

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064934.D
 Acq On : 11 Dec 2025 14:52
 Operator : RC/JU
 Sample : PB170904BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170904BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 15:29:47 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	22694	20.000	ng	-0.01
21) Naphthalene-d8	10.969	136	87472	20.000	ng	#-0.02
39) Acenaphthene-d10	14.765	164	78637	20.000	ng	-0.01
64) Phenanthrene-d10	17.497	188	193790	20.000	ng	# 0.00
76) Chrysene-d12	21.751	240	231468	20.000	ng	# 0.00
86) Perylene-d12	25.006	264	254312	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	158018	121.589	ng	0.00
7) Phenol-d6	7.309	99	208550	120.651	ng	0.00
23) Nitrobenzene-d5	9.318	82	137407	77.668	ng	-0.01
42) 2,4,6-Tribromophenol	16.246	330	242261	157.962	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	456249	80.957	ng	-0.01
79) Terphenyl-d14	20.082	244	1131478	96.157	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.513	88	13506	26.844	ng	# 89
3) Pyridine	3.925	79	38759	25.855	ng	94
4) n-Nitrosodimethylamine	3.837	42	30364	39.796	ng	86
6) Aniline	7.468	93	56830	24.666	ng	98
8) 2-Chlorophenol	7.714	128	66150	46.356	ng	94
9) Benzaldehyde	7.280	77	26584	23.494	ng	93
10) Phenol	7.332	94	76443	40.646	ng	87
11) bis(2-Chloroethyl)ether	7.562	93	48172	35.995	ng	97
12) 1,3-Dichlorobenzene	8.043	146	70591	42.990	ng	98
13) 1,4-Dichlorobenzene	8.190	146	72605	43.424	ng	92
14) 1,2-Dichlorobenzene	8.513	146	71581	44.153	ng	99
15) Benzyl Alcohol	8.390	79	62365	43.956	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.678	45	100459	31.713	ng	98
17) 2-Methylphenol	8.596	107	57322	43.076	ng	97
18) Hexachloroethane	9.254	117	26399	41.686	ng	89
19) n-Nitroso-di-n-propyla...	8.954	70	44191	37.811	ng	99
20) 3+4-Methylphenols	8.919	107	78933	43.298	ng	99
22) Acetophenone	8.978	105	100268	42.074	ng	98
24) Nitrobenzene	9.360	77	73186	40.941	ng	96
25) Isophorone	9.888	82	129298	38.378	ng	# 97
26) 2-Nitrophenol	10.076	139	41375	51.459	ng	98
27) 2,4-Dimethylphenol	10.129	122	64500	45.154	ng	97
28) bis(2-Chloroethoxy)met...	10.364	93	69549	37.603	ng	98
29) 2,4-Dichlorophenol	10.617	162	79443	51.802	ng	95
30) 1,2,4-Trichlorobenzene	10.834	180	93694	50.595	ng	95
31) Naphthalene	11.022	128	206976	41.741	ng	100
32) Benzoic acid	10.258	122	34754m	36.131	ng	
33) 4-Chloroaniline	11.122	127	38686	19.503	ng	# 93
34) Hexachlorobutadiene	11.310	225	81368	51.210	ng	98
35) Caprolactam	11.892	113	20855m	45.466	ng	
36) 4-Chloro-3-methylphenol	12.233	107	80196	46.982	ng	96
37) 2-Methylnaphthalene	12.615	142	145192	39.128	ng	99
38) 1-Methylnaphthalene	12.832	142	150383	40.799	ng	95
40) 1,2,4,5-Tetrachloroben...	12.979	216	141665	46.291	ng	99
41) Hexachlorocyclopentadiene	12.961	237	185566	84.596	ng	96
43) 2,4,6-Trichlorophenol	13.208	196	88915	49.503	ng	96

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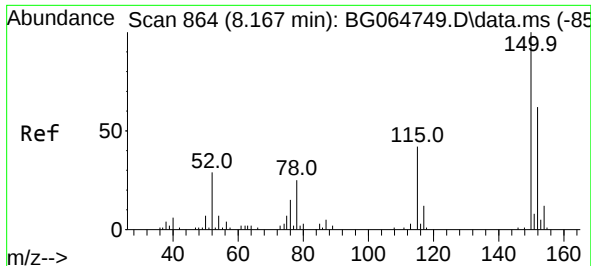
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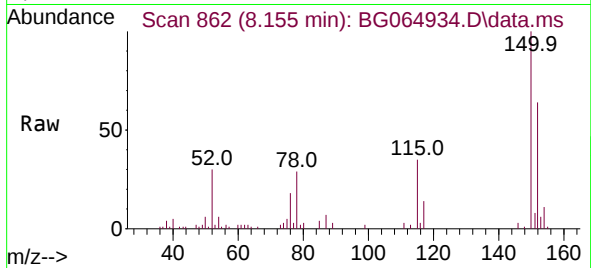
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.284	196	98600	48.945	ng	97
46) 1,1'-Biphenyl	13.608	154	233547	41.351	ng	96
47) 2-Chloronaphthalene	13.655	162	183188	41.169	ng	98
48) 2-Nitroaniline	13.843	65	58203	40.668	ng	96
49) Acenaphthylene	14.495	152	319010	41.965	ng	99
50) Dimethylphthalate	14.213	163	271298	43.675	ng	99
51) 2,6-Dinitrotoluene	14.330	165	55814	46.694	ng	97
52) Acenaphthene	14.835	154	205042	44.986	ng	99
53) 3-Nitroaniline	14.659	138	32540	27.582	ng	84
54) 2,4-Dinitrophenol	14.865	184	45007	57.654	ng	95
55) Dibenzofuran	15.165	168	323200	42.891	ng	98
56) 4-Nitrophenol	14.965	139	81042	86.583	ng	87
57) 2,4-Dinitrotoluene	15.118	165	83484	46.587	ng	# 93
58) Fluorene	15.805	166	251005	42.471	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.388	232	104267	52.458	ng	# 94
60) Diethylphthalate	15.564	149	258255	43.399	ng	98
61) 4-Chlorophenyl-phenyle...	15.793	204	166973	47.077	ng	94
62) 4-Nitroaniline	15.817	138	51195	41.888	ng	89
63) Azobenzene	16.087	77	182596	36.892	ng	88
65) 4,6-Dinitro-2-methylph...	15.875	198	42595	39.588	ng	88
66) n-Nitrosodiphenylamine	16.005	169	230756	45.460	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	128536	50.507	ng	94
68) Hexachlorobenzene	16.810	284	157709	51.150	ng	91
69) Atrazine	16.945	200	117157	47.872	ng	98
70) Pentachlorophenol	17.150	266	141717	77.850	ng	98
71) Phenanthrene	17.544	178	454431	42.859	ng	99
72) Anthracene	17.632	178	461634	42.698	ng	99
73) Carbazole	17.891	167	385680	41.497	ng	99
74) Di-n-butylphthalate	18.437	149	431076	41.573	ng	99
75) Fluoranthene	19.536	202	595391	41.065	ng	97
77) Benzidine	19.700	184	137383	19.818	ng	98
78) Pyrene	19.894	202	607726	46.846	ng	99
80) Butylbenzylphthalate	20.758	149	185757	40.709	ng	95
81) Benzo(a)anthracene	21.727	228	681634	43.309	ng	98
82) 3,3'-Dichlorobenzidine	21.633	252	163008	28.139	ng	100
83) Chrysene	21.798	228	637024	42.931	ng	99
84) Bis(2-ethylhexyl)phtha...	21.622	149	265164	39.768	ng	# 99
85) Di-n-octyl phthalate	22.844	149	447412	38.819	ng	99
87) Indeno(1,2,3-cd)pyrene	28.737	276	898335	51.415	ng	99
88) Benzo(b)fluoranthene	23.972	252	699885	43.245	ng	# 98
89) Benzo(k)fluoranthene	24.042	252	713058	43.855	ng	# 96
90) Benzo(a)pyrene	24.859	252	673995	44.895	ng	# 99
91) Dibenzo(a,h)anthracene	28.801	278	752235	52.554	ng	# 95
92) Benzo(g,h,i)perylene	29.912	276	714746	51.886	ng	# 96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.155 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52

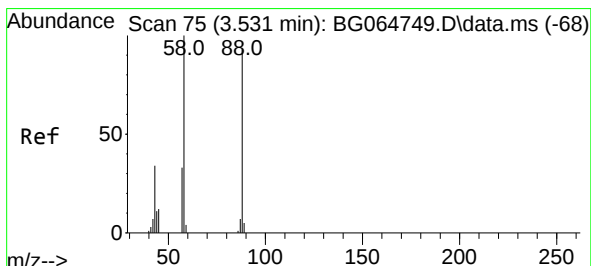
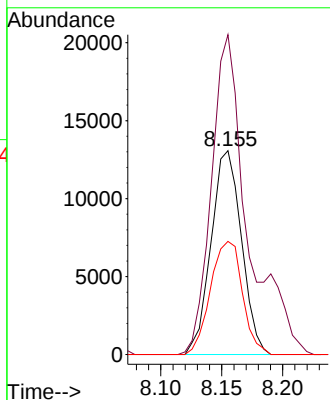
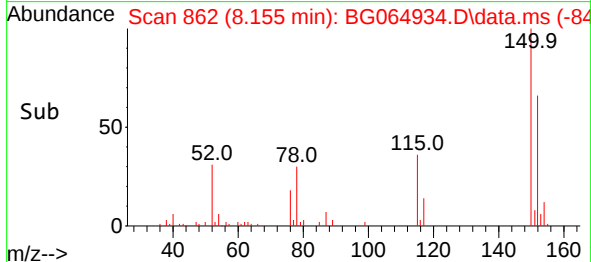
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 ClientSampleId :
 PB170904BS



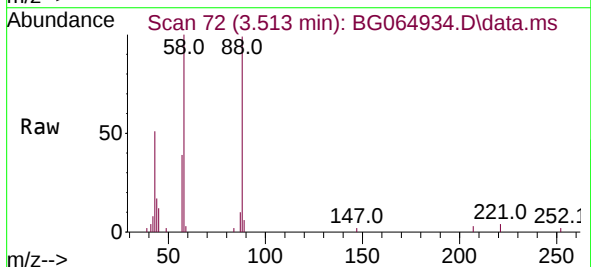
Tgt Ion:152 Resp: 22694
 Ion Ratio Lower Upper
 152 100
 150 156.9 129.2 193.8
 115 55.5 53.7 80.5

Manual Integrations
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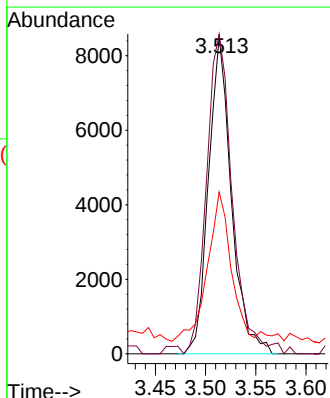
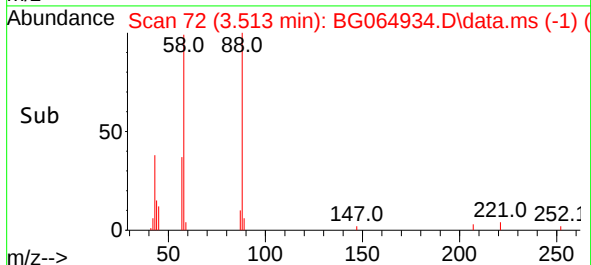
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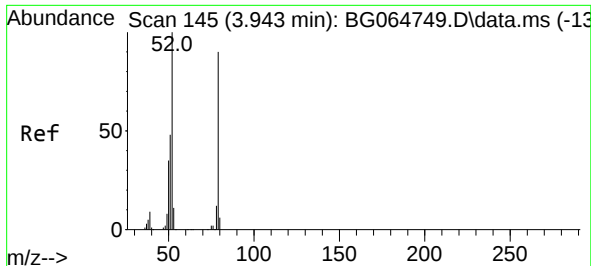


#2
 1,4-Dioxane
 Concen: 26.844 ng
 RT: 3.513 min Scan# 72
 Delta R.T. -0.018 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52



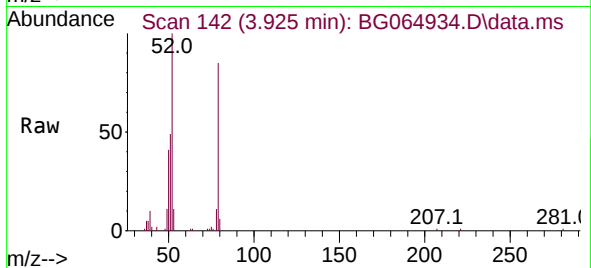
Tgt Ion: 88 Resp: 13506
 Ion Ratio Lower Upper
 88 100
 58 114.0 84.6 126.8
 43 48.3 30.0 45.0#





#3
Pyridine
Concen: 25.855 ng
RT: 3.925 min Scan# 145
Delta R.T. -0.018 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

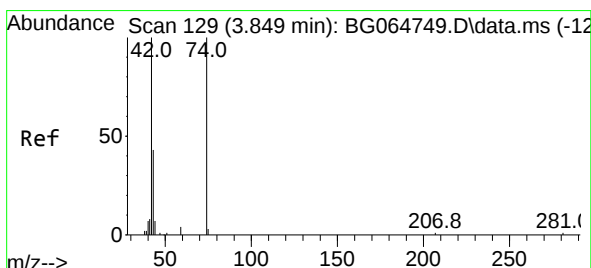
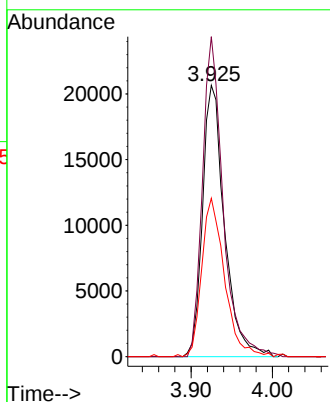
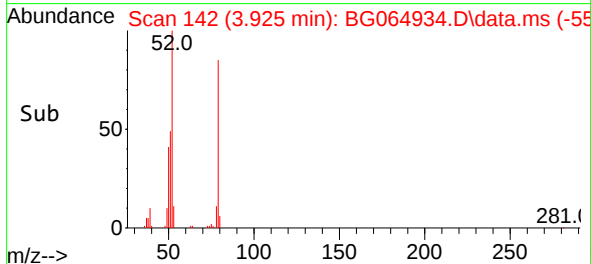
Instrument :
BNA_G
ClientSampleId :
PB170904BS



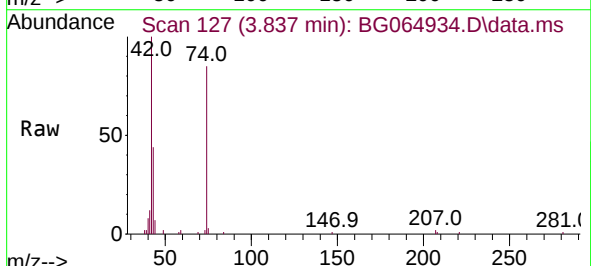
Tgt Ion: 79 Resp: 38759
Ion Ratio Lower Upper
79 100
52 117.9 89.0 133.4
51 58.4 43.4 65.0

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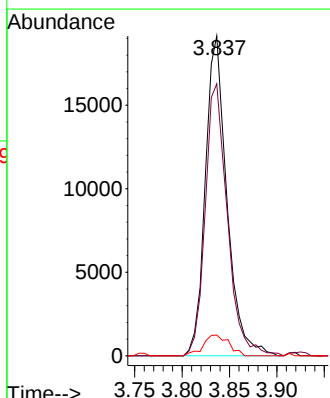
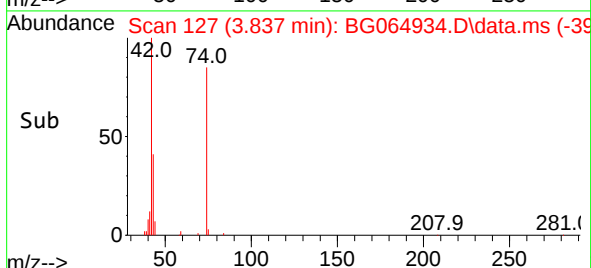
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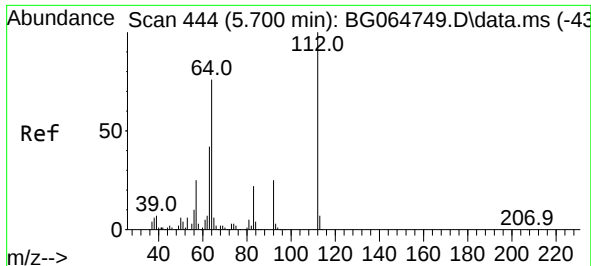


#4
n-Nitrosodimethylamine
Concen: 39.796 ng
RT: 3.837 min Scan# 127
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



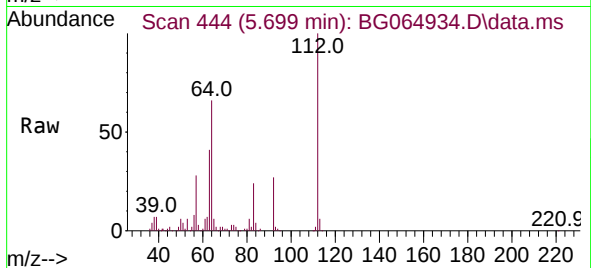
Tgt Ion: 42 Resp: 30364
Ion Ratio Lower Upper
42 100
74 85.0 79.8 119.6
44 6.5 5.9 8.9





#5
2-Fluorophenol
Concen: 121.589 ng
RT: 5.699 min Scan# 444
Delta R.T. -0.000 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

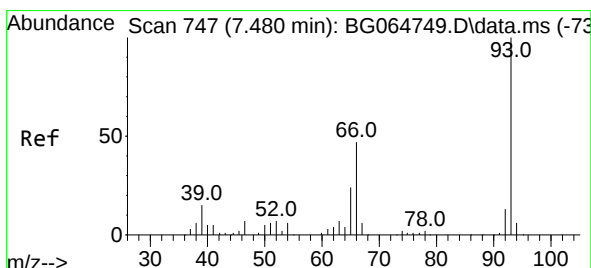
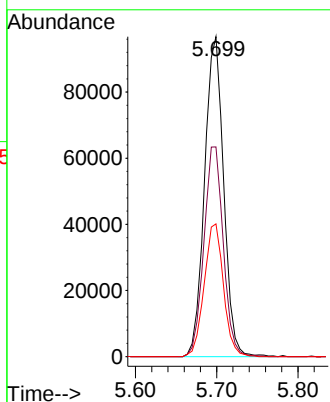
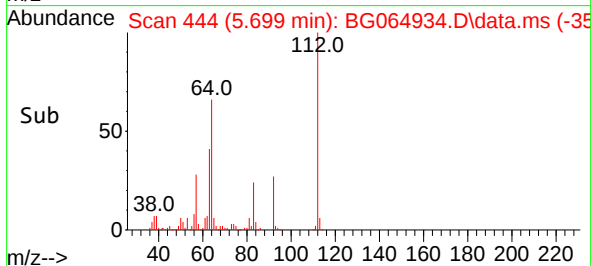
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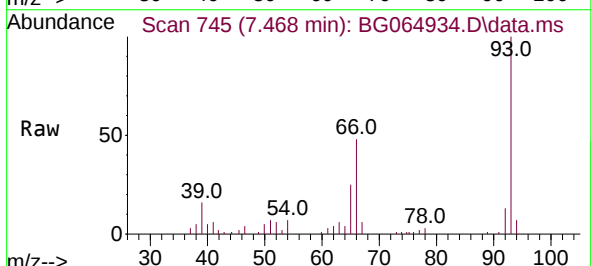
Tgt Ion: 112 Resp: 158018
Ion Ratio Lower Upper
112 100
64 65.5 61.0 91.4
63 41.5 33.3 49.9

Manual Integrations
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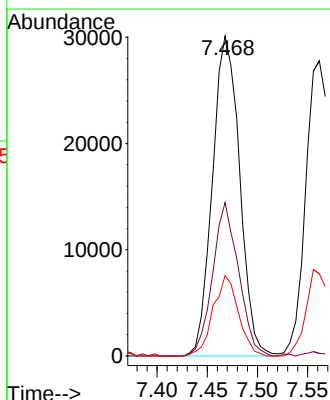
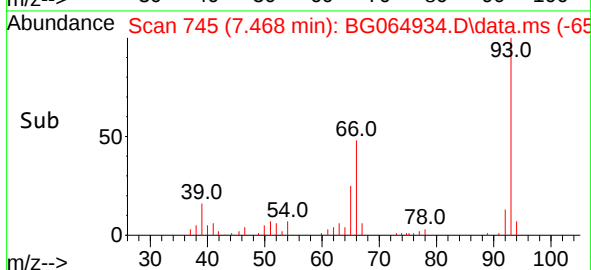
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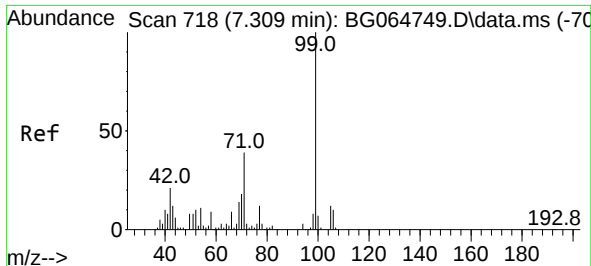


#6
Aniline
Concen: 24.666 ng
RT: 7.468 min Scan# 745
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



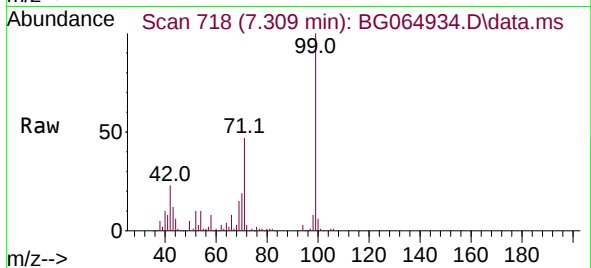
Tgt Ion: 93 Resp: 56830
Ion Ratio Lower Upper
93 100
66 47.9 37.7 56.5
65 25.1 19.1 28.7





#7
Phenol-d6
Concen: 120.651 ng
RT: 7.309 min Scan# 718
Delta R.T. -0.000 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

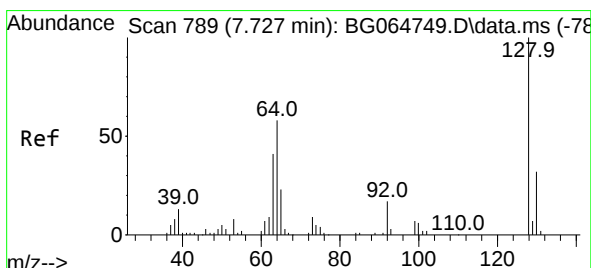
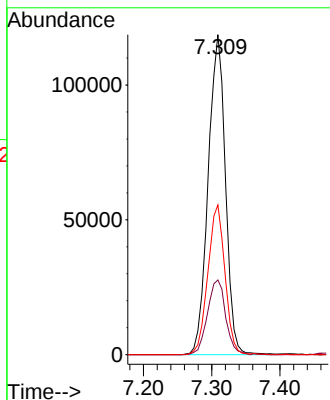
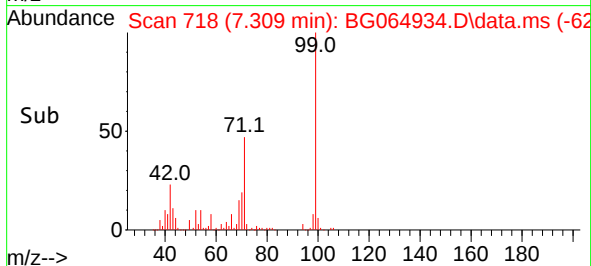
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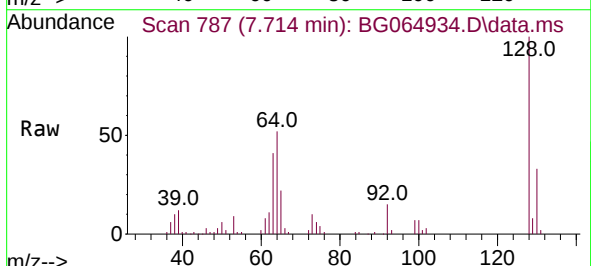
Tgt Ion: 99 Resp: 208550
Ion Ratio Lower Upper
99 100
42 23.3 16.8 25.2
71 46.8 31.1 46.7

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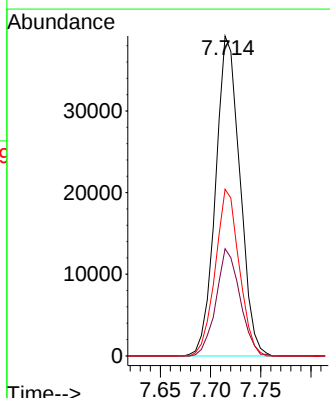
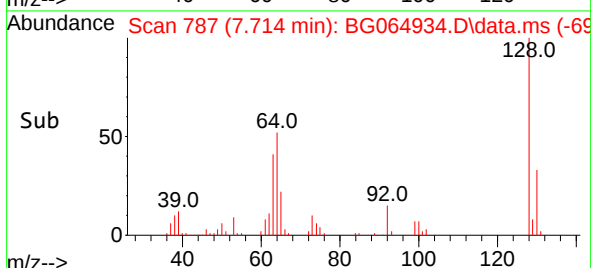
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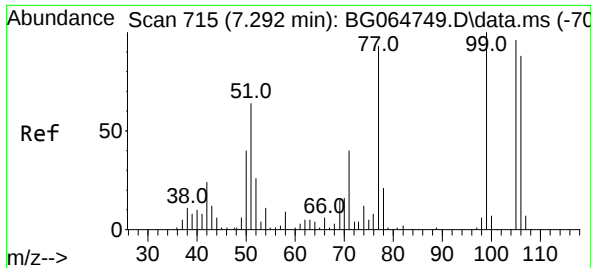


#8
2-Chlorophenol
Concen: 46.356 ng
RT: 7.714 min Scan# 787
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



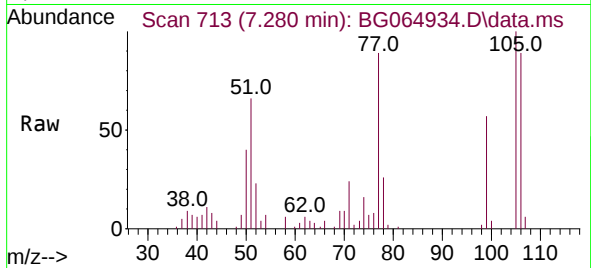
Tgt Ion:128 Resp: 66150
Ion Ratio Lower Upper
128 100
130 33.5 11.9 51.9
64 52.1 38.4 78.4





#9
Benzaldehyde
Concen: 23.494 ng
RT: 7.280 min Scan# 715
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

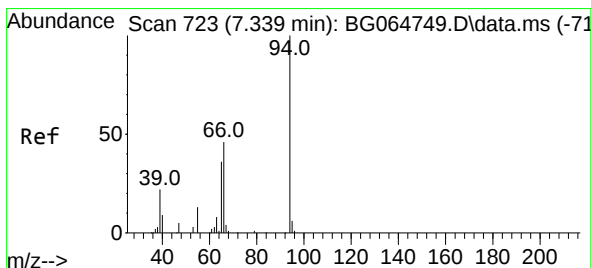
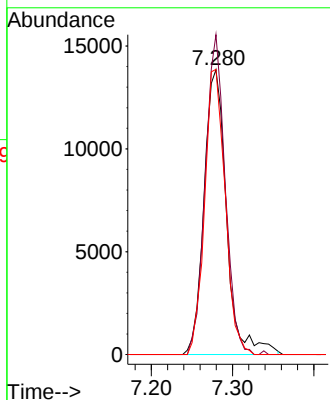
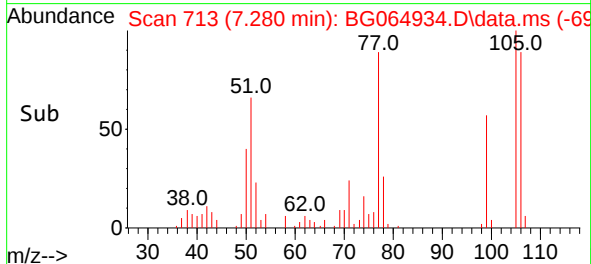
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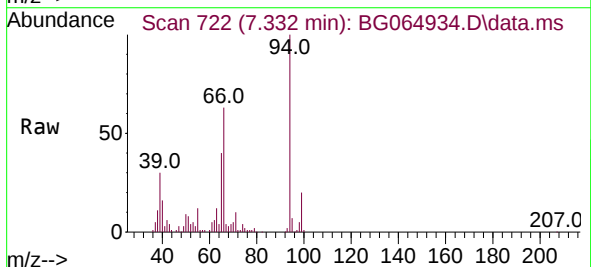
Tgt Ion: 77 Resp: 26584
Ion Ratio Lower Upper
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105 112.3 83.8 123.8
106 100.1 74.3 114.3

Manual Integrations
APPROVED

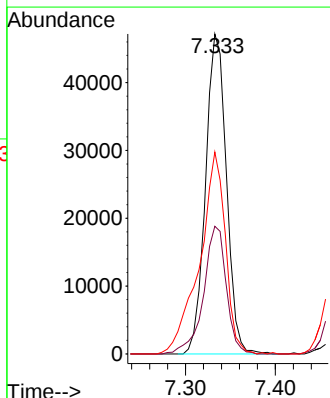
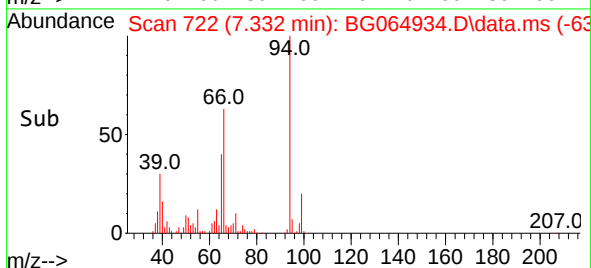
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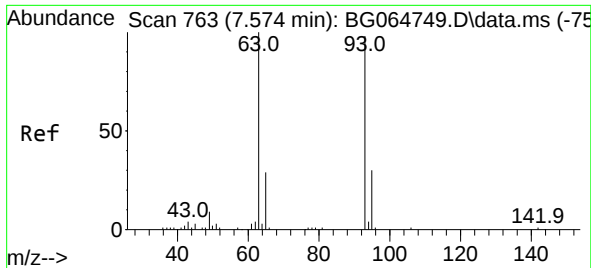


#10
Phenol
Concen: 40.646 ng
RT: 7.332 min Scan# 722
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



Tgt Ion: 94 Resp: 76443
Ion Ratio Lower Upper
94 100
65 39.9 17.0 57.0
66 63.1 29.8 69.8





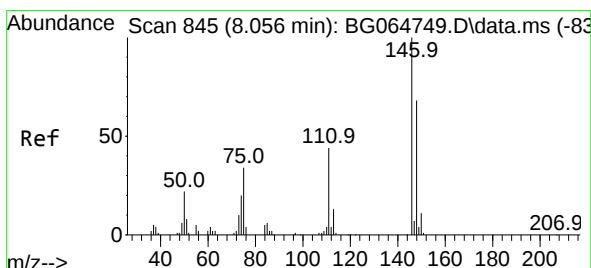
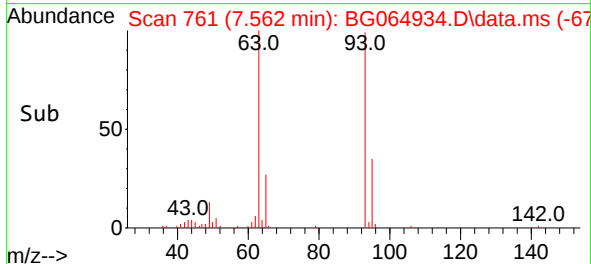
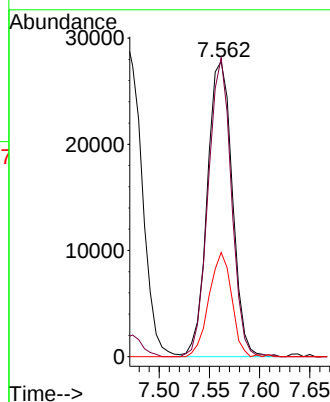
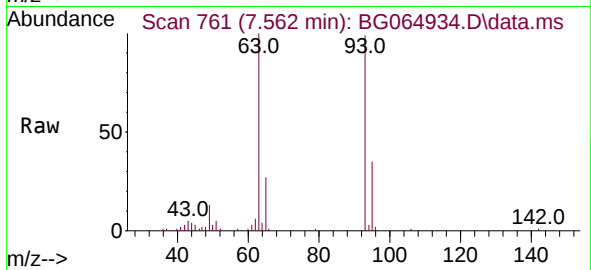
#11
bis(2-Chloroethyl)ether
Concen: 35.995 ng
RT: 7.562 min Scan# 761
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :
BNA_G
ClientSampleId :
PB170904BS

Tgt Ion: 93 Resp: 48172
Ion Ratio Lower Upper
93 100
63 101.2 81.8 121.8
95 35.3 10.3 50.3

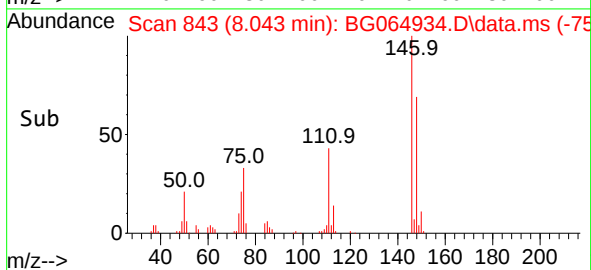
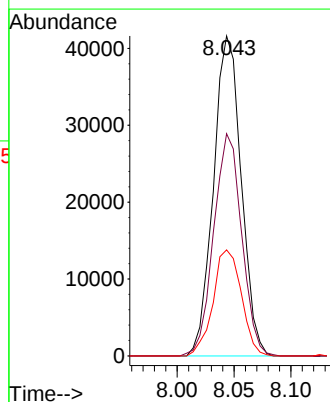
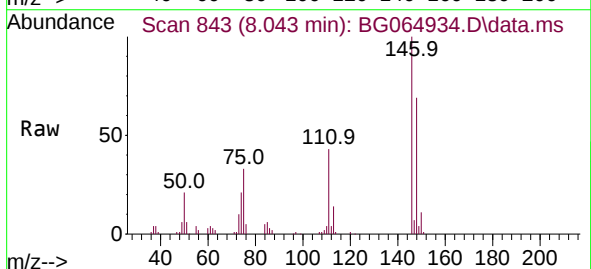
Manual Integrations
APPROVED

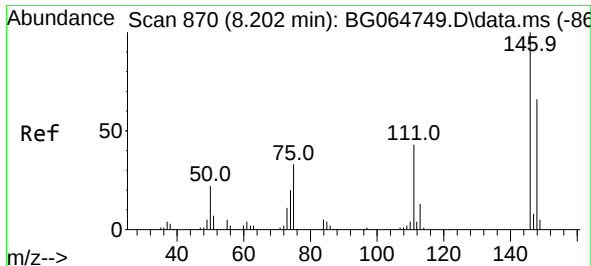
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#12
1,3-Dichlorobenzene
Concen: 42.990 ng
RT: 8.043 min Scan# 843
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:146 Resp: 70591
Ion Ratio Lower Upper
146 100
148 69.4 54.6 82.0
75 33.1 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 43.424 ng

RT: 8.190 min Scan# 80

Delta R.T. -0.012 min

Lab File: BG064934.D

Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS

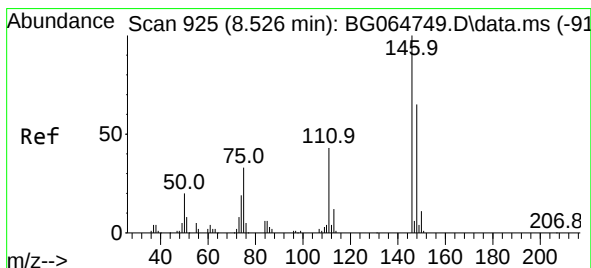
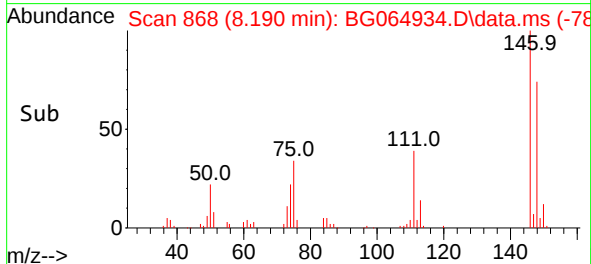
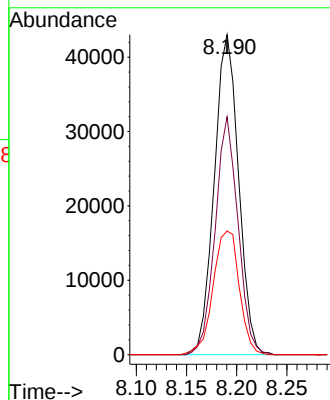
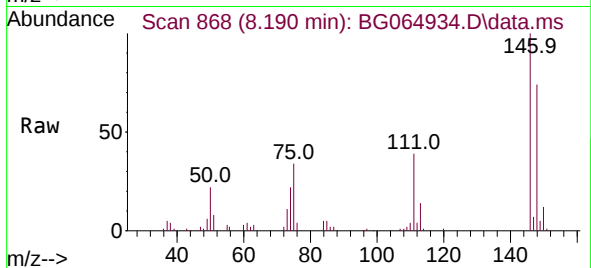
Tgt Ion:146 Resp: 72605
 Ion Ratio Lower Upper
 146 100
 148 74.3 53.1 79.7
 111 38.6 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#14

1,2-Dichlorobenzene

Concen: 44.153 ng

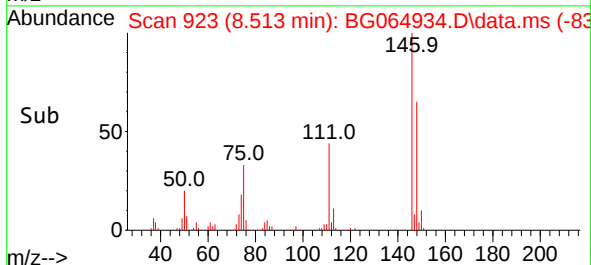
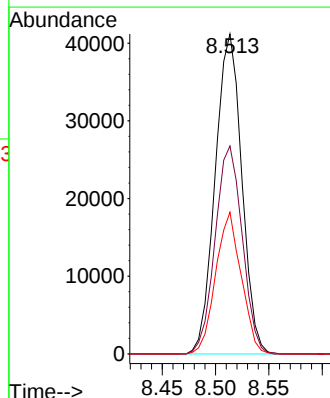
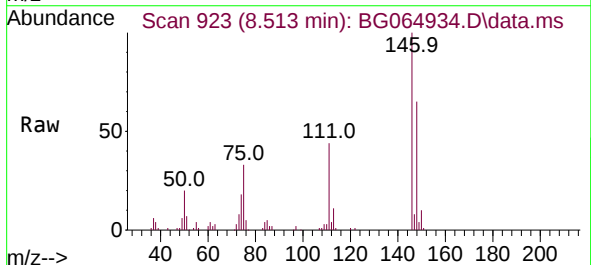
RT: 8.513 min Scan# 923

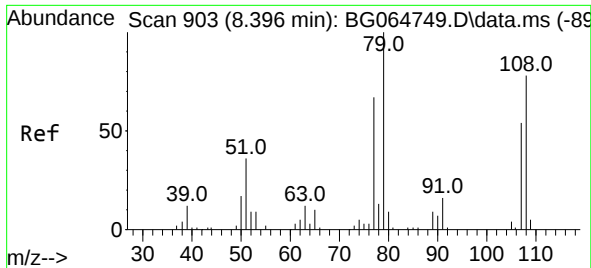
Delta R.T. -0.012 min

Lab File: BG064934.D

Acq: 11 Dec 2025 14:52

Tgt Ion:146 Resp: 71581
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.0 78.0
 111 44.3 34.7 52.1





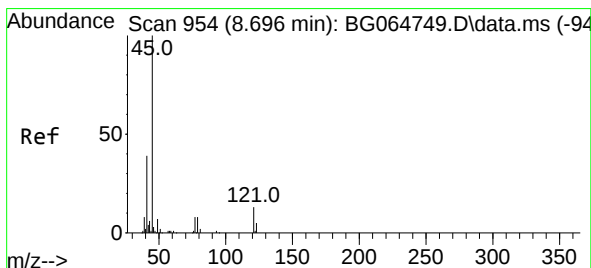
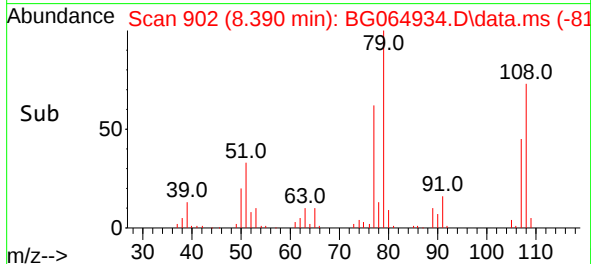
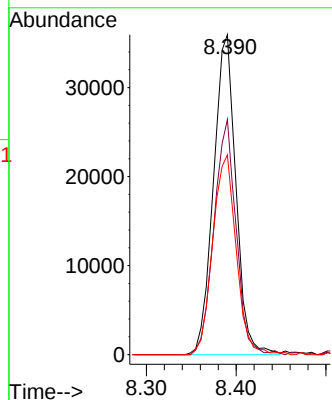
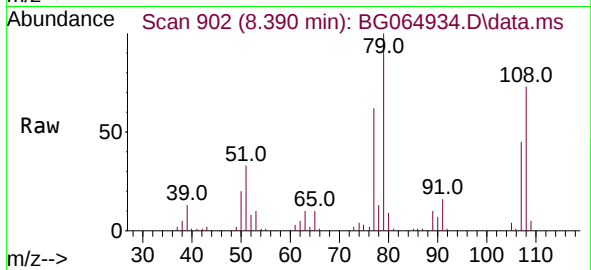
#15
Benzyl Alcohol
Concen: 43.956 ng
RT: 8.390 min Scan# 903
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :
BNA_G
ClientSampleId :
PB170904BS

Tgt Ion: 79 Resp: 62365
Ion Ratio Lower Upper
79 100
108 73.5 62.3 93.5
77 62.4 53.5 80.3

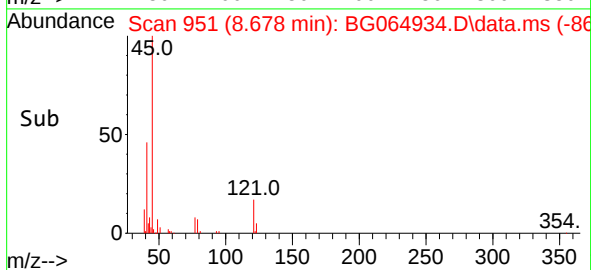
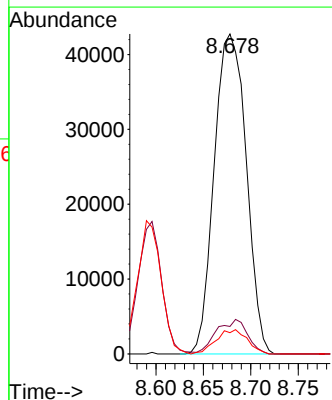
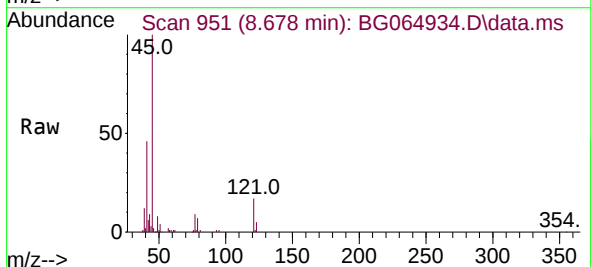
Manual Integrations
APPROVED

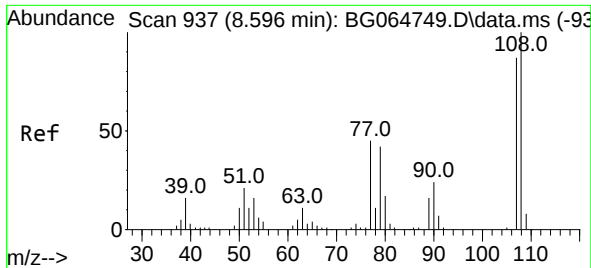
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.713 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.018 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

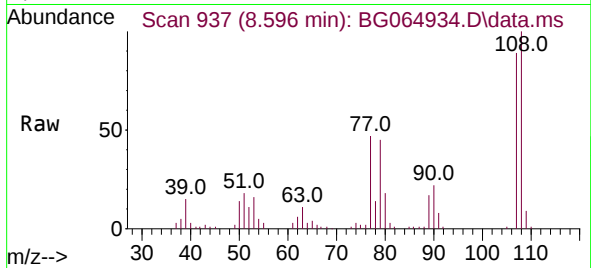
Tgt Ion: 45 Resp: 100459
Ion Ratio Lower Upper
45 100
77 8.6 0.0 28.8
79 6.6 0.0 28.1





#17
2-Methylphenol
Concen: 43.076 ng
RT: 8.596 min Scan# 937
Delta R.T. -0.000 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

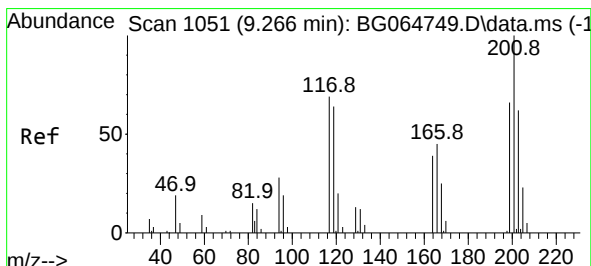
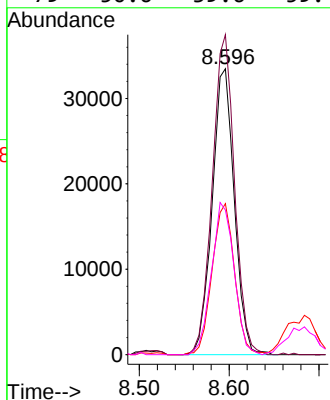
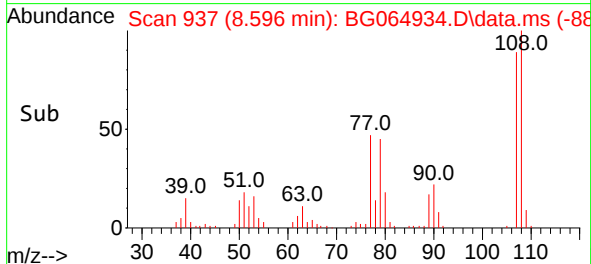
Instrument :
BNA_G
ClientSampleId :
PB170904BS



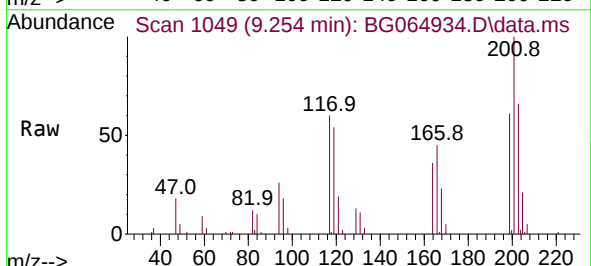
Tgt Ion:107 Resp: 57322
Ion Ratio Lower Upper
107 100
108 111.9 92.6 138.8
77 52.8 41.2 61.8
79 50.6 39.6 59.4

Manual Integrations
APPROVED

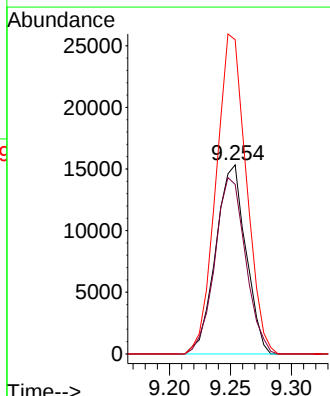
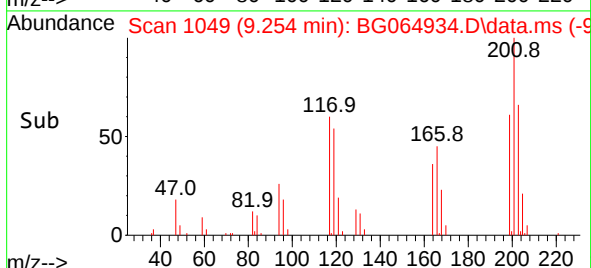
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

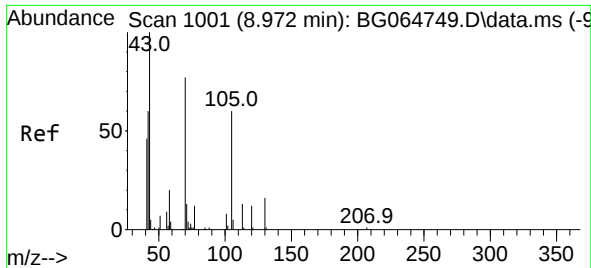


#18
Hexachloroethane
Concen: 41.686 ng
RT: 9.254 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



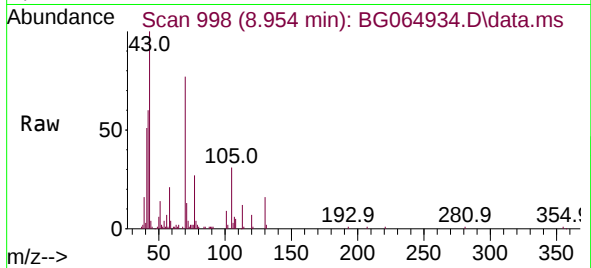
Tgt Ion:117 Resp: 26399
Ion Ratio Lower Upper
117 100
119 88.4 74.4 111.6
201 163.8 116.5 174.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.811 ng
RT: 8.954 min Scan# 998
Delta R.T. -0.018 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

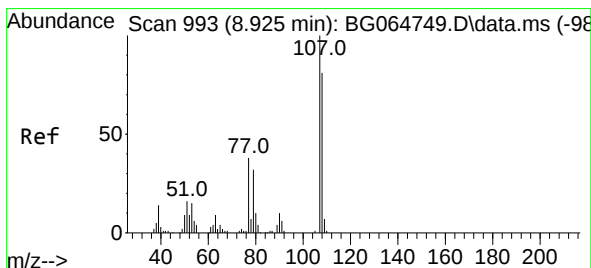
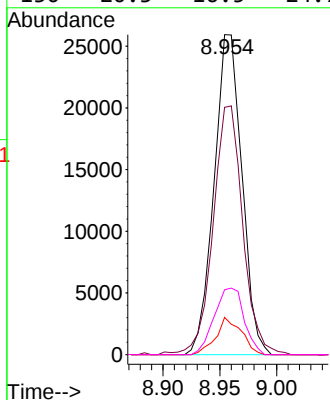
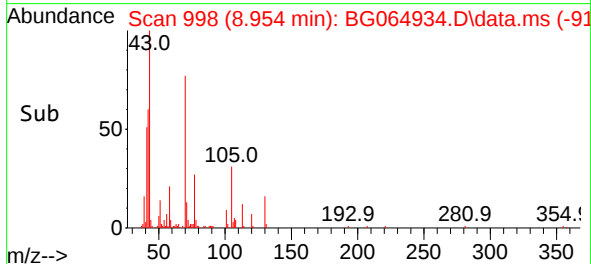
Instrument :
BNA_G
ClientSampleId :
PB170904BS



Tgt Ion: 70 Resp: 44191
Ion Ratio Lower Upper
70 100
42 77.3 62.6 93.8
101 11.6 8.0 12.0
130 20.3 16.5 24.7

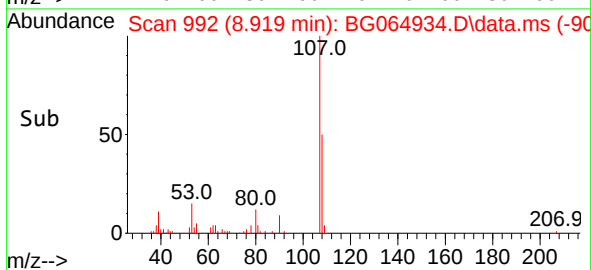
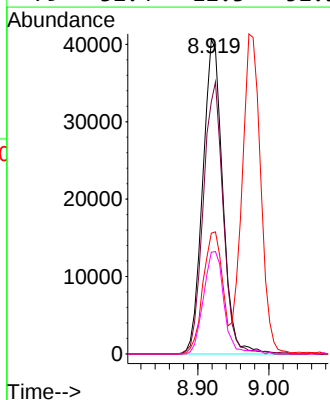
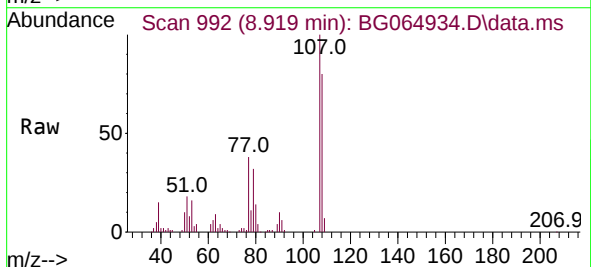
Manual Integrations
APPROVED

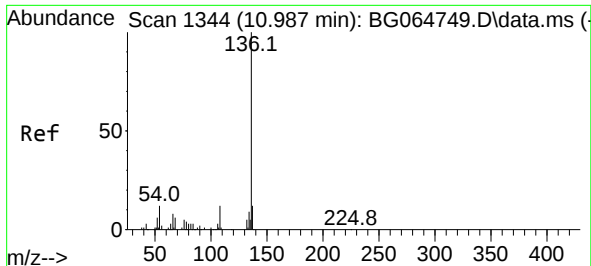
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#20
3+4-Methylphenols
Concen: 43.298 ng
RT: 8.919 min Scan# 992
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:107 Resp: 78933
Ion Ratio Lower Upper
107 100
108 80.2 61.0 101.0
77 38.4 17.6 57.6
79 32.4 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1344
Delta R.T. -0.018 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

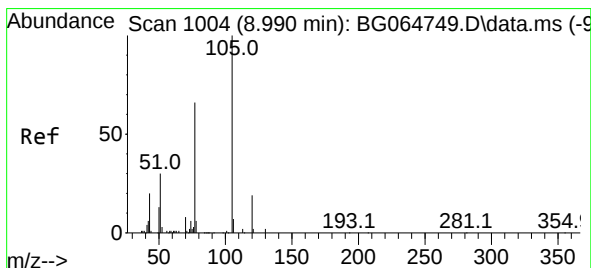
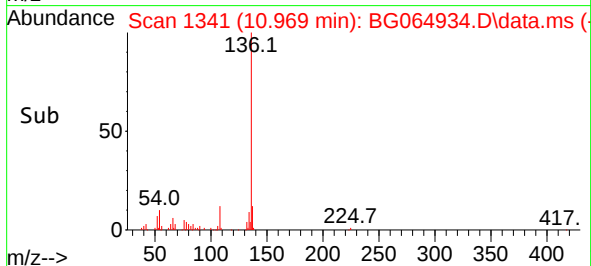
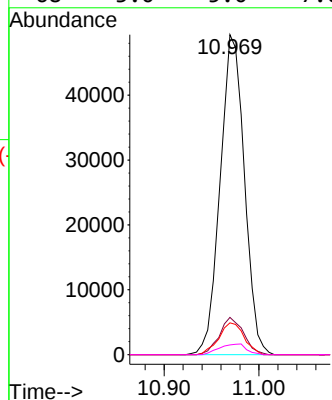
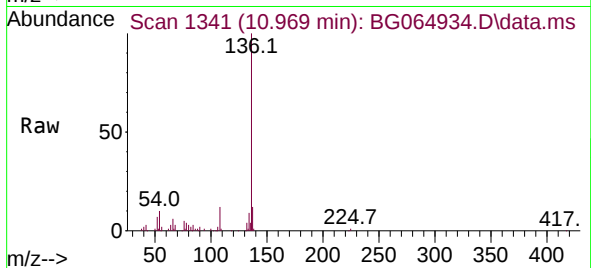
PB170904BS

Tgt Ion:136 Resp: 87472
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 9.9 9.3 13.9
68 3.0 5.0 7.6#

Manual Integrations

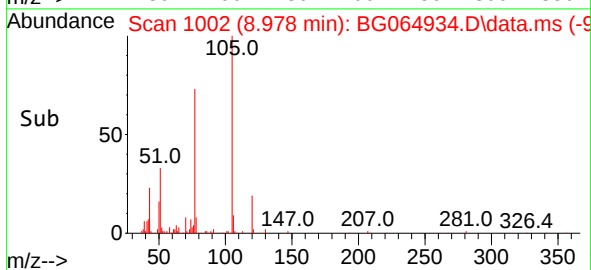
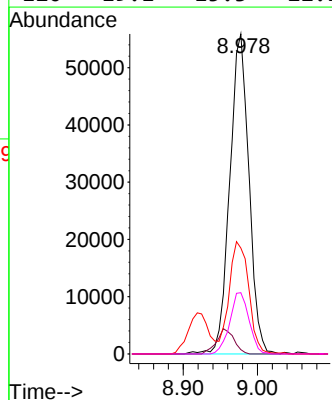
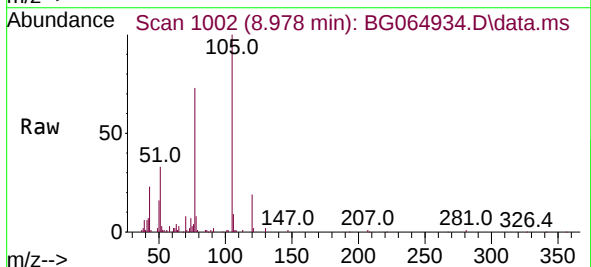
APPROVED

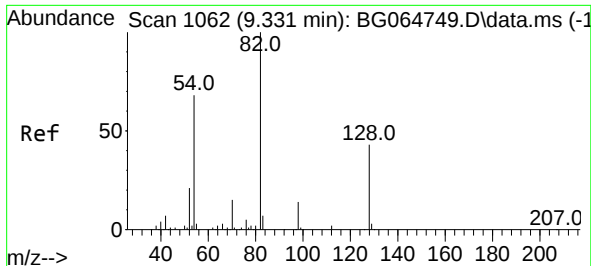
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#22
Acetophenone
Concen: 42.074 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:105 Resp: 100268
Ion Ratio Lower Upper
105 100
71 1.3 1.3 1.9
51 33.1 27.9 41.9
120 19.1 15.3 22.9





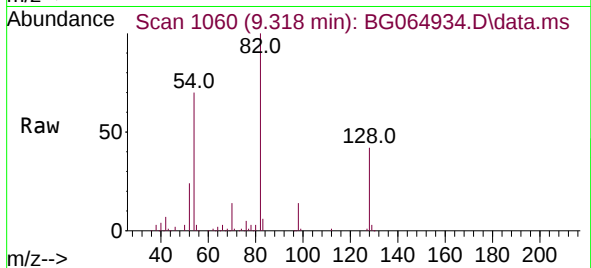
#23
Nitrobenzene-d5
Concen: 77.668 ng
RT: 9.318 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

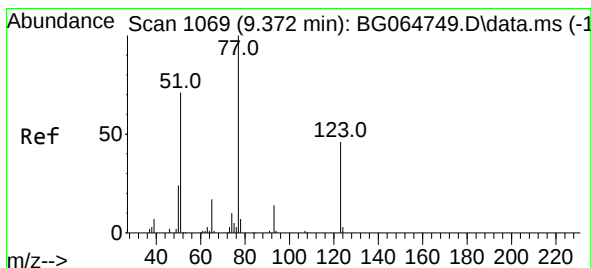
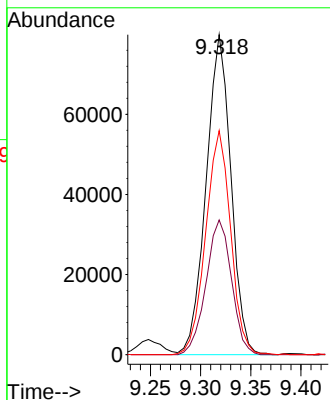
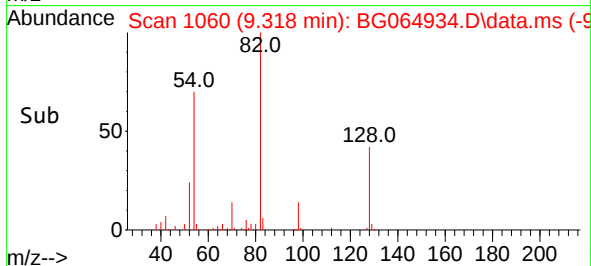
PB170904BS



Tgt Ion: 82 Resp: 137407
Ion Ratio Lower Upper
82 100
128 42.1 34.1 51.1
54 70.0 54.3 81.5

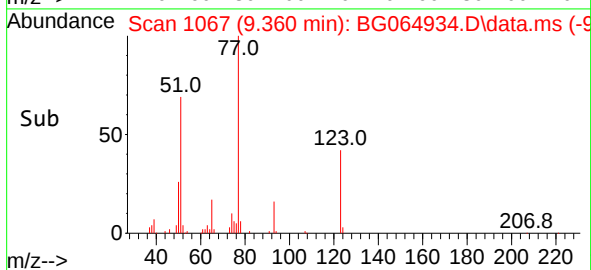
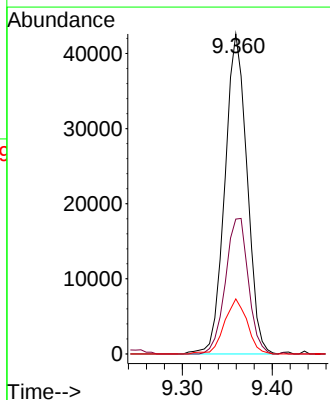
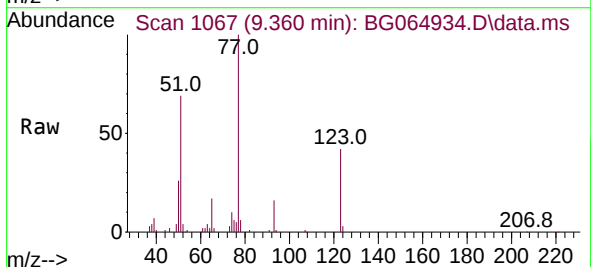
Manual Integrations
APPROVED

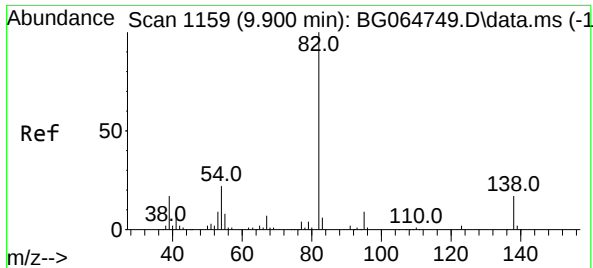
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#24
Nitrobenzene
Concen: 40.941 ng
RT: 9.360 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion: 77 Resp: 73186
Ion Ratio Lower Upper
77 100
123 42.1 36.5 54.7
65 17.2 13.5 20.3





#25
Isophorone
Concen: 38.378 ng
RT: 9.888 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS

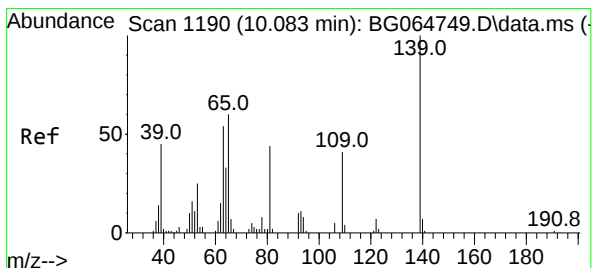
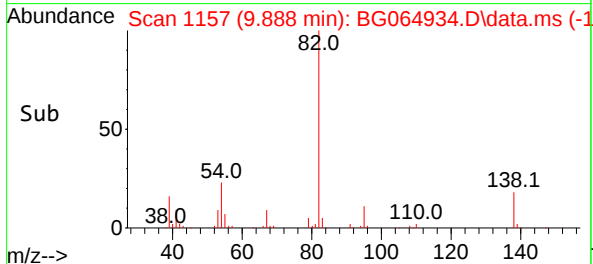
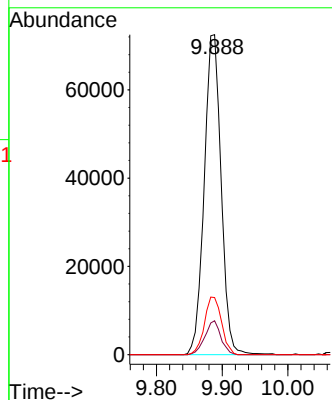
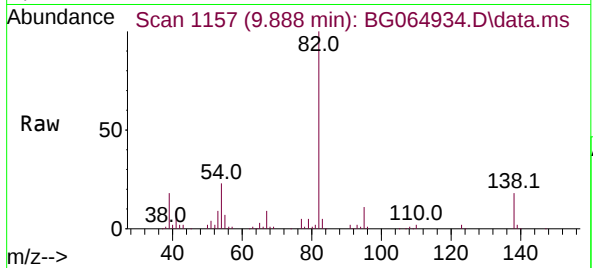
Tgt Ion: 82 Resp: 129298
Ion Ratio Lower Upper
82 100
95 10.6 6.9 10.3
138 17.8 13.9 20.9

Manual Integrations

APPROVED

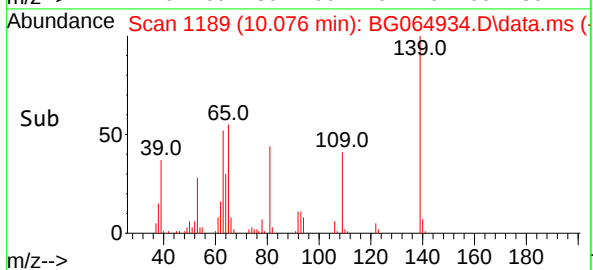
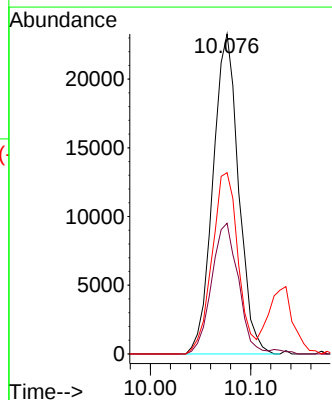
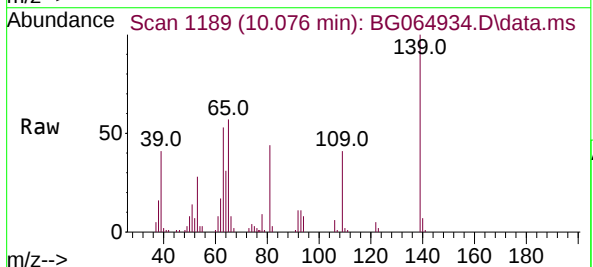
Reviewed By :Rahul Chavli 12/12/2025

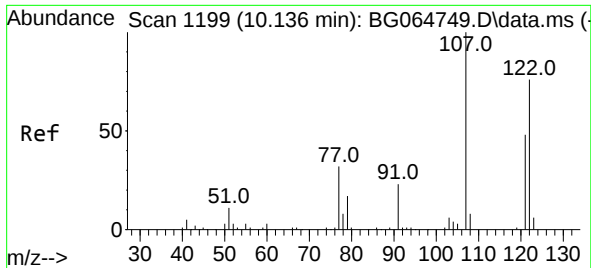
Supervised By :Jagrut Upadhyay 12/12/2025



#26
2-Nitrophenol
Concen: 51.459 ng
RT: 10.076 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:139 Resp: 41375
Ion Ratio Lower Upper
139 100
109 40.8 32.5 48.7
65 56.6 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 45.154 ng

RT: 10.129 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BG064934.D

Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS

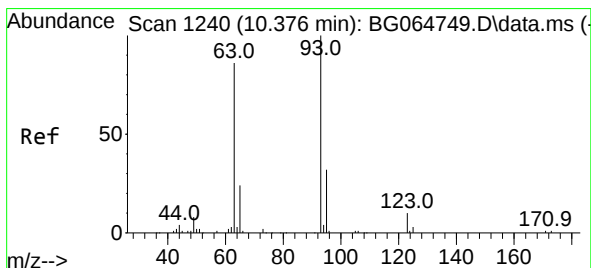
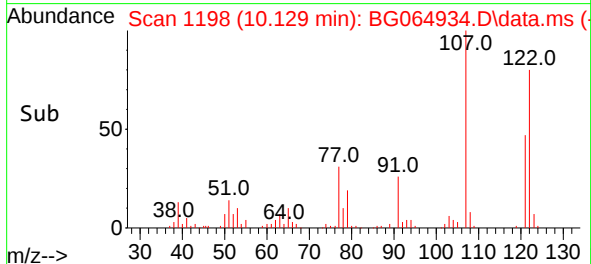
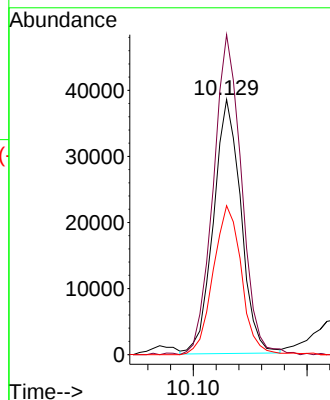
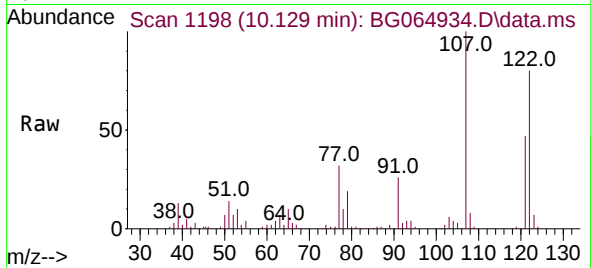
Tgt Ion:122 Resp: 64500
 Ion Ratio Lower Upper
 122 100
 107 125.4 102.5 153.7
 121 58.4 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 37.603 ng

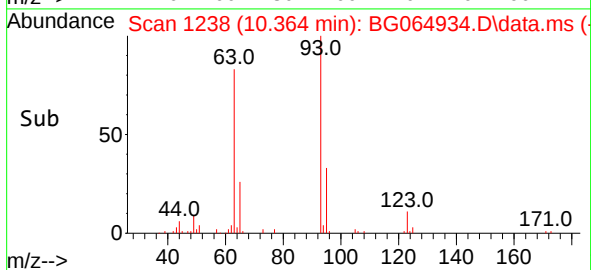
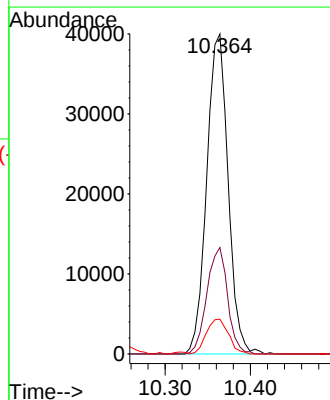
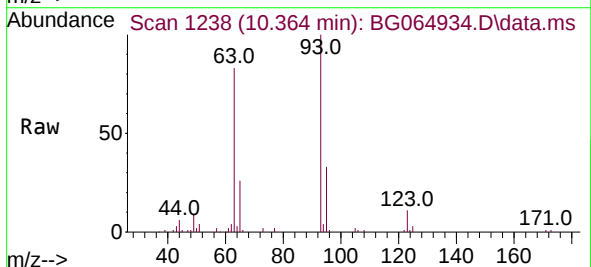
RT: 10.364 min Scan# 1238

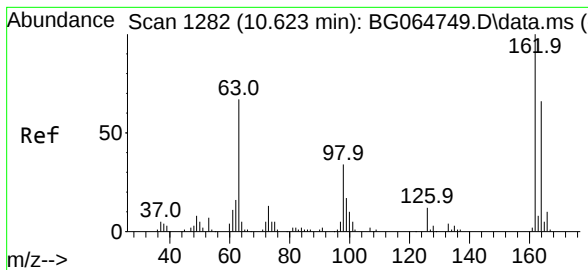
Delta R.T. -0.012 min

Lab File: BG064934.D

Acq: 11 Dec 2025 14:52

Tgt Ion: 93 Resp: 69549
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.4 38.2
 123 10.9 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 51.802 ng
RT: 10.617 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

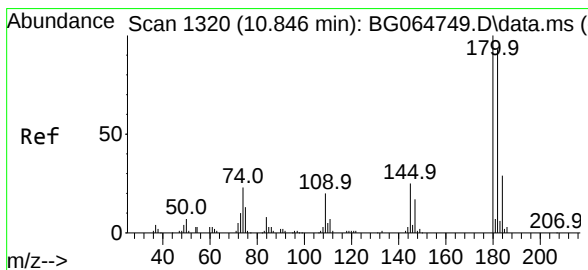
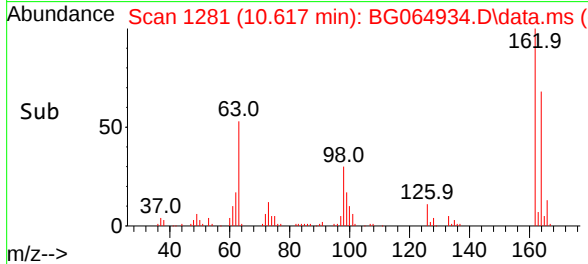
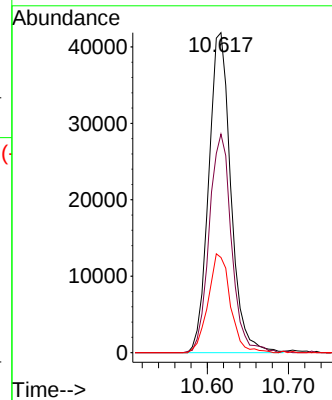
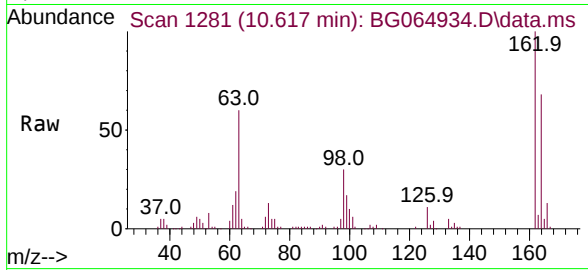
PB170904BS

Tgt Ion:162 Resp: 79443
Ion Ratio Lower Upper
162 100
164 68.3 46.0 86.0
98 29.8 14.2 54.2

Manual Integrations

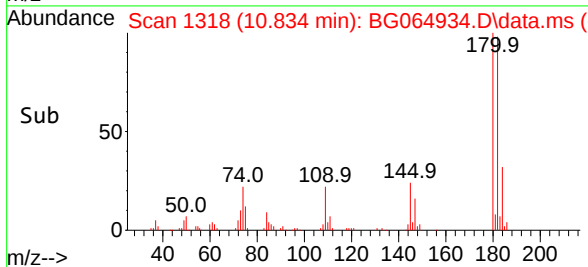
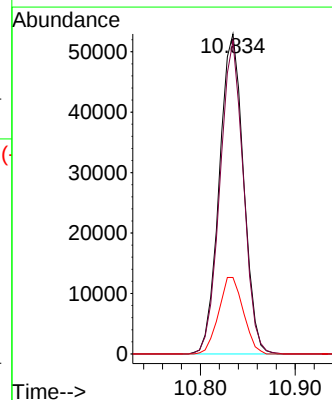
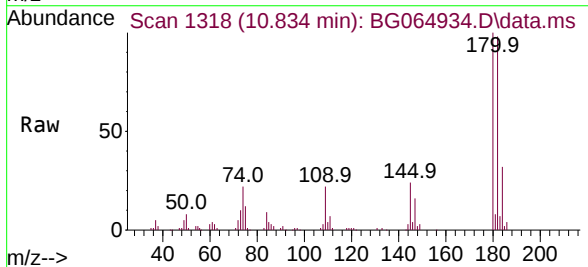
APPROVED

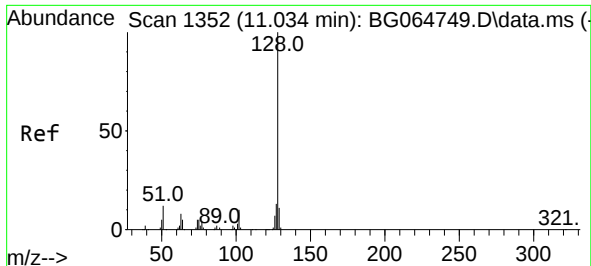
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 50.595 ng
RT: 10.834 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

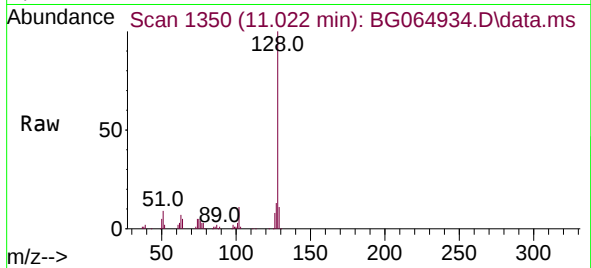
Tgt Ion:180 Resp: 93694
Ion Ratio Lower Upper
180 100
182 97.8 74.2 111.4
145 23.9 20.0 30.0





#31
Naphthalene
Concen: 41.741 ng
RT: 11.022 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

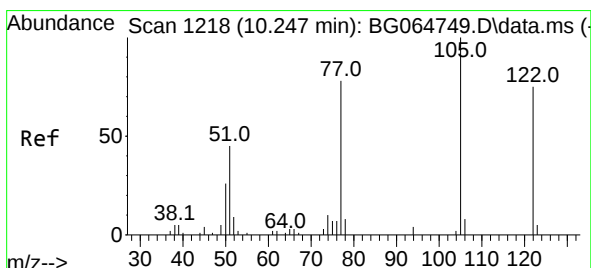
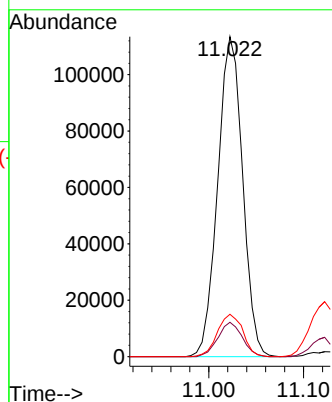
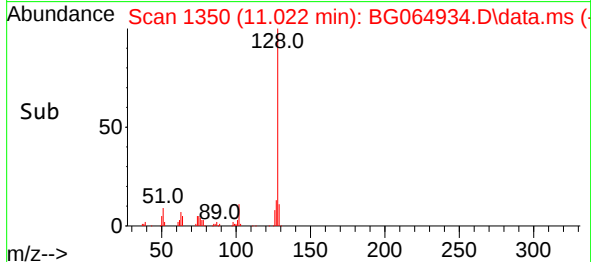
Instrument :
BNA_G
ClientSampleId :
PB170904BS



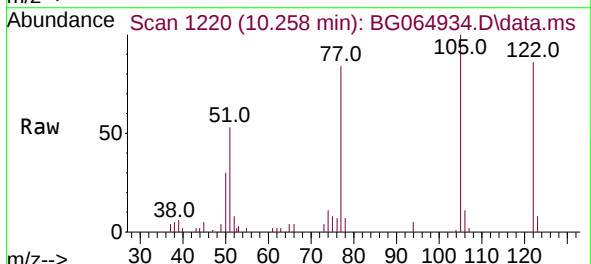
Tgt Ion:128 Resp: 206976
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 10.6 16.0

Manual Integrations
APPROVED

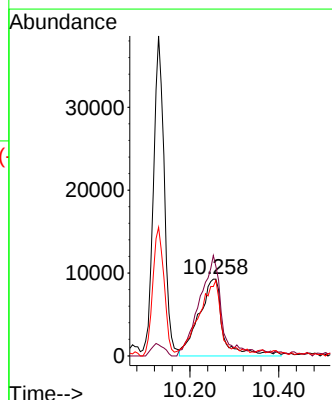
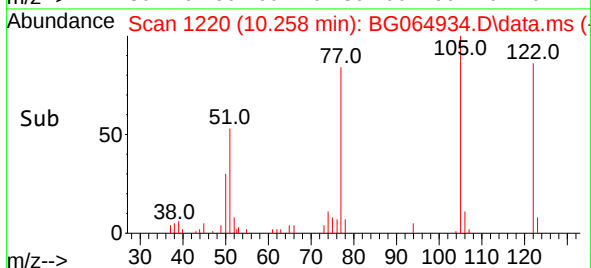
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

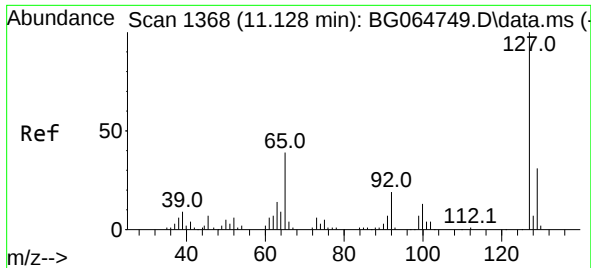


#32
Benzoic acid
Concen: 36.131 ng m
RT: 10.258 min Scan# 1220
Delta R.T. 0.011 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



Tgt Ion:122 Resp: 34754
Ion Ratio Lower Upper
122 100
105 116.8 107.6 147.6
77 98.4 82.5 122.5





#33
4-Chloroaniline
Concen: 19.503 ng
RT: 11.122 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

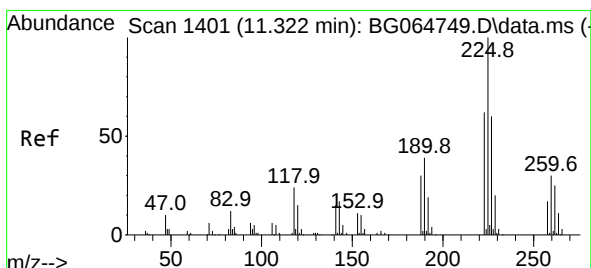
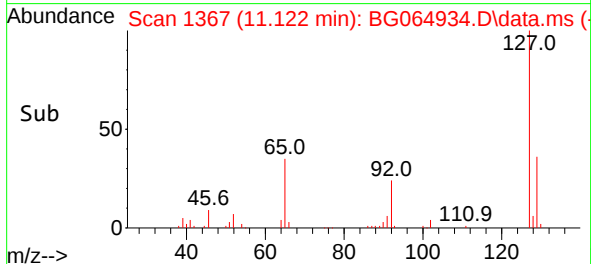
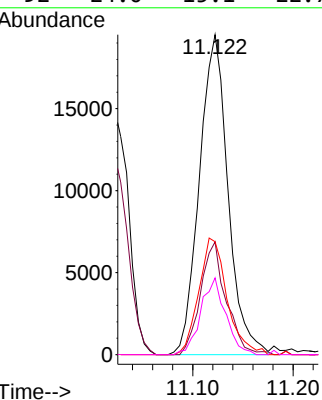
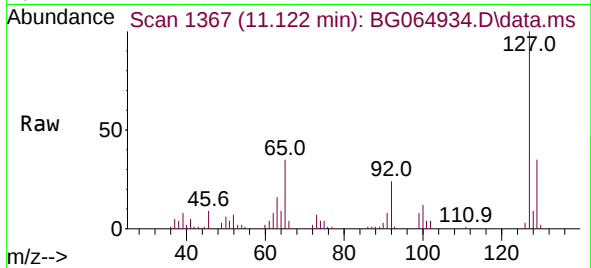
PB170904BS

Tgt Ion:127 Resp: 3868
Ion Ratio Lower Upper
127 100
129 35.2 24.9 37.3
65 35.3 30.9 46.3
92 24.0 15.1 22.7#

Manual Integrations

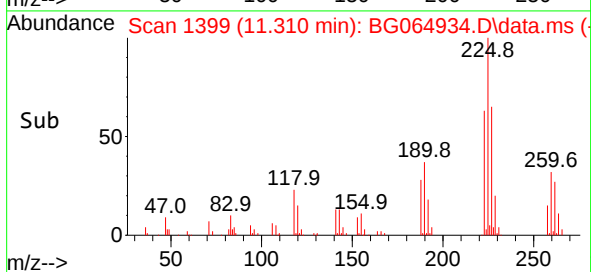
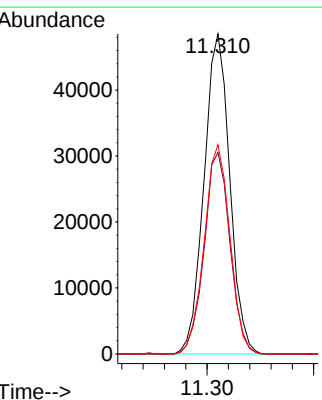
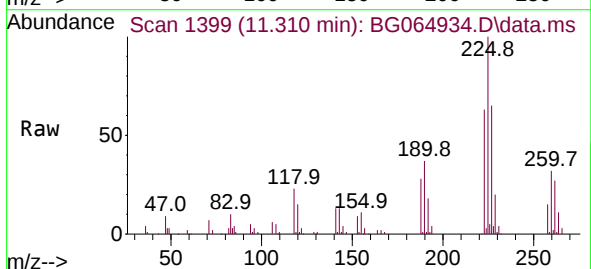
APPROVED

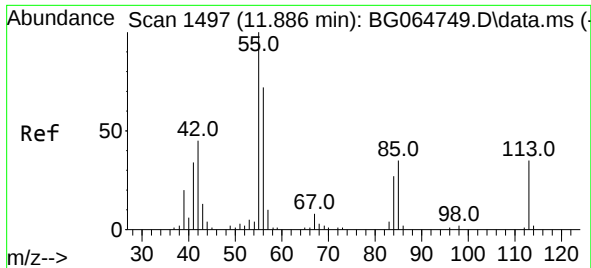
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#34
Hexachlorobutadiene
Concen: 51.210 ng
RT: 11.310 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:225 Resp: 81368
Ion Ratio Lower Upper
225 100
223 62.9 49.9 74.9
227 65.3 50.6 75.8





#35
Caprolactam
Concen: 45.466 ng m
RT: 11.892 min Scan# 1498
Delta R.T. 0.005 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

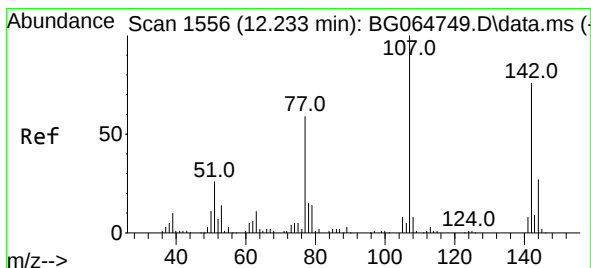
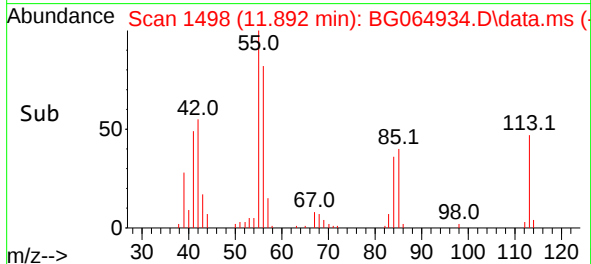
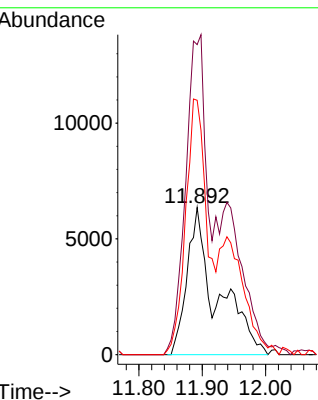
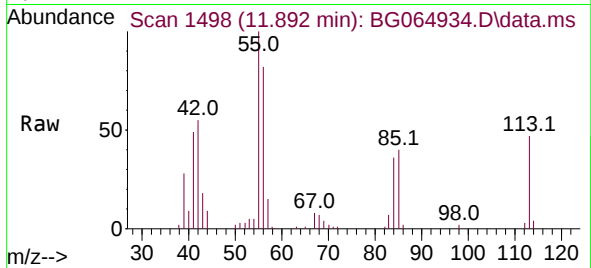
PB170904BS

Tgt Ion:113 Resp: 2085
Ion Ratio Lower Upper
113 100
55 210.7 263.7 303.7
56 172.8 184.0 224.0

Manual Integrations

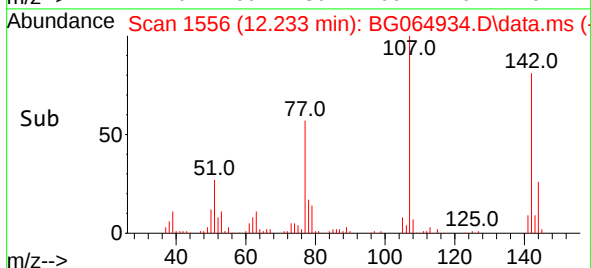
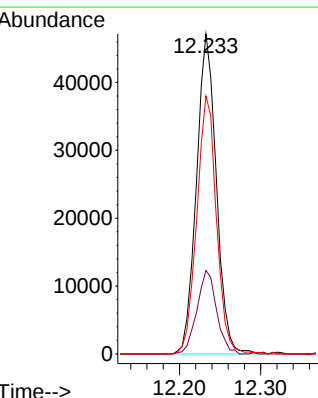
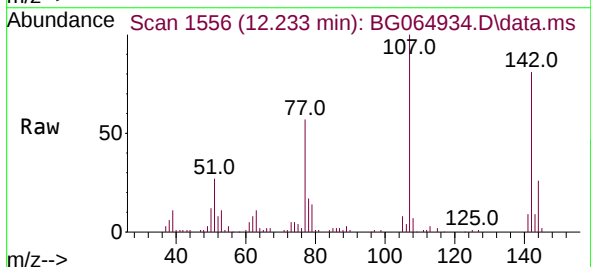
APPROVED

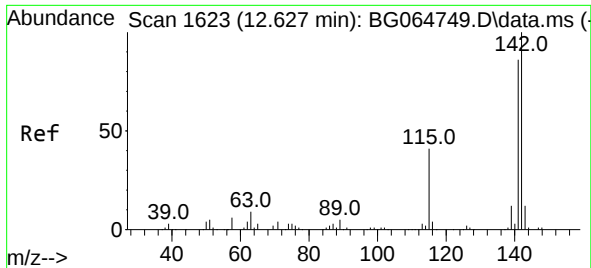
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#36
4-Chloro-3-methylphenol
Concen: 46.982 ng
RT: 12.233 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:107 Resp: 80196
Ion Ratio Lower Upper
107 100
144 26.1 21.7 32.5
142 80.6 60.8 91.2





#37
2-Methylnaphthalene
Concen: 39.128 ng
RT: 12.615 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

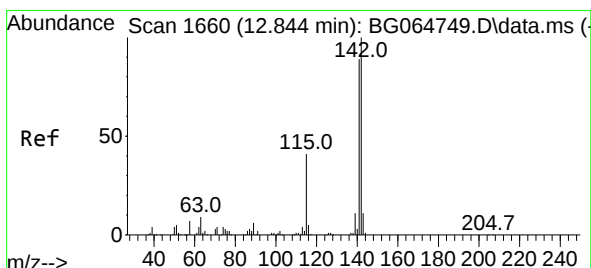
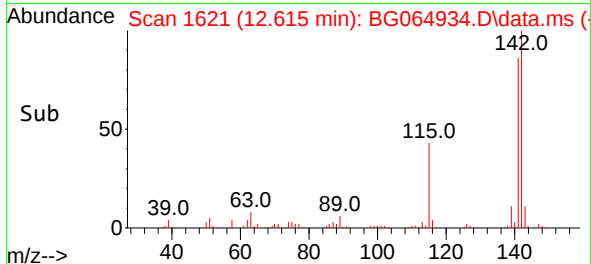
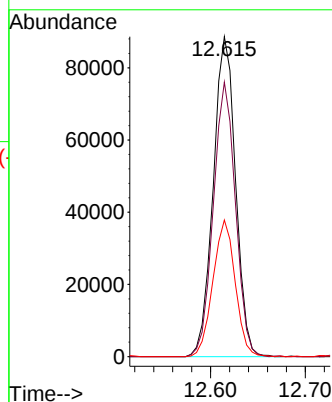
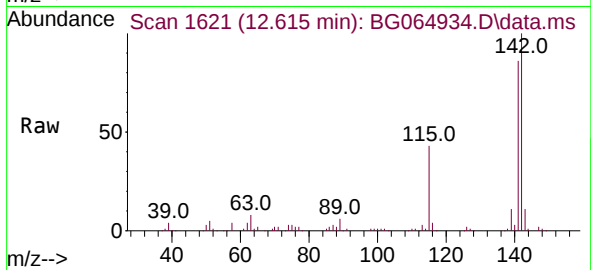
PB170904BS

Tgt Ion:142 Resp: 145192
Ion Ratio Lower Upper
142 100
141 85.8 69.1 103.7
115 42.7 32.9 49.3

Manual Integrations

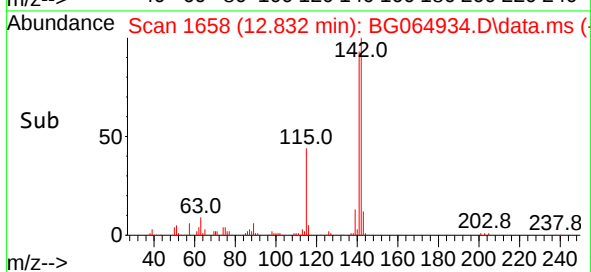
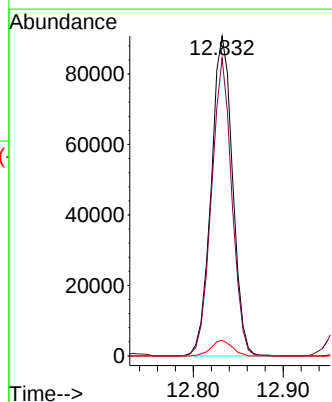
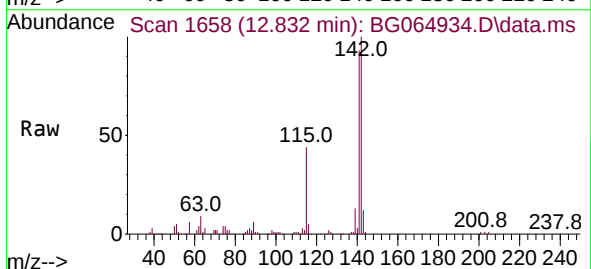
APPROVED

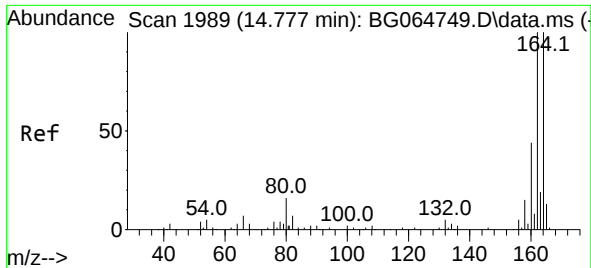
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#38
1-Methylnaphthalene
Concen: 40.799 ng
RT: 12.832 min Scan# 1658
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:142 Resp: 150383
Ion Ratio Lower Upper
142 100
141 93.1 70.8 106.2
116 4.9 3.7 5.5





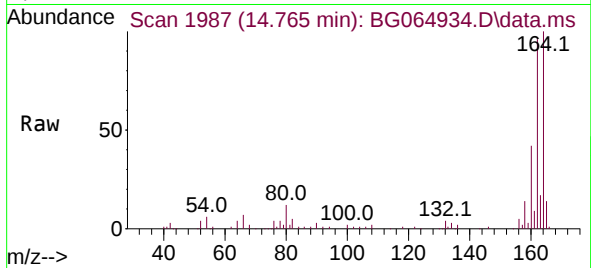
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS

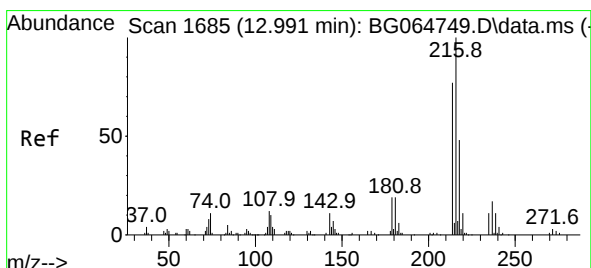
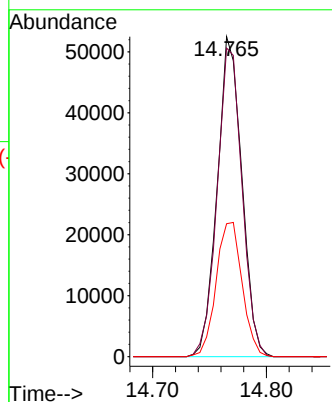
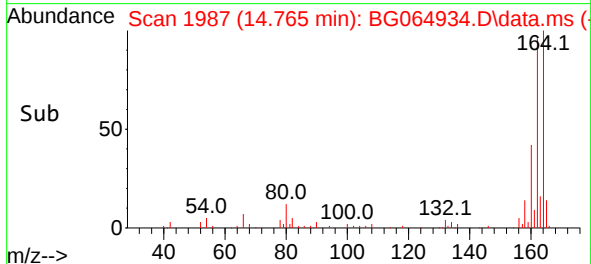


Tgt Ion:164 Resp: 78632
Ion Ratio Lower Upper
164 100
162 96.4 79.8 119.6
160 41.6 34.9 52.3

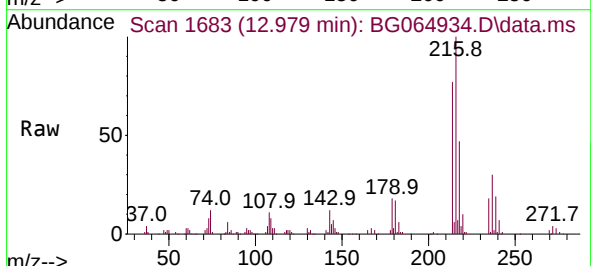
Manual Integrations

APPROVED

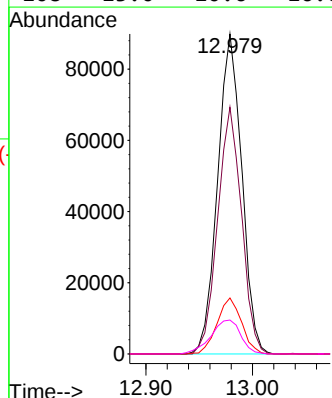
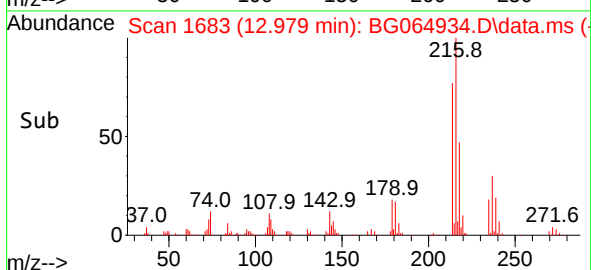
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

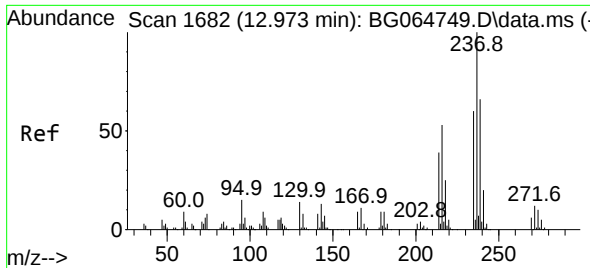


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.291 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



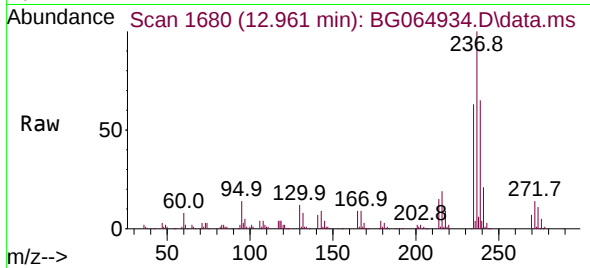
Tgt Ion:216 Resp: 141665
Ion Ratio Lower Upper
216 100
214 76.0 60.5 90.7
179 17.7 14.7 22.1
108 13.0 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 84.596 ng
RT: 12.961 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

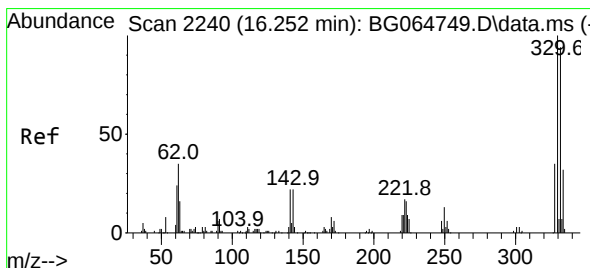
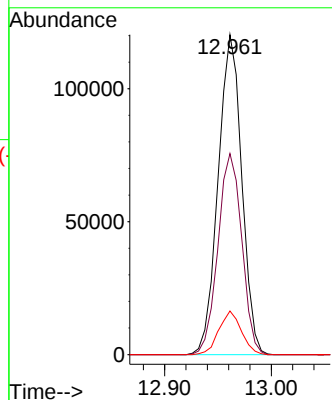
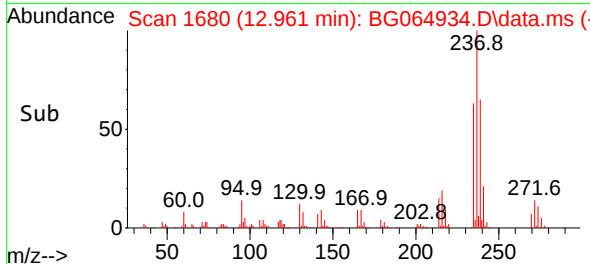
Instrument :
BNA_G
ClientSampleId :
PB170904BS



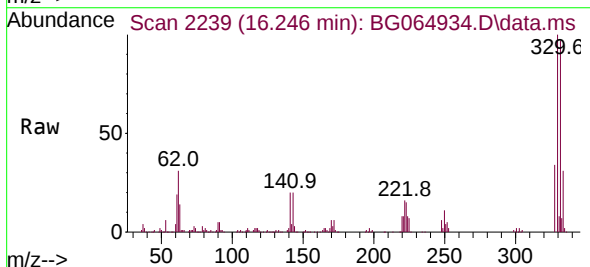
Tgt Ion:237 Resp: 185566
Ion Ratio Lower Upper
237 100
235 62.8 40.2 80.2
272 13.6 0.0 31.9

Manual Integrations
APPROVED

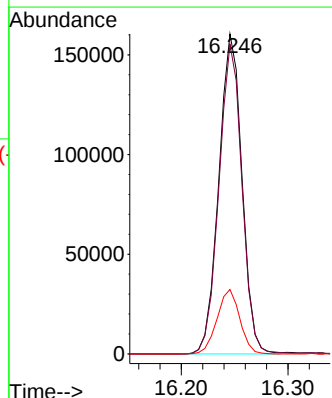
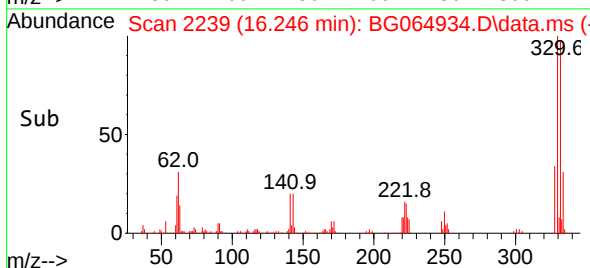
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

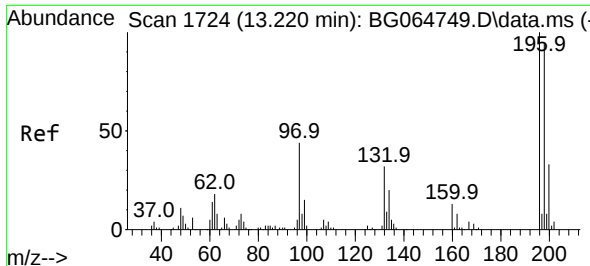


#42
2,4,6-Tribromophenol
Concen: 157.962 ng
RT: 16.246 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



Tgt Ion:330 Resp: 242261
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 19.8 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 49.503 ng
RT: 13.208 min Scan# 1724
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

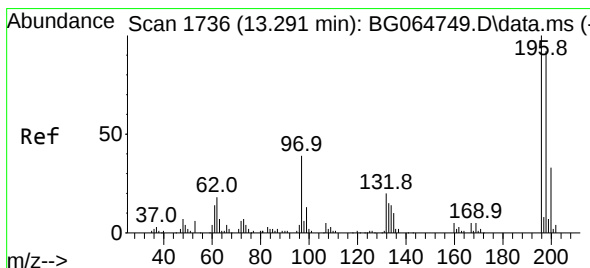
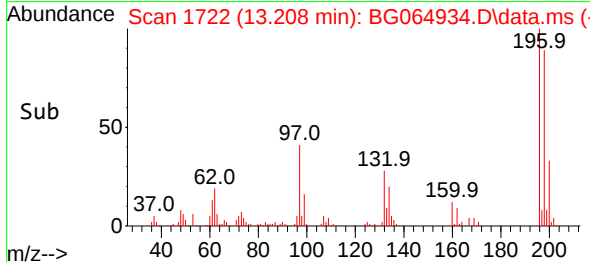
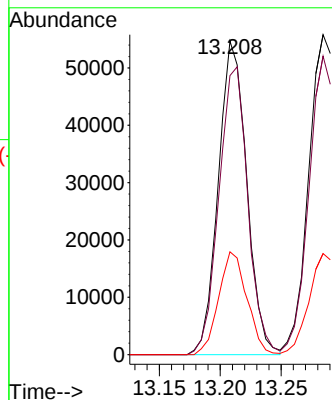
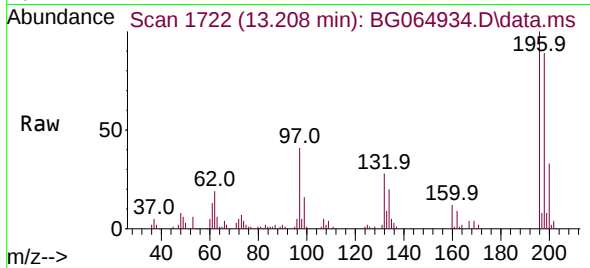
ClientSampleId :

PB170904BS

Tgt Ion:196 Resp: 88915
Ion Ratio Lower Upper
196 100
198 89.0 75.3 112.9
200 32.8 26.2 39.2

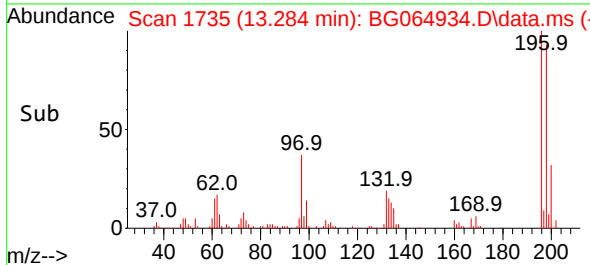
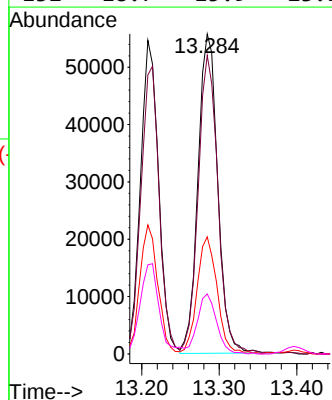
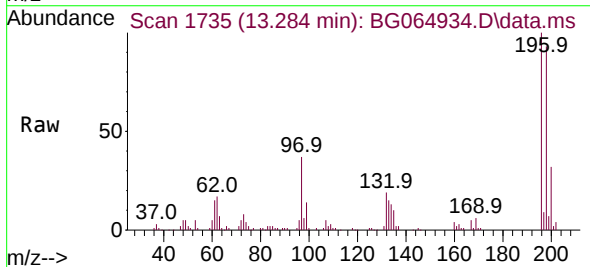
Manual Integrations
APPROVED

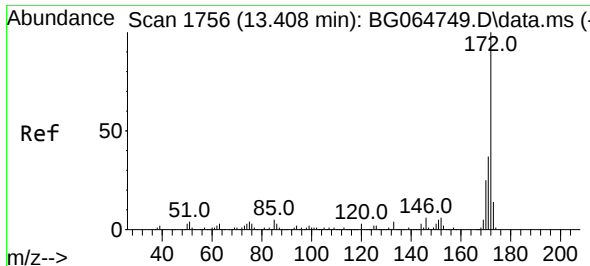
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#44
2,4,5-Trichlorophenol
Concen: 48.945 ng
RT: 13.284 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

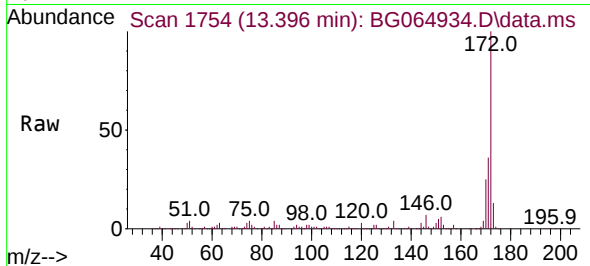
Tgt Ion:196 Resp: 98600
Ion Ratio Lower Upper
196 100
198 93.3 73.2 109.8
97 36.6 31.4 47.0
132 18.7 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 80.957 ng
RT: 13.396 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

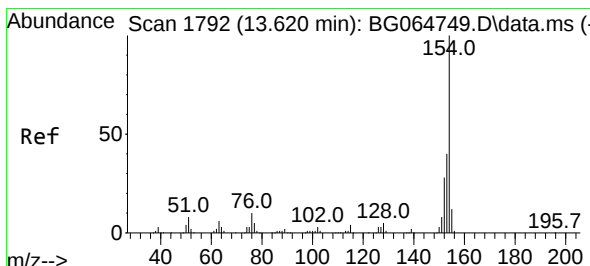
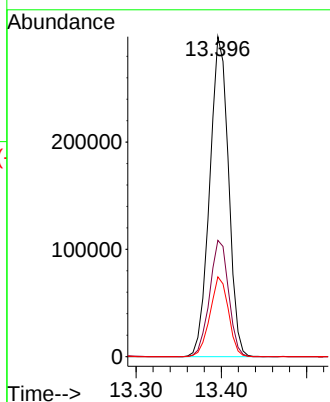
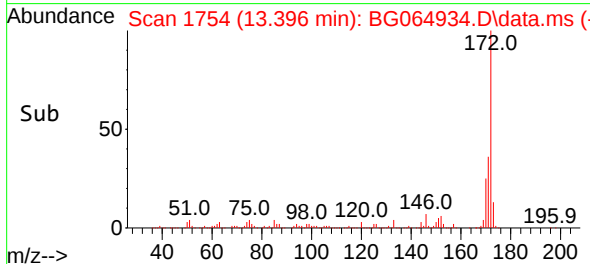
Instrument :
BNA_G
ClientSampleId :
PB170904BS



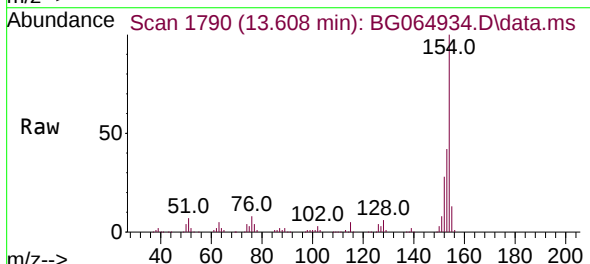
Tgt Ion:172 Resp: 456249
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 24.9 19.8 29.6

Manual Integrations
APPROVED

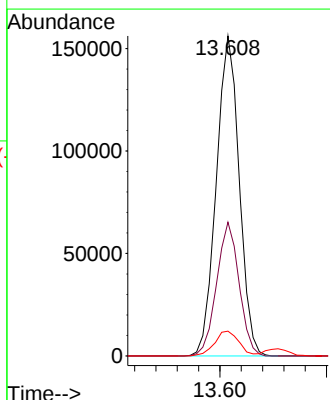
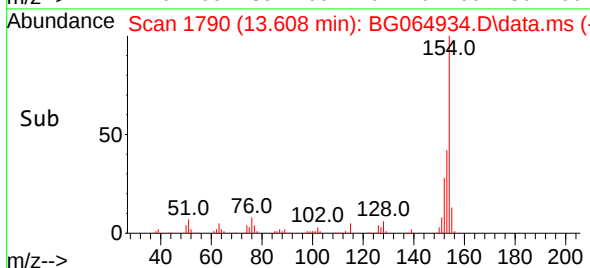
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

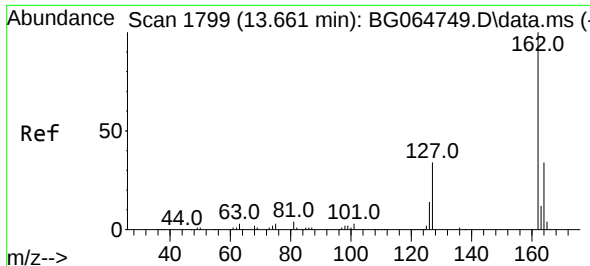


#46
1,1'-Biphenyl
Concen: 41.351 ng
RT: 13.608 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



Tgt Ion:154 Resp: 233547
Ion Ratio Lower Upper
154 100
153 41.8 19.8 59.8
76 7.8 0.0 30.0





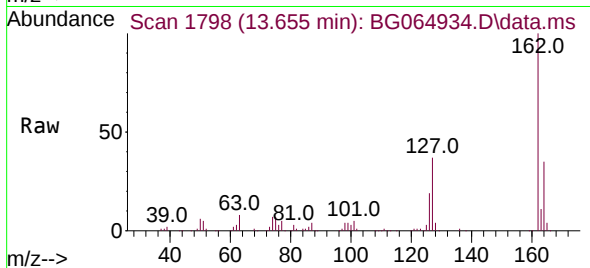
#47
2-Chloronaphthalene
Concen: 41.169 ng
RT: 13.655 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS



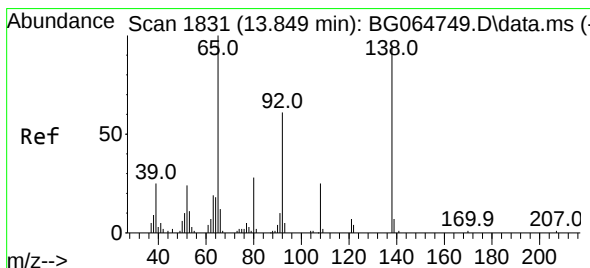
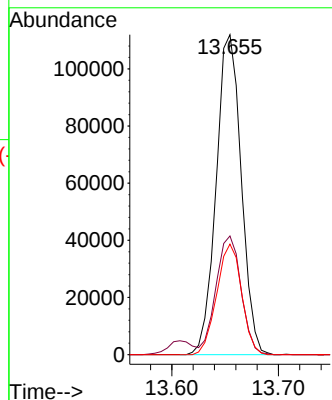
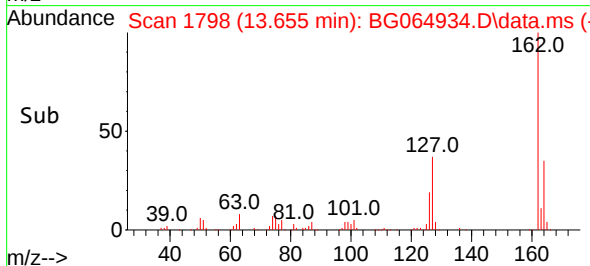
Tgt Ion:162 Resp: 183188
Ion Ratio Lower Upper
162 100
127 37.1 30.3 45.5
164 34.5 26.8 40.2

Manual Integrations

APPROVED

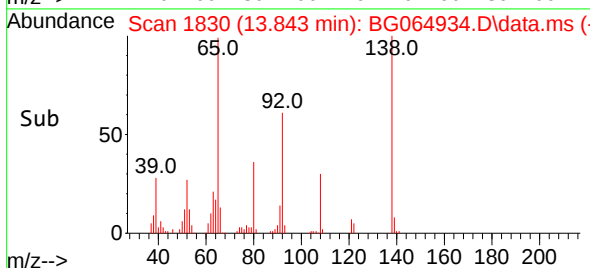
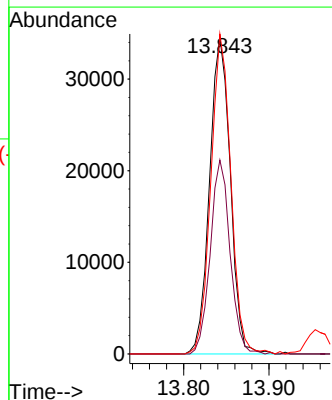
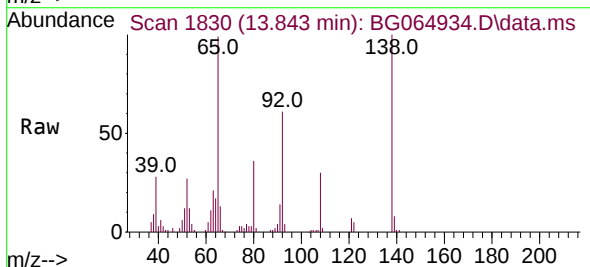
Reviewed By :Rahul Chavli 12/12/2025

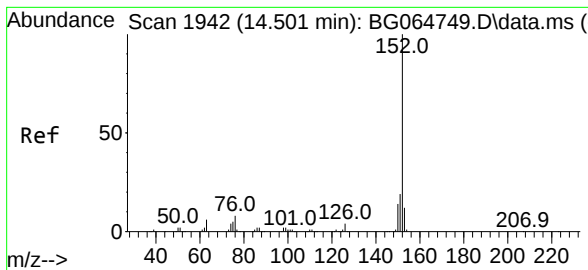
Supervised By :Jagrut Upadhyay 12/12/2025



#48
2-Nitroaniline
Concen: 40.668 ng
RT: 13.843 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

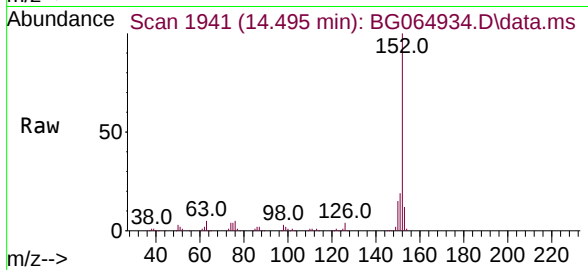
Tgt Ion: 65 Resp: 58203
Ion Ratio Lower Upper
65 100
92 61.2 48.6 73.0
138 101.0 76.4 114.6





#49
Acenaphthylene
Concen: 41.965 ng
RT: 14.495 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

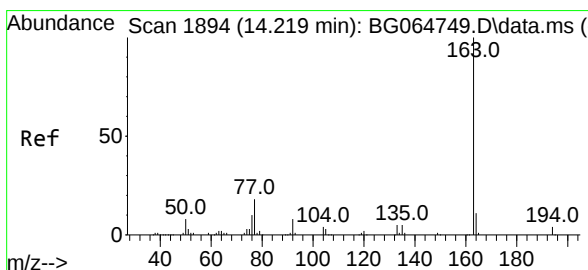
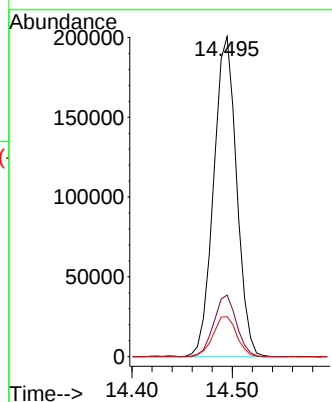
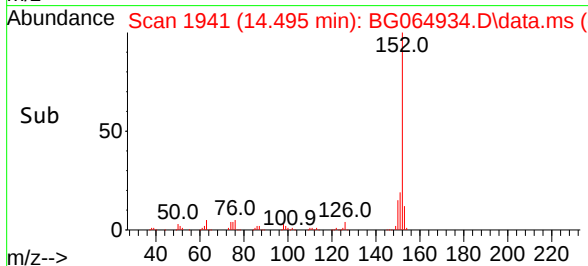
Instrument :
BNA_G
ClientSampleId :
PB170904BS



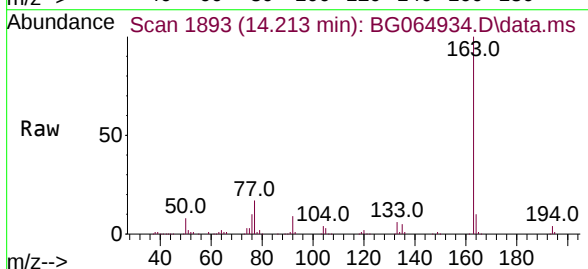
Tgt Ion:152 Resp: 319010
Ion Ratio Lower Upper
152 100
151 19.2 15.0 22.4
153 12.5 9.9 14.9

Manual Integrations
APPROVED

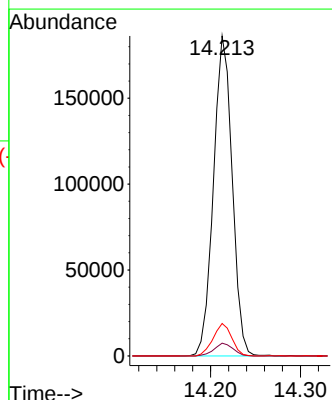
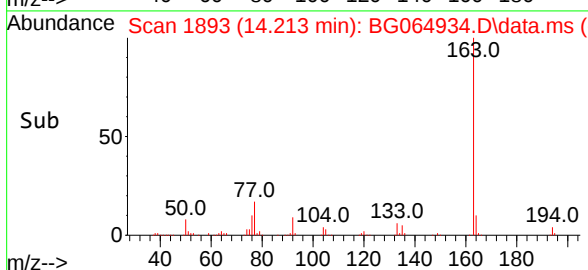
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

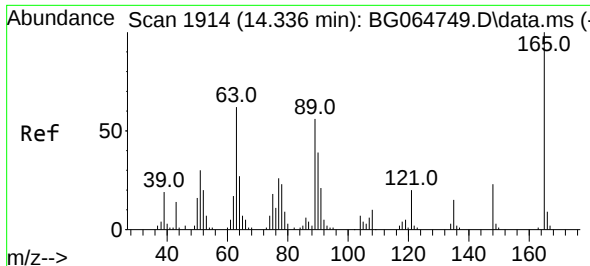


#50
Dimethylphthalate
Concen: 43.675 ng
RT: 14.213 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



Tgt Ion:163 Resp: 271298
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 46.694 ng
RT: 14.330 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

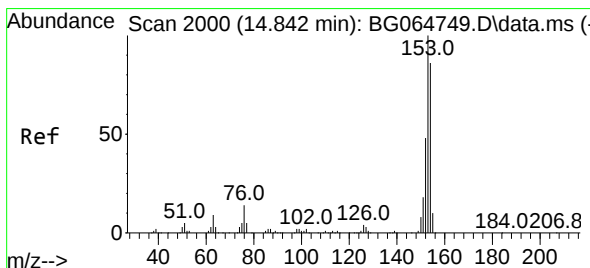
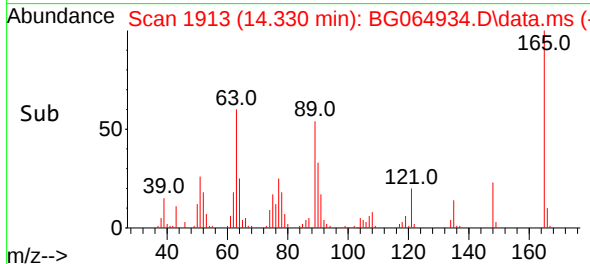
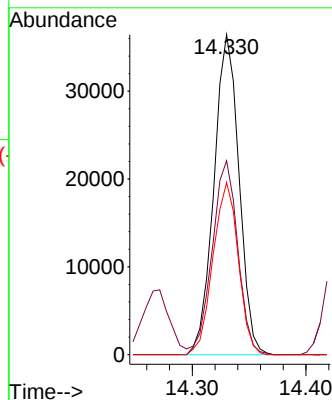
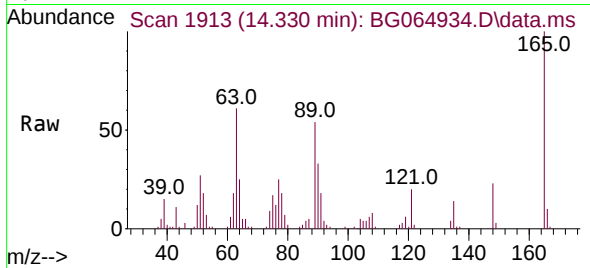
PB170904BS

Tgt Ion:165 Resp: 55814
Ion Ratio Lower Upper
165 100
63 60.6 49.8 74.8
89 53.8 45.0 67.4

Manual Integrations

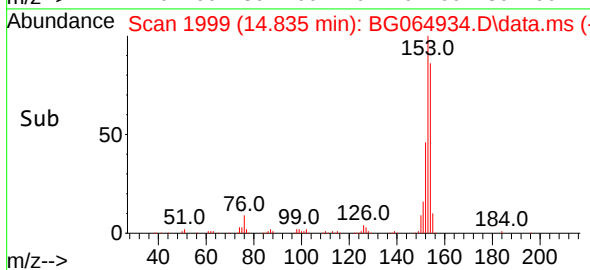
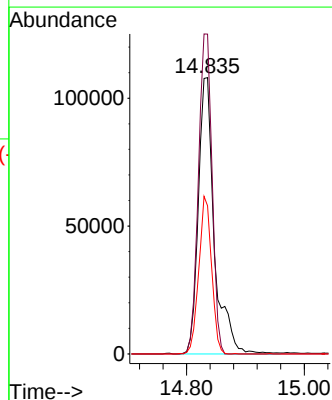
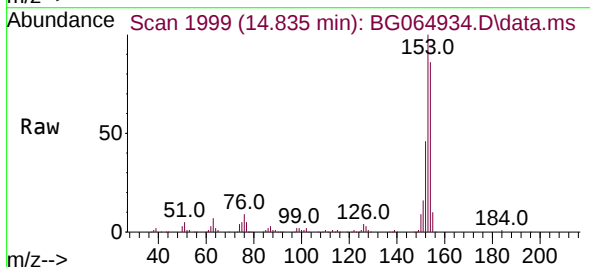
APPROVED

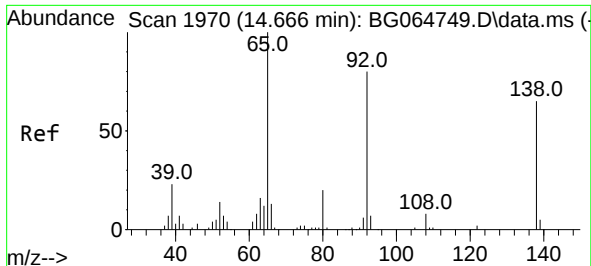
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#52
Acenaphthene
Concen: 44.986 ng
RT: 14.835 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:154 Resp: 205042
Ion Ratio Lower Upper
154 100
153 115.8 93.0 139.4
152 53.6 44.4 66.6





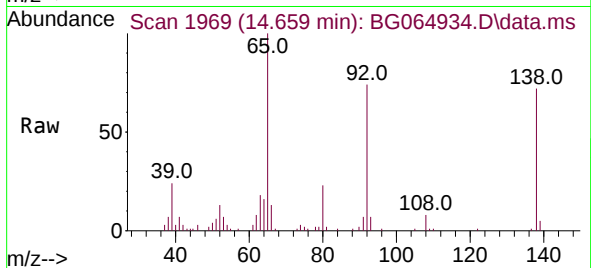
#53
3-Nitroaniline
Concen: 27.582 ng
RT: 14.659 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS

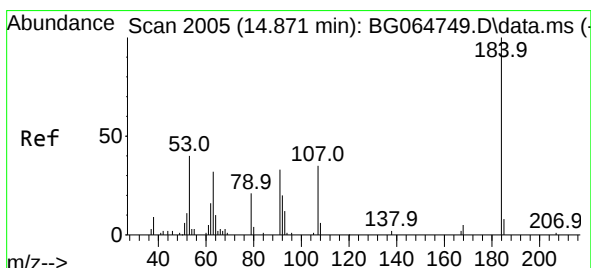
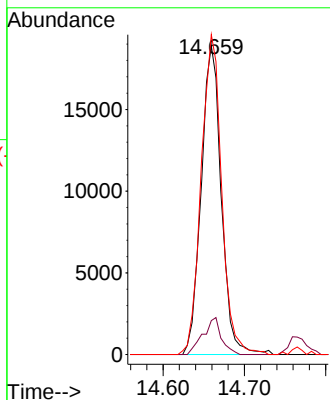
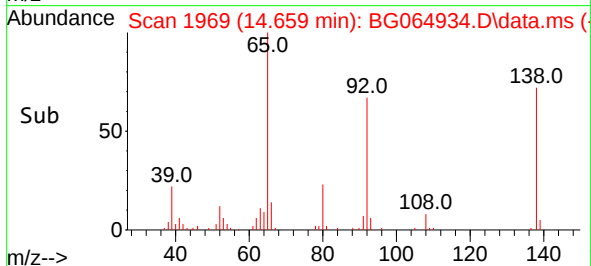


Tgt Ion:138 Resp: 32540
Ion Ratio Lower Upper
138 100
108 11.0 9.5 14.3
92 103.6 99.0 148.4

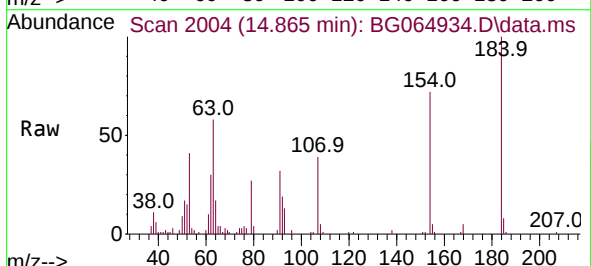
Manual Integrations

APPROVED

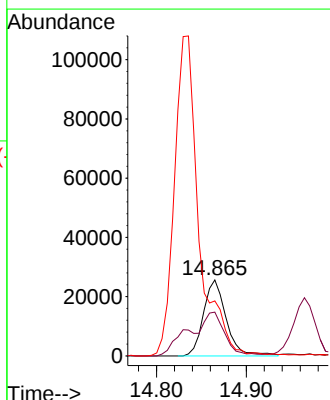
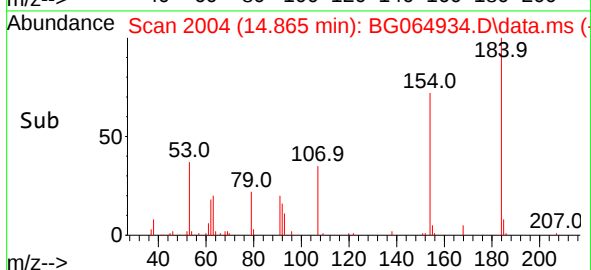
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

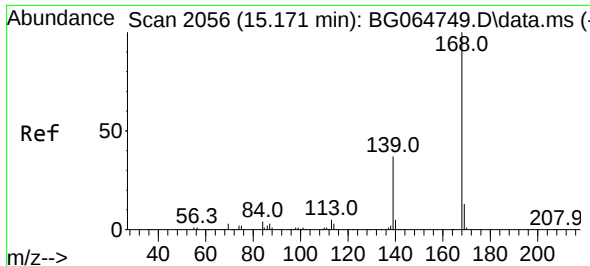


#54
2,4-Dinitrophenol
Concen: 57.654 ng
RT: 14.865 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



Tgt Ion:184 Resp: 45007
Ion Ratio Lower Upper
184 100
63 57.5 45.8 68.6
154 72.3 52.6 78.8





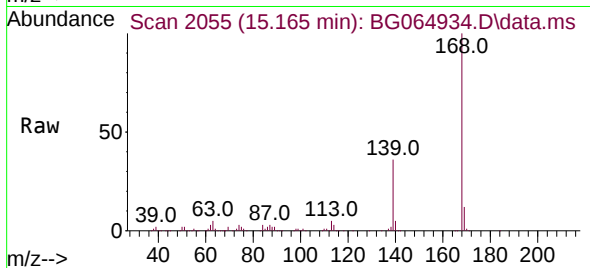
#55
Dibenzenofuran
Concen: 42.891 ng
RT: 15.165 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS

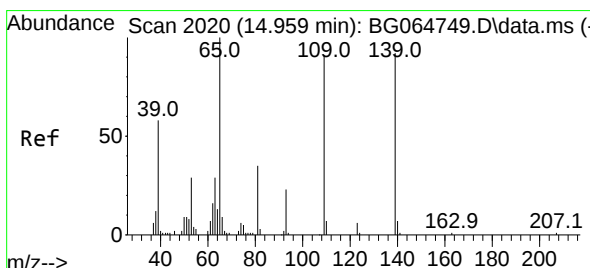
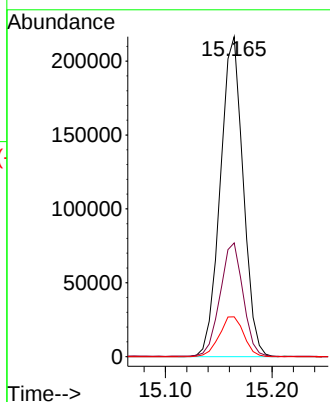
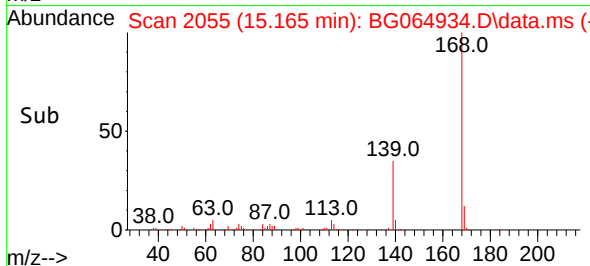


Tgt Ion:168 Resp: 323200
Ion Ratio Lower Upper
168 100
139 35.5 29.5 44.3
169 12.4 10.4 15.6

Manual Integrations

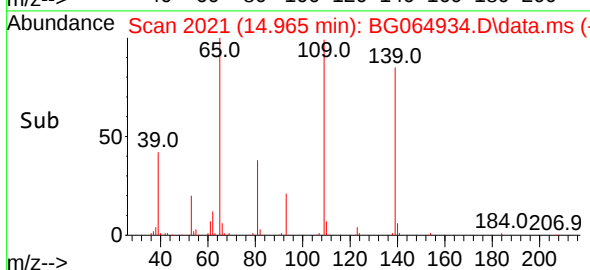
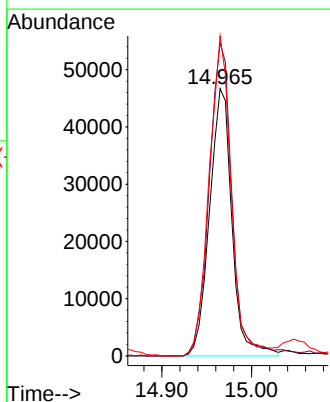
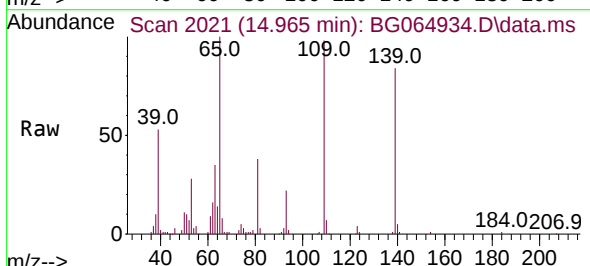
APPROVED

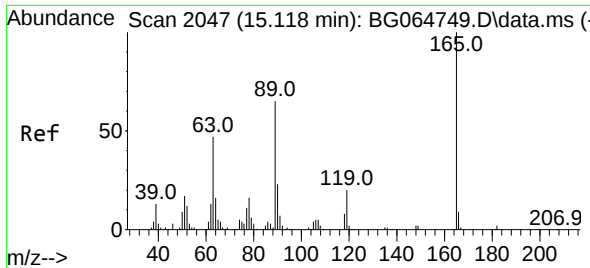
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#56
4-Nitrophenol
Concen: 86.583 ng
RT: 14.965 min Scan# 2021
Delta R.T. 0.005 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:139 Resp: 81042
Ion Ratio Lower Upper
139 100
109 117.1 79.7 119.7
65 119.8 89.9 129.9





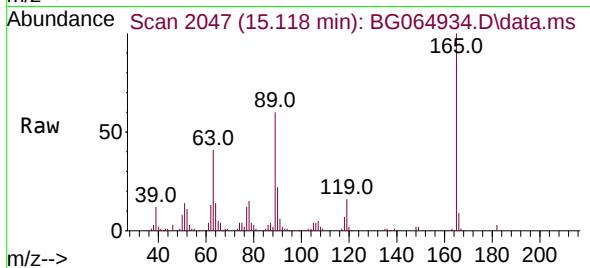
#57
2,4-Dinitrotoluene
Concen: 46.587 ng
RT: 15.118 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS

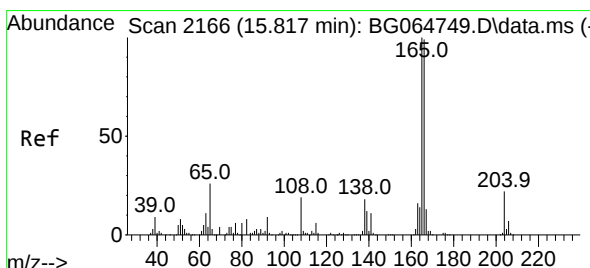
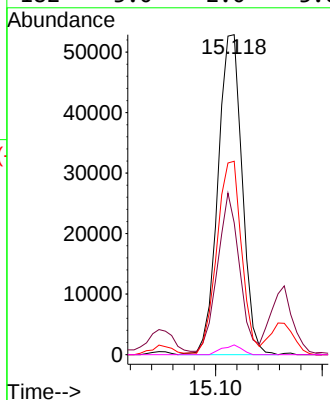
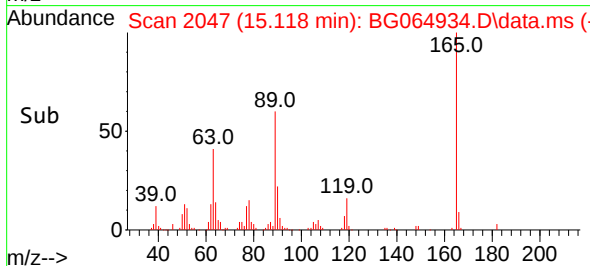


Tgt Ion:165 Resp: 83484
Ion Ratio Lower Upper
165 100
63 41.2 37.8 56.6
89 60.5 51.6 77.4
182 3.0 2.0 3.0#

Manual Integrations

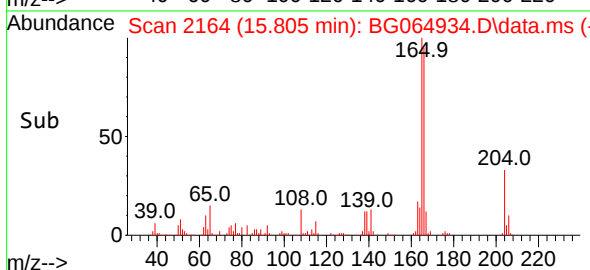
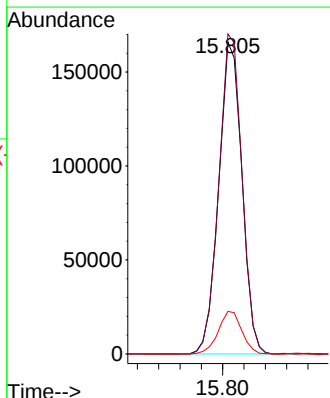
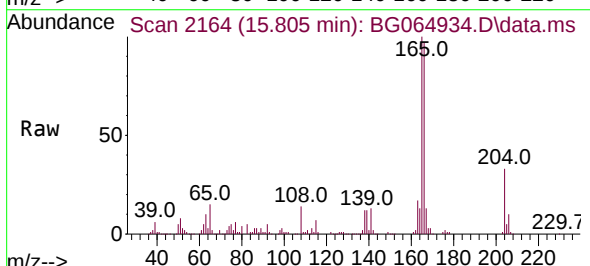
APPROVED

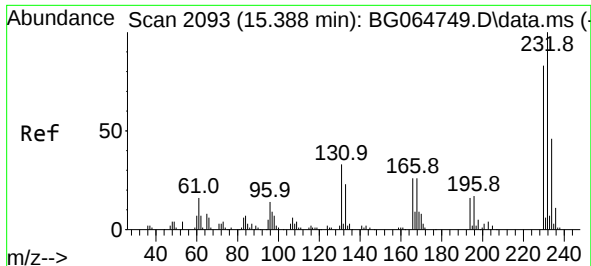
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#58
Fluorene
Concen: 42.471 ng
RT: 15.805 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:166 Resp: 251005
Ion Ratio Lower Upper
166 100
165 102.6 80.5 120.7
167 13.6 10.3 15.5





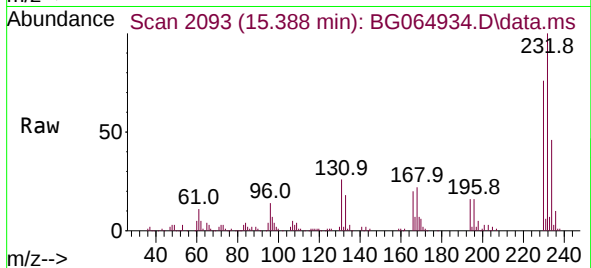
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.458 ng
RT: 15.388 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS



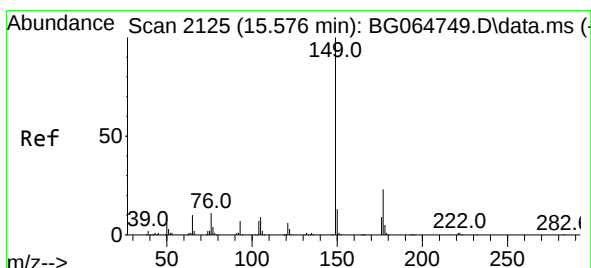
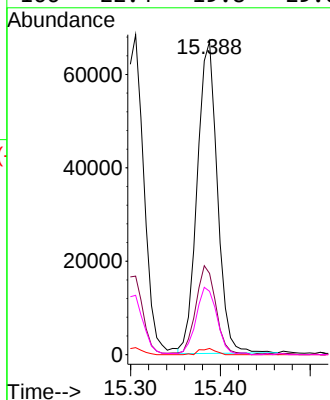
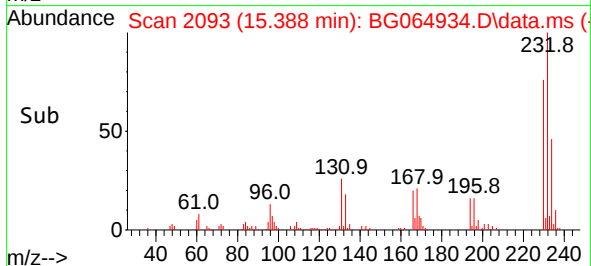
Tgt Ion:232 Resp: 104261
Ion Ratio Lower Upper
232 100
131 28.6 26.0 39.0
130 1.6 1.6 2.4
166 22.4 19.8 29.6

Manual Integrations

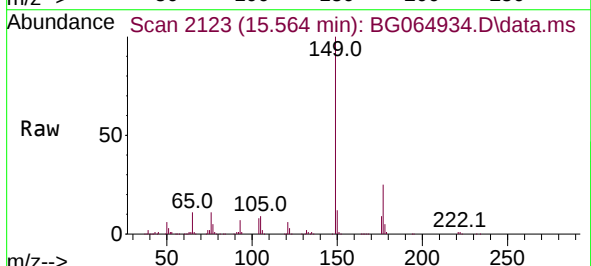
APPROVED

Reviewed By :Rahul Chavli 12/12/2025

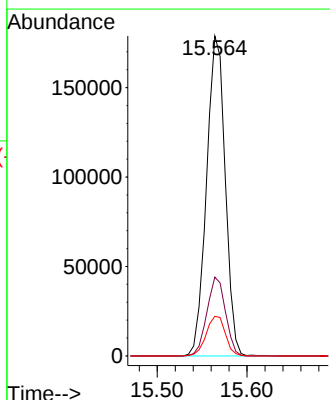
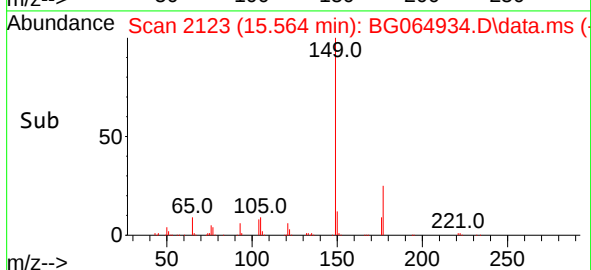
Supervised By :Jagrut Upadhyay 12/12/2025

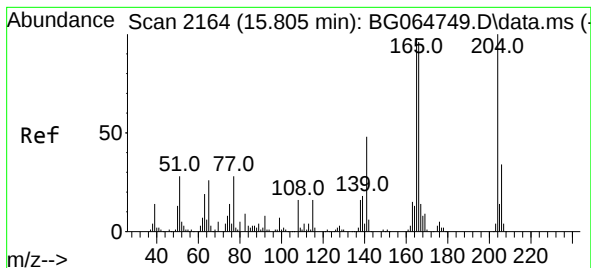


#60
Diethylphthalate
Concen: 43.399 ng
RT: 15.564 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



Tgt Ion:149 Resp: 258255
Ion Ratio Lower Upper
149 100
177 24.6 18.4 27.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.077 ng
RT: 15.793 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

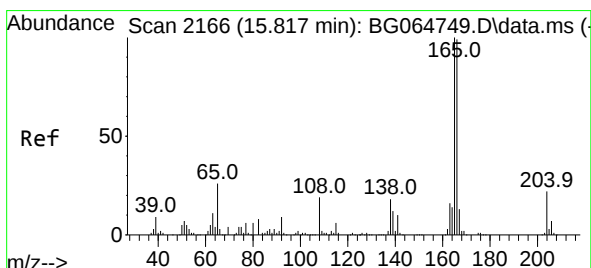
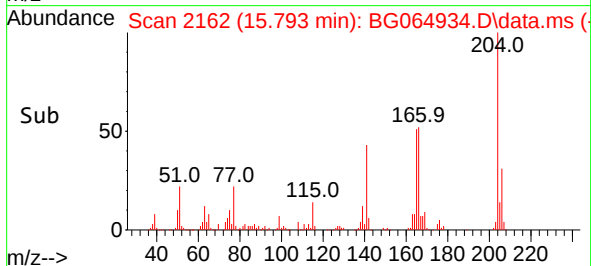
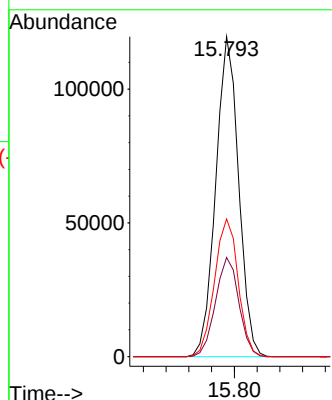
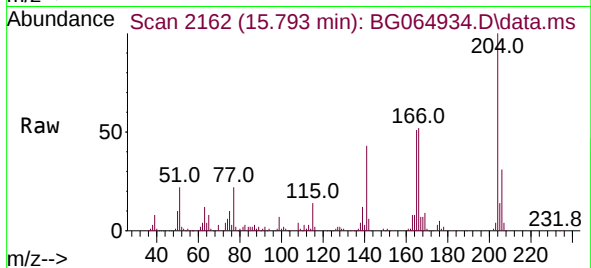
PB170904BS

Tgt Ion:204 Resp: 166973
Ion Ratio Lower Upper
204 100
206 31.0 26.9 40.3
141 43.0 38.1 57.1

Manual Integrations

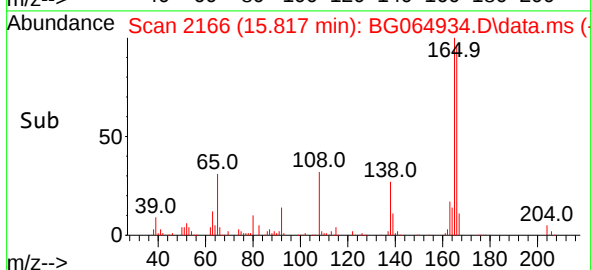
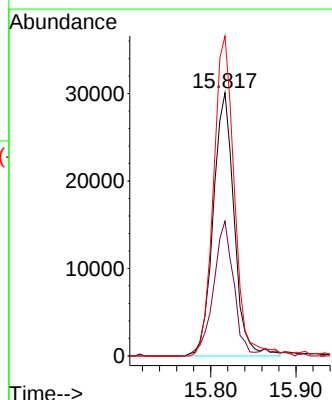
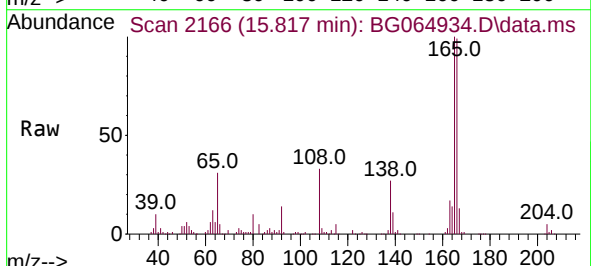
APPROVED

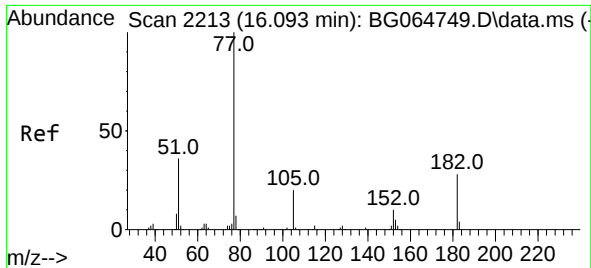
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#62
4-Nitroaniline
Concen: 41.888 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

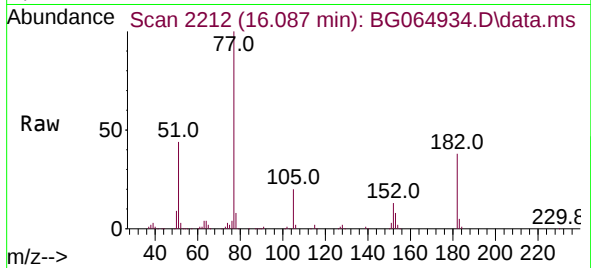
Tgt Ion:138 Resp: 51195
Ion Ratio Lower Upper
138 100
92 51.2 30.7 70.7
108 121.6 85.7 125.7





#63
Azobenzene
Concen: 36.892 ng
RT: 16.087 min Scan# 211
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

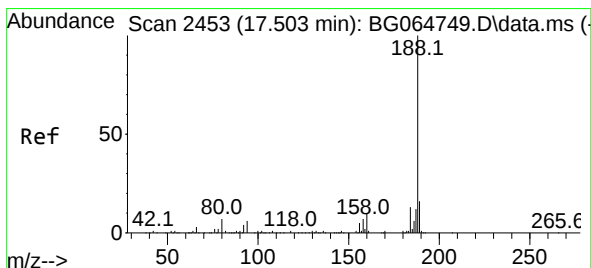
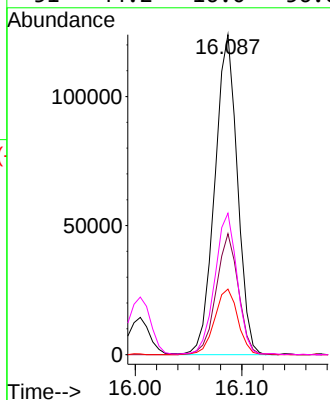
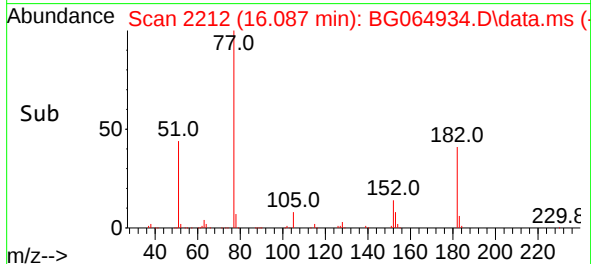
Instrument :
BNA_G
ClientSampleId :
PB170904BS



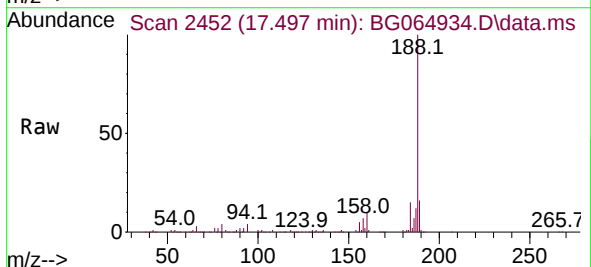
Tgt Ion: 77 Resp: 182596
Ion Ratio Lower Upper
77 100
182 37.8 8.1 48.1
105 20.5 0.1 40.1
51 44.2 16.0 56.0

Manual Integrations
APPROVED

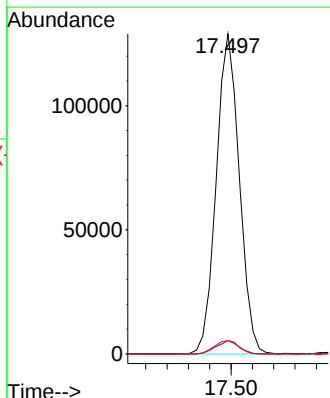
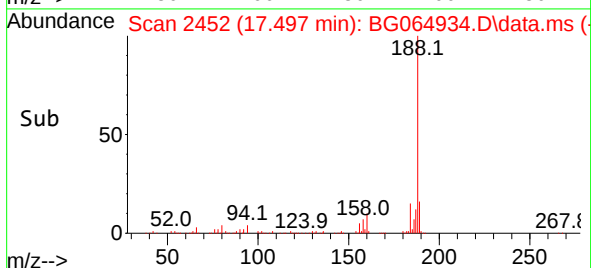
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

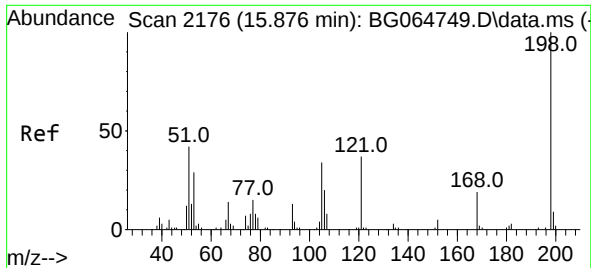


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



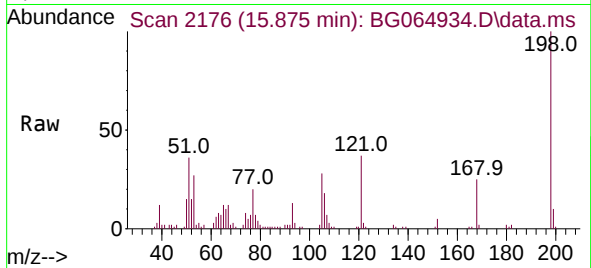
Tgt Ion:188 Resp: 193790
Ion Ratio Lower Upper
188 100
94 4.2 4.7 7.1#
80 4.2 5.4 8.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 39.588 ng
RT: 15.875 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

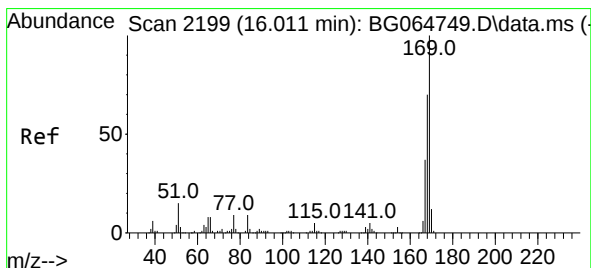
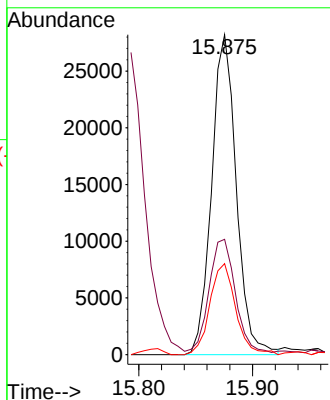
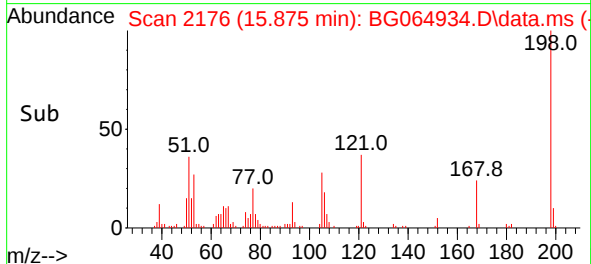
Instrument :
BNA_G
ClientSampleId :
PB170904BS



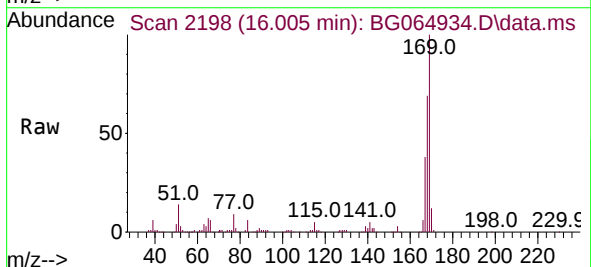
Tgt Ion:198 Resp: 42595
Ion Ratio Lower Upper
198 100
51 36.0 25.2 65.2
105 28.4 14.2 54.2

Manual Integrations
APPROVED

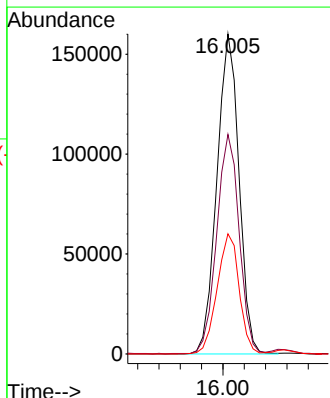
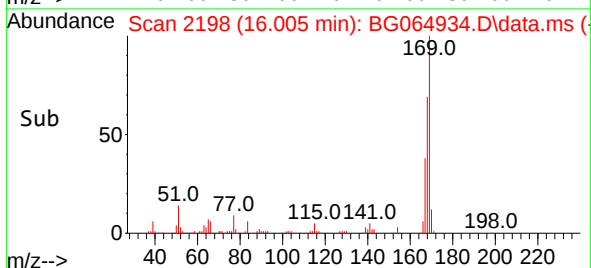
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

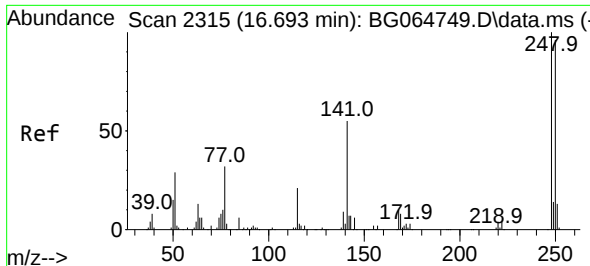


#66
n-Nitrosodiphenylamine
Concen: 45.460 ng
RT: 16.005 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



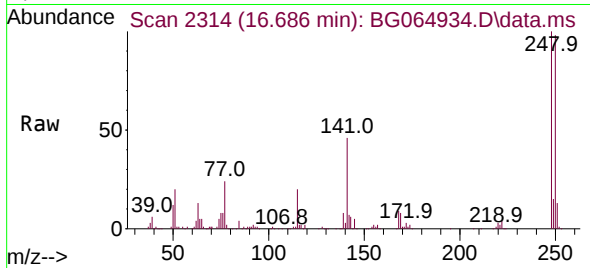
Tgt Ion:169 Resp: 230756
Ion Ratio Lower Upper
169 100
168 68.6 55.9 83.9
167 37.5 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 50.507 ng
RT: 16.686 min Scan# 2314
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

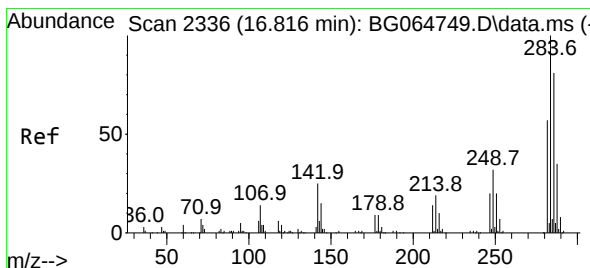
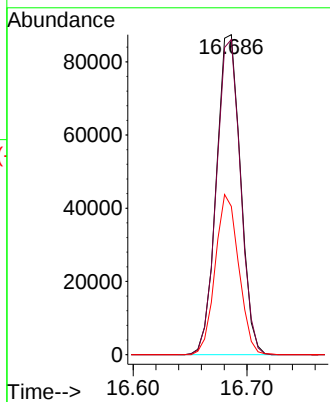
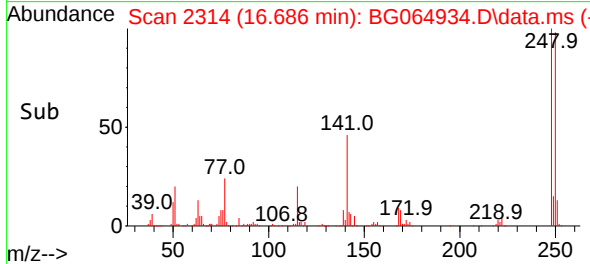
Instrument :
BNA_G
ClientSampleId :
PB170904BS



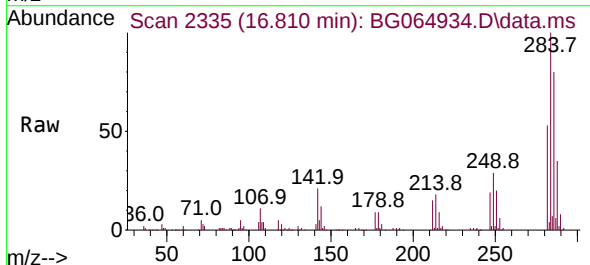
Tgt Ion:248 Resp: 128536
Ion Ratio Lower Upper
248 100
250 98.5 77.0 115.6
141 46.3 43.7 65.5

Manual Integrations
APPROVED

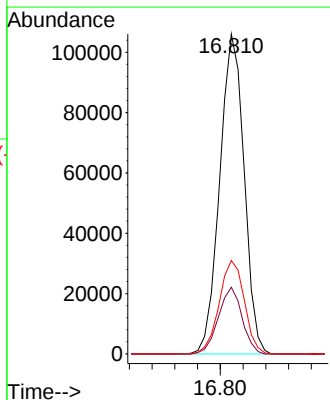
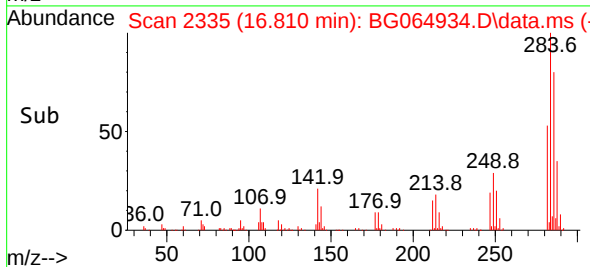
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

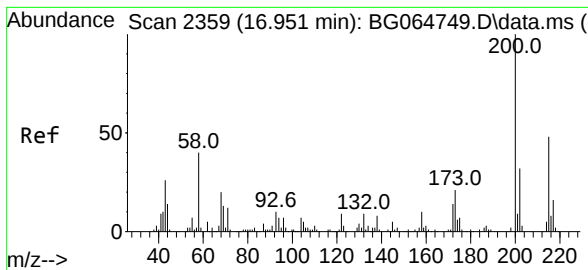


#68
Hexachlorobenzene
Concen: 51.150 ng
RT: 16.810 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



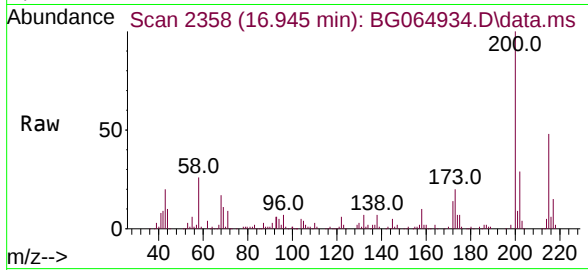
Tgt Ion:284 Resp: 157709
Ion Ratio Lower Upper
284 100
142 20.8 19.7 29.5
249 29.2 28.1 42.1





#69
 Atrazine
 Concen: 47.872 ng
 RT: 16.945 min Scan# 2358
 Delta R.T. -0.006 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52

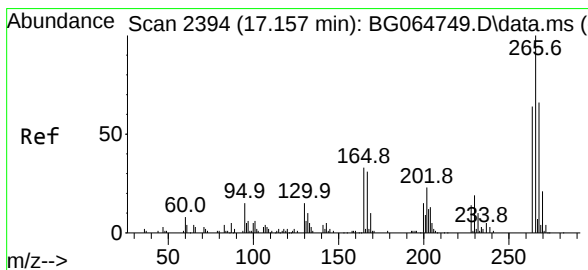
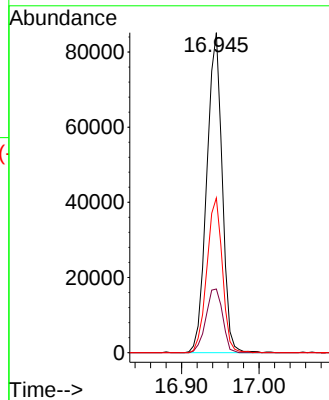
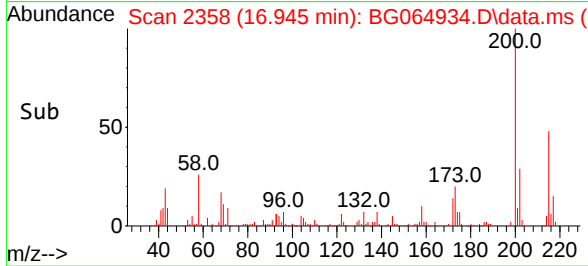
Instrument :
 BNA_G
 ClientSampleId :
 PB170904BS



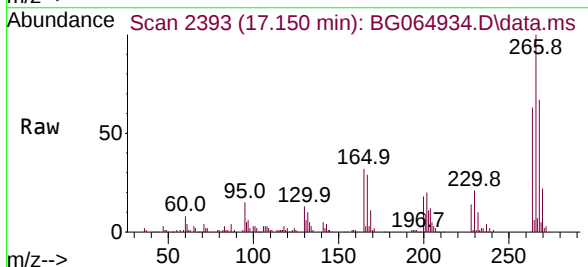
Tgt Ion:200 Resp: 117152
 Ion Ratio Lower Upper
 200 100
 173 19.9 0.9 40.9
 215 48.3 27.5 67.5

Manual Integrations
 APPROVED

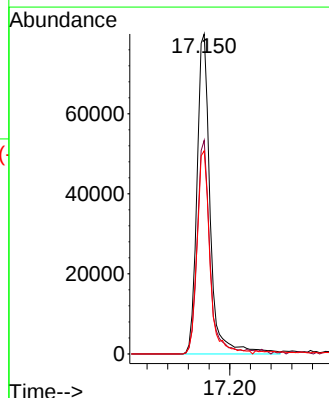
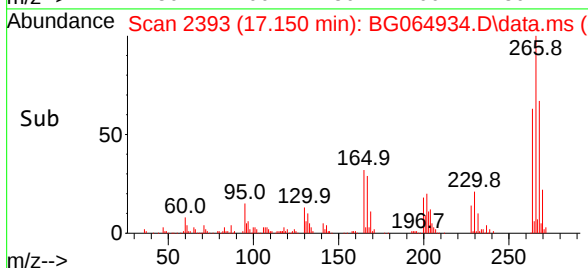
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025

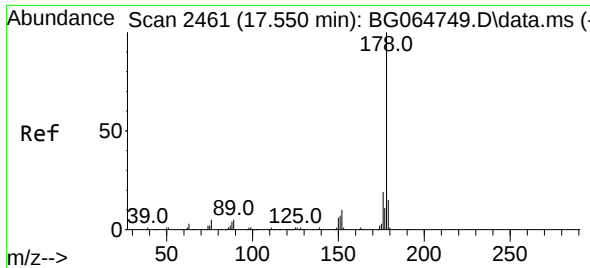


#70
 Pentachlorophenol
 Concen: 77.850 ng
 RT: 17.150 min Scan# 2393
 Delta R.T. -0.007 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52



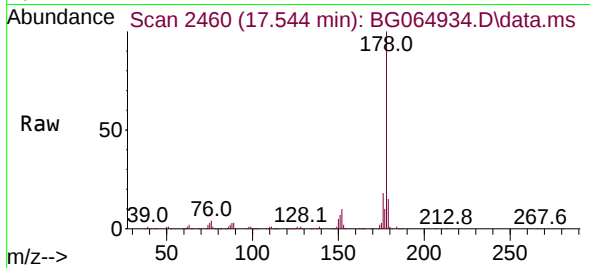
Tgt Ion:266 Resp: 141717
 Ion Ratio Lower Upper
 266 100
 268 66.7 56.1 84.1
 264 63.5 51.2 76.8





#71
Phenanthrene
Concen: 42.859 ng
RT: 17.544 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

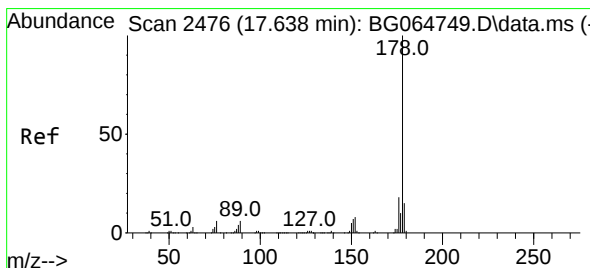
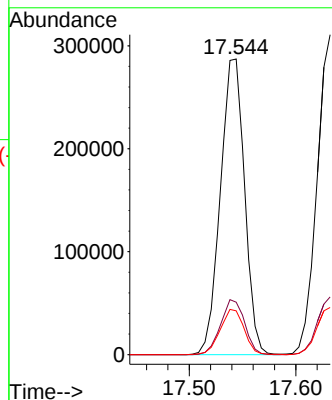
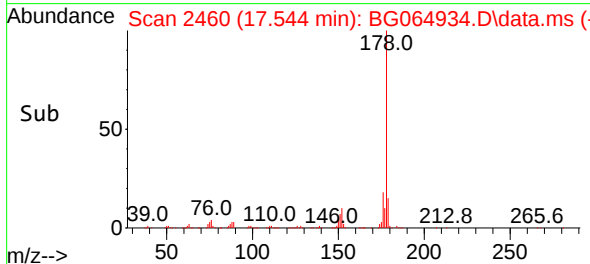
Instrument :
BNA_G
ClientSampleId :
PB170904BS



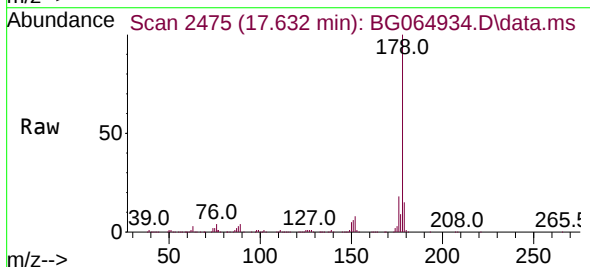
Tgt Ion:178 Resp: 454431
Ion Ratio Lower Upper
178 100
176 17.7 14.8 22.2
179 14.8 12.2 18.4

Manual Integrations
APPROVED

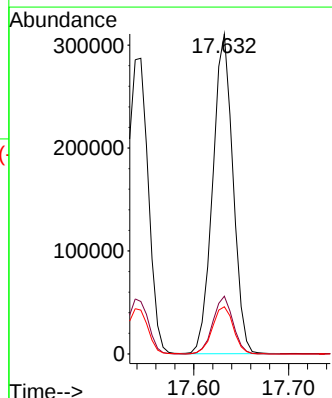
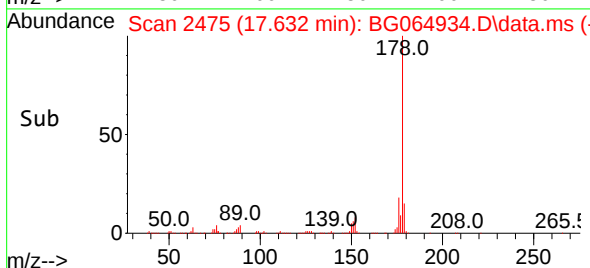
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

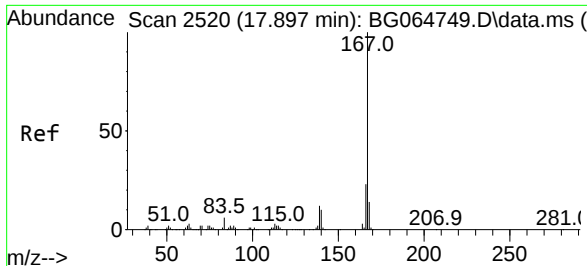


#72
Anthracene
Concen: 42.698 ng
RT: 17.632 min Scan# 2475
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



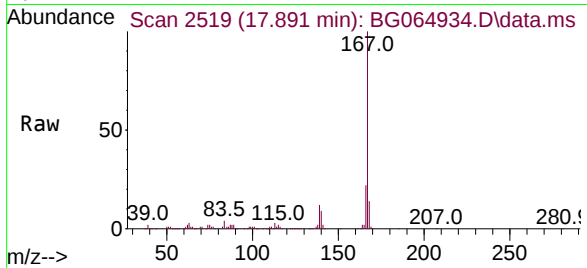
Tgt Ion:178 Resp: 461634
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 14.7 12.2 18.4





#73
 Carbazole
 Concen: 41.497 ng
 RT: 17.891 min Scan# 2519
 Delta R.T. -0.006 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52

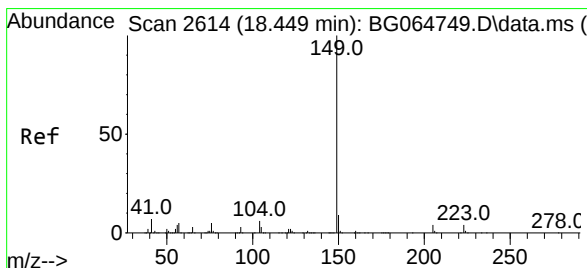
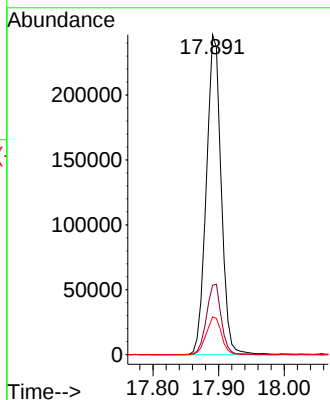
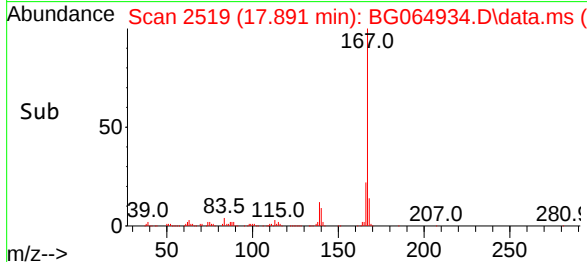
Instrument :
 BNA_G
 ClientSampleId :
 PB170904BS



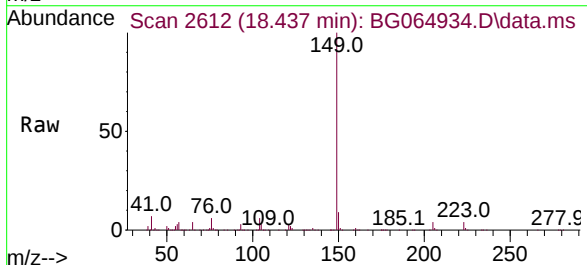
Tgt Ion:167 Resp: 385680
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 11.8 9.7 14.5

Manual Integrations
 APPROVED

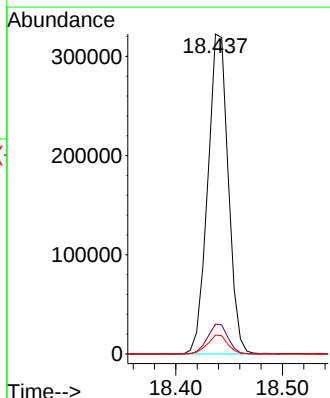
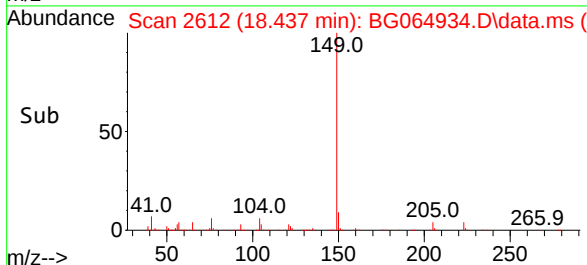
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025

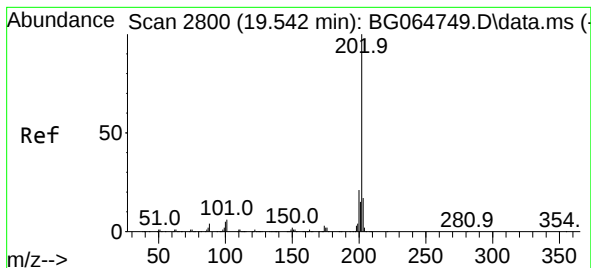


#74
 Di-n-butylphthalate
 Concen: 41.573 ng
 RT: 18.437 min Scan# 2612
 Delta R.T. -0.012 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52



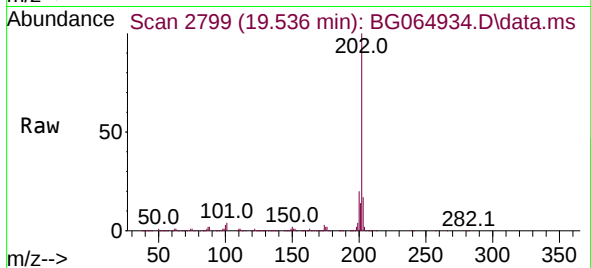
Tgt Ion:149 Resp: 431076
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.9 4.4 6.6





#75
Fluoranthene
Concen: 41.065 ng
RT: 19.536 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

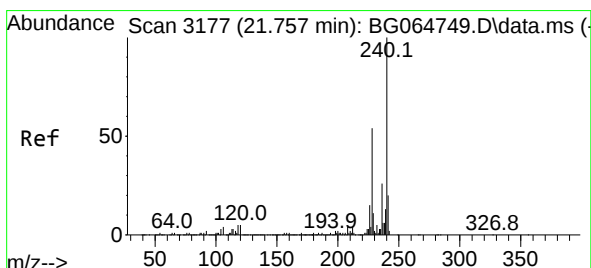
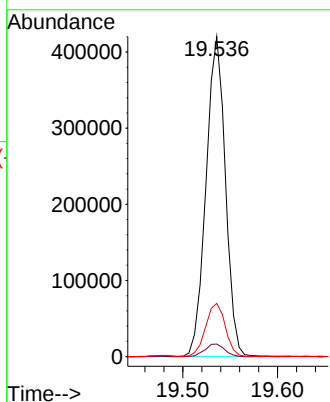
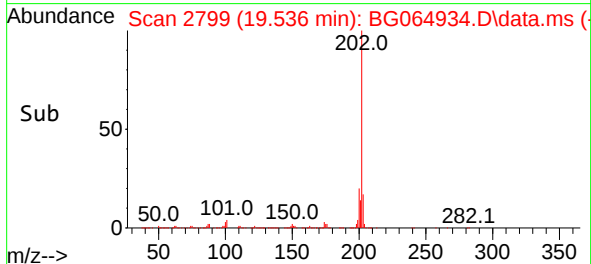
Instrument :
BNA_G
ClientSampleId :
PB170904BS



Tgt Ion:202 Resp: 595391
Ion Ratio Lower Upper
202 100
101 3.9 0.0 26.4
203 16.6 0.0 37.5

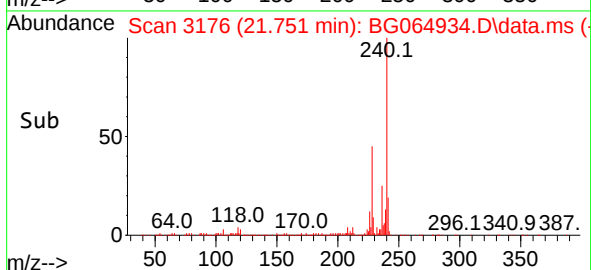
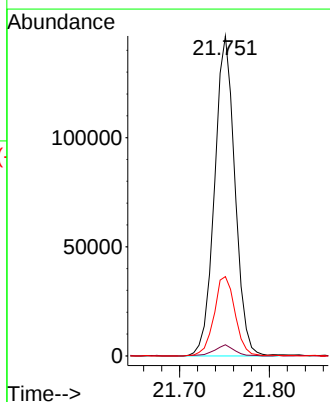
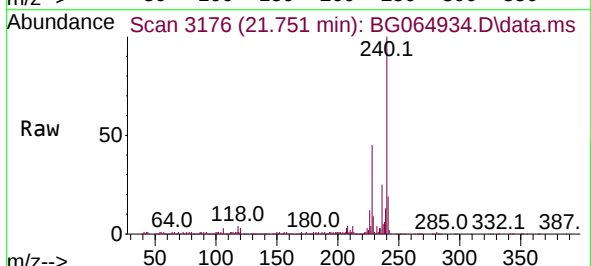
Manual Integrations
APPROVED

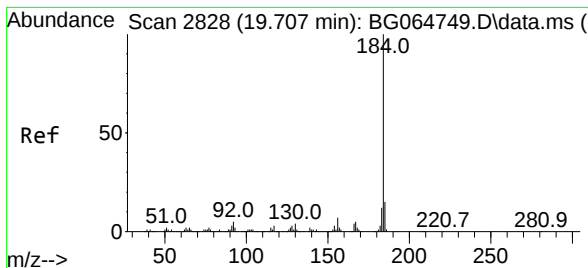
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Tgt Ion:240 Resp: 231468
Ion Ratio Lower Upper
240 100
120 3.5 4.2 6.4#
236 24.8 20.8 31.2





#77

Benzidine

Concen: 19.818 ng

RT: 19.700 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BG064934.D

Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS

Tgt Ion:184 Resp: 137383

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

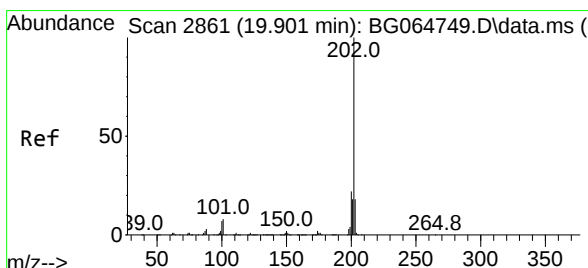
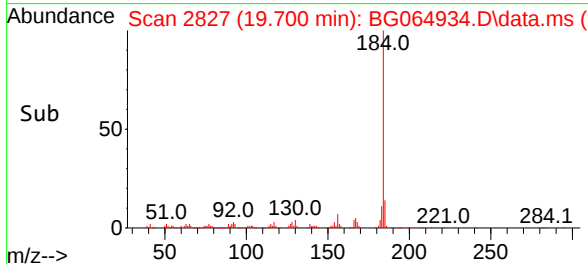
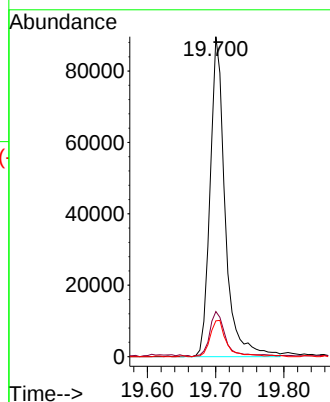
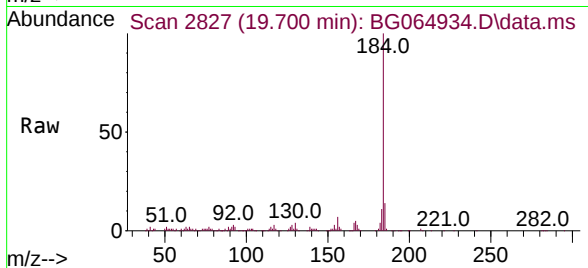
183 11.2 9.8 14.6

Manual Integrations

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Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Jagrut Upadhyay 12/12/2025



#78

Pyrene

Concen: 46.846 ng

RT: 19.894 min Scan# 2860

Delta R.T. -0.006 min

Lab File: BG064934.D

Acq: 11 Dec 2025 14:52

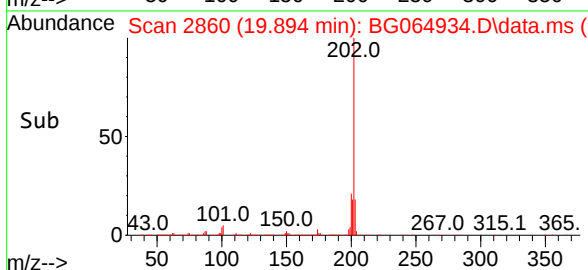
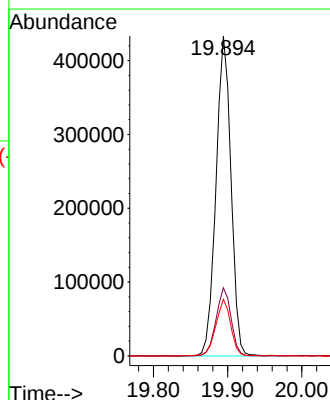
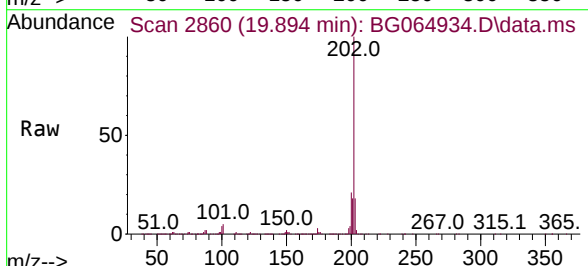
Tgt Ion:202 Resp: 607726

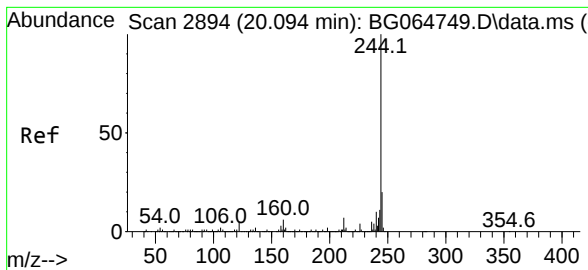
Ion Ratio Lower Upper

202 100

200 21.3 17.9 26.9

203 17.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 96.157 ng
 RT: 20.082 min Scan# 2894
 Delta R.T. -0.012 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

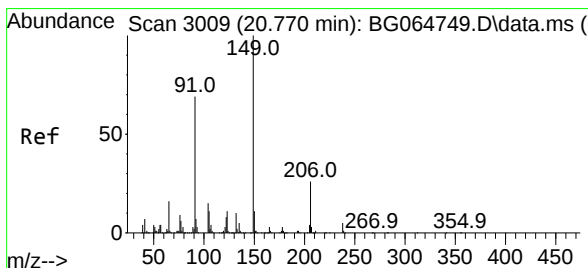
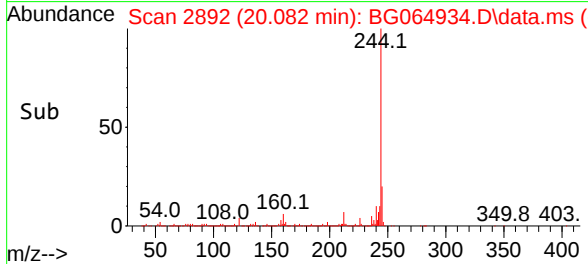
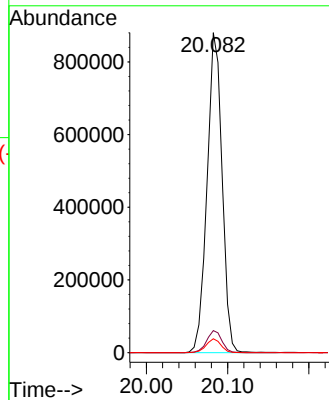
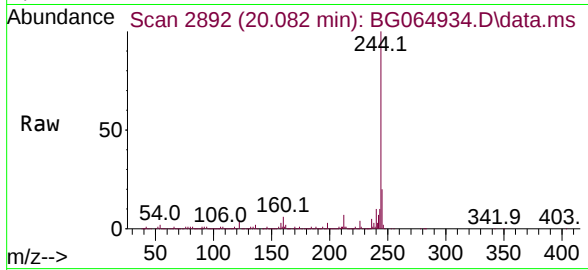
PB170904BS

Tgt Ion:244 Resp: 1131478
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 4.3 4.3 6.5

Manual Integrations

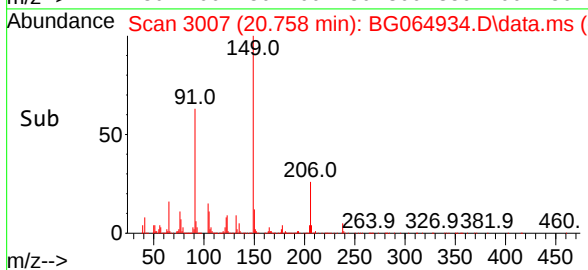
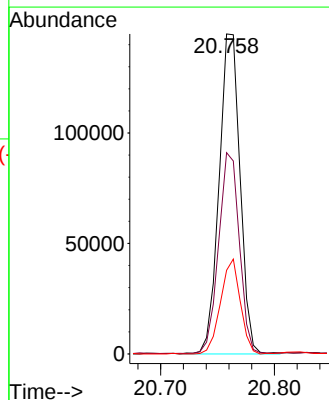
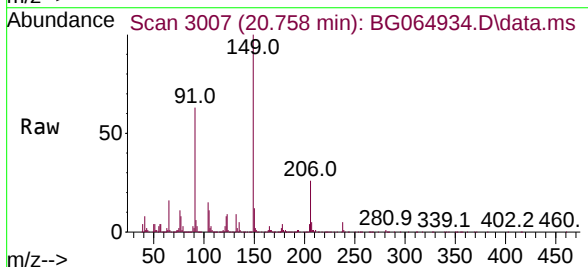
APPROVED

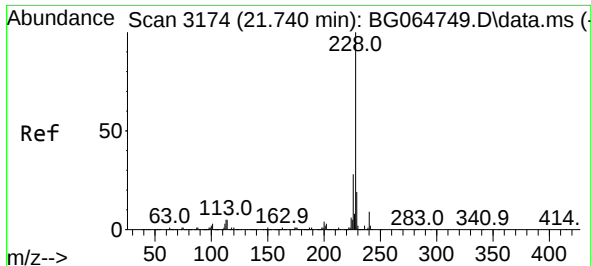
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025



#80
 Butylbenzylphthalate
 Concen: 40.709 ng
 RT: 20.758 min Scan# 3007
 Delta R.T. -0.012 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52

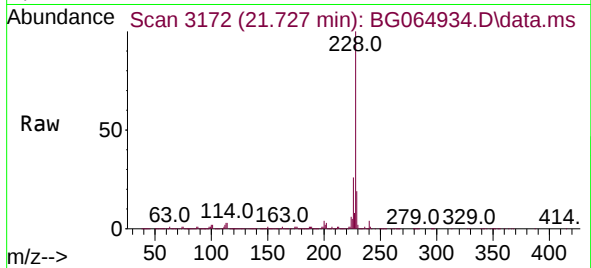
Tgt Ion:149 Resp: 185757
 Ion Ratio Lower Upper
 149 100
 91 62.9 54.9 82.3
 206 26.1 21.2 31.8





#81
Benzo(a)anthracene
Concen: 43.309 ng
RT: 21.727 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

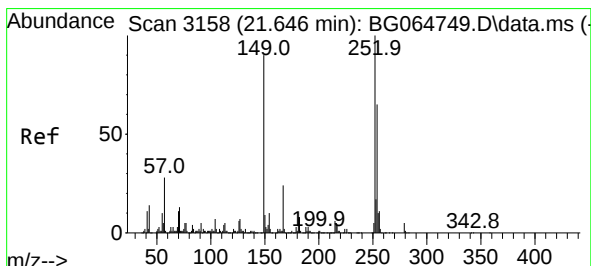
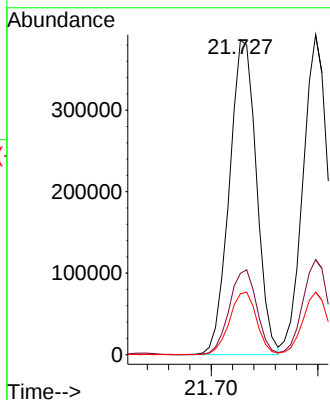
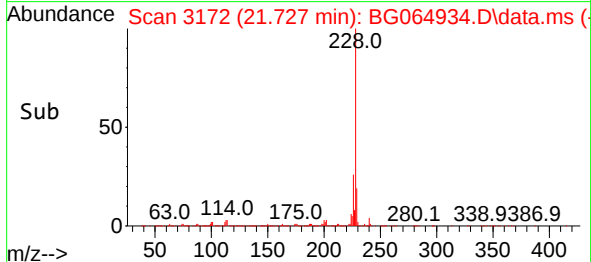
Instrument :
BNA_G
ClientSampleId :
PB170904BS



Tgt Ion:228 Resp: 681634
Ion Ratio Lower Upper
228 100
226 25.8 22.1 33.1
229 19.4 15.5 23.3

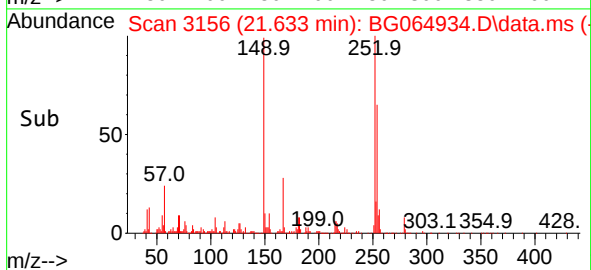
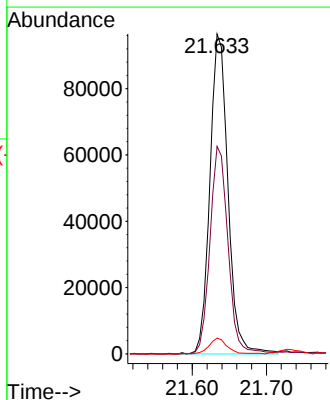
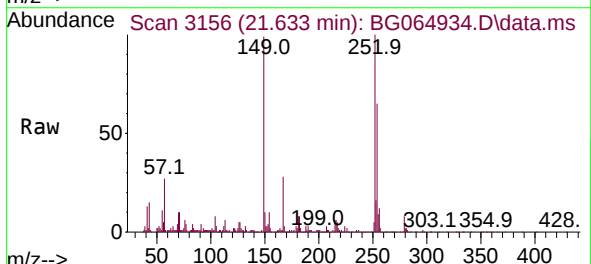
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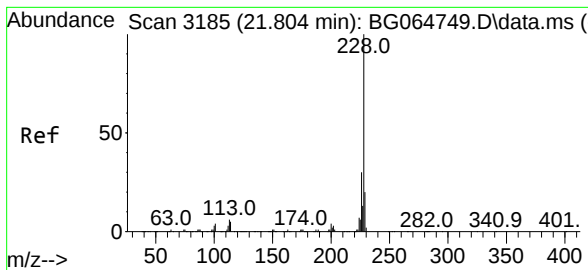
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 28.139 ng
RT: 21.633 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

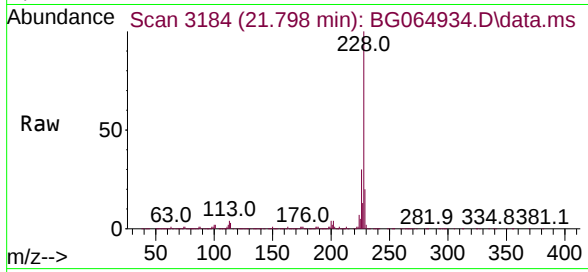
Tgt Ion:252 Resp: 163008
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.8
126 4.9 4.7 7.1





#83
Chrysene
Concen: 42.931 ng
RT: 21.798 min Scan# 3185
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

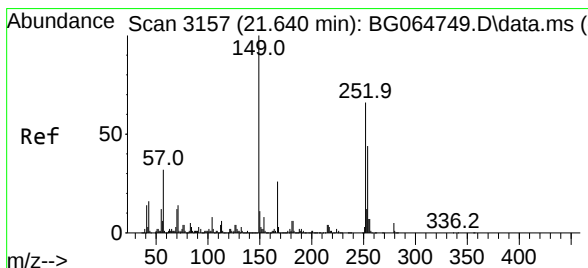
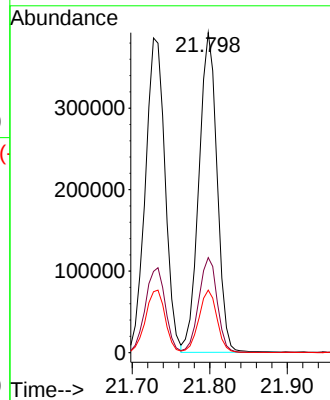
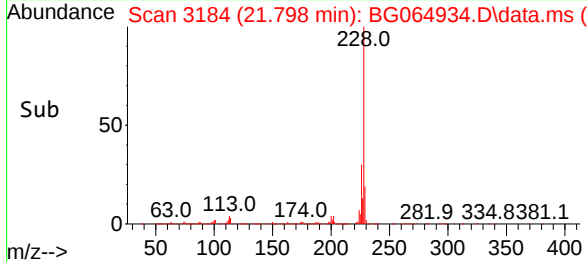
Instrument :
BNA_G
ClientSampleId :
PB170904BS



Tgt Ion:228 Resp: 637024
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 19.5 16.0 24.0

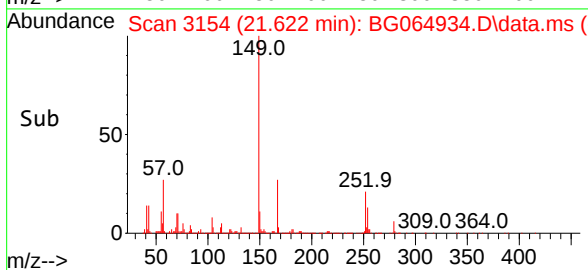
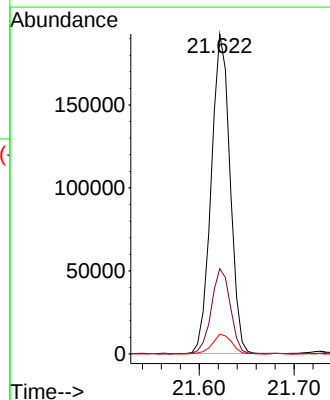
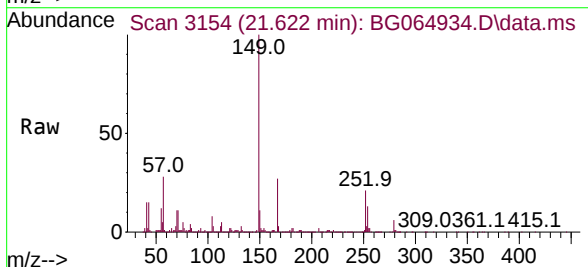
Manual Integrations
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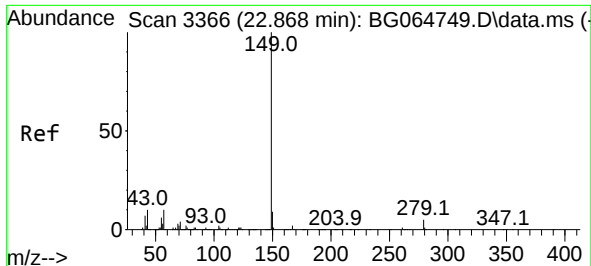
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.768 ng
RT: 21.622 min Scan# 3154
Delta R.T. -0.018 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

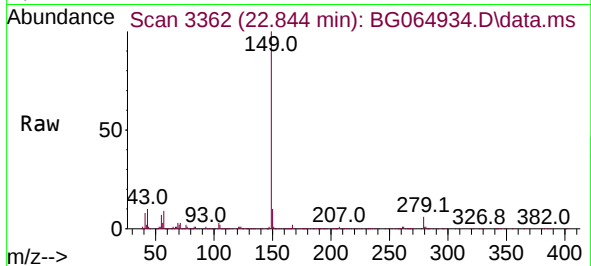
Tgt Ion:149 Resp: 265164
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.4
279 6.2 4.1 6.1#





#85
Di-n-octyl phthalate
Concen: 38.819 ng
RT: 22.844 min Scan# 3366
Delta R.T. -0.024 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

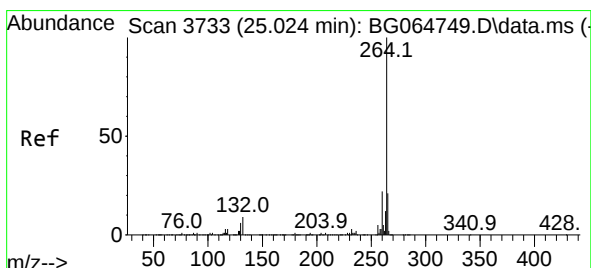
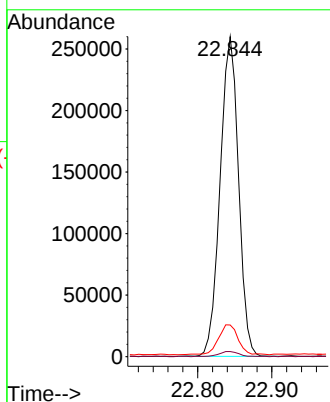
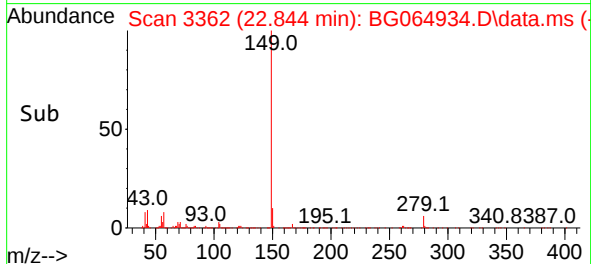
Instrument :
BNA_G
ClientSampleId :
PB170904BS



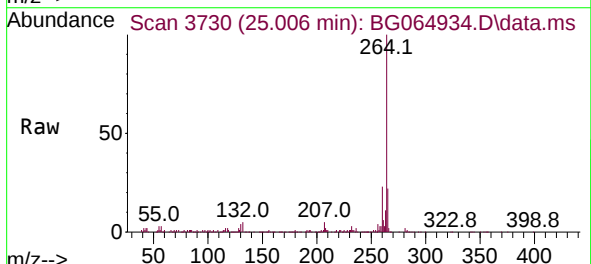
Tgt Ion:149 Resp: 447412
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 10.2 8.3 12.5

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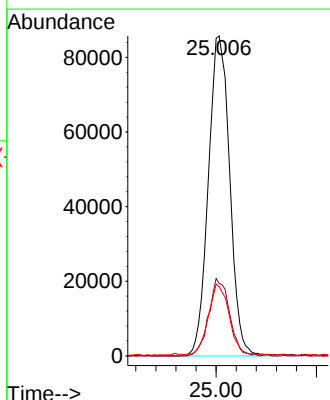
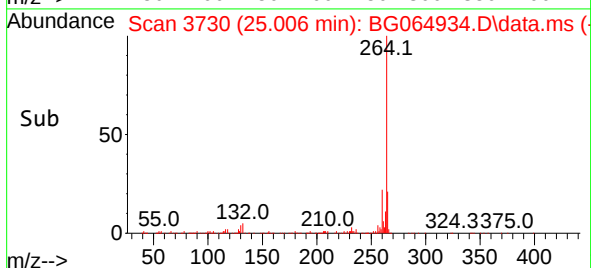
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

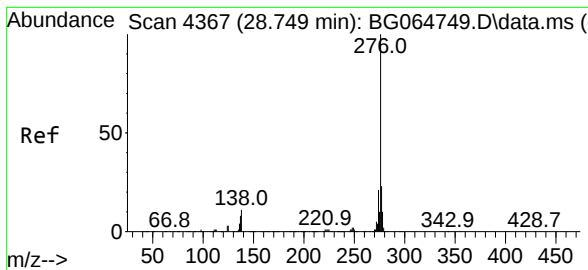


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3730
Delta R.T. -0.018 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



Tgt Ion:264 Resp: 254312
Ion Ratio Lower Upper
264 100
260 22.6 17.2 25.8
265 21.7 16.6 25.0





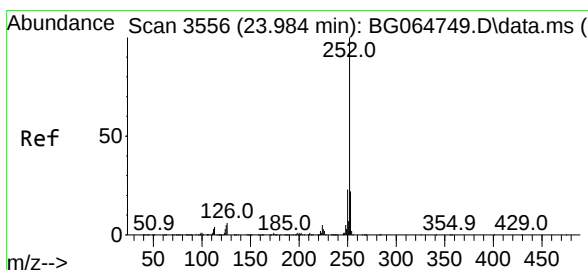
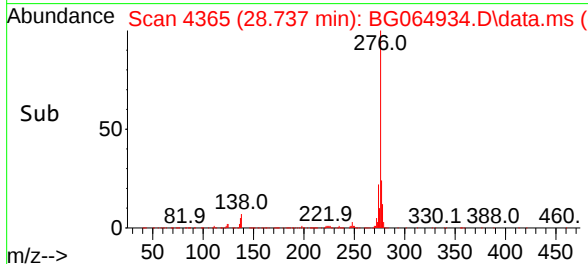
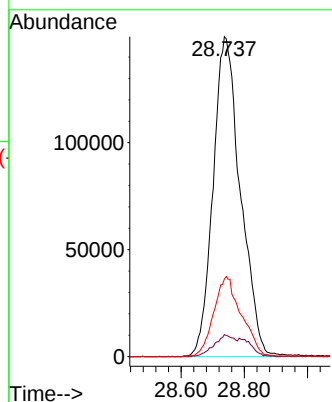
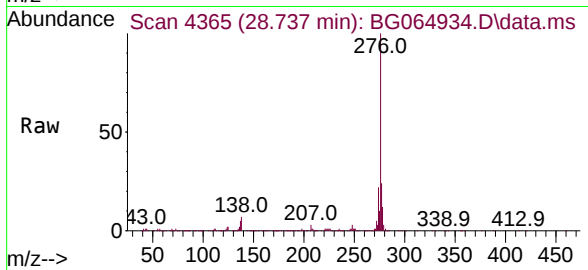
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.415 ng
 RT: 28.737 min Scan# 4365
 Delta R.T. -0.012 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52

Instrument :
 BNA_G
 ClientSampleId :
 PB170904BS

Tgt Ion:276 Resp: 898335
 Ion Ratio Lower Upper
 276 100
 138 5.2 4.5 6.7
 277 25.3 20.0 30.0

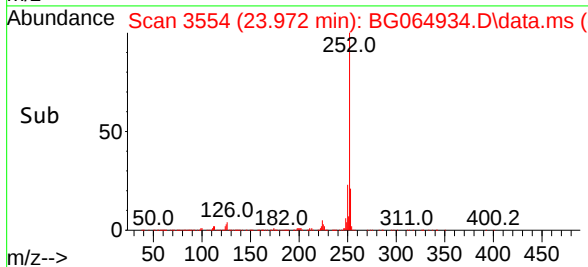
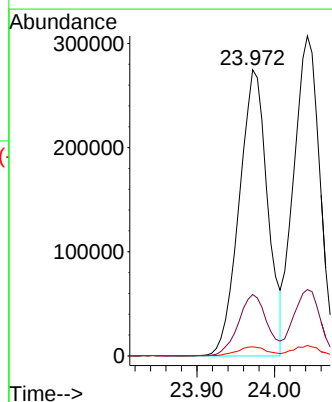
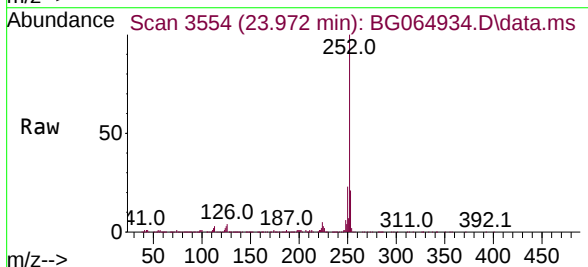
Manual Integrations
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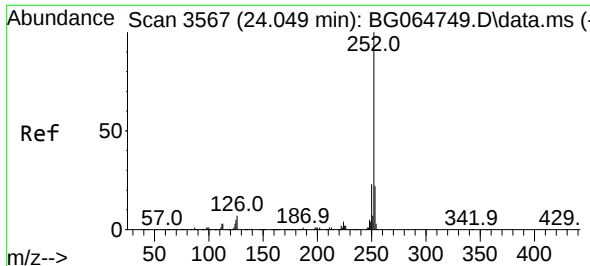
Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Jagrut Upadhyay 12/12/2025



#88
 Benzo(b)fluoranthene
 Concen: 43.245 ng
 RT: 23.972 min Scan# 3554
 Delta R.T. -0.012 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52

Tgt Ion:252 Resp: 699885
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.4 26.2
 125 3.1 4.2 6.2#





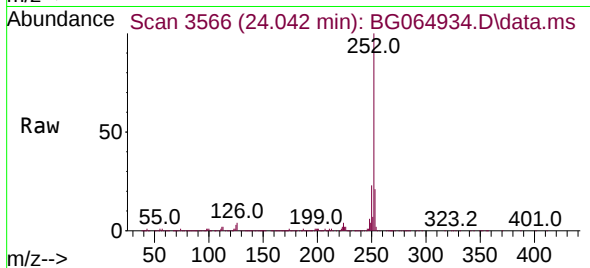
#89
Benzo(k)fluoranthene
Concen: 43.855 ng
RT: 24.042 min Scan# 3567
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52

Instrument :

BNA_G

ClientSampleId :

PB170904BS

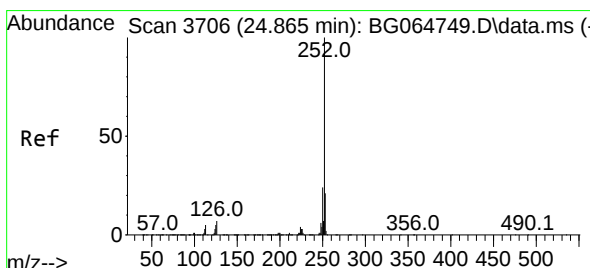
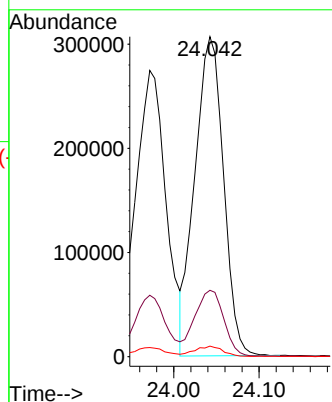
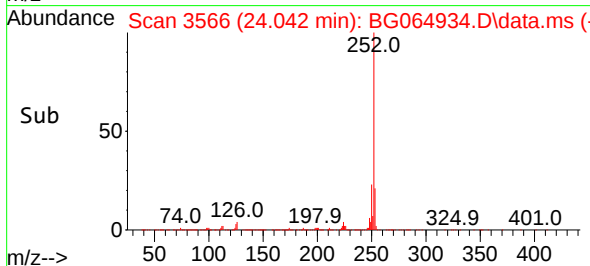


Tgt Ion:252 Resp: 713058
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.8
125 3.3 4.1 6.1

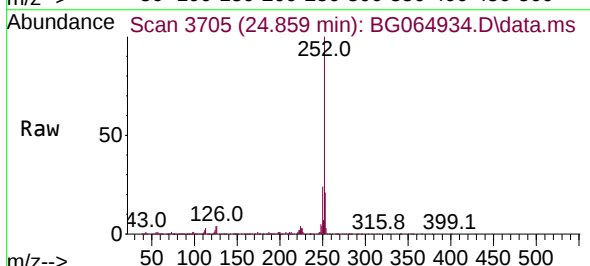
Manual Integrations

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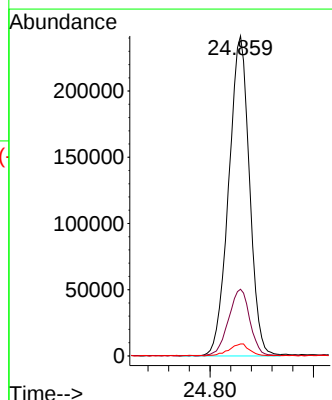
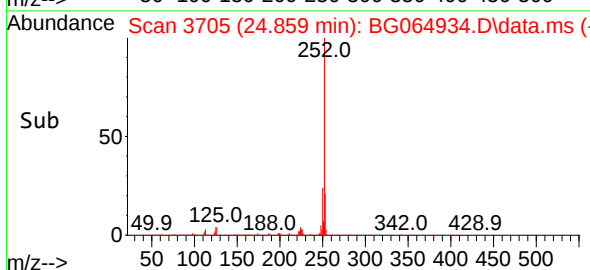
Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

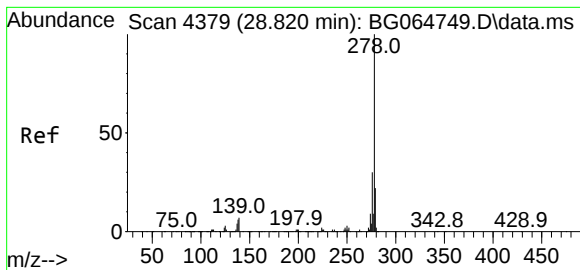


#90
Benzo(a)pyrene
Concen: 44.895 ng
RT: 24.859 min Scan# 3705
Delta R.T. -0.006 min
Lab File: BG064934.D
Acq: 11 Dec 2025 14:52



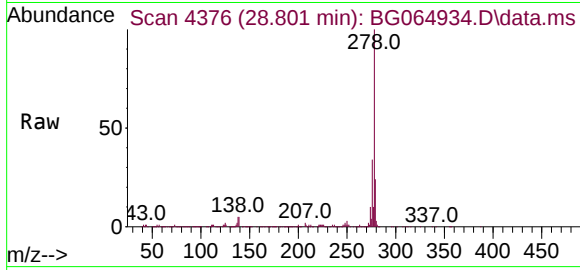
Tgt Ion:252 Resp: 673995
Ion Ratio Lower Upper
252 100
253 20.8 16.9 25.3
125 3.7 4.2 6.4





#91
 Dibenzo(a,h)anthracene
 Concen: 52.554 ng
 RT: 28.801 min Scan# 4379
 Delta R.T. -0.018 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52

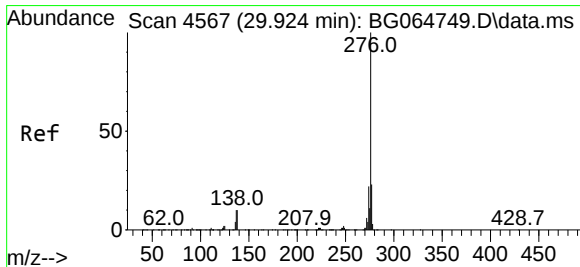
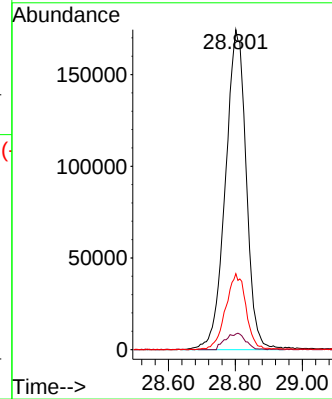
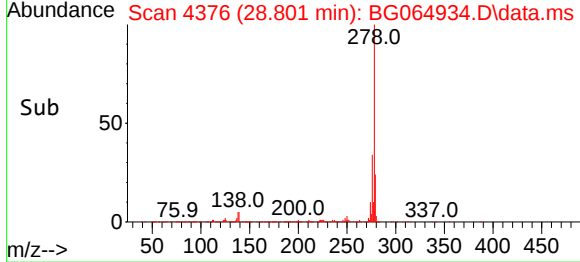
Instrument :
 BNA_G
 ClientSampleId :
 PB170904BS



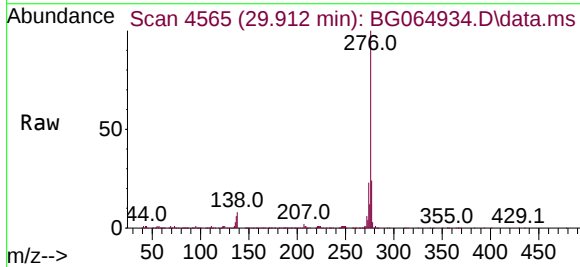
Tgt Ion:278 Resp: 752235
 Ion Ratio Lower Upper
 278 100
 139 4.9 5.8 8.8#
 279 23.7 17.3 25.9

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: 51.886 ng
 RT: 29.912 min Scan# 4565
 Delta R.T. -0.012 min
 Lab File: BG064934.D
 Acq: 11 Dec 2025 14:52



Tgt Ion:276 Resp: 714746
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.0 27.0
 138 7.9 8.2 12.2#

