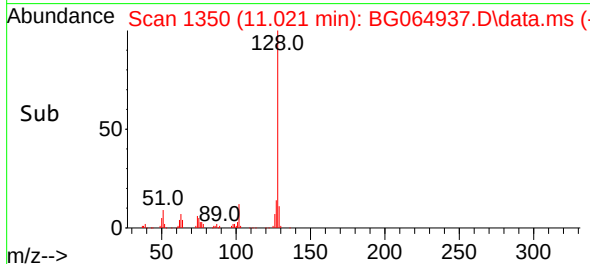
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:128 Resp: 166993
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.3 10.6 16.0

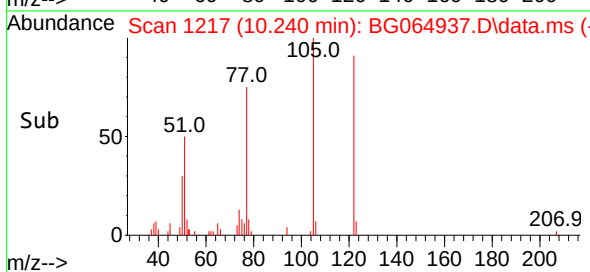
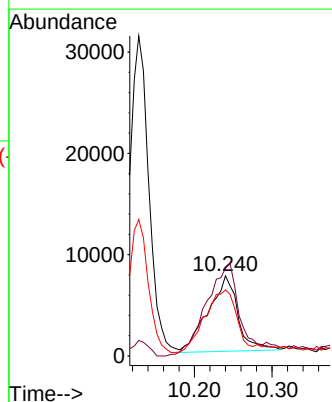
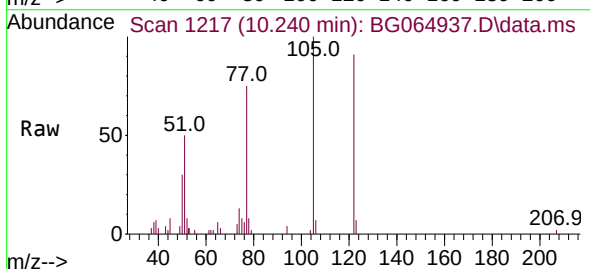
Manual Integrations
APPROVED

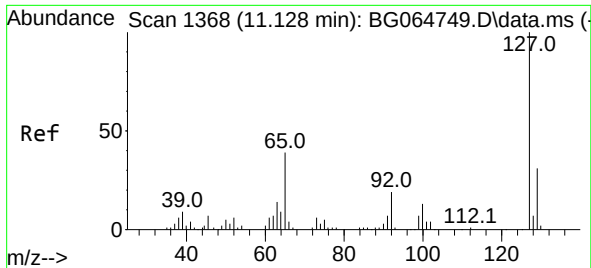
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#32
Benzoic acid
Concen: 27.812 ng
RT: 10.240 min Scan# 1217
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

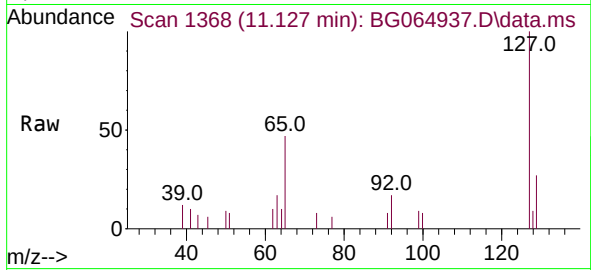
Tgt Ion:122 Resp: 19950
Ion Ratio Lower Upper
122 100
105 109.4 107.6 147.6
77 82.5 82.5 122.5#





#33
4-Chloroaniline
Concen: 3.626 ng
RT: 11.127 min Scan# 1368
Delta R.T. -0.001 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

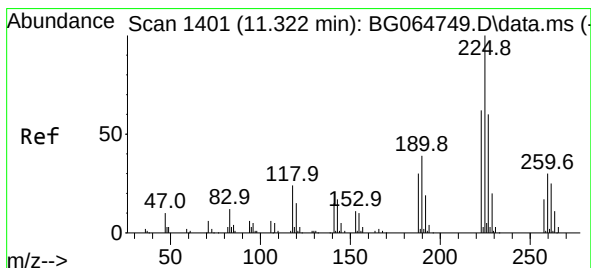
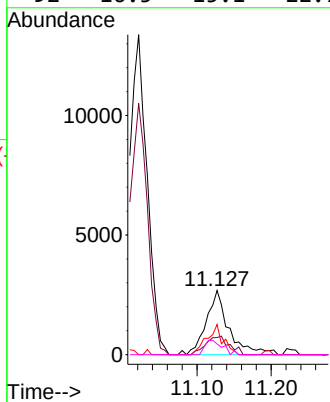
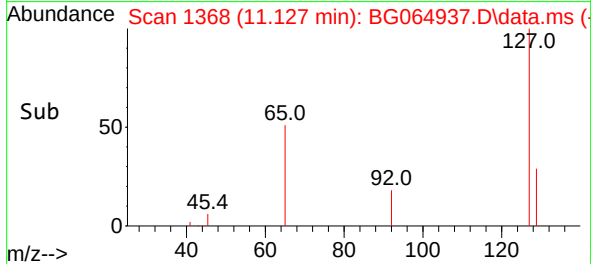
Instrument :
BNA_G
ClientSampleId :
TP-5MS



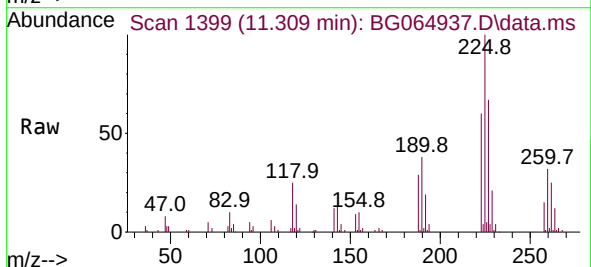
Tgt Ion:127 Resp: 5694
Ion Ratio Lower Upper
127 100
129 26.7 24.9 37.3
65 47.1 30.9 46.3
92 16.5 15.1 22.7

Manual Integrations
APPROVED

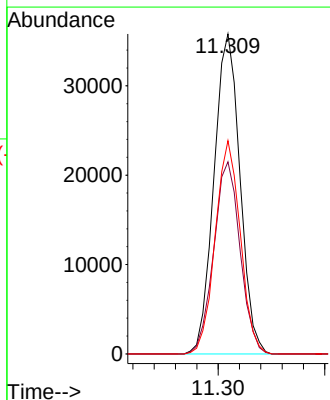
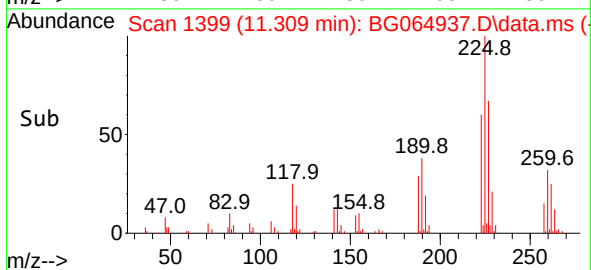
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

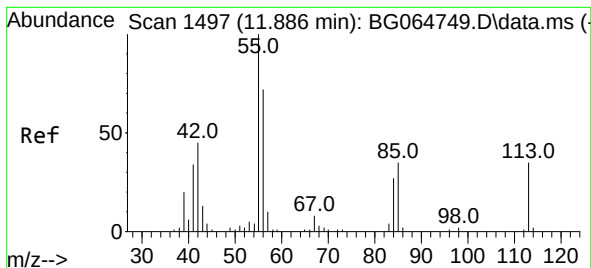


#34
Hexachlorobutadiene
Concen: 48.209 ng
RT: 11.309 min Scan# 1399
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



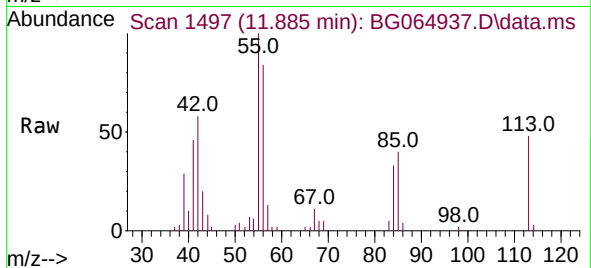
Tgt Ion:225 Resp: 60650
Ion Ratio Lower Upper
225 100
223 60.0 49.9 74.9
227 70.4 50.6 75.8





#35
Caprolactam
Concen: 44.207 ng m
RT: 11.885 min Scan# 1497
Delta R.T. -0.001 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

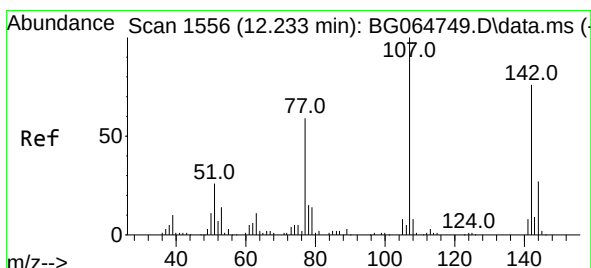
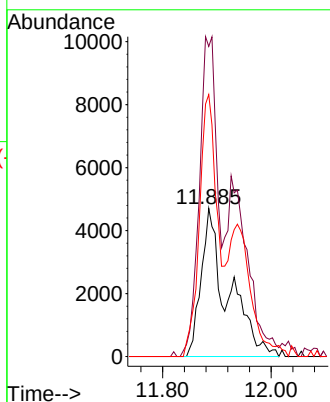
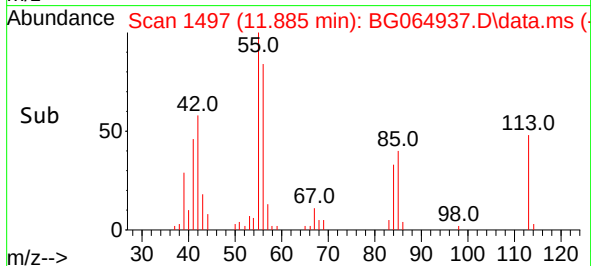
Instrument :
BNA_G
ClientSampleId :
TP-5MS



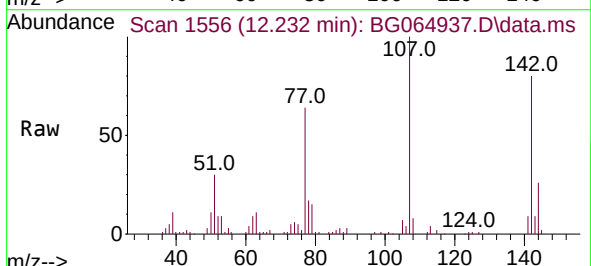
Tgt Ion:113 Resp: 16055
Ion Ratio Lower Upper
113 100
55 209.2 263.7 303.7
56 176.6 184.0 224.0

Manual Integrations
APPROVED

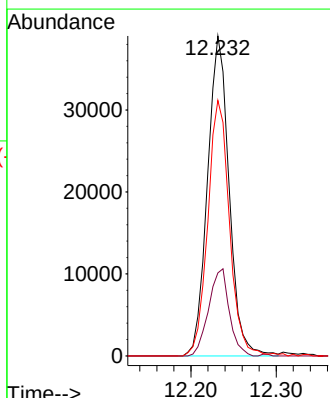
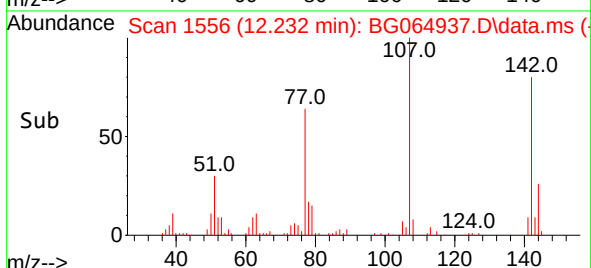
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

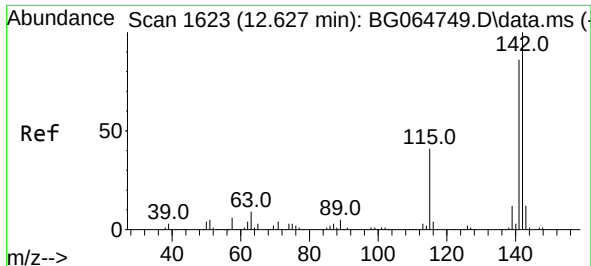


#36
4-Chloro-3-methylphenol
Concen: 50.835 ng
RT: 12.232 min Scan# 1556
Delta R.T. -0.001 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion:107 Resp: 68705
Ion Ratio Lower Upper
107 100
144 26.0 21.7 32.5
142 79.8 60.8 91.2





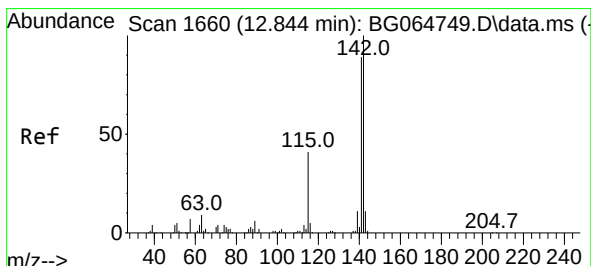
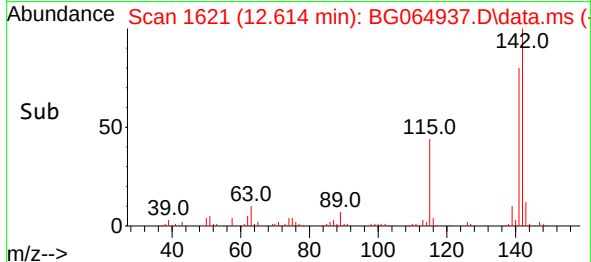
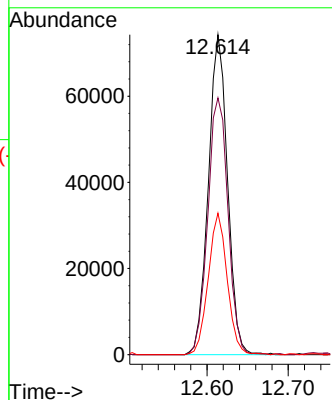
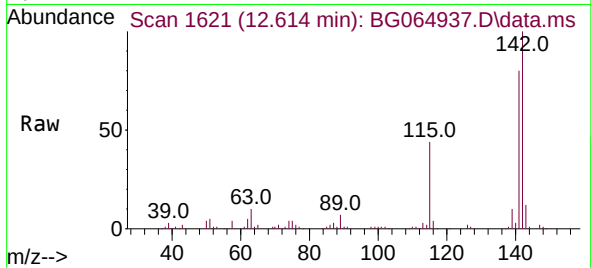
#37
2-Methylnaphthalene
Concen: 41.543 ng
RT: 12.614 min Scan# 1621
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:142 Resp: 122053
Ion Ratio Lower Upper
142 100
141 80.2 69.1 103.7
115 44.2 32.9 49.3

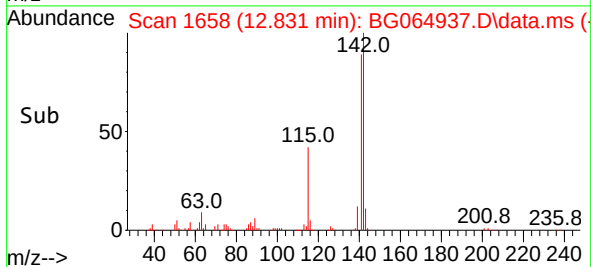
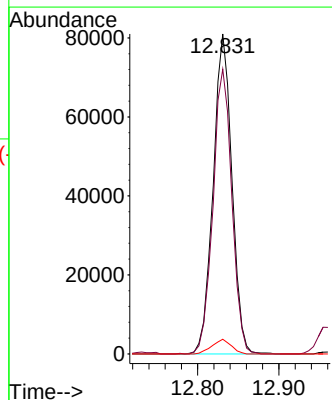
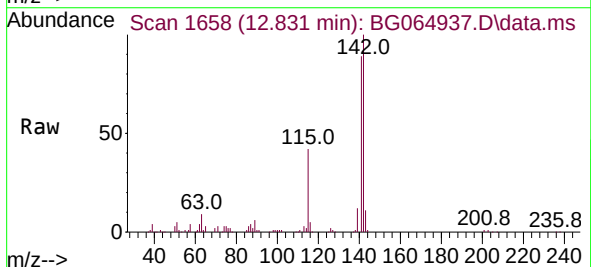
Manual Integrations
APPROVED

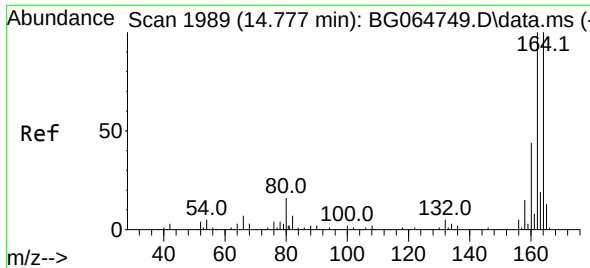
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#38
1-Methylnaphthalene
Concen: 44.484 ng
RT: 12.831 min Scan# 1658
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

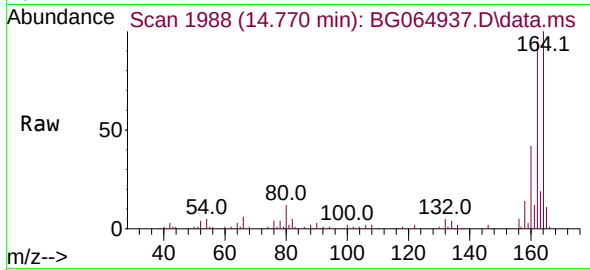
Tgt Ion:142 Resp: 129826
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
116 4.6 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.770 min Scan# 1989
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

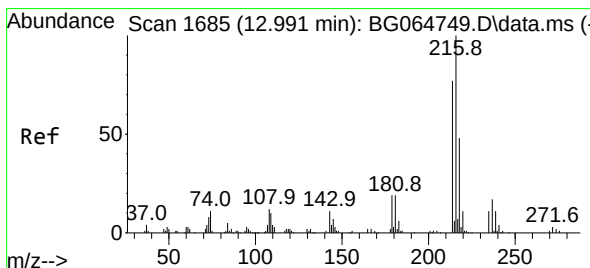
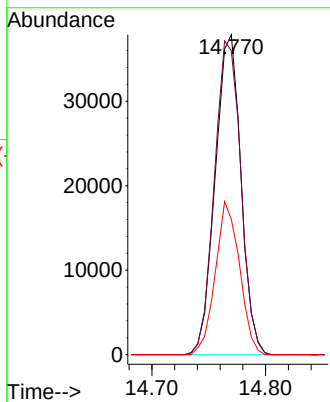
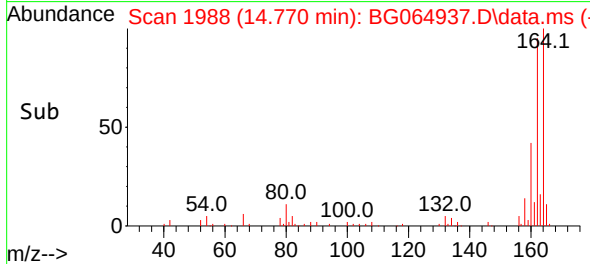
Instrument :
BNA_G
ClientSampleId :
TP-5MS



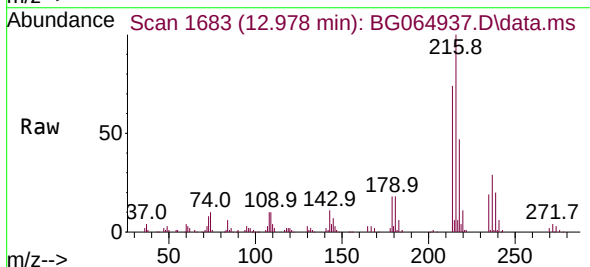
Tgt Ion:164 Resp: 59301
Ion Ratio Lower Upper
164 100
162 95.0 79.8 119.6
160 42.2 34.9 52.3

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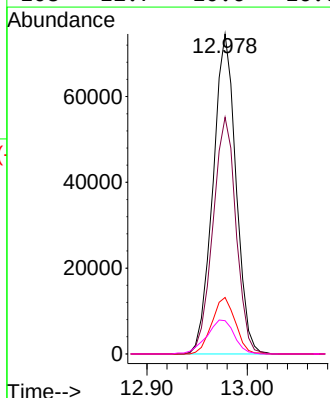
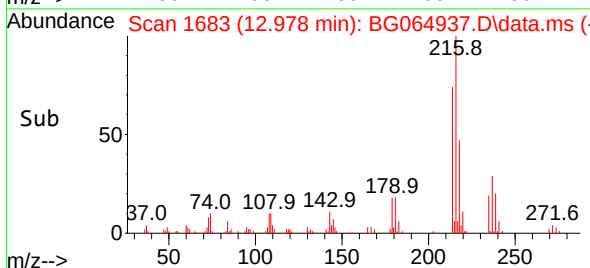
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

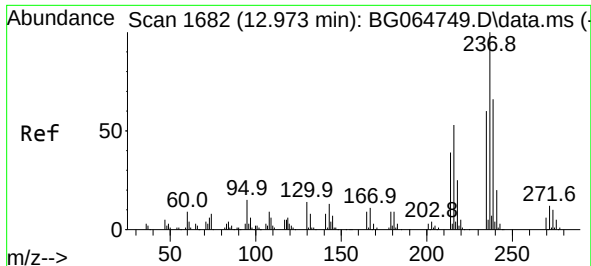


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.505 ng
RT: 12.978 min Scan# 1683
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion:216 Resp: 118865
Ion Ratio Lower Upper
216 100
214 74.3 60.5 90.7
179 17.9 14.7 22.1
108 12.7 10.6 16.0





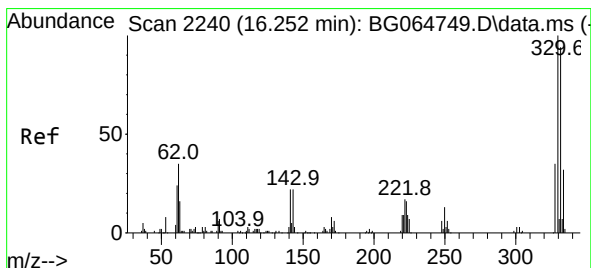
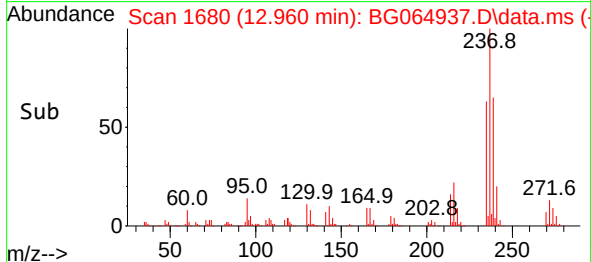
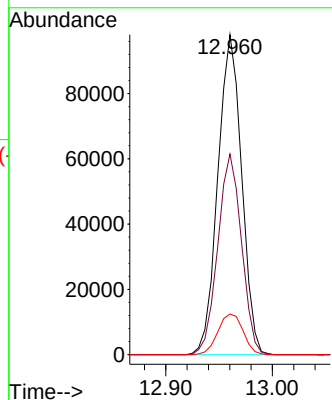
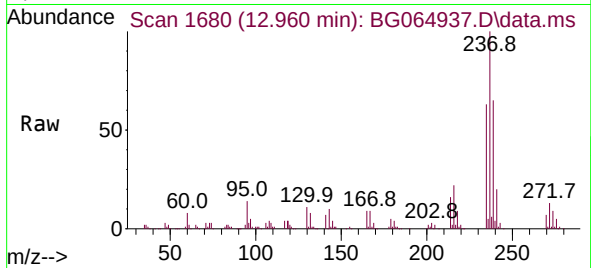
#41
Hexachlorocyclopentadiene
Concen: 91.908 ng
RT: 12.960 min Scan# 1680
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:237 Resp: 152034
Ion Ratio Lower Upper
237 100
235 62.7 40.2 80.2
272 12.7 0.0 31.9

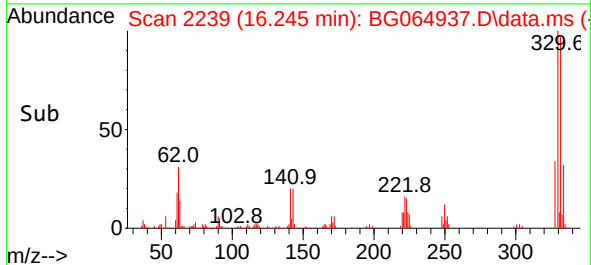
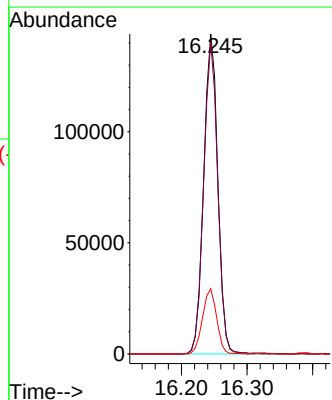
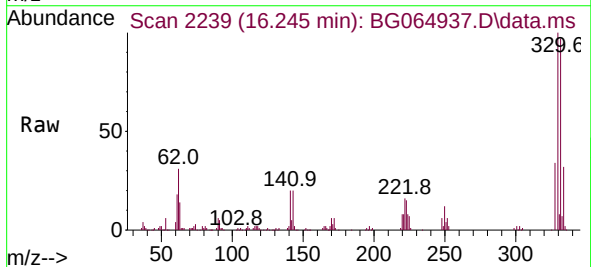
Manual Integrations
APPROVED

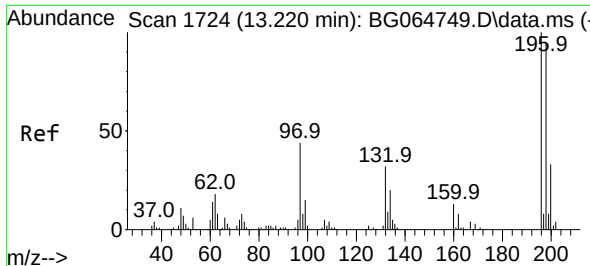
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#42
2,4,6-Tribromophenol
Concen: 184.598 ng
RT: 16.245 min Scan# 2239
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

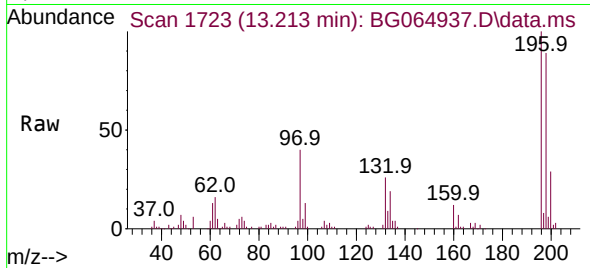
Tgt Ion:330 Resp: 213497
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 20.3 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 56.882 ng
RT: 13.213 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

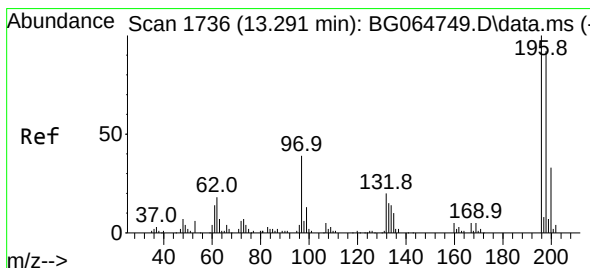
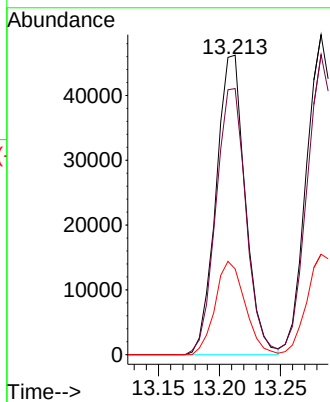
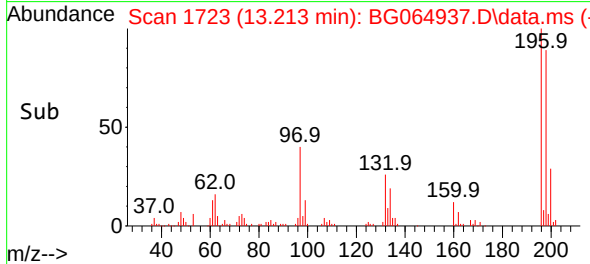
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:196 Resp: 77046
Ion Ratio Lower Upper
196 100
198 88.8 75.3 112.9
200 28.6 26.2 39.2

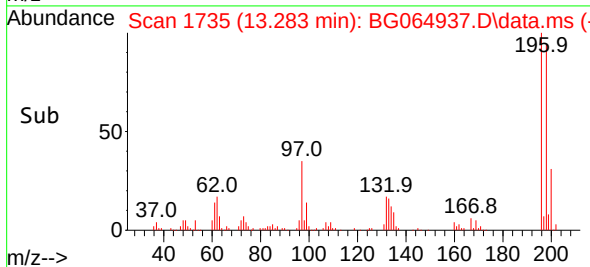
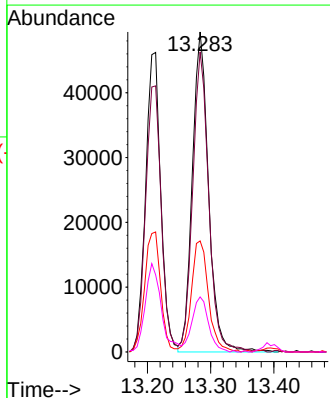
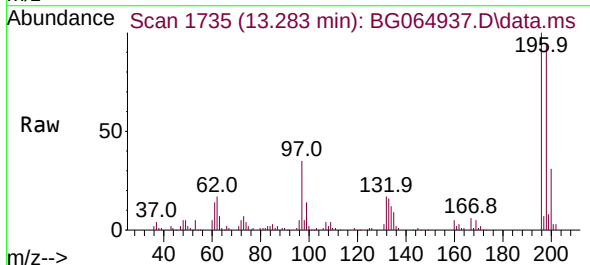
Manual Integrations
APPROVED

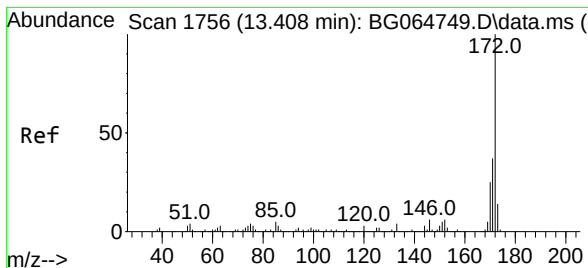
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#44
2,4,5-Trichlorophenol
Concen: 58.059 ng
RT: 13.283 min Scan# 1735
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

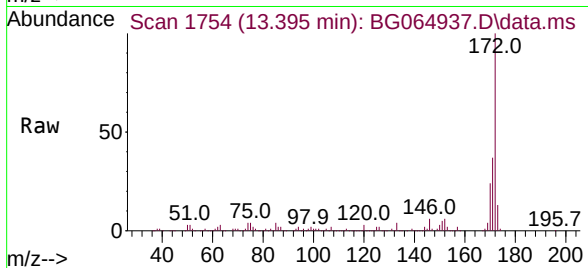
Tgt Ion:196 Resp: 88200
Ion Ratio Lower Upper
196 100
198 93.8 73.2 109.8
97 34.7 31.4 47.0
132 17.2 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 91.760 ng
RT: 13.395 min Scan# 1754
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

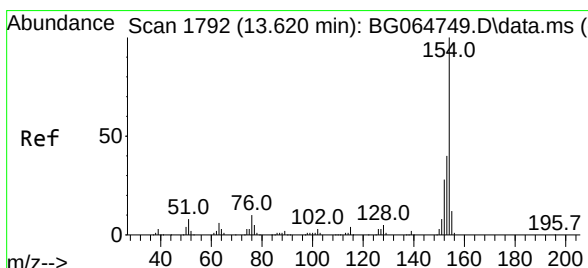
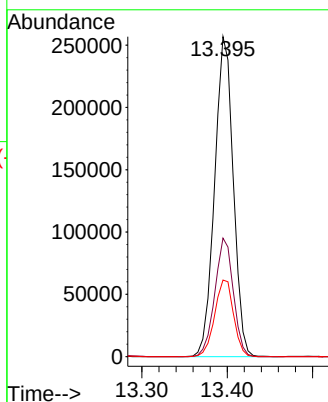
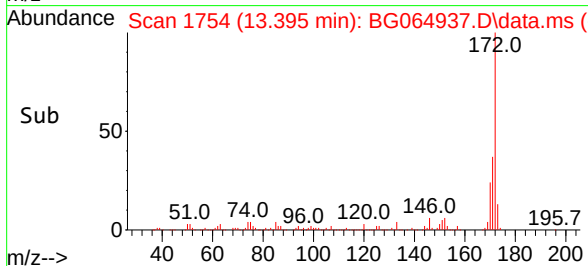
Instrument :
BNA_G
ClientSampleId :
TP-5MS



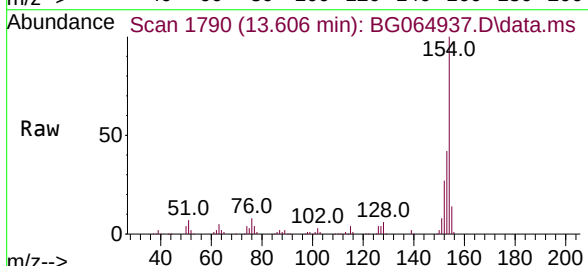
Tgt Ion:172 Resp: 389974
Ion Ratio Lower Upper
172 100
171 37.0 29.9 44.9
170 23.9 19.8 29.6

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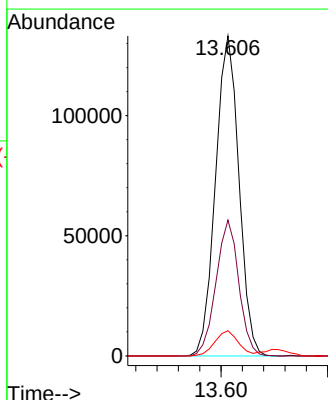
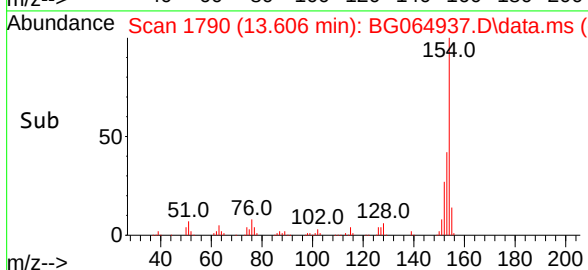
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

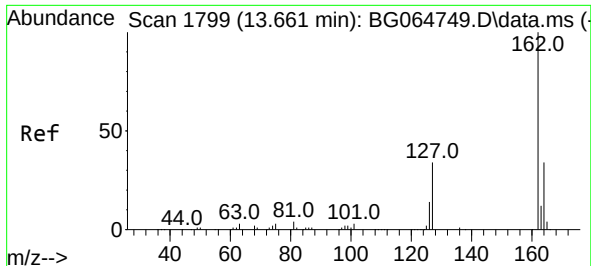


#46
1,1'-Biphenyl
Concen: 47.736 ng
RT: 13.606 min Scan# 1790
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion:154 Resp: 203317
Ion Ratio Lower Upper
154 100
153 42.4 19.8 59.8
76 7.9 0.0 30.0





#47

2-Chloronaphthalene

Concen: 47.492 ng

RT: 13.653 min Scan# 1799

Delta R.T. -0.007 min

Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:162 Resp: 159359

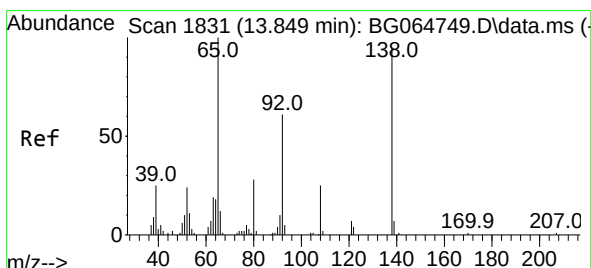
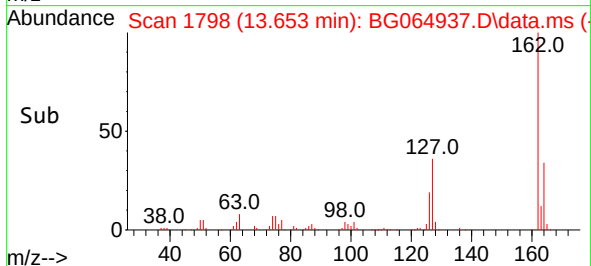
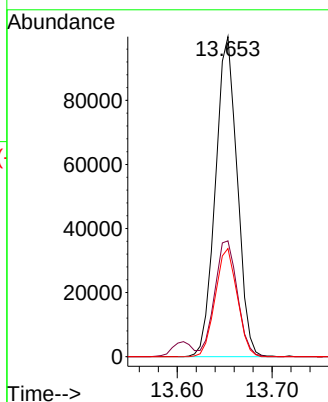
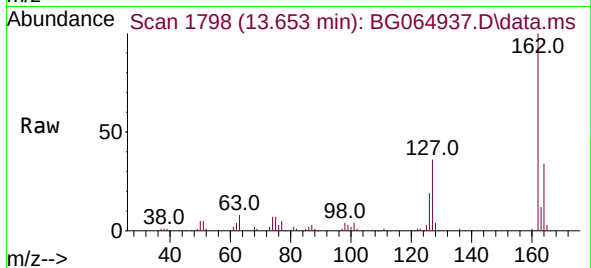
Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.3	45.5
164	33.8	26.8	40.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#48

2-Nitroaniline

Concen: 48.548 ng

RT: 13.842 min Scan# 1830

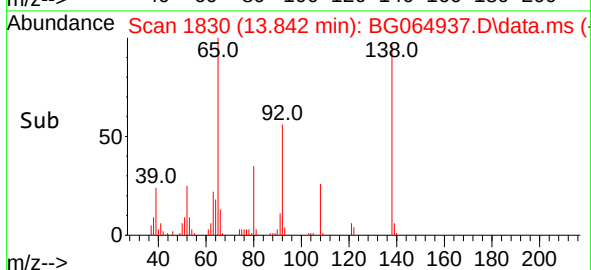
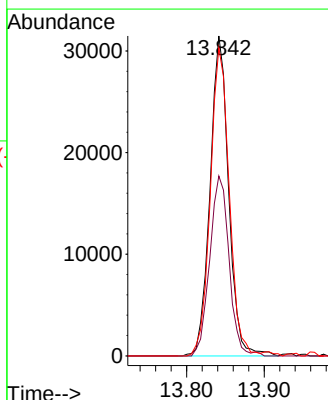
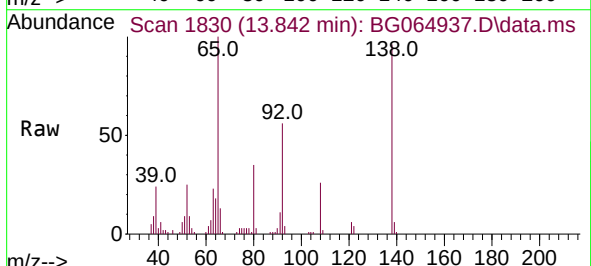
Delta R.T. -0.007 min

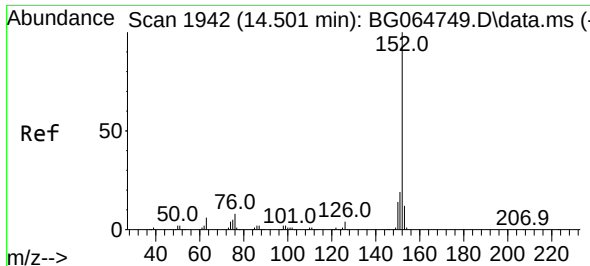
Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

Tgt Ion: 65 Resp: 52396

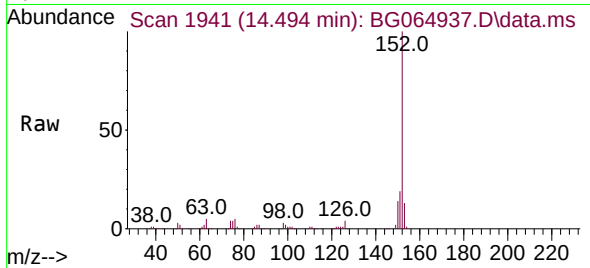
Ion	Ratio	Lower	Upper
65	100		
92	56.3	48.6	73.0
138	96.3	76.4	114.6





#49
Acenaphthylene
Concen: 49.155 ng
RT: 14.494 min Scan# 1942
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

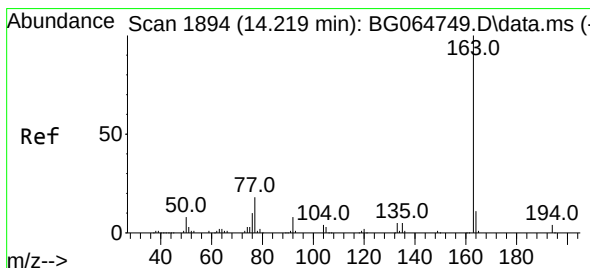
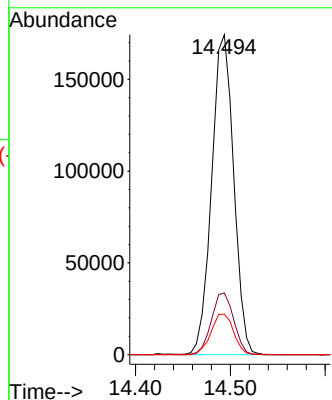
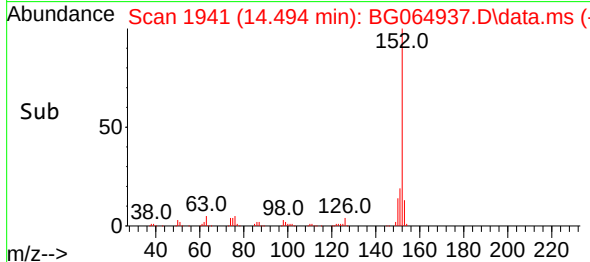
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:152 Resp: 28178
Ion Ratio Lower Upper
152 100
151 19.3 15.0 22.4
153 12.6 9.9 14.9

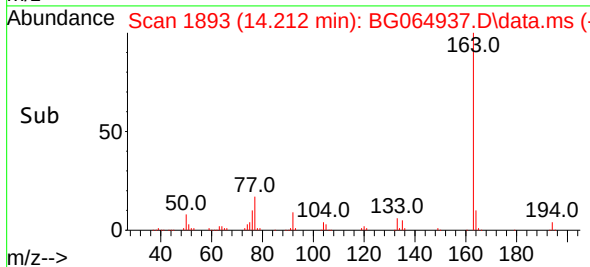
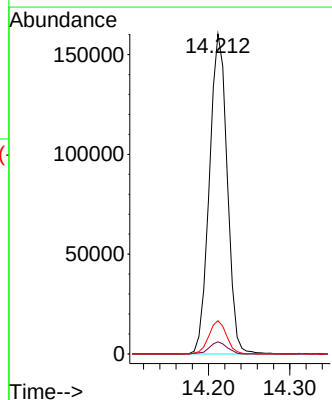
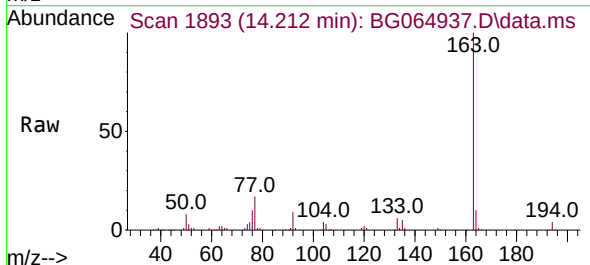
Manual Integrations
APPROVED

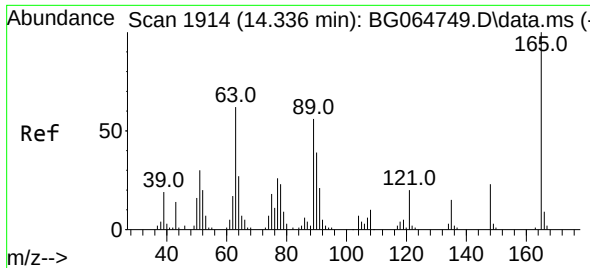
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#50
Dimethylphthalate
Concen: 52.207 ng
RT: 14.212 min Scan# 1893
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

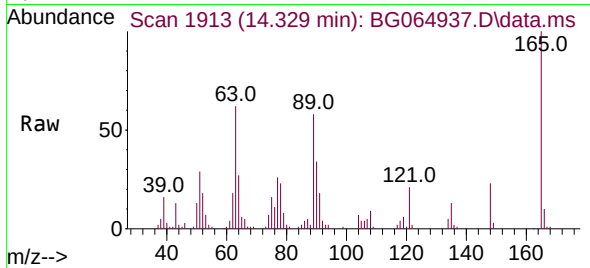
Tgt Ion:163 Resp: 244558
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 54.914 ng
RT: 14.329 min Scan# 1914
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

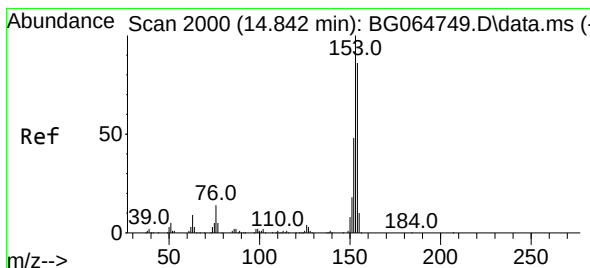
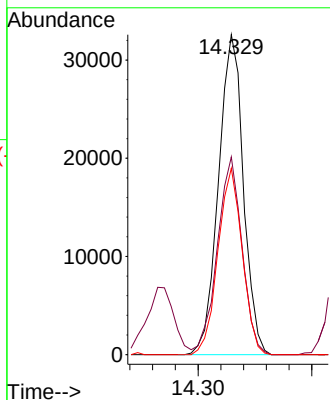
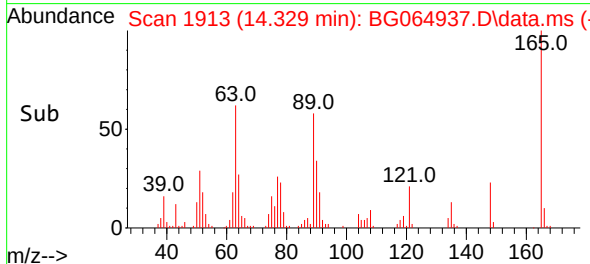
Instrument :
BNA_G
ClientSampleId :
TP-5MS



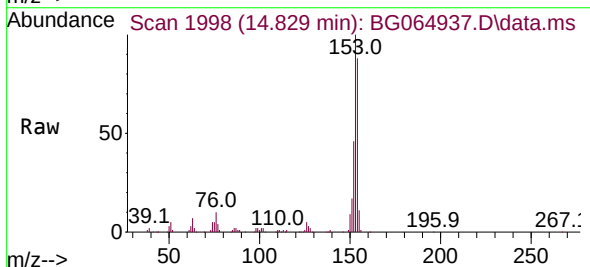
Tgt Ion:165 Resp: 49499
Ion Ratio Lower Upper
165 100
63 61.8 49.8 74.8
89 58.2 45.0 67.4

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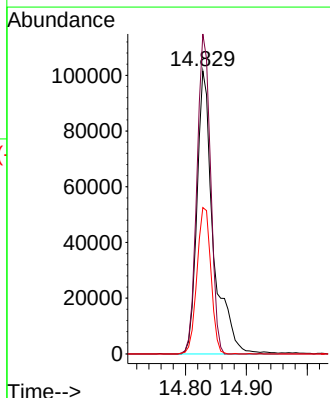
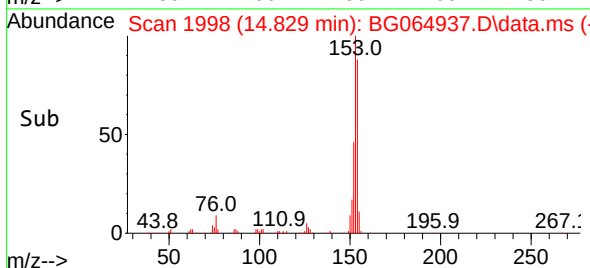
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

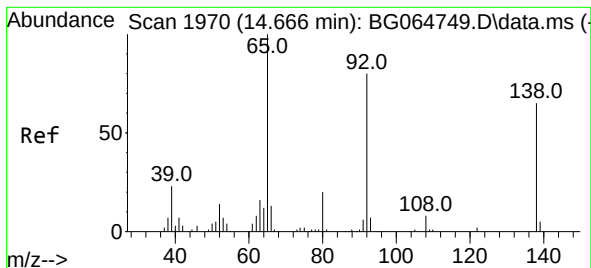


#52
Acenaphthene
Concen: 55.077 ng
RT: 14.829 min Scan# 1998
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



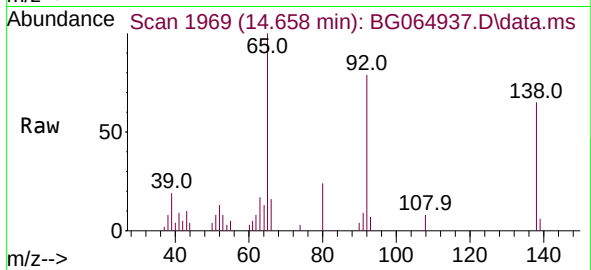
Tgt Ion:154 Resp: 189309
Ion Ratio Lower Upper
154 100
153 113.1 93.0 139.4
152 51.7 44.4 66.6





#53
3-Nitroaniline
Concen: 8.798 ng
RT: 14.658 min Scan# 1970
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

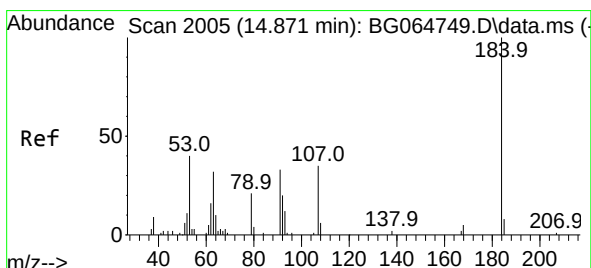
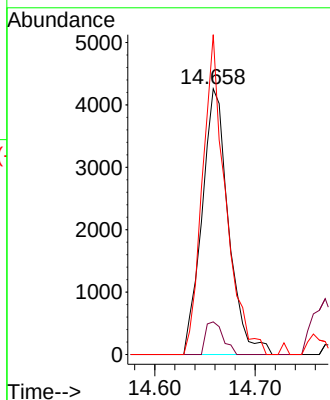
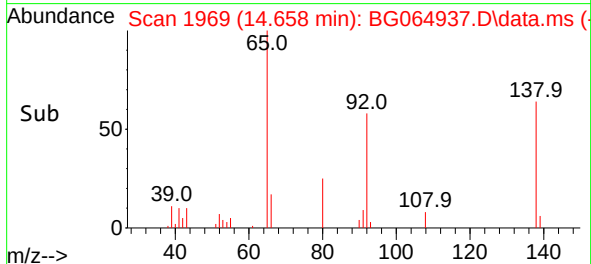
Instrument :
BNA_G
ClientSampleId :
TP-5MS



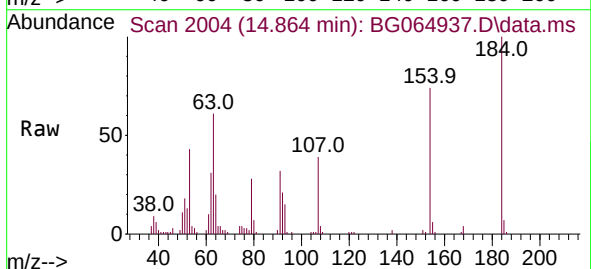
Tgt Ion:138 Resp: 782
Ion Ratio Lower Upper
138 100
108 12.3 9.5 14.3
92 120.4 99.0 148.4

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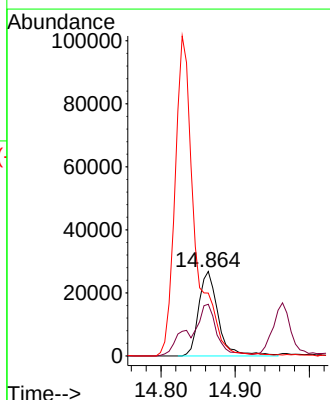
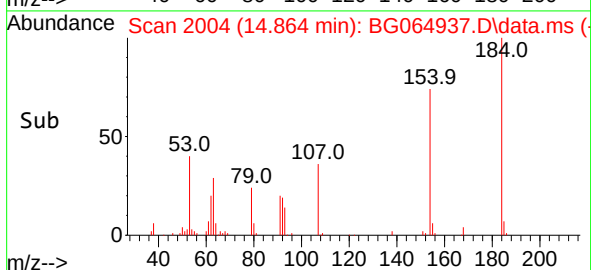
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

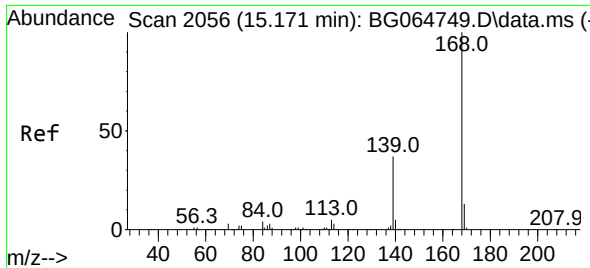


#54
2,4-Dinitrophenol
Concen: 79.200 ng
RT: 14.864 min Scan# 2004
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



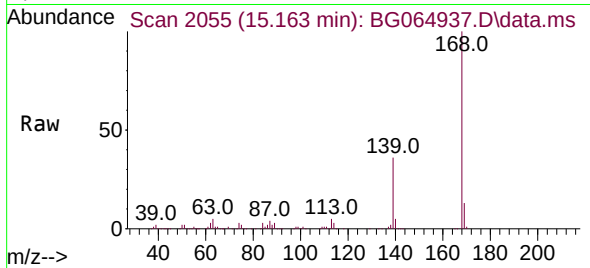
Tgt Ion:184 Resp: 48843
Ion Ratio Lower Upper
184 100
63 61.1 45.8 68.6
154 74.4 52.6 78.8





#55
Dibenzofuran
Concen: 50.927 ng
RT: 15.163 min Scan# 2055
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

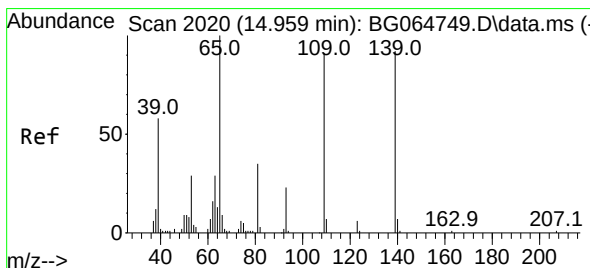
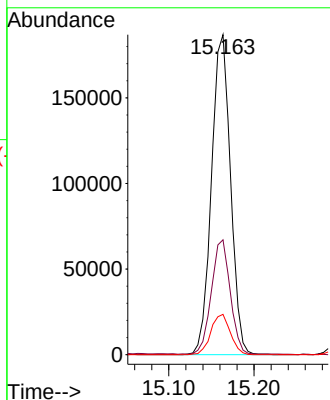
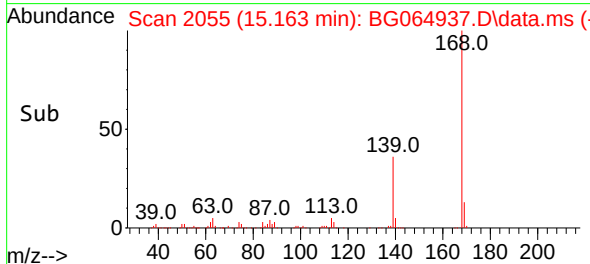
Instrument :
BNA_G
ClientSampleId :
TP-5MS



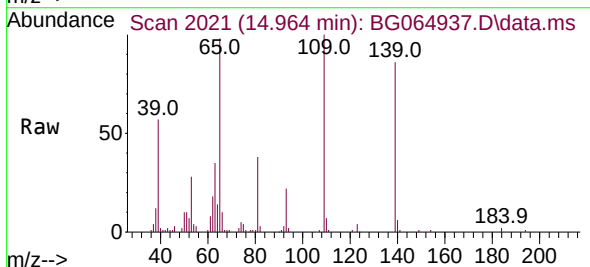
Tgt Ion:168 Resp: 28939
Ion Ratio Lower Upper
168 100
139 35.9 29.5 44.3
169 12.6 10.4 15.6

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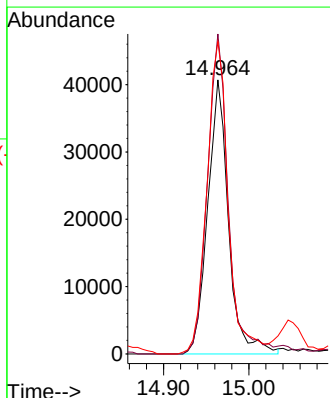
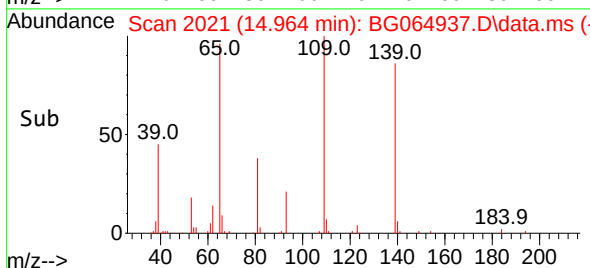
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

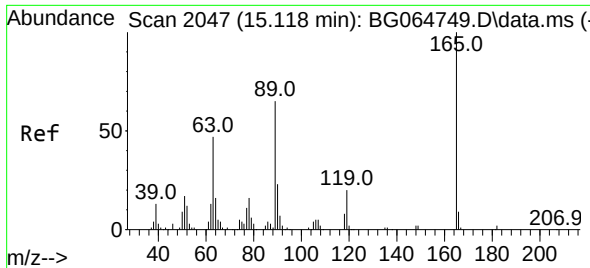


#56
4-Nitrophenol
Concen: 97.502 ng
RT: 14.964 min Scan# 2021
Delta R.T. 0.004 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion:139 Resp: 68822
Ion Ratio Lower Upper
139 100
109 116.8 79.7 119.7
65 114.0 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 55.726 ng
RT: 15.111 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

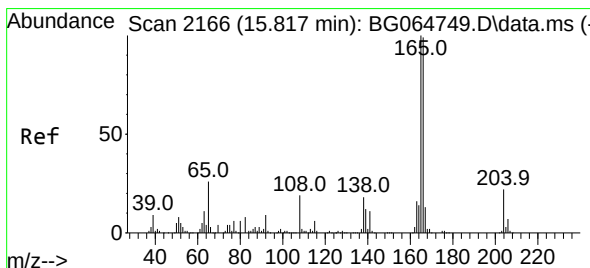
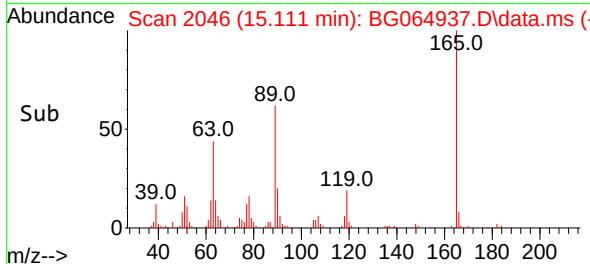
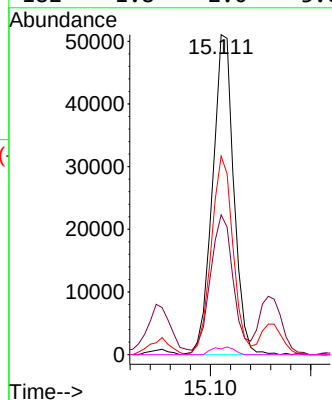
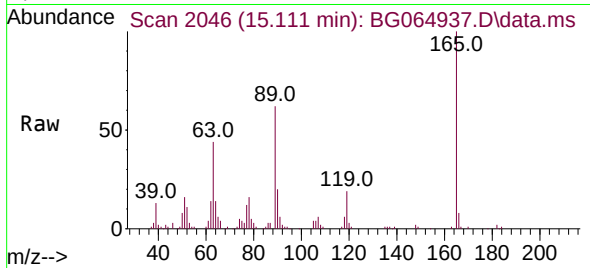
TP-5MS

Tgt Ion:165 Resp: 75306
Ion Ratio Lower Upper
165 100
63 43.7 37.8 56.6
89 62.0 51.6 77.4
182 1.8 2.0 3.0#

Manual Integrations

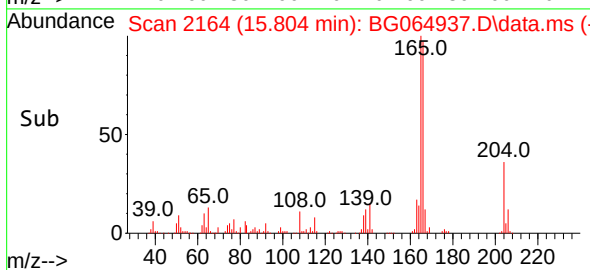
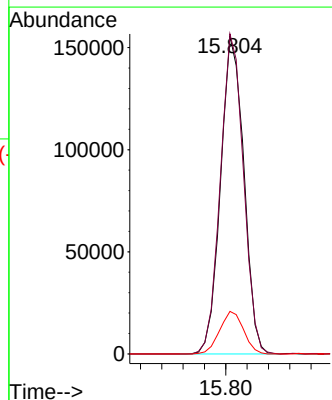
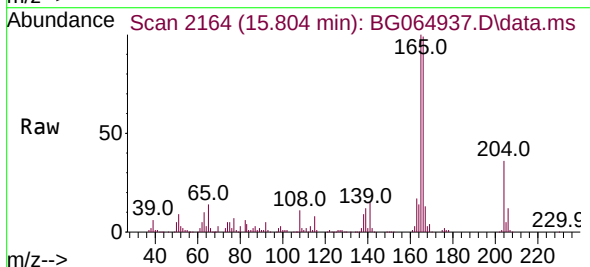
APPROVED

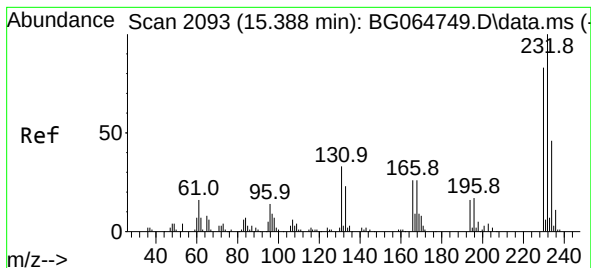
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#58
Fluorene
Concen: 52.731 ng
RT: 15.804 min Scan# 2164
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

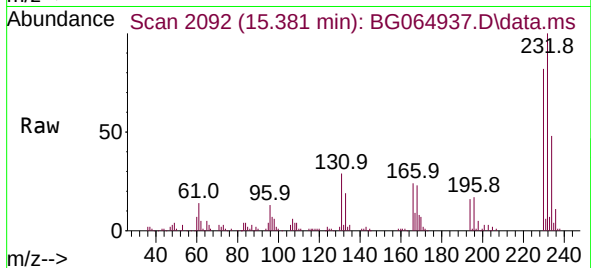
Tgt Ion:166 Resp: 235011
Ion Ratio Lower Upper
166 100
165 100.7 80.5 120.7
167 13.4 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 66.484 ng
RT: 15.381 min Scan# 2093
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

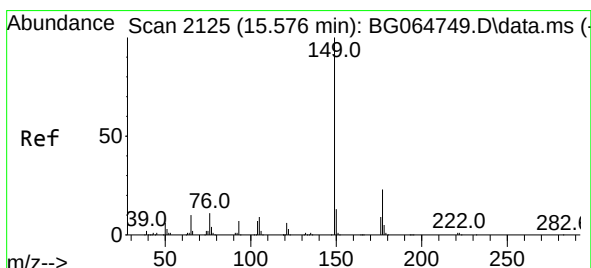
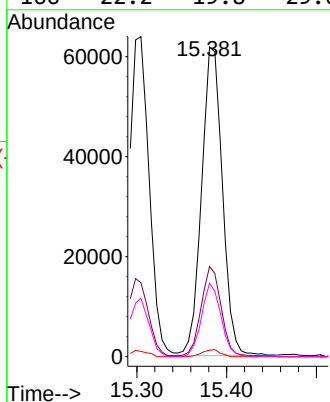
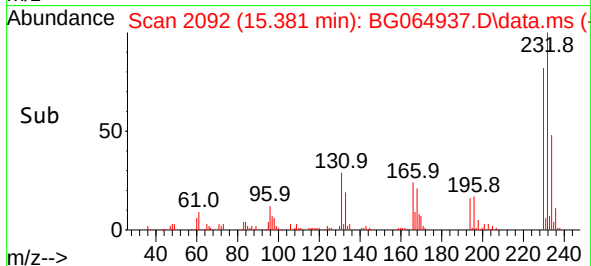
Instrument :
BNA_G
ClientSampleId :
TP-5MS



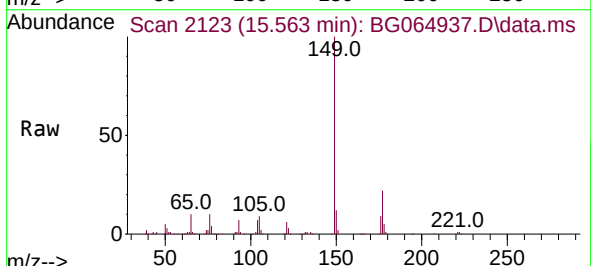
Tgt Ion:232 Resp: 99652
Ion Ratio Lower Upper
232 100
131 27.5 26.0 39.0
130 1.9 1.6 2.4
166 22.2 19.8 29.6

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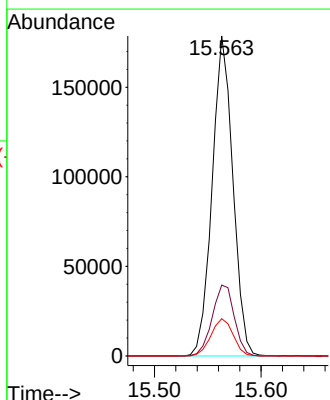
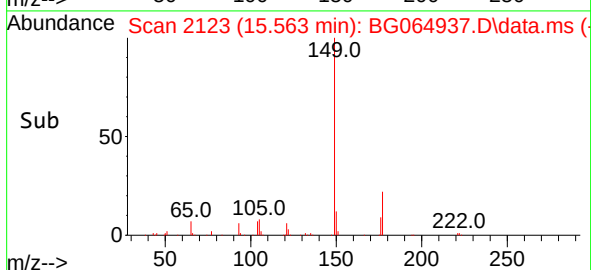
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

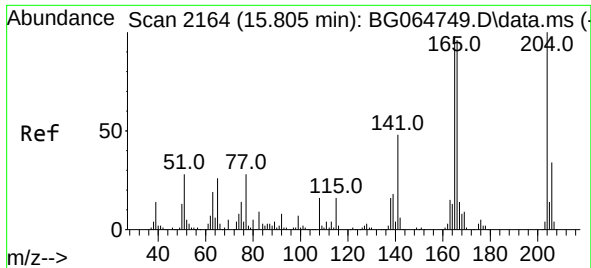


#60
Diethylphthalate
Concen: 53.777 ng
RT: 15.563 min Scan# 2123
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



Tgt Ion:149 Resp: 241323
Ion Ratio Lower Upper
149 100
177 22.1 18.4 27.6
150 11.6 10.1 15.1





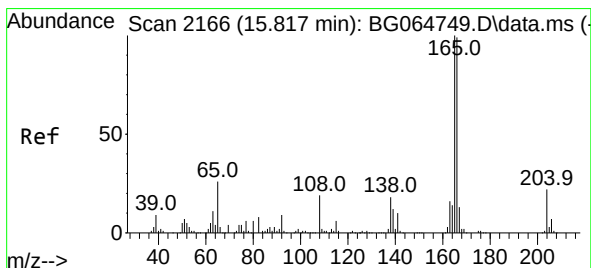
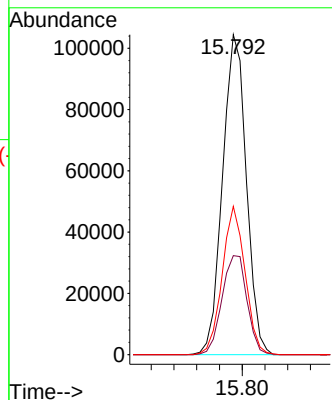
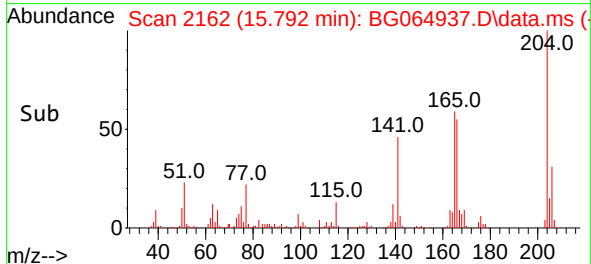
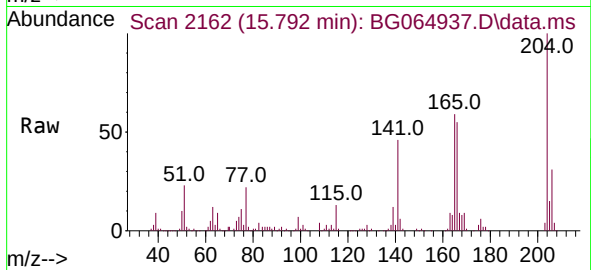
#61
4-Chlorophenyl-phenylether
Concen: 56.602 ng
RT: 15.792 min Scan# 2162
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:204 Resp: 151392
Ion Ratio Lower Upper
204 100
206 30.9 26.9 40.3
141 46.3 38.1 57.1

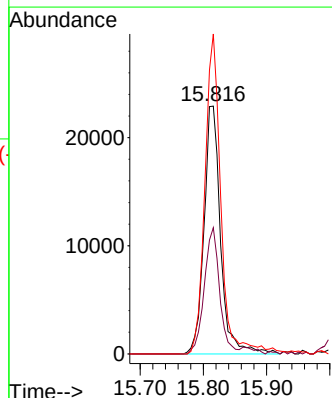
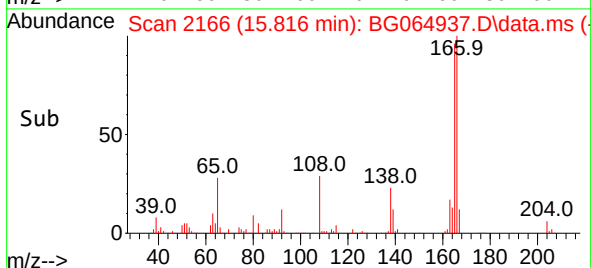
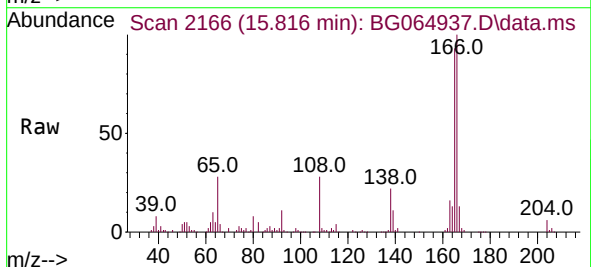
Manual Integrations
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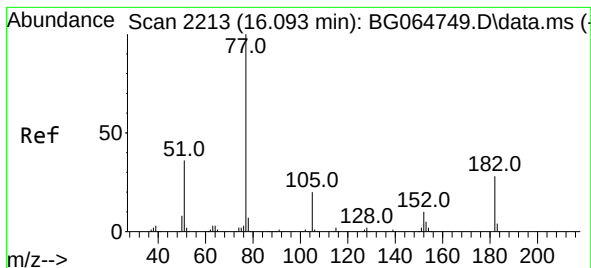
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#62
4-Nitroaniline
Concen: 45.304 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Tgt Ion:138 Resp: 41755
Ion Ratio Lower Upper
138 100
92 51.0 30.7 70.7
108 129.2 85.7 125.7#





#63

Azobenzene

Concen: 45.552 ng

RT: 16.086 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion: 77 Resp: 170023

Ion Ratio Lower Upper

77 100

182 34.9 8.1 48.1

105 21.3 0.1 40.1

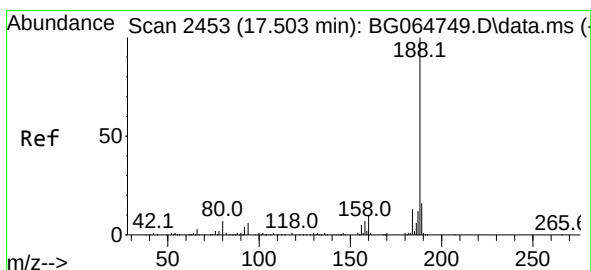
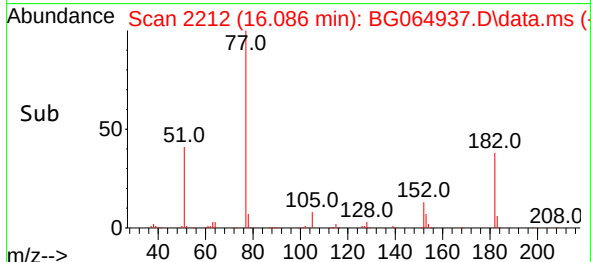
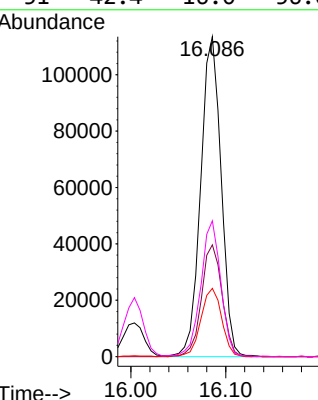
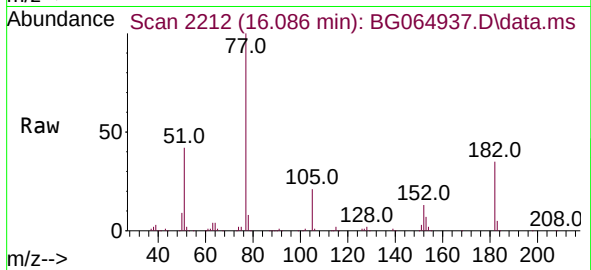
51 42.4 16.0 56.0

Manual Integrations

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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: BG064937.D

Acq: 11 Dec 2025 16:54

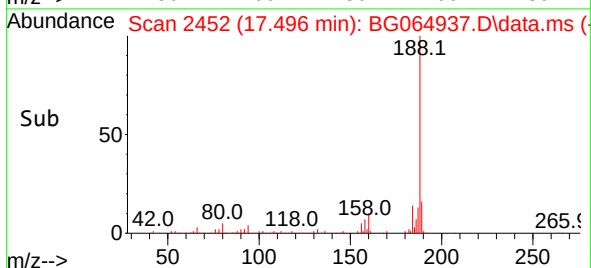
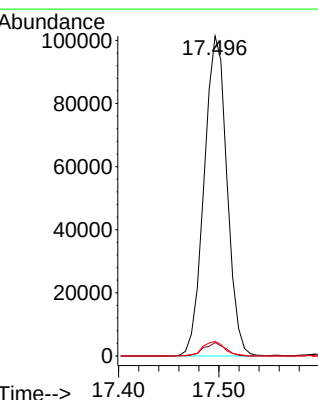
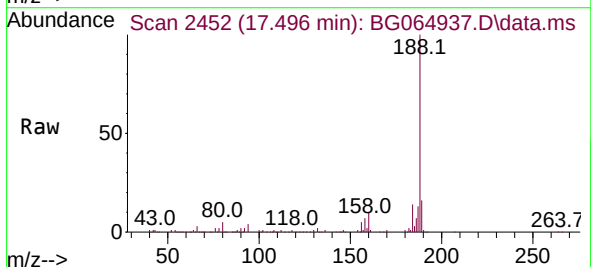
Tgt Ion:188 Resp: 160416

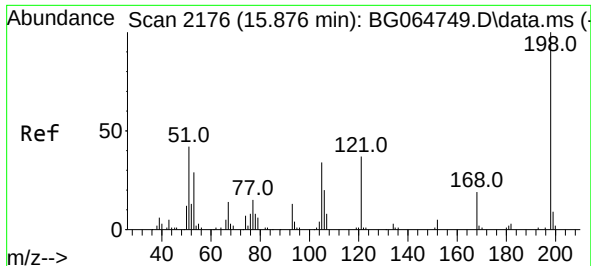
Ion Ratio Lower Upper

188 100

94 4.2 4.7 7.1#

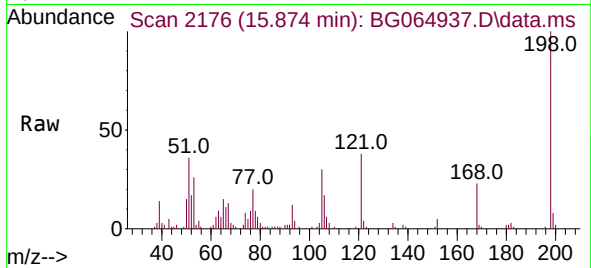
80 4.5 5.4 8.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 50.124 ng
RT: 15.874 min Scan# 2176
Delta R.T. -0.001 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

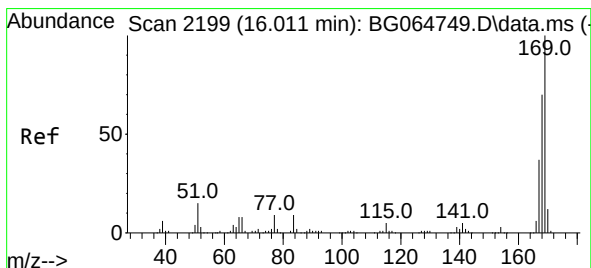
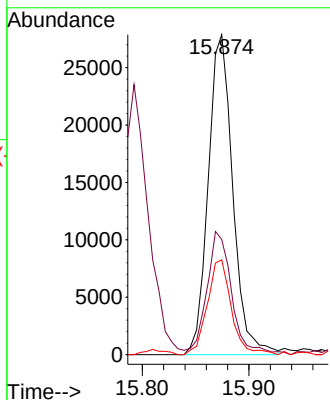
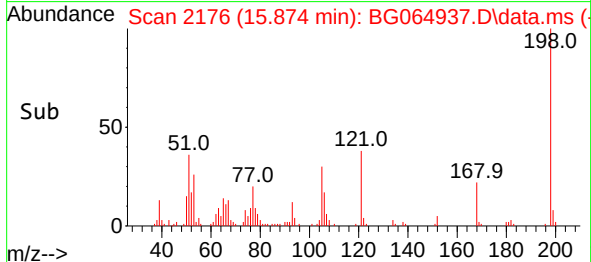
Instrument :
BNA_G
ClientSampleId :
TP-5MS



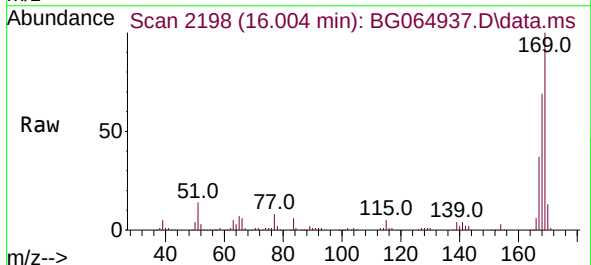
Tgt Ion:198 Resp: 44644
Ion Ratio Lower Upper
198 100
51 36.0 25.2 65.2
105 29.6 14.2 54.2

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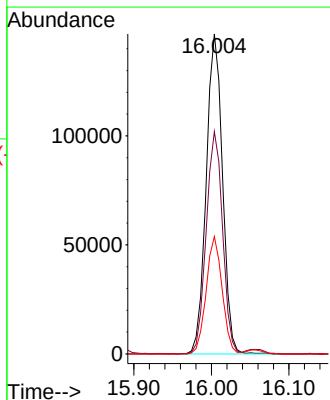
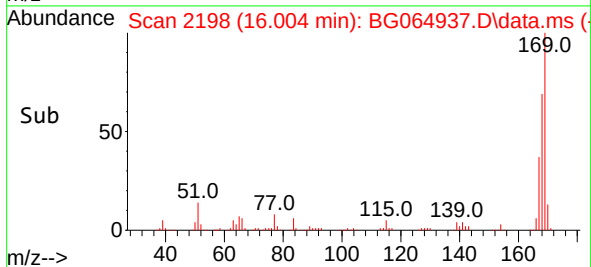
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

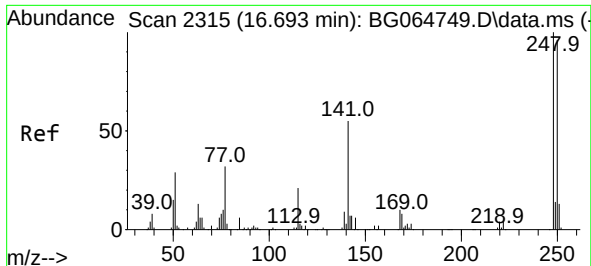


#66
n-Nitrosodiphenylamine
Concen: 50.950 ng
RT: 16.004 min Scan# 2198
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



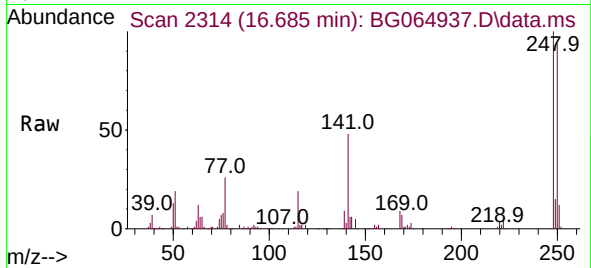
Tgt Ion:169 Resp: 214085
Ion Ratio Lower Upper
169 100
168 69.5 55.9 83.9
167 36.7 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 56.868 ng
RT: 16.685 min Scan# 2314
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

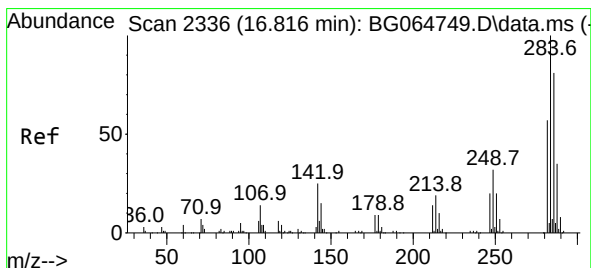
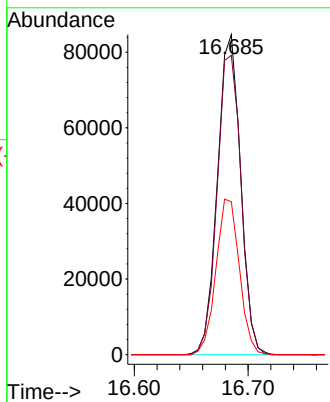
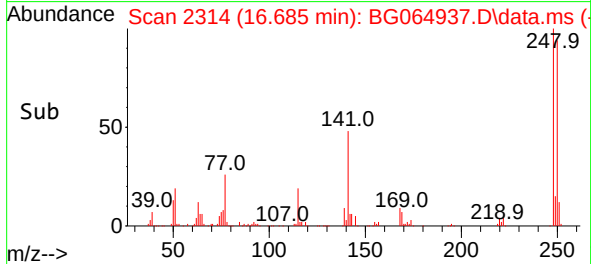
Instrument :
BNA_G
ClientSampleId :
TP-5MS



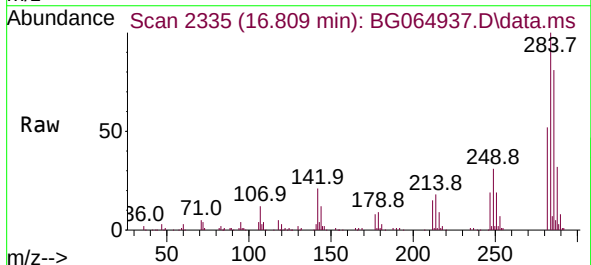
Tgt Ion:248 Resp: 119799
Ion Ratio Lower Upper
248 100
250 93.5 77.0 115.6
141 47.8 43.7 65.5

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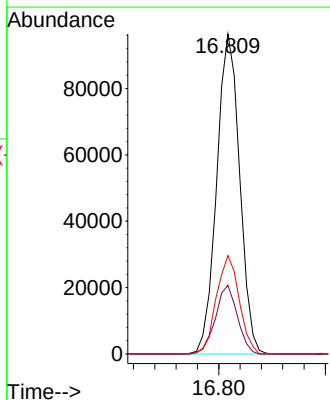
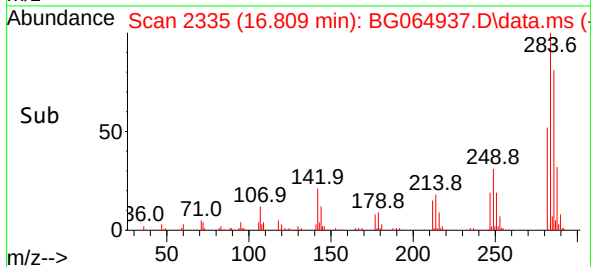
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

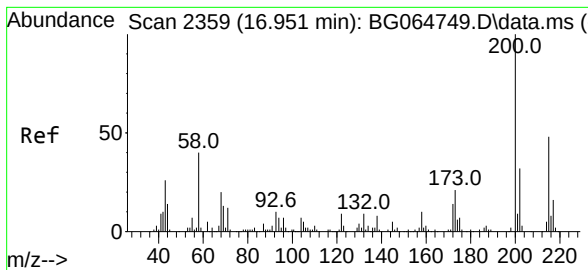


#68
Hexachlorobenzene
Concen: 56.474 ng
RT: 16.809 min Scan# 2335
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54



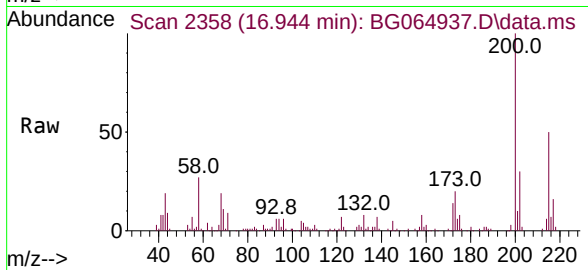
Tgt Ion:284 Resp: 144138
Ion Ratio Lower Upper
284 100
142 21.4 19.7 29.5
249 32.8 28.1 42.1





#69
 Atrazine
 Concen: 46.911 ng
 RT: 16.944 min Scan# 2358
 Delta R.T. -0.007 min
 Lab File: BG064937.D
 Acq: 11 Dec 2025 16:54

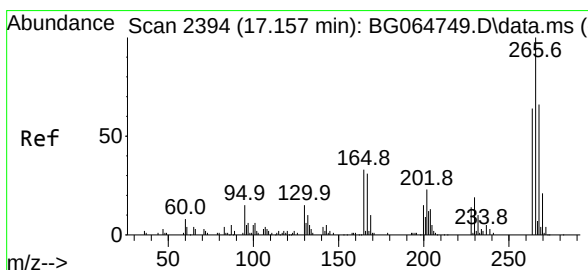
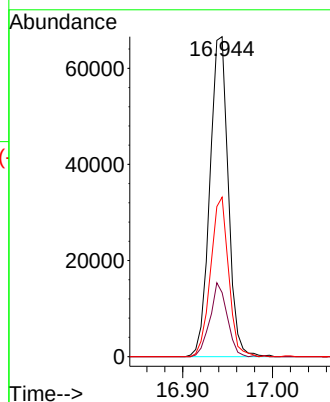
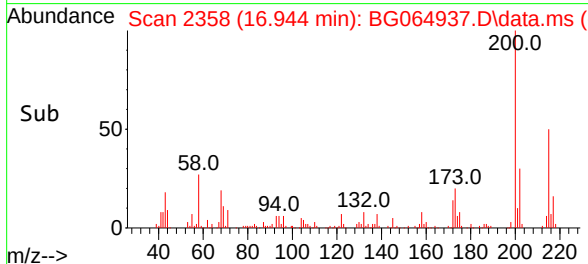
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS



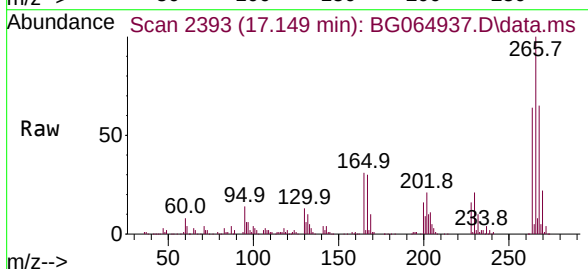
Tgt Ion:200 Resp: 95034
 Ion Ratio Lower Upper
 200 100
 173 20.0 0.9 40.9
 215 49.8 27.5 67.5

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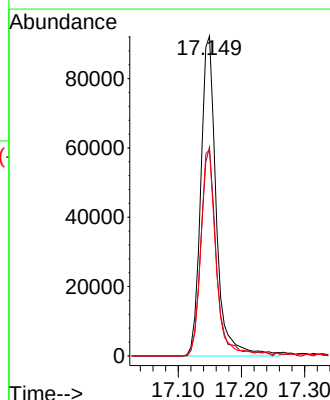
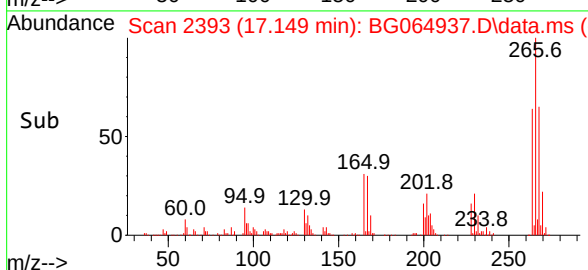
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025

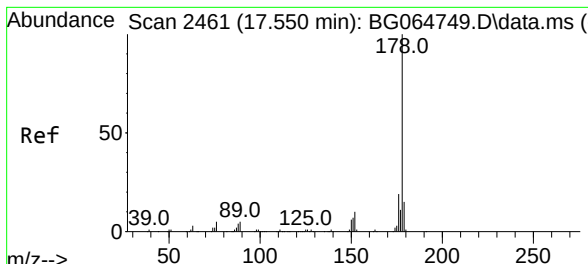


#70
 Pentachlorophenol
 Concen: 102.213 ng
 RT: 17.149 min Scan# 2393
 Delta R.T. -0.008 min
 Lab File: BG064937.D
 Acq: 11 Dec 2025 16:54



Tgt Ion:266 Resp: 157168
 Ion Ratio Lower Upper
 266 100
 268 70.3 56.1 84.1
 264 64.5 51.2 76.8





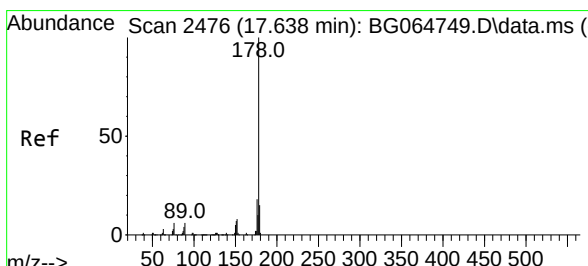
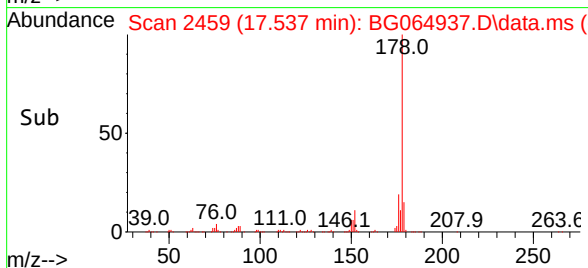
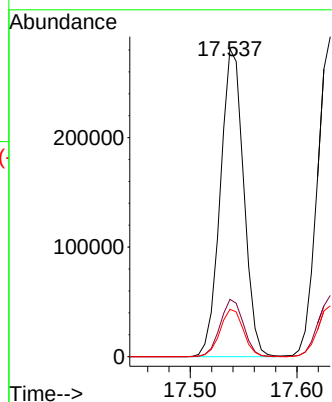
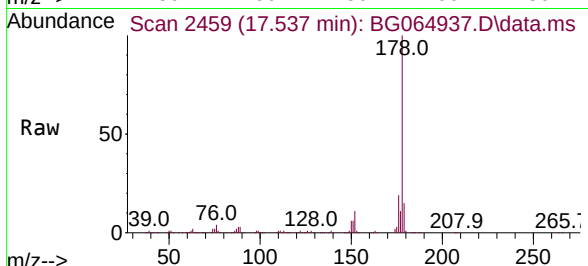
#71
Phenanthrene
Concen: 48.799 ng
RT: 17.537 min Scan# 2459
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:178 Resp: 428302
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.2 18.4

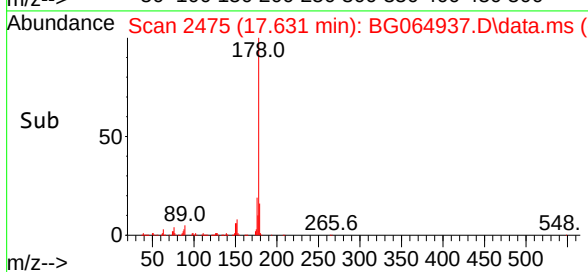
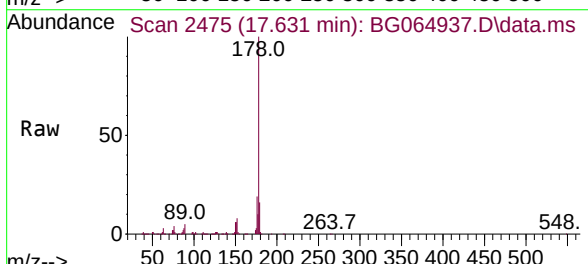
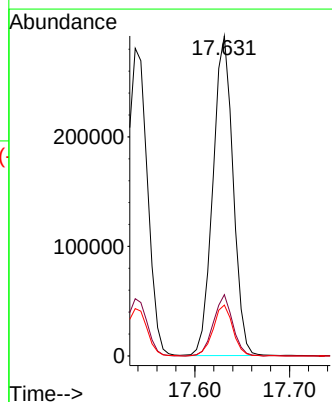
Manual Integrations
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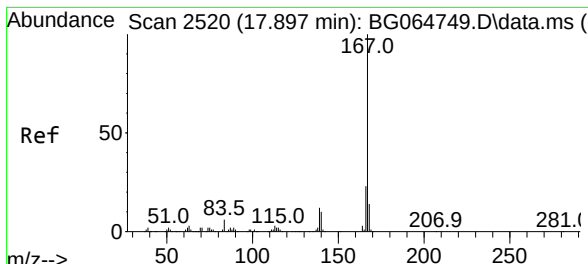
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#72
Anthracene
Concen: 48.183 ng
RT: 17.631 min Scan# 2475
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

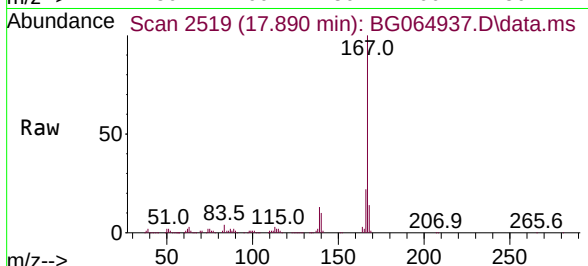
Tgt Ion:178 Resp: 431220
Ion Ratio Lower Upper
178 100
176 19.1 14.5 21.7
179 15.9 12.2 18.4





#73
 Carbazole
 Concen: 47.707 ng
 RT: 17.890 min Scan# 2519
 Delta R.T. -0.007 min
 Lab File: BG064937.D
 Acq: 11 Dec 2025 16:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

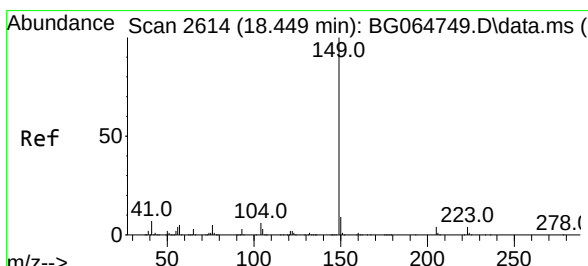
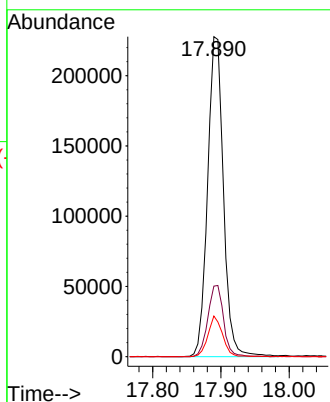
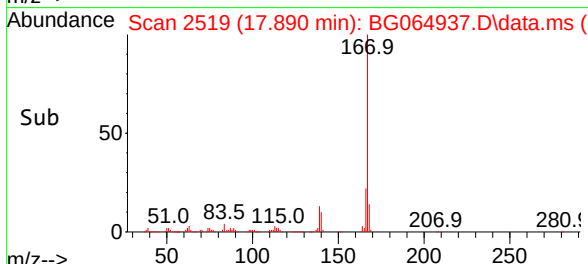


Tgt Ion:167 Resp: 367041

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	12.7	9.7	14.5

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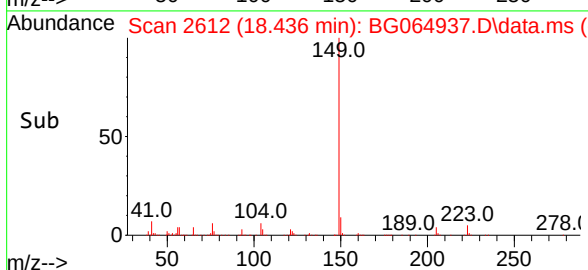
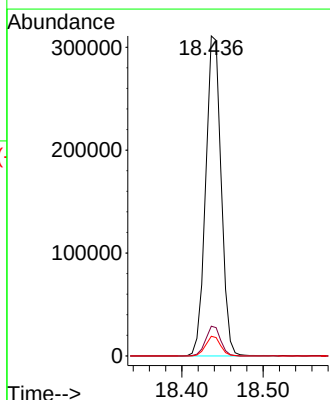
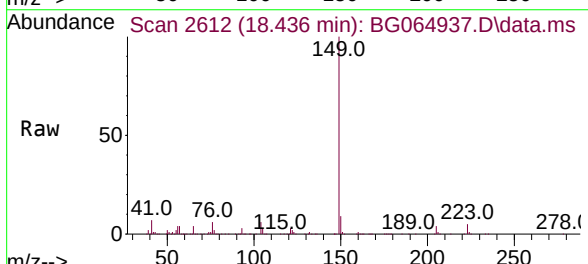
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025

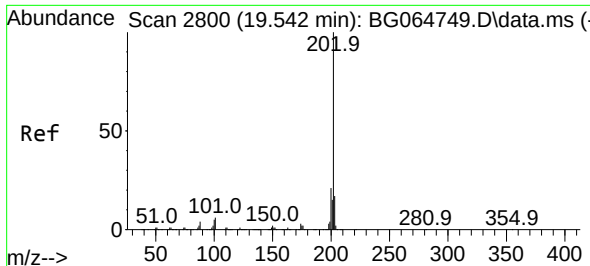


#74
 Di-n-butylphthalate
 Concen: 47.876 ng
 RT: 18.436 min Scan# 2612
 Delta R.T. -0.013 min
 Lab File: BG064937.D
 Acq: 11 Dec 2025 16:54

Tgt Ion:149 Resp: 410943

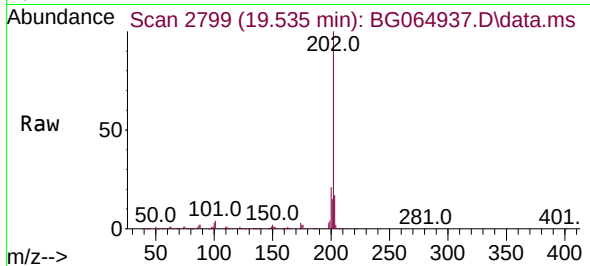
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	6.1	4.4	6.6





#75
Fluoranthene
Concen: 47.319 ng
RT: 19.535 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

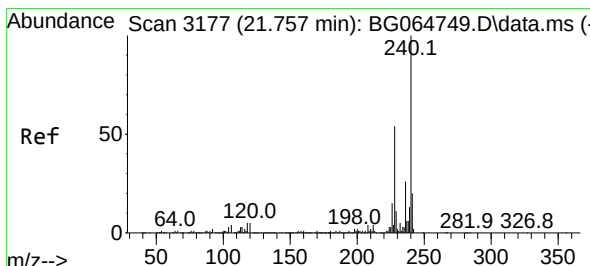
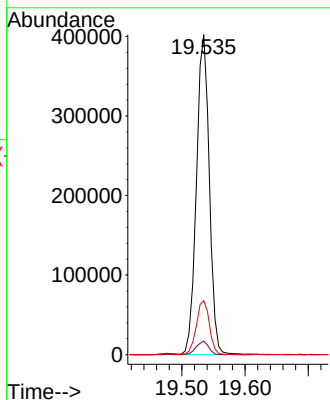
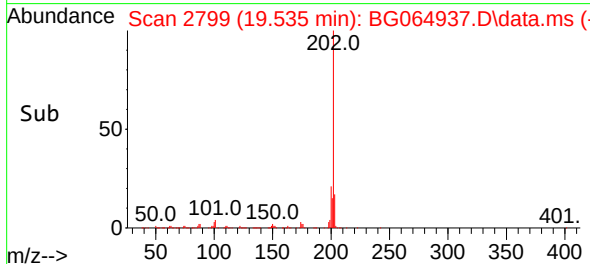
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:202 Resp: 567913
Ion Ratio Lower Upper
202 100
101 4.2 0.0 26.4
203 16.8 0.0 37.5

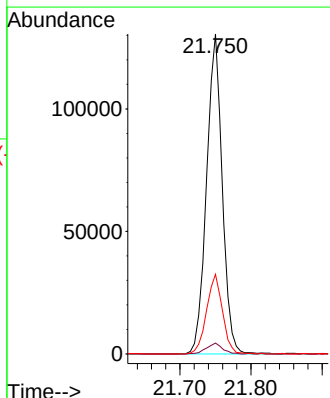
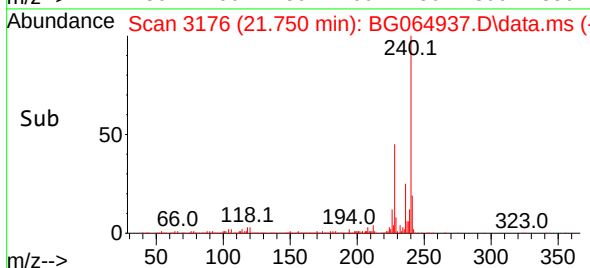
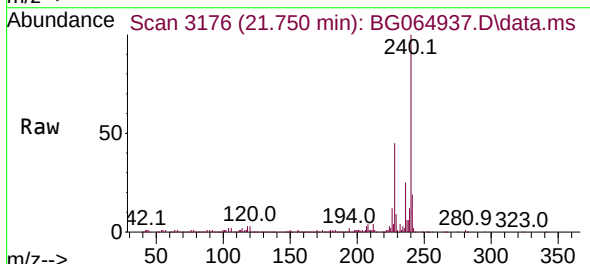
Manual Integrations
APPROVED

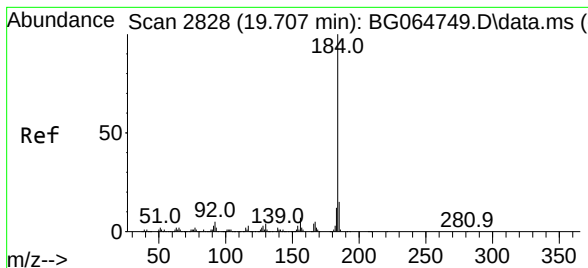
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Tgt Ion:240 Resp: 199439
Ion Ratio Lower Upper
240 100
120 3.4 4.2 6.4#
236 24.9 20.8 31.2





#77

Benzidine

Concen: 10.621 ng m

RT: 19.717 min Scan# 2828

Delta R.T. 0.010 min

Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:184 Resp: 63436

Ion Ratio Lower Upper

184 100

185 17.8 11.8 17.6

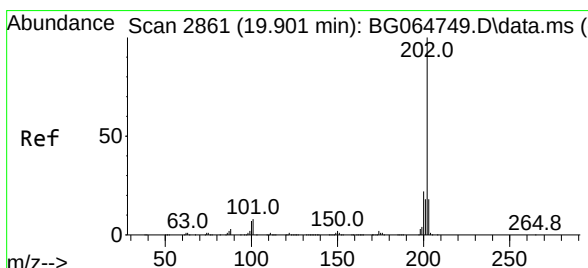
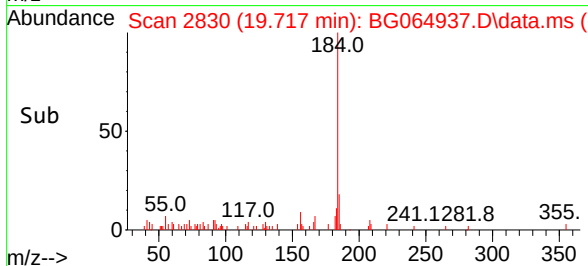
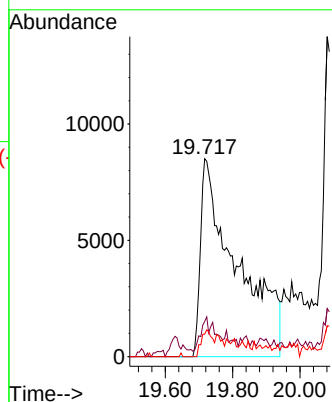
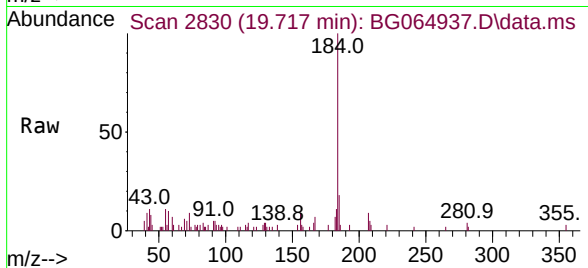
183 11.4 9.8 14.6

Manual Integrations

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Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#78

Pyrene

Concen: 52.070 ng

RT: 19.893 min Scan# 2860

Delta R.T. -0.007 min

Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

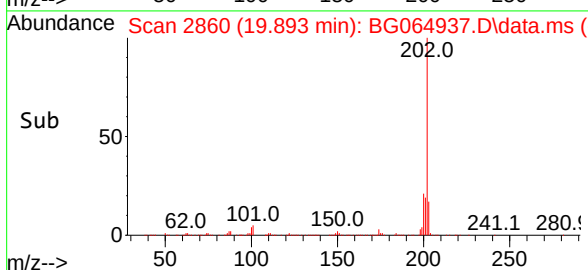
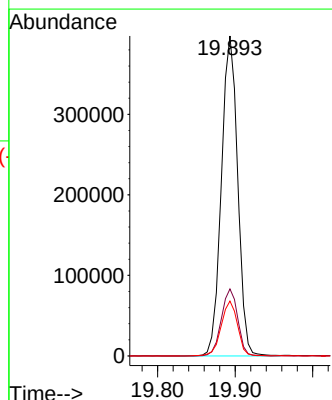
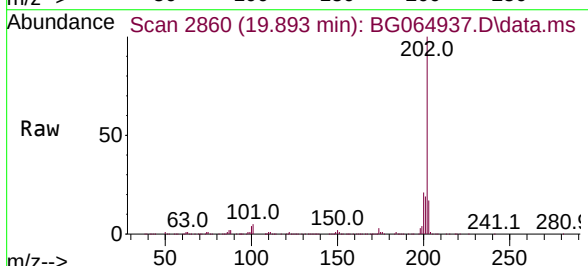
Tgt Ion:202 Resp: 582023

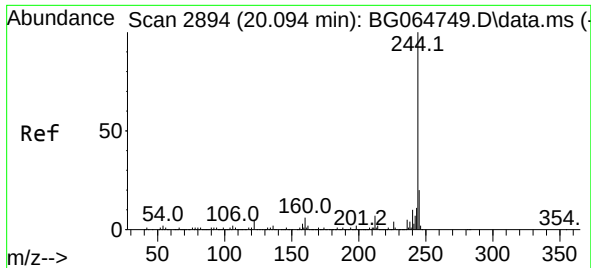
Ion Ratio Lower Upper

202 100

200 20.9 17.9 26.9

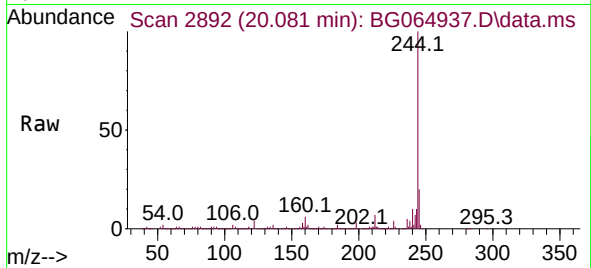
203 17.1 14.0 21.0





#79
 Terphenyl-d14
 Concen: 103.653 ng
 RT: 20.081 min Scan# 2894
 Delta R.T. -0.013 min
 Lab File: BG064937.D
 Acq: 11 Dec 2025 16:54

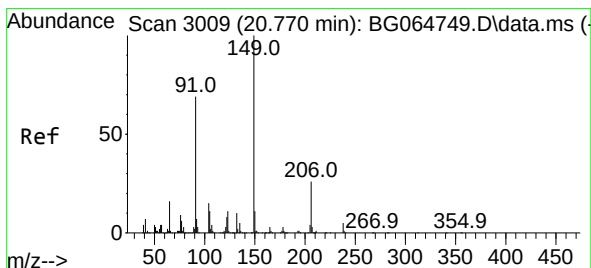
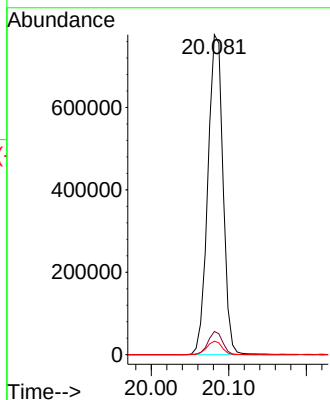
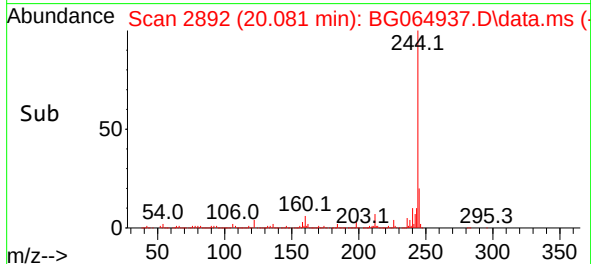
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS



Tgt Ion:244 Resp: 1050918
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 4.2 4.3 6.5

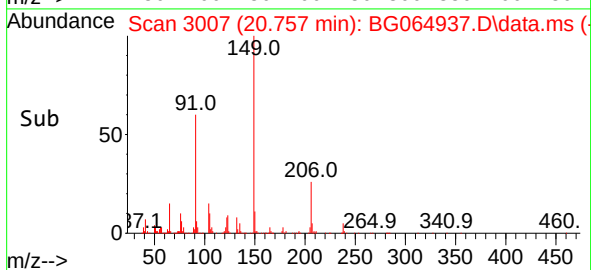
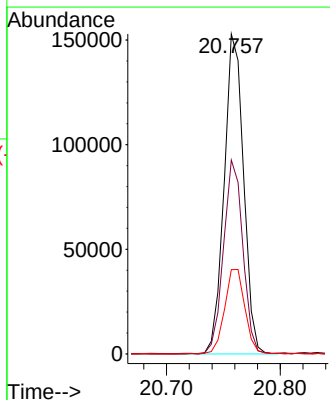
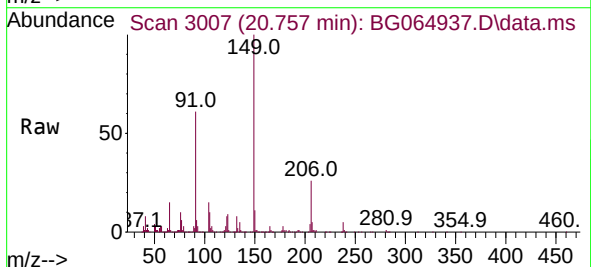
Manual Integrations
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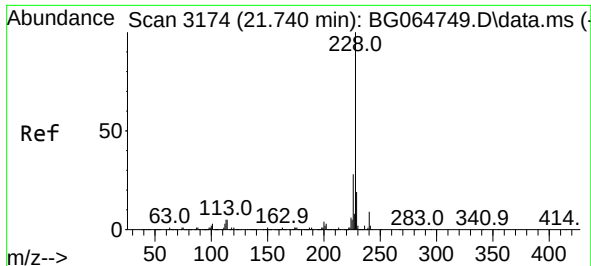
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025



#80
 Butylbenzylphthalate
 Concen: 46.162 ng
 RT: 20.757 min Scan# 3007
 Delta R.T. -0.013 min
 Lab File: BG064937.D
 Acq: 11 Dec 2025 16:54

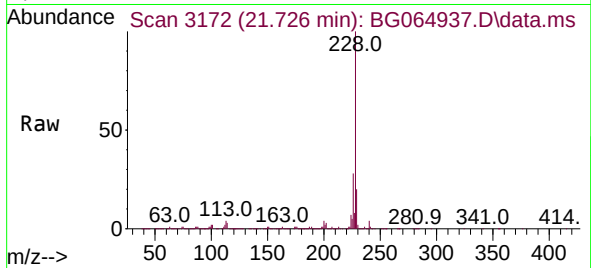
Tgt Ion:149 Resp: 181491
 Ion Ratio Lower Upper
 149 100
 91 60.6 54.9 82.3
 206 26.3 21.2 31.8





#81
Benzo(a)anthracene
Concen: 49.294 ng
RT: 21.726 min Scan# 3172
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

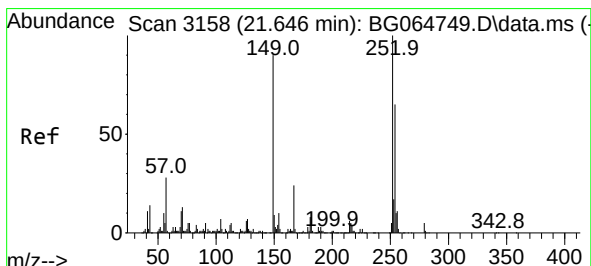
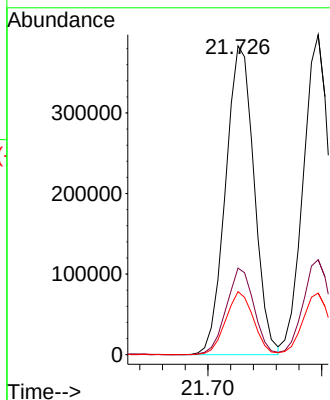
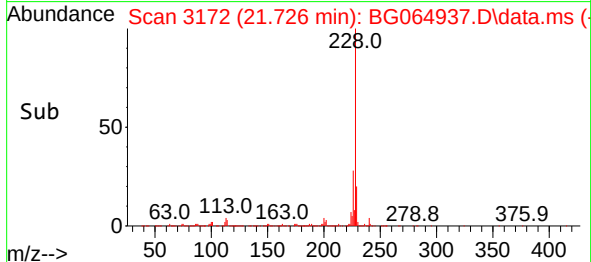
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:228 Resp: 668479
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.4 15.5 23.3

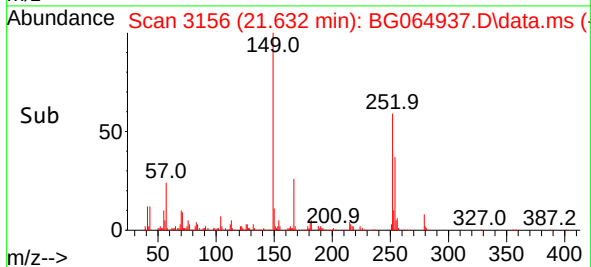
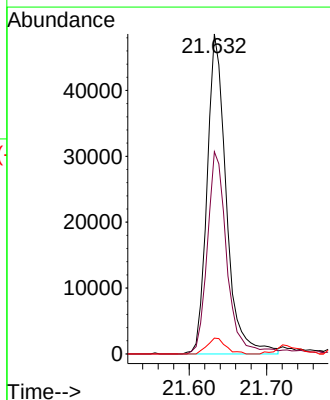
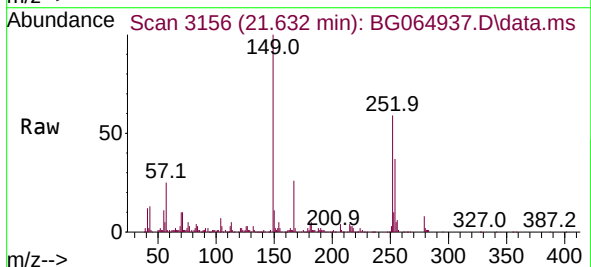
Manual Integrations
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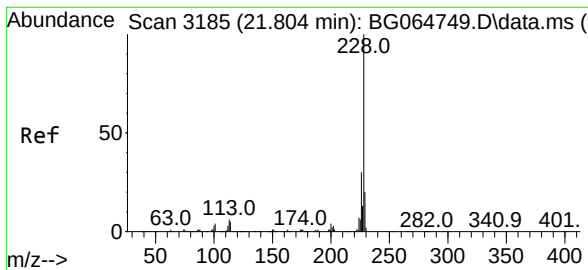
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 16.697 ng
RT: 21.632 min Scan# 3156
Delta R.T. -0.013 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Tgt Ion:252 Resp: 83344
Ion Ratio Lower Upper
252 100
254 63.2 51.8 77.8
126 4.9 4.7 7.1





#83

Chrysene

Concen: 49.933 ng

RT: 21.797 min Scan# 3185

Delta R.T. -0.007 min

Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:228 Resp: 63839

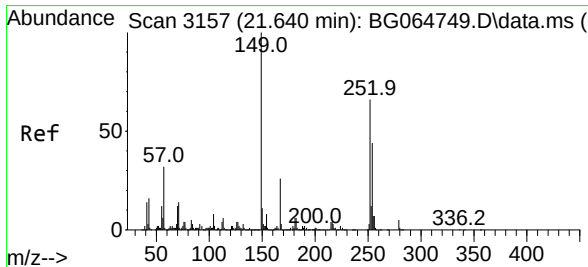
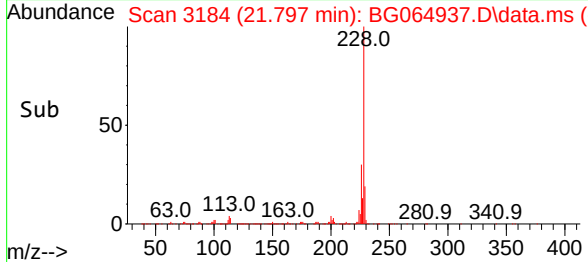
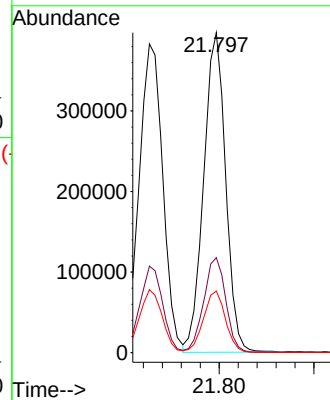
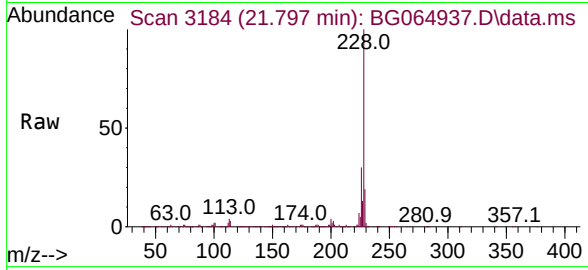
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.987 ng

RT: 21.621 min Scan# 3154

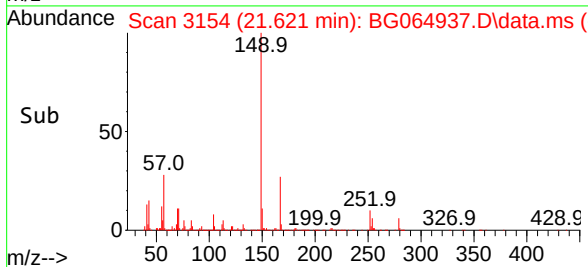
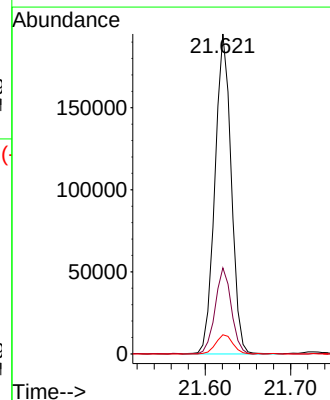
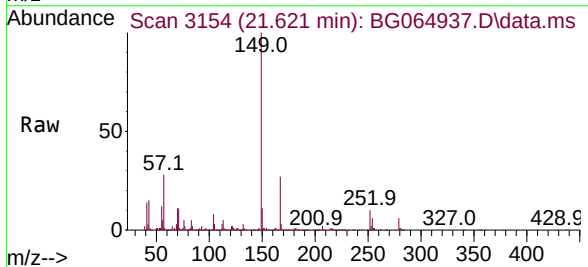
Delta R.T. -0.019 min

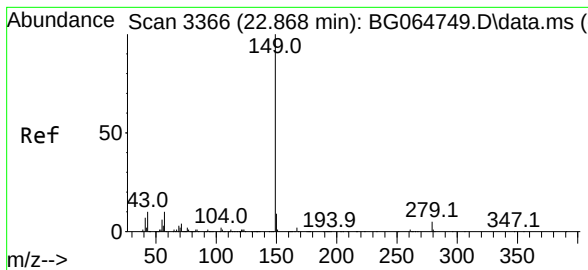
Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

Tgt Ion:149 Resp: 258455

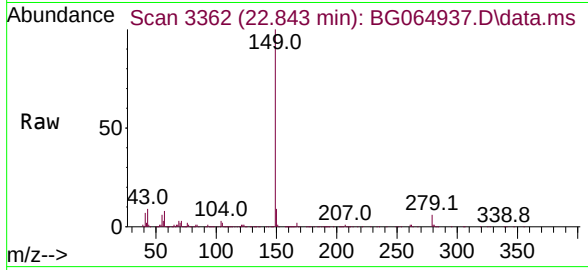
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	6.0	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 44.337 ng
RT: 22.843 min Scan# 3366
Delta R.T. -0.025 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

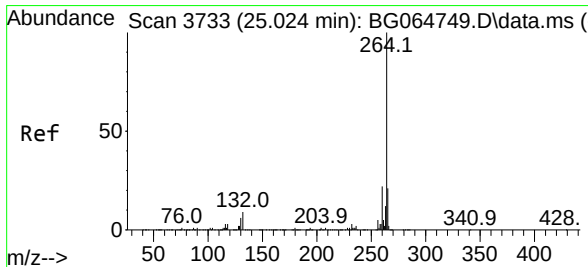
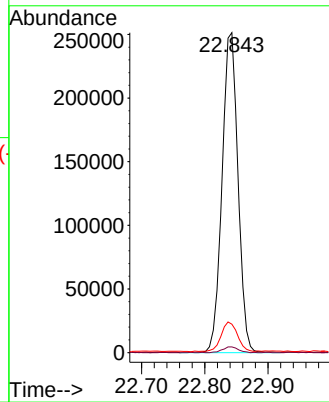
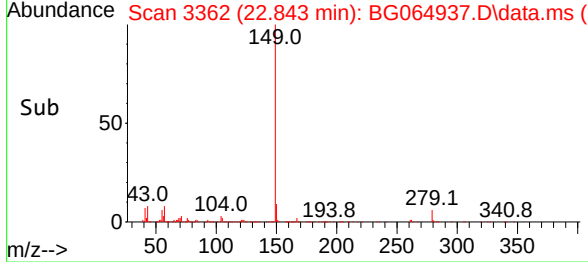
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:149 Resp: 440303
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 9.3 8.3 12.5

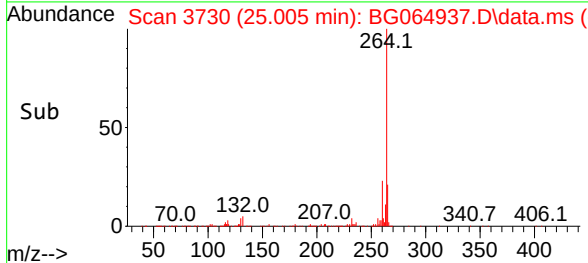
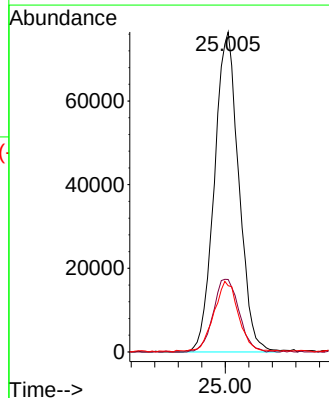
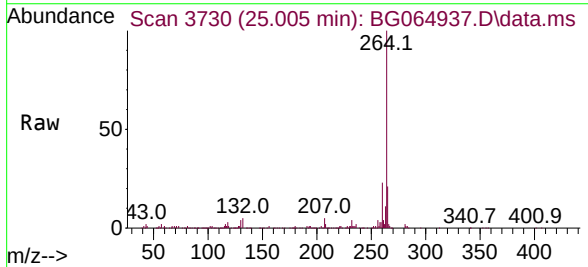
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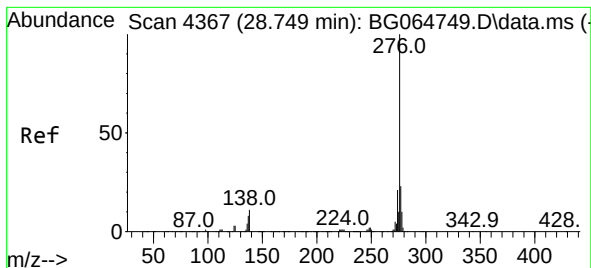
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.005 min Scan# 3730
Delta R.T. -0.019 min
Lab File: BG064937.D
Acq: 11 Dec 2025 16:54

Tgt Ion:264 Resp: 220404
Ion Ratio Lower Upper
264 100
260 22.6 17.2 25.8
265 20.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.718 ng

RT: 28.736 min Scan# 4365

Delta R.T. -0.013 min

Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:276 Resp: 843720

Ion Ratio Lower Upper

276 100

138 4.3 4.5 6.7

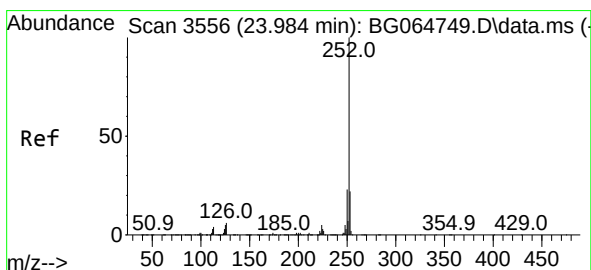
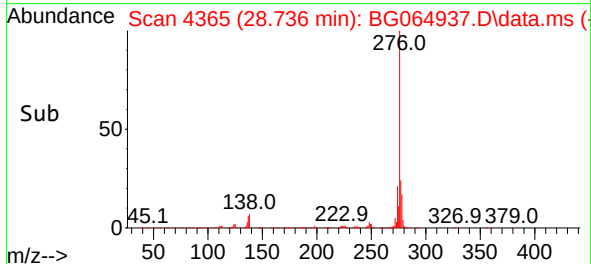
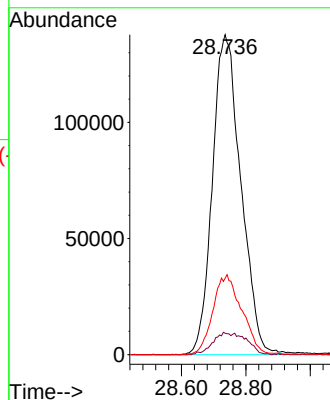
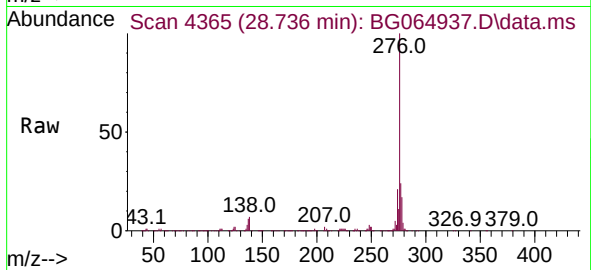
277 25.3 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#88

Benzo(b)fluoranthene

Concen: 50.610 ng

RT: 23.971 min Scan# 3554

Delta R.T. -0.013 min

Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

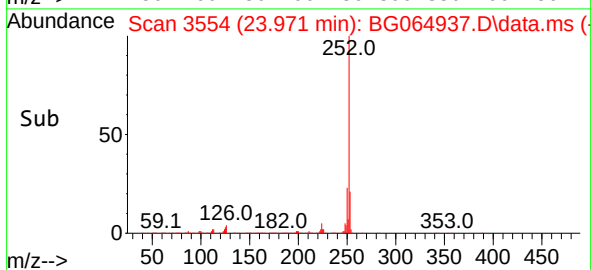
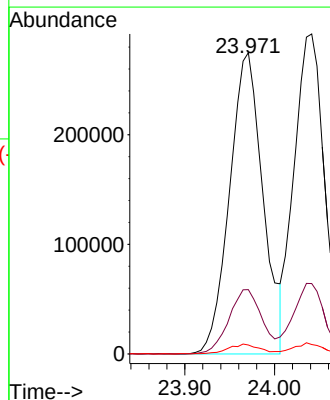
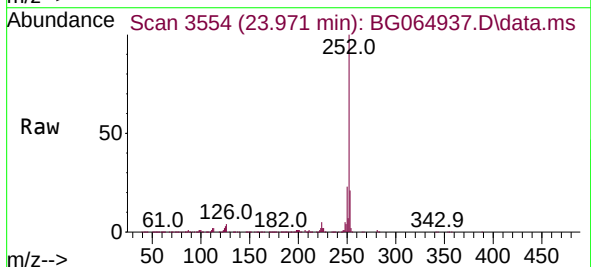
Tgt Ion:252 Resp: 709871

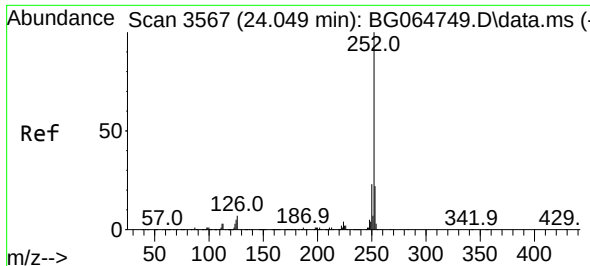
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 2.9 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 48.592 ng

RT: 24.041 min Scan# 3567

Delta R.T. -0.007 min

Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

TP-5MS

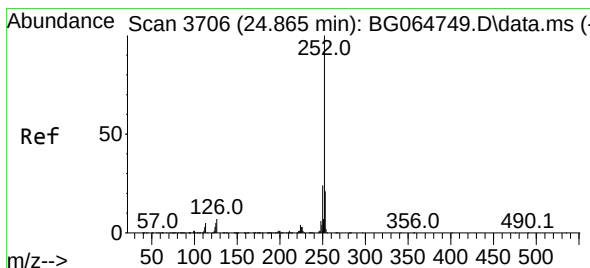
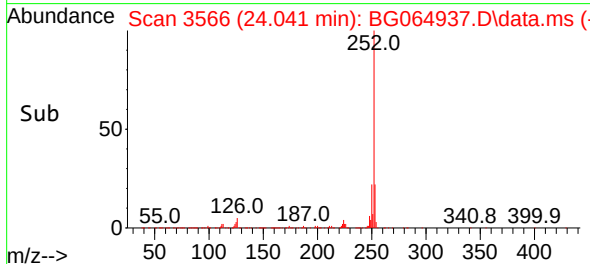
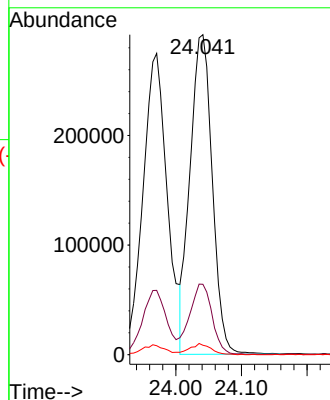
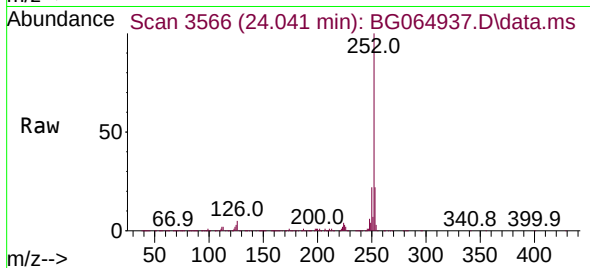
Tgt Ion:252 Resp: 684736
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 2.9 4.1 6.1

Manual Integrations

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Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#90

Benzo(a)pyrene

Concen: 50.937 ng

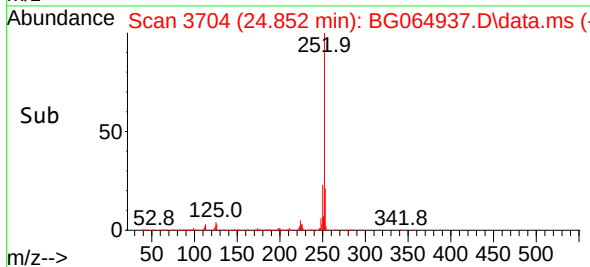
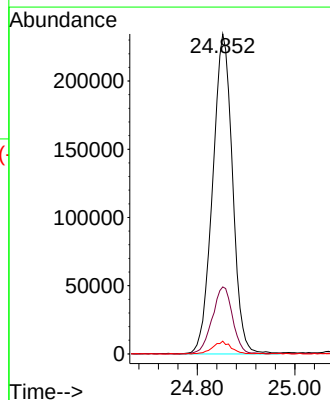
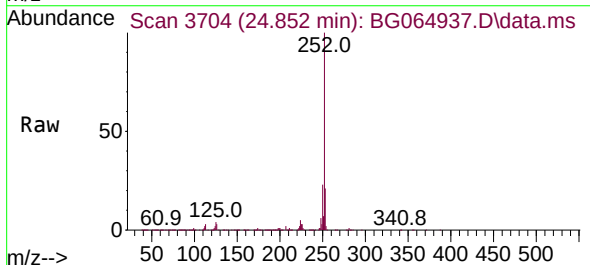
RT: 24.852 min Scan# 3704

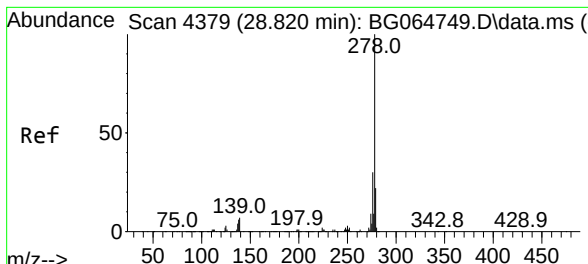
Delta R.T. -0.013 min

Lab File: BG064937.D

Acq: 11 Dec 2025 16:54

Tgt Ion:252 Resp: 662747
 Ion Ratio Lower Upper
 252 100
 253 21.0 16.9 25.3
 125 4.0 4.2 6.4





#91
 Dibenzo(a,h)anthracene
 Concen: 57.898 ng
 RT: 28.795 min Scan# 4375
 Delta R.T. -0.025 min
 Lab File: BG064937.D
 Acq: 11 Dec 2025 16:54

Instrument :

BNA_G

ClientSampleId :

TP-5MS

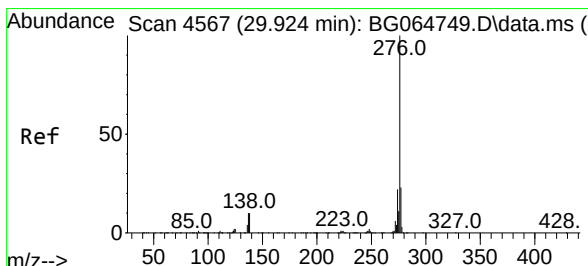
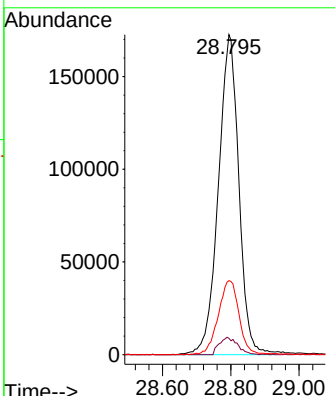
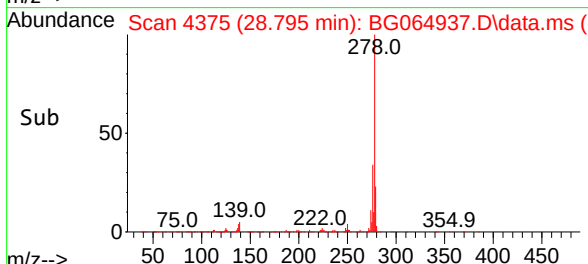
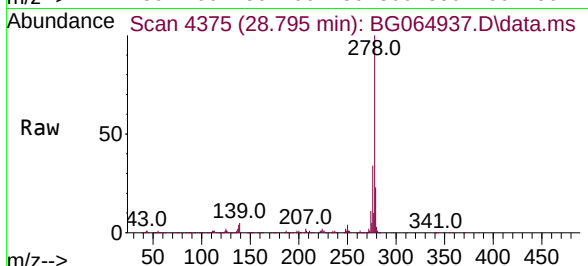
Tgt Ion:278 Resp: 718230

Ion	Ratio	Lower	Upper
278	100		
139	5.1	5.8	8.8
279	23.1	17.3	25.9

Manual Integrations

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



#92
 Benzo(g,h,i)perylene
 Concen: 58.053 ng
 RT: 29.899 min Scan# 4563
 Delta R.T. -0.025 min
 Lab File: BG064937.D
 Acq: 11 Dec 2025 16:54

Tgt Ion:276 Resp: 693079

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.0	27.0
138	5.9	8.2	12.2

