

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
 Data File : BG064321.D
 Acq On : 9 Sep 2025 13:00
 Operator : RC/JU
 Sample : PB169604BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB169604BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 13:37:02 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	20961	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	89648	20.000	ng	# 0.00
39) Acenaphthene-d10	14.477	164	70385	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	180400	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	191478	20.000	ng	# 0.00
86) Perylene-d12	24.460	264	206677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	149137	127.649	ng	0.00
7) Phenol-d6	7.027	99	200839	125.126	ng	0.00
23) Nitrobenzene-d5	9.001	82	142844	88.864	ng	-0.02
42) 2,4,6-Tribromophenol	15.964	330	151512	162.517	ng	0.00
45) 2-Fluorobiphenyl	13.096	172	380857	82.592	ng	-0.02
79) Terphenyl-d14	19.836	244	812695	88.551	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	14237	29.236	ng	95
3) Pyridine	3.737	79	41853	29.197	ng	# 62
4) n-Nitrosodimethylamine	3.655	42	38002	40.080	ng	95
6) Aniline	7.174	93	64404	29.016	ng	95
8) 2-Chlorophenol	7.421	128	60856	42.626	ng	97
9) Benzaldehyde	6.986	77	32274	24.433	ng	99
10) Phenol	7.051	94	70745	39.977	ng	85
11) bis(2-Chloroethyl)ether	7.274	93	46137	34.695	ng	96
12) 1,3-Dichlorobenzene	7.738	146	64043	42.166	ng	96
13) 1,4-Dichlorobenzene	7.885	146	64781	42.261	ng	98
14) 1,2-Dichlorobenzene	8.202	146	62453	42.215	ng	97
15) Benzyl Alcohol	8.085	79	62349	42.093	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.373	45	87503	28.821	ng	97
17) 2-Methylphenol	8.290	107	51460	39.018	ng	95
18) Hexachloroethane	8.931	117	24130	40.327	ng	# 82
19) n-Nitroso-di-n-propyla...	8.655	70	43806	35.660	ng	# 96
20) 3+4-Methylphenols	8.619	107	71045	38.768	ng	95
22) Acetophenone	8.666	105	98215	43.305	ng	# 98
24) Nitrobenzene	9.042	77	70540	42.001	ng	97
25) Isophorone	9.565	82	126280	37.799	ng	96
26) 2-Nitrophenol	9.753	139	32891	45.323	ng	# 87
27) 2,4-Dimethylphenol	9.818	122	60567	47.537	ng	93
28) bis(2-Chloroethoxy)met...	10.053	93	68697	38.136	ng	96
29) 2,4-Dichlorophenol	10.288	162	61582	45.809	ng	95
30) 1,2,4-Trichlorobenzene	10.505	180	65384	46.128	ng	98
31) Naphthalene	10.688	128	188741	40.601	ng	99
32) Benzoic acid	9.971	122	45668	45.155	ng	88
33) 4-Chloroaniline	10.793	127	41766	23.181	ng	97
34) Hexachlorobutadiene	10.981	225	50702	48.390	ng	91
35) Caprolactam	11.563	113	23200m	44.570	ng	
36) 4-Chloro-3-methylphenol	11.921	107	80212	45.987	ng	93
37) 2-Methylnaphthalene	12.297	142	130693	37.823	ng	94
38) 1-Methylnaphthalene	12.515	142	139554m	40.889	ng	
40) 1,2,4,5-Tetrachloroben...	12.668	216	91415	45.014	ng	98
41) Hexachlorocyclopentadiene	12.650	237	126693	131.263	ng	96
43) 2,4,6-Trichlorophenol	12.908	196	60815	44.803	ng	97

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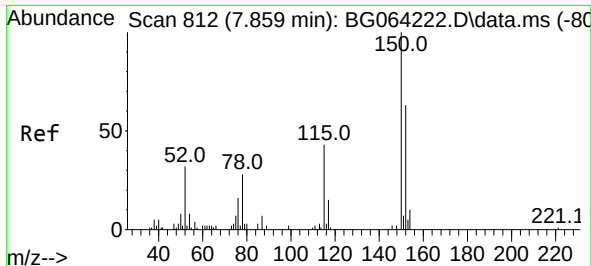
Manual Integrations
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 Supervised By :Jagrut Upadhyay 09/10/2025

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 Response via : Initial Calibration

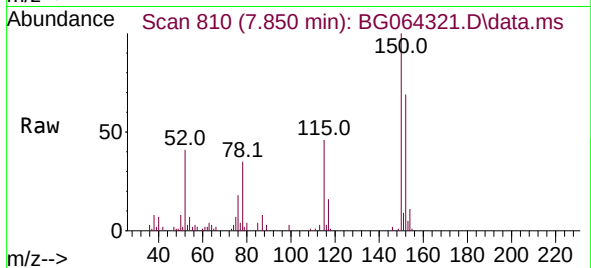
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	68251	46.352	ng	97
46) 1,1'-Biphenyl	13.314	154	219315	42.781	ng	98
47) 2-Chloronaphthalene	13.349	162	153781	39.901	ng	99
48) 2-Nitroaniline	13.549	65	59873	45.579	ng	89
49) Acenaphthylene	14.201	152	263499	46.251	ng	98
50) Dimethylphthalate	13.937	163	229134	43.009	ng	100
51) 2,6-Dinitrotoluene	14.048	165	46795	45.371	ng	89
52) Acenaphthene	14.542	154	158427	39.405	ng	99
53) 3-Nitroaniline	14.377	138	34181	31.638	ng	93
54) 2,4-Dinitrophenol	14.589	184	64478	94.577	ng	# 77
55) Dibenzofuran	14.877	168	261956	41.423	ng	98
56) 4-Nitrophenol	14.700	139	80003	90.274	ng	# 89
57) 2,4-Dinitrotoluene	14.836	165	77348	49.599	ng	# 99
58) Fluorene	15.523	166	223373	43.095	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.100	232	72202	50.983	ng	96
60) Diethylphthalate	15.306	149	249991	43.846	ng	99
61) 4-Chlorophenyl-phenyle...	15.523	204	115145	44.555	ng	96
62) 4-Nitroaniline	15.547	138	51824	47.009	ng	94
63) Azobenzene	15.811	77	206812	40.697	ng	94
65) 4,6-Dinitro-2-methylph...	15.605	198	49379	47.675	ng	89
66) n-Nitrosodiphenylamine	15.735	169	201840	40.672	ng	97
67) 4-Bromophenyl-phenylether	16.410	248	84156	43.921	ng	92
68) Hexachlorobenzene	16.528	284	92746	43.588	ng	96
69) Atrazine	16.686	200	92498	44.639	ng	94
70) Pentachlorophenol	16.874	266	123191	95.485	ng	90
71) Phenanthrene	17.262	178	391485	41.144	ng	98
72) Anthracene	17.350	178	403217	41.660	ng	100
73) Carbazole	17.621	167	356359	41.795	ng	98
74) Di-n-butylphthalate	18.185	149	430904	42.065	ng	# 97
75) Fluoranthene	19.272	202	478536	42.773	ng	96
77) Benzidine	19.454	184	156448	38.840	ng	98
78) Pyrene	19.630	202	490145	40.631	ng	100
80) Butylbenzylphthalate	20.529	149	192215	42.245	ng	95
81) Benzo(a)anthracene	21.434	228	503168	41.075	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	106602	26.720	ng	95
83) Chrysene	21.492	228	478345	40.674	ng	98
84) Bis(2-ethylhexyl)phtha...	21.357	149	278616	40.786	ng	# 98
85) Di-n-octyl phthalate	22.497	149	478502	40.201	ng	97
87) Indeno(1,2,3-cd)pyrene	27.856	276	612735	43.413	ng	99
88) Benzo(b)fluoranthene	23.514	252	508914	43.629	ng	98
89) Benzo(k)fluoranthene	23.578	252	512127	43.095	ng	# 95
90) Benzo(a)pyrene	24.324	252	479058	44.150	ng	# 95
91) Dibenzo(a,h)anthracene	27.909	278	500626	44.176	ng	98
92) Benzo(g,h,i)perylene	28.907	276	493045	44.712	ng	# 95

(#) = 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: BG064321.D
Acq: 9 Sep 2025 13:00

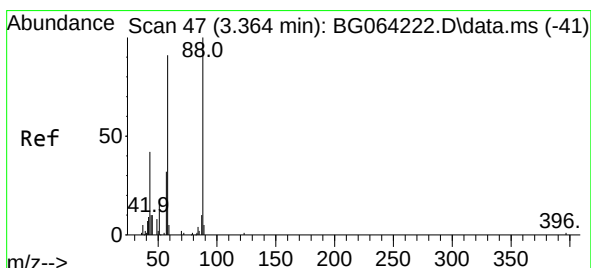
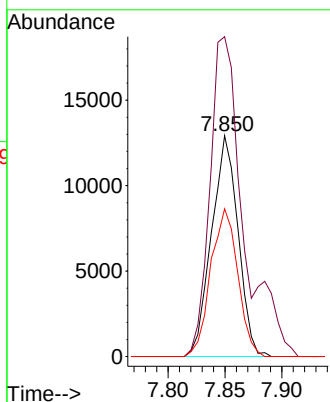
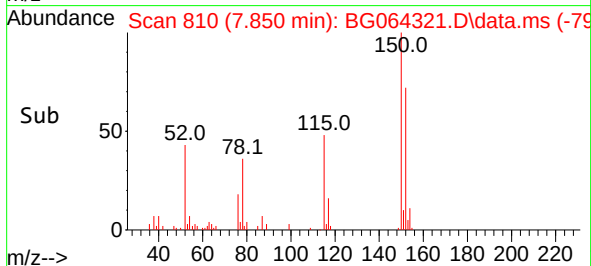
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion:152 Resp: 2096
Ion Ratio Lower Upper
152 100
150 144.8 128.0 192.0
115 66.9 55.7 83.5

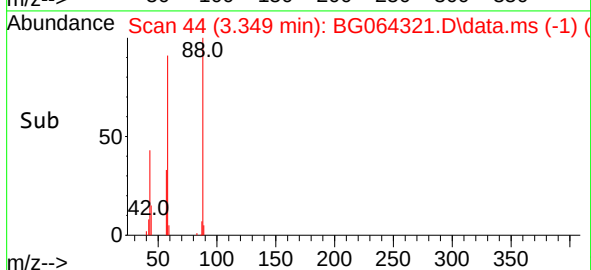
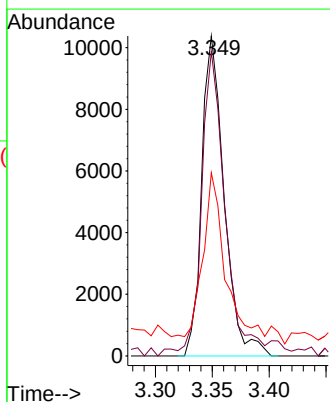
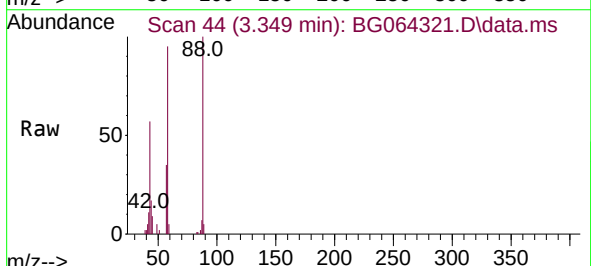
Manual Integrations
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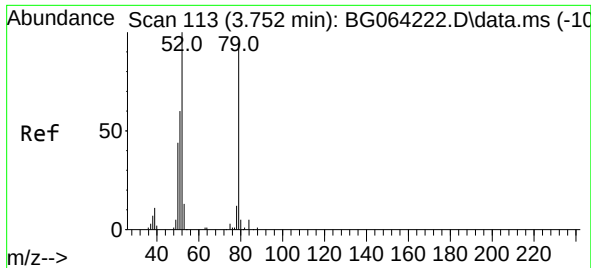
Reviewed By :Rahul Chavli 09/10/2025
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#2
1,4-Dioxane
Concen: 29.236 ng
RT: 3.349 min Scan# 44
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

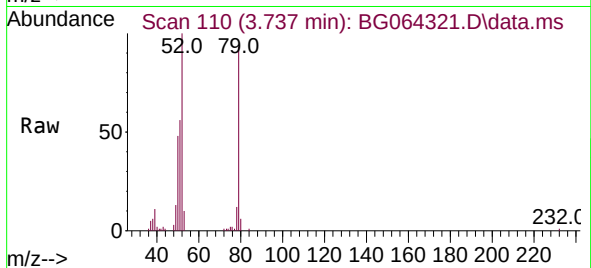
Tgt Ion: 88 Resp: 14237
Ion Ratio Lower Upper
88 100
58 103.0 80.8 121.2
43 57.4 40.3 60.5





#3
Pyridine
Concen: 29.197 ng
RT: 3.737 min Scan# 113
Delta R.T. -0.015 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

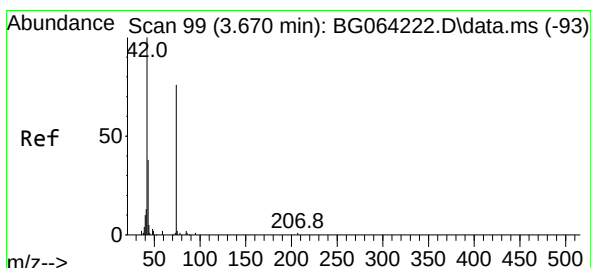
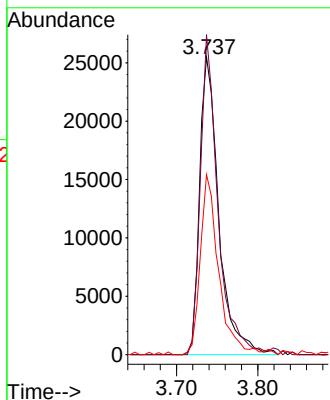
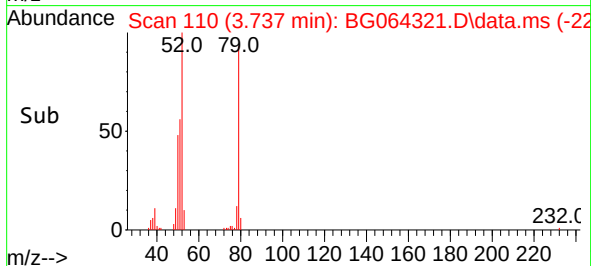
Instrument :
BNA_G
ClientSampleId :
PB169604BS



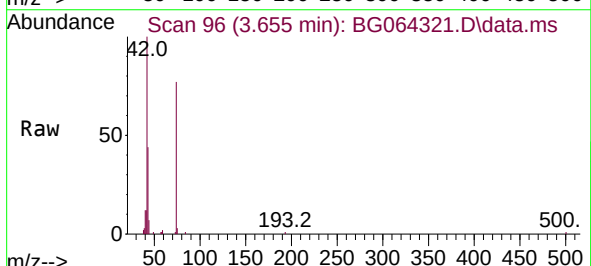
Tgt Ion: 79 Resp: 4185
Ion Ratio Lower Upper
79 100
52 107.5 86.6 129.8
51 60.5 114.1 171.1

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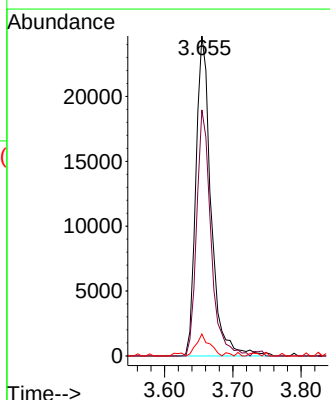
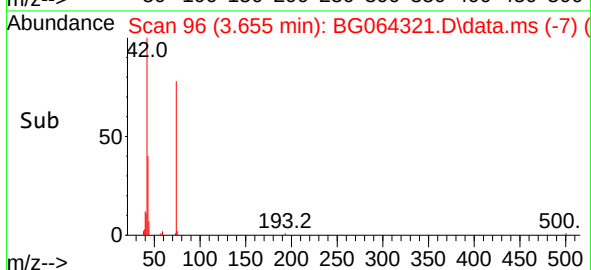
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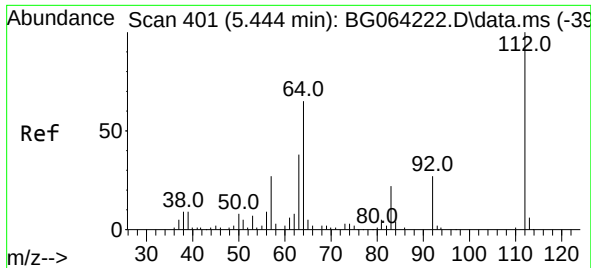


#4
n-Nitrosodimethylamine
Concen: 40.080 ng
RT: 3.655 min Scan# 96
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



Tgt Ion: 42 Resp: 38002
Ion Ratio Lower Upper
42 100
74 76.9 58.0 87.0
44 6.8 5.5 8.3





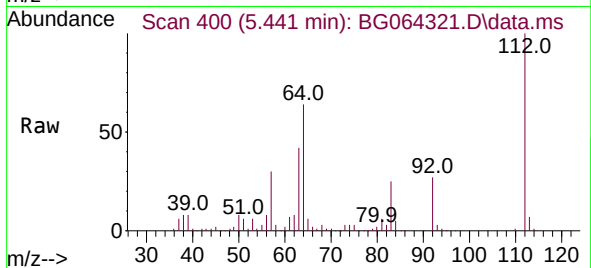
#5
2-Fluorophenol
Concen: 127.649 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS

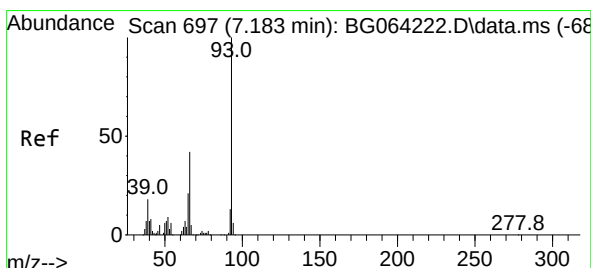
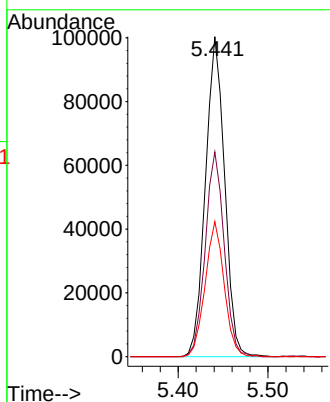
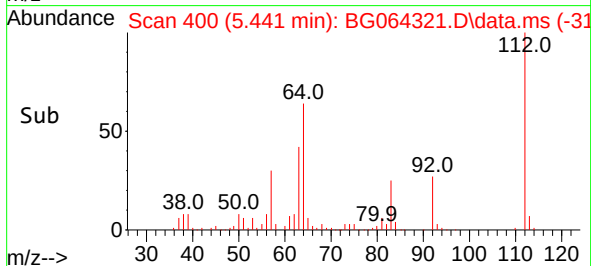


Tgt Ion:112 Resp: 149137
Ion Ratio Lower Upper
112 100
64 64.0 51.8 77.6
63 42.2 30.6 45.8

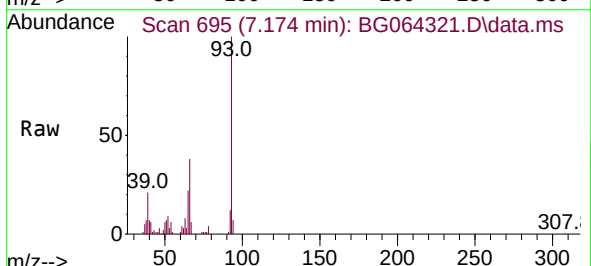
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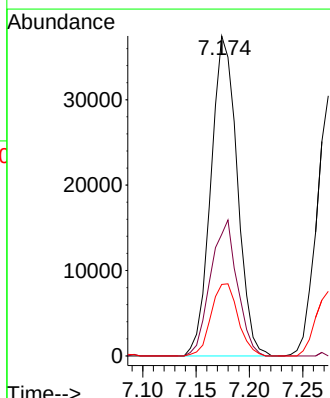
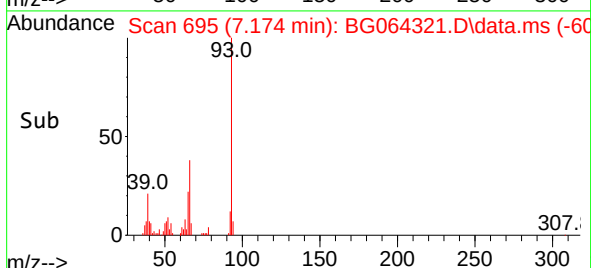
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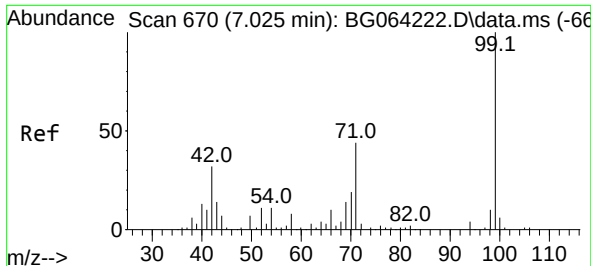


#6
Aniline
Concen: 29.016 ng
RT: 7.174 min Scan# 695
Delta R.T. -0.015 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



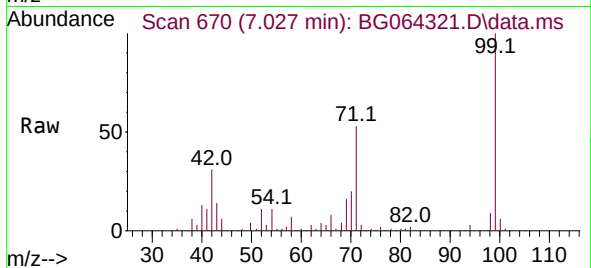
Tgt Ion: 93 Resp: 64404
Ion Ratio Lower Upper
93 100
66 38.0 33.8 50.8
65 22.3 16.9 25.3





#7
Phenol-d6
Concen: 125.126 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

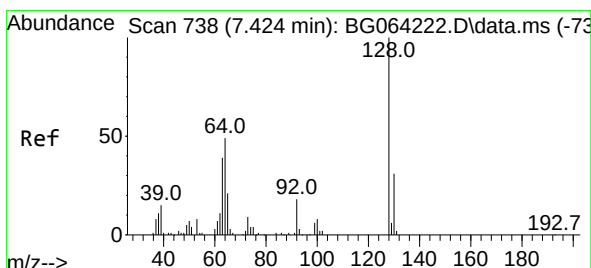
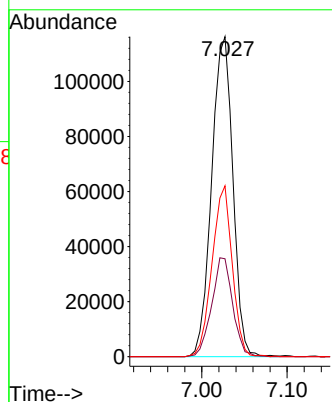
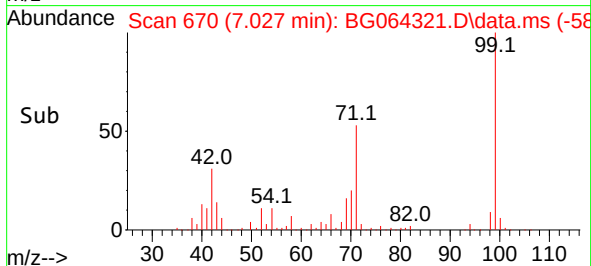
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion: 99 Resp: 200839
Ion Ratio Lower Upper
99 100
42 30.6 25.8 38.8
71 53.4 35.2 52.8

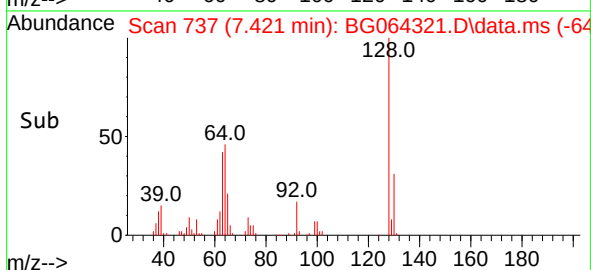
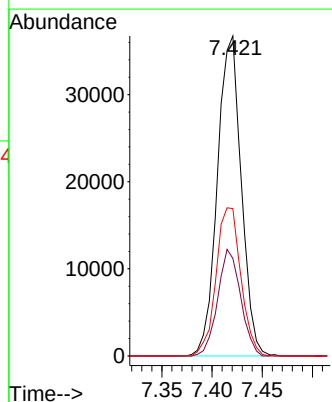
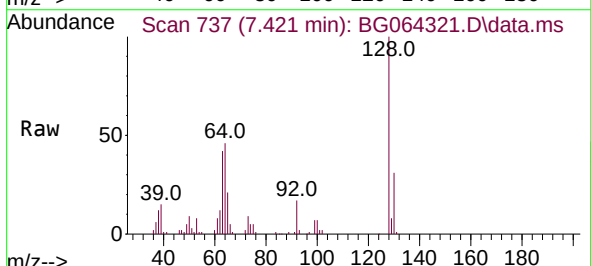
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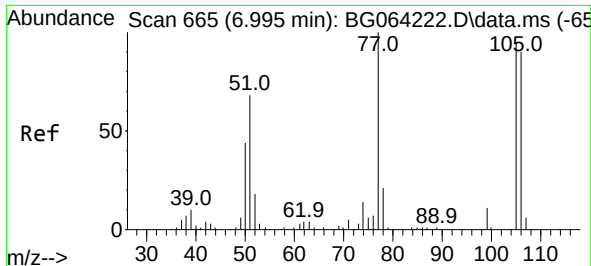
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#8
2-Chlorophenol
Concen: 42.626 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

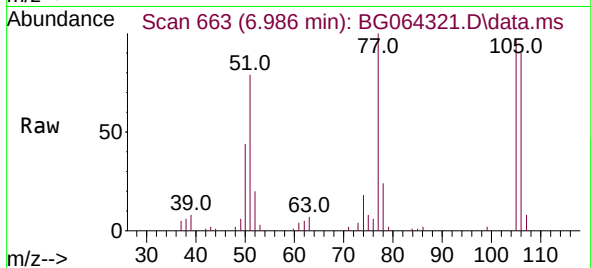
Tgt Ion:128 Resp: 60856
Ion Ratio Lower Upper
128 100
130 30.5 10.9 50.9
64 46.0 28.7 68.7





#9
Benzaldehyde
Concen: 24.433 ng
RT: 6.986 min Scan# 663
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

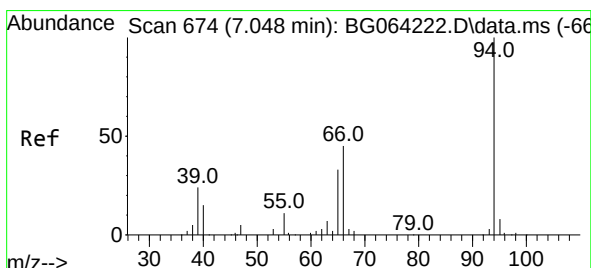
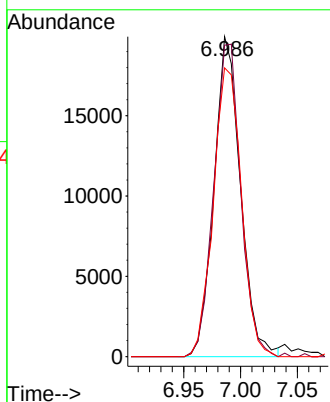
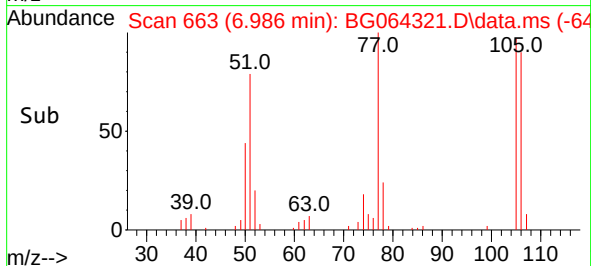
Instrument :
BNA_G
ClientSampleId :
PB169604BS



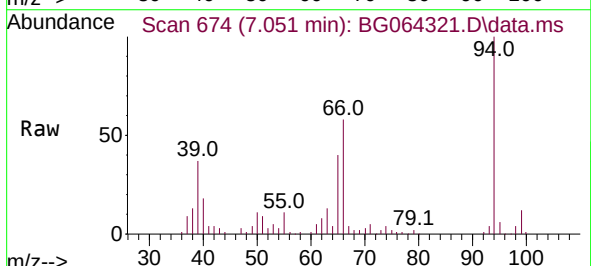
Tgt Ion: 77 Resp: 32274
Ion Ratio Lower Upper
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105 97.4 75.2 115.2
106 90.2 69.6 109.6

Manual Integrations
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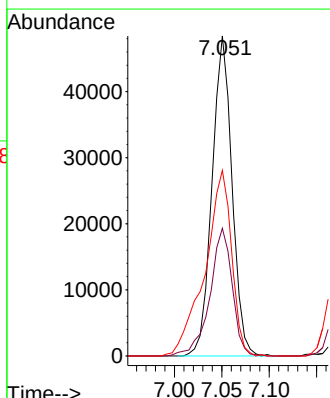
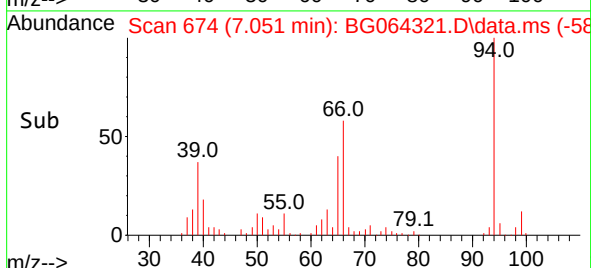
Reviewed By :Rahul Chavli 09/10/2025
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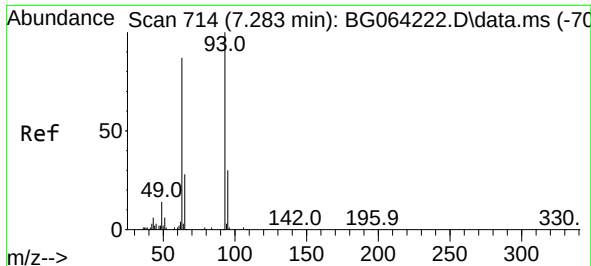


#10
Phenol
Concen: 39.977 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



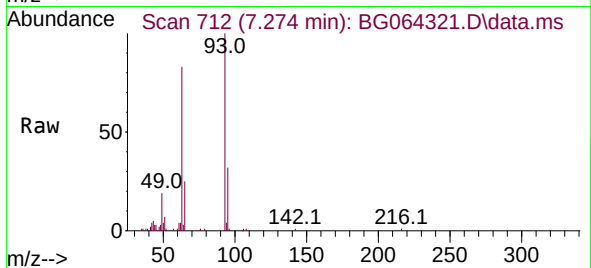
Tgt Ion: 94 Resp: 70745
Ion Ratio Lower Upper
94 100
65 39.9 13.5 53.5
66 58.0 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 34.695 ng
RT: 7.274 min Scan# 714
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

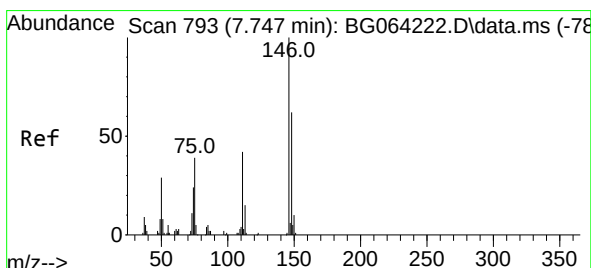
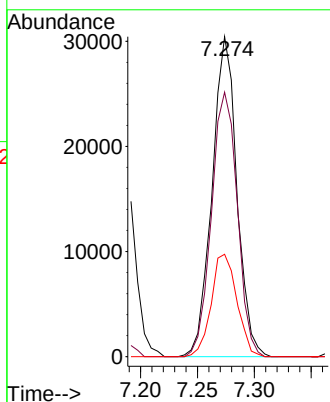
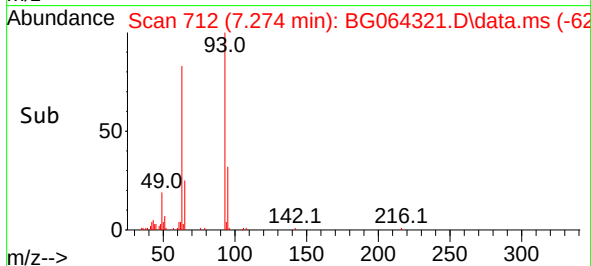
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion: 93 Resp: 46137
Ion Ratio Lower Upper
93 100
63 82.6 66.2 106.2
95 32.0 9.8 49.8

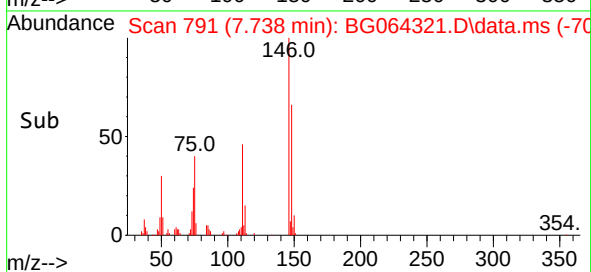
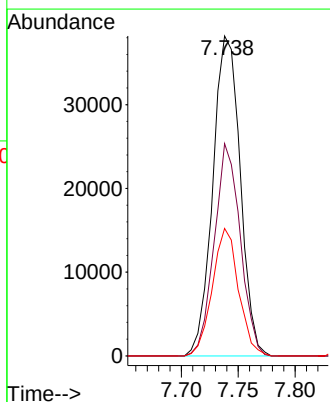
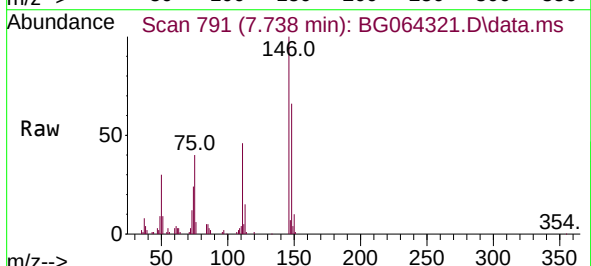
Manual Integrations
APPROVED

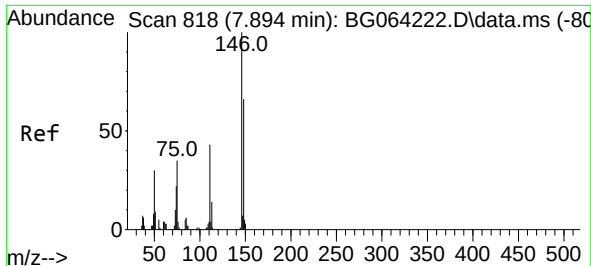
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 42.166 ng
RT: 7.738 min Scan# 791
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

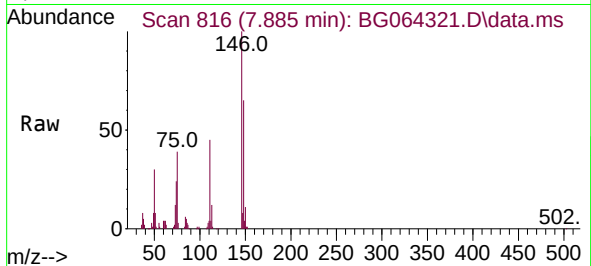
Tgt Ion:146 Resp: 64043
Ion Ratio Lower Upper
146 100
148 66.3 49.6 74.4
75 39.8 31.0 46.6





#13
1,4-Dichlorobenzene
Concen: 42.261 ng
RT: 7.885 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

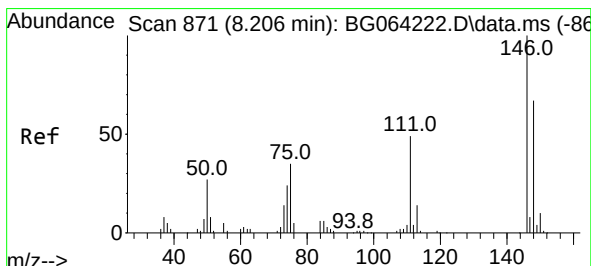
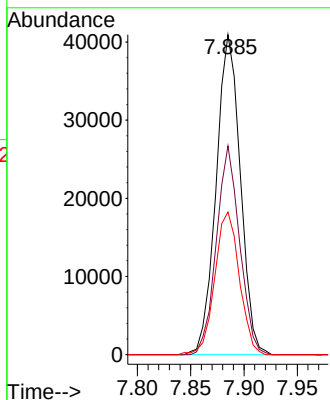
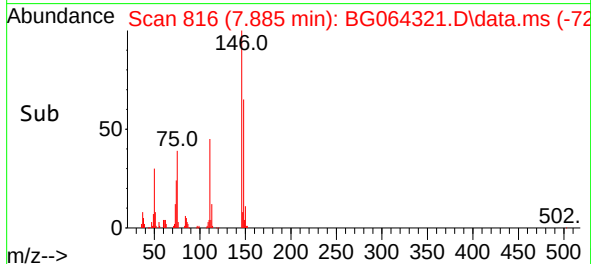
Instrument :
BNA_G
ClientSampleId :
PB169604BS



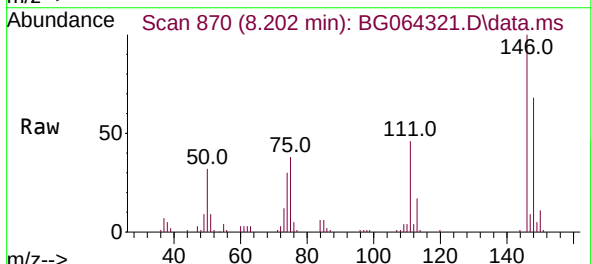
Tgt Ion:146 Resp: 64781
Ion Ratio Lower Upper
146 100
148 65.2 52.8 79.2
111 44.6 34.1 51.1

Manual Integrations
APPROVED

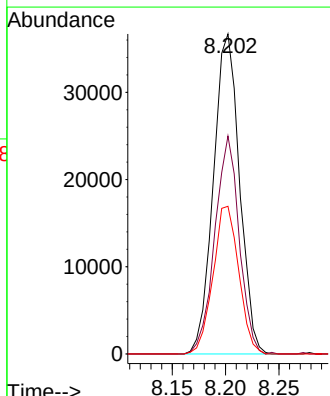
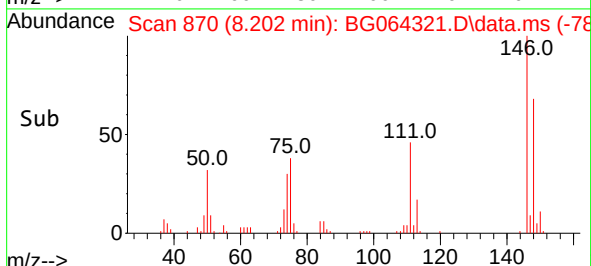
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

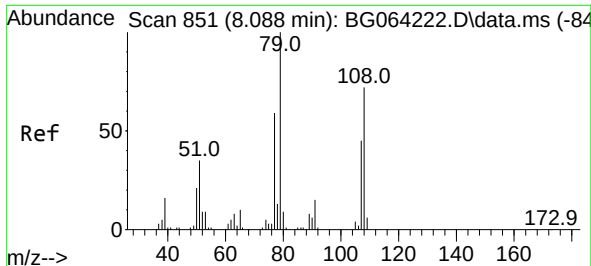


#14
1,2-Dichlorobenzene
Concen: 42.215 ng
RT: 8.202 min Scan# 870
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



Tgt Ion:146 Resp: 62453
Ion Ratio Lower Upper
146 100
148 68.1 53.4 80.0
111 46.1 39.1 58.7





#15
Benzyl Alcohol
Concen: 42.093 ng
RT: 8.085 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

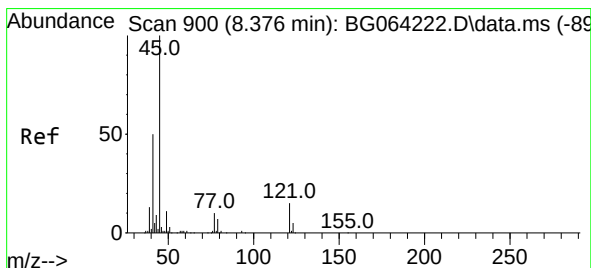
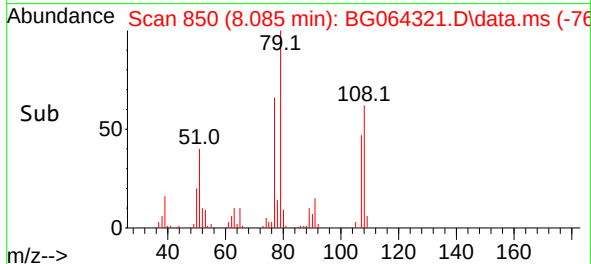
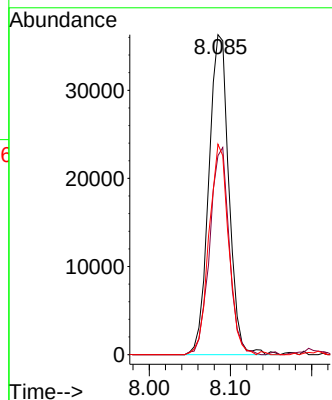
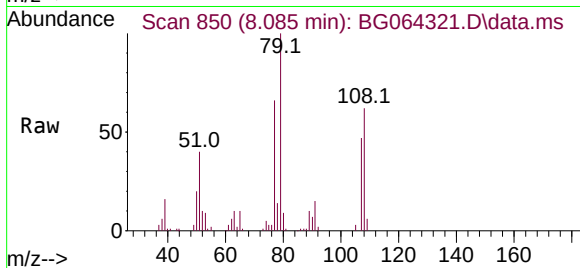
PB169604BS

Tgt Ion: 79 Resp: 62349
Ion Ratio Lower Upper
79 100
108 62.2 57.4 86.0
77 65.7 47.2 70.8

Manual Integrations

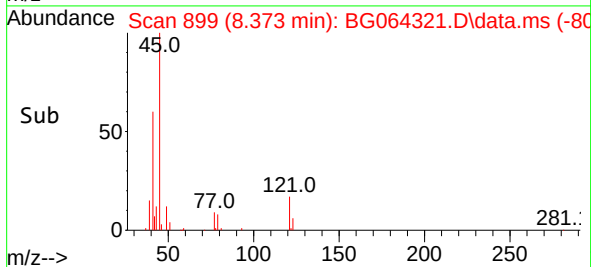
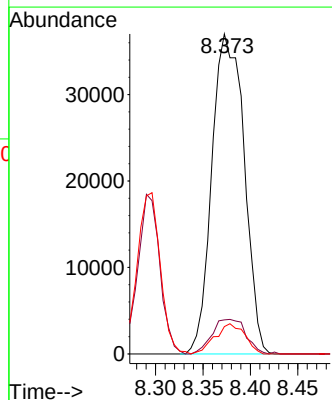
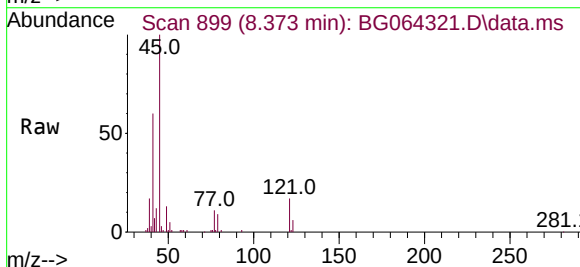
APPROVED

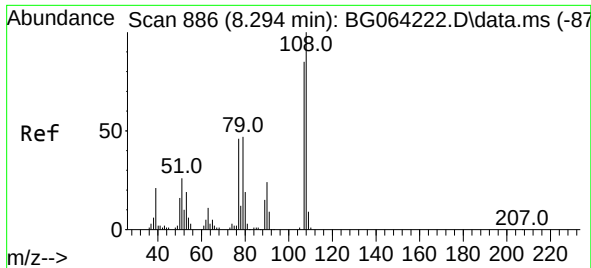
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.821 ng
RT: 8.373 min Scan# 899
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

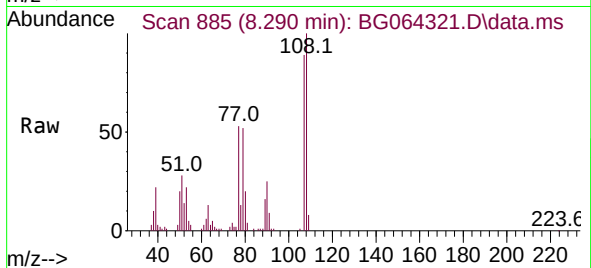
Tgt Ion: 45 Resp: 87503
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.0
79 8.5 0.0 27.9





#17
2-Methylphenol
Concen: 39.018 ng
RT: 8.290 min Scan# 886
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

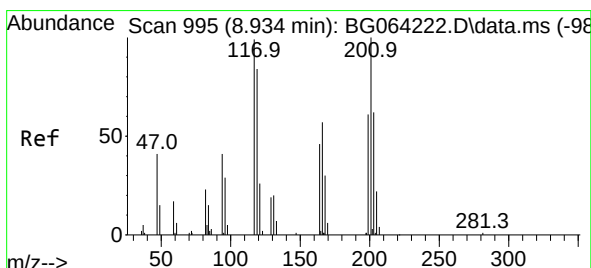
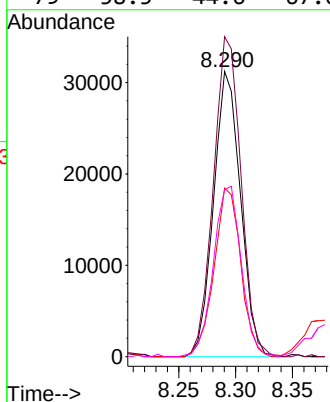
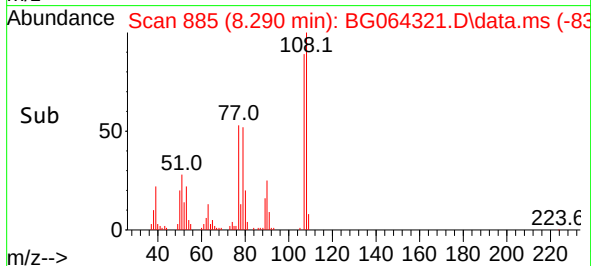
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion:	107	Resp:	51460
Ion	Ratio	Lower	Upper
107	100		
108	112.2	94.6	141.8
77	59.1	43.7	65.5
79	58.5	44.6	67.0

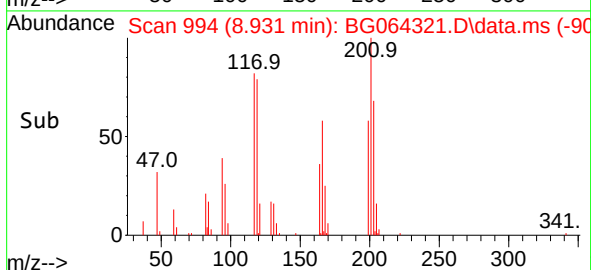
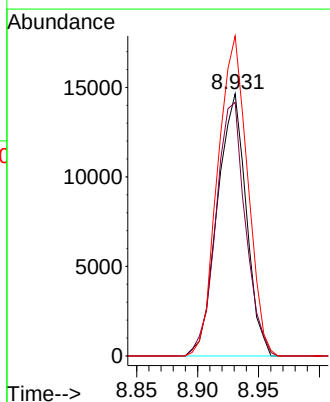
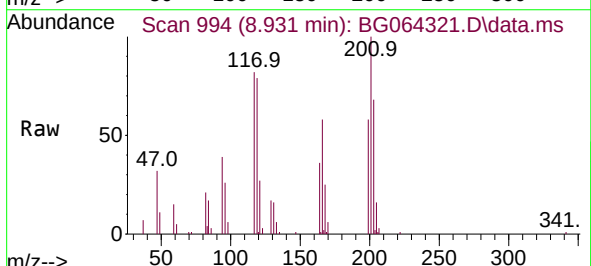
Manual Integrations
APPROVED

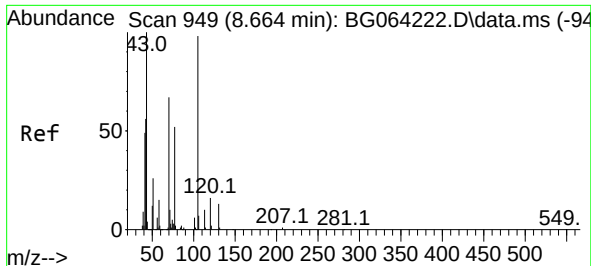
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 40.327 ng
RT: 8.931 min Scan# 994
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

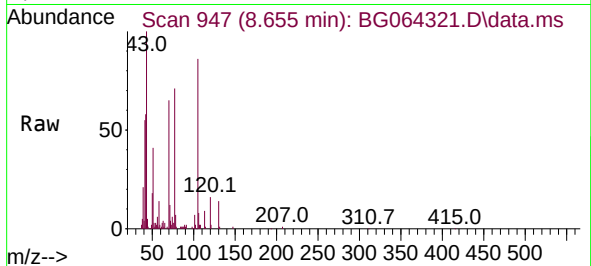
Tgt Ion:	117	Resp:	24130
Ion	Ratio	Lower	Upper
117	100		
119	96.7	67.9	101.9
201	122.1	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 35.660 ng
RT: 8.655 min Scan# 94
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

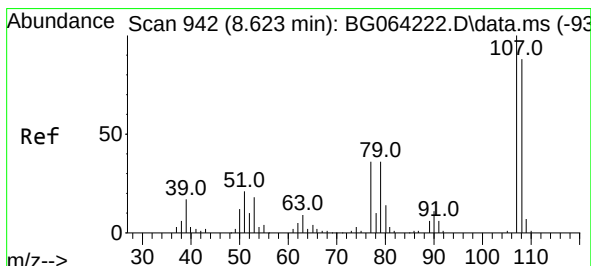
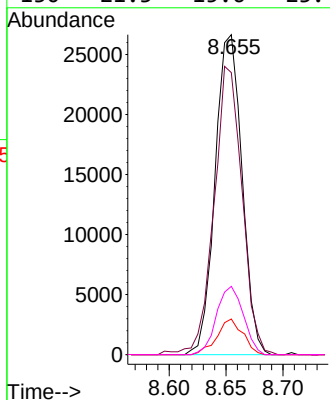
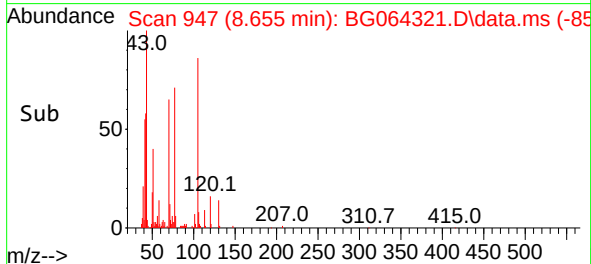
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion: 70 Resp: 43806
Ion Ratio Lower Upper
70 100
42 88.1 67.9 101.9
101 11.1 7.3 10.9
130 21.3 15.6 23.4

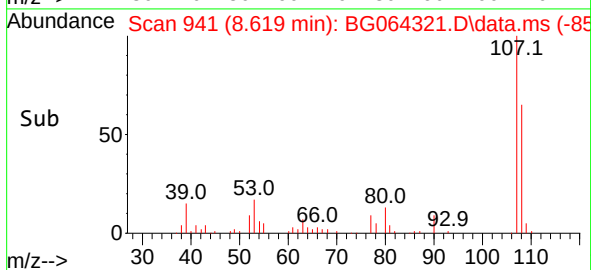
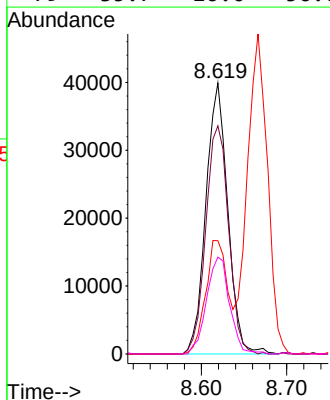
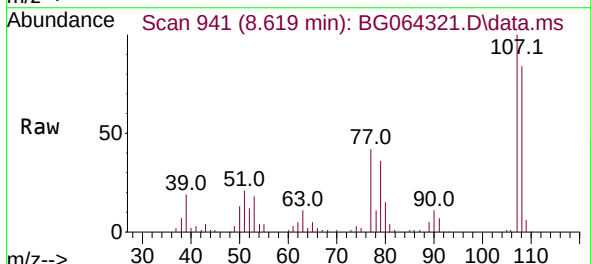
Manual Integrations
APPROVED

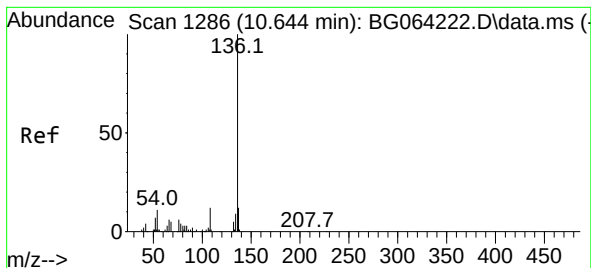
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#20
3+4-Methylphenols
Concen: 38.768 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:107 Resp: 71045
Ion Ratio Lower Upper
107 100
108 84.2 68.1 108.1
77 41.8 15.9 55.9
79 35.7 16.0 56.0





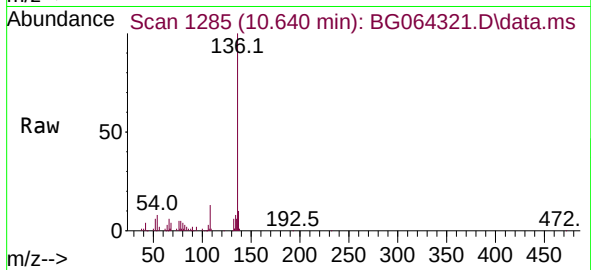
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1286
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS



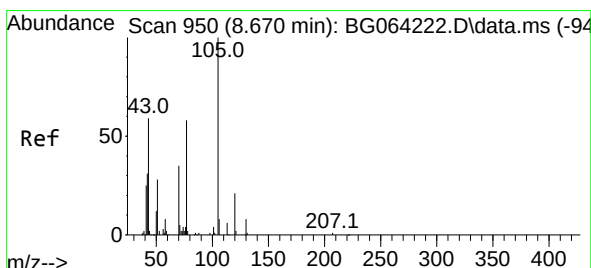
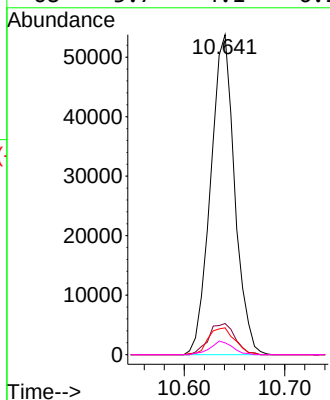
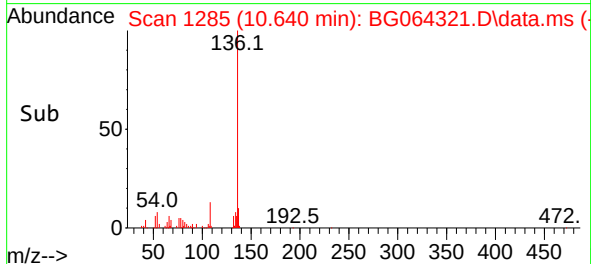
Tgt Ion:136 Resp: 89648
Ion Ratio Lower Upper
136 100
137 9.8 9.6 14.4
54 8.4 8.8 13.2
68 3.7 4.1 6.1#

Manual Integrations

APPROVED

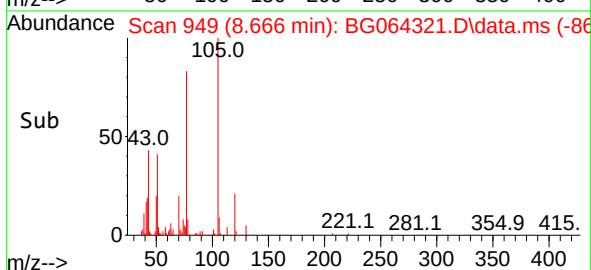
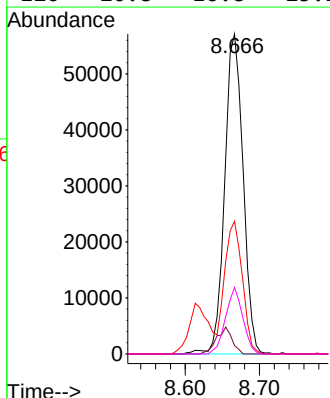
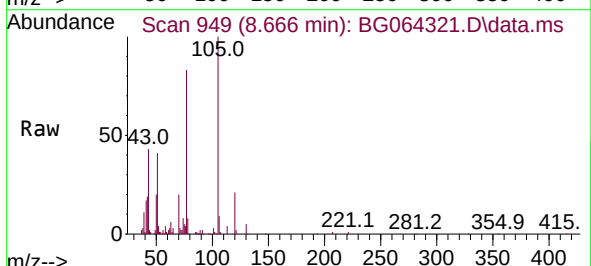
Reviewed By :Rahul Chavli 09/10/2025

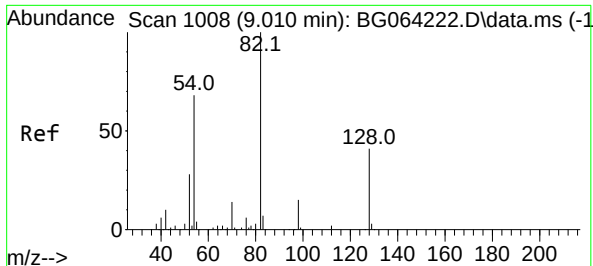
Supervised By :Jagrut Upadhyay 09/10/2025



#22
Acetophenone
Concen: 43.305 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

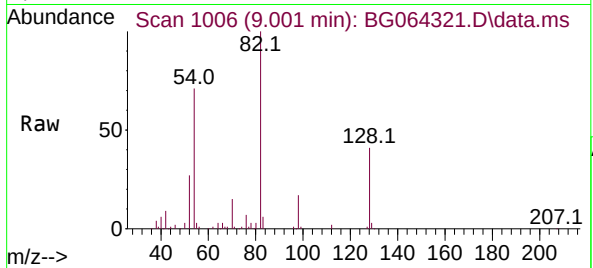
Tgt Ion:105 Resp: 98215
Ion Ratio Lower Upper
105 100
71 2.6 4.3 6.5#
51 41.4 32.4 48.6
120 20.8 16.8 25.2





#23
Nitrobenzene-d5
Concen: 88.864 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.015 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

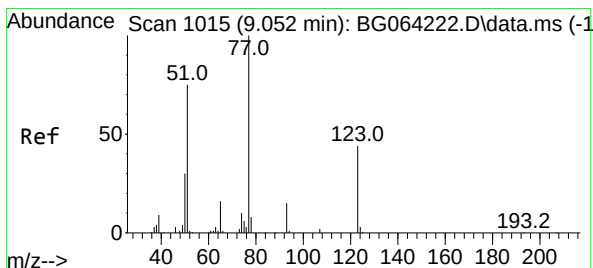
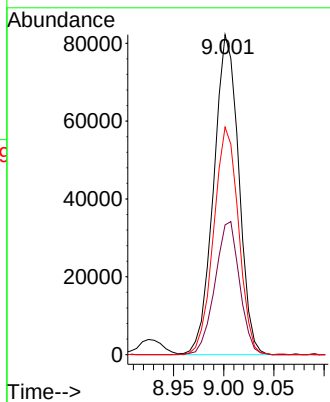
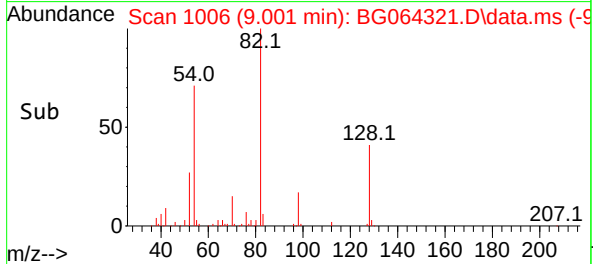
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion: 82 Resp: 142844
Ion Ratio Lower Upper
82 100
128 40.5 32.6 48.8
54 71.1 54.7 82.1

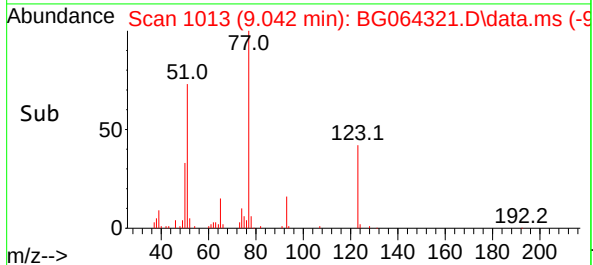
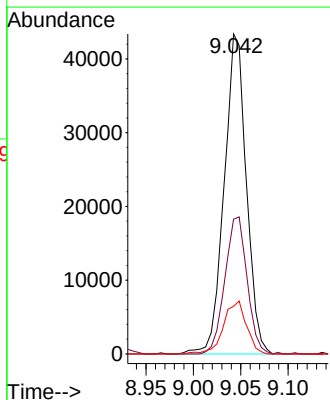
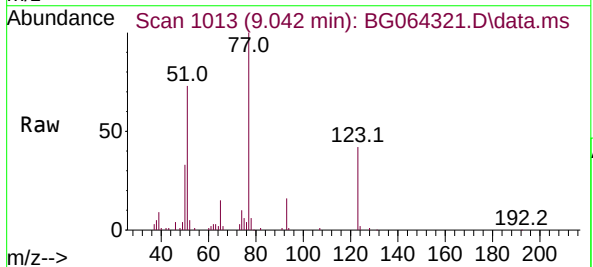
Manual Integrations
APPROVED

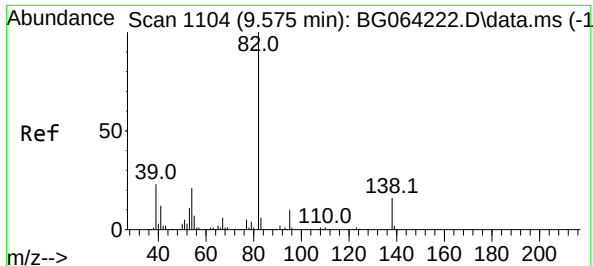
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#24
Nitrobenzene
Concen: 42.001 ng
RT: 9.042 min Scan# 1013
Delta R.T. -0.015 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion: 77 Resp: 70540
Ion Ratio Lower Upper
77 100
123 42.1 35.2 52.8
65 14.9 12.6 19.0





#25
Isophorone
Concen: 37.799 ng
RT: 9.565 min Scan# 1102
Delta R.T. -0.021 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

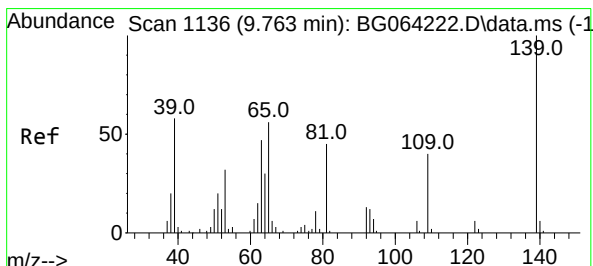
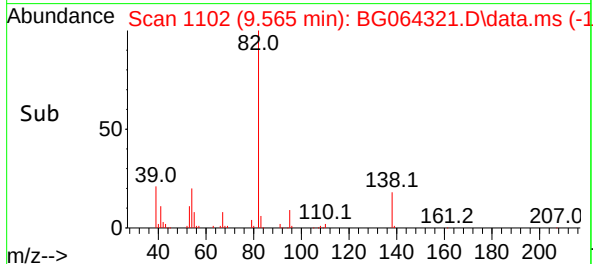
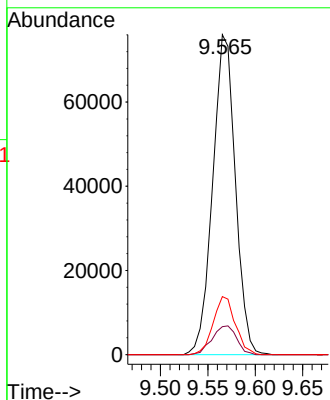
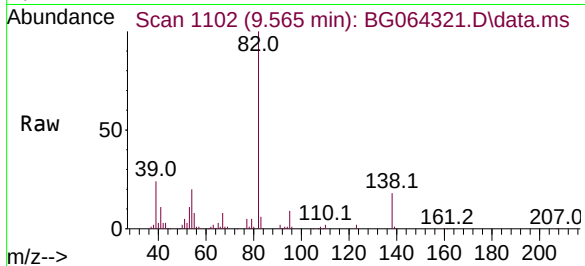
PB169604BS

Tgt Ion: 82 Resp: 126280
Ion Ratio Lower Upper
82 100
95 8.7 7.9 11.9
138 18.1 13.0 19.4

Manual Integrations

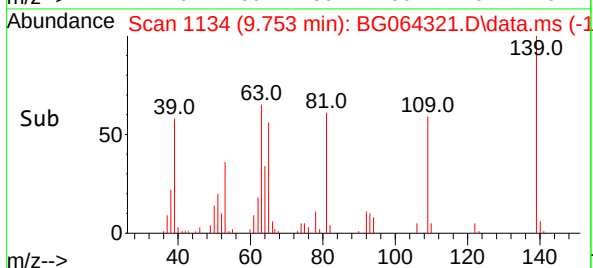
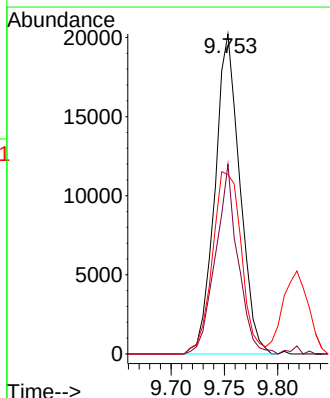
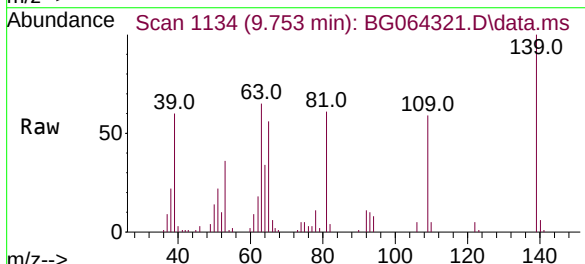
APPROVED

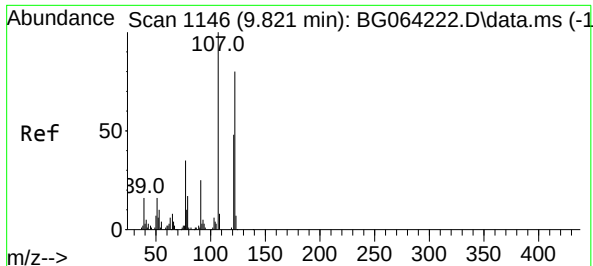
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 45.323 ng
RT: 9.753 min Scan# 1134
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:139 Resp: 32891
Ion Ratio Lower Upper
139 100
109 59.2 32.4 48.6#
65 56.1 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 47.537 ng
RT: 9.818 min Scan# 1145
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

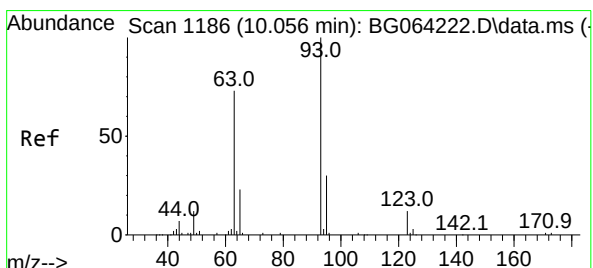
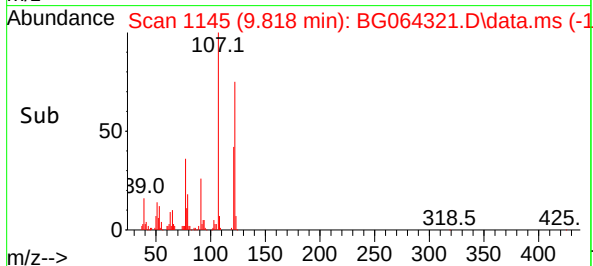
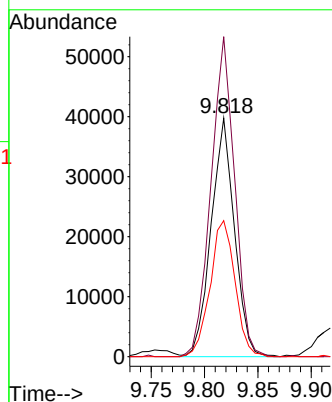
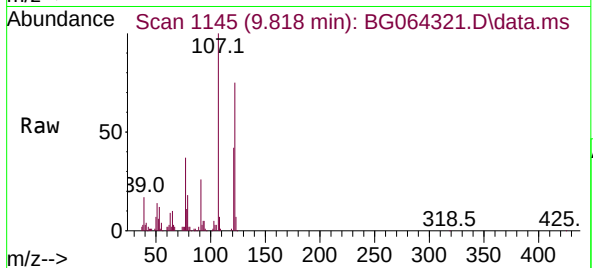
PB169604BS

Tgt Ion:122 Resp: 60562
Ion Ratio Lower Upper
122 100
107 134.2 99.9 149.9
121 57.0 48.6 72.8

Manual Integrations

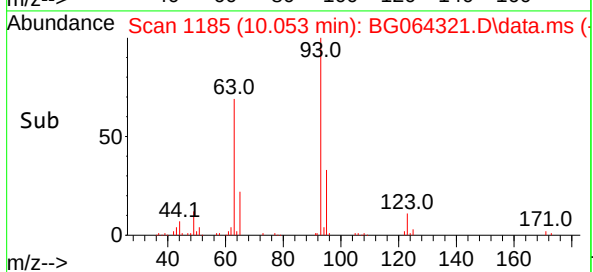
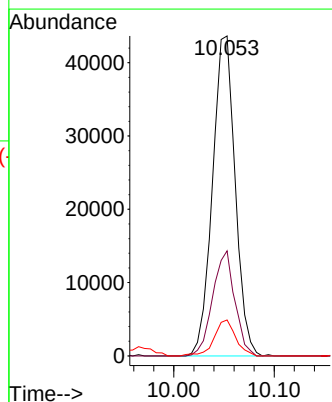
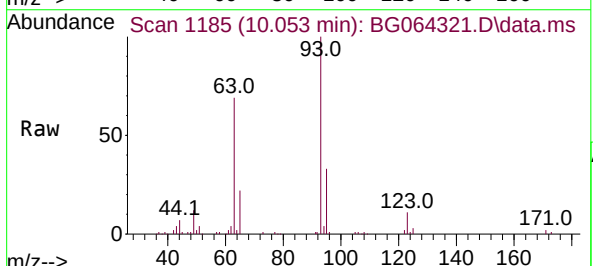
APPROVED

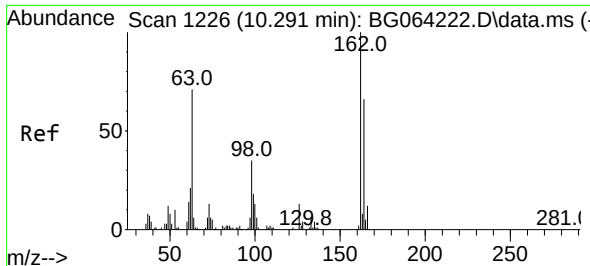
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.136 ng
RT: 10.053 min Scan# 1185
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion: 93 Resp: 68697
Ion Ratio Lower Upper
93 100
95 32.8 23.9 35.9
123 11.2 9.6 14.4





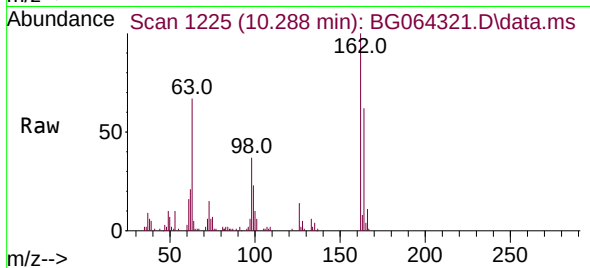
#29
2,4-Dichlorophenol
Concen: 45.809 ng
RT: 10.288 min Scan# 1225
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS

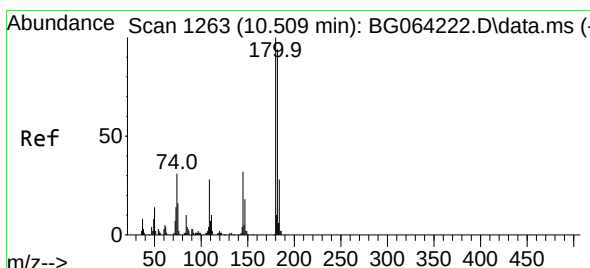
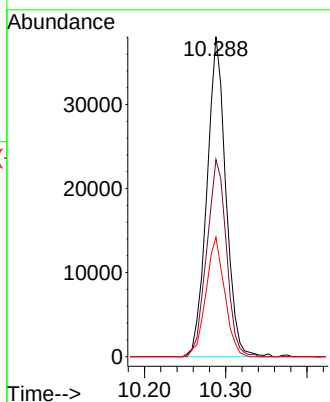
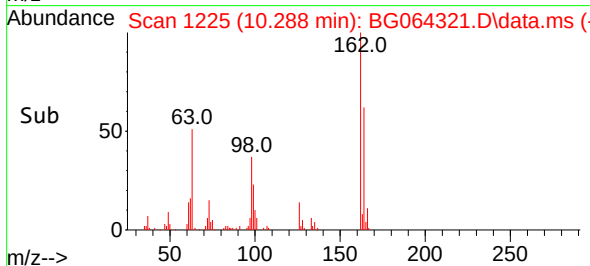


Tgt Ion:162 Resp: 61582
Ion Ratio Lower Upper
162 100
164 61.6 45.8 85.8
98 37.3 15.2 55.2

Manual Integrations

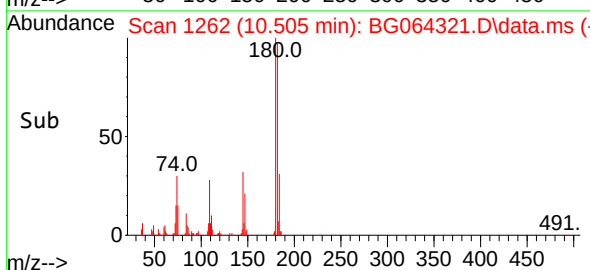
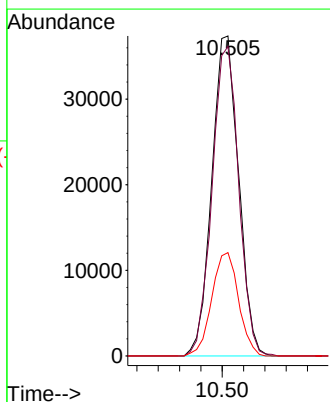
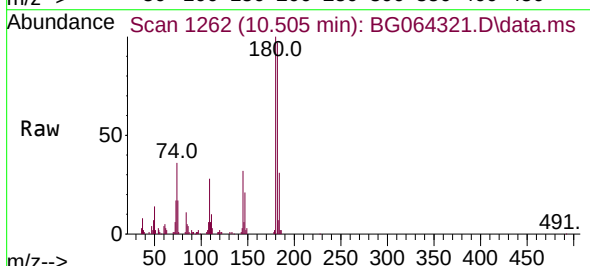
APPROVED

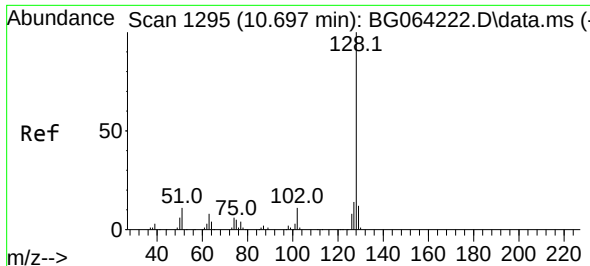
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#30
1,2,4-Trichlorobenzene
Concen: 46.128 ng
RT: 10.505 min Scan# 1262
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

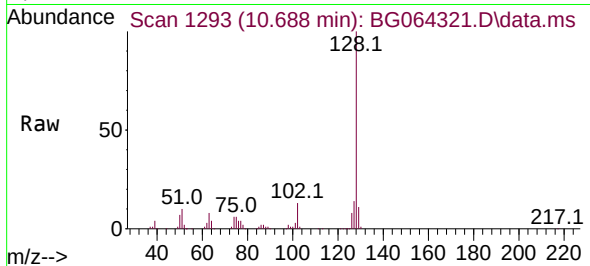
Tgt Ion:180 Resp: 65384
Ion Ratio Lower Upper
180 100
182 96.7 75.0 112.6
145 32.3 25.4 38.0





#31
Naphthalene
Concen: 40.601 ng
RT: 10.688 min Scan# 1171
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

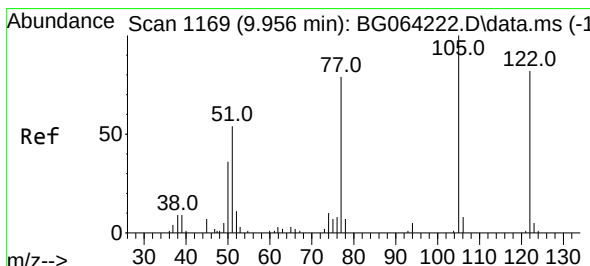
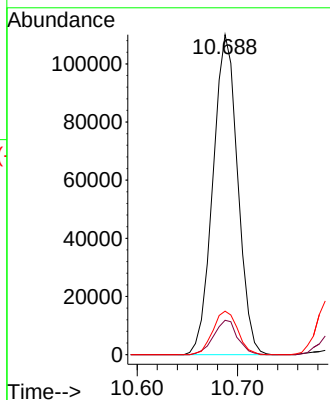
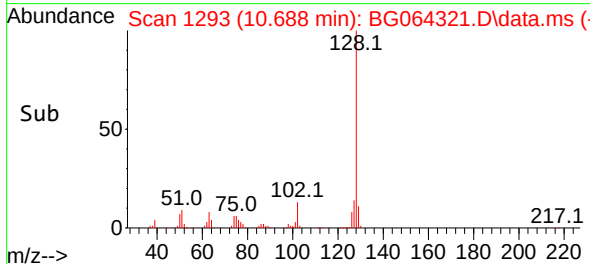
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion:128 Resp: 18874
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 13.6 10.9 16.3

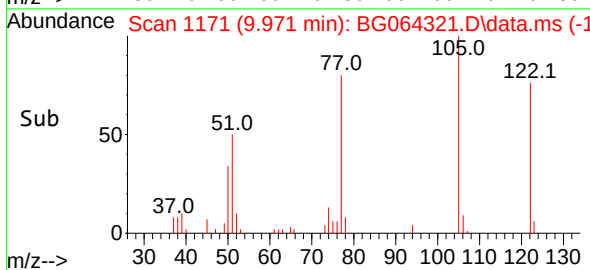
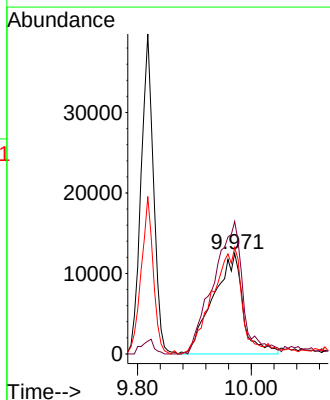
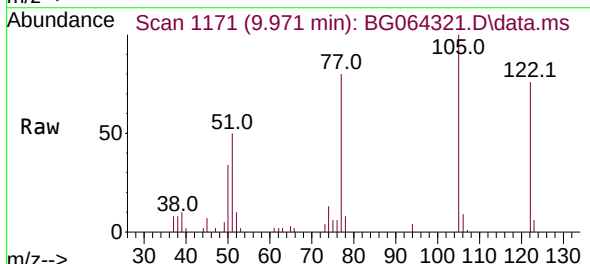
Manual Integrations
APPROVED

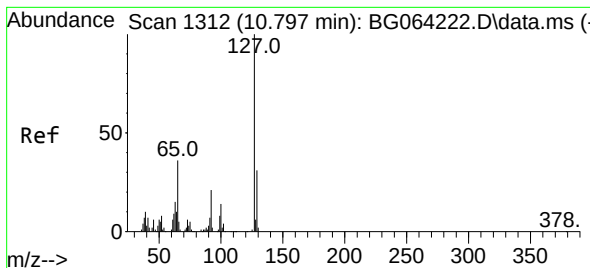
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#32
Benzoic acid
Concen: 45.155 ng
RT: 9.971 min Scan# 1171
Delta R.T. -0.045 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:122 Resp: 45668
Ion Ratio Lower Upper
122 100
105 131.7 98.5 138.5
77 105.8 74.6 114.6





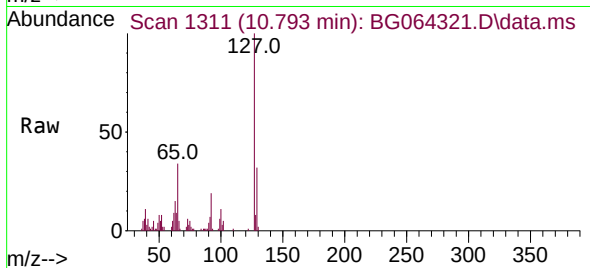
#33
4-Chloroaniline
Concen: 23.181 ng
RT: 10.793 min Scan# 1311
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS

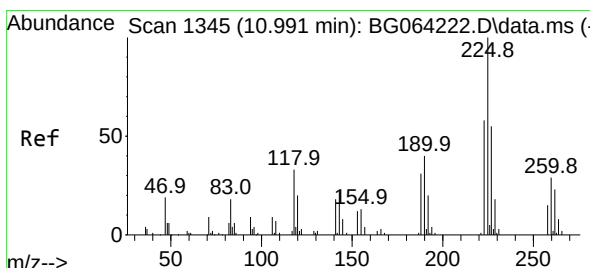
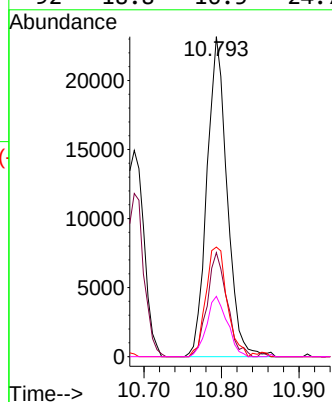
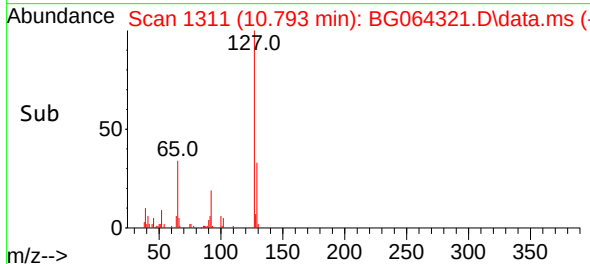


Tgt Ion:127 Resp: 41766
Ion Ratio Lower Upper
127 100
129 32.5 25.0 37.4
65 34.2 28.7 43.1
92 18.8 16.5 24.7

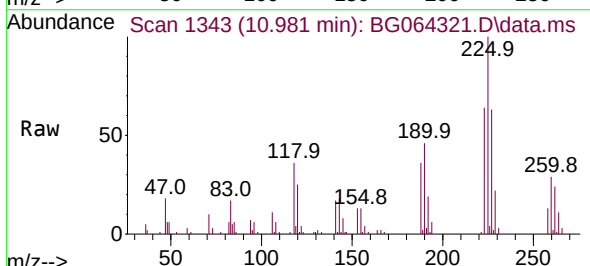
Manual Integrations

APPROVED

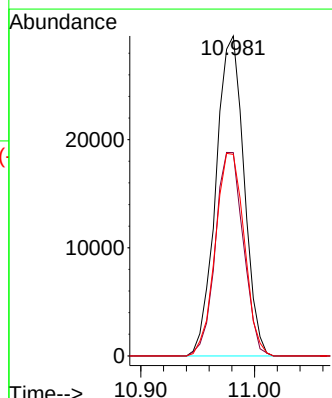
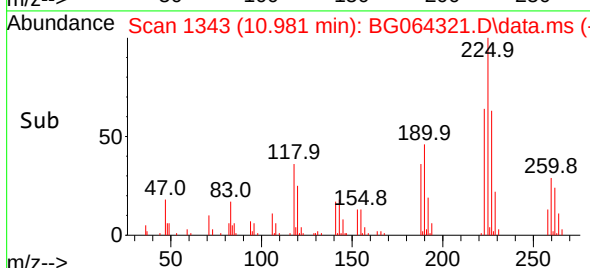
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

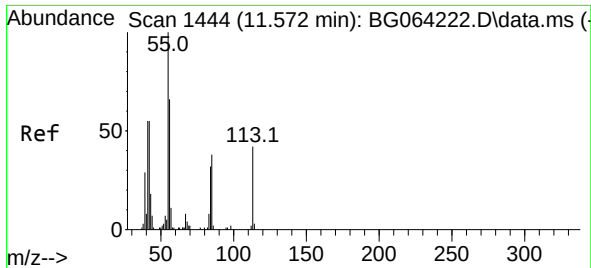


#34
Hexachlorobutadiene
Concen: 48.390 ng
RT: 10.981 min Scan# 1343
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



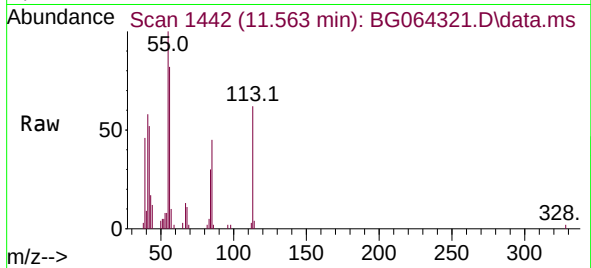
Tgt Ion:225 Resp: 50702
Ion Ratio Lower Upper
225 100
223 63.5 46.5 69.7
227 63.0 44.1 66.1





#35
Caprolactam
Concen: 44.570 ng m
RT: 11.563 min Scan# 14
Delta R.T. -0.039 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

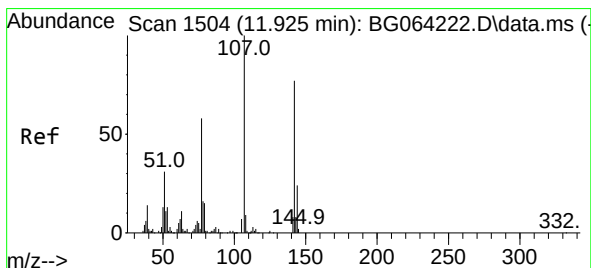
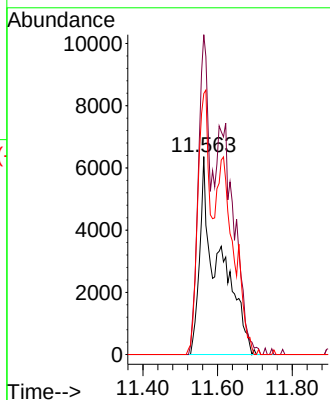
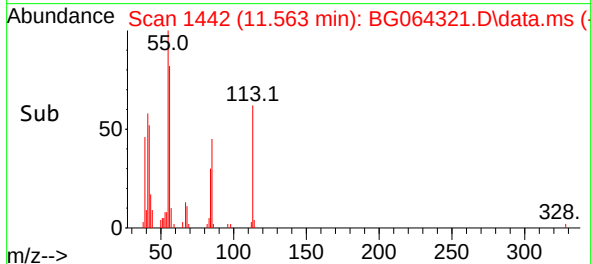
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion:113 Resp: 23200
Ion Ratio Lower Upper
113 100
55 161.6 218.5 258.5
56 131.8 138.5 178.5

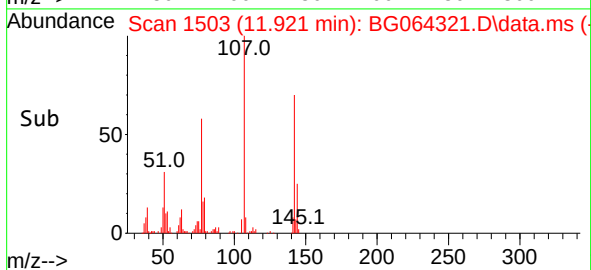
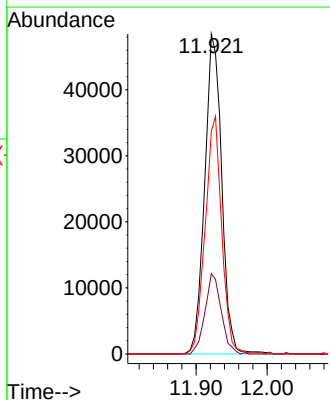
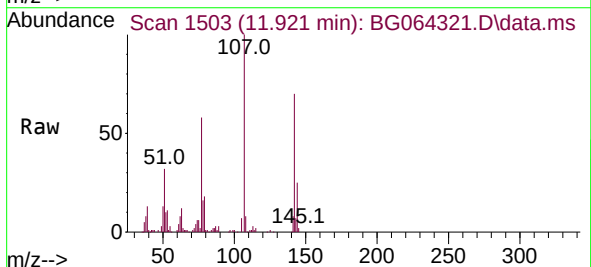
Manual Integrations
APPROVED

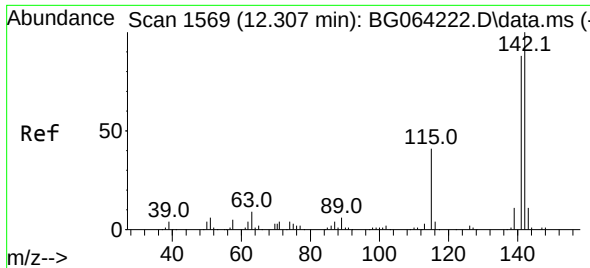
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#36
4-Chloro-3-methylphenol
Concen: 45.987 ng
RT: 11.921 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:107 Resp: 80212
Ion Ratio Lower Upper
107 100
144 25.1 19.5 29.3
142 69.5 62.0 93.0





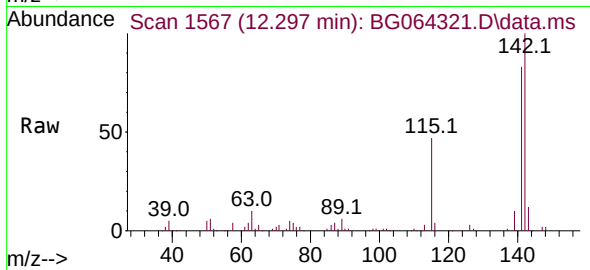
#37
2-Methylnaphthalene
Concen: 37.823 ng
RT: 12.297 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS



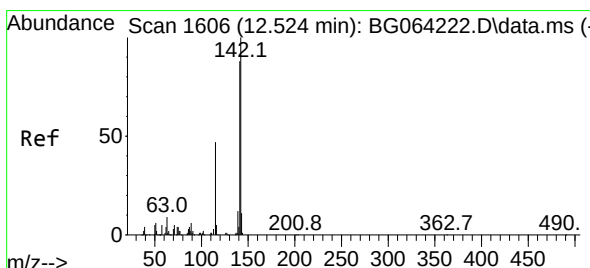
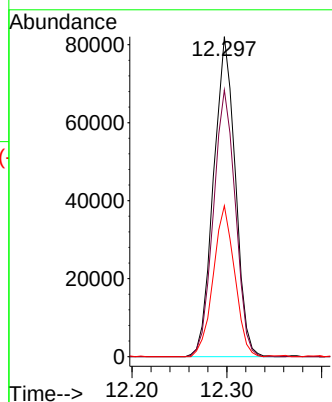
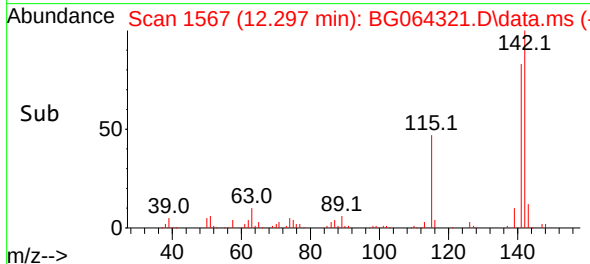
Tgt Ion:142 Resp: 130693
Ion Ratio Lower Upper
142 100
141 83.3 70.1 105.1
115 47.1 33.1 49.7

Manual Integrations

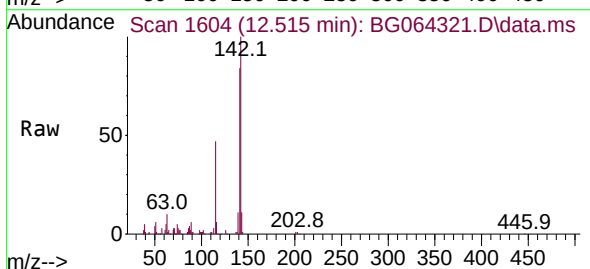
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

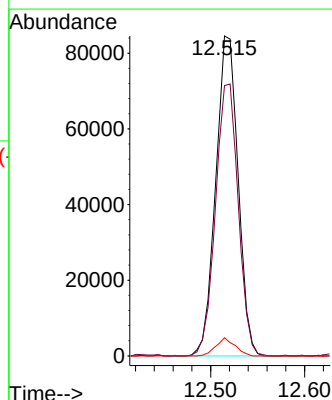
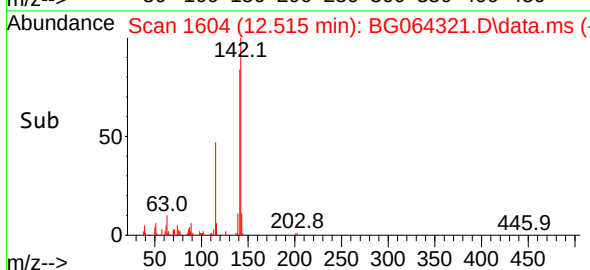
Supervised By :Jagrut Upadhyay 09/10/2025

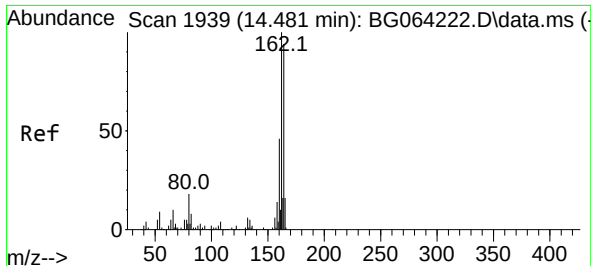


#38
1-Methylnaphthalene
Concen: 40.889 ng m
RT: 12.515 min Scan# 1604
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



Tgt Ion:142 Resp: 139554
Ion Ratio Lower Upper
142 100
141 84.5 70.3 105.5
116 5.7 3.7 5.5#





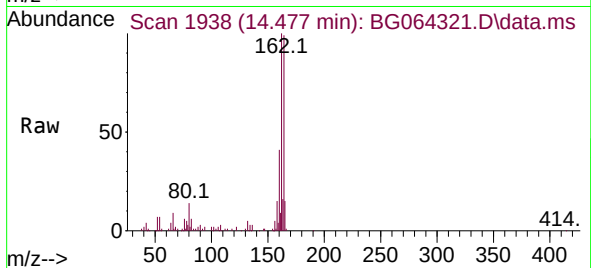
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS

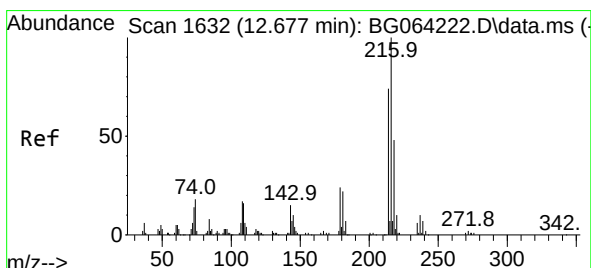
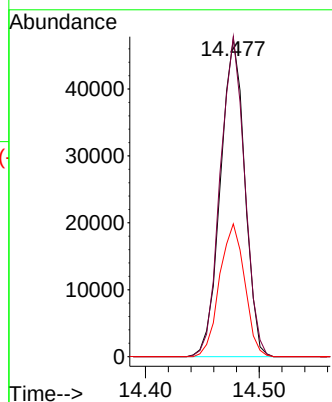
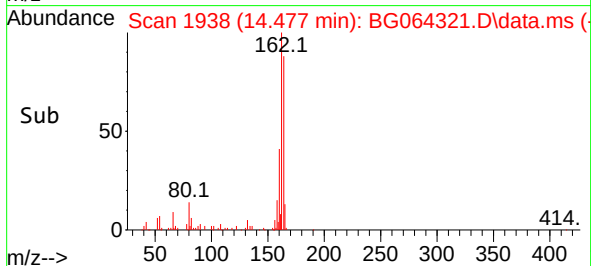


Tgt Ion:164 Resp: 70385
Ion Ratio Lower Upper
164 100
162 100.6 85.4 128.0
160 41.8 39.2 58.8

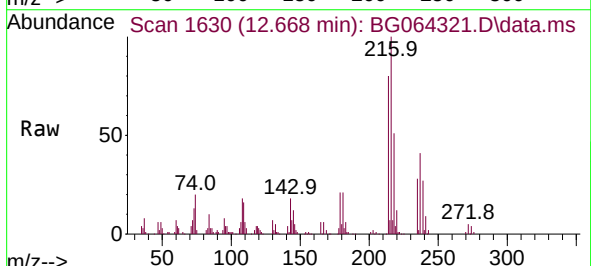
Manual Integrations

APPROVED

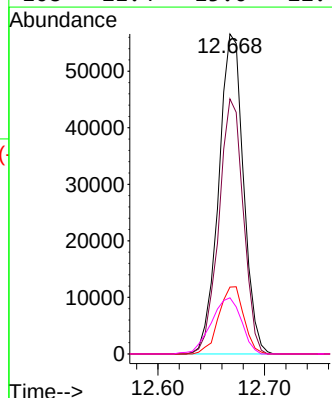
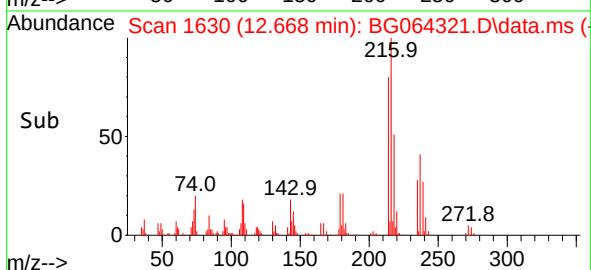
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

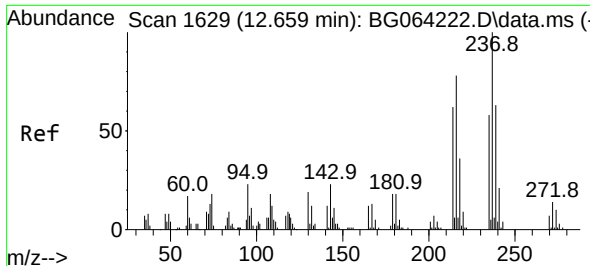


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.014 ng
RT: 12.668 min Scan# 1630
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



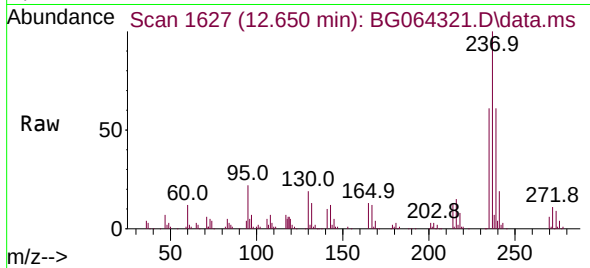
Tgt Ion:216 Resp: 91415
Ion Ratio Lower Upper
216 100
214 78.3 61.9 92.9
179 21.2 17.9 26.9
108 21.4 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 131.263 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

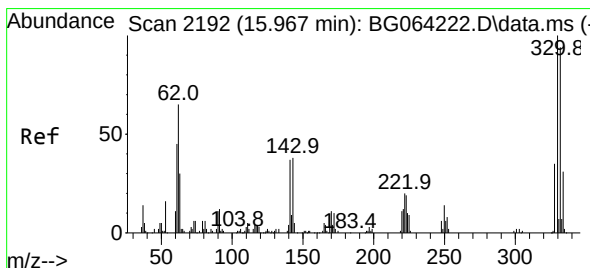
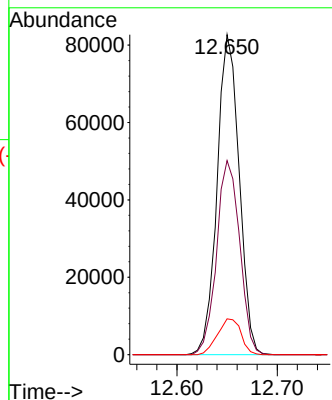
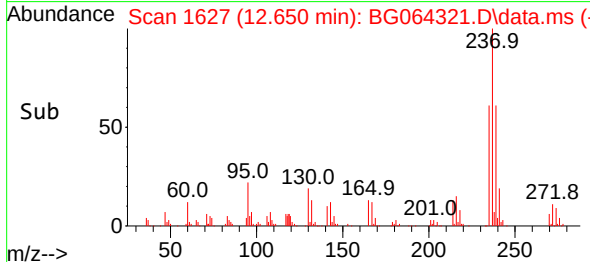
Instrument :
BNA_G
ClientSampleId :
PB169604BS



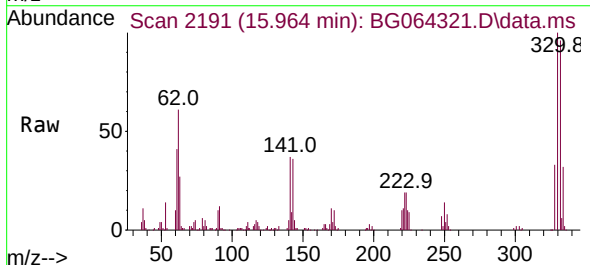
Tgt Ion:237 Resp: 126693
Ion Ratio Lower Upper
237 100
235 60.6 37.9 77.9
272 11.2 0.0 33.8

Manual Integrations
APPROVED

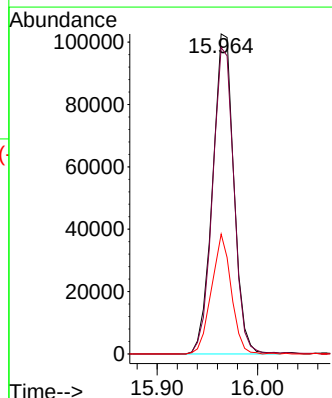
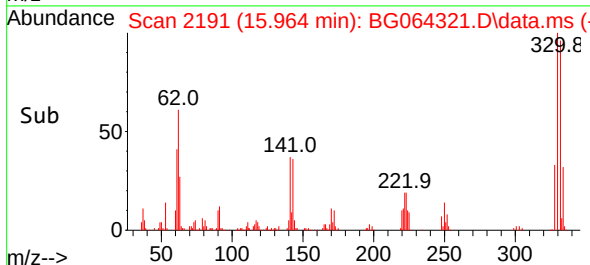
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

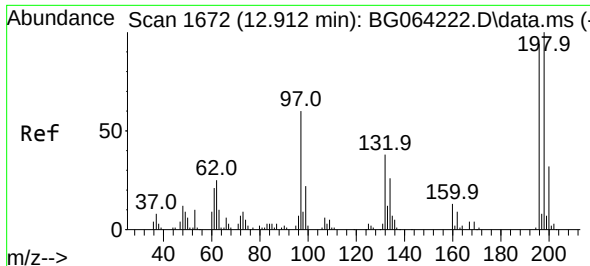


#42
2,4,6-Tribromophenol
Concen: 162.517 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



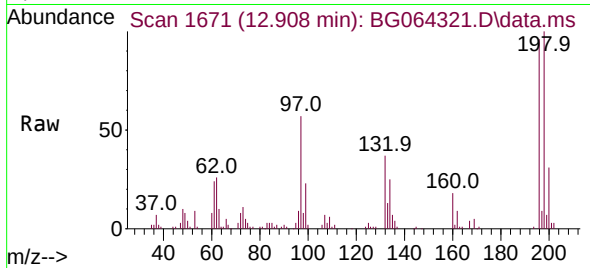
Tgt Ion:330 Resp: 151512
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 34.6 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 44.803 ng
RT: 12.908 min Scan# 1671
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

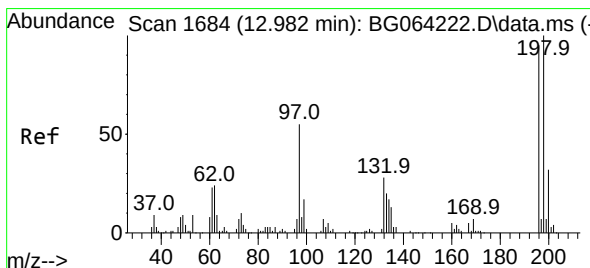
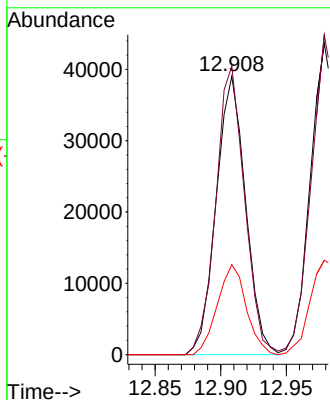
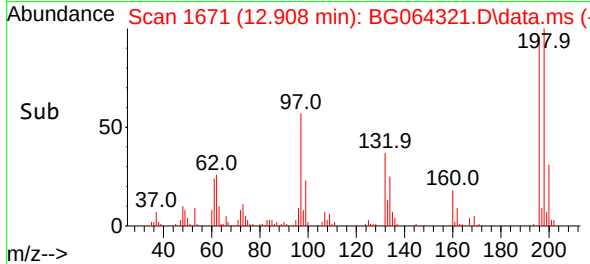
Instrument :
BNA_G
ClientSampleId :
PB169604BS



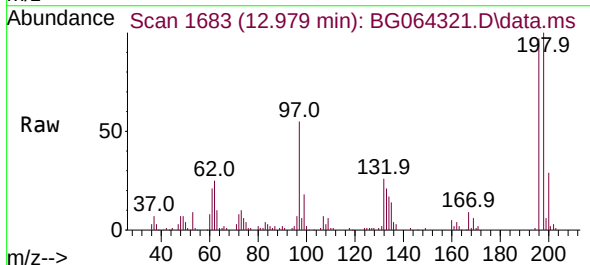
Tgt Ion:196 Resp: 60815
Ion Ratio Lower Upper
196 100
198 103.7 85.4 128.2
200 32.3 27.3 40.9

Manual Integrations
APPROVED

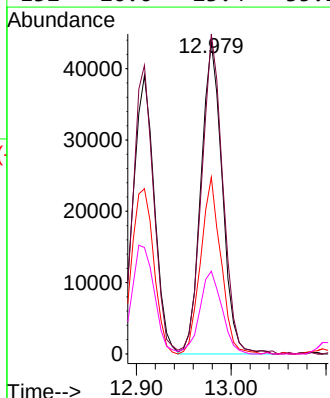
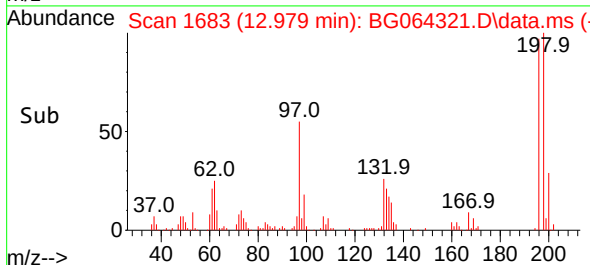
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

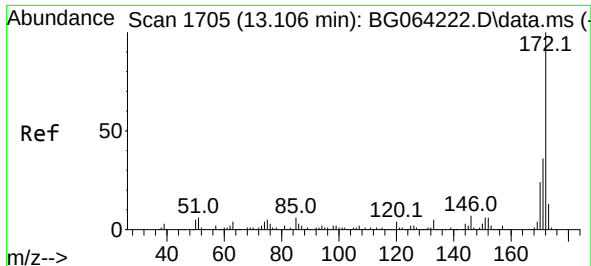


#44
2,4,5-Trichlorophenol
Concen: 46.352 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



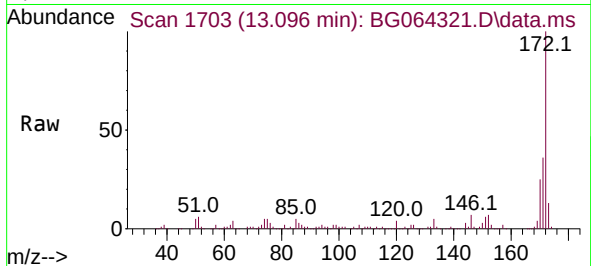
Tgt Ion:196 Resp: 68251
Ion Ratio Lower Upper
196 100
198 102.8 84.5 126.7
97 56.8 46.8 70.2
132 26.6 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 82.592 ng
RT: 13.096 min Scan# 1705
Delta R.T. -0.015 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

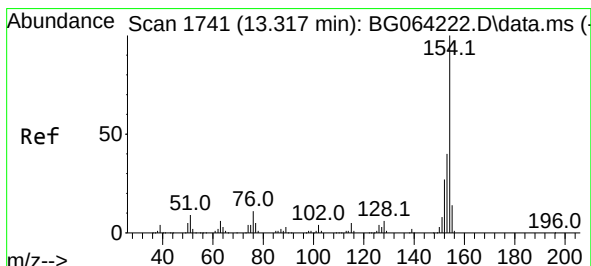
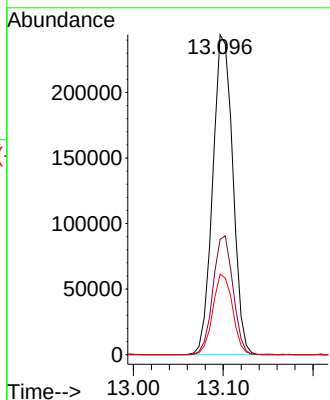
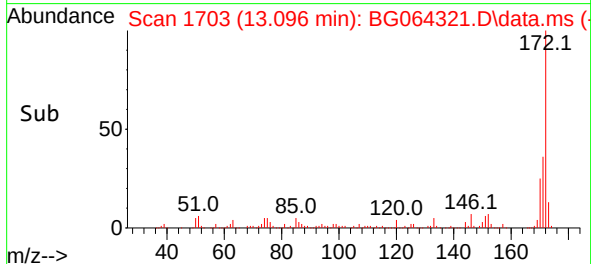
Instrument :
BNA_G
ClientSampleId :
PB169604BS



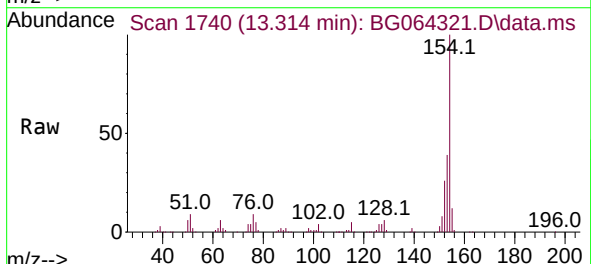
Tgt Ion:172 Resp: 380852
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 25.2 19.0 28.6

Manual Integrations
APPROVED

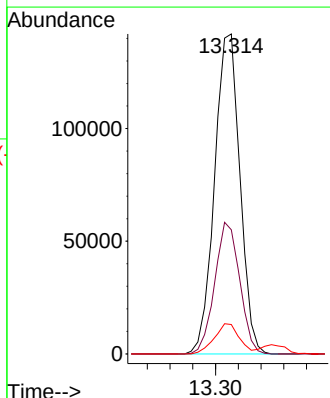
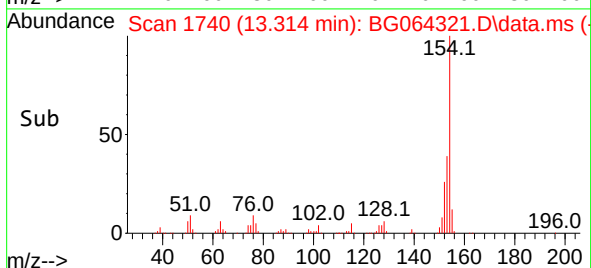
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

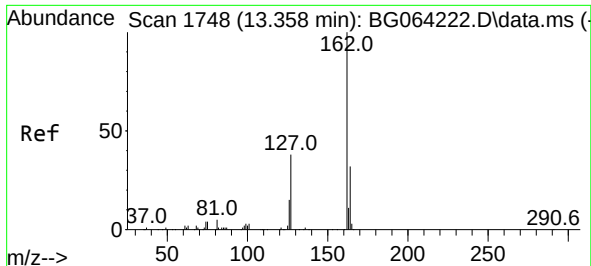


#46
1,1'-Biphenyl
Concen: 42.781 ng
RT: 13.314 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



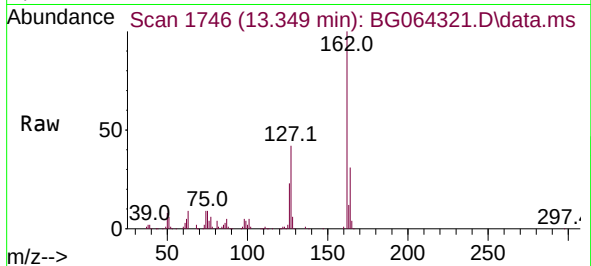
Tgt Ion:154 Resp: 219315
Ion Ratio Lower Upper
154 100
153 38.8 19.9 59.9
76 9.2 0.0 30.9





#47
2-Chloronaphthalene
Concen: 39.901 ng
RT: 13.349 min Scan# 1746
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

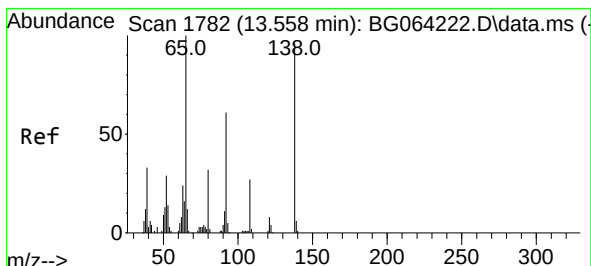
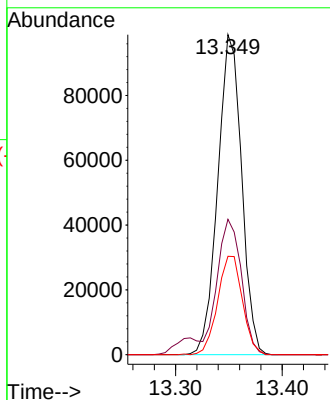
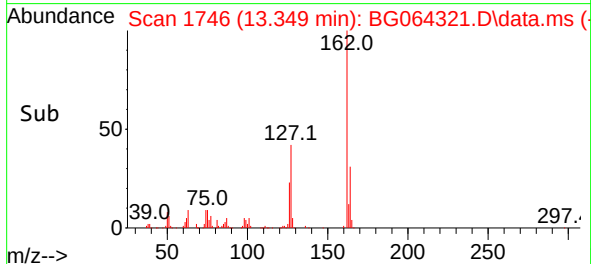
Instrument : BNA_G
ClientSampleId : PB169604BS



Tgt Ion:162 Resp: 153781
Ion Ratio Lower Upper
162 100
127 42.3 33.9 50.9
164 30.7 25.4 38.2

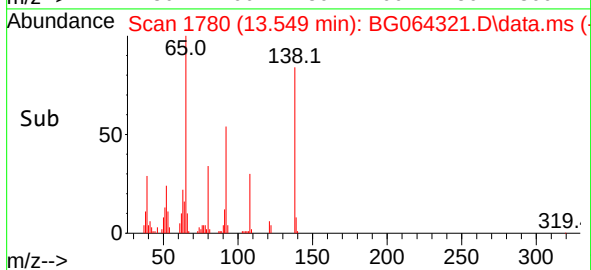
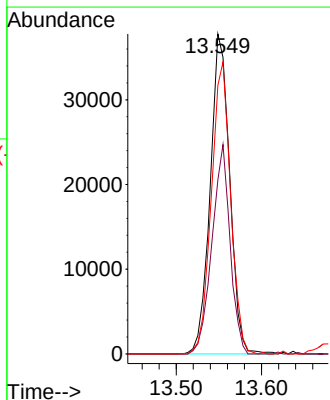
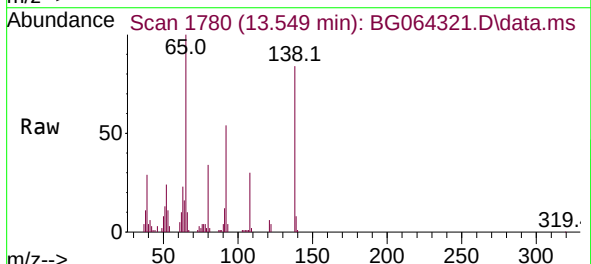
Manual Integrations
APPROVED

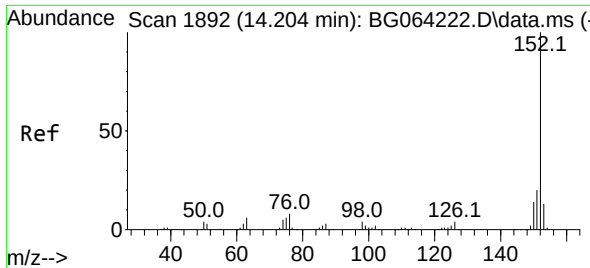
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#48
2-Nitroaniline
Concen: 45.579 ng
RT: 13.549 min Scan# 1780
Delta R.T. -0.015 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion: 65 Resp: 59873
Ion Ratio Lower Upper
65 100
92 54.4 49.2 73.8
138 84.0 76.8 115.2





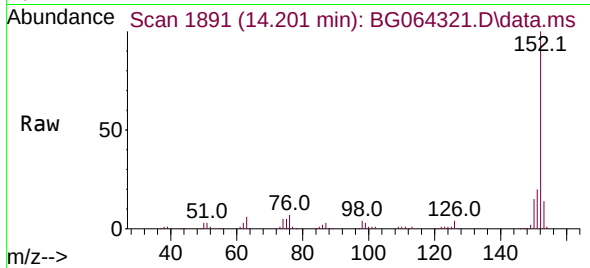
#49
Acenaphthylene
Concen: 46.251 ng
RT: 14.201 min Scan# 1892
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS



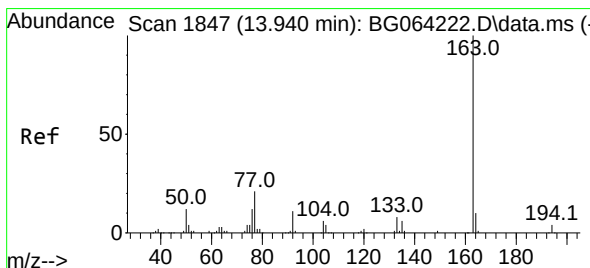
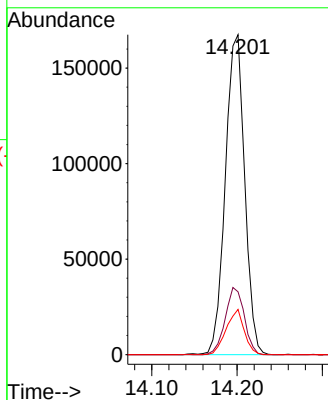
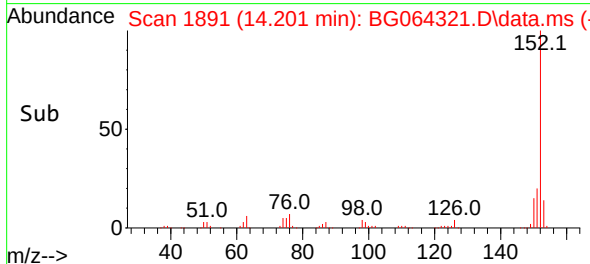
Tgt Ion:152 Resp: 263499
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 14.1 10.1 15.1

Manual Integrations

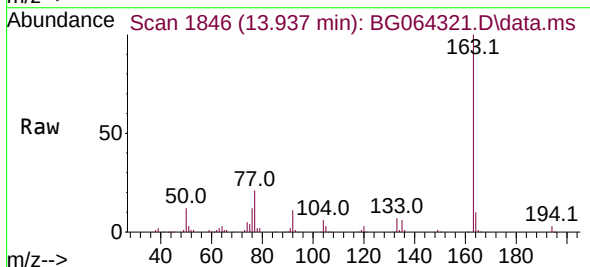
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

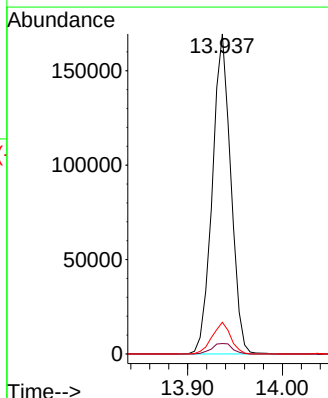
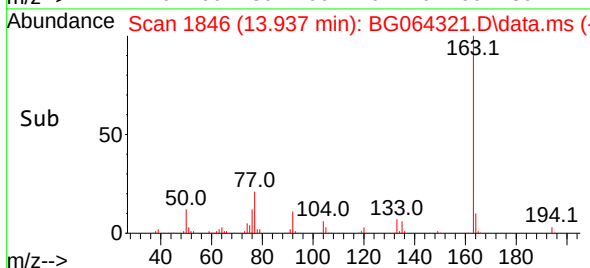
Supervised By :Jagrut Upadhyay 09/10/2025

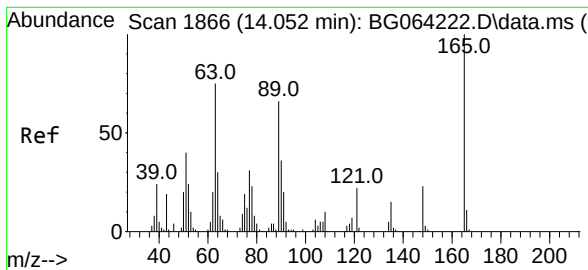


#50
Dimethylphthalate
Concen: 43.009 ng
RT: 13.937 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



Tgt Ion:163 Resp: 229134
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.371 ng
RT: 14.048 min Scan# 1866
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

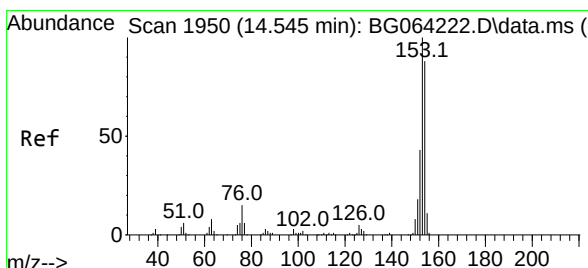
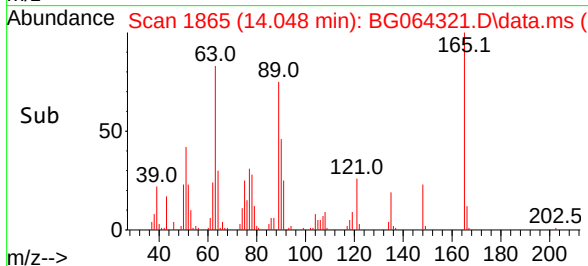
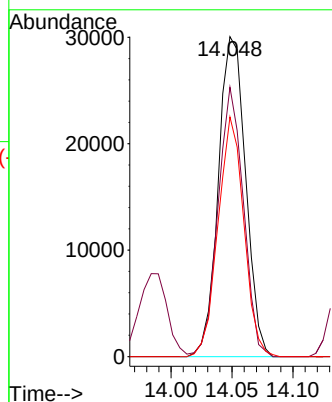
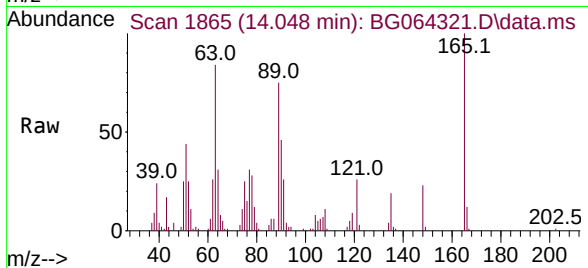
PB169604BS

Tgt Ion:165 Resp: 46795
Ion Ratio Lower Upper
165 100
63 84.2 60.3 90.5
89 74.9 52.9 79.3

Manual Integrations

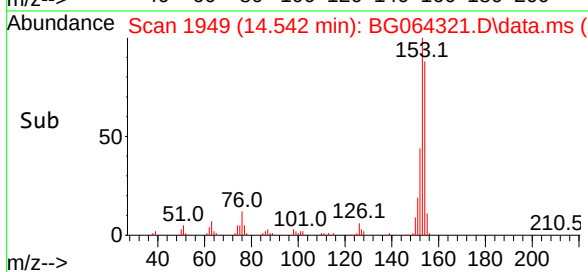
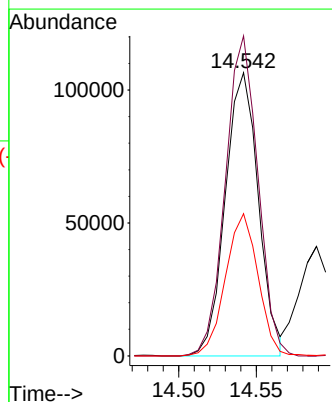
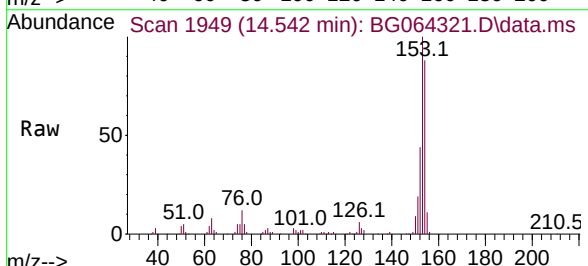
APPROVED

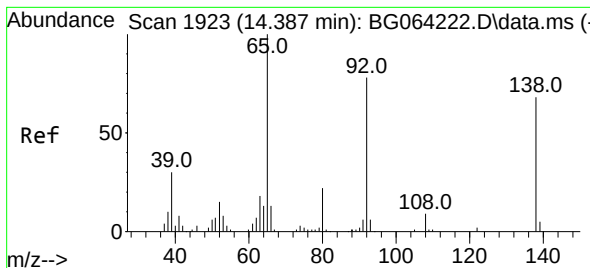
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#52
Acenaphthene
Concen: 39.405 ng
RT: 14.542 min Scan# 1949
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

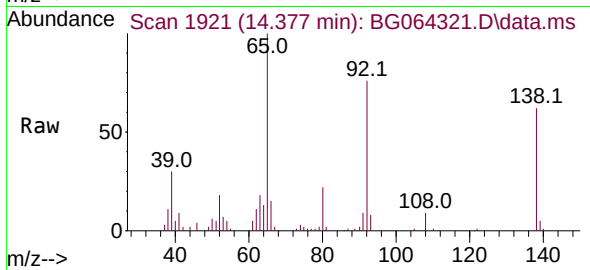
Tgt Ion:154 Resp: 158427
Ion Ratio Lower Upper
154 100
153 113.0 91.1 136.7
152 50.2 39.6 59.4





#53
3-Nitroaniline
Concen: 31.638 ng
RT: 14.377 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

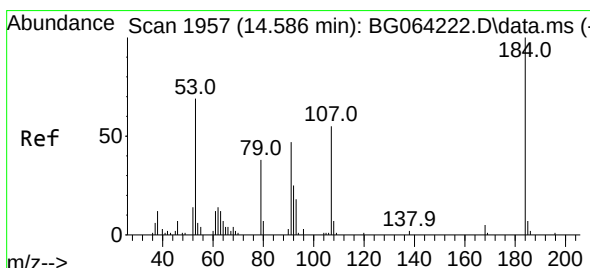
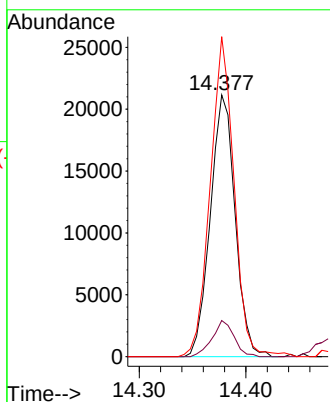
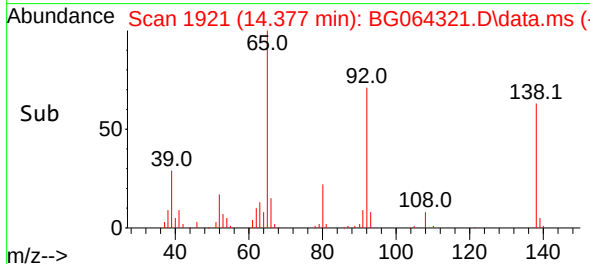
Instrument :
BNA_G
ClientSampleId :
PB169604BS



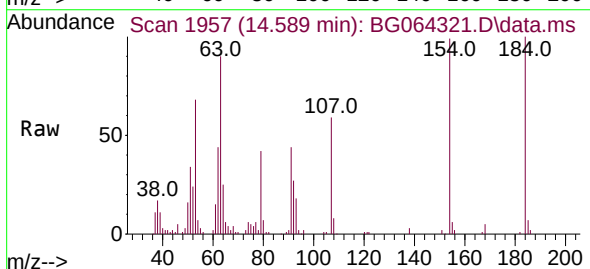
Tgt Ion:138 Resp: 3418
Ion Ratio Lower Upper
138 100
108 13.8 11.0 16.6
92 122.3 91.4 137.0

Manual Integrations
APPROVED

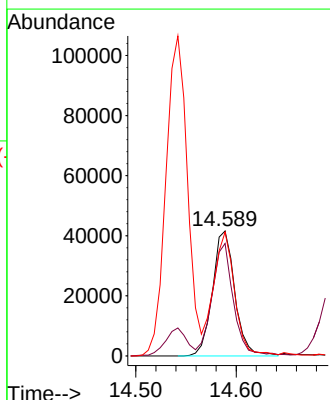
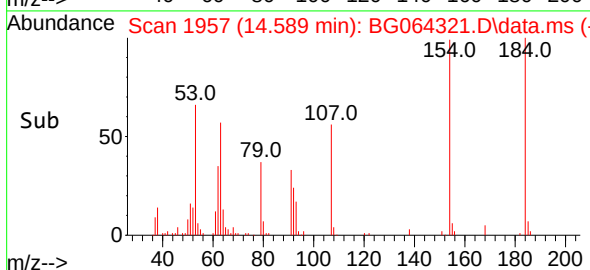
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

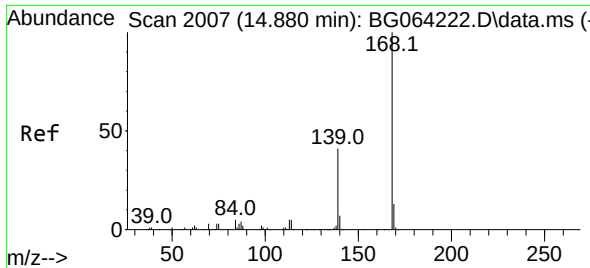


#54
2,4-Dinitrophenol
Concen: 94.577 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



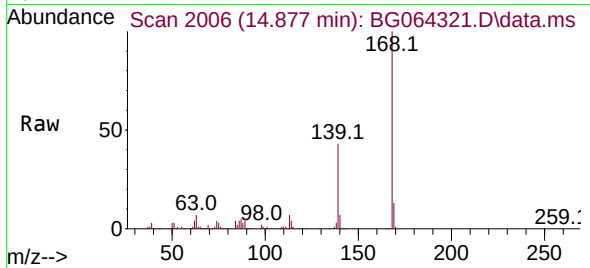
Tgt Ion:184 Resp: 64478
Ion Ratio Lower Upper
184 100
63 90.0 60.1 90.1
154 99.1 59.8 89.8#





#55
Dibenzenofuran
Concen: 41.423 ng
RT: 14.877 min Scan# 2007
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

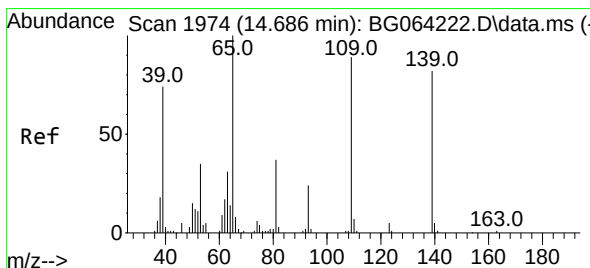
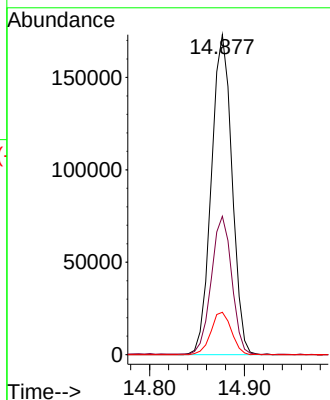
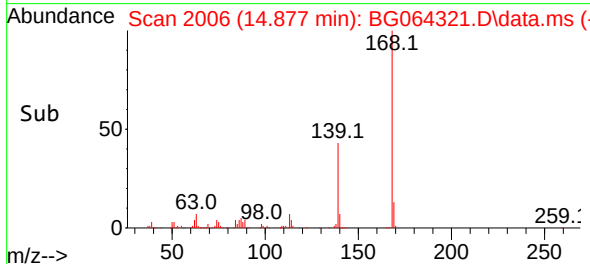
Instrument :
BNA_G
ClientSampleId :
PB169604BS



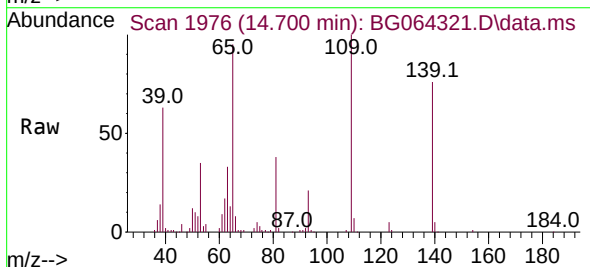
Tgt Ion:168 Resp: 261956
Ion Ratio Lower Upper
168 100
139 43.2 33.2 49.8
169 13.2 10.4 15.6

Manual Integrations
APPROVED

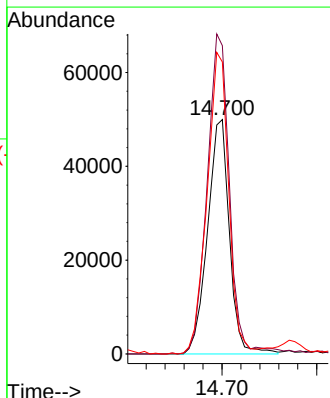
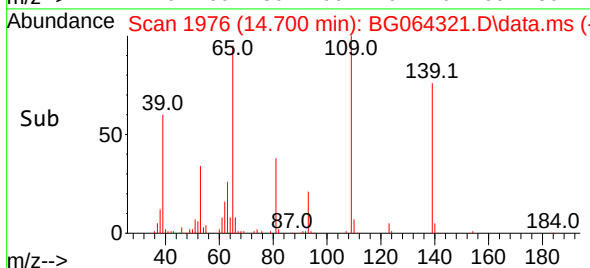
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

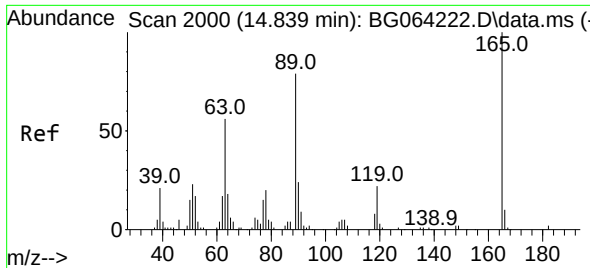


#56
4-Nitrophenol
Concen: 90.274 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.002 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



Tgt Ion:139 Resp: 80003
Ion Ratio Lower Upper
139 100
109 131.5 89.1 129.1#
65 124.5 102.9 142.9





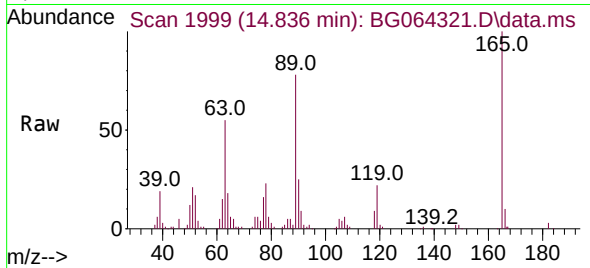
#57
2,4-Dinitrotoluene
Concen: 49.599 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS

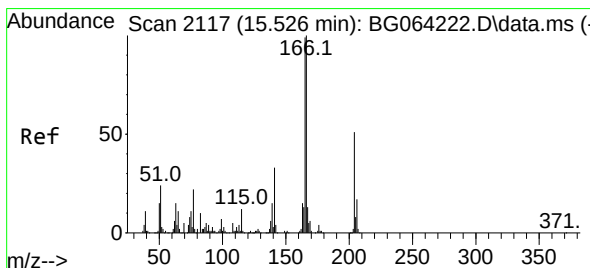
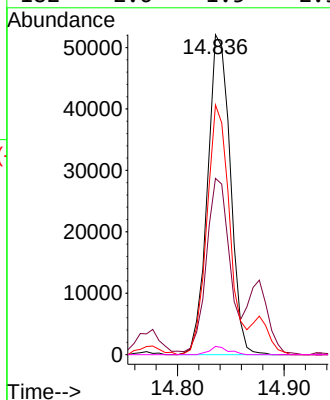
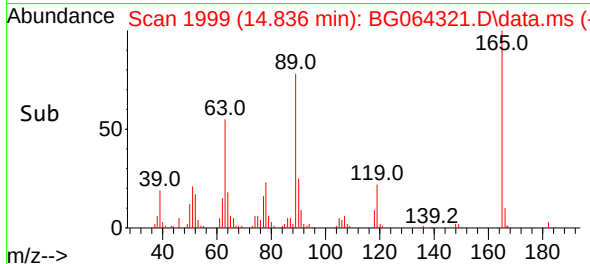


Tgt Ion:165 Resp: 77348
Ion Ratio Lower Upper
165 100
63 55.1 44.6 67.0
89 78.0 63.0 94.4
182 2.6 1.5 2.3#

Manual Integrations

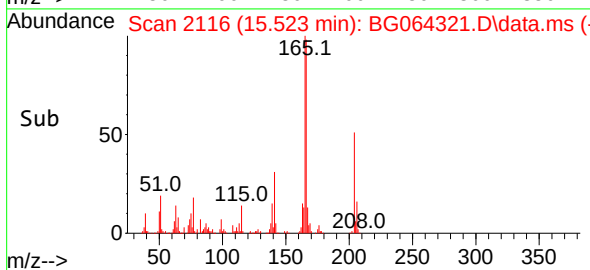
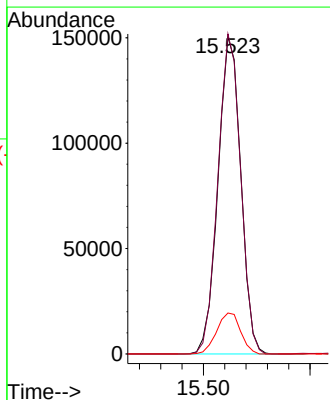
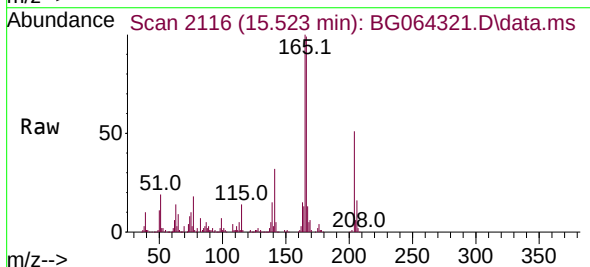
APPROVED

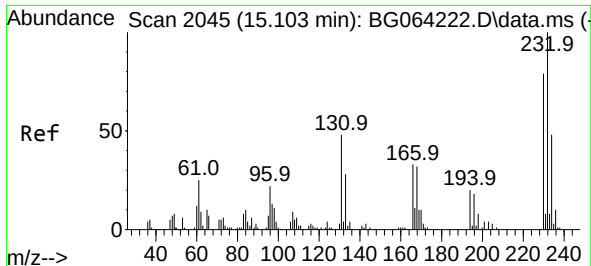
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#58
Fluorene
Concen: 43.095 ng
RT: 15.523 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:166 Resp: 223373
Ion Ratio Lower Upper
166 100
165 100.8 79.1 118.7
167 12.9 10.2 15.4





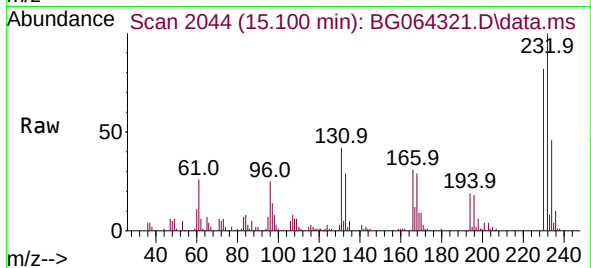
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.983 ng
RT: 15.100 min Scan# 2044
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS



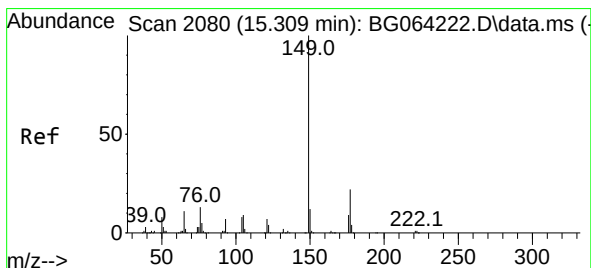
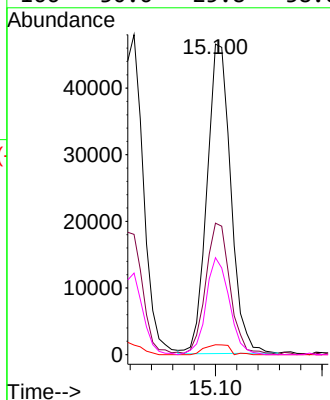
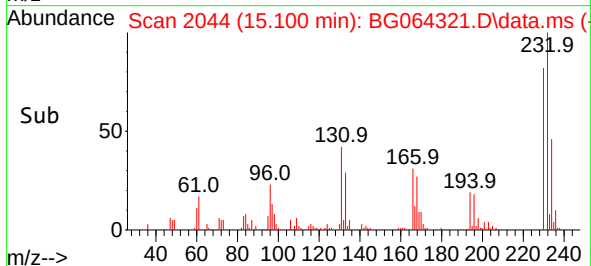
Tgt Ion:232 Resp: 72202
Ion Ratio Lower Upper
232 100
131 43.5 37.1 55.7
130 3.4 2.6 3.8
166 30.6 25.8 38.6

Manual Integrations

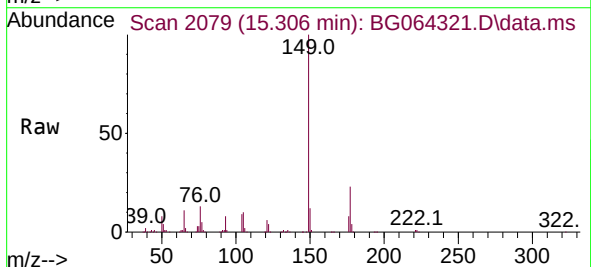
APPROVED

Reviewed By :Rahul Chavli 09/10/2025

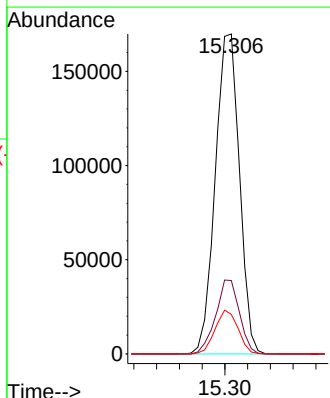
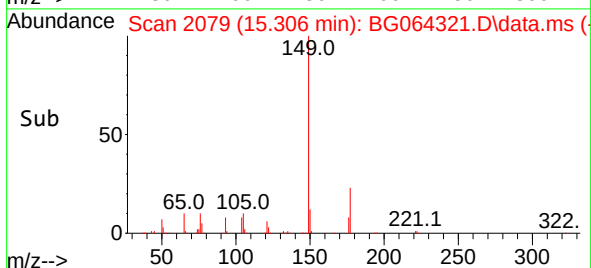
Supervised By :Jagrut Upadhyay 09/10/2025

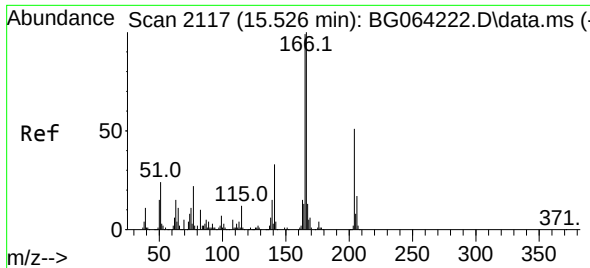


#60
Diethylphthalate
Concen: 43.846 ng
RT: 15.306 min Scan# 2079
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



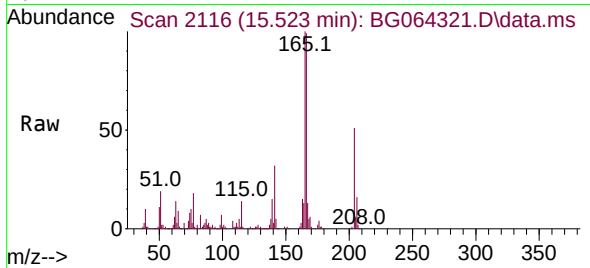
Tgt Ion:149 Resp: 249991
Ion Ratio Lower Upper
149 100
177 22.9 17.5 26.3
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.555 ng
RT: 15.523 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

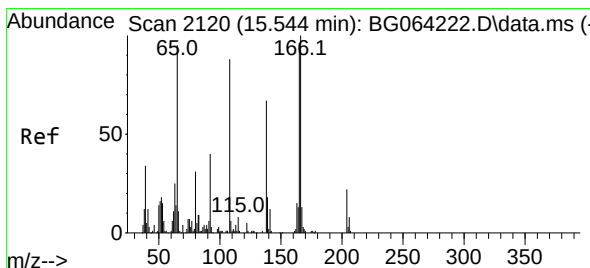
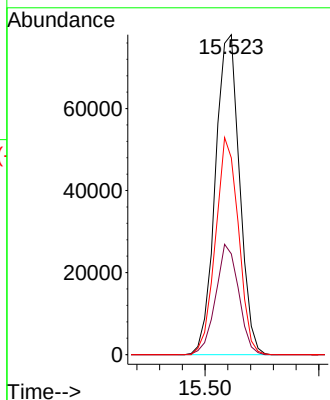
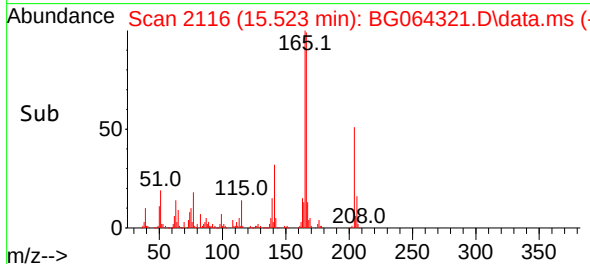
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion:204 Resp: 115145
Ion Ratio Lower Upper
204 100
206 31.5 26.2 39.4
141 61.5 51.9 77.9

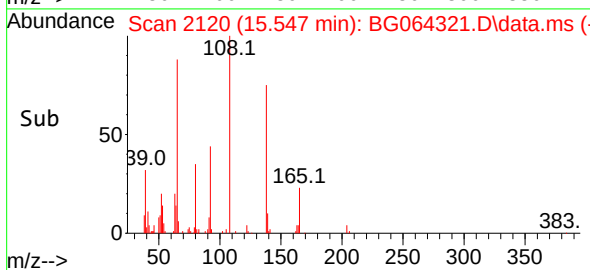
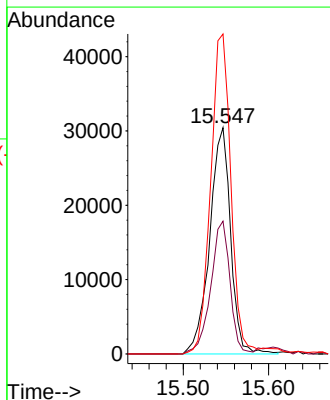
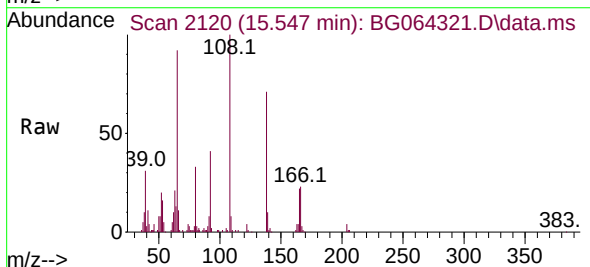
Manual Integrations
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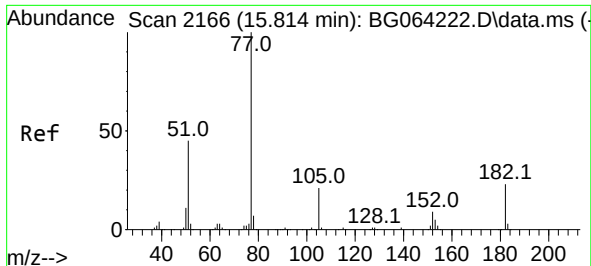
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 47.009 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:138 Resp: 51824
Ion Ratio Lower Upper
138 100
92 58.7 39.1 79.1
108 141.5 111.3 151.3





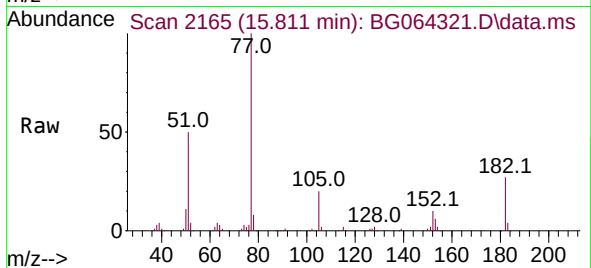
#63
Azobenzene
Concen: 40.697 ng
RT: 15.811 min Scan# 2166
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS

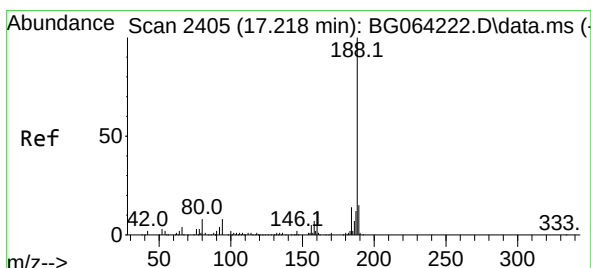
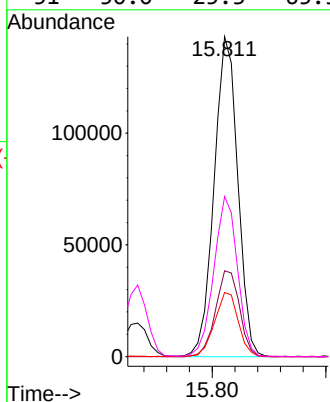
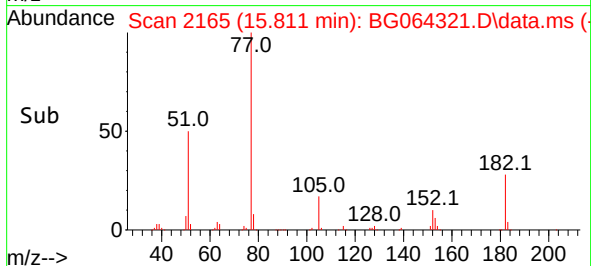


Tgt Ion: 77 Resp: 206812
Ion Ratio Lower Upper
77 100
182 26.8 3.3 43.3
105 20.0 0.6 40.6
51 50.0 25.3 65.3

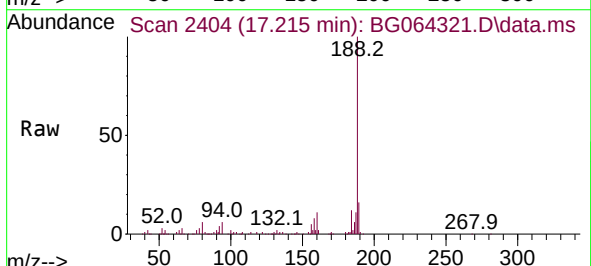
Manual Integrations

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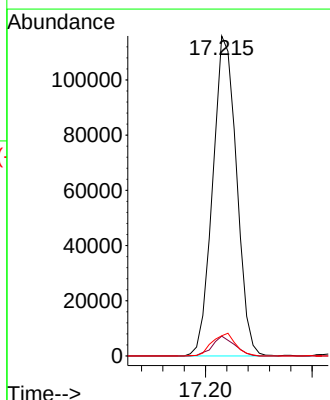
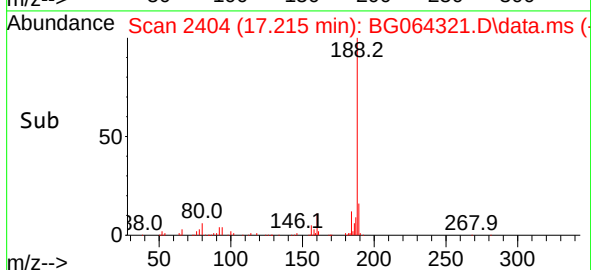
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

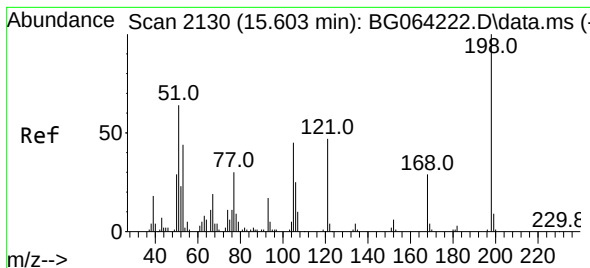


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



Tgt Ion:188 Resp: 180400
Ion Ratio Lower Upper
188 100
94 6.2 6.2 9.4#
80 6.3 6.8 10.2#





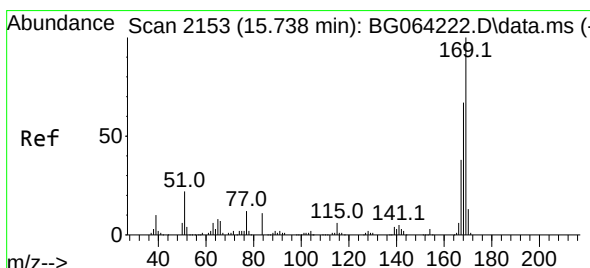
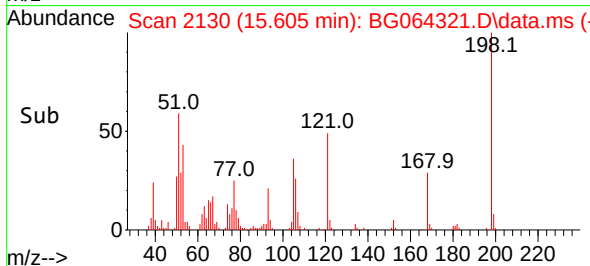
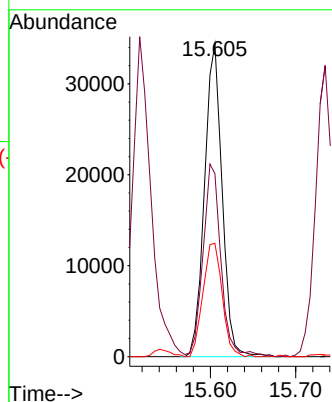
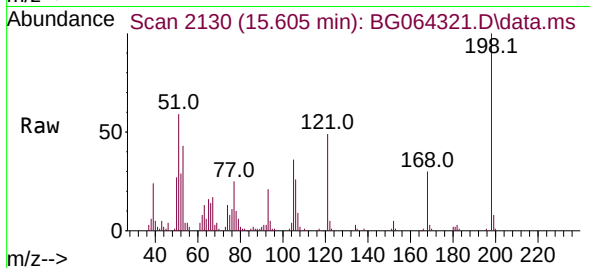
#65
4,6-Dinitro-2-methylphenol
Concen: 47.675 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :
BNA_G
ClientSampleId :
PB169604BS

Tgt Ion:198 Resp: 49379
Ion Ratio Lower Upper
198 100
51 58.6 46.2 86.2
105 36.3 25.0 65.0

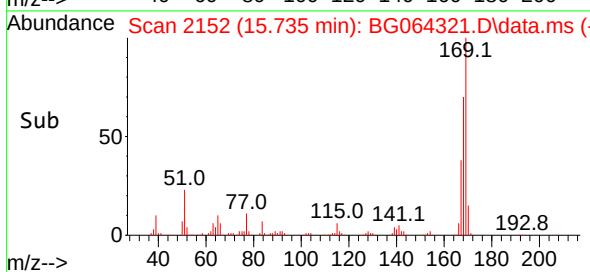
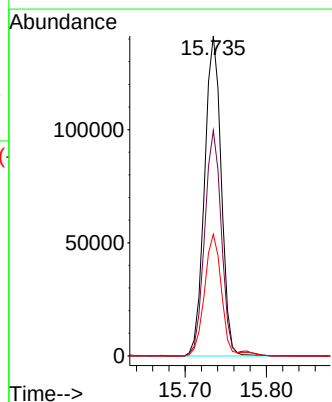
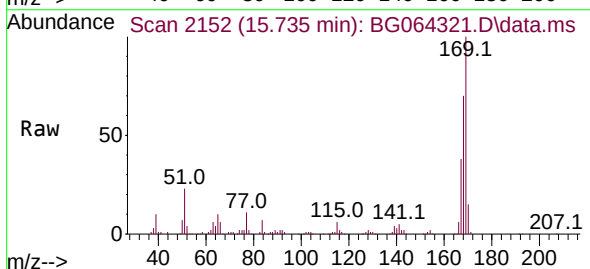
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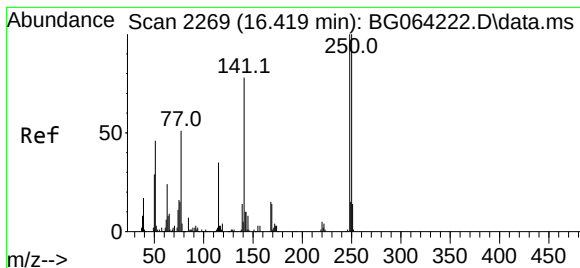
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#66
n-Nitrosodiphenylamine
Concen: 40.672 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

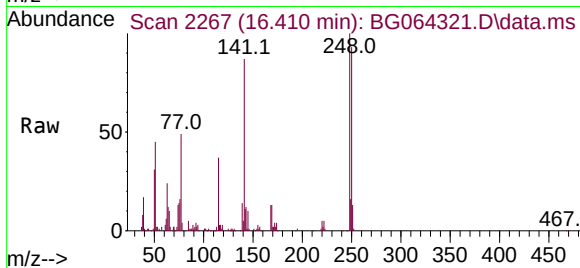
Tgt Ion:169 Resp: 201840
Ion Ratio Lower Upper
169 100
168 70.4 53.8 80.8
167 38.0 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 43.921 ng
RT: 16.410 min Scan# 2267
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

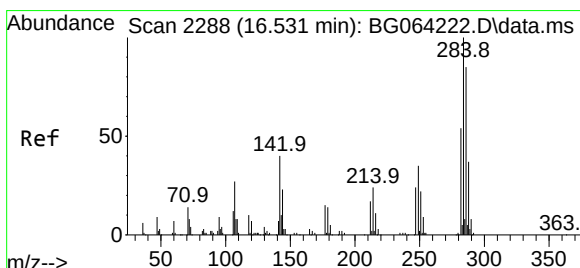
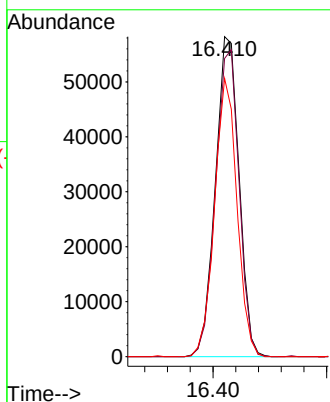
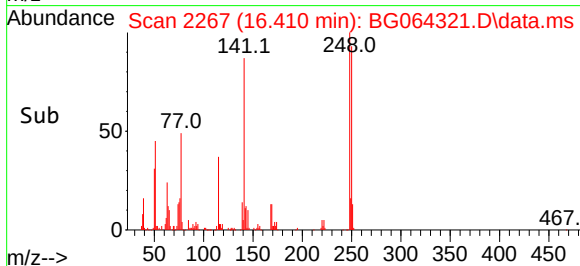
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion:248 Resp: 84156
Ion Ratio Lower Upper
248 100
250 93.2 80.2 120.4
141 86.9 62.4 93.6

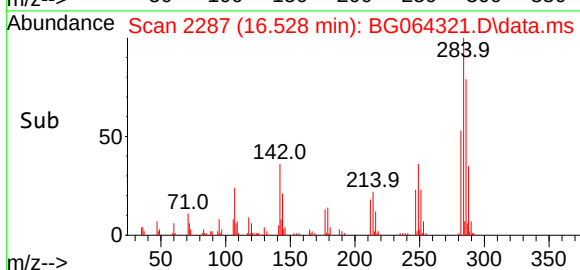
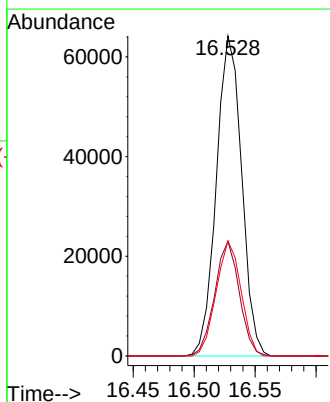
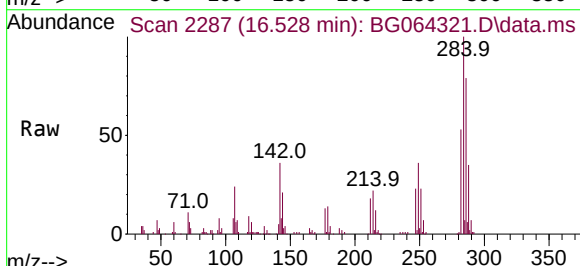
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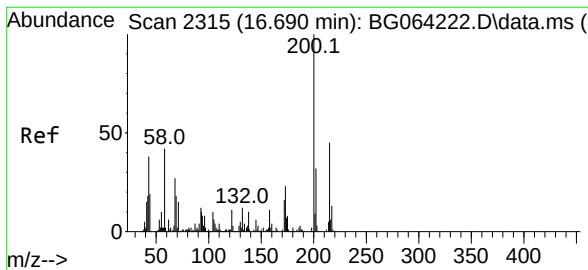
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#68
Hexachlorobenzene
Concen: 43.588 ng
RT: 16.528 min Scan# 2287
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:284 Resp: 92746
Ion Ratio Lower Upper
284 100
142 35.8 32.1 48.1
249 35.9 28.3 42.5





#69
 Atrazine
 Concen: 44.639 ng
 RT: 16.686 min Scan# 2315
 Delta R.T. -0.009 min
 Lab File: BG064321.D
 Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

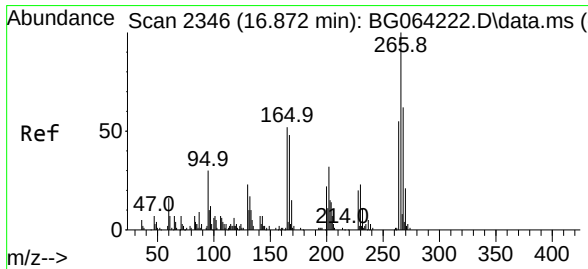
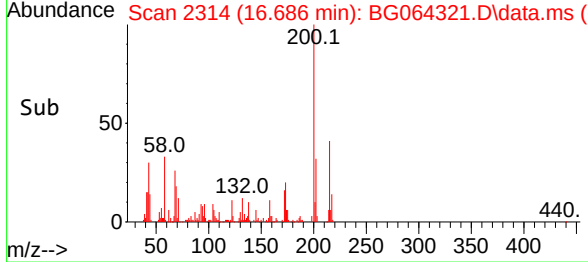
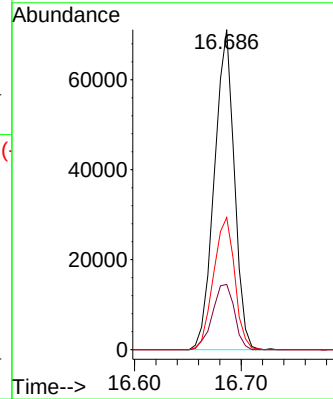
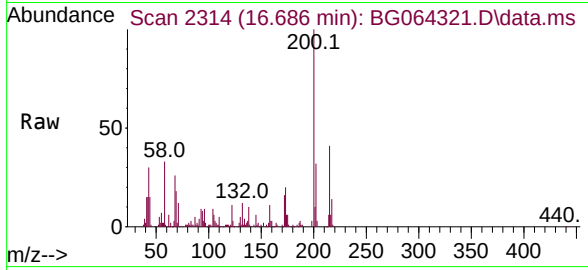
ClientSampleId :

PB169604BS

Tgt Ion:200 Resp: 92498
 Ion Ratio Lower Upper
 200 100
 173 20.4 3.5 43.5
 215 41.3 24.8 64.8

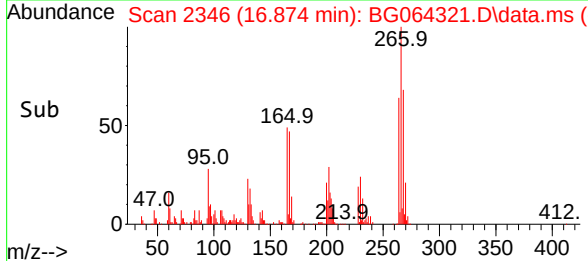
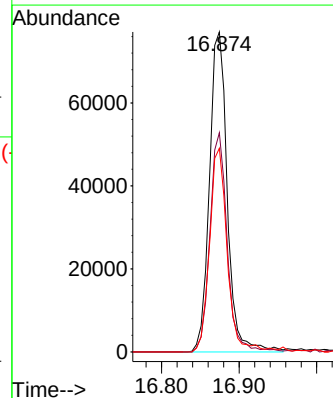
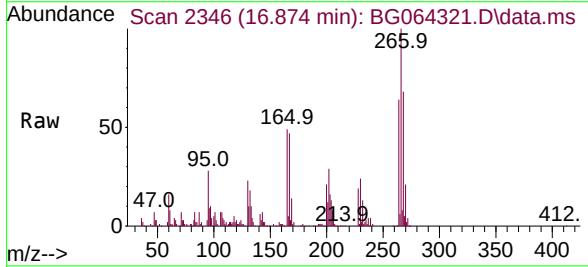
Manual Integrations
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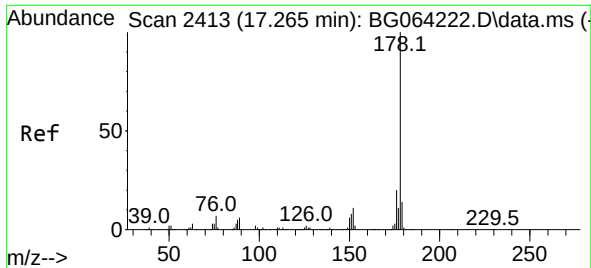
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#70
 Pentachlorophenol
 Concen: 95.485 ng
 RT: 16.874 min Scan# 2346
 Delta R.T. -0.004 min
 Lab File: BG064321.D
 Acq: 9 Sep 2025 13:00

Tgt Ion:266 Resp: 123191
 Ion Ratio Lower Upper
 266 100
 268 68.5 49.4 74.0
 264 63.6 44.3 66.5





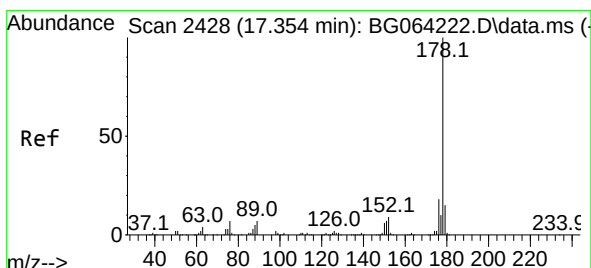
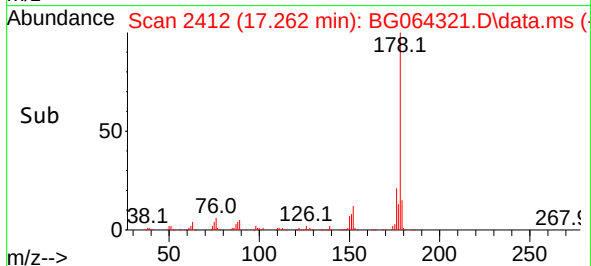
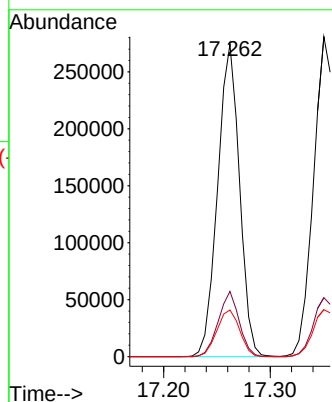
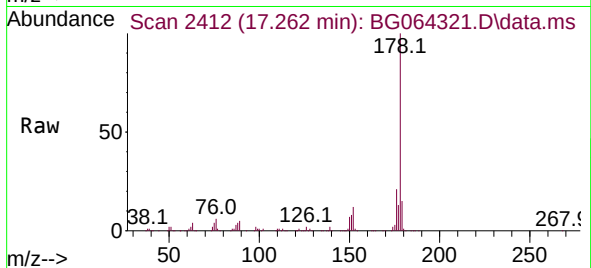
#71
Phenanthrene
Concen: 41.144 ng
RT: 17.262 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :
BNA_G
ClientSampleId :
PB169604BS

Tgt Ion:178 Resp: 391485
Ion Ratio Lower Upper
178 100
176 20.9 15.9 23.9
179 14.9 11.4 17.2

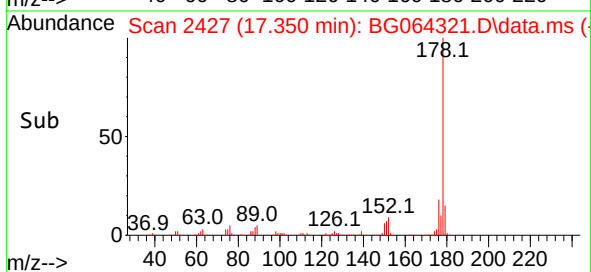
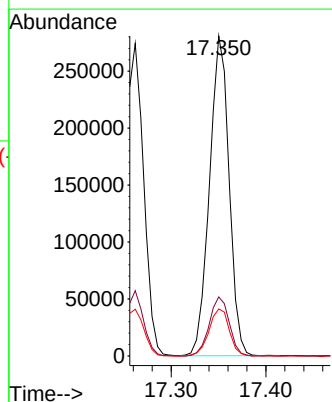
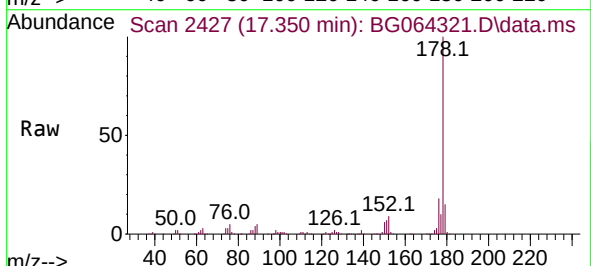
Manual Integrations
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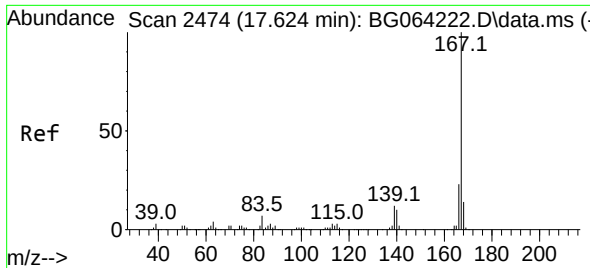
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#72
Anthracene
Concen: 41.660 ng
RT: 17.350 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

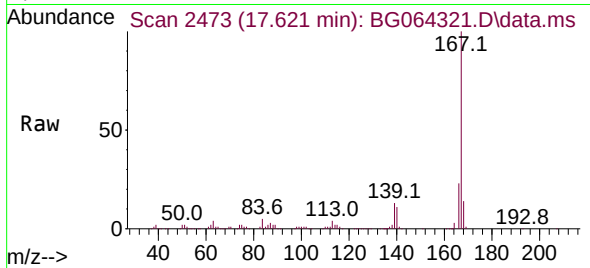
Tgt Ion:178 Resp: 403217
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 14.7 12.1 18.1





#73
 Carbazole
 Concen: 41.795 ng
 RT: 17.621 min Scan# 2473
 Delta R.T. -0.004 min
 Lab File: BG064321.D
 Acq: 9 Sep 2025 13:00

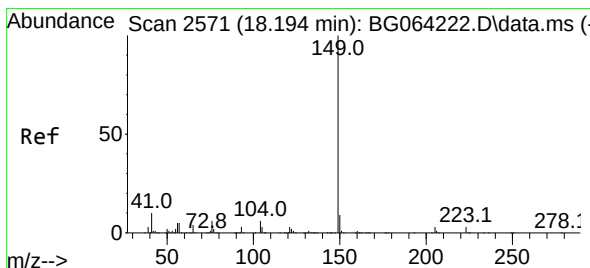
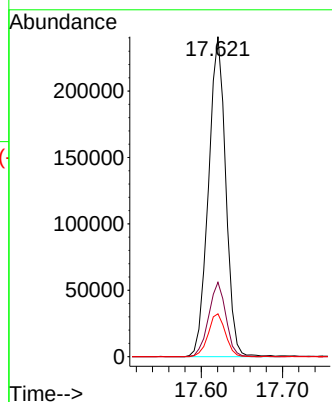
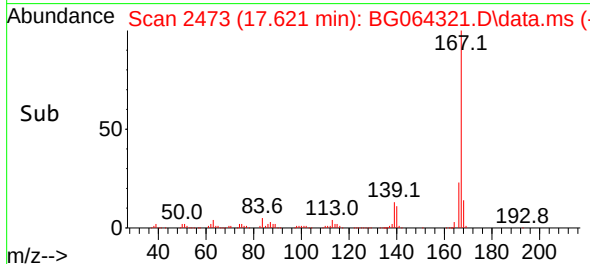
Instrument :
 BNA_G
 ClientSampleId :
 PB169604BS



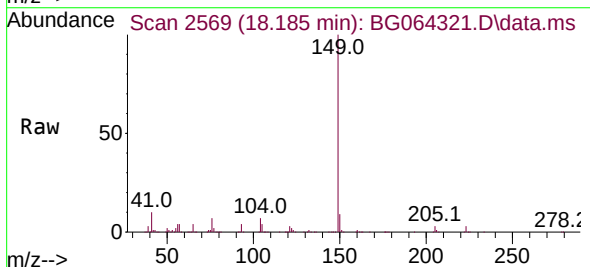
Tgt Ion:167 Resp: 356359
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.2
 139 13.4 9.8 14.6

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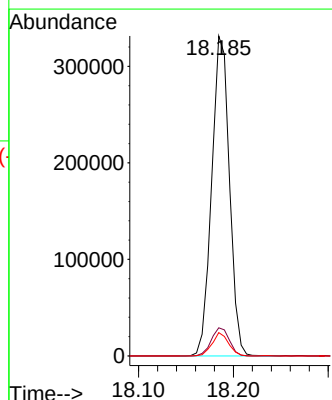
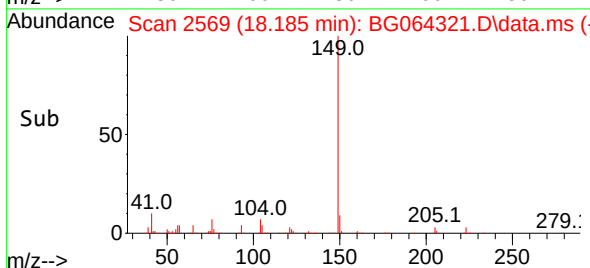
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

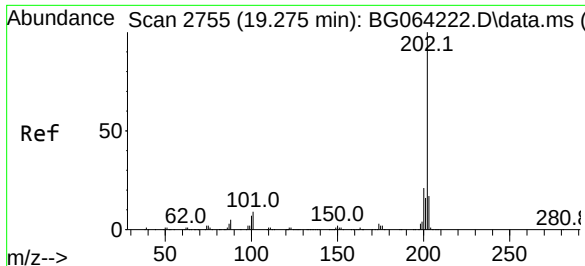


#74
 Di-n-butylphthalate
 Concen: 42.065 ng
 RT: 18.185 min Scan# 2569
 Delta R.T. -0.009 min
 Lab File: BG064321.D
 Acq: 9 Sep 2025 13:00



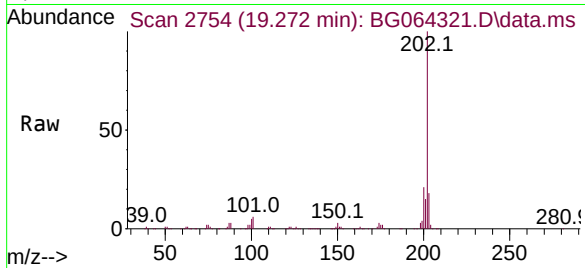
Tgt Ion:149 Resp: 430904
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 7.3 4.6 7.0#





#75
Fluoranthene
Concen: 42.773 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

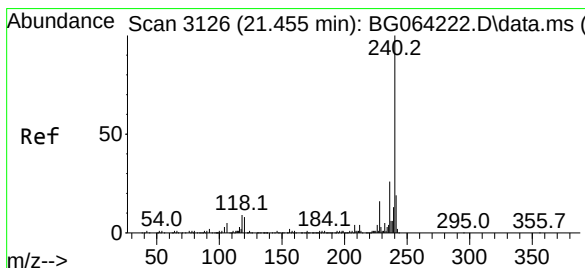
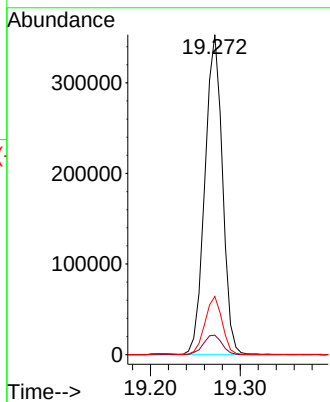
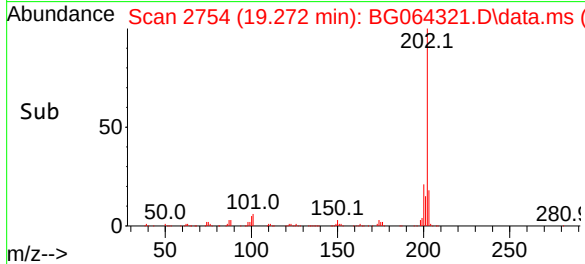
Instrument :
BNA_G
ClientSampleId :
PB169604BS



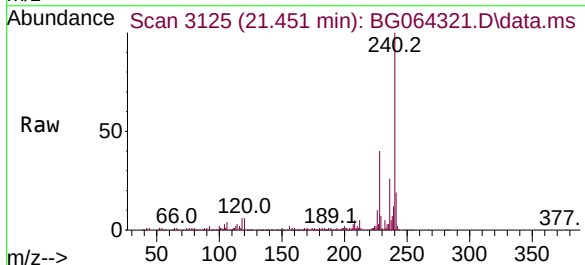
Tgt Ion:202 Resp: 478536
Ion Ratio Lower Upper
202 100
101 6.1 0.0 28.7
203 18.2 0.0 36.9

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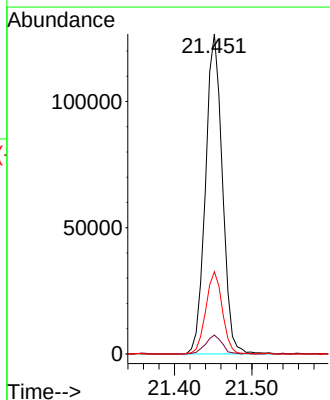
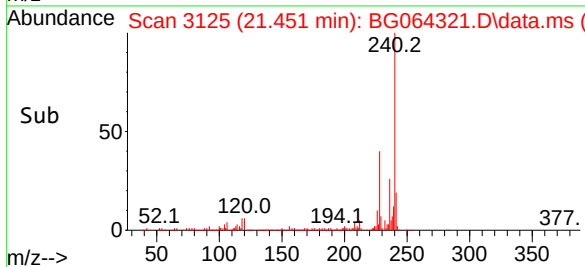
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

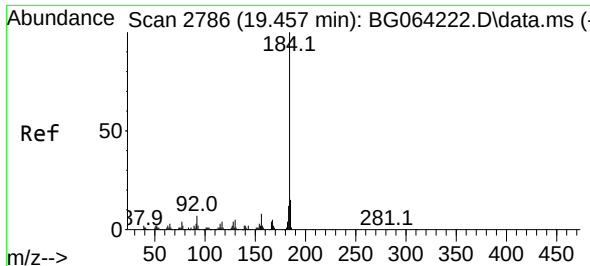


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



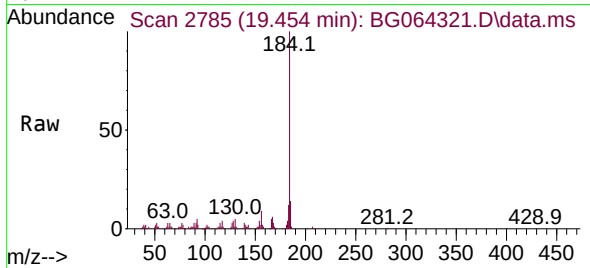
Tgt Ion:240 Resp: 191478
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.4#
236 25.7 20.5 30.7





#77
Benzidine
Concen: 38.840 ng
RT: 19.454 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

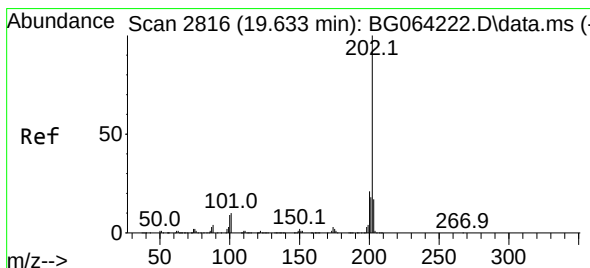
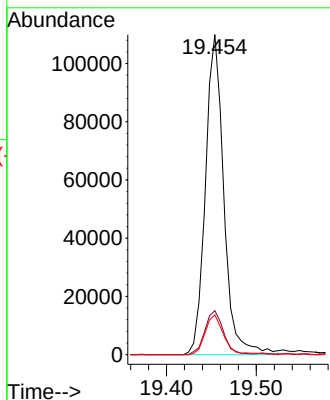
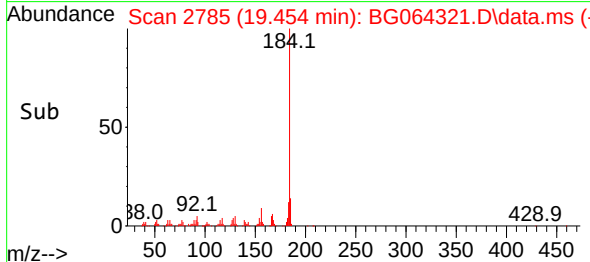
Instrument :
BNA_G
ClientSampleId :
PB169604BS



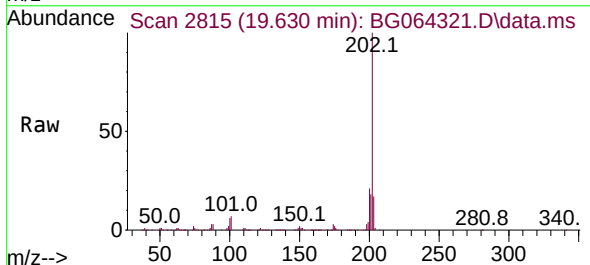
Tgt Ion:184 Resp: 156448
Ion Ratio Lower Upper
184 100
185 13.7 11.7 17.5
183 12.4 9.7 14.5

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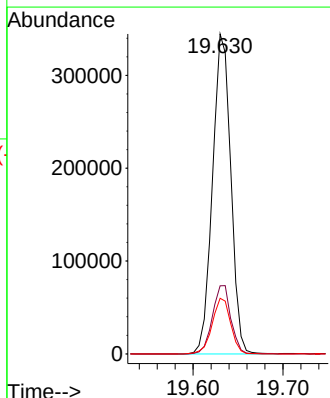
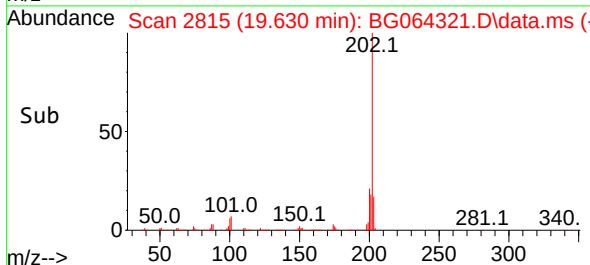
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

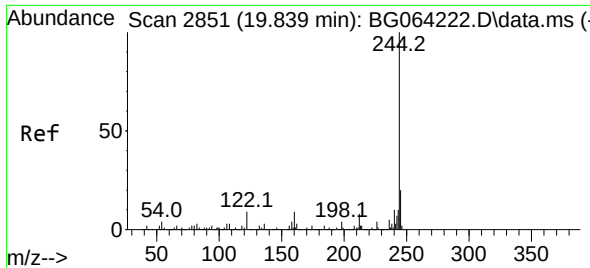


#78
Pyrene
Concen: 40.631 ng
RT: 19.630 min Scan# 2815
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00



Tgt Ion:202 Resp: 490145
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.4 13.8 20.8





#79
 Terphenyl-d14
 Concen: 88.551 ng
 RT: 19.836 min Scan# 2851
 Delta R.T. -0.009 min
 Lab File: BG064321.D
 Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

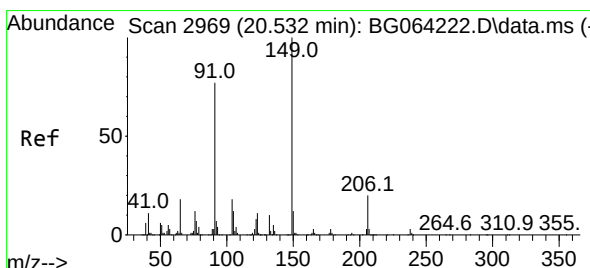
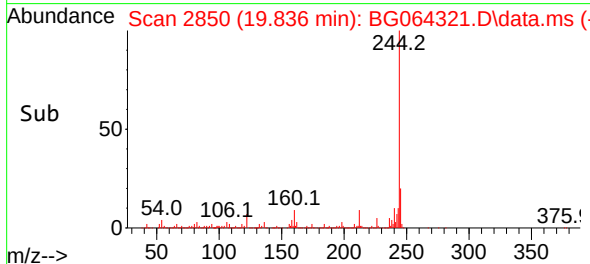
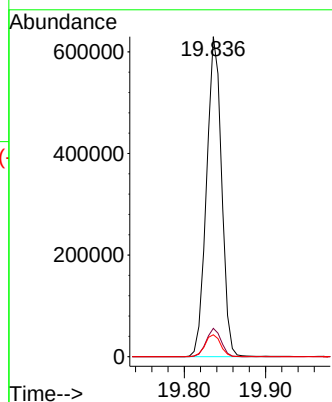
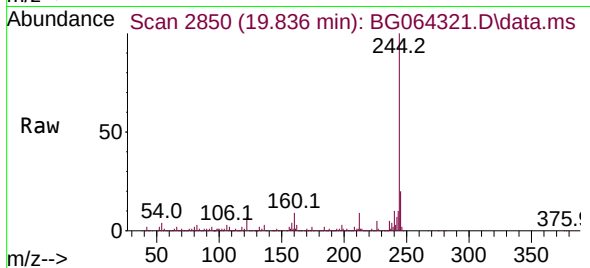
PB169604BS

Tgt Ion:244 Resp: 812695
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 6.8 7.0 10.6

Manual Integrations

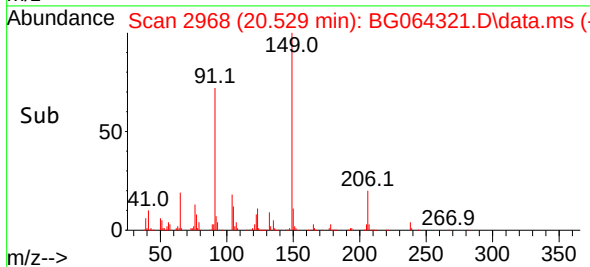
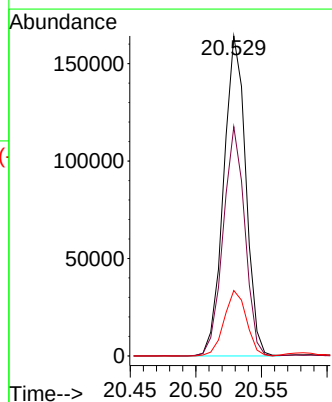
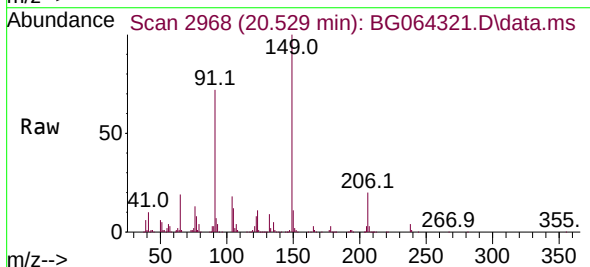
APPROVED

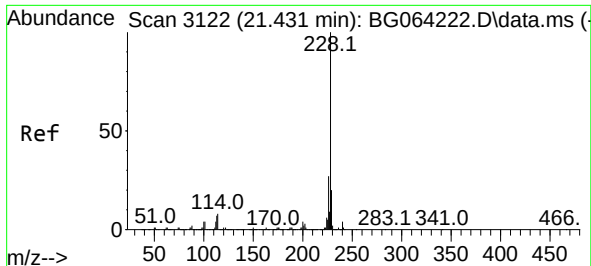
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#80
 Butylbenzylphthalate
 Concen: 42.245 ng
 RT: 20.529 min Scan# 2968
 Delta R.T. -0.004 min
 Lab File: BG064321.D
 Acq: 9 Sep 2025 13:00

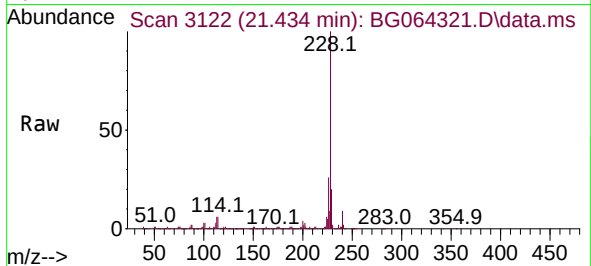
Tgt Ion:149 Resp: 192215
 Ion Ratio Lower Upper
 149 100
 91 71.6 61.4 92.0
 206 20.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 41.075 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

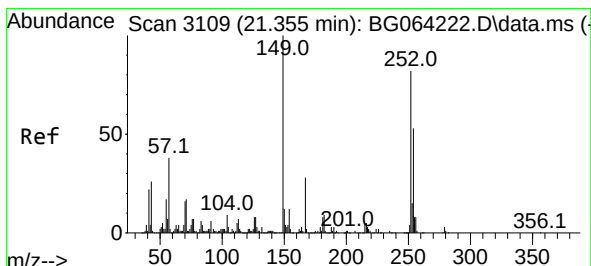
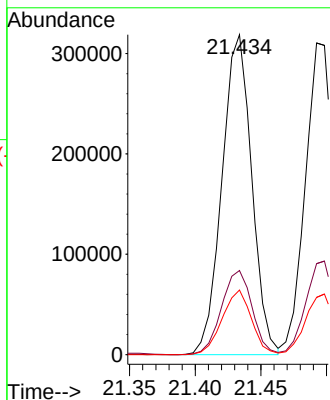
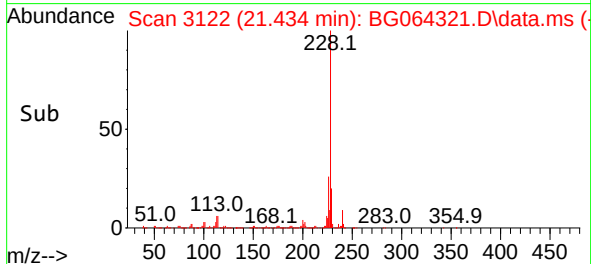
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion:228 Resp: 503168
Ion Ratio Lower Upper
228 100
226 26.3 21.7 32.5
229 20.2 15.9 23.9

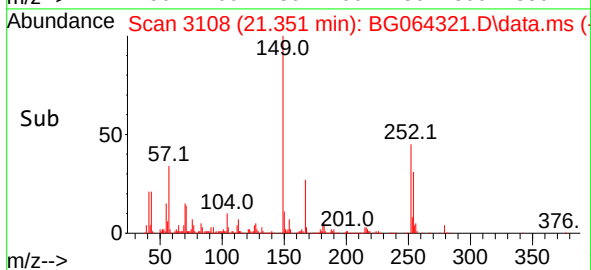
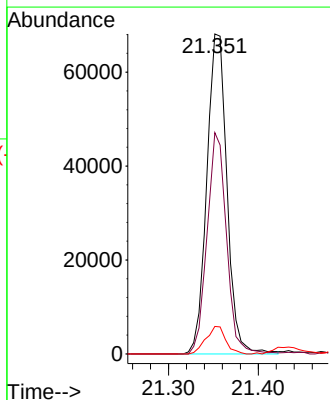
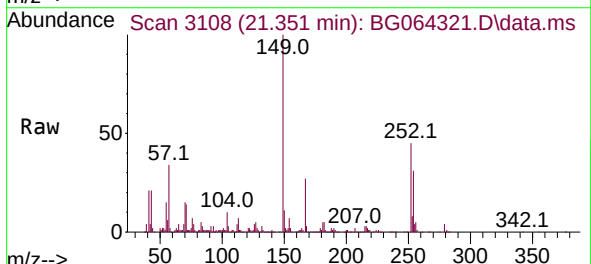
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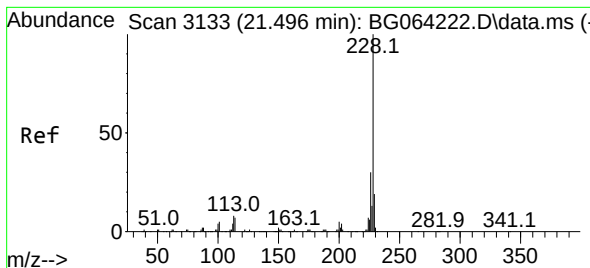
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 26.720 ng
RT: 21.351 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:252 Resp: 106602
Ion Ratio Lower Upper
252 100
254 69.2 51.9 77.9
126 8.6 7.6 11.4





#83

Chrysene

Concen: 40.674 ng

RT: 21.492 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064321.D

Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS

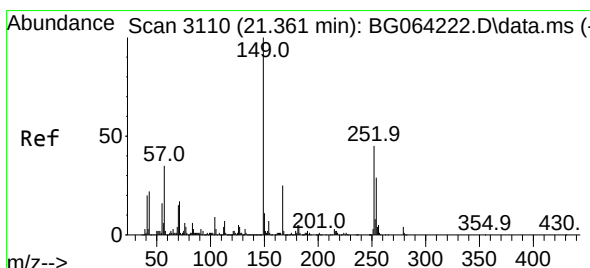
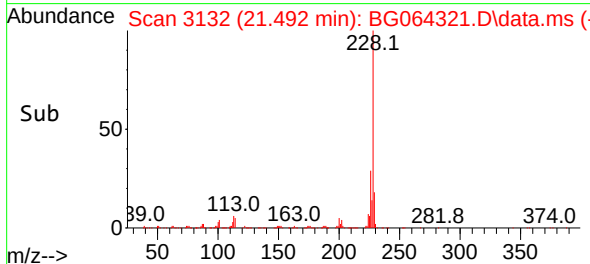
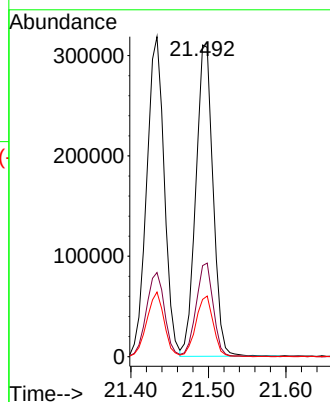
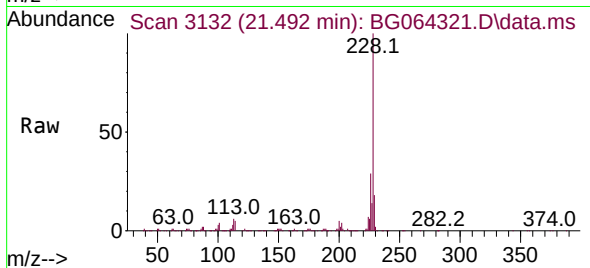
Tgt Ion:228 Resp: 478345
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.2 36.2
 229 18.3 15.4 23.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.786 ng

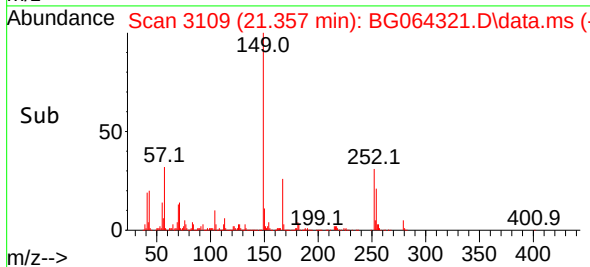
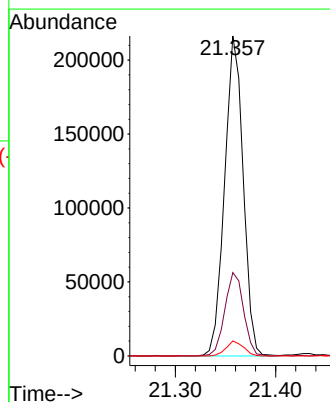
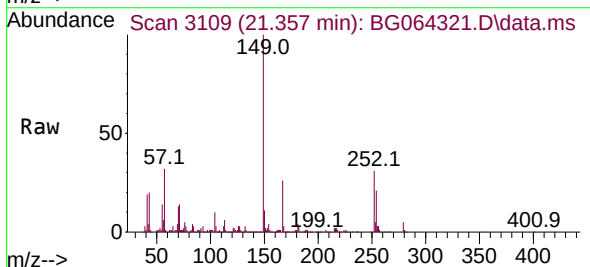
RT: 21.357 min Scan# 3109

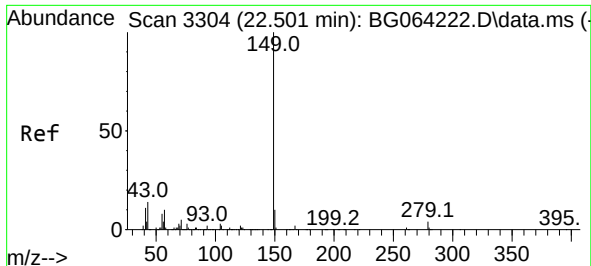
Delta R.T. -0.009 min

Lab File: BG064321.D

Acq: 9 Sep 2025 13:00

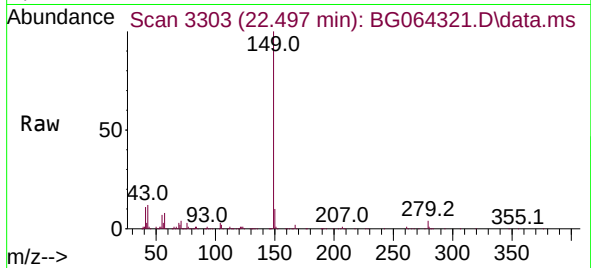
Tgt Ion:149 Resp: 278616
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.0 30.0
 279 4.7 3.0 4.4#





#85
Di-n-octyl phthalate
Concen: 40.201 ng
RT: 22.497 min Scan# 3304
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

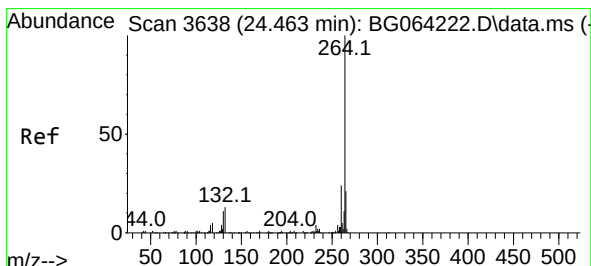
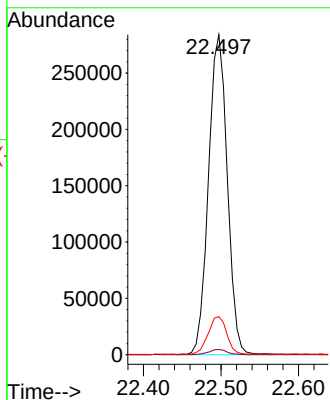
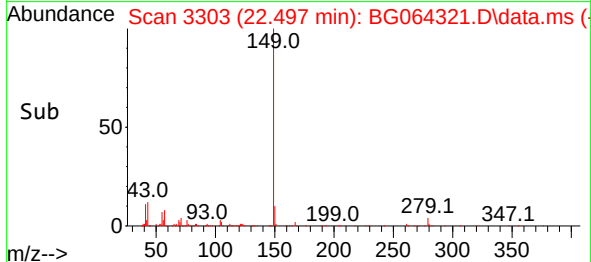
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion:149 Resp: 478502
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.1 10.8 16.2

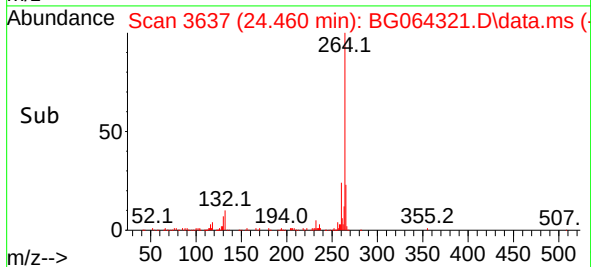
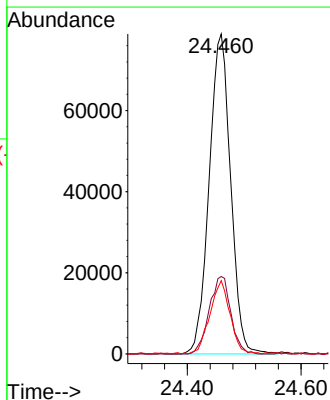
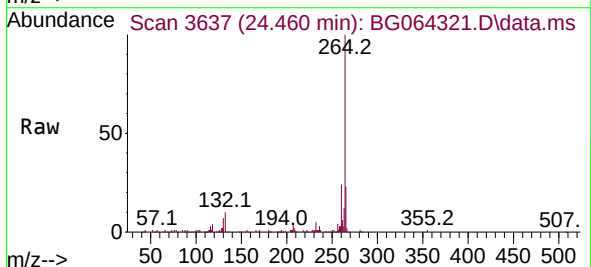
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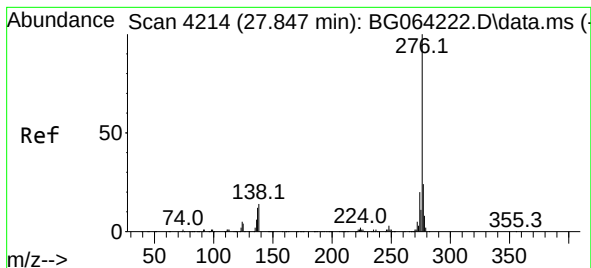
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:264 Resp: 206677
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 22.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.413 ng

RT: 27.856 min Scan# 4215

Delta R.T. -0.015 min

Lab File: BG064321.D

Acq: 9 Sep 2025 13:00

Instrument :

BNA_G

ClientSampleId :

PB169604BS

Tgt Ion:276 Resp: 612735

Ion Ratio Lower Upper

276 100

138 8.5 7.4 11.0

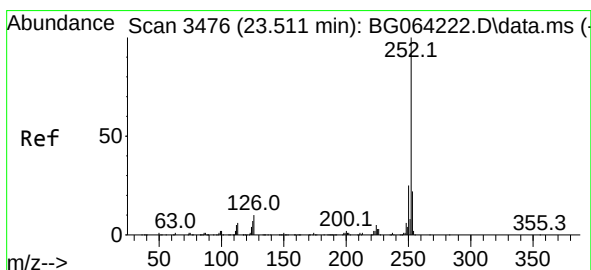
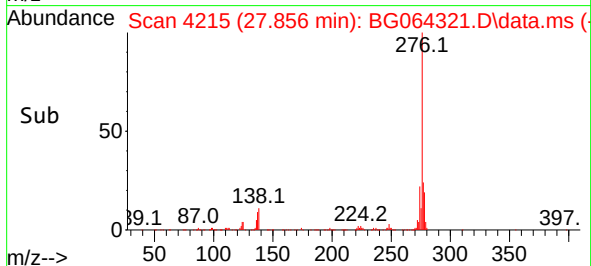
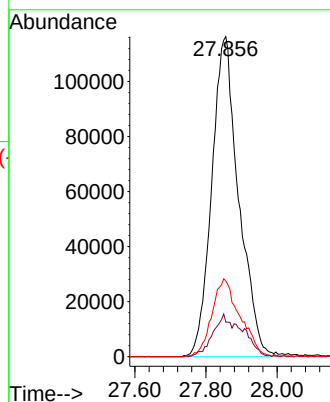
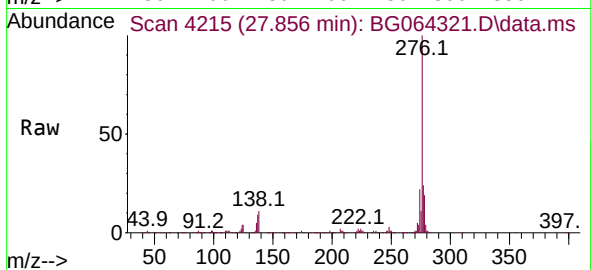
277 25.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#88

Benzo(b)fluoranthene

Concen: 43.629 ng

RT: 23.514 min Scan# 3476

Delta R.T. -0.004 min

Lab File: BG064321.D

Acq: 9 Sep 2025 13:00

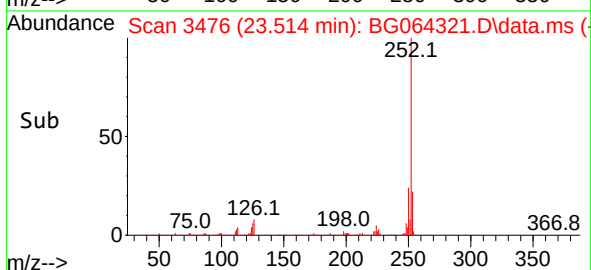
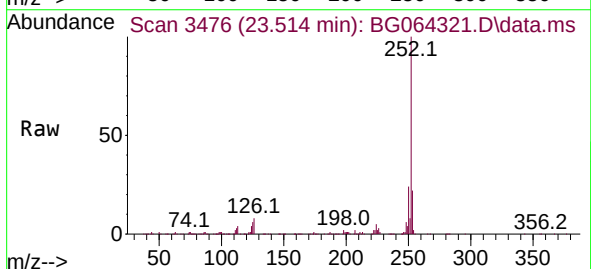
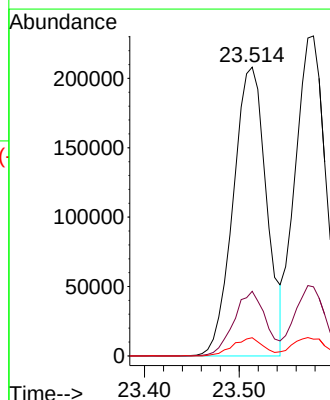
Tgt Ion:252 Resp: 508914

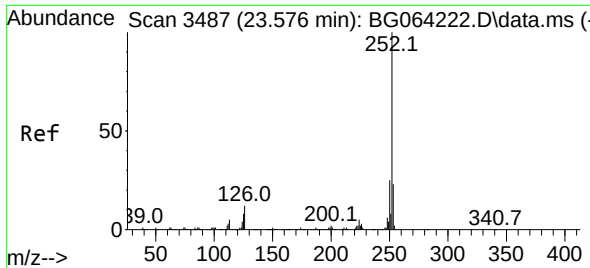
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

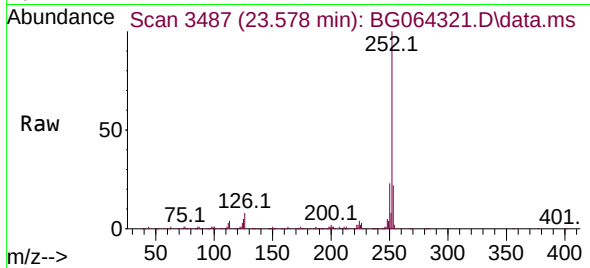
125 6.3 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 43.095 ng
RT: 23.578 min Scan# 3487
Delta R.T. -0.009 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

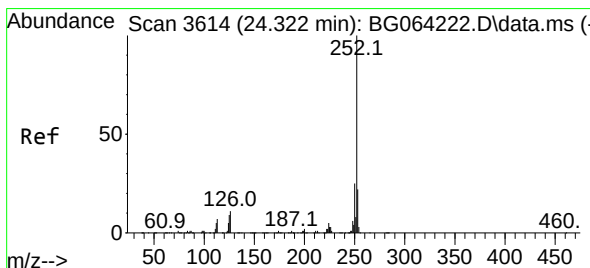
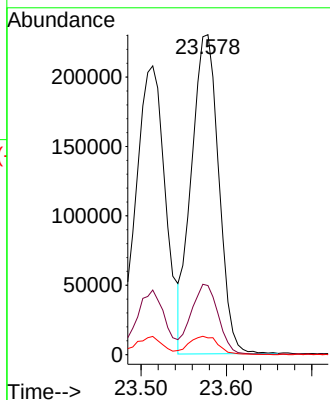
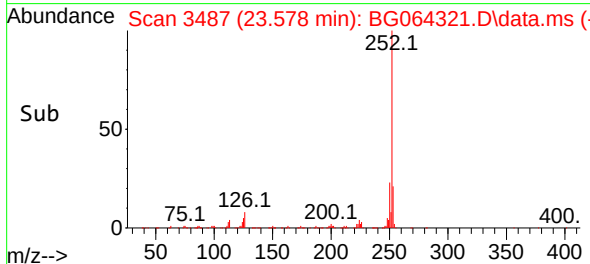
Instrument :
BNA_G
ClientSampleId :
PB169604BS



Tgt Ion:252 Resp: 512127
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 5.2 7.0 10.4

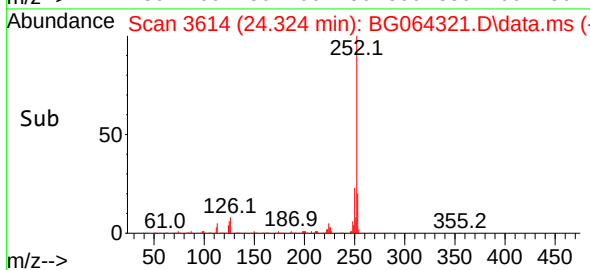
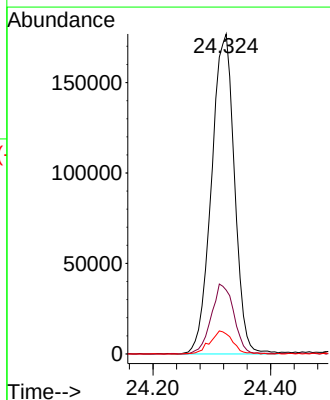
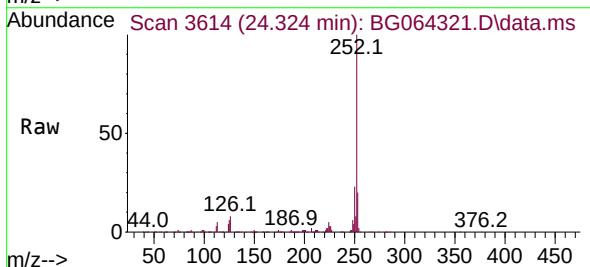
Manual Integrations
APPROVED

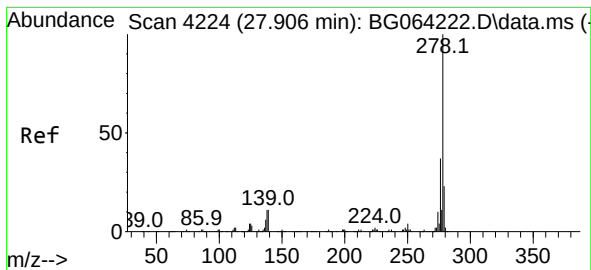
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#90
Benzo(a)pyrene
Concen: 44.150 ng
RT: 24.324 min Scan# 3614
Delta R.T. -0.004 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:252 Resp: 479058
Ion Ratio Lower Upper
252 100
253 19.9 17.4 26.2
125 6.2 7.0 10.6





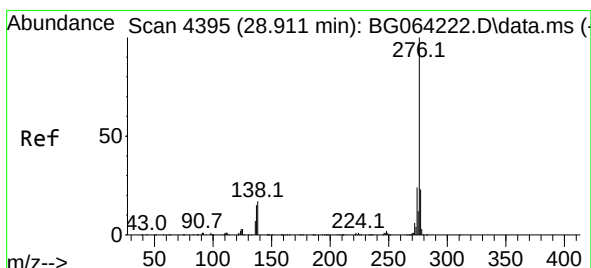
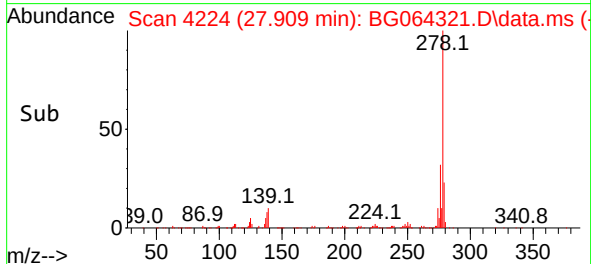
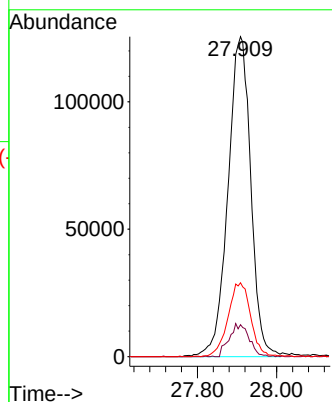
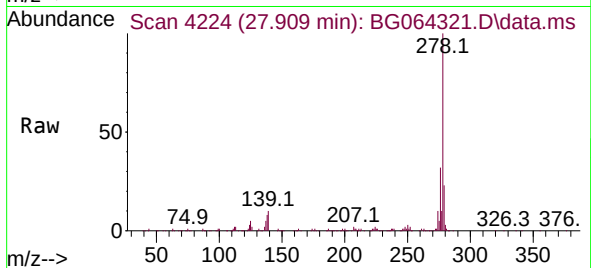
#91
Dibenzo(a,h)anthracene
Concen: 44.176 ng
RT: 27.909 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Instrument :
BNA_G
ClientSampleId :
PB169604BS

Tgt Ion:278 Resp: 500626
Ion Ratio Lower Upper
278 100
139 10.0 9.0 13.4
279 23.1 18.8 28.2

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



#92
Benzo(g,h,i)perylene
Concen: 44.712 ng
RT: 28.907 min Scan# 4394
Delta R.T. -0.027 min
Lab File: BG064321.D
Acq: 9 Sep 2025 13:00

Tgt Ion:276 Resp: 493045
Ion Ratio Lower Upper
276 100
277 22.9 18.2 27.4
138 12.0 13.3 19.9#

