

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
 Data File : BG064324.D
 Acq On : 9 Sep 2025 15:01
 Operator : RC/JU
 Sample : PB169606BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169606BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:39:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	21715	20.000	ng	0.00
21) Naphthalene-d8	10.635	136	92310	20.000	ng	-0.01
39) Acenaphthene-d10	14.478	164	70896	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	172336	20.000	ng	# 0.00
76) Chrysene-d12	21.452	240	183262	20.000	ng	# 0.00
86) Perylene-d12	24.454	264	199449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	152354	125.875	ng	0.00
7) Phenol-d6	7.022	99	204957	123.258	ng	0.00
23) Nitrobenzene-d5	9.002	82	145921	88.160	ng	-0.01
42) 2,4,6-Tribromophenol	15.964	330	150566	160.339	ng	0.00
45) 2-Fluorobiphenyl	13.103	172	392696	84.545	ng	0.00
79) Terphenyl-d14	19.836	244	800893	91.178	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	15844	31.406	ng	95
3) Pyridine	3.737	79	44889	30.228	ng	# 56
4) n-Nitrosodimethylamine	3.655	42	41463	42.212	ng	99
6) Aniline	7.174	93	73606	32.010	ng	93
8) 2-Chlorophenol	7.415	128	65420	44.232	ng	98
9) Benzaldehyde	6.992	77	26422	19.308	ng	94
10) Phenol	7.051	94	77766	42.419	ng	81
11) bis(2-Chloroethyl)ether	7.274	93	49454	35.898	ng	99
12) 1,3-Dichlorobenzene	7.744	146	70642	44.896	ng	99
13) 1,4-Dichlorobenzene	7.885	146	68950	43.419	ng	97
14) 1,2-Dichlorobenzene	8.203	146	69410	45.288	ng	99
15) Benzyl Alcohol	8.085	79	65445	42.649	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.379	45	93136	29.612	ng	96
17) 2-Methylphenol	8.291	107	57200	41.864	ng	91
18) Hexachloroethane	8.925	117	26031	41.994	ng	93
19) n-Nitroso-di-n-propyla...	8.649	70	49007	38.509	ng	93
20) 3+4-Methylphenols	8.620	107	77571	40.859	ng	95
22) Acetophenone	8.667	105	99236	42.493	ng	# 94
24) Nitrobenzene	9.043	77	76113	44.013	ng	99
25) Isophorone	9.566	82	138864	40.368	ng	98
26) 2-Nitrophenol	9.754	139	36530	48.886	ng	# 82
27) 2,4-Dimethylphenol	9.818	122	66599	50.764	ng	98
28) bis(2-Chloroethoxy)met...	10.053	93	74064	39.929	ng	98
29) 2,4-Dichlorophenol	10.288	162	67499	48.762	ng	98
30) 1,2,4-Trichlorobenzene	10.500	180	72441	49.633	ng	99
31) Naphthalene	10.688	128	203303	42.472	ng	97
32) Benzoic acid	9.977	122	49469	47.502	ng	95
33) 4-Chloroaniline	10.800	127	52057	28.059	ng	94
34) Hexachlorobutadiene	10.976	225	55916	51.828	ng	91
35) Caprolactam	11.569	113	23670m	44.161	ng	
36) 4-Chloro-3-methylphenol	11.922	107	86719	48.284	ng	93
37) 2-Methylnaphthalene	12.298	142	145613	40.925	ng	95
38) 1-Methylnaphthalene	12.515	142	151850	43.208	ng	96
40) 1,2,4,5-Tetrachloroben...	12.668	216	95497	46.685	ng	98
41) Hexachlorocyclopentadiene	12.650	237	136215	140.111	ng	91
43) 2,4,6-Trichlorophenol	12.909	196	64938	47.496	ng	98

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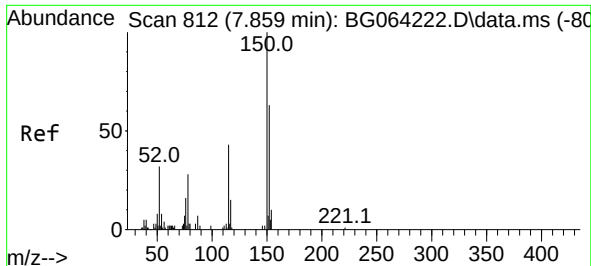
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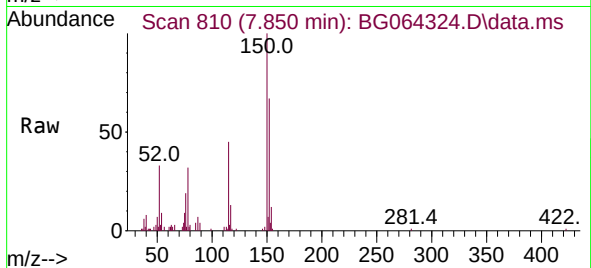
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	74499	50.231	ng	93
46) 1,1'-Biphenyl	13.308	154	226647	43.892	ng	98
47) 2-Chloronaphthalene	13.349	162	167232	43.079	ng	97
48) 2-Nitroaniline	13.549	65	64336	48.624	ng	96
49) Acenaphthylene	14.196	152	281061	48.978	ng	99
50) Dimethylphthalate	13.937	163	243091	45.300	ng	99
51) 2,6-Dinitrotoluene	14.055	165	51274	49.355	ng	92
52) Acenaphthene	14.542	154	170383	42.073	ng	97
53) 3-Nitroaniline	14.378	138	38993	35.832	ng	91
54) 2,4-Dinitrophenol	14.589	184	71944	104.159	ng	# 76
55) Dibenzofuran	14.877	168	289636	45.470	ng	100
56) 4-Nitrophenol	14.701	139	83311	93.329	ng	# 81
57) 2,4-Dinitrotoluene	14.842	165	80514	51.257	ng	# 92
58) Fluorene	15.523	166	244030	46.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.100	232	77515	54.340	ng	97
60) Diethylphthalate	15.300	149	266270	46.364	ng	100
61) 4-Chlorophenyl-phenyle...	15.518	204	128732	49.454	ng	98
62) 4-Nitroaniline	15.547	138	54530	49.108	ng	90
63) Azobenzene	15.811	77	222888	43.544	ng	96
65) 4,6-Dinitro-2-methylph...	15.606	198	54036	54.613	ng	90
66) n-Nitrosodiphenylamine	15.735	169	218287	46.044	ng	98
67) 4-Bromophenyl-phenylether	16.411	248	88711	48.465	ng	96
68) Hexachlorobenzene	16.528	284	99309	48.857	ng	94
69) Atrazine	16.687	200	95510	48.250	ng	98
70) Pentachlorophenol	16.875	266	132967	107.885	ng	89
71) Phenanthrene	17.263	178	414511	45.603	ng	98
72) Anthracene	17.351	178	430642	46.576	ng	99
73) Carbazole	17.621	167	381229	46.804	ng	98
74) Di-n-butylphthalate	18.185	149	446155	45.592	ng	98
75) Fluoranthene	19.272	202	500741	46.852	ng	96
77) Benzidine	19.454	184	158826	41.198	ng	99
78) Pyrene	19.630	202	517047	44.782	ng	99
80) Butylbenzylphthalate	20.529	149	201058	46.170	ng	95
81) Benzo(a)anthracene	21.434	228	540522	46.103	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	131753	34.505	ng	96
83) Chrysene	21.493	228	505742	44.932	ng	99
84) Bis(2-ethylhexyl)phtha...	21.358	149	293239	44.851	ng	99
85) Di-n-octyl phthalate	22.498	149	505428	44.367	ng	96
87) Indeno(1,2,3-cd)pyrene	27.850	276	650768	47.778	ng	# 97
88) Benzo(b)fluoranthene	23.508	252	521902m	46.364	ng	
89) Benzo(k)fluoranthene	23.573	252	550802	48.030	ng	# 97
90) Benzo(a)pyrene	24.325	252	514130	49.099	ng	# 97
91) Dibenzo(a,h)anthracene	27.909	278	534624	48.886	ng	98
92) Benzo(g,h,i)perylene	28.914	276	518675	48.741	ng	# 94

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.850 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: BG064324.D
 Acq: 9 Sep 2025 15:01

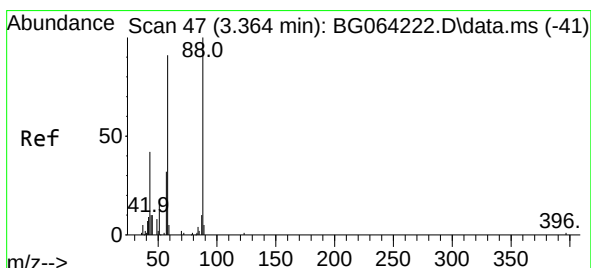
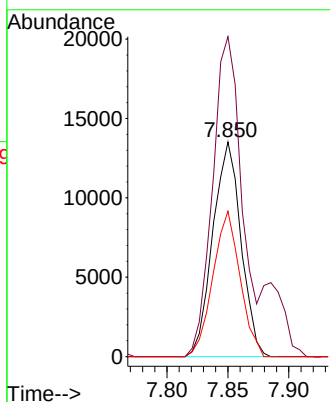
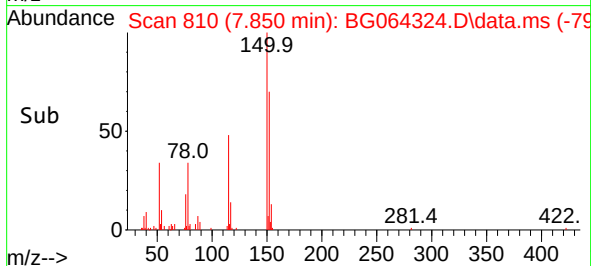
Instrument :
 BNA_G
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 PB169606BS



Tgt Ion: 152 Resp: 21715
 Ion Ratio Lower Upper
 152 100
 150 149.1 128.0 192.0
 115 67.7 55.7 83.5

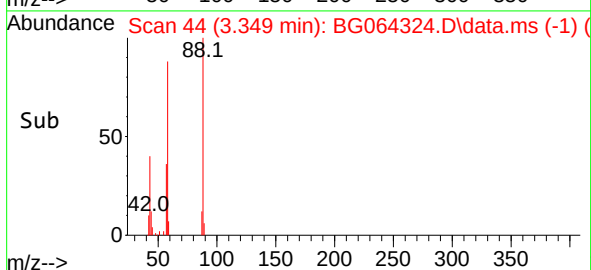
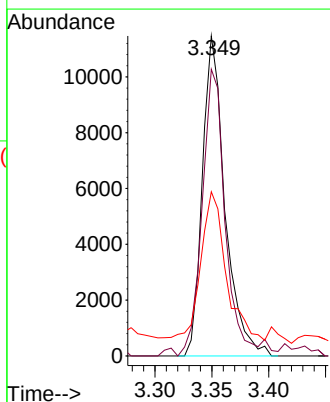
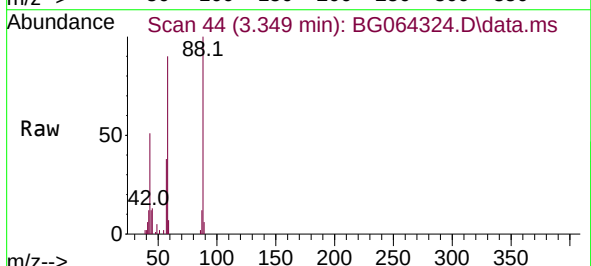
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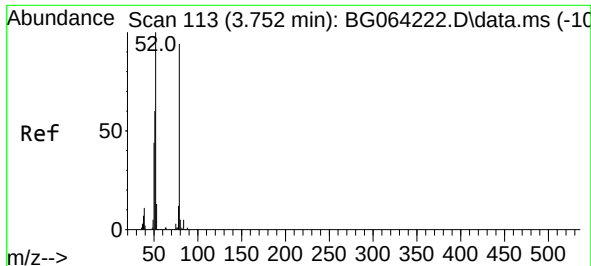
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#2
 1,4-Dioxane
 Concen: 31.406 ng
 RT: 3.349 min Scan# 44
 Delta R.T. -0.009 min
 Lab File: BG064324.D
 Acq: 9 Sep 2025 15:01

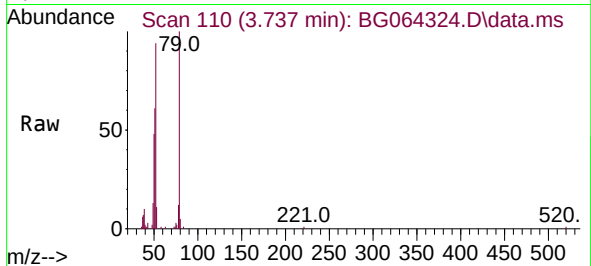
Tgt Ion: 88 Resp: 15844
 Ion Ratio Lower Upper
 88 100
 58 93.8 80.8 121.2
 43 51.5 40.3 60.5





#3
Pyridine
Concen: 30.228 ng
RT: 3.737 min Scan# 113
Delta R.T. -0.015 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

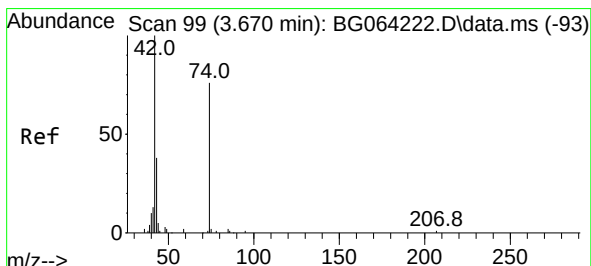
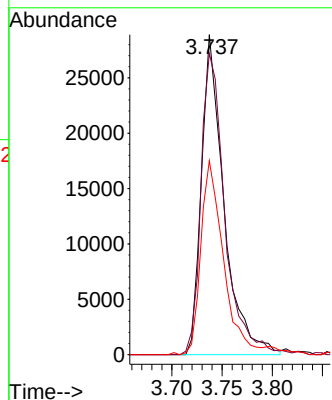
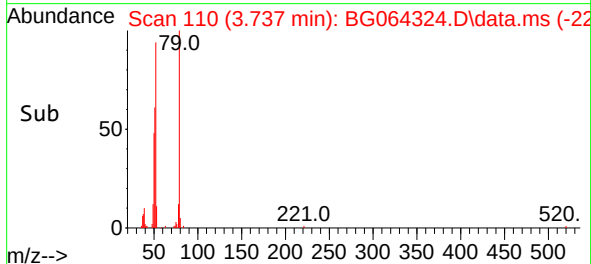
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion: 79 Resp: 44889
Ion Ratio Lower Upper
79 100
52 94.1 86.6 129.8
51 60.6 114.1 171.1

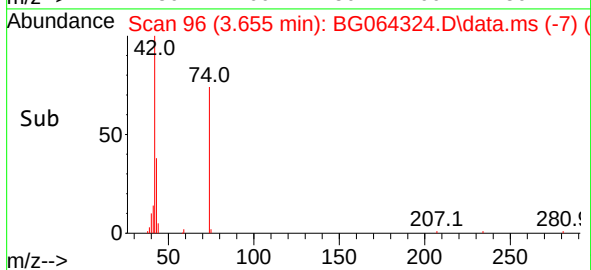
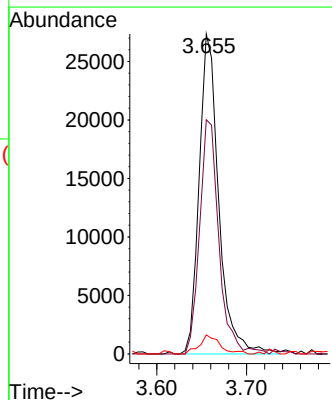
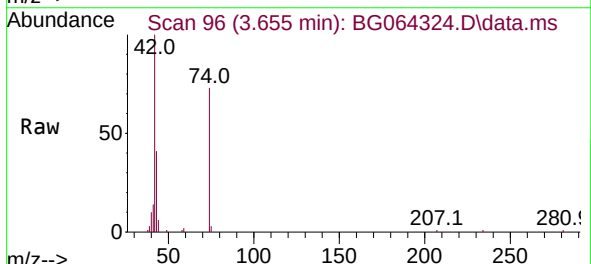
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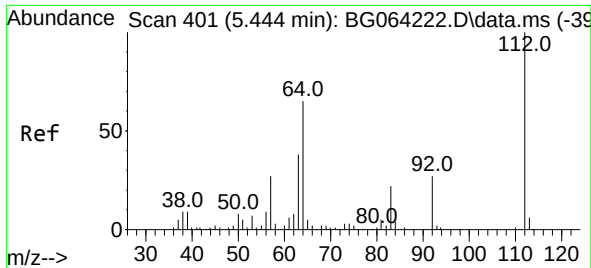
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#4
n-Nitrosodimethylamine
Concen: 42.212 ng
RT: 3.655 min Scan# 96
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion: 42 Resp: 41463
Ion Ratio Lower Upper
42 100
74 73.2 58.0 87.0
44 5.9 5.5 8.3





#5
2-Fluorophenol
Concen: 125.875 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

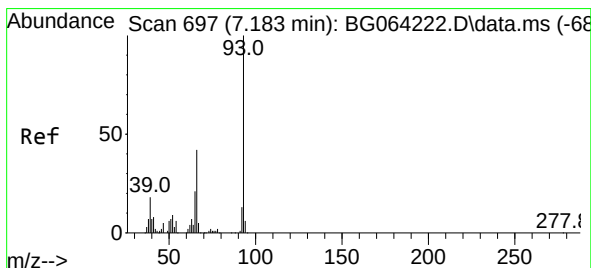
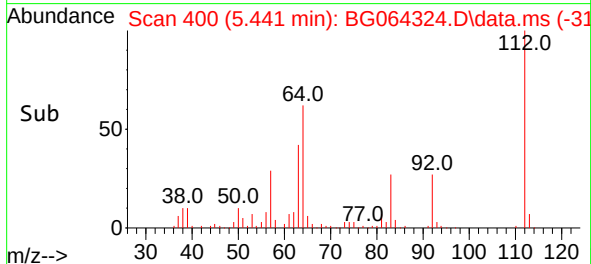
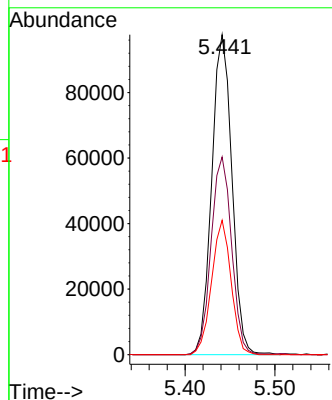
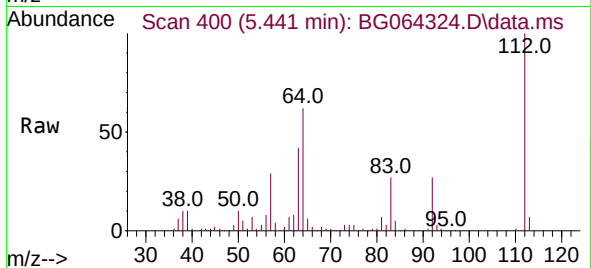
PB169606BS

Tgt Ion:112 Resp: 152354
Ion Ratio Lower Upper
112 100
64 61.8 51.8 77.6
63 42.0 30.6 45.8

Manual Integrations

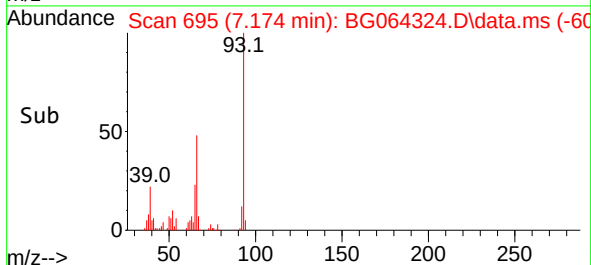
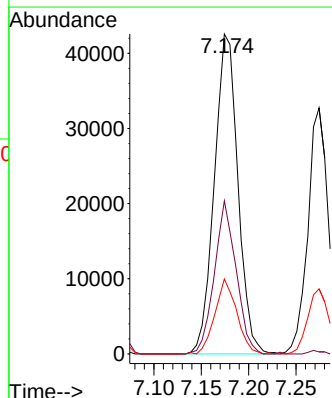
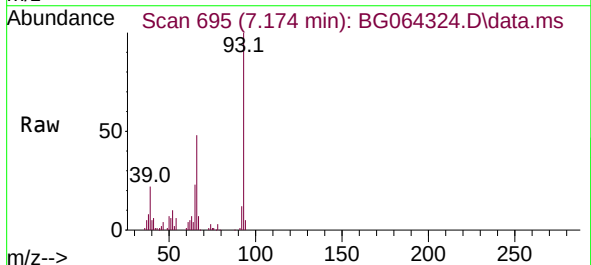
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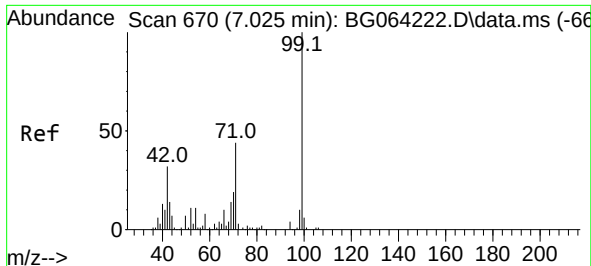
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#6
Aniline
Concen: 32.010 ng
RT: 7.174 min Scan# 695
Delta R.T. -0.015 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

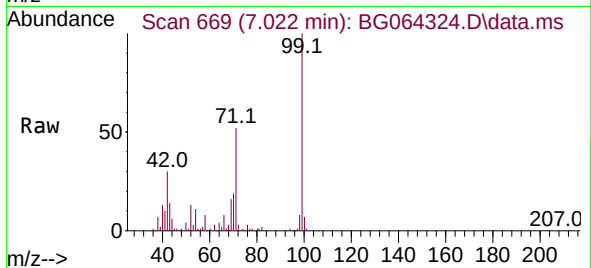
Tgt Ion: 93 Resp: 73606
Ion Ratio Lower Upper
93 100
66 47.8 33.8 50.8
65 23.4 16.9 25.3





#7
Phenol-d6
Concen: 123.258 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

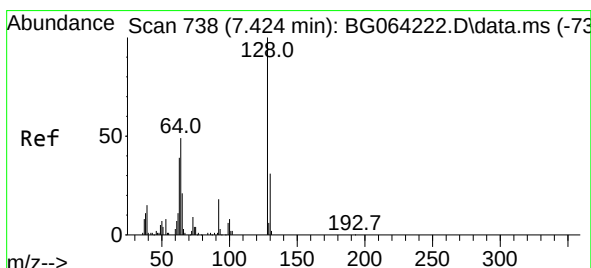
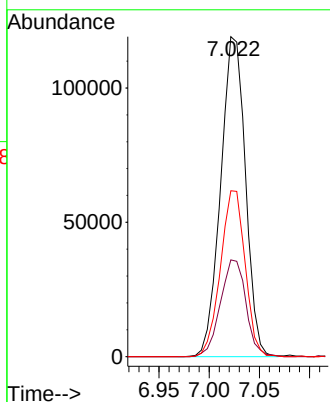
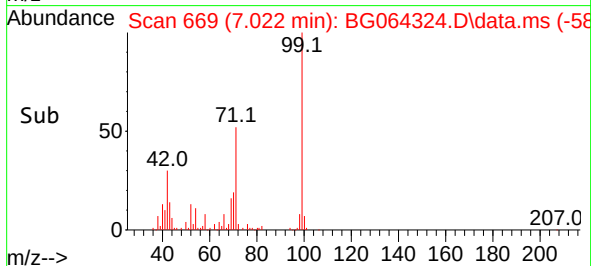
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 20495
Ion Ratio Lower Upper
99 100
42 30.2 25.8 38.8
71 51.8 35.2 52.8

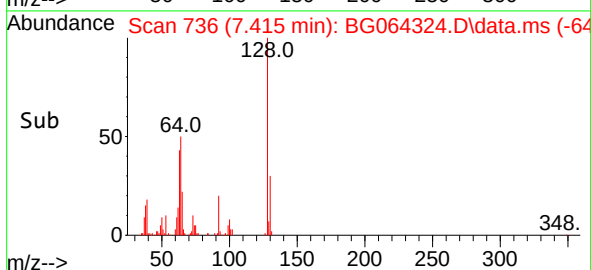
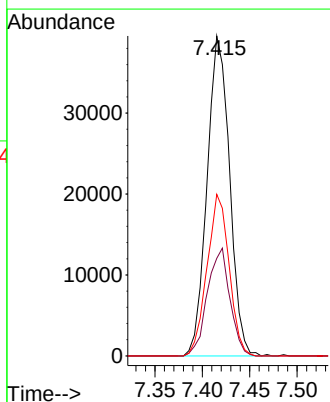
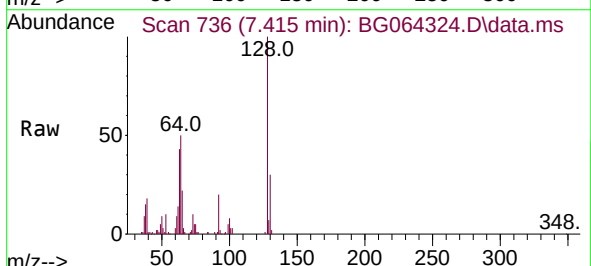
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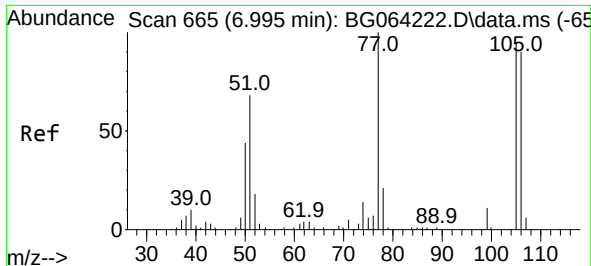
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#8
2-Chlorophenol
Concen: 44.232 ng
RT: 7.415 min Scan# 736
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:128 Resp: 65420
Ion Ratio Lower Upper
128 100
130 30.5 10.9 50.9
64 50.5 28.7 68.7





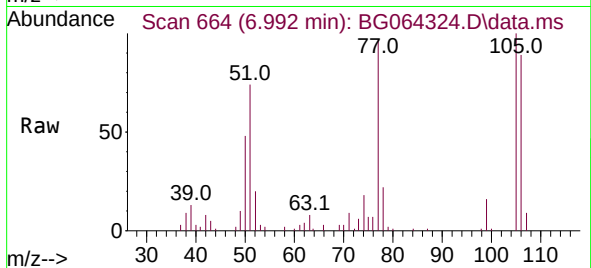
#9
Benzaldehyde
Concen: 19.308 ng
RT: 6.992 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

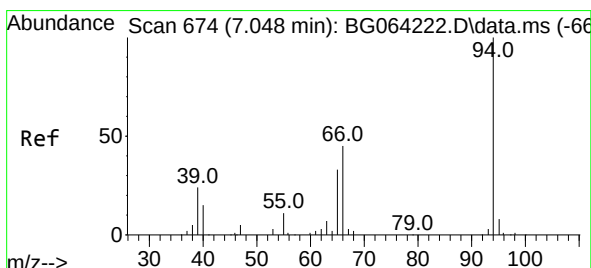
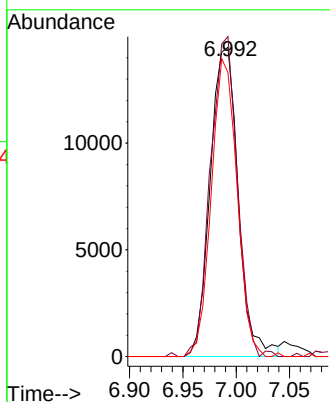
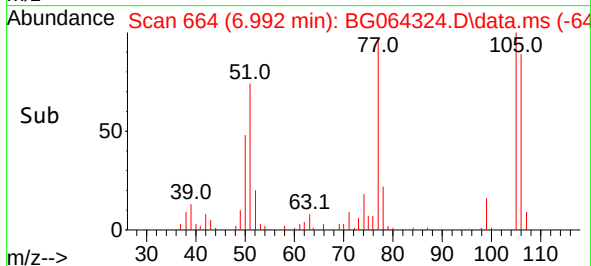


Tgt Ion: 77 Resp: 26422
Ion Ratio Lower Upper
77 100
105 103.5 75.2 115.2
106 91.8 69.6 109.6

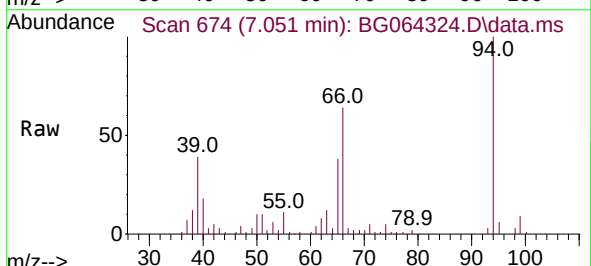
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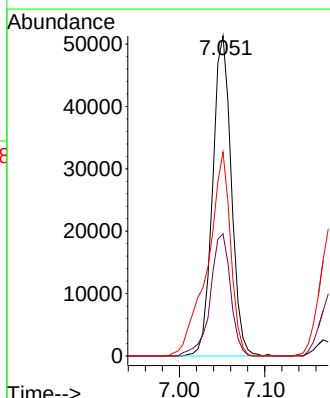
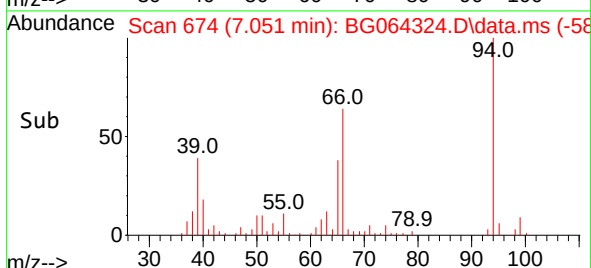
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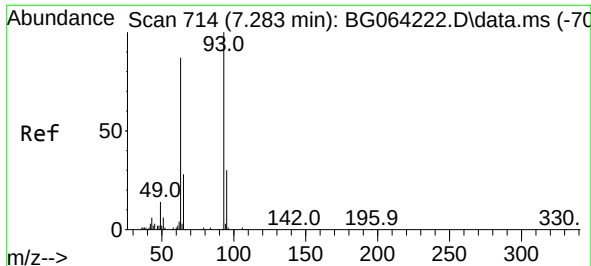


#10
Phenol
Concen: 42.419 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



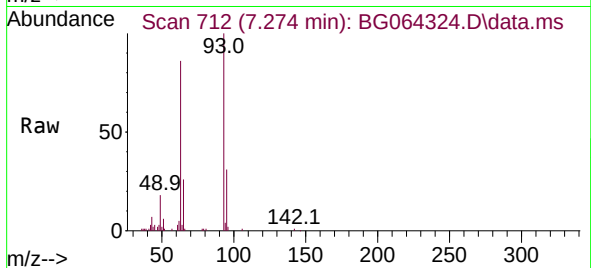
Tgt Ion: 94 Resp: 77766
Ion Ratio Lower Upper
94 100
65 38.1 13.5 53.5
66 63.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 35.898 ng
RT: 7.274 min Scan# 714
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

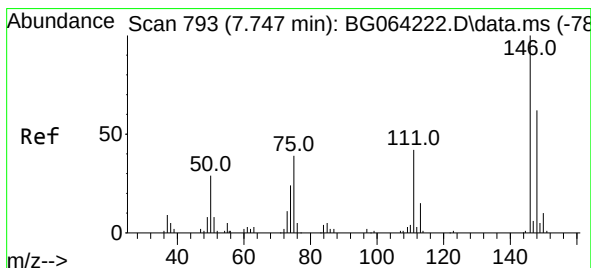
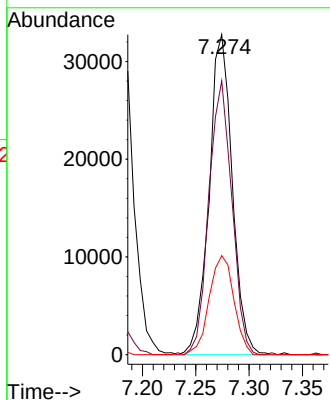
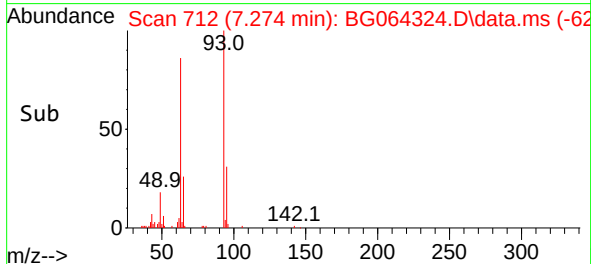
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion: 93 Resp: 49454
Ion Ratio Lower Upper
93 100
63 85.6 66.2 106.2
95 30.9 9.8 49.8

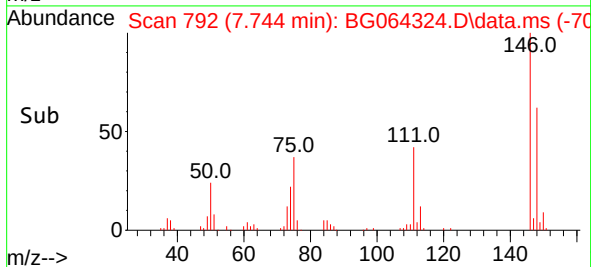
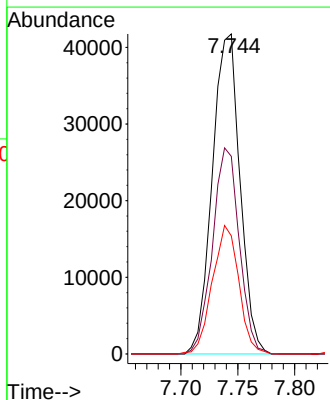
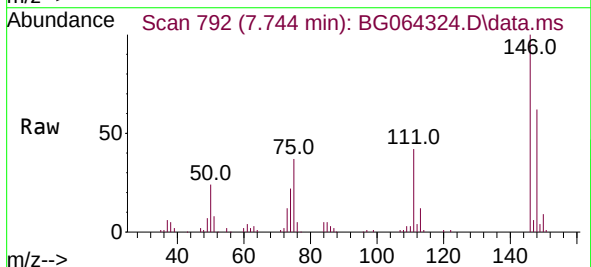
Manual Integrations
APPROVED

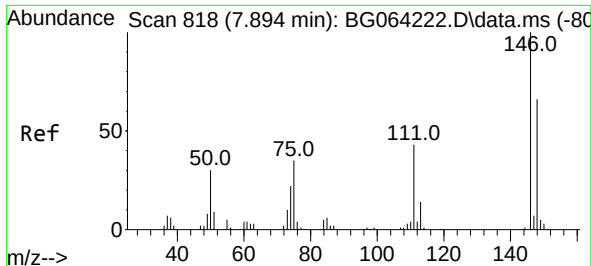
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 44.896 ng
RT: 7.744 min Scan# 792
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:146 Resp: 70642
Ion Ratio Lower Upper
146 100
148 61.8 49.6 74.4
75 36.9 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 43.419 ng

RT: 7.885 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

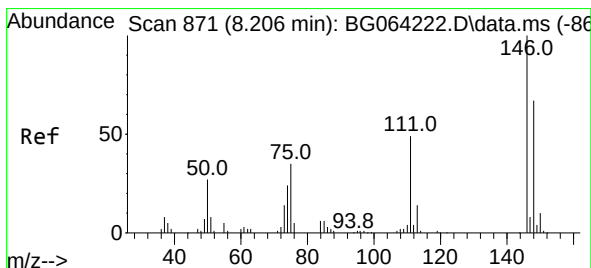
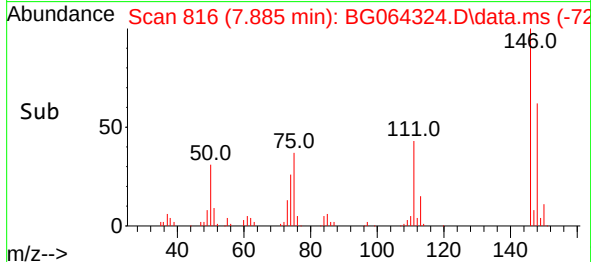
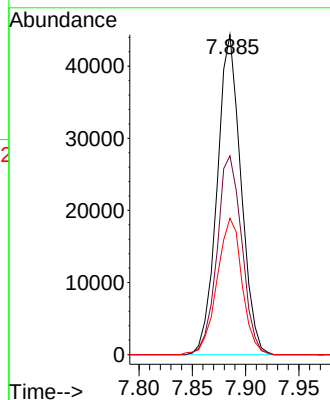
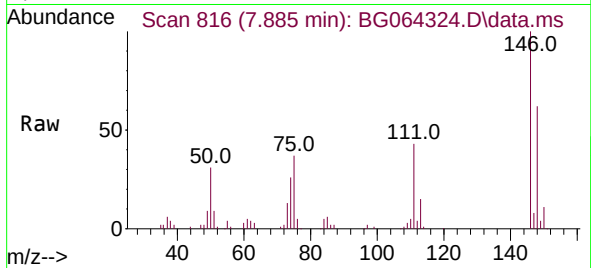
Tgt Ion:146 Resp: 68950
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.8 79.2
 111 42.6 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#14

1,2-Dichlorobenzene

Concen: 45.288 ng

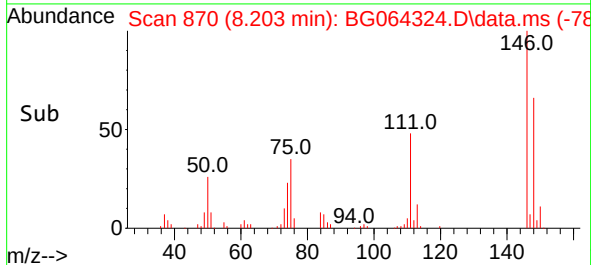
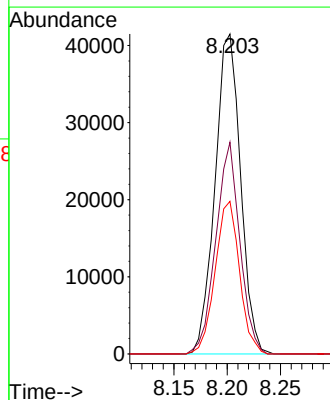
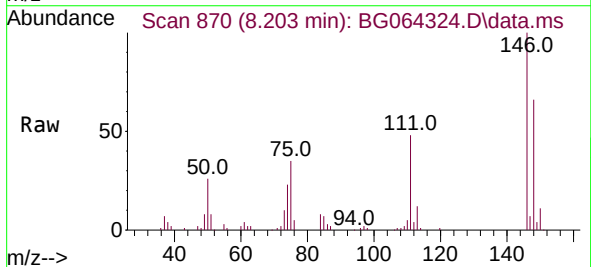
RT: 8.203 min Scan# 870

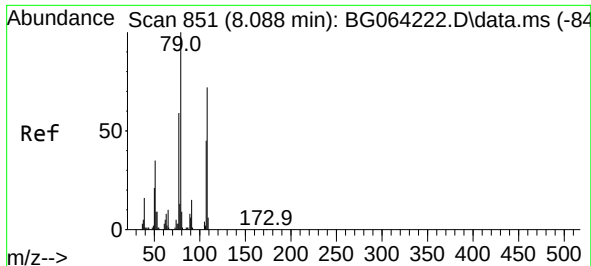
Delta R.T. -0.009 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

Tgt Ion:146 Resp: 69410
 Ion Ratio Lower Upper
 146 100
 148 66.1 53.4 80.0
 111 47.7 39.1 58.7





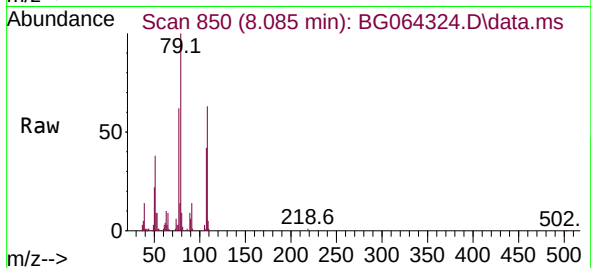
#15
Benzyl Alcohol
Concen: 42.649 ng
RT: 8.085 min Scan# 851
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

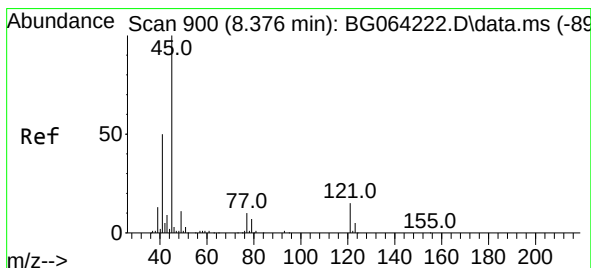
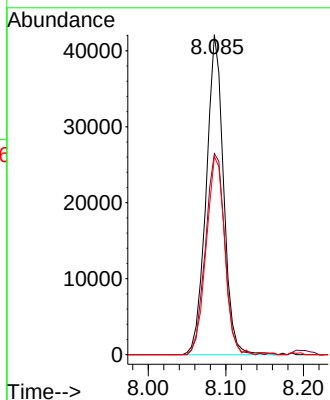
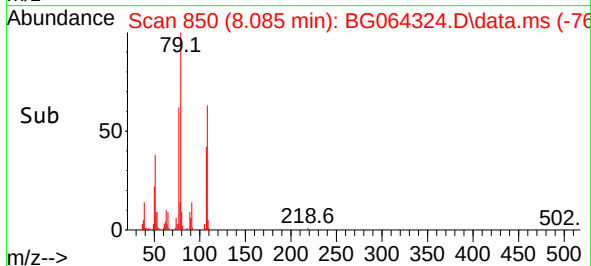
PB169606BS



Tgt Ion: 79 Resp: 65445
Ion Ratio Lower Upper
79 100
108 62.8 57.4 86.0
77 61.8 47.2 70.8

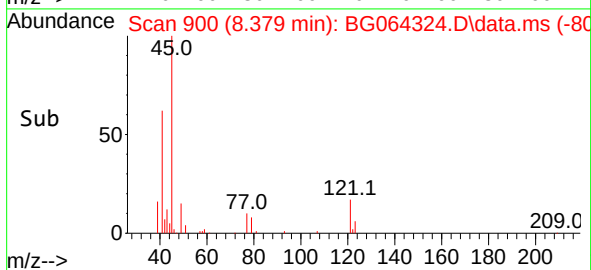
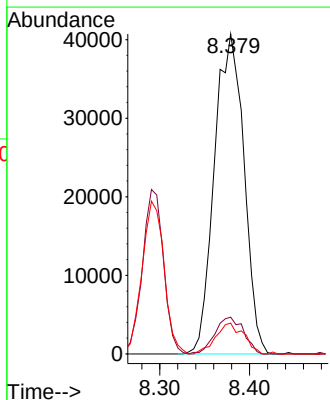
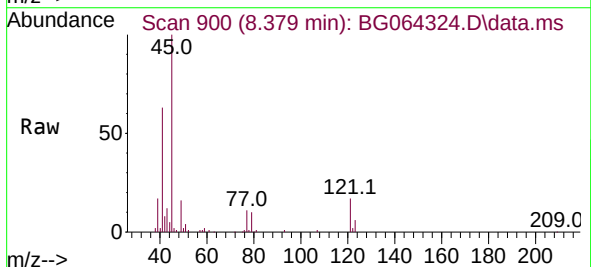
Manual Integrations
APPROVED

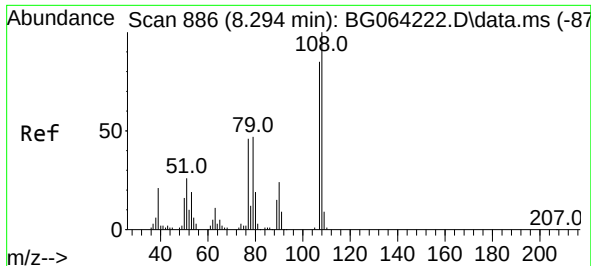
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.612 ng
RT: 8.379 min Scan# 900
Delta R.T. 0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

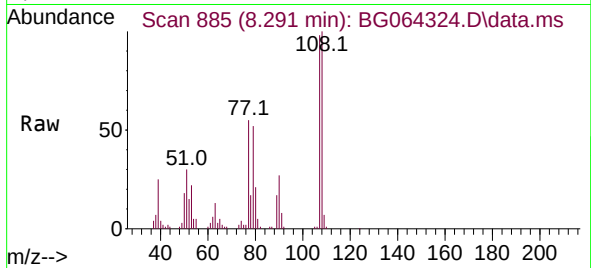
Tgt Ion: 45 Resp: 93136
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.0
79 9.6 0.0 27.9





#17
2-Methylphenol
Concen: 41.864 ng
RT: 8.291 min Scan# 885
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

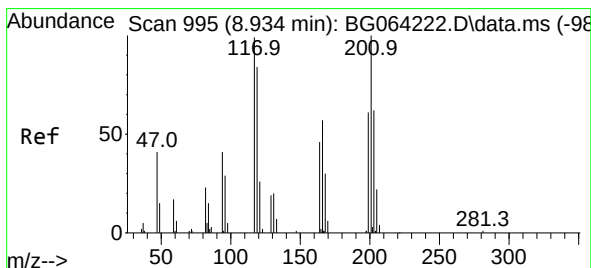
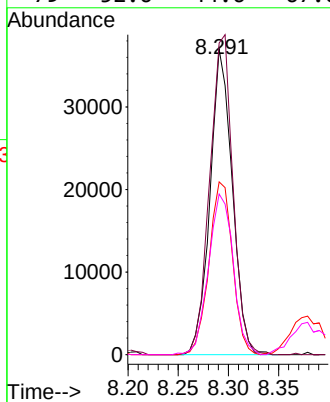
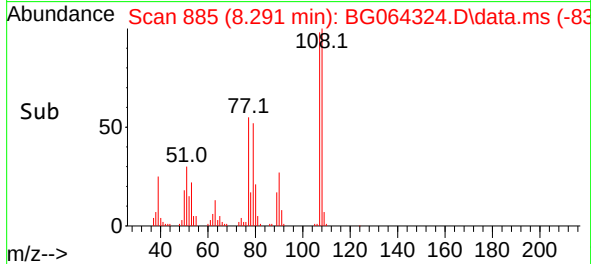
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion:	107	Resp:	57200
Ion	Ratio	Lower	Upper
107	100		
108	102.1	94.6	141.8
77	56.6	43.7	65.5
79	52.6	44.6	67.0

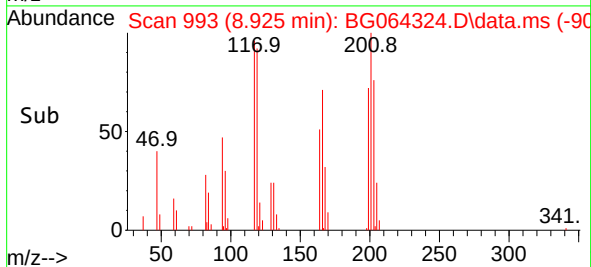
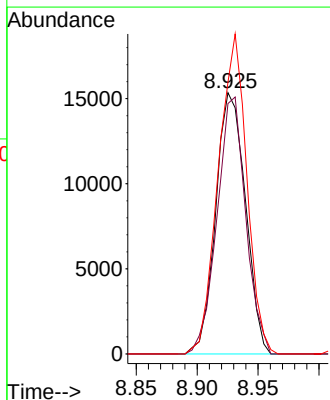
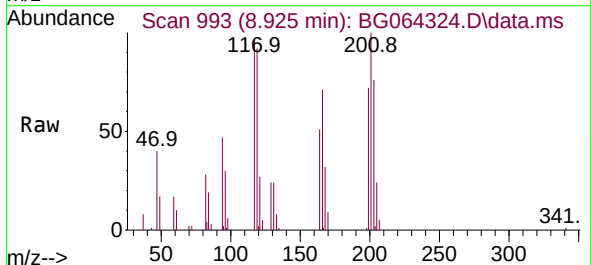
Manual Integrations
APPROVED

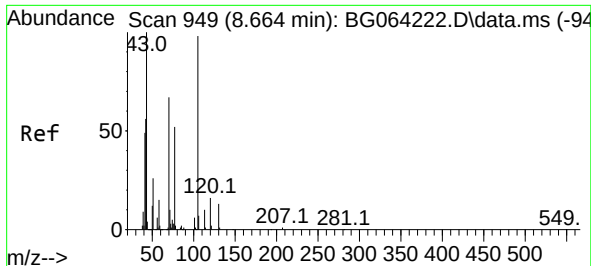
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 41.994 ng
RT: 8.925 min Scan# 993
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

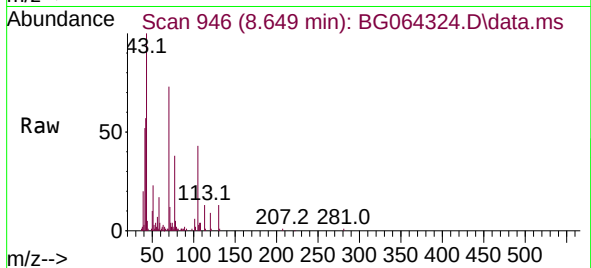
Tgt Ion:	117	Resp:	26031
Ion	Ratio	Lower	Upper
117	100		
119	95.9	67.9	101.9
201	104.0	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 38.509 ng
RT: 8.649 min Scan# 94
Delta R.T. -0.015 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

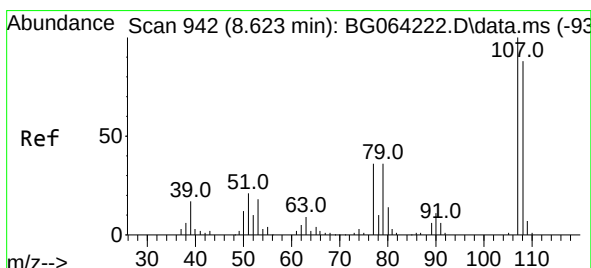
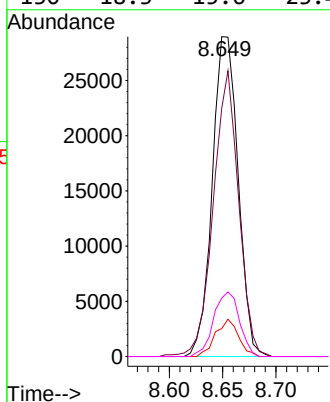
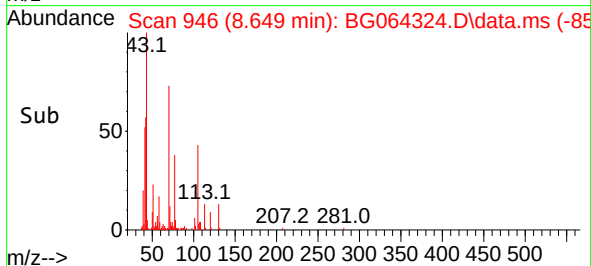
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion: 70 Resp: 4900
Ion Ratio Lower Upper
70 100
42 77.6 67.9 101.9
101 8.8 7.3 10.9
130 18.3 15.6 23.4

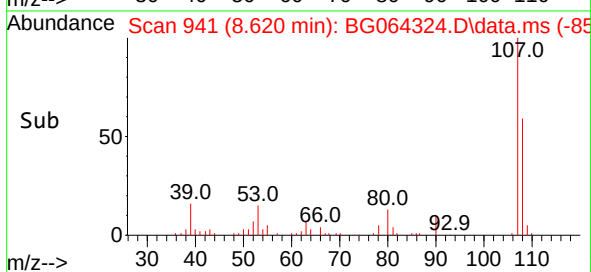
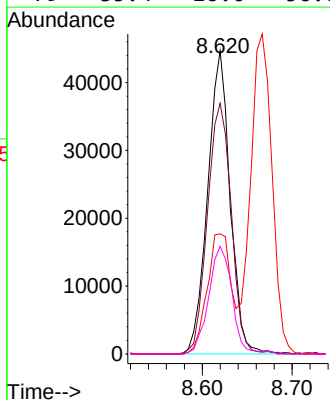
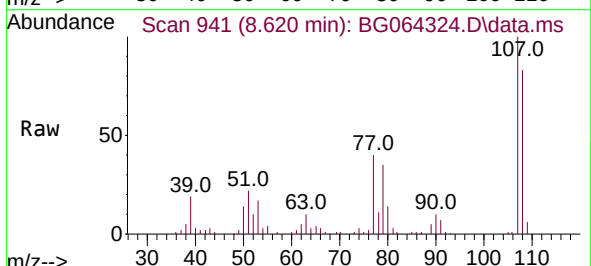
Manual Integrations
APPROVED

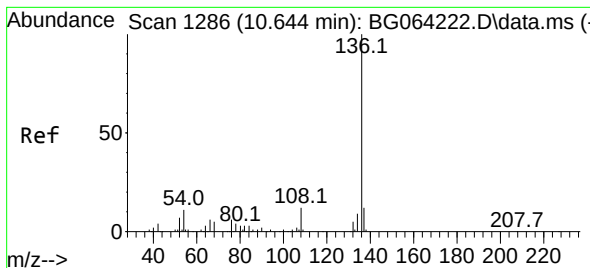
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#20
3+4-Methylphenols
Concen: 40.859 ng
RT: 8.620 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:107 Resp: 77571
Ion Ratio Lower Upper
107 100
108 82.6 68.1 108.1
77 39.6 15.9 55.9
79 35.4 16.0 56.0





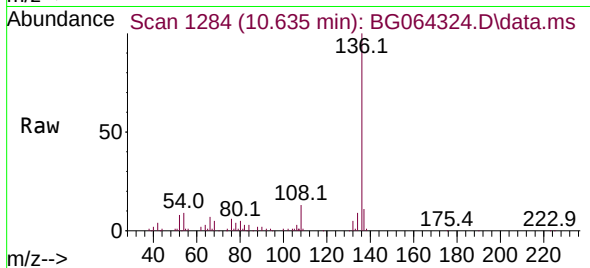
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.635 min Scan# 1284
Delta R.T. -0.015 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

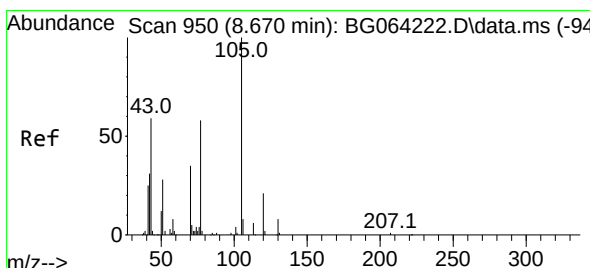
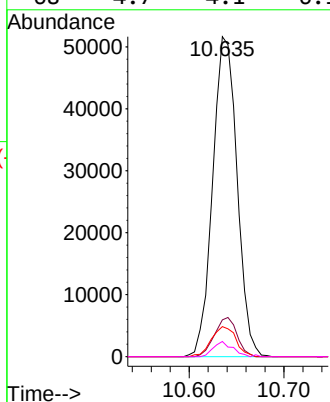
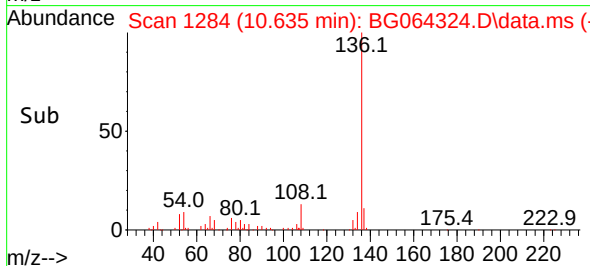


Tgt Ion:136 Resp: 92310
Ion Ratio Lower Upper
136 100
137 11.5 9.6 14.4
54 9.4 8.8 13.2
68 4.7 4.1 6.1

Manual Integrations

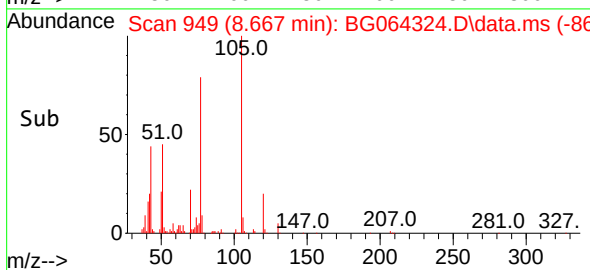
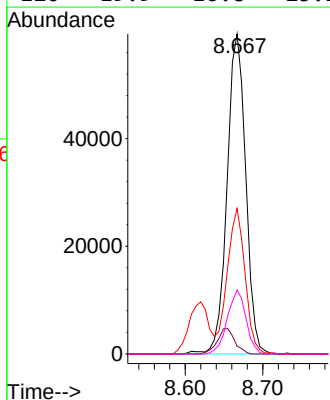
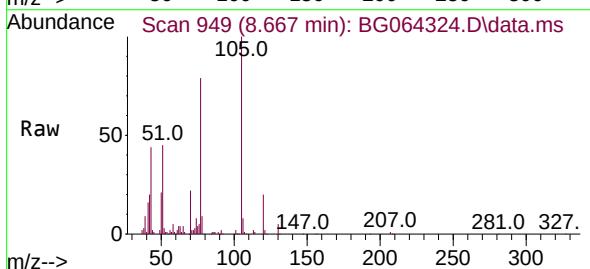
APPROVED

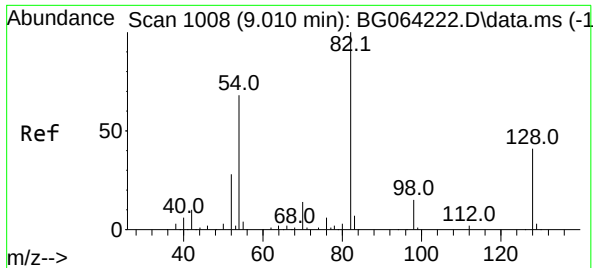
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#22
Acetophenone
Concen: 42.493 ng
RT: 8.667 min Scan# 949
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:105 Resp: 99236
Ion Ratio Lower Upper
105 100
71 2.4 4.3 6.5#
51 45.4 32.4 48.6
120 19.9 16.8 25.2





#23

Nitrobenzene-d5

Concen: 88.160 ng

RT: 9.002 min Scan# 1006

Delta R.T. -0.015 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

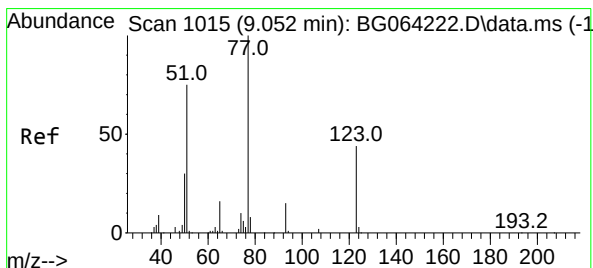
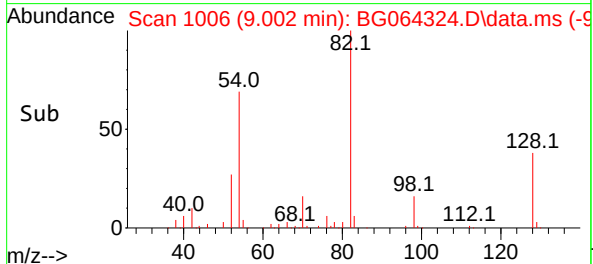
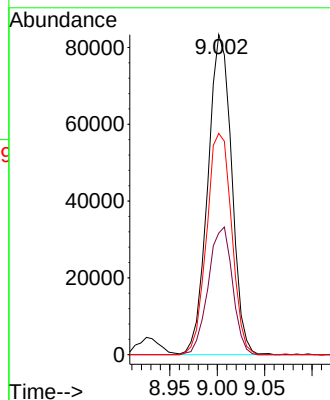
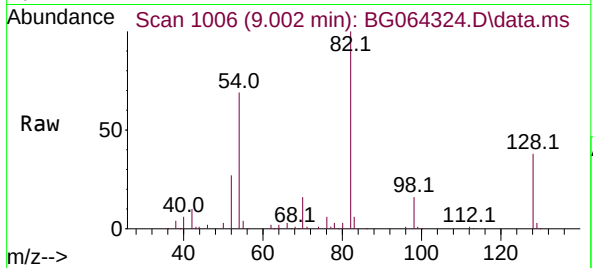
Tgt Ion:	82	Resp:	14592
Ion Ratio	Lower	Upper	
82	100		
128	38.0	32.6	48.8
54	69.1	54.7	82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#24

Nitrobenzene

Concen: 44.013 ng

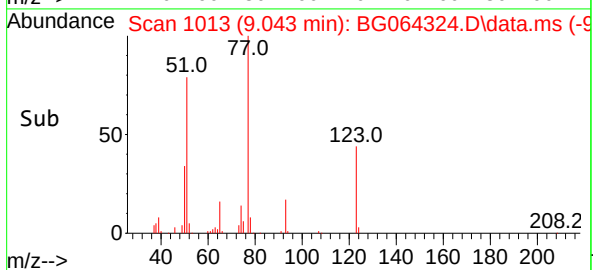
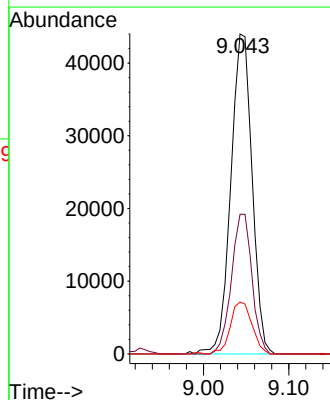
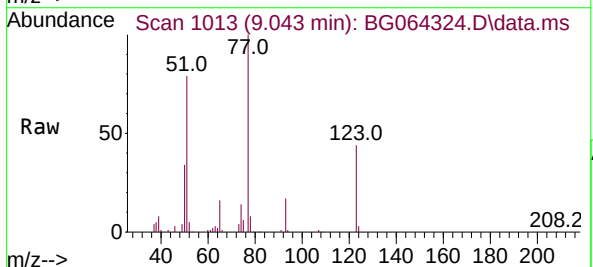
RT: 9.043 min Scan# 1013

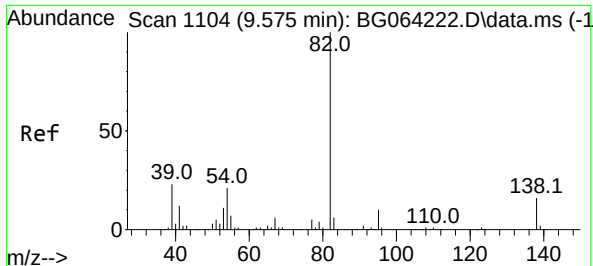
Delta R.T. -0.015 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

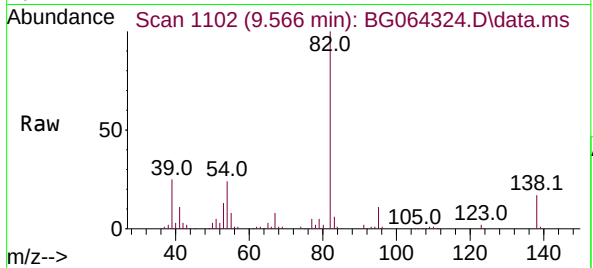
Tgt Ion:	77	Resp:	76113
Ion Ratio	Lower	Upper	
77	100		
123	43.6	35.2	52.8
65	16.2	12.6	19.0





#25
Isophorone
Concen: 40.368 ng
RT: 9.566 min Scan# 1102
Delta R.T. -0.021 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

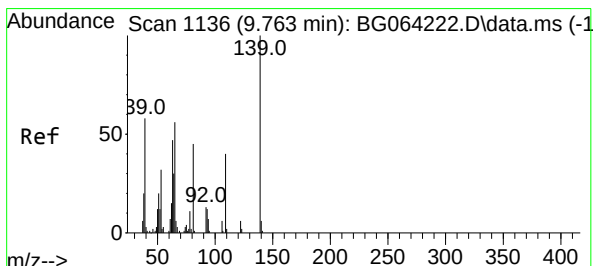
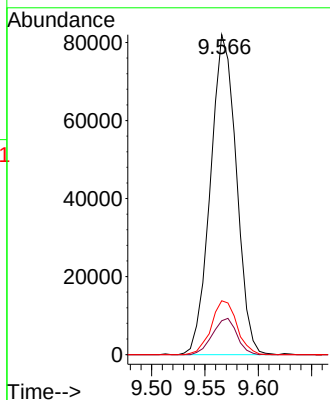
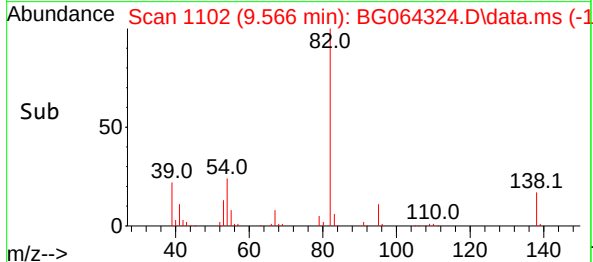
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion: 82 Resp: 138864
Ion Ratio Lower Upper
82 100
95 10.6 7.9 11.9
138 16.8 13.0 19.4

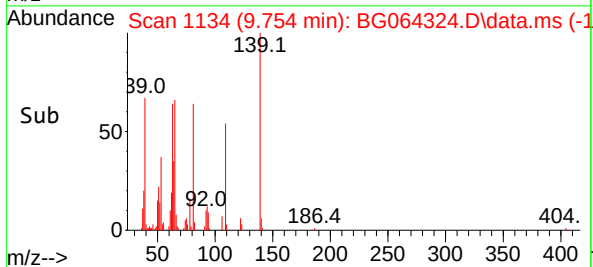
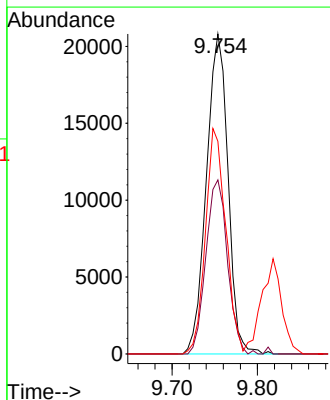
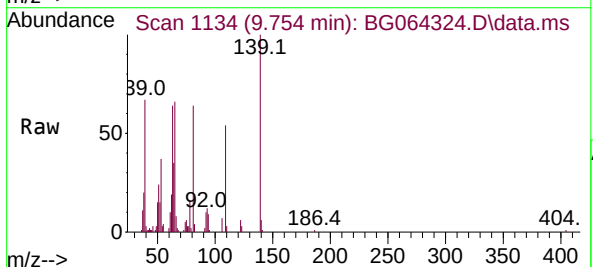
Manual Integrations
APPROVED

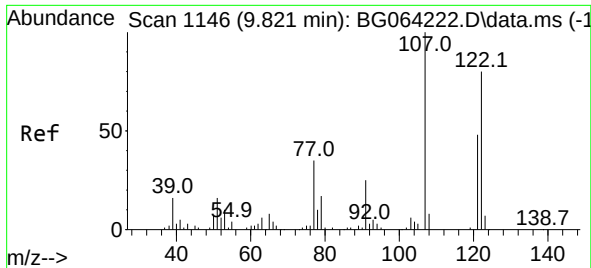
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 48.886 ng
RT: 9.754 min Scan# 1134
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:139 Resp: 36530
Ion Ratio Lower Upper
139 100
109 54.4 32.4 48.6#
65 66.4 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 50.764 ng
RT: 9.818 min Scan# 1145
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

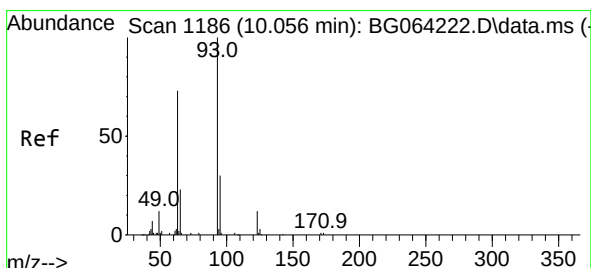
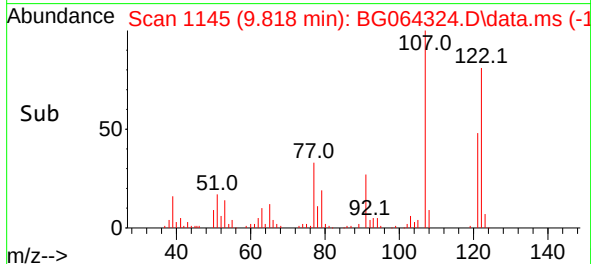
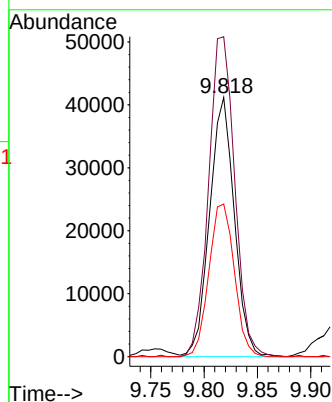
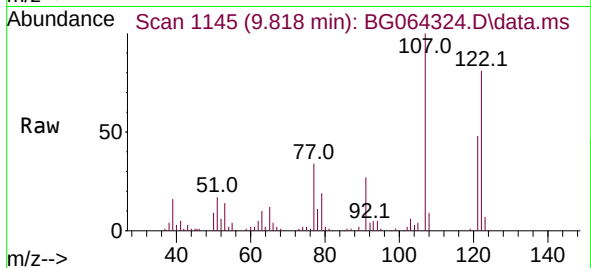
PB169606BS

Tgt Ion:122 Resp: 66599
Ion Ratio Lower Upper
122 100
107 123.5 99.9 149.9
121 58.9 48.6 72.8

Manual Integrations

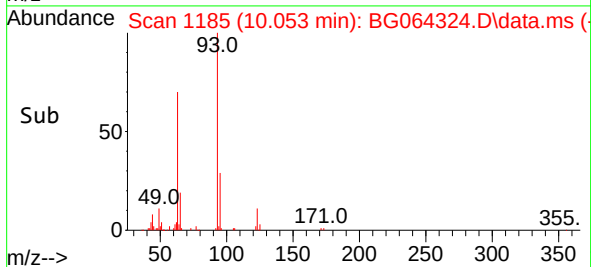
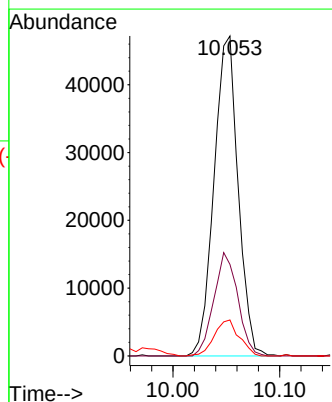
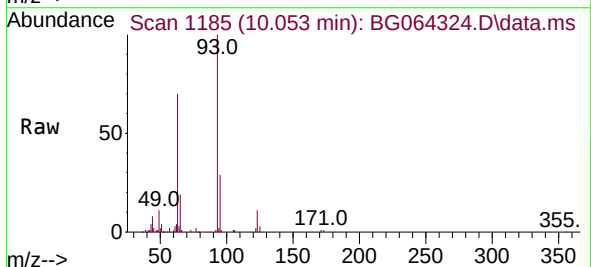
APPROVED

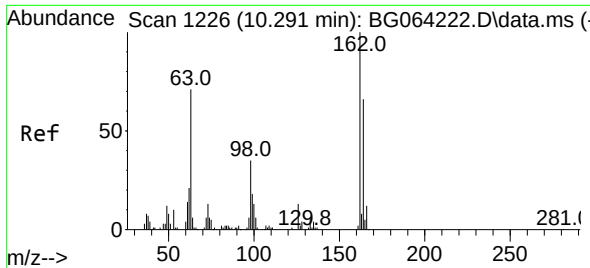
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.929 ng
RT: 10.053 min Scan# 1185
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion: 93 Resp: 74064
Ion Ratio Lower Upper
93 100
95 28.6 23.9 35.9
123 11.2 9.6 14.4





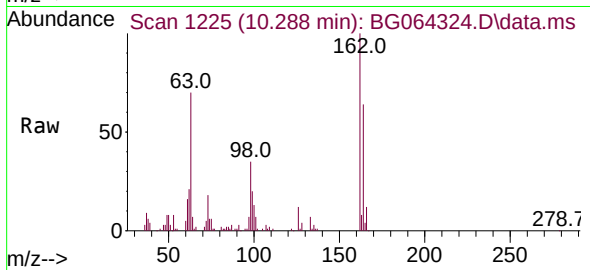
#29
2,4-Dichlorophenol
Concen: 48.762 ng
RT: 10.288 min Scan# 1225
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

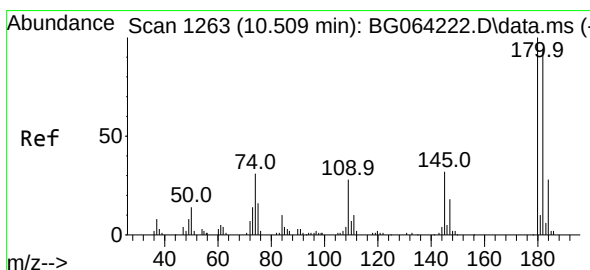
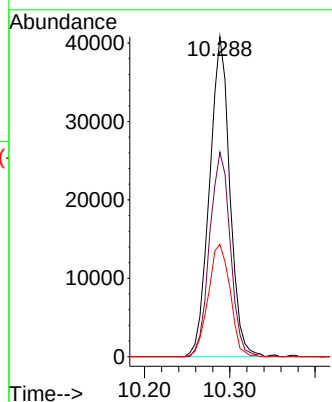
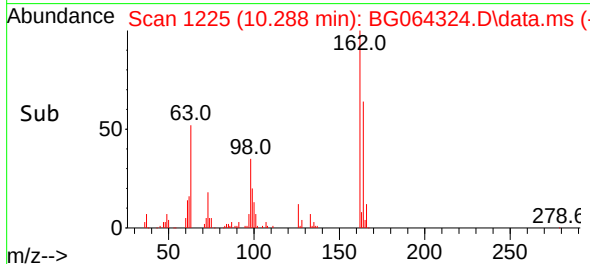


Tgt Ion:162 Resp: 67499
Ion Ratio Lower Upper
162 100
164 63.9 45.8 85.8
98 35.1 15.2 55.2

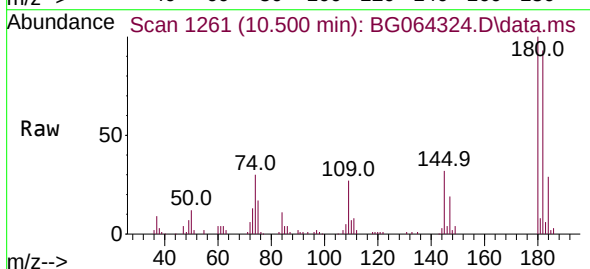
Manual Integrations

APPROVED

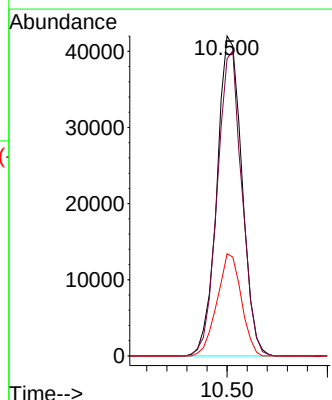
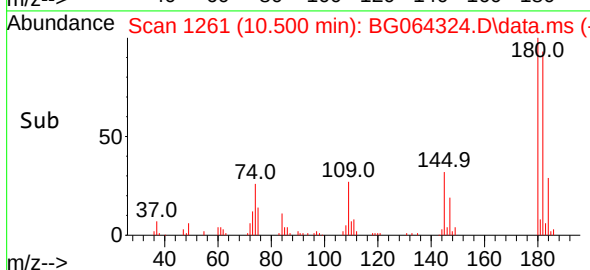
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

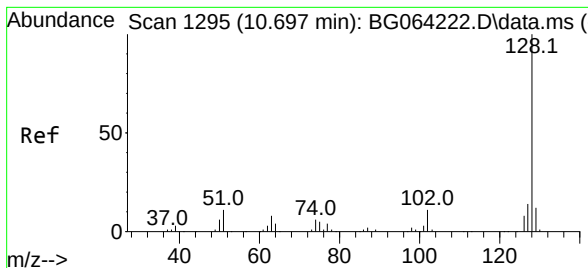


#30
1,2,4-Trichlorobenzene
Concen: 49.633 ng
RT: 10.500 min Scan# 1261
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



Tgt Ion:180 Resp: 72441
Ion Ratio Lower Upper
180 100
182 92.9 75.0 112.6
145 31.9 25.4 38.0





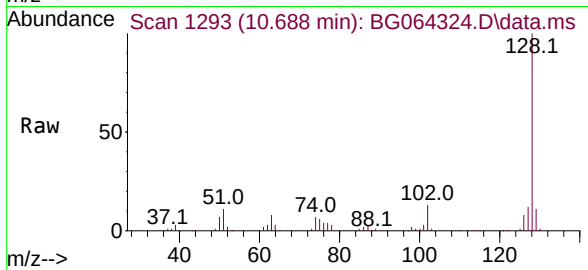
#31
Naphthalene
Concen: 42.472 ng
RT: 10.688 min Scan# 1172
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

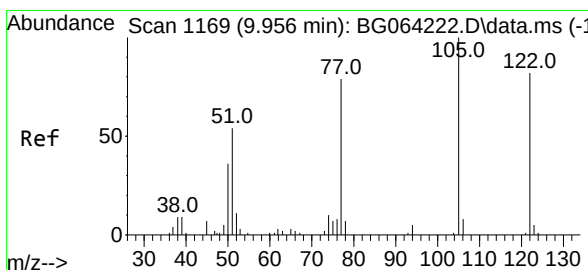
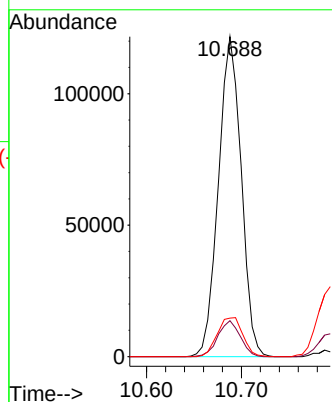


Tgt Ion:128 Resp: 203303
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 12.0 10.9 16.3

Manual Integrations

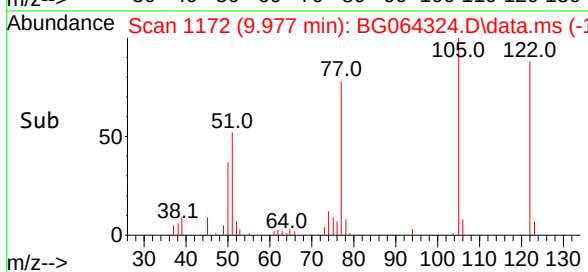
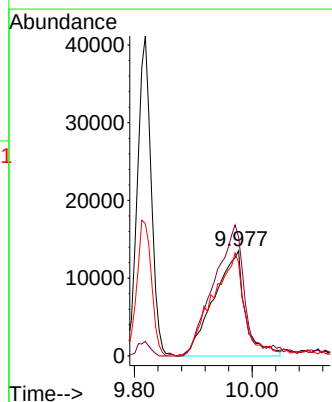
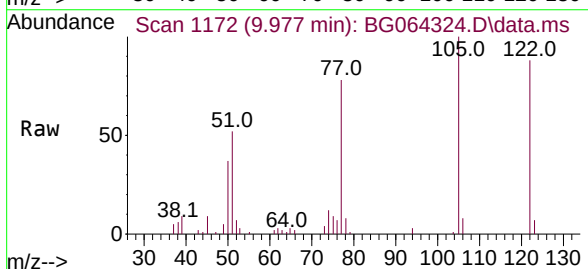
APPROVED

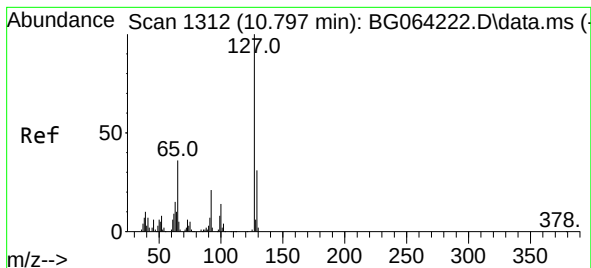
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#32
Benzoic acid
Concen: 47.502 ng
RT: 9.977 min Scan# 1172
Delta R.T. -0.038 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:122 Resp: 49469
Ion Ratio Lower Upper
122 100
105 113.3 98.5 138.5
77 88.6 74.6 114.6





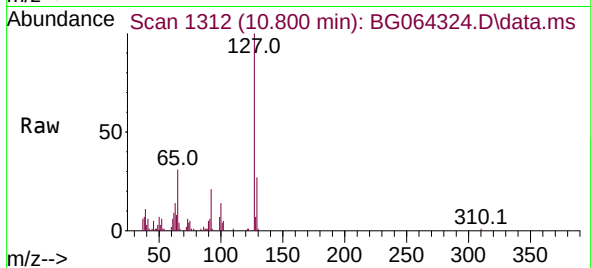
#33
4-Chloroaniline
Concen: 28.059 ng
RT: 10.800 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS



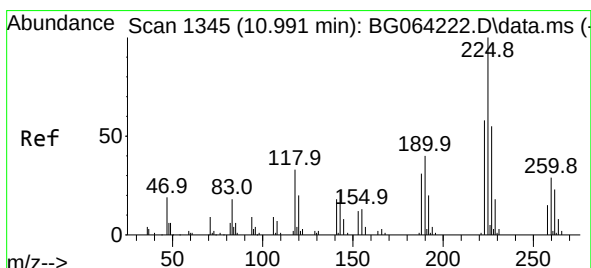
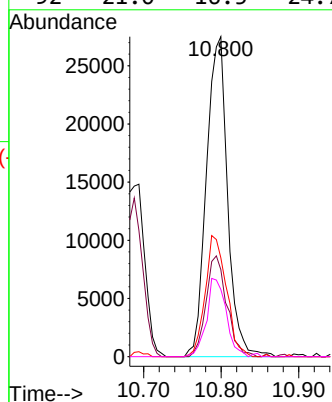
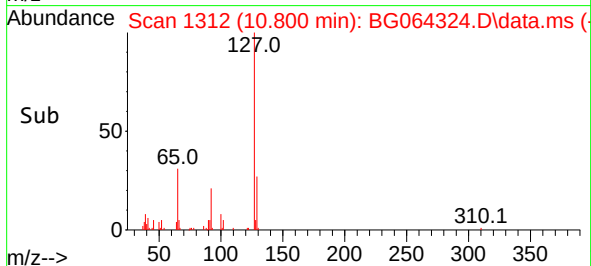
Tgt Ion:127 Resp: 52052
Ion Ratio Lower Upper
127 100
129 27.2 25.0 37.4
65 30.9 28.7 43.1
92 21.0 16.5 24.7

Manual Integrations

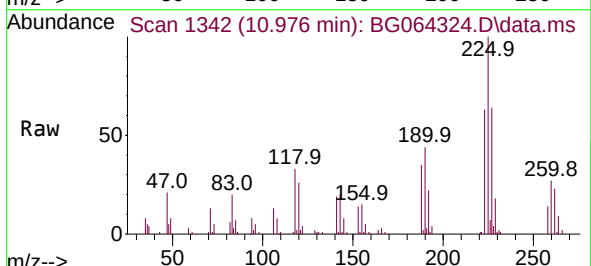
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

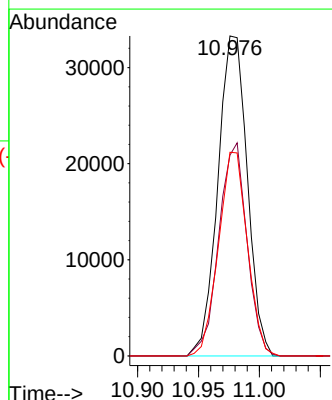
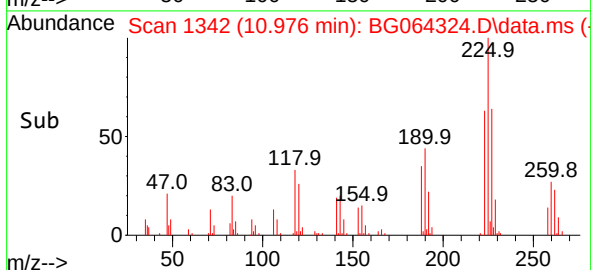
Supervised By :Jagrut Upadhyay 09/10/2025

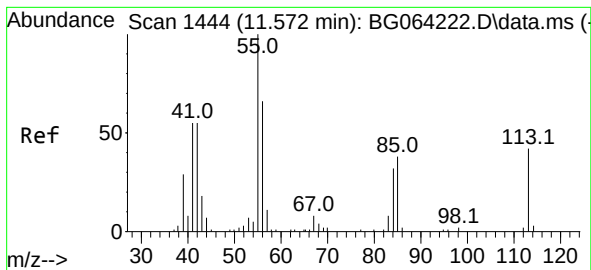


#34
Hexachlorobutadiene
Concen: 51.828 ng
RT: 10.976 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



Tgt Ion:225 Resp: 55916
Ion Ratio Lower Upper
225 100
223 62.7 46.5 69.7
227 63.6 44.1 66.1





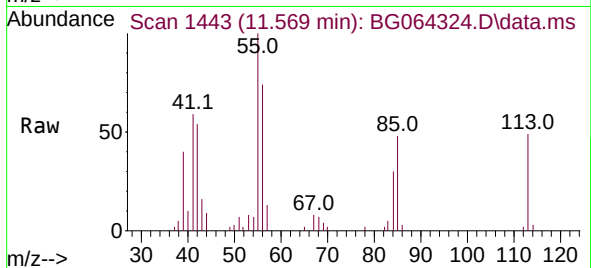
#35
Caprolactam
Concen: 44.161 ng m
RT: 11.569 min Scan# 14
Delta R.T. -0.033 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

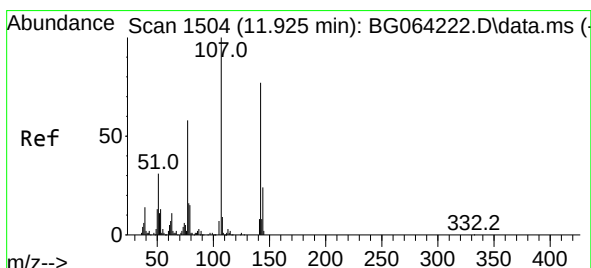
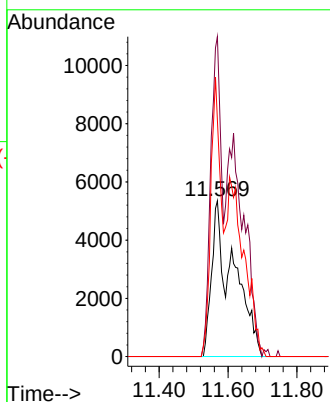
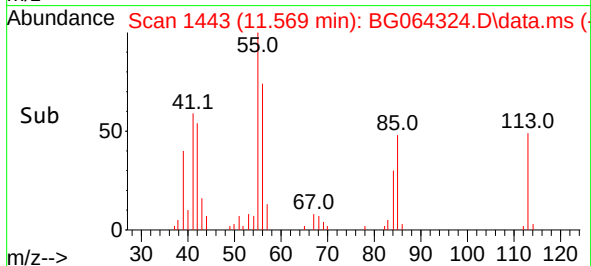


Tgt Ion:113 Resp: 23670
Ion Ratio Lower Upper
113 100
55 205.4 218.5 258.5
56 151.8 138.5 178.5

Manual Integrations

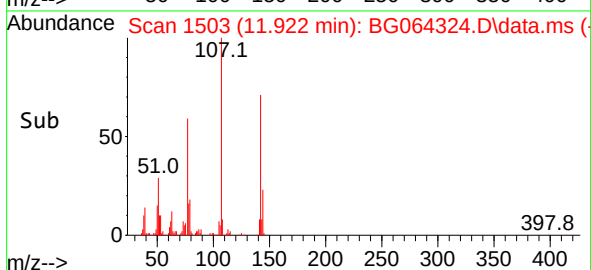
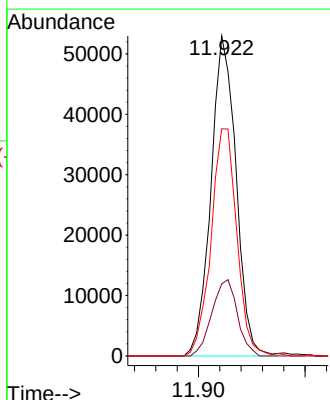
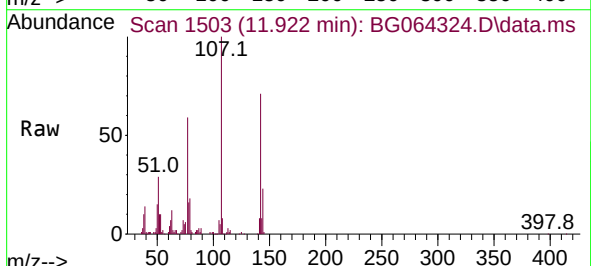
APPROVED

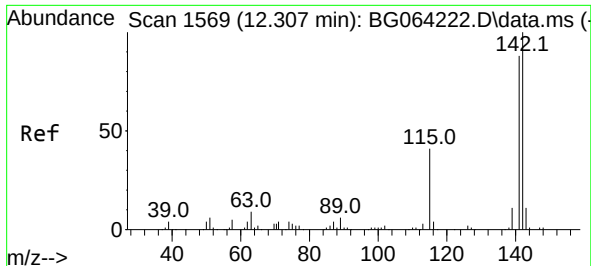
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#36
4-Chloro-3-methylphenol
Concen: 48.284 ng
RT: 11.922 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

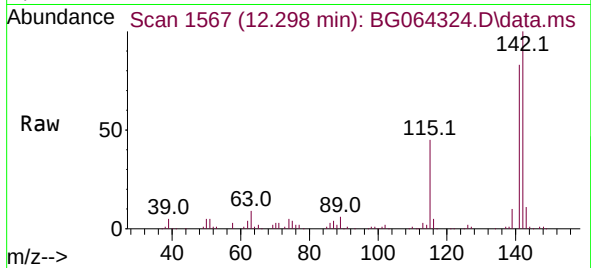
Tgt Ion:107 Resp: 86719
Ion Ratio Lower Upper
107 100
144 22.5 19.5 29.3
142 71.0 62.0 93.0





#37
2-Methylnaphthalene
Concen: 40.925 ng
RT: 12.298 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

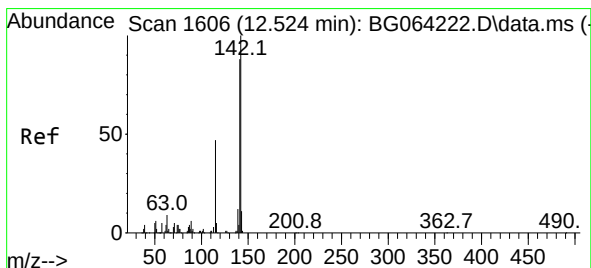
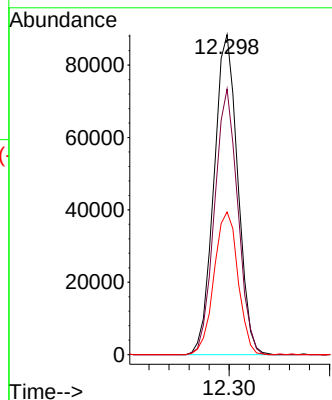
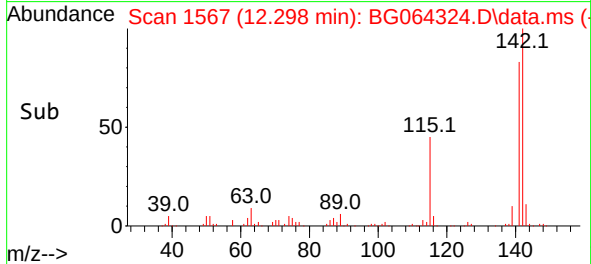
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion:142 Resp: 145613
Ion Ratio Lower Upper
142 100
141 83.0 70.1 105.1
115 44.6 33.1 49.7

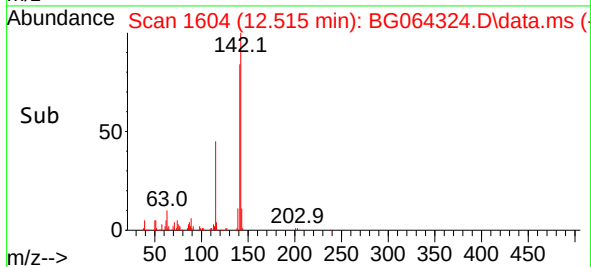
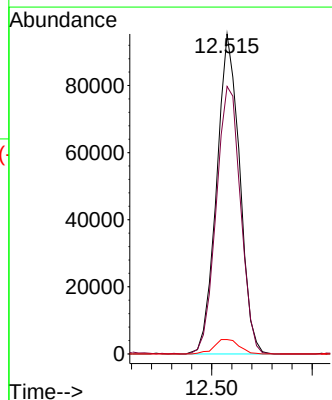
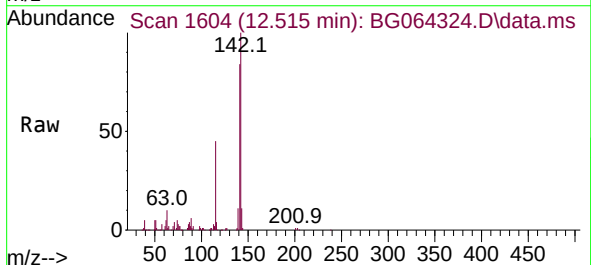
Manual Integrations
APPROVED

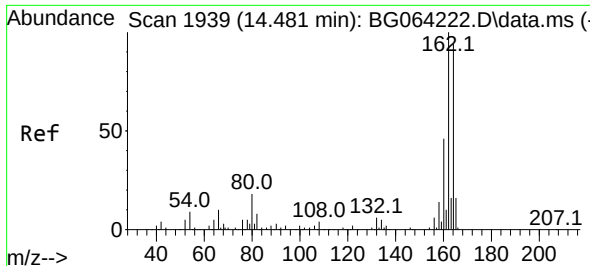
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#38
1-Methylnaphthalene
Concen: 43.208 ng
RT: 12.515 min Scan# 1604
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

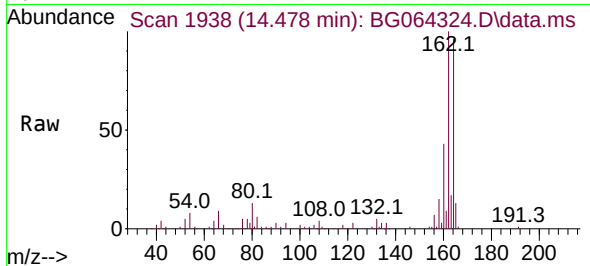
Tgt Ion:142 Resp: 151850
Ion Ratio Lower Upper
142 100
141 83.6 70.3 105.5
116 4.5 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.478 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

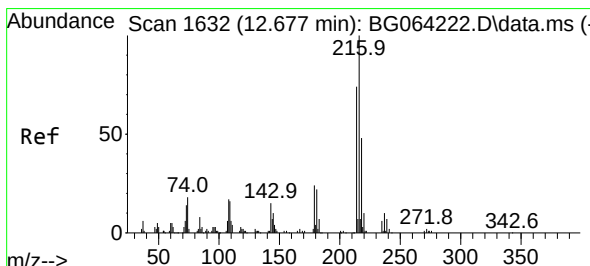
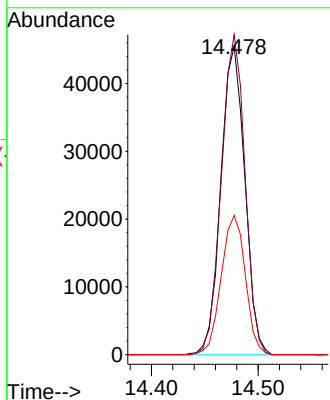
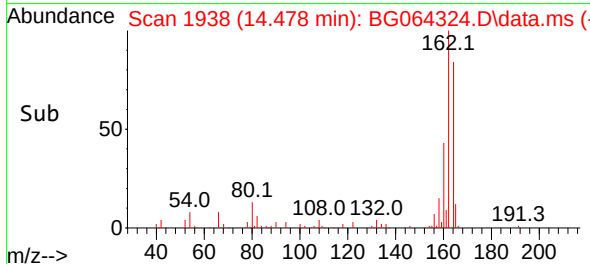
Instrument :
BNA_G
ClientSampleId :
PB169606BS



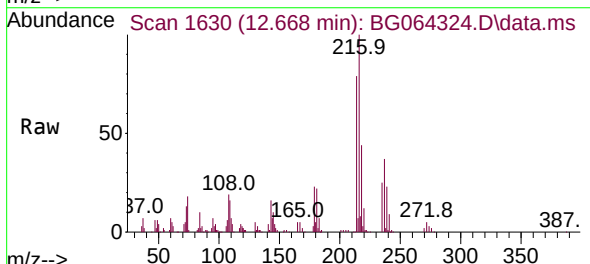
Tgt Ion:164 Resp: 70896
Ion Ratio Lower Upper
164 100
162 103.8 85.4 128.0
160 45.1 39.2 58.8

Manual Integrations
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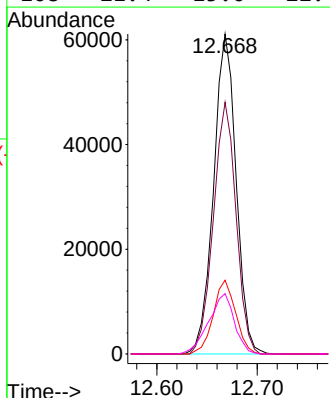
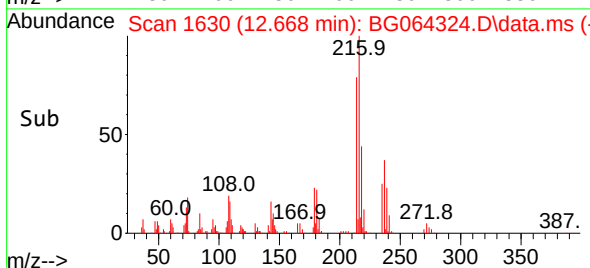
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

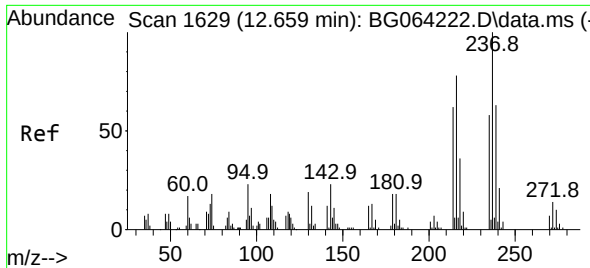


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.685 ng
RT: 12.668 min Scan# 1630
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



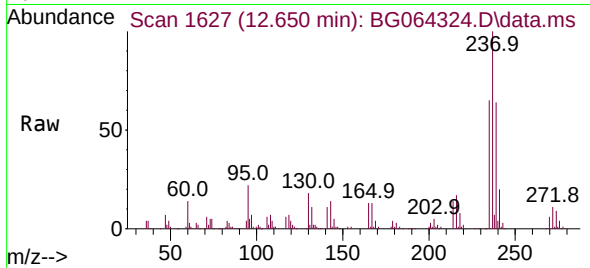
Tgt Ion:216 Resp: 95497
Ion Ratio Lower Upper
216 100
214 78.9 61.9 92.9
179 22.8 17.9 26.9
108 21.4 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 140.111 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

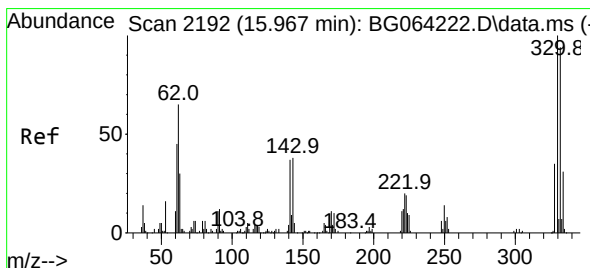
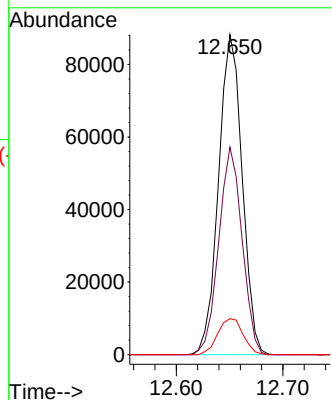
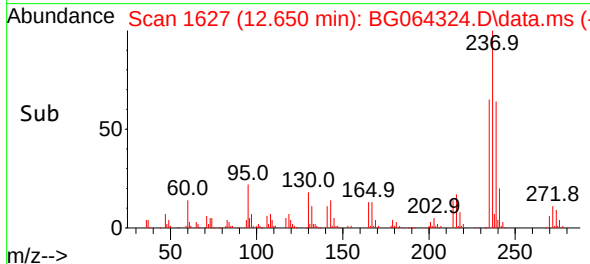
Instrument :
BNA_G
ClientSampleId :
PB169606BS



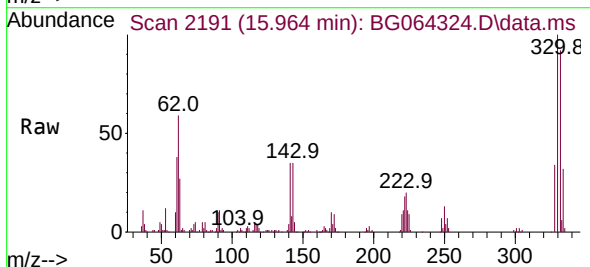
Tgt Ion:237 Resp: 136215
Ion Ratio Lower Upper
237 100
235 64.8 37.9 77.9
272 11.2 0.0 33.8

Manual Integrations
APPROVED

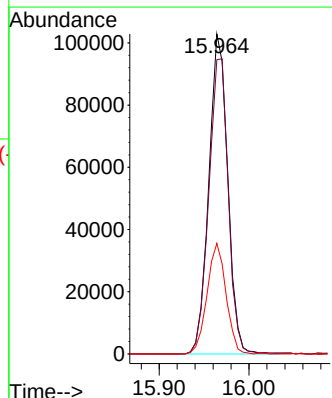
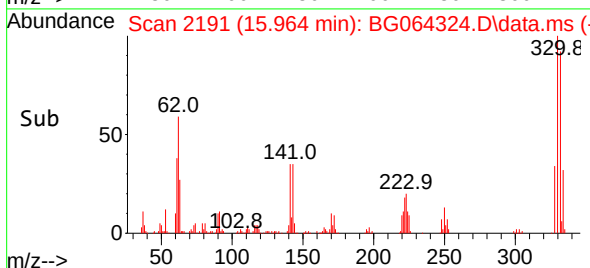
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

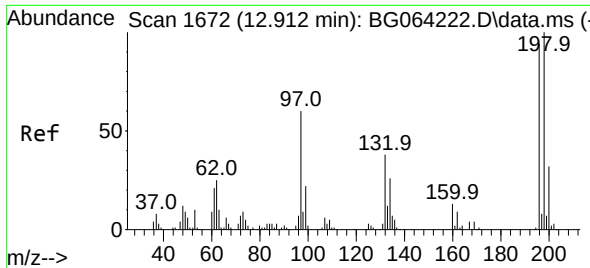


#42
2,4,6-Tribromophenol
Concen: 160.339 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



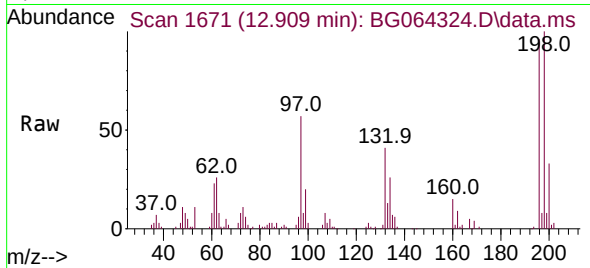
Tgt Ion:330 Resp: 150566
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 34.6 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 47.496 ng
RT: 12.909 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

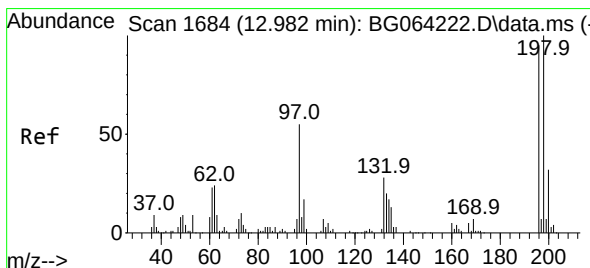
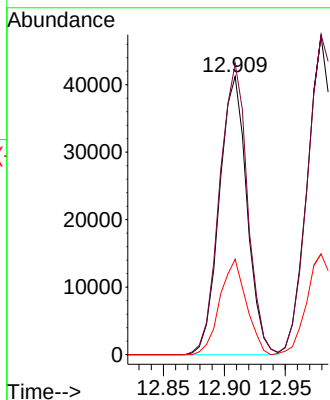
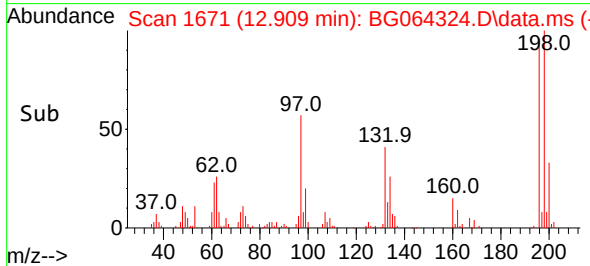
Instrument :
BNA_G
ClientSampleId :
PB169606BS



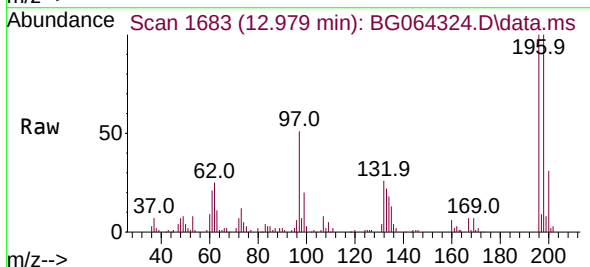
Tgt Ion:196 Resp: 64938
Ion Ratio Lower Upper
196 100
198 104.7 85.4 128.2
200 34.3 27.3 40.9

Manual Integrations
APPROVED

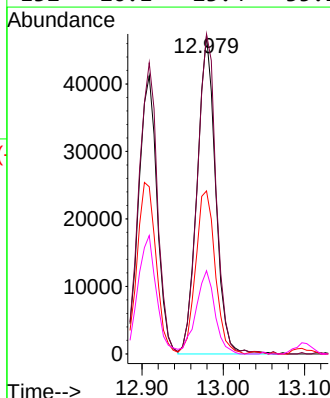
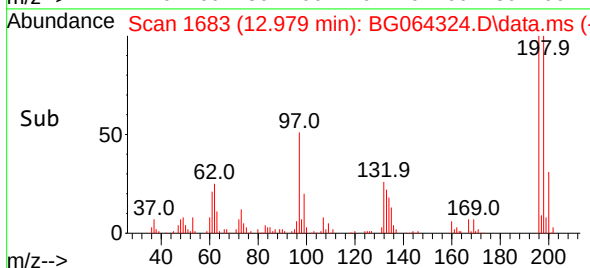
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

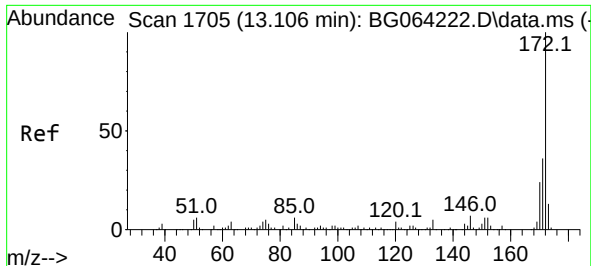


#44
2,4,5-Trichlorophenol
Concen: 50.231 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



Tgt Ion:196 Resp: 74499
Ion Ratio Lower Upper
196 100
198 100.4 84.5 126.7
97 51.2 46.8 70.2
132 26.1 23.4 35.2





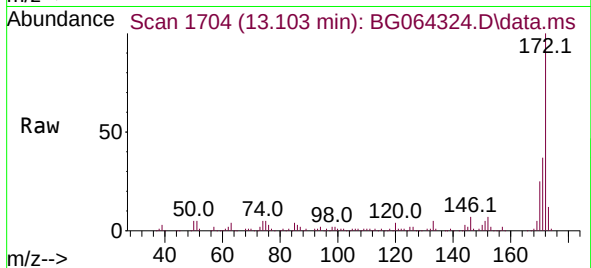
#45
2-Fluorobiphenyl
Concen: 84.545 ng
RT: 13.103 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

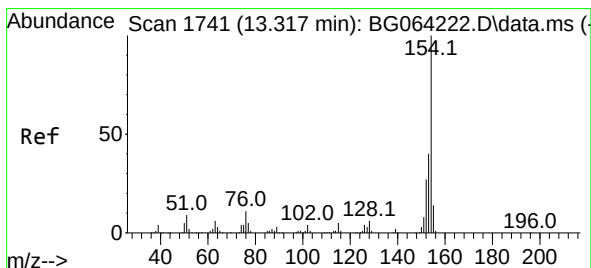
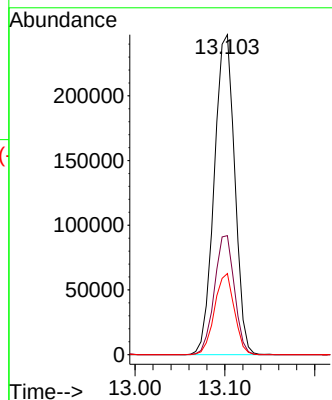
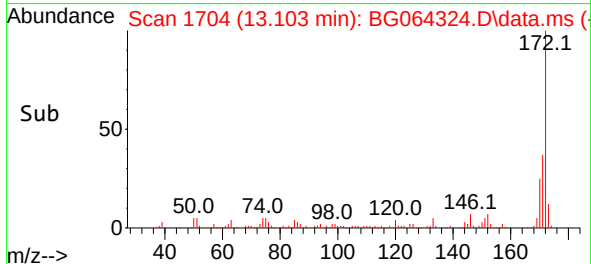


Tgt Ion:172 Resp: 392696
Ion Ratio Lower Upper
172 100
171 37.2 28.7 43.1
170 25.3 19.0 28.6

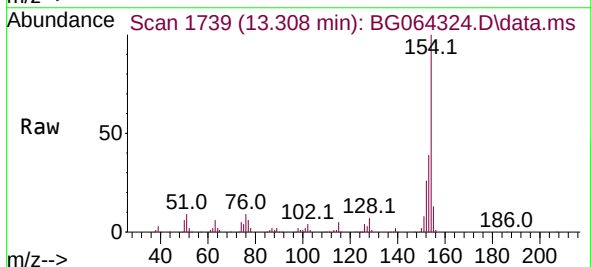
Manual Integrations

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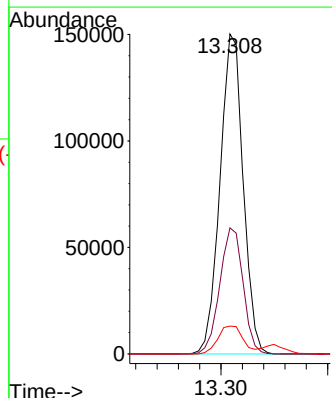
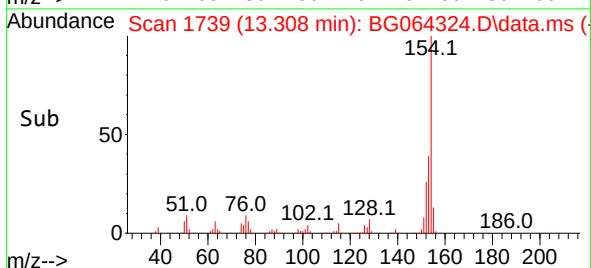
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

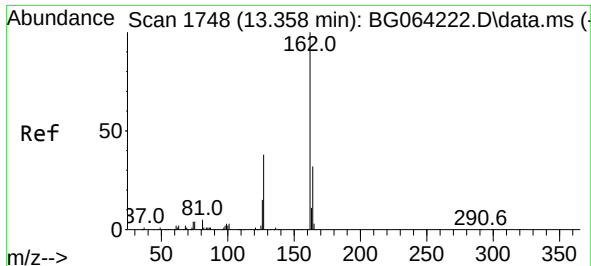


#46
1,1'-Biphenyl
Concen: 43.892 ng
RT: 13.308 min Scan# 1739
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



Tgt Ion:154 Resp: 226647
Ion Ratio Lower Upper
154 100
153 39.4 19.9 59.9
76 8.7 0.0 30.9





#47

2-Chloronaphthalene

Concen: 43.079 ng

RT: 13.349 min Scan# 1746

Delta R.T. -0.009 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

Tgt Ion:162 Resp: 167232

Ion Ratio Lower Upper

162 100

127 45.4 33.9 50.9

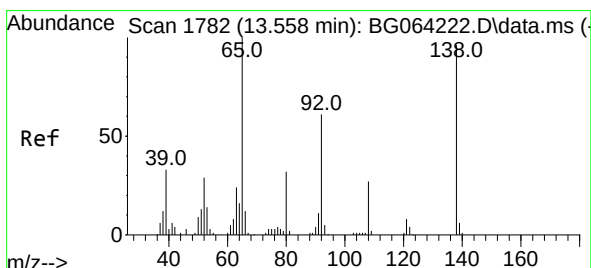
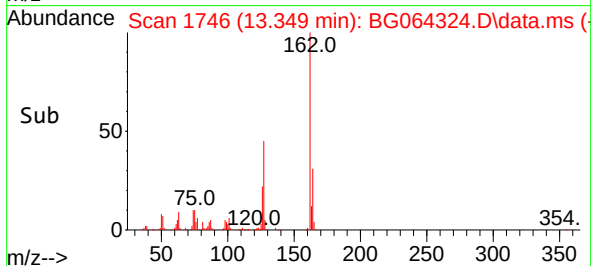
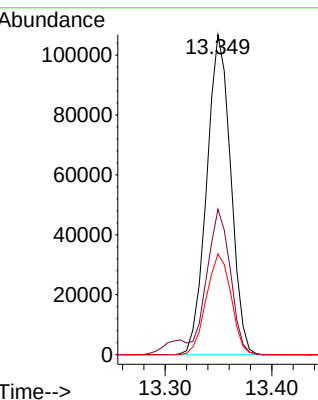
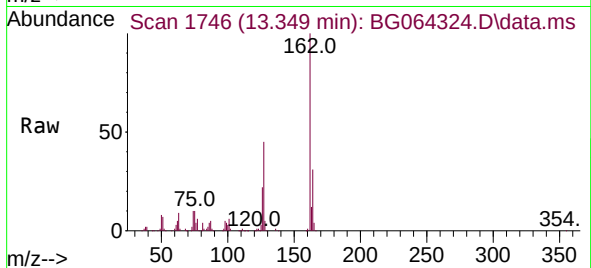
164 31.4 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#48

2-Nitroaniline

Concen: 48.624 ng

RT: 13.549 min Scan# 1780

Delta R.T. -0.015 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

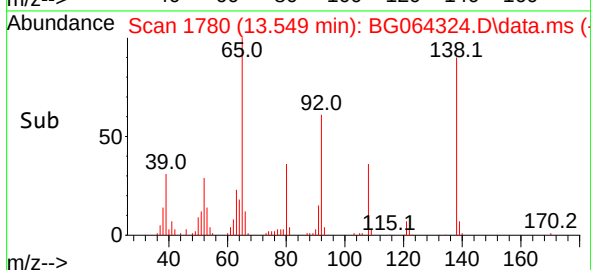
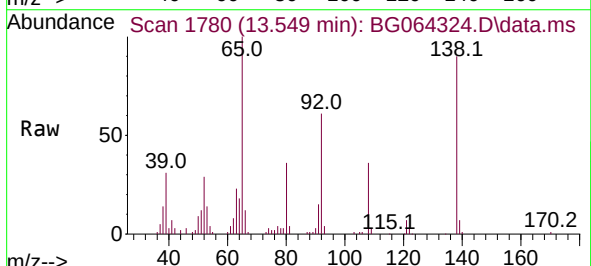
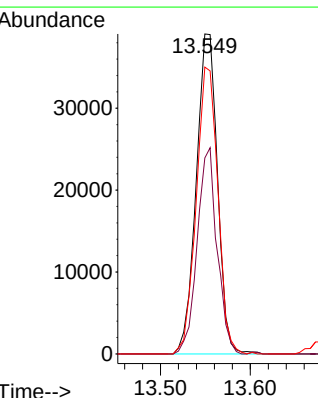
Tgt Ion: 65 Resp: 64336

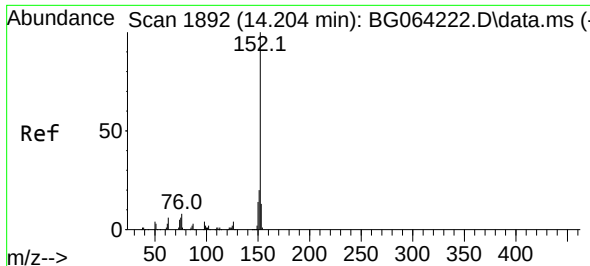
Ion Ratio Lower Upper

65 100

92 61.2 49.2 73.8

138 89.6 76.8 115.2





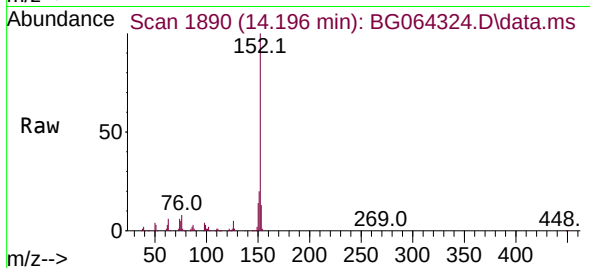
#49
Acenaphthylene
Concen: 48.978 ng
RT: 14.196 min Scan# 1890
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

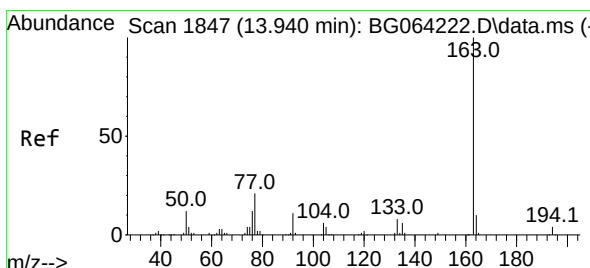
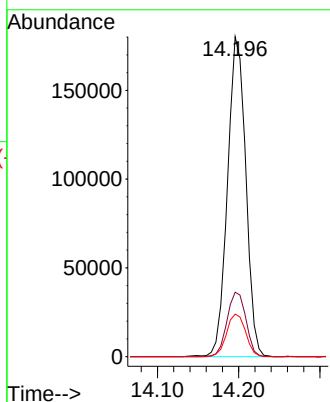
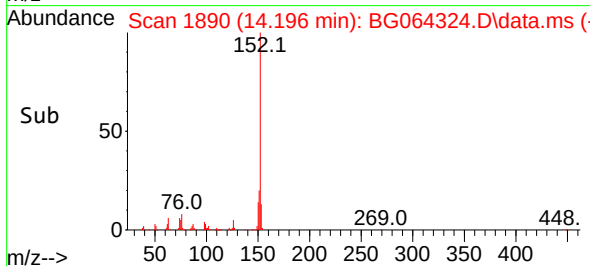


Tgt Ion:152 Resp: 281063
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.1 15.1

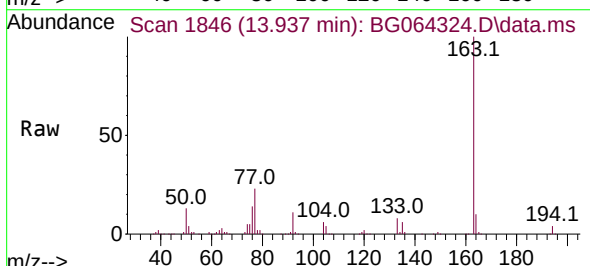
Manual Integrations

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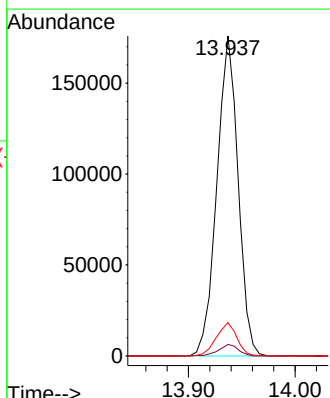
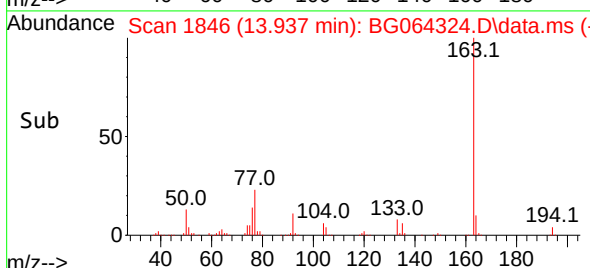
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

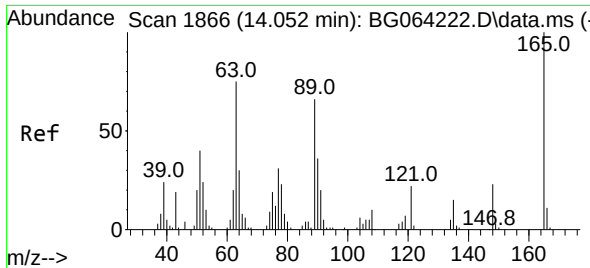


#50
Dimethylphthalate
Concen: 45.300 ng
RT: 13.937 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



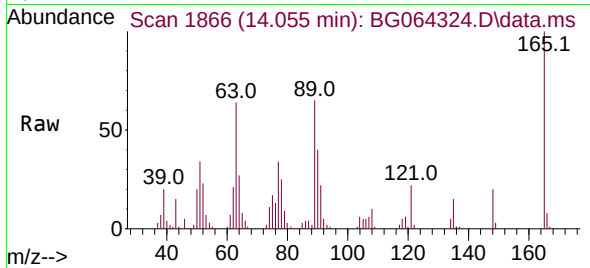
Tgt Ion:163 Resp: 243091
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 49.355 ng
RT: 14.055 min Scan# 1866
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

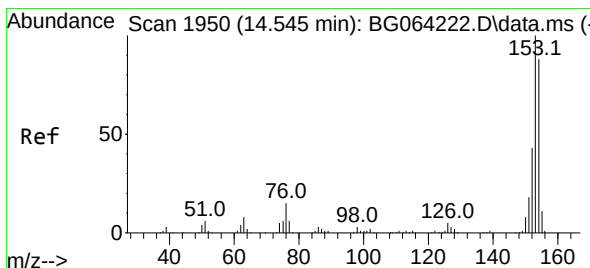
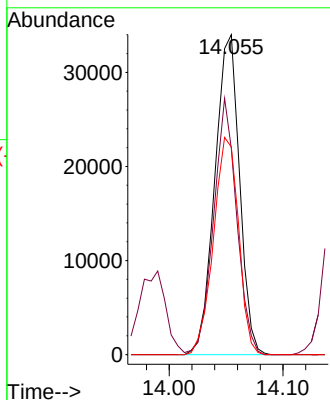
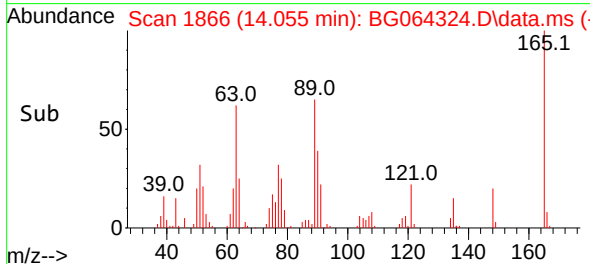
Instrument :
BNA_G
ClientSampleId :
PB169606BS



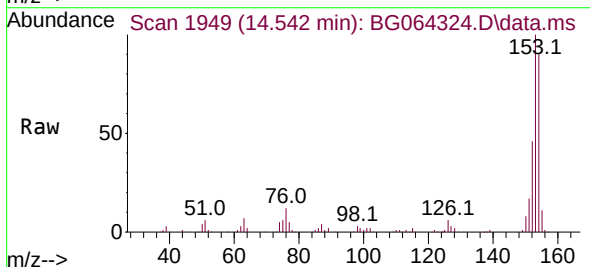
Tgt Ion:165 Resp: 51274
Ion Ratio Lower Upper
165 100
63 64.4 60.3 90.5
89 64.9 52.9 79.3

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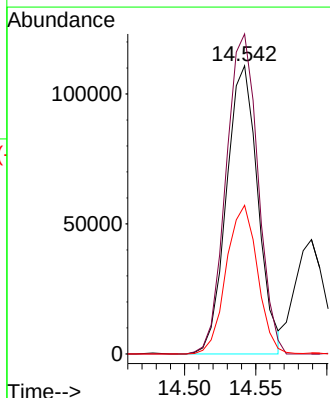
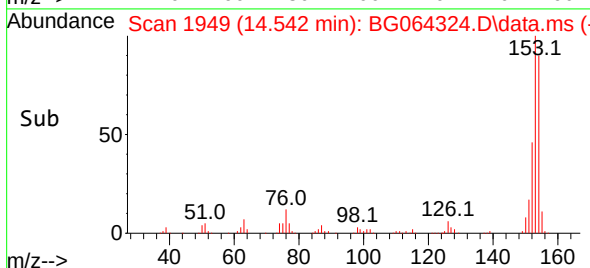
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

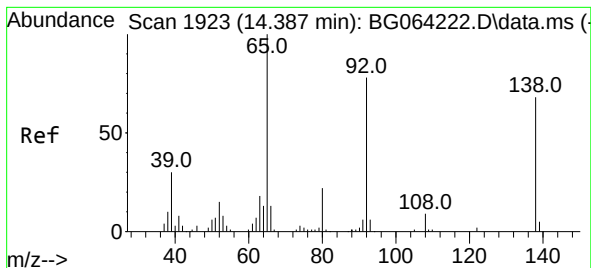


#52
Acenaphthene
Concen: 42.073 ng
RT: 14.542 min Scan# 1949
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



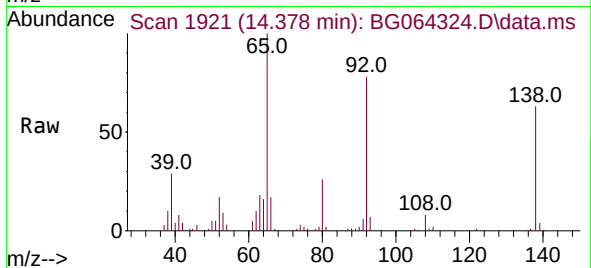
Tgt Ion:154 Resp: 170383
Ion Ratio Lower Upper
154 100
153 111.1 91.1 136.7
152 51.6 39.6 59.4





#53
3-Nitroaniline
Concen: 35.832 ng
RT: 14.378 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

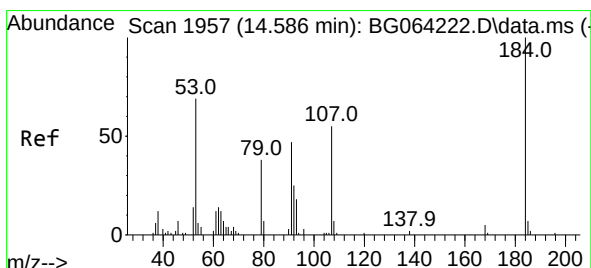
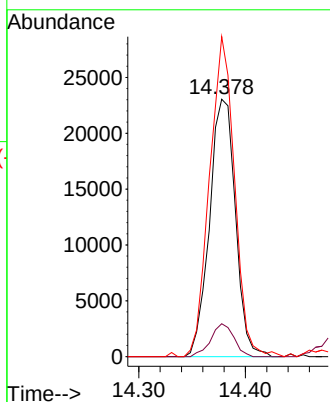
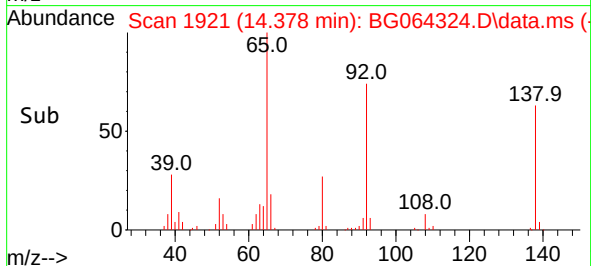
Instrument :
BNA_G
ClientSampleId :
PB169606BS



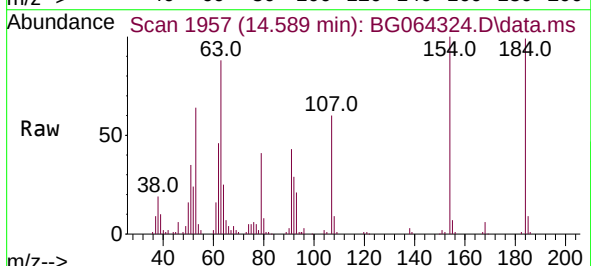
Tgt Ion:138 Resp: 38993
Ion Ratio Lower Upper
138 100
108 12.8 11.0 16.6
92 124.3 91.4 137.0

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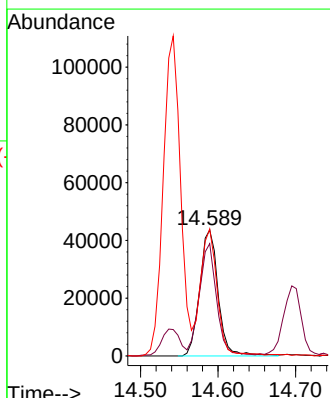
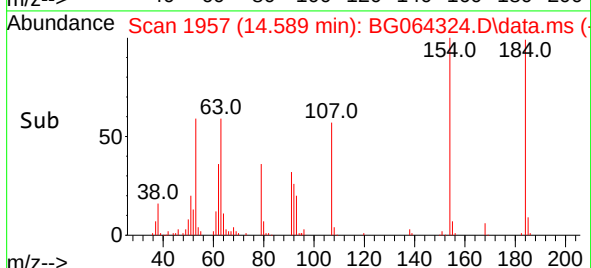
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

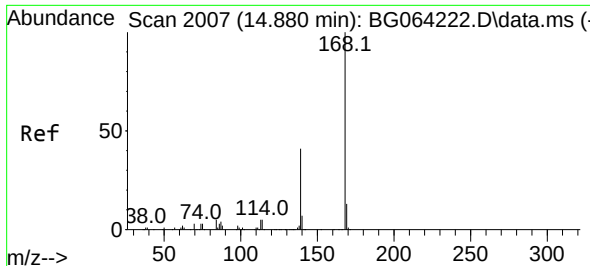


#54
2,4-Dinitrophenol
Concen: 104.159 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



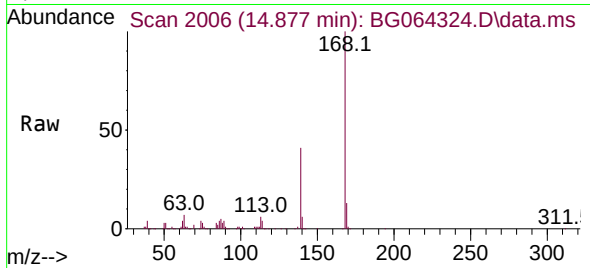
Tgt Ion:184 Resp: 71944
Ion Ratio Lower Upper
184 100
63 89.1 60.1 90.1
154 100.8 59.8 89.8#





#55
Dibenzenofuran
Concen: 45.470 ng
RT: 14.877 min Scan# 2007
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

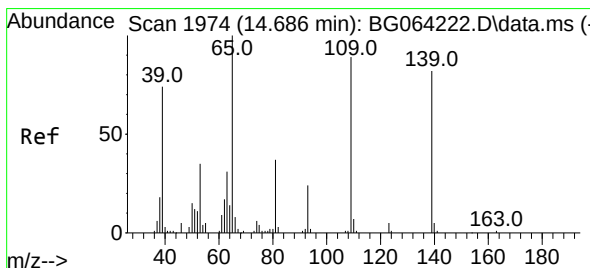
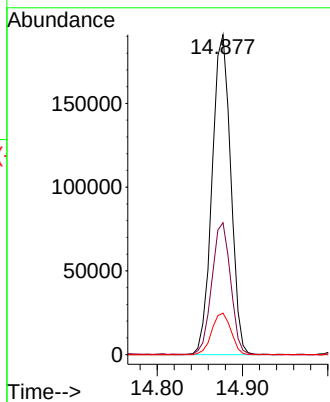
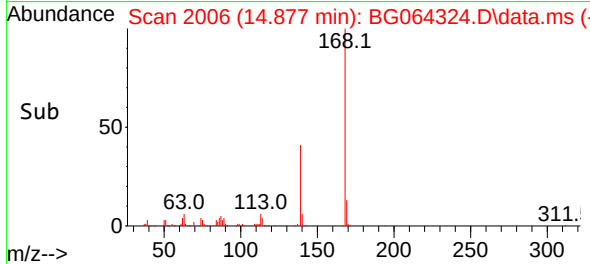
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion:168 Resp: 289636
Ion Ratio Lower Upper
168 100
139 41.2 33.2 49.8
169 13.0 10.4 15.6

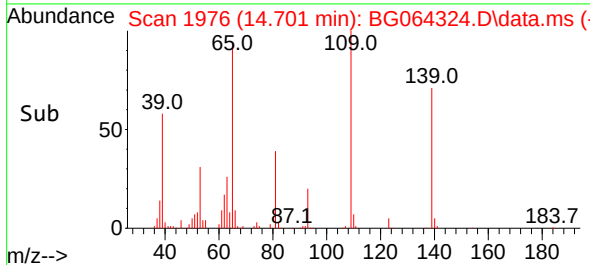
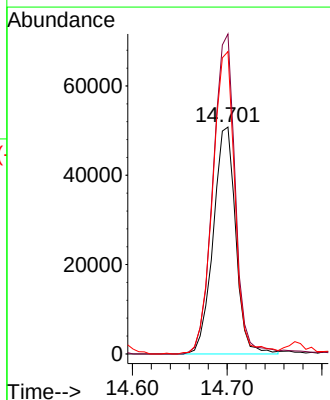
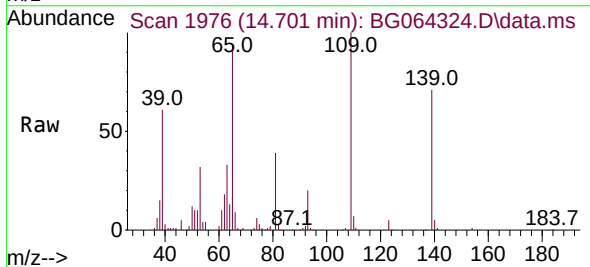
Manual Integrations
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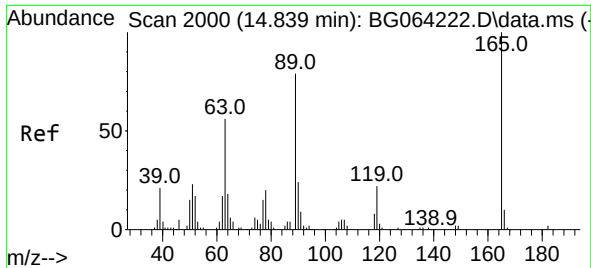
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#56
4-Nitrophenol
Concen: 93.329 ng
RT: 14.701 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:139 Resp: 83311
Ion Ratio Lower Upper
139 100
109 141.1 89.1 129.1#
65 133.3 102.9 142.9





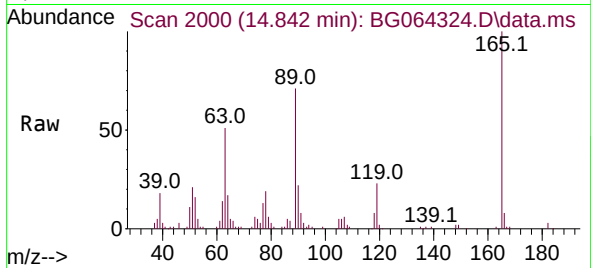
#57
2,4-Dinitrotoluene
Concen: 51.257 ng
RT: 14.842 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

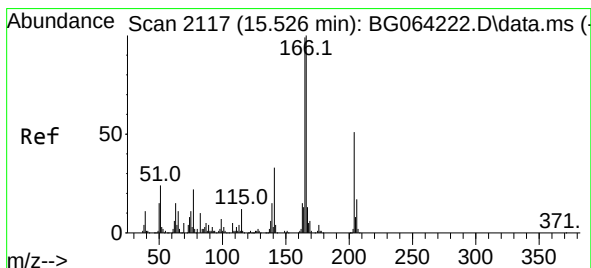
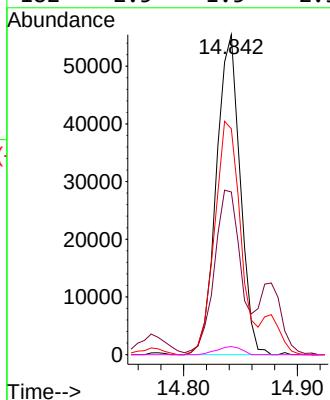
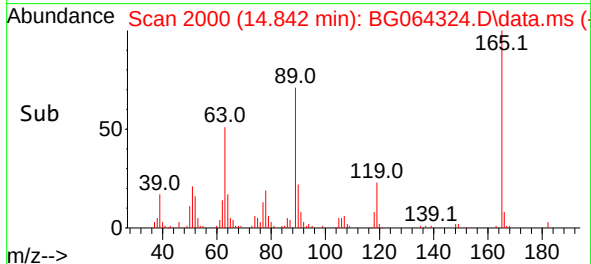


Tgt Ion:165 Resp: 80514
Ion Ratio Lower Upper
165 100
63 50.8 44.6 67.0
89 70.6 63.0 94.4
182 2.5 1.5 2.3#

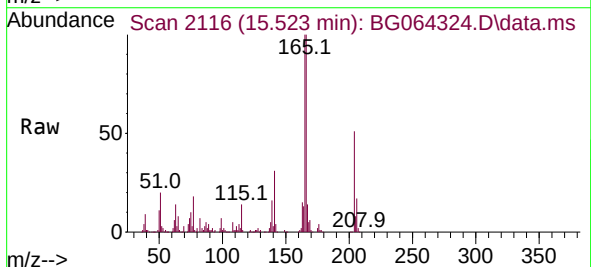
Manual Integrations

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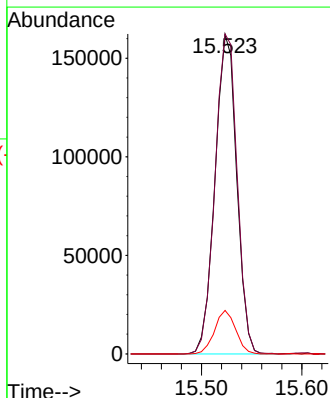
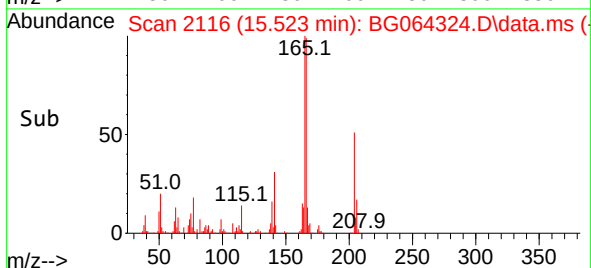
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

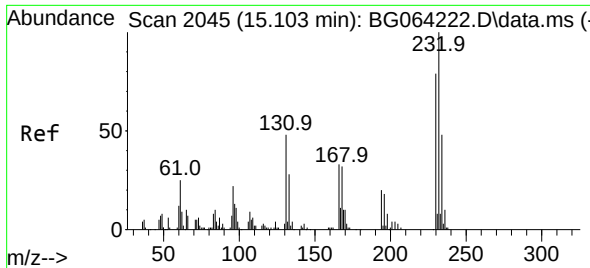


#58
Fluorene
Concen: 46.741 ng
RT: 15.523 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



Tgt Ion:166 Resp: 244030
Ion Ratio Lower Upper
166 100
165 100.2 79.1 118.7
167 13.6 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.340 ng
RT: 15.100 min Scan# 2044
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

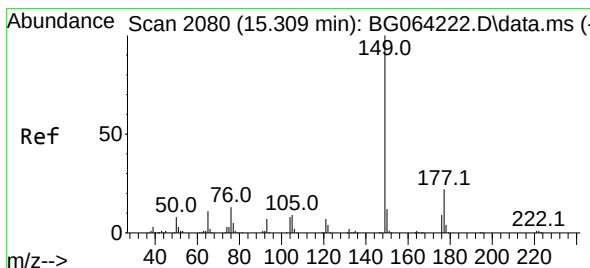
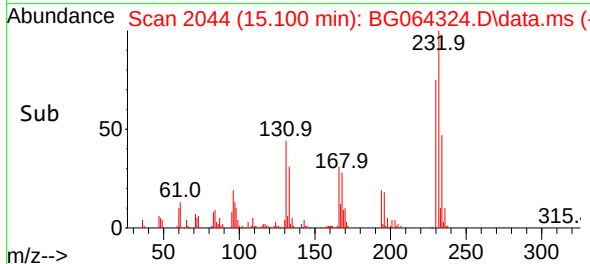
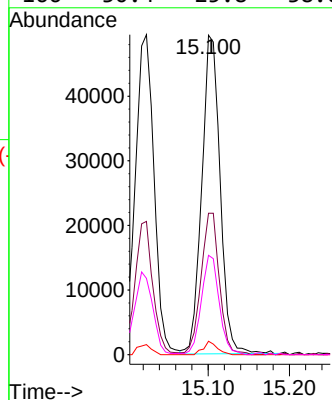
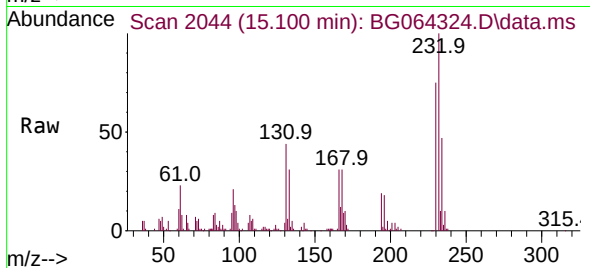
Tgt Ion:232 Resp: 77515
Ion Ratio Lower Upper
232 100
131 44.5 37.1 55.7
130 3.1 2.6 3.8
166 30.4 25.8 38.6

Manual Integrations

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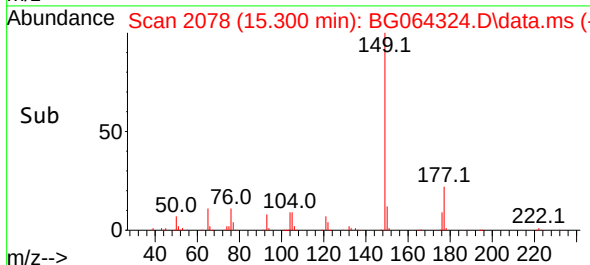
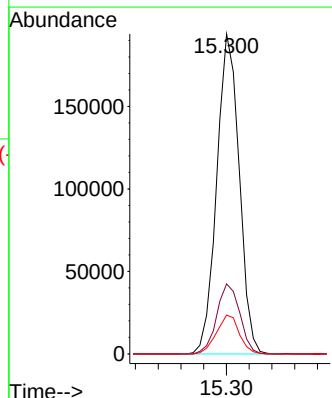
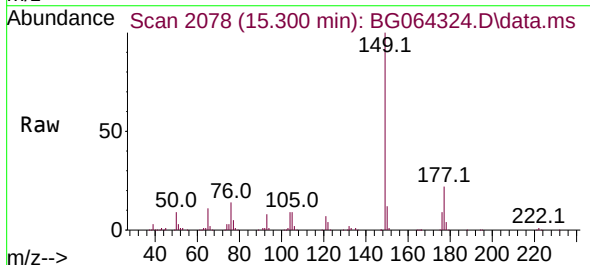
Reviewed By :Rahul Chavli 09/10/2025

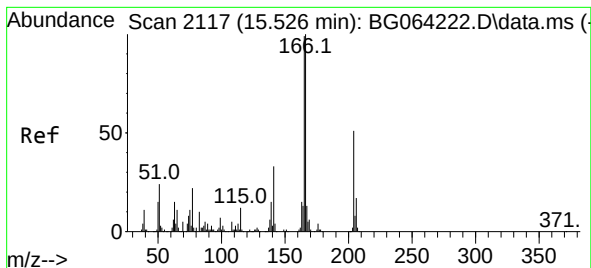
Supervised By :Jagrut Upadhyay 09/10/2025



#60
Diethylphthalate
Concen: 46.364 ng
RT: 15.300 min Scan# 2078
Delta R.T. -0.015 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

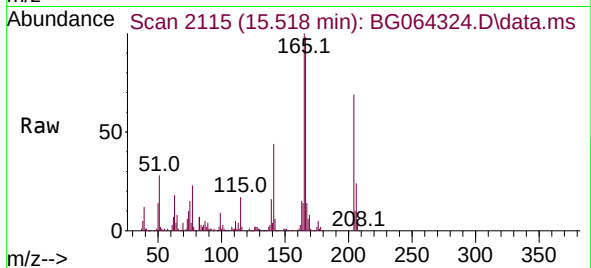
Tgt Ion:149 Resp: 266270
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.454 ng
RT: 15.518 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

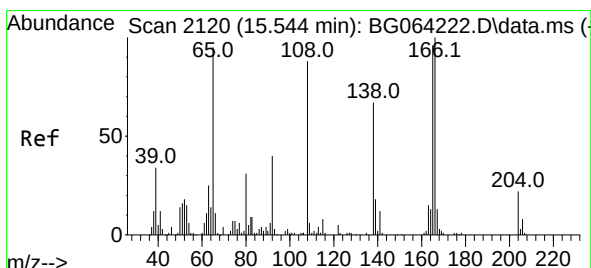
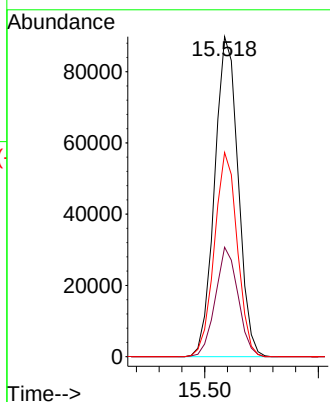
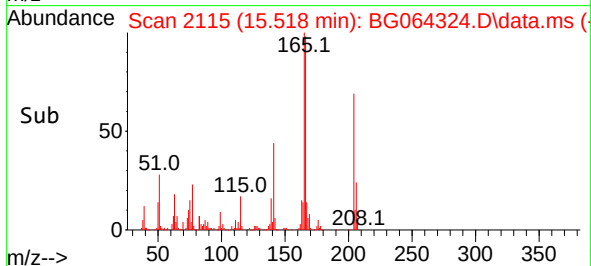
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion:204 Resp: 128732
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.4
141 63.8 51.9 77.9

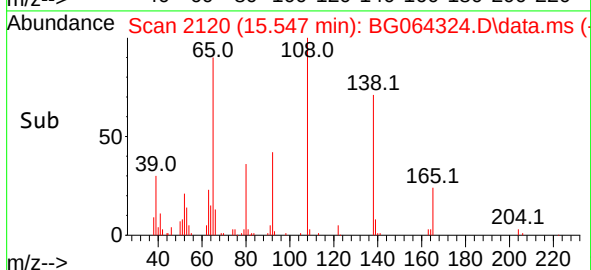
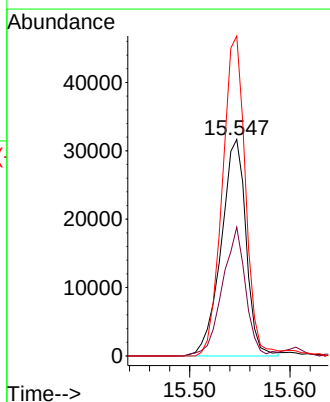
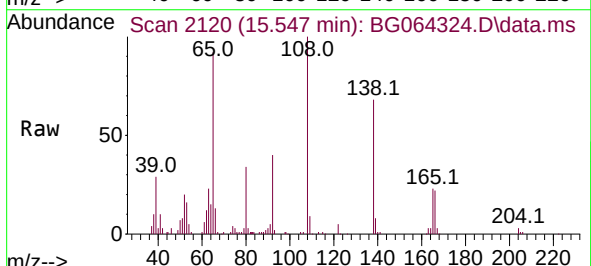
Manual Integrations
APPROVED

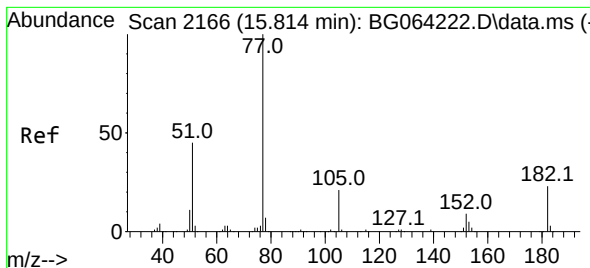
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 49.108 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:138 Resp: 54530
Ion Ratio Lower Upper
138 100
92 59.5 39.1 79.1
108 147.9 111.3 151.3





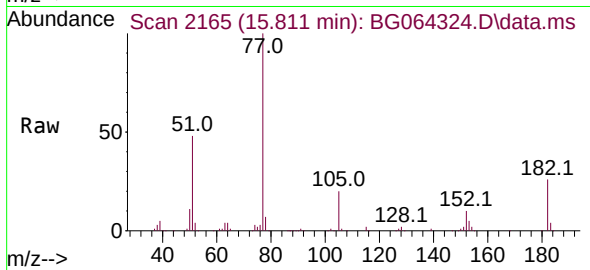
#63
Azobenzene
Concen: 43.544 ng
RT: 15.811 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS



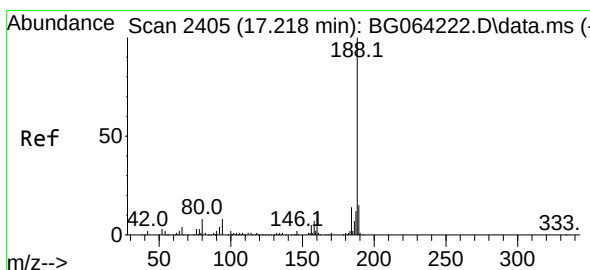
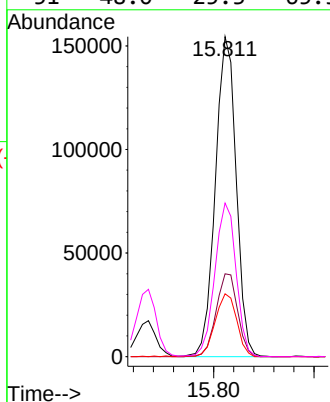
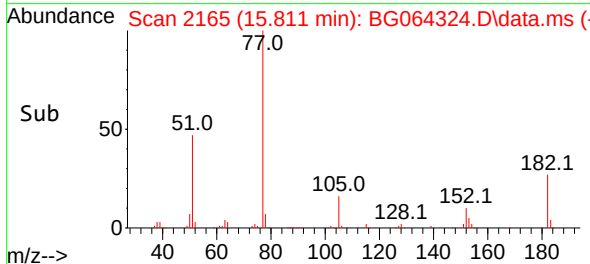
Tgt Ion: 77 Resp: 222888
Ion Ratio Lower Upper
77 100
182 25.9 3.3 43.3
105 19.6 0.6 40.6
51 48.0 25.3 65.3

Manual Integrations

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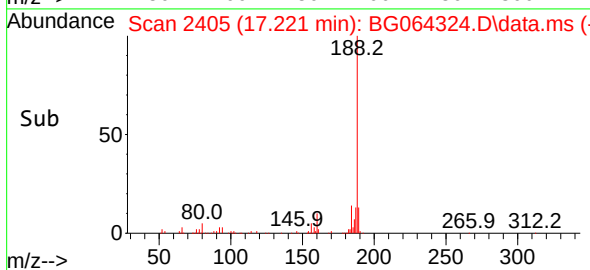
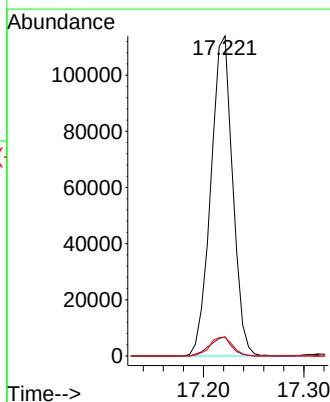
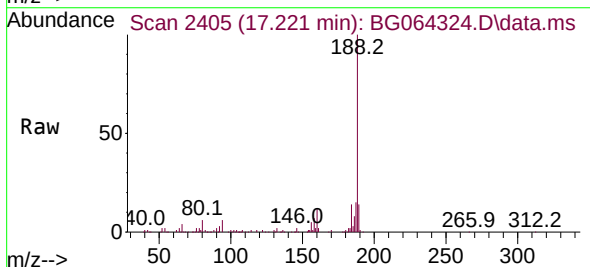
Reviewed By :Rahul Chavli 09/10/2025

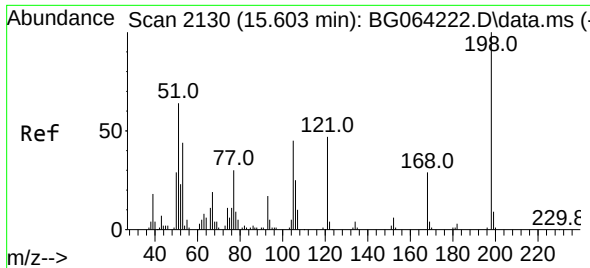
Supervised By :Jagrut Upadhyay 09/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:188 Resp: 172336
Ion Ratio Lower Upper
188 100
94 6.0 6.2 9.4#
80 5.8 6.8 10.2#





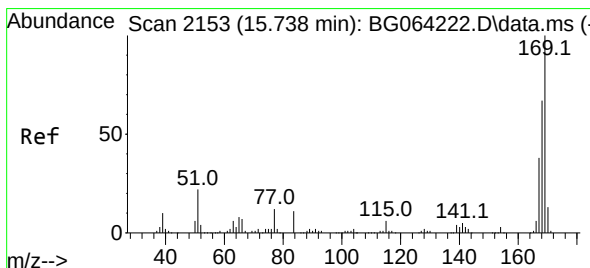
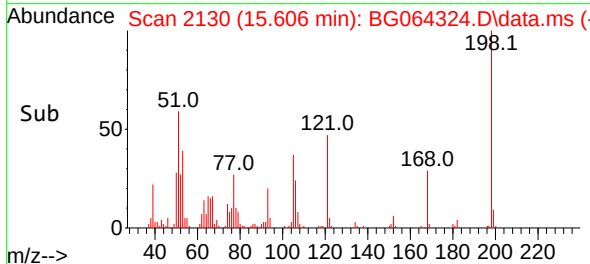
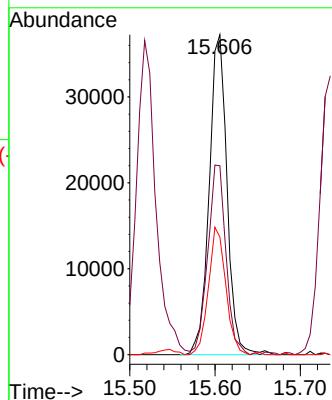
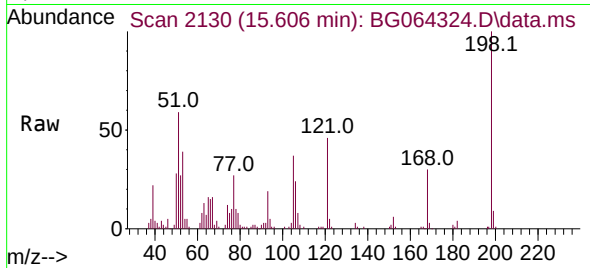
#65
4,6-Dinitro-2-methylphenol
Concen: 54.613 ng
RT: 15.606 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :
BNA_G
ClientSampleId :
PB169606BS

Tgt Ion:198 Resp: 54036
Ion Ratio Lower Upper
198 100
51 59.0 46.2 86.2
105 36.7 25.0 65.0

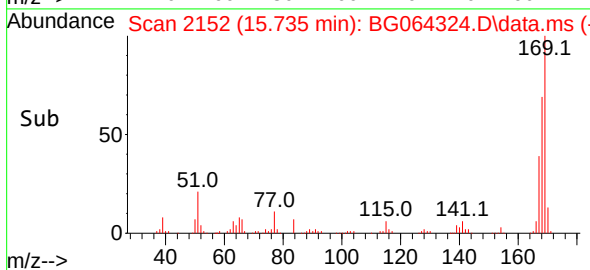
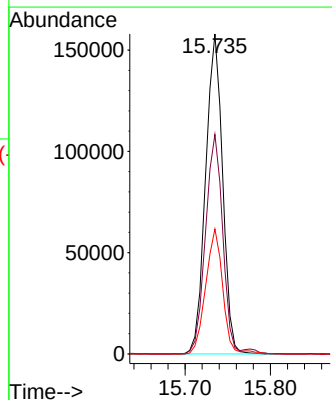
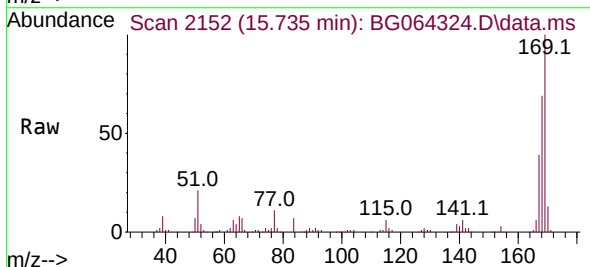
Manual Integrations
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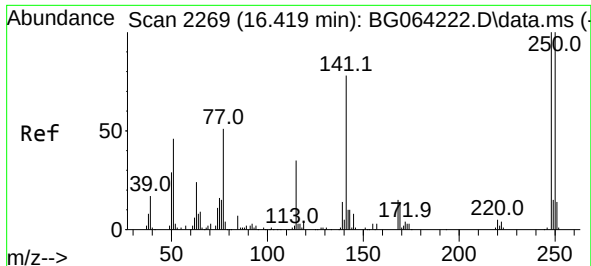
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#66
n-Nitrosodiphenylamine
Concen: 46.044 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:169 Resp: 218287
Ion Ratio Lower Upper
169 100
168 68.6 53.8 80.8
167 39.0 30.2 45.2





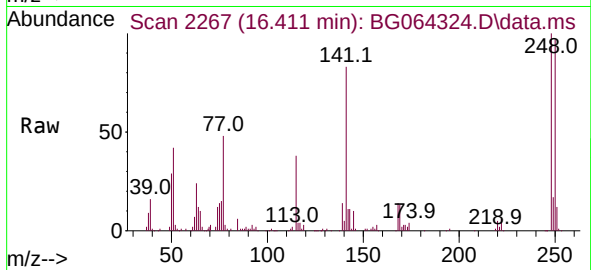
#67
4-Bromophenyl-phenylether
Concen: 48.465 ng
RT: 16.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

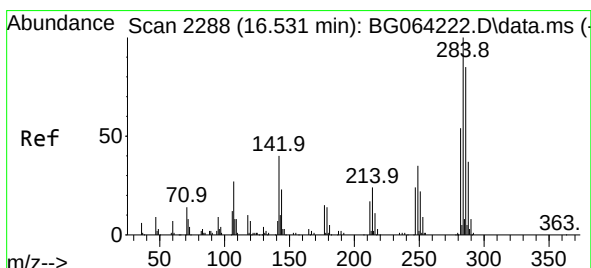
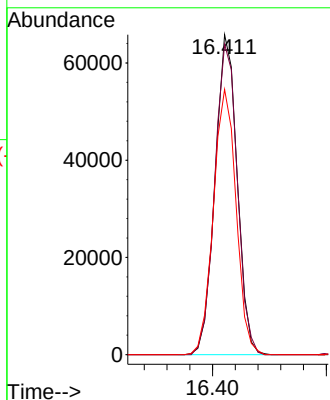
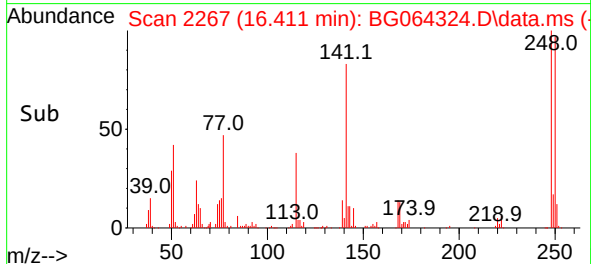


Tgt Ion:248 Resp: 88711
Ion Ratio Lower Upper
248 100
250 97.0 80.2 120.4
141 82.9 62.4 93.6

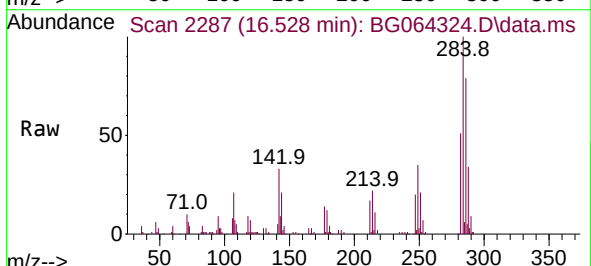
Manual Integrations

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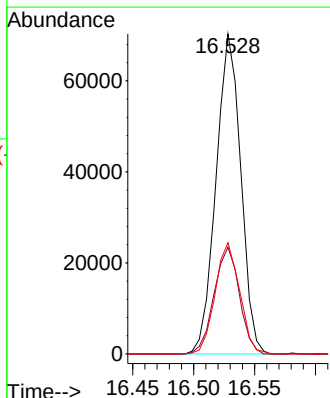
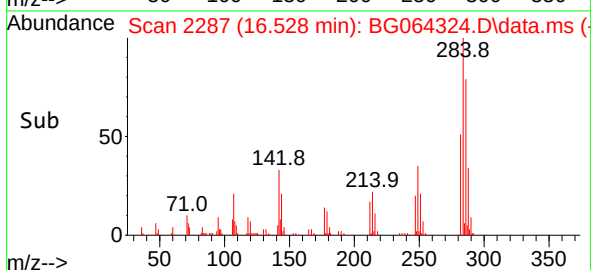
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

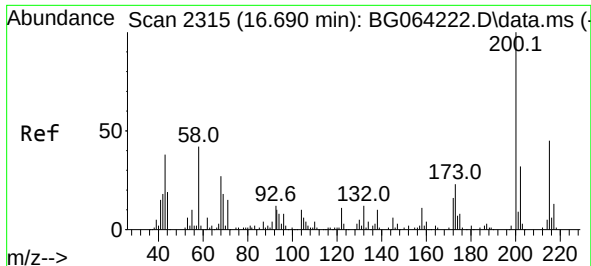


#68
Hexachlorobenzene
Concen: 48.857 ng
RT: 16.528 min Scan# 2287
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



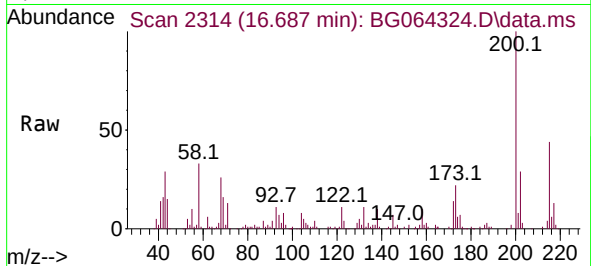
Tgt Ion:284 Resp: 99309
Ion Ratio Lower Upper
284 100
142 33.3 32.1 48.1
249 34.7 28.3 42.5





#69
 Atrazine
 Concen: 48.250 ng
 RT: 16.687 min Scan# 2314
 Delta R.T. -0.009 min
 Lab File: BG064324.D
 Acq: 9 Sep 2025 15:01

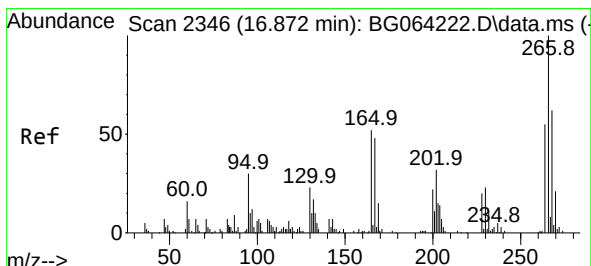
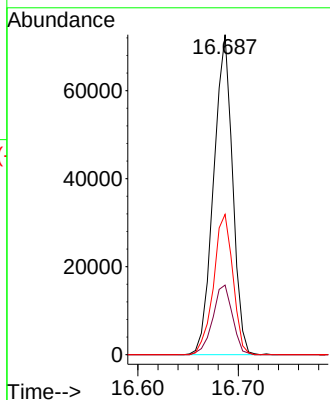
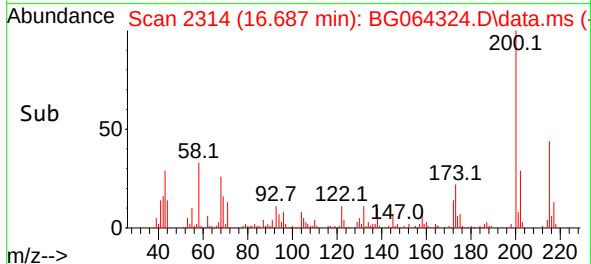
Instrument :
 BNA_G
 ClientSampleId :
 PB169606BS



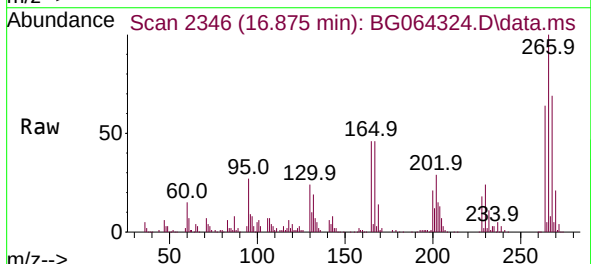
Tgt Ion:200 Resp: 95510
 Ion Ratio Lower Upper
 200 100
 173 21.7 3.5 43.5
 215 43.8 24.8 64.8

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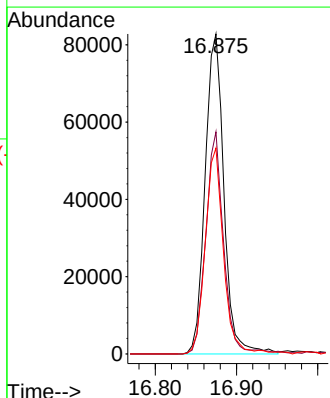
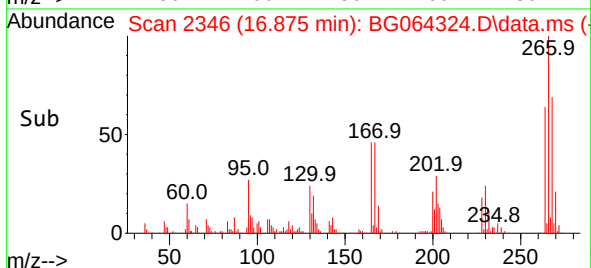
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

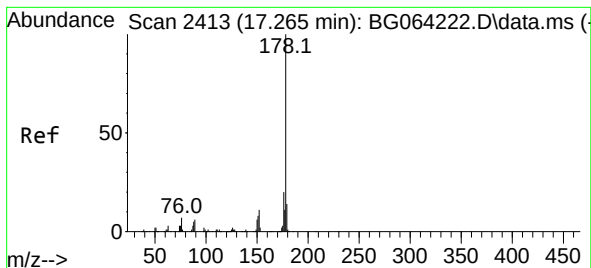


#70
 Pentachlorophenol
 Concen: 107.885 ng
 RT: 16.875 min Scan# 2346
 Delta R.T. -0.003 min
 Lab File: BG064324.D
 Acq: 9 Sep 2025 15:01



Tgt Ion:266 Resp: 132967
 Ion Ratio Lower Upper
 266 100
 268 69.4 49.4 74.0
 264 64.3 44.3 66.5





#71

Phenanthrene

Concen: 45.603 ng

RT: 17.263 min Scan# 2413

Delta R.T. -0.003 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

Tgt Ion:178 Resp: 414511

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

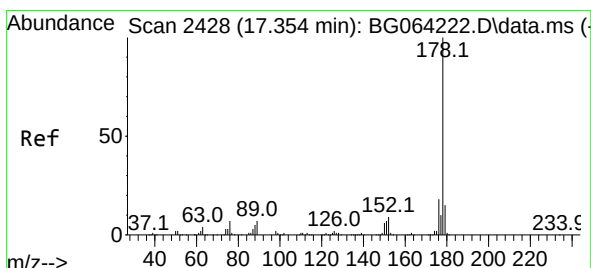
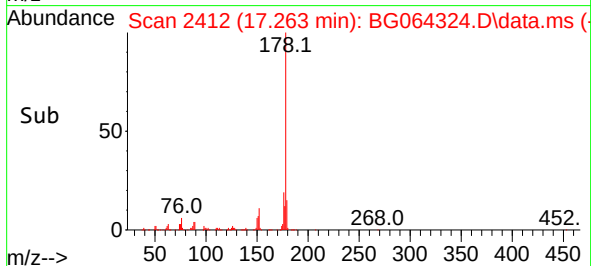
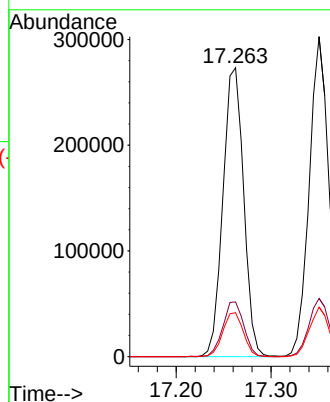
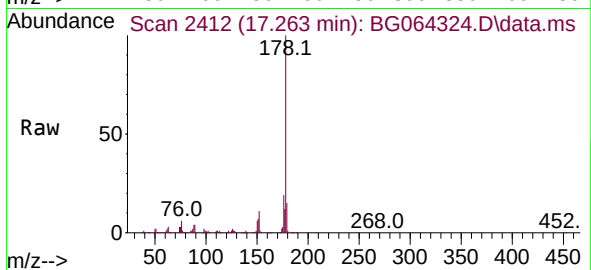
179 15.2 11.4 17.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#72

Anthracene

Concen: 46.576 ng

RT: 17.351 min Scan# 2427

Delta R.T. -0.009 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

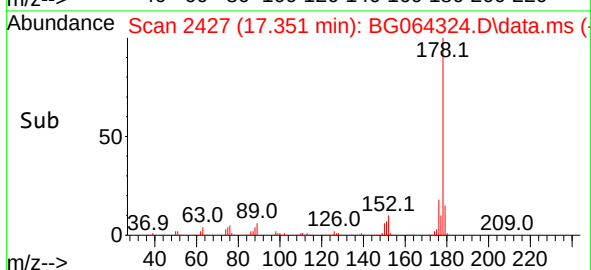
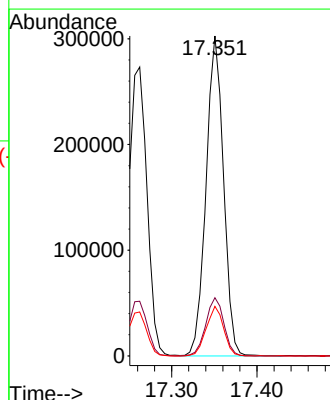
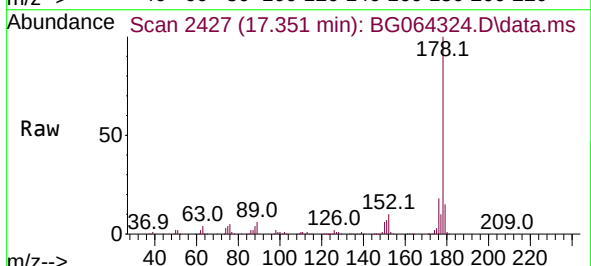
Tgt Ion:178 Resp: 430642

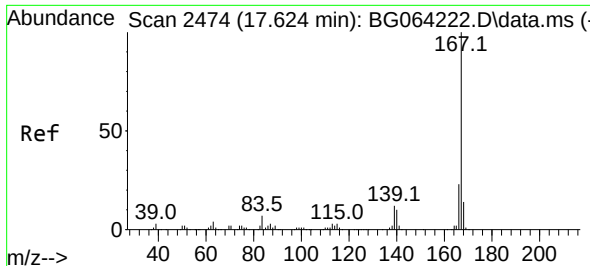
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

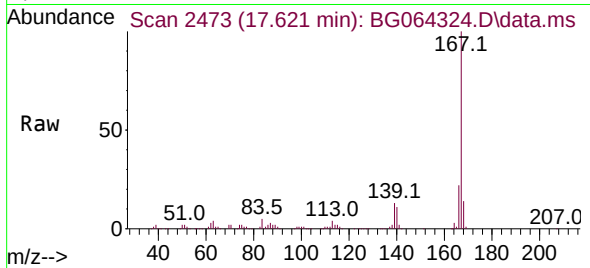
179 15.5 12.1 18.1





#73
Carbazole
Concen: 46.804 ng
RT: 17.621 min Scan# 2474
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

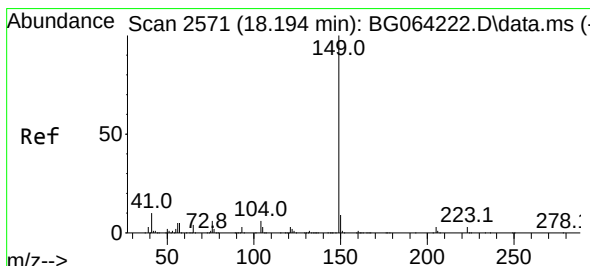
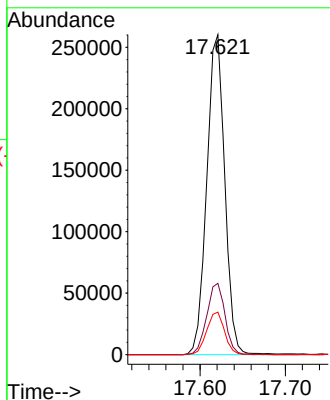
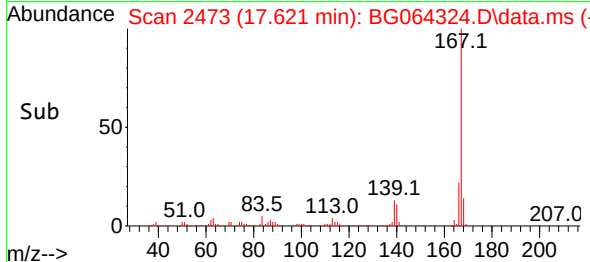
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion:167 Resp: 381229
Ion Ratio Lower Upper
167 100
166 22.3 18.2 27.2
139 13.3 9.8 14.6

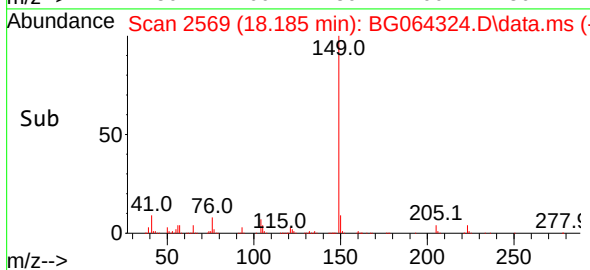
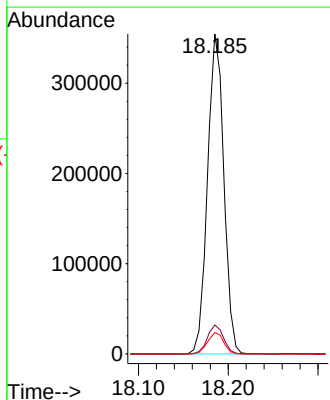
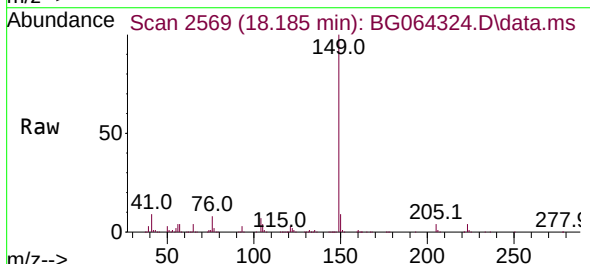
Manual Integrations
APPROVED

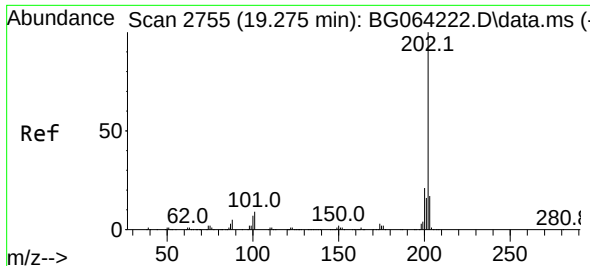
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#74
Di-n-butylphthalate
Concen: 45.592 ng
RT: 18.185 min Scan# 2569
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

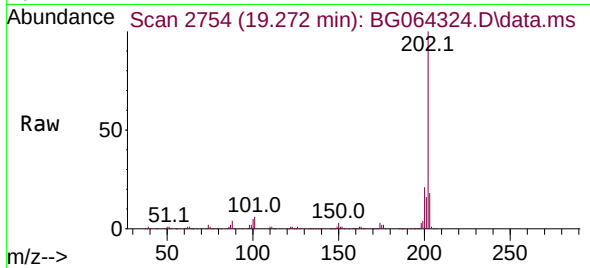
Tgt Ion:149 Resp: 446155
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 6.7 4.6 7.0





#75
Fluoranthene
Concen: 46.852 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

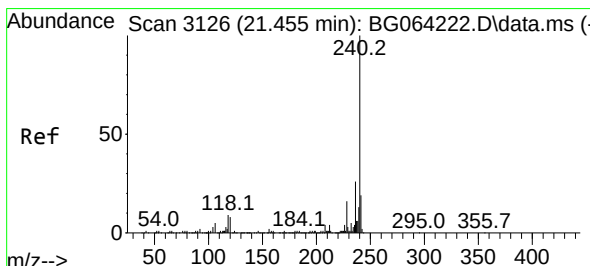
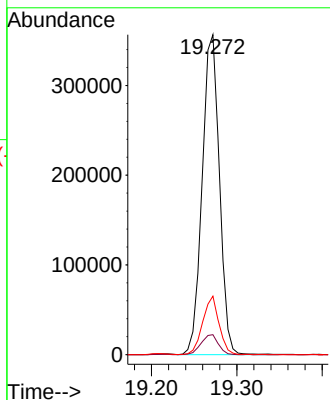
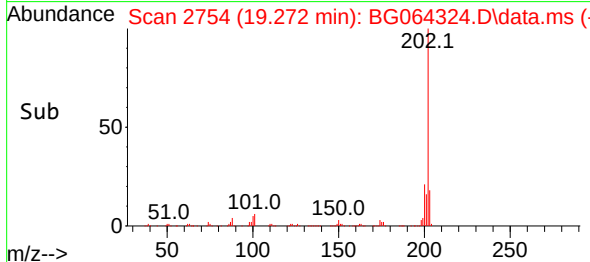
Instrument :
BNA_G
ClientSampleId :
PB169606BS



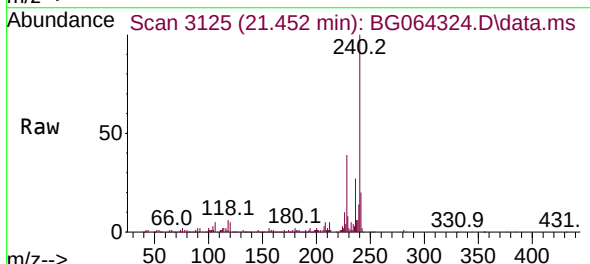
Tgt Ion:202 Resp: 500741
Ion Ratio Lower Upper
202 100
101 6.2 0.0 28.7
203 18.3 0.0 36.9

Manual Integrations
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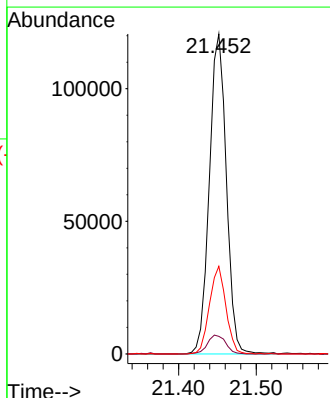
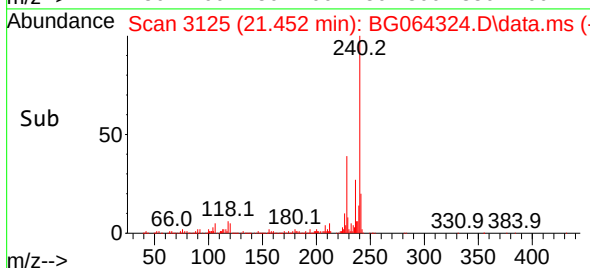
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

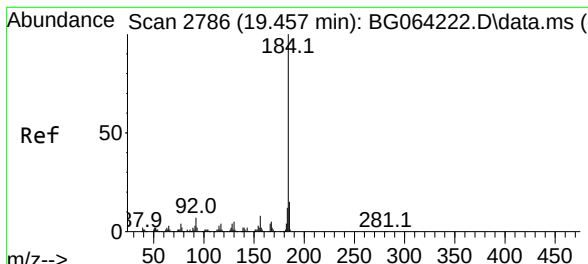


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



Tgt Ion:240 Resp: 183262
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 27.4 20.5 30.7





#77
Benzidine
Concen: 41.198 ng
RT: 19.454 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

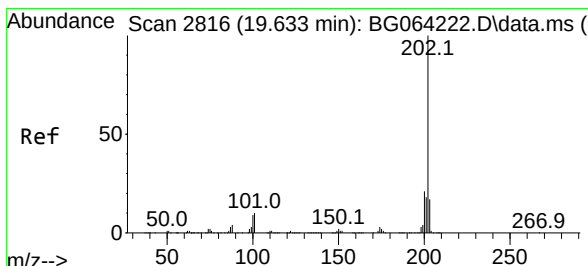
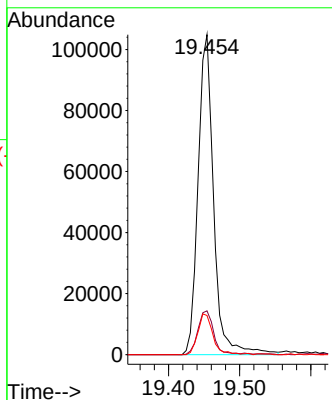
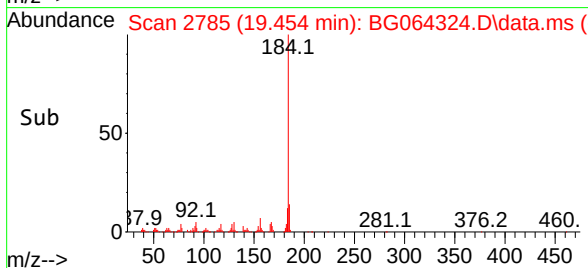
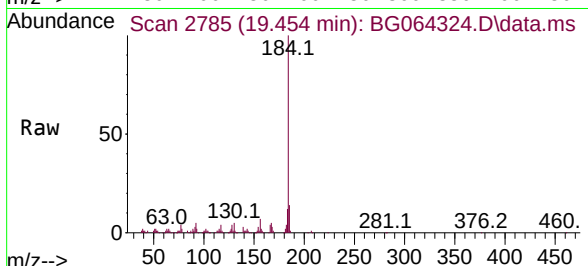
Tgt Ion:	184	Resp:	158826
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.7	17.5
183	12.2	9.7	14.5

Manual Integrations

APPROVED

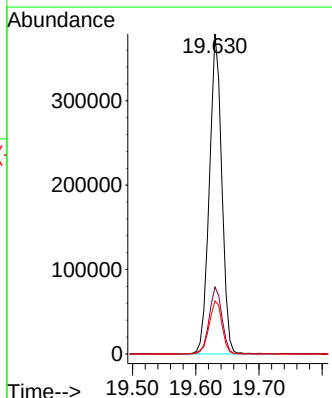
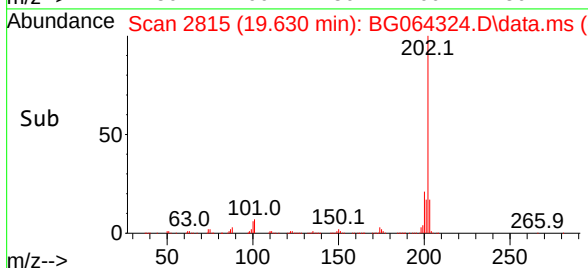
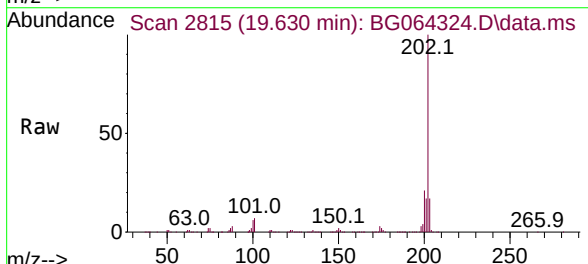
Reviewed By :Rahul Chavli 09/10/2025

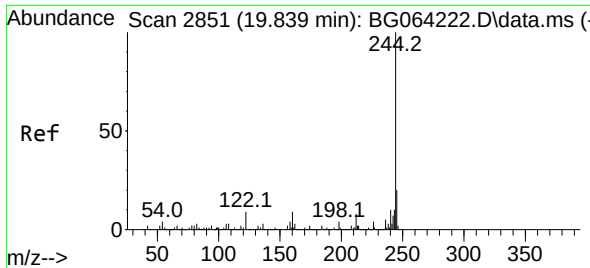
Supervised By :Jagrut Upadhyay 09/10/2025



#78
Pyrene
Concen: 44.782 ng
RT: 19.630 min Scan# 2815
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:	202	Resp:	517047
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.9	25.3
203	16.6	13.8	20.8





#79
 Terphenyl-d14
 Concen: 91.178 ng
 RT: 19.836 min Scan# 2851
 Delta R.T. -0.009 min
 Lab File: BG064324.D
 Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

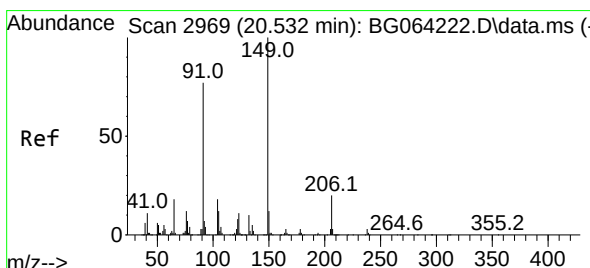
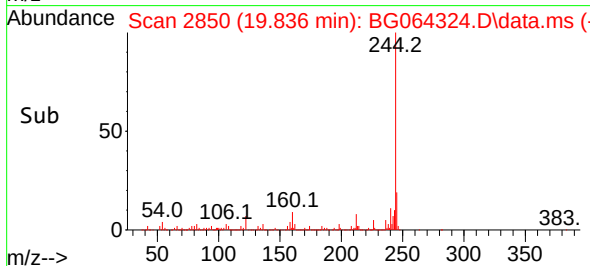
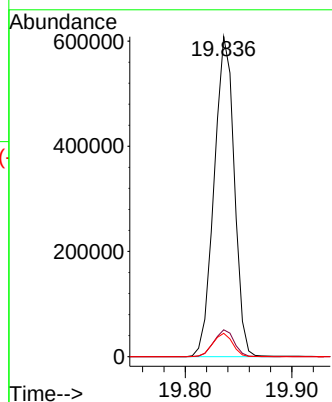
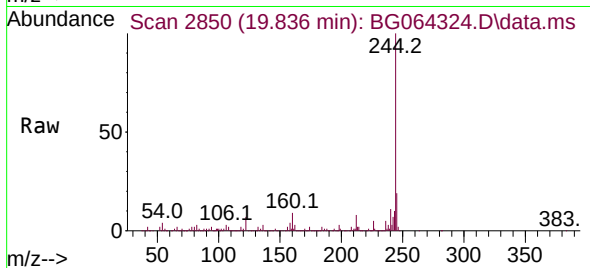
PB169606BS

Tgt Ion:244 Resp: 800893
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 7.3 7.0 10.6

Manual Integrations

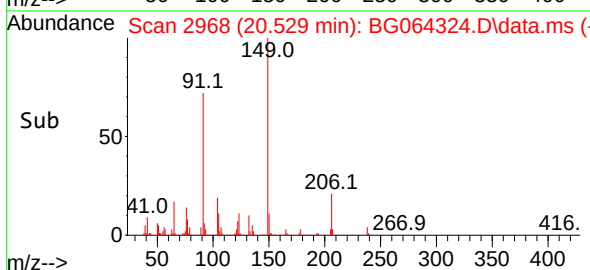
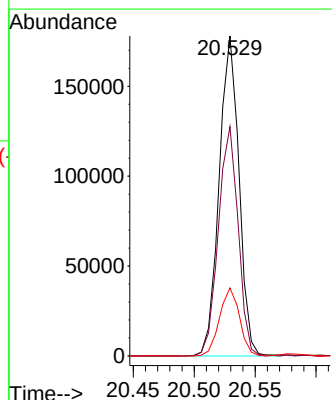
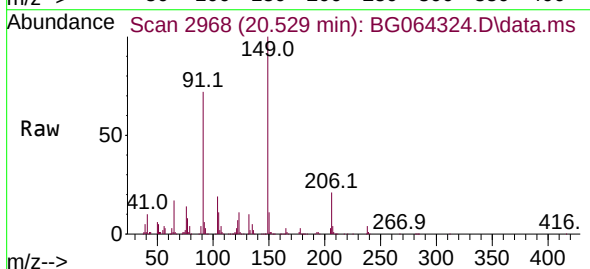
APPROVED

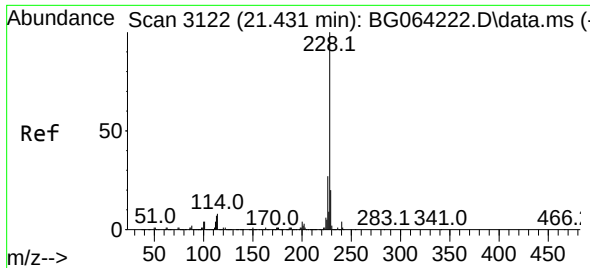
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#80
 Butylbenzylphthalate
 Concen: 46.170 ng
 RT: 20.529 min Scan# 2968
 Delta R.T. -0.003 min
 Lab File: BG064324.D
 Acq: 9 Sep 2025 15:01

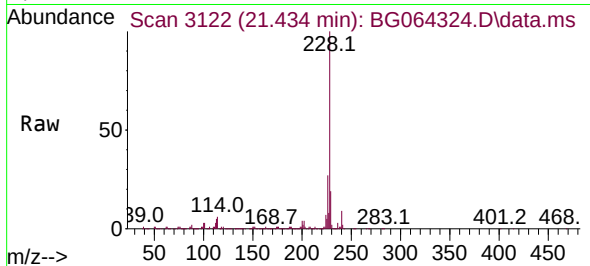
Tgt Ion:149 Resp: 201058
 Ion Ratio Lower Upper
 149 100
 91 71.6 61.4 92.0
 206 21.3 15.8 23.6





#81
Benzo(a)anthracene
Concen: 46.103 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

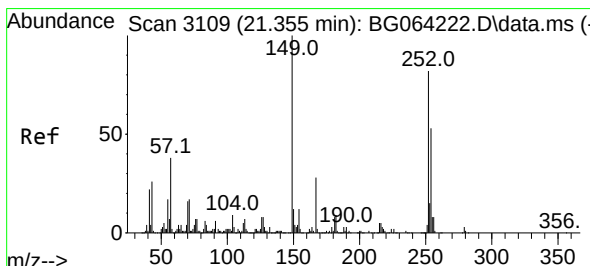
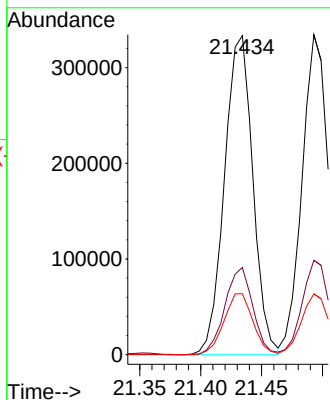
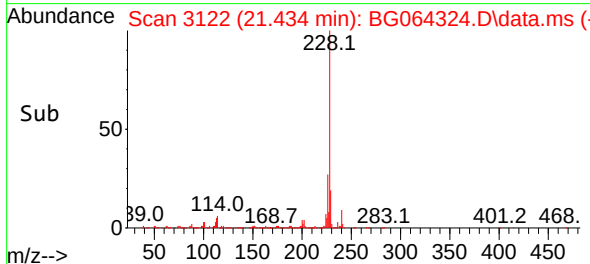
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion:228 Resp: 540522
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.1 15.9 23.9

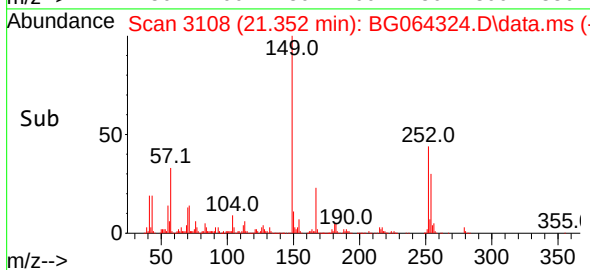
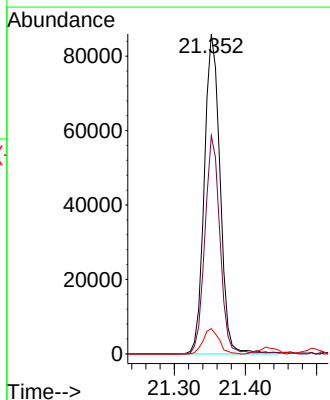
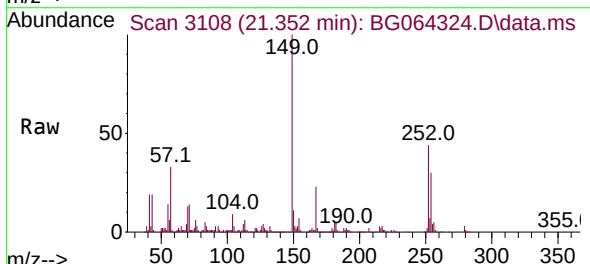
Manual Integrations
APPROVED

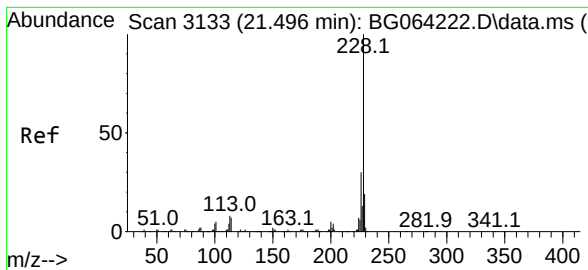
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 34.505 ng
RT: 21.352 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Tgt Ion:252 Resp: 131753
Ion Ratio Lower Upper
252 100
254 68.2 51.9 77.9
126 7.9 7.6 11.4





#83

Chrysene

Concen: 44.932 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

PB169606BS

Tgt Ion:228 Resp: 505742

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.2

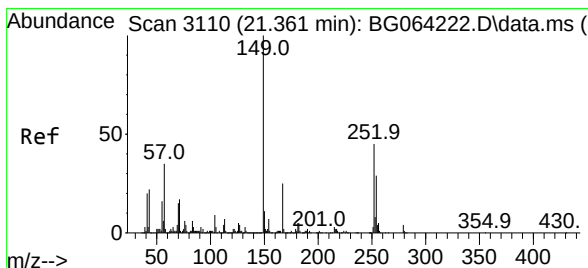
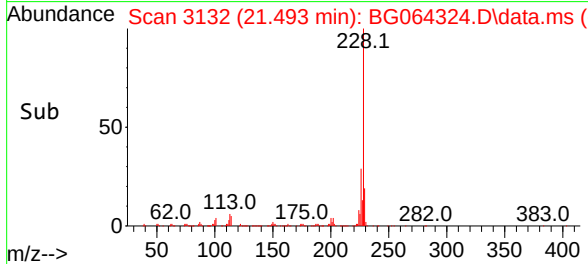
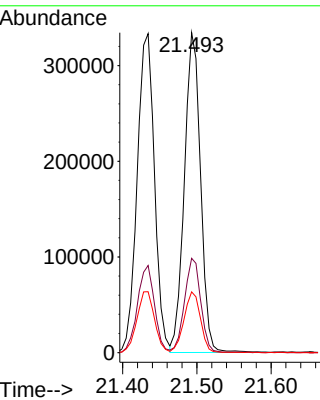
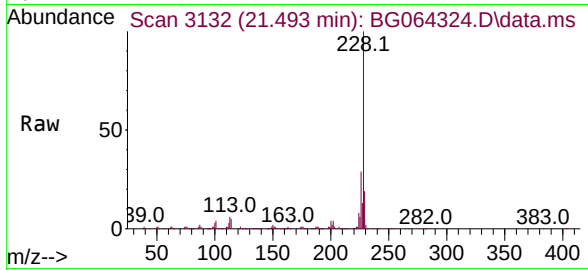
229 19.0 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.851 ng

RT: 21.358 min Scan# 3109

Delta R.T. -0.009 min

Lab File: BG064324.D

Acq: 9 Sep 2025 15:01

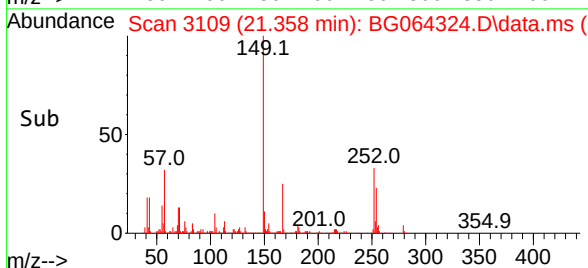
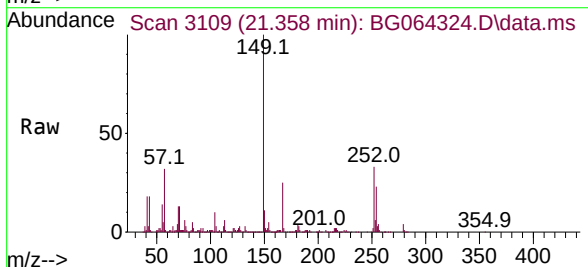
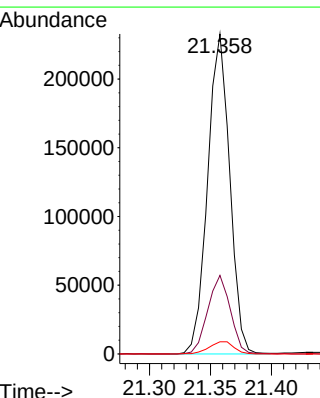
Tgt Ion:149 Resp: 293239

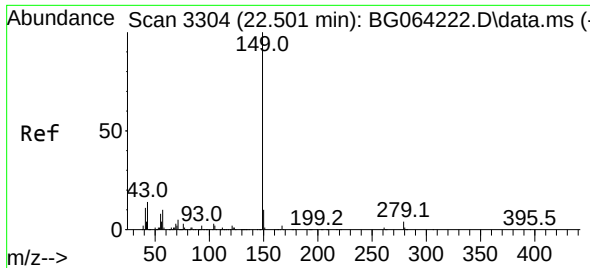
Ion Ratio Lower Upper

149 100

167 24.5 20.0 30.0

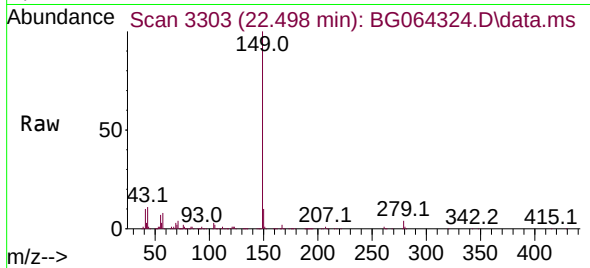
279 3.8 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 44.367 ng
RT: 22.498 min Scan# 3304
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

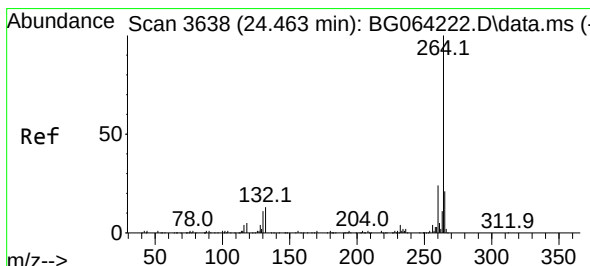
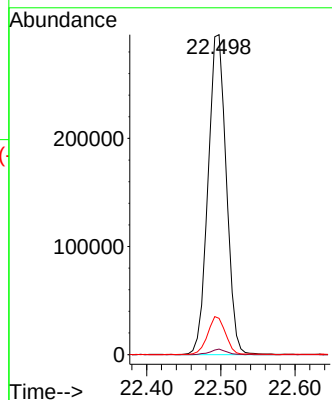
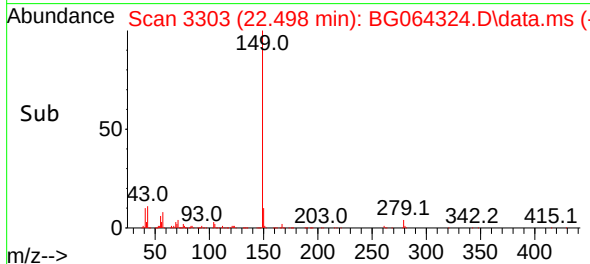
Instrument :
BNA_G
ClientSampleId :
PB169606BS



Tgt Ion:149 Resp: 505428
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.9 10.8 16.2

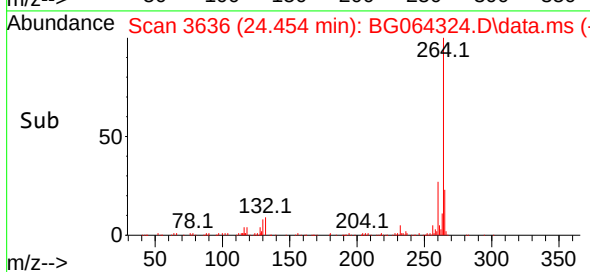
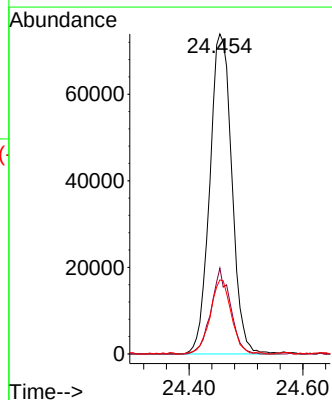
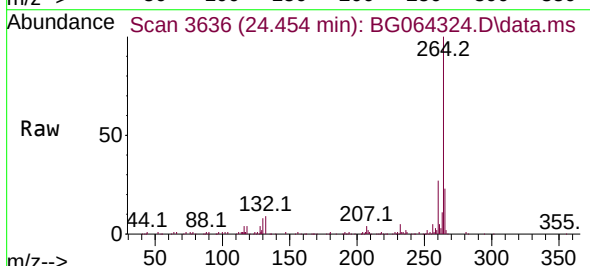
Manual Integrations
APPROVED

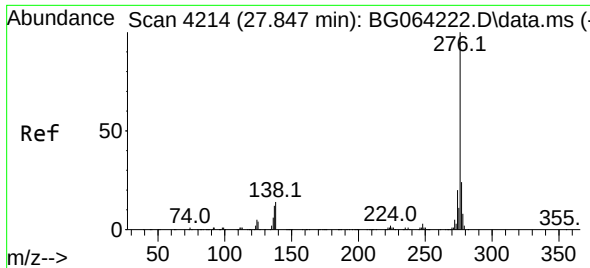
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

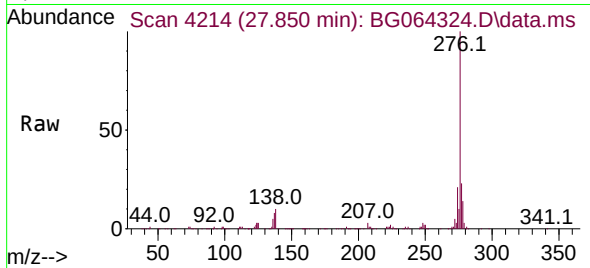
Tgt Ion:264 Resp: 199449
Ion Ratio Lower Upper
264 100
260 26.8 18.9 28.3
265 23.1 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.778 ng
RT: 27.850 min Scan# 4214
Delta R.T. -0.021 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

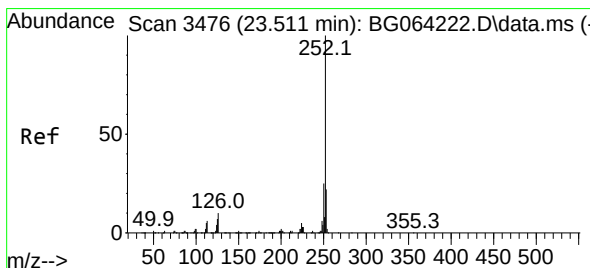
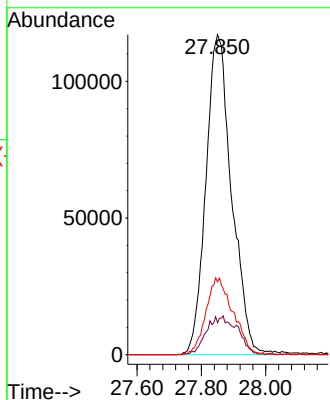
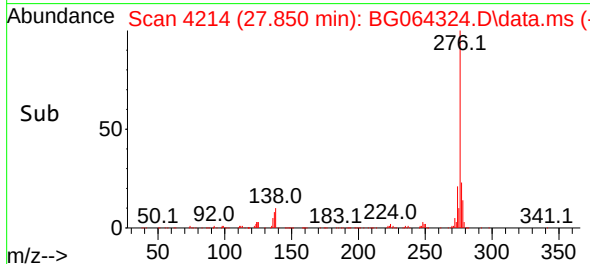
Instrument :
BNA_G
ClientSampleId :
PB169606BS



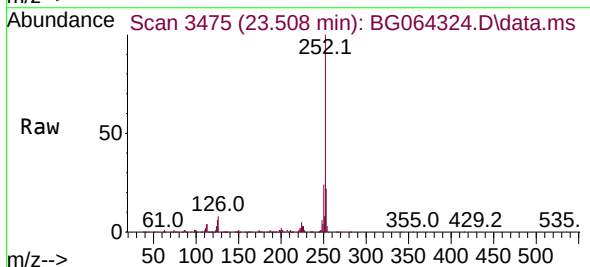
Tgt Ion:276 Resp: 650768
Ion Ratio Lower Upper
276 100
138 5.7 7.4 11.0
277 25.3 20.5 30.7

Manual Integrations
APPROVED

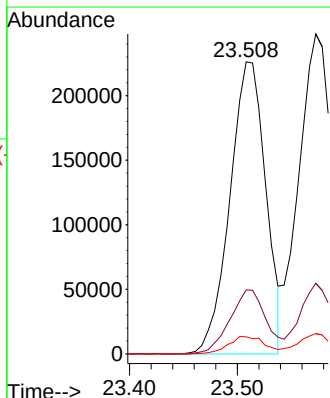
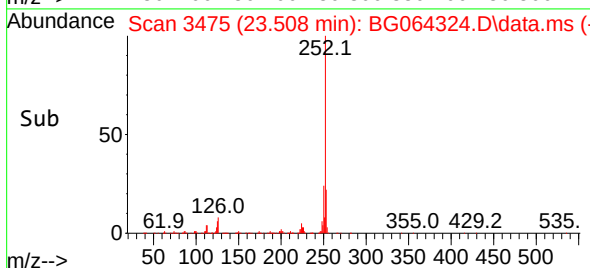
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

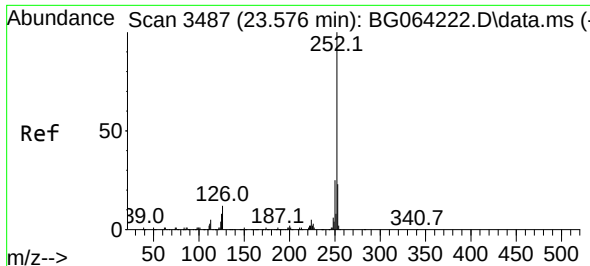


#88
Benzo(b)fluoranthene
Concen: 46.364 ng m
RT: 23.508 min Scan# 3475
Delta R.T. -0.009 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



Tgt Ion:252 Resp: 521902
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 5.8 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 48.030 ng
RT: 23.573 min Scan# 3487
Delta R.T. -0.015 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

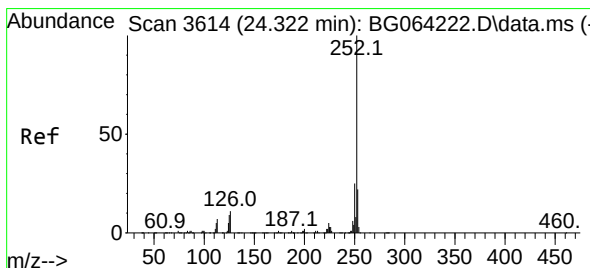
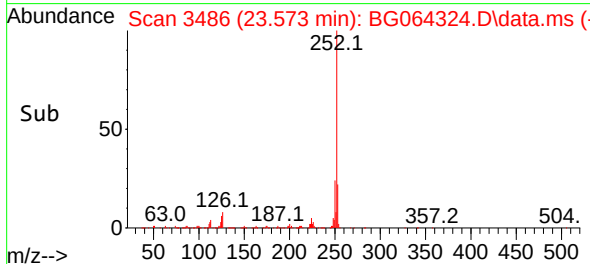
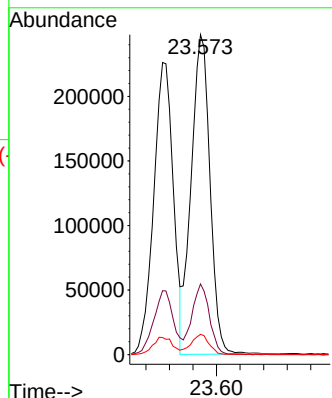
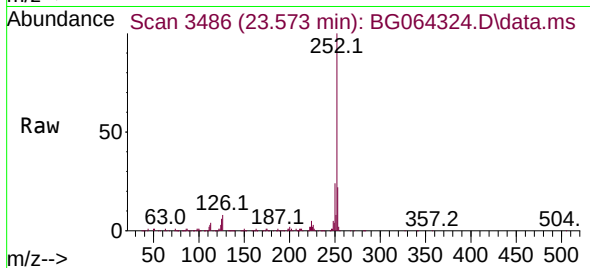
PB169606BS

Tgt Ion:252 Resp: 550802
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 6.3 7.0 10.4

Manual Integrations

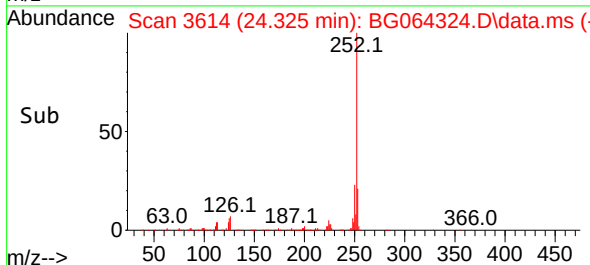
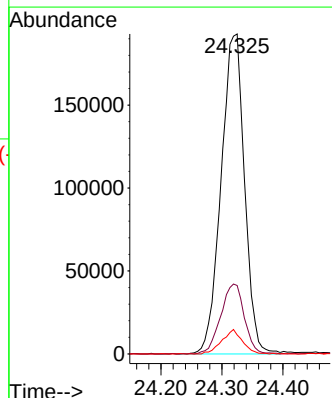
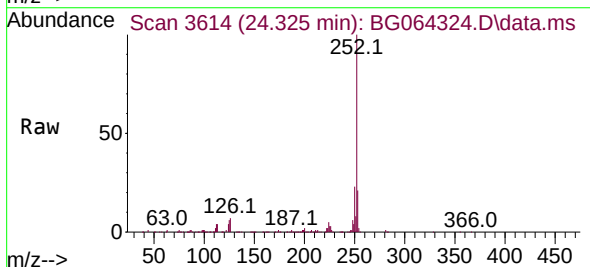
APPROVED

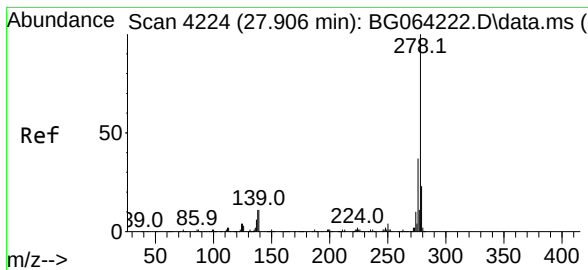
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#90
Benzo(a)pyrene
Concen: 49.099 ng
RT: 24.325 min Scan# 3614
Delta R.T. -0.003 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

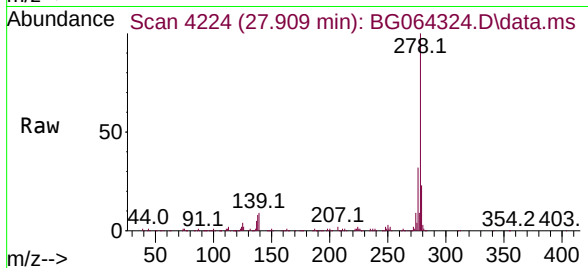
Tgt Ion:252 Resp: 514130
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 5.9 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 48.886 ng
RT: 27.909 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01

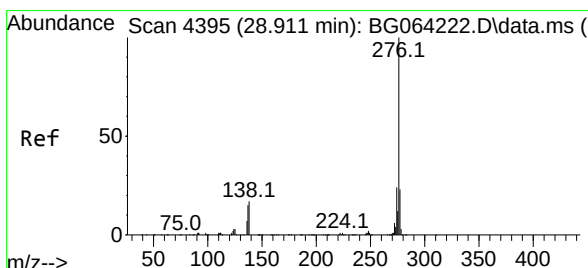
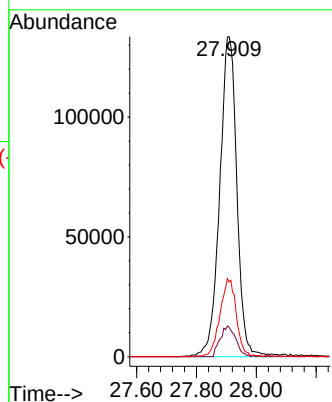
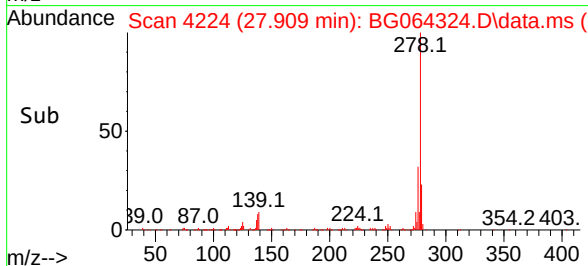
Instrument :
BNA_G
ClientSampleId :
PB169606BS



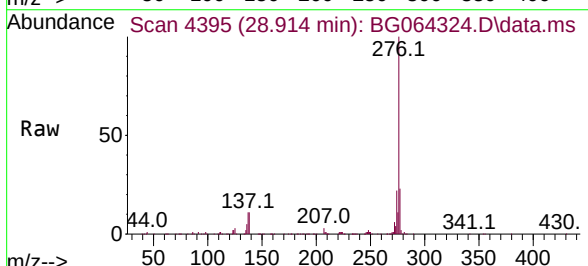
Tgt Ion:278 Resp: 534624
Ion Ratio Lower Upper
278 100
139 9.1 9.0 13.4
279 23.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#92
Benzo(g,h,i)perylene
Concen: 48.741 ng
RT: 28.914 min Scan# 4395
Delta R.T. -0.021 min
Lab File: BG064324.D
Acq: 9 Sep 2025 15:01



Tgt Ion:276 Resp: 518675
Ion Ratio Lower Upper
276 100
277 22.6 18.2 27.4
138 11.1 13.3 19.9#

