

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064487.D
 Acq On : 3 Oct 2025 14:54
 Operator : RC/JU
 Sample : PB169969BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169969BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/06/2025
 Supervised By :Jagrut Upadhyay 10/06/2025

Quant Time: Oct 03 15:40:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	16283	20.000	ng	# 0.00
21) Naphthalene-d8	10.610	136	71506	20.000	ng	0.00
39) Acenaphthene-d10	14.452	164	55447	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	137310	20.000	ng	0.00
76) Chrysene-d12	21.415	240	140131	20.000	ng	0.00
86) Perylene-d12	24.388	264	147450	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	137619	156.414	ng	0.01
7) Phenol-d6	7.002	99	178065	150.602	ng	0.02
23) Nitrobenzene-d5	8.976	82	119882	90.147	ng	0.01
42) 2,4,6-Tribromophenol	15.939	330	139048	138.349	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	337900	89.827	ng	0.00
79) Terphenyl-d14	19.811	244	700514	94.606	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	12564	36.102	ng	93
3) Pyridine	3.706	79	35316	37.759	ng	91
4) n-Nitrosodimethylamine	3.624	42	34547	50.952	ng	99
6) Aniline	7.149	93	49448	33.155	ng	96
8) 2-Chlorophenol	7.390	128	56703	52.483	ng	98
9) Benzaldehyde	6.961	77	27557	26.256	ng	96
10) Phenol	7.026	94	64678	51.855	ng	98
11) bis(2-Chloroethyl)ether	7.249	93	40403	47.832	ng	98
12) 1,3-Dichlorobenzene	7.713	146	58677	49.648	ng	97
13) 1,4-Dichlorobenzene	7.860	146	60755	51.220	ng	96
14) 1,2-Dichlorobenzene	8.177	146	57789	49.433	ng	100
15) Benzyl Alcohol	8.066	79	57540	52.844	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.348	45	65631	48.203	ng	93
17) 2-Methylphenol	8.271	107	47505	52.598	ng	95
18) Hexachloroethane	8.900	117	21711	46.371	ng	97
19) n-Nitroso-di-n-propyla...	8.624	70	39172	49.538	ng	# 94
20) 3+4-Methylphenols	8.594	107	65324	51.830	ng	95
22) Acetophenone	8.641	105	93150	53.802	ng	# 99
24) Nitrobenzene	9.017	77	62641	47.235	ng	97
25) Isophorone	9.540	82	109815	45.583	ng	# 97
26) 2-Nitrophenol	9.728	139	30938	46.874	ng	92
27) 2,4-Dimethylphenol	9.793	122	55404	54.959	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	58925	47.983	ng	99
29) 2,4-Dichlorophenol	10.263	162	59780	51.281	ng	96
30) 1,2,4-Trichlorobenzene	10.475	180	64559	50.791	ng	96
31) Naphthalene	10.663	128	178030	48.349	ng	98
32) Benzoic acid	9.957	122	44023m	56.879	ng	
33) 4-Chloroaniline	10.774	127	25145	17.796	ng	95
34) Hexachlorobutadiene	10.950	225	50862	46.724	ng	93
35) Caprolactam	11.544	113	19552m	48.992	ng	
36) 4-Chloro-3-methylphenol	11.902	107	70402	49.661	ng	99
37) 2-Methylnaphthalene	12.272	142	122387	43.300	ng	98
38) 1-Methylnaphthalene	12.490	142	129089	45.802	ng	99
40) 1,2,4,5-Tetrachloroben...	12.643	216	94306	52.677	ng	# 96
41) Hexachlorocyclopentadiene	12.625	237	126034	134.582	ng	92
43) 2,4,6-Trichlorophenol	12.883	196	56323	49.214	ng	96

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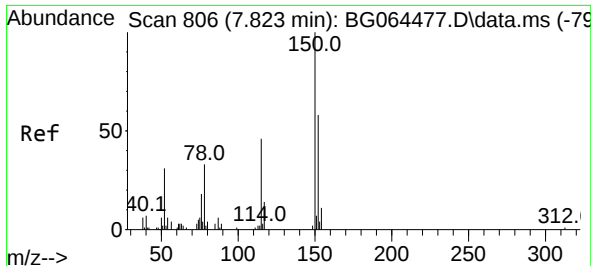
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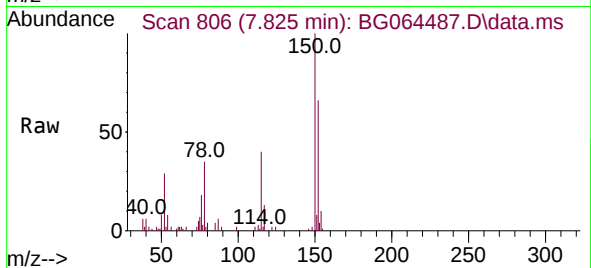
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	64367	50.378	ng	96
46) 1,1'-Biphenyl	13.283	154	210864	52.875	ng	98
47) 2-Chloronaphthalene	13.324	162	142725	47.935	ng	99
48) 2-Nitroaniline	13.530	65	50538	49.732	ng	96
49) Acenaphthylene	14.170	152	238315	53.918	ng	97
50) Dimethylphthalate	13.912	163	205536	47.330	ng	100
51) 2,6-Dinitrotoluene	14.029	165	46042	50.896	ng	84
52) Acenaphthene	14.517	154	141301	46.015	ng	98
53) 3-Nitroaniline	14.358	138	21871	26.215	ng	99
54) 2,4-Dinitrophenol	14.564	184	57564	87.756	ng	90
55) Dibenzofuran	14.852	168	240927	47.518	ng	99
56) 4-Nitrophenol	14.676	139	70403	107.183	ng	92
57) 2,4-Dinitrotoluene	14.817	165	68028	49.193	ng	96
58) Fluorene	15.498	166	202457	48.031	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	68535	52.559	ng	98
60) Diethylphthalate	15.275	149	220490	47.330	ng	97
61) 4-Chlorophenyl-phenyle...	15.492	204	107502	46.715	ng	96
62) 4-Nitroaniline	15.522	138	44849	51.578	ng	91
63) Azobenzene	15.786	77	174320	48.317	ng	99
65) 4,6-Dinitro-2-methylph...	15.580	198	48963	51.214	ng	95
66) n-Nitrosodiphenylamine	15.710	169	177265	48.344	ng	95
67) 4-Bromophenyl-phenylether	16.385	248	78436	48.543	ng	92
68) Hexachlorobenzene	16.503	284	89602	48.461	ng	98
69) Atrazine	16.656	200	85241	52.252	ng	98
70) Pentachlorophenol	16.844	266	111612	103.242	ng	97
71) Phenanthrene	17.231	178	351468	48.946	ng	97
72) Anthracene	17.325	178	359754	49.940	ng	98
73) Carbazole	17.590	167	318637	51.173	ng	99
74) Di-n-butylphthalate	18.160	149	390037	51.313	ng	99
75) Fluoranthene	19.241	202	429431	50.059	ng	99
77) Benzidine	19.423	184	101507	29.110	ng	99
78) Pyrene	19.605	202	444327	48.859	ng	98
80) Butylbenzylphthalate	20.498	149	164048	50.887	ng	97
81) Benzo(a)anthracene	21.397	228	446122	49.860	ng	98
82) 3,3'-Dichlorobenzidine	21.321	252	81030	26.757	ng	96
83) Chrysene	21.456	228	417007	49.144	ng	97
84) Bis(2-ethylhexyl)phtha...	21.321	149	228514	50.239	ng	96
85) Di-n-octyl phthalate	22.443	149	379547	49.649	ng	99
87) Indeno(1,2,3-cd)pyrene	27.737	276	532662	51.899	ng	100
88) Benzo(b)fluoranthene	23.453	252	432072	51.508	ng	99
89) Benzo(k)fluoranthene	23.518	252	441593	52.269	ng	99
90) Benzo(a)pyrene	24.253	252	416998	53.938	ng	98
91) Dibenzo(a,h)anthracene	27.801	278	430720	52.477	ng	99
92) Benzo(g,h,i)perylene	28.788	276	424104	53.171	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.825 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

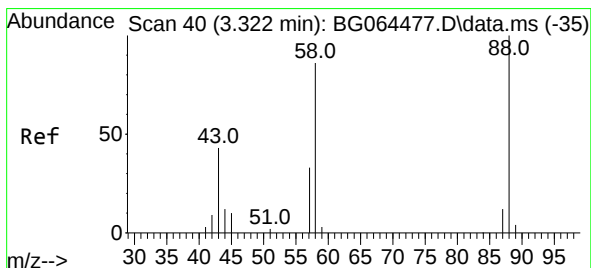
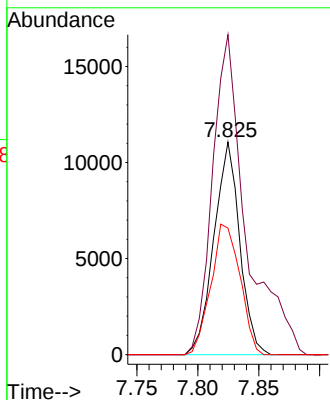
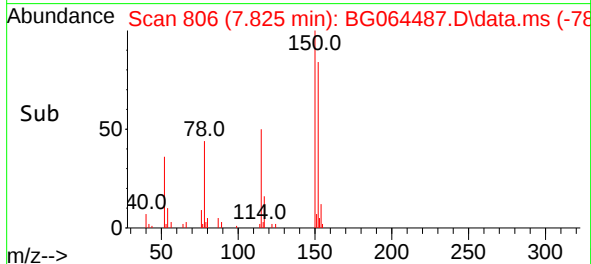
Instrument :
BNA_G
ClientSampleId :
PB169969BS



Tgt Ion:152 Resp: 1628
Ion Ratio Lower Upper
152 100
150 150.5 138.6 207.8
115 59.5 63.4 95.2

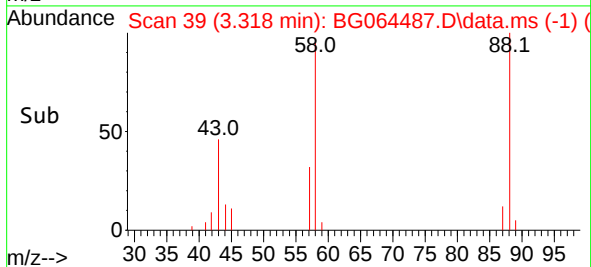
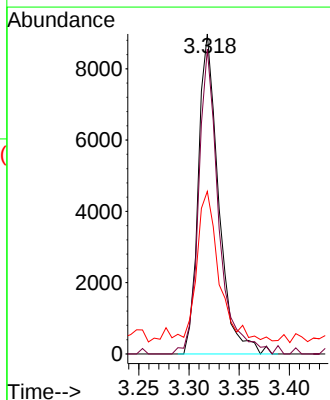
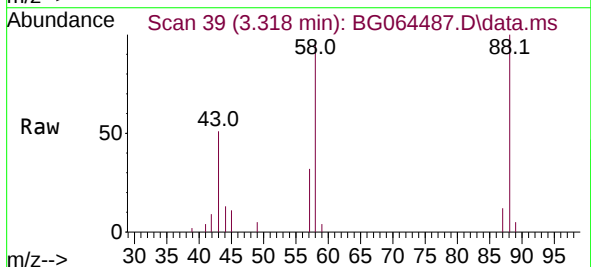
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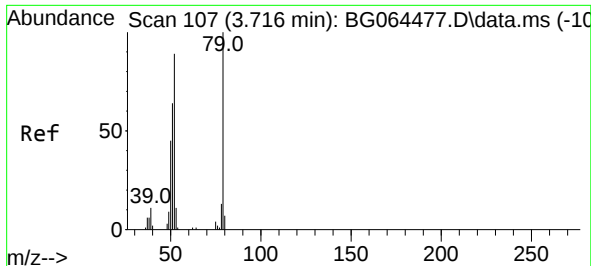
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#2
1,4-Dioxane
Concen: 36.102 ng
RT: 3.318 min Scan# 39
Delta R.T. -0.002 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

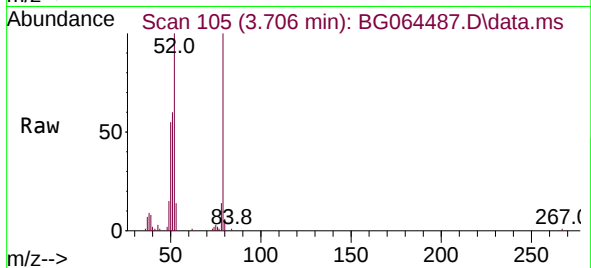
Tgt Ion: 88 Resp: 12564
Ion Ratio Lower Upper
88 100
58 94.6 69.8 104.6
43 49.8 37.4 56.0





#3
Pyridine
Concen: 37.759 ng
RT: 3.706 min Scan# 10
Delta R.T. -0.007 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

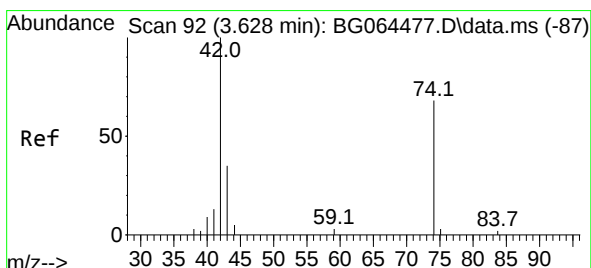
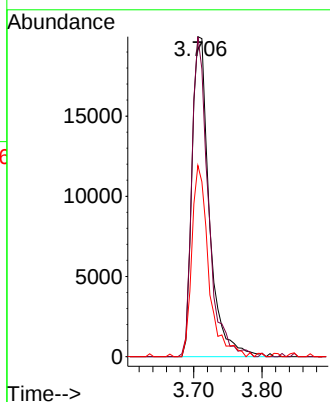
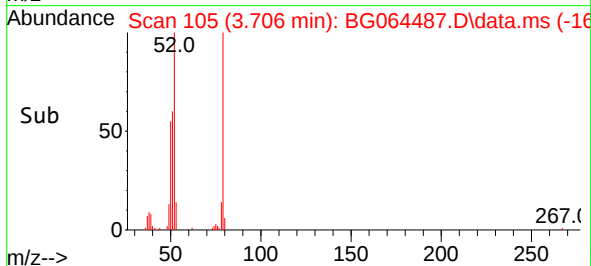
Instrument :
BNA_G
ClientSampleId :
PB169969BS



Tgt Ion: 79 Resp: 35316
Ion Ratio Lower Upper
79 100
52 99.9 71.0 106.4
51 59.7 51.0 76.6

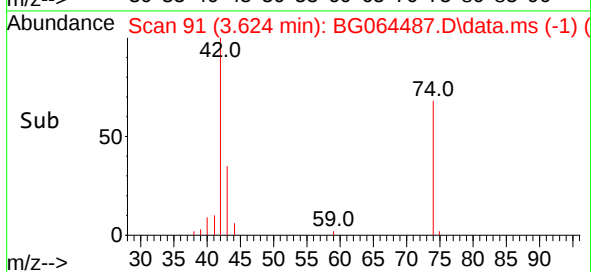
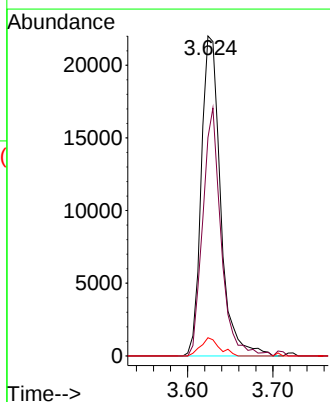
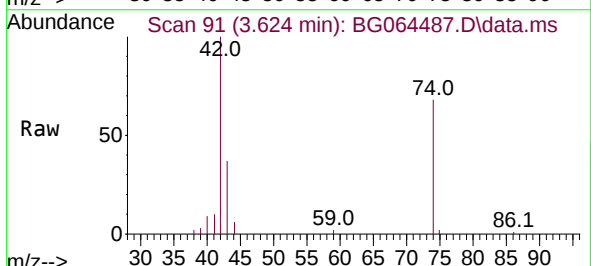
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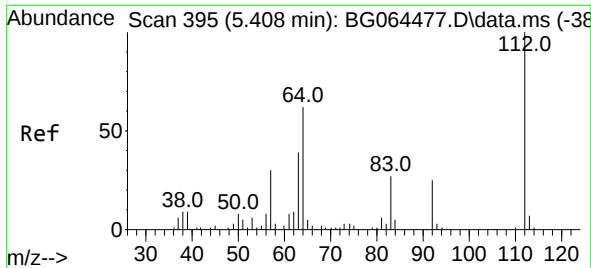
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#4
n-Nitrosodimethylamine
Concen: 50.952 ng
RT: 3.624 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

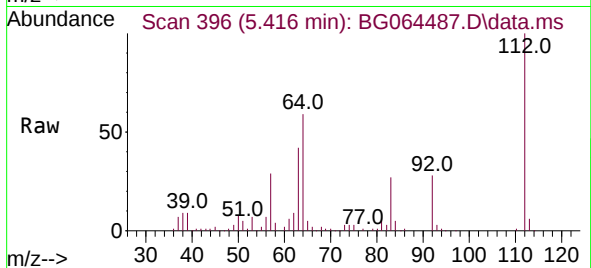
Tgt Ion: 42 Resp: 34547
Ion Ratio Lower Upper
42 100
74 68.2 54.2 81.4
44 5.7 4.2 6.2





#5
2-Fluorophenol
Concen: 156.414 ng
RT: 5.416 min Scan# 395
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

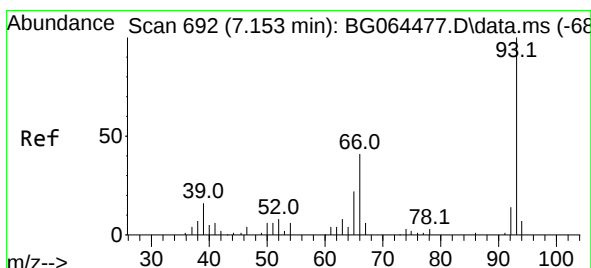
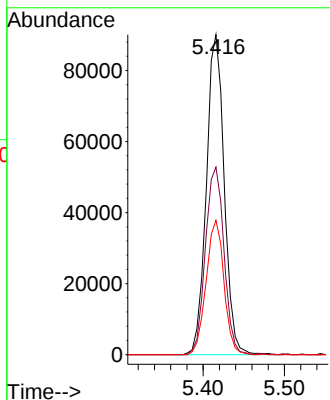
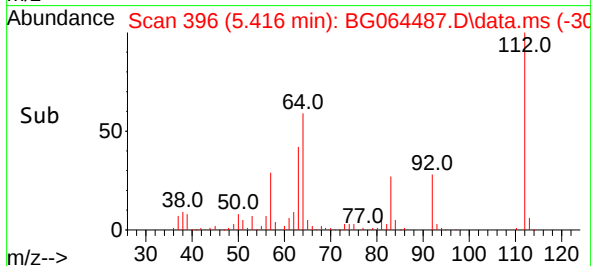
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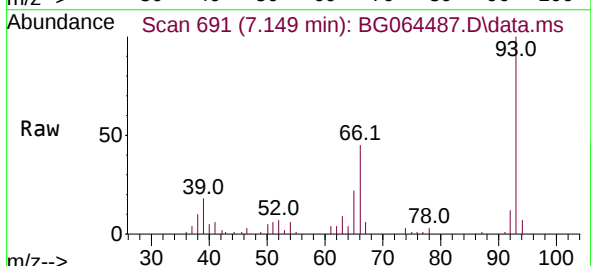
Tgt Ion:112 Resp: 137619
Ion Ratio Lower Upper
112 100
64 58.6 49.8 74.8
63 42.0 31.3 46.9

Manual Integrations
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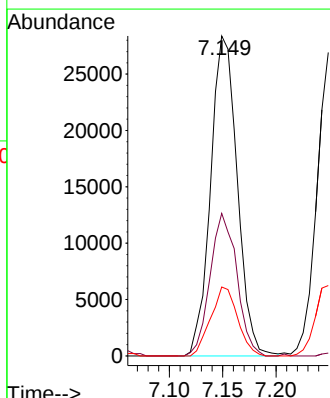
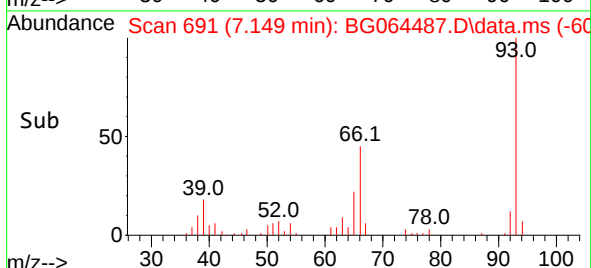
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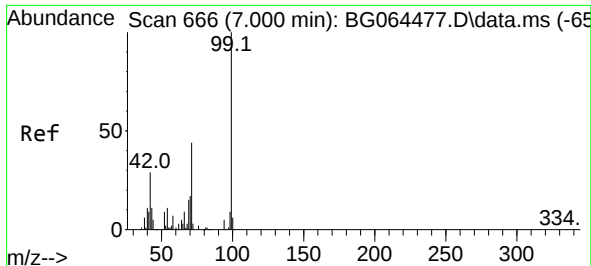


#6
Aniline
Concen: 33.155 ng
RT: 7.149 min Scan# 691
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



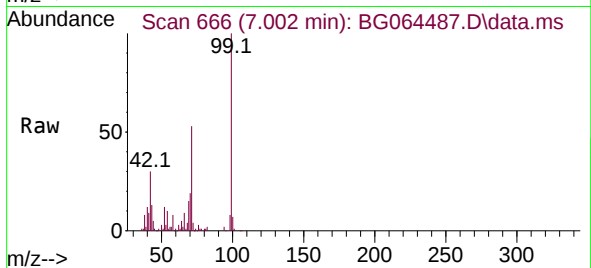
Tgt Ion: 93 Resp: 49448
Ion Ratio Lower Upper
93 100
66 44.5 33.0 49.4
65 21.5 17.5 26.3





#7
Phenol-d6
Concen: 150.602 ng
RT: 7.002 min Scan# 60
Delta R.T. 0.016 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

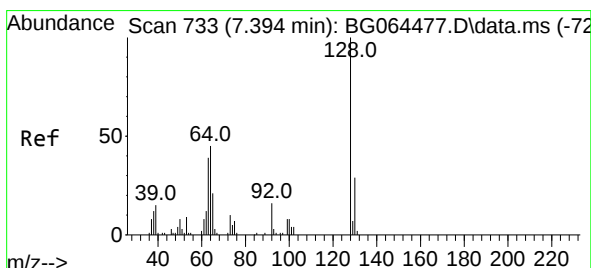
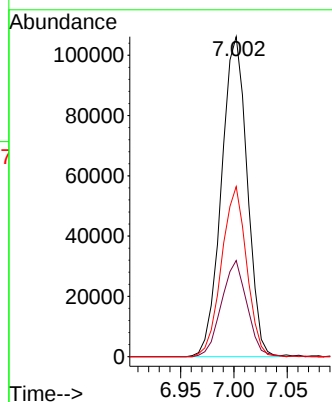
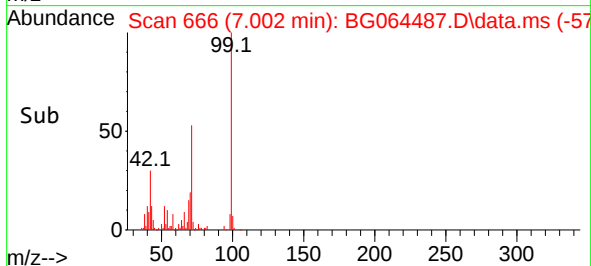
Instrument :
BNA_G
ClientSampleId :
PB169969BS



Tgt Ion: 99 Resp: 178065
Ion Ratio Lower Upper
99 100
42 30.0 22.9 34.3
71 53.1 35.4 53.2

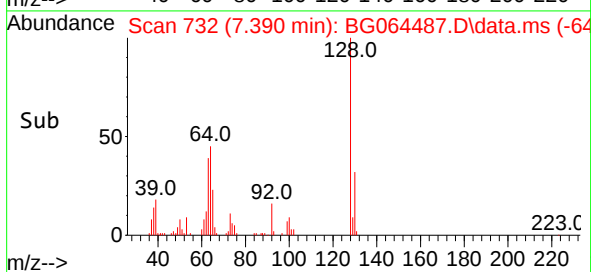
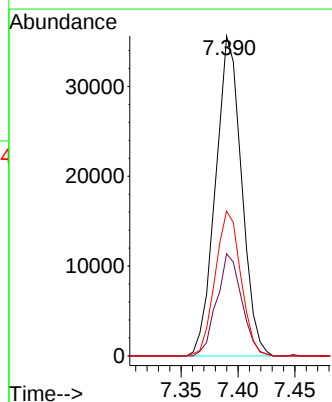
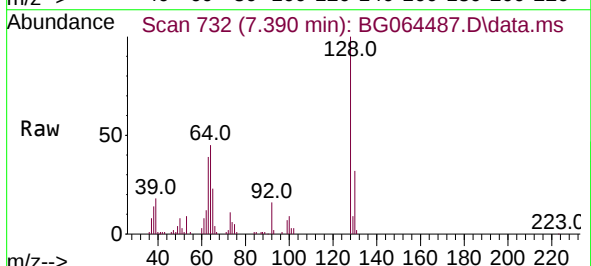
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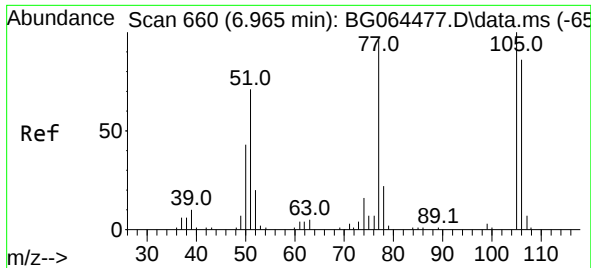
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#8
2-Chlorophenol
Concen: 52.483 ng
RT: 7.390 min Scan# 732
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:128 Resp: 56703
Ion Ratio Lower Upper
128 100
130 31.9 9.2 49.2
64 45.3 25.5 65.5





#9
Benzaldehyde
Concen: 26.256 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

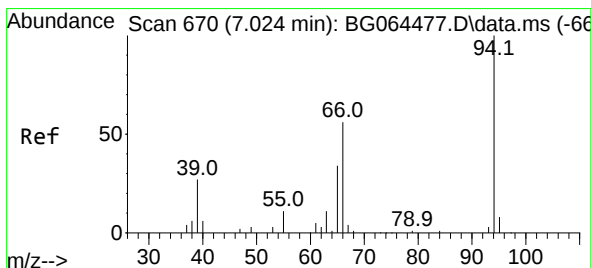
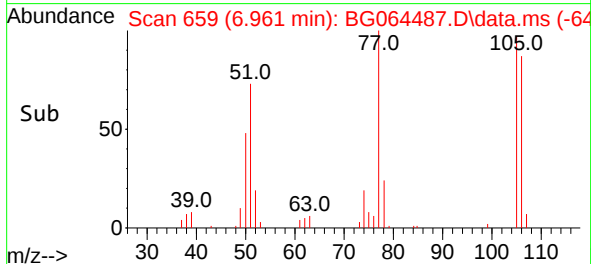
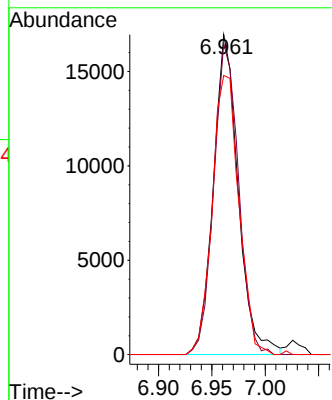
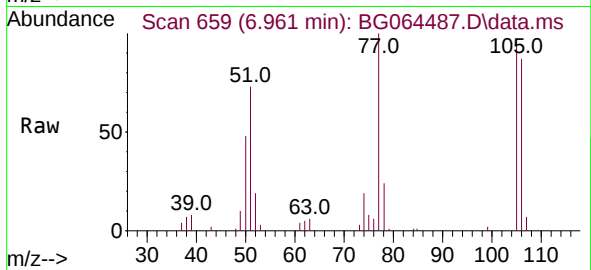
ClientSampleId :

PB169969BS

Tgt Ion: 77 Resp: 2755
Ion Ratio Lower Upper
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106 87.2 69.4 109.4

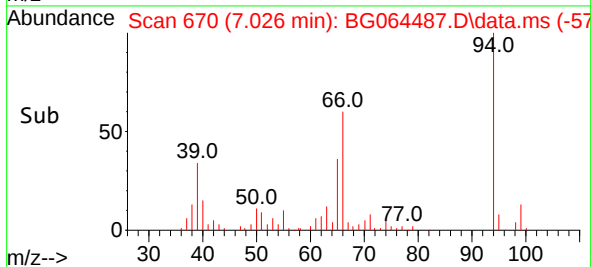
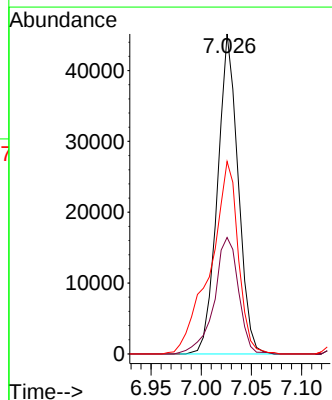
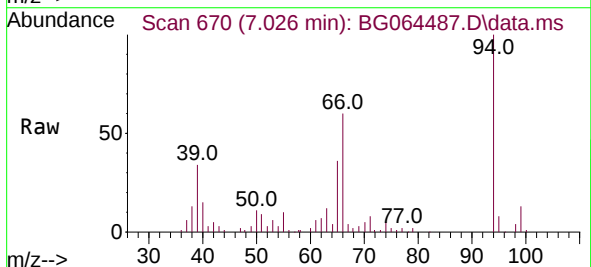
Manual Integrations
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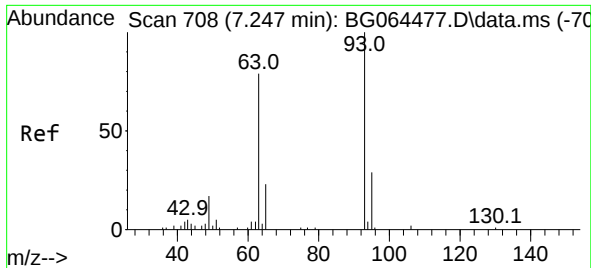
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#10
Phenol
Concen: 51.855 ng
RT: 7.026 min Scan# 670
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion: 94 Resp: 64678
Ion Ratio Lower Upper
94 100
65 36.4 14.8 54.8
66 60.1 41.4 81.4





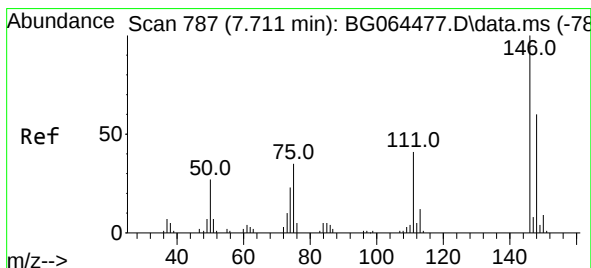
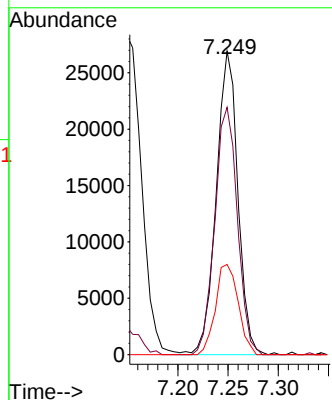
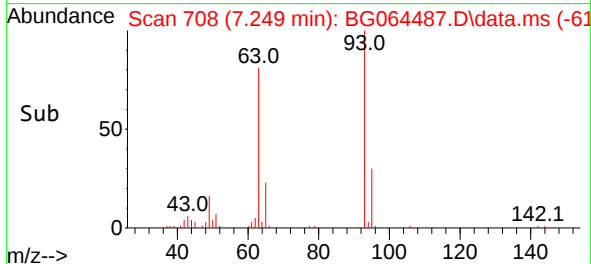
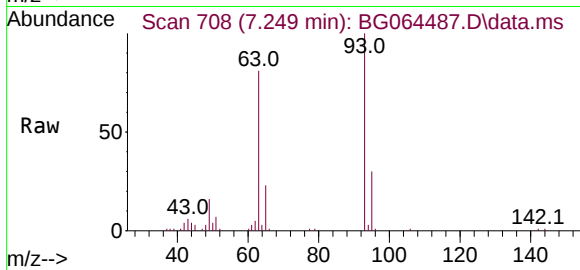
#11
bis(2-Chloroethyl)ether
Concen: 47.832 ng
RT: 7.249 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :
BNA_G
ClientSampleId :
PB169969BS

Tgt Ion: 93 Resp: 40403
Ion Ratio Lower Upper
93 100
63 81.5 59.5 99.5
95 29.7 8.8 48.8

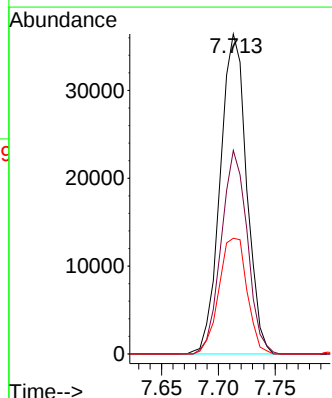
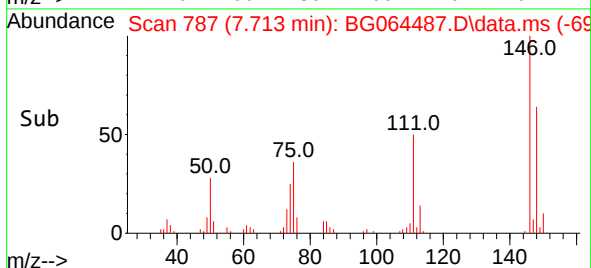
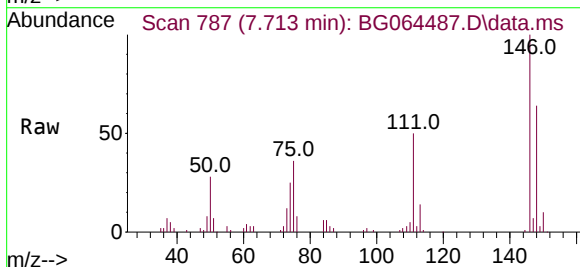
Manual Integrations
APPROVED

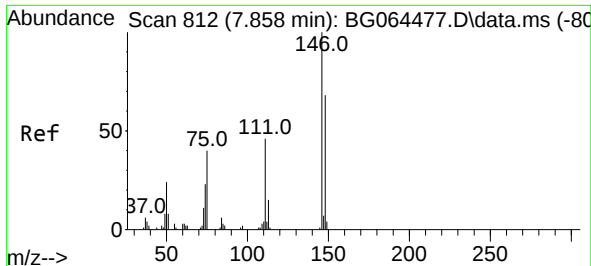
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#12
1,3-Dichlorobenzene
Concen: 49.648 ng
RT: 7.713 min Scan# 787
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:146 Resp: 58677
Ion Ratio Lower Upper
146 100
148 63.6 48.4 72.6
75 36.1 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 51.220 ng

RT: 7.860 min Scan# 812

Delta R.T. 0.004 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS

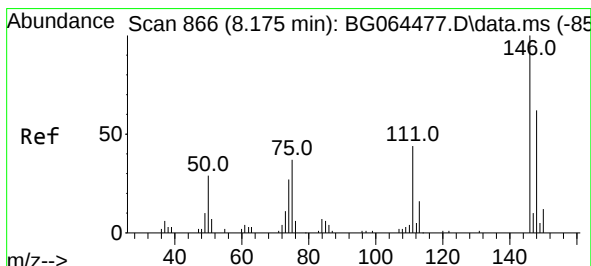
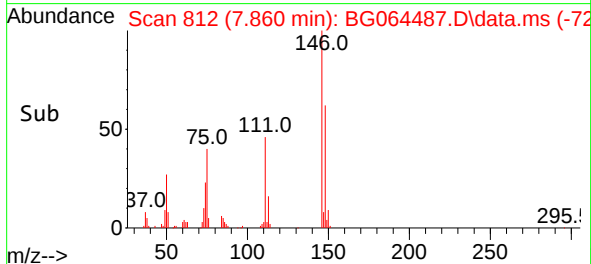
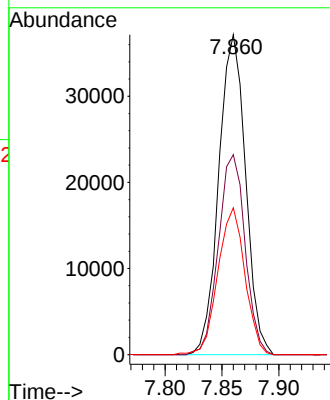
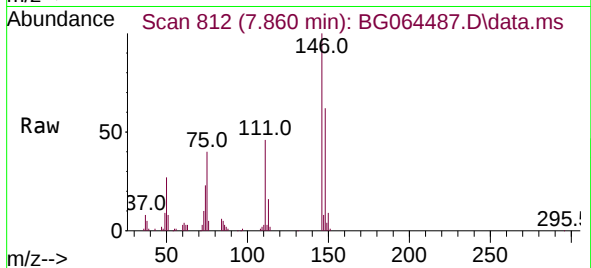
Tgt Ion:146 Resp: 60755
 Ion Ratio Lower Upper
 146 100
 148 62.5 54.4 81.6
 111 45.9 36.5 54.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#14

1,2-Dichlorobenzene

Concen: 49.433 ng

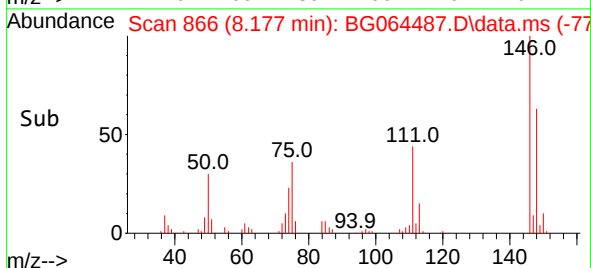
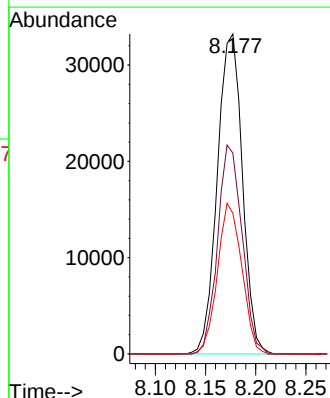
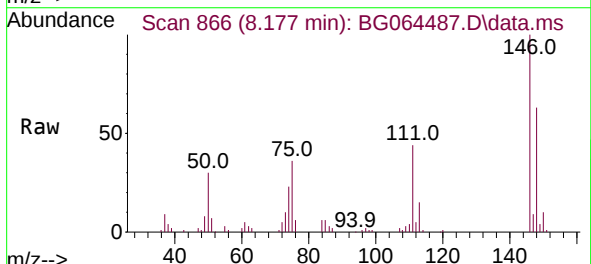
RT: 8.177 min Scan# 866

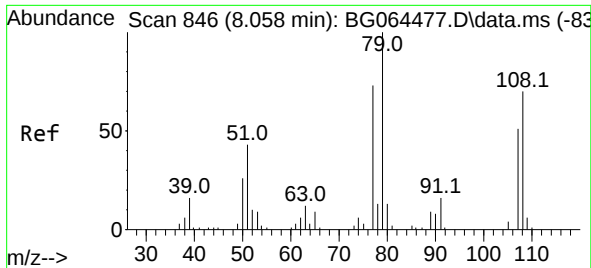
Delta R.T. 0.004 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

Tgt Ion:146 Resp: 57789
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.0 75.0
 111 44.0 35.0 52.4





#15
Benzyl Alcohol
Concen: 52.844 ng
RT: 8.066 min Scan# 846
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

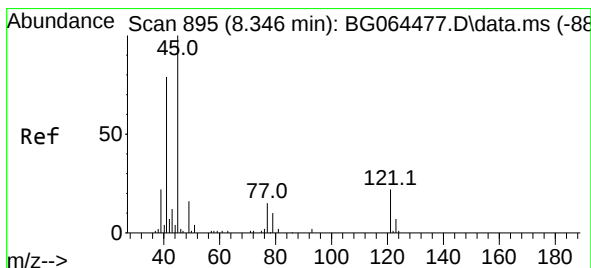
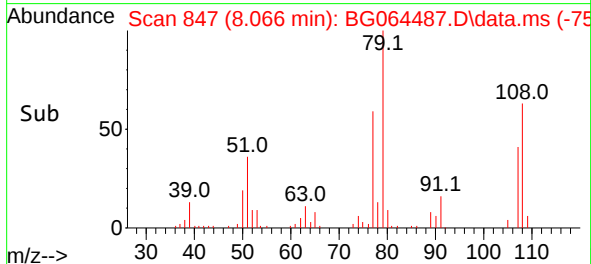
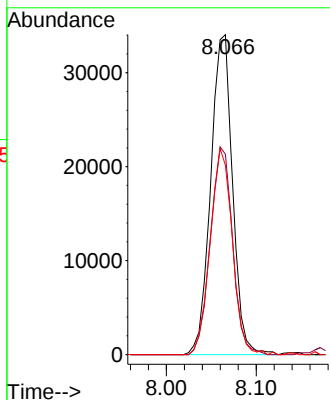
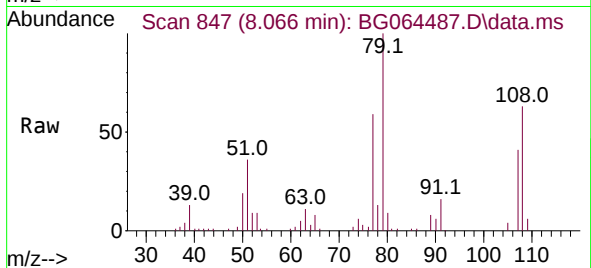
ClientSampleId :

PB169969BS

Tgt Ion: 79 Resp: 57540
Ion Ratio Lower Upper
79 100
108 62.6 56.4 84.6
77 59.2 58.3 87.5

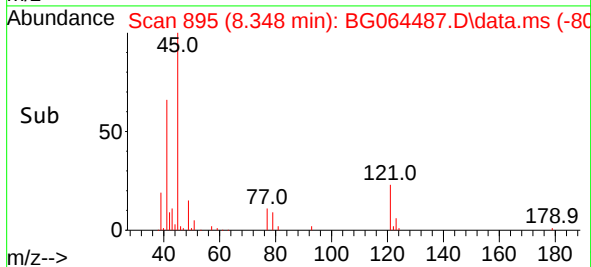
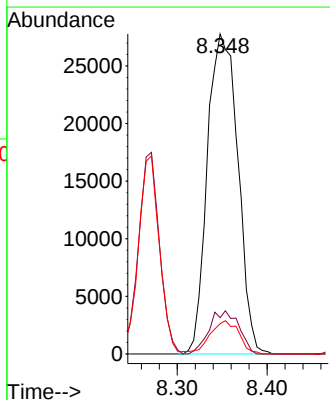
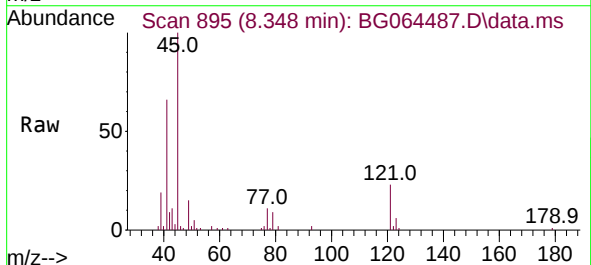
Manual Integrations
APPROVED

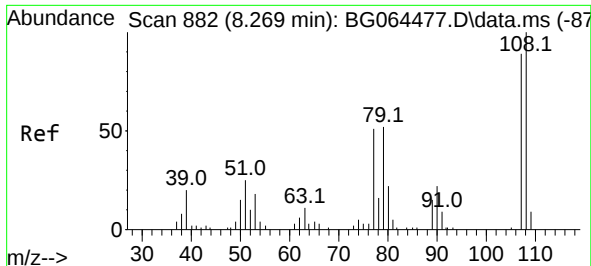
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.203 ng
RT: 8.348 min Scan# 895
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion: 45 Resp: 65631
Ion Ratio Lower Upper
45 100
77 11.3 0.0 35.6
79 9.4 0.0 30.7





#17
2-Methylphenol
Concen: 52.598 ng
RT: 8.271 min Scan# 882
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

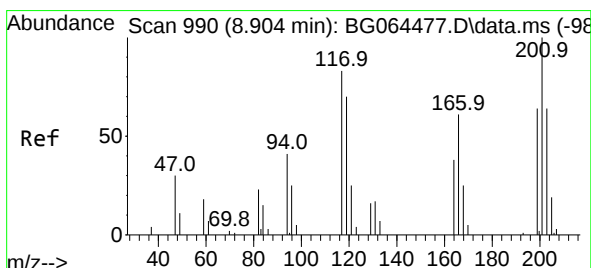
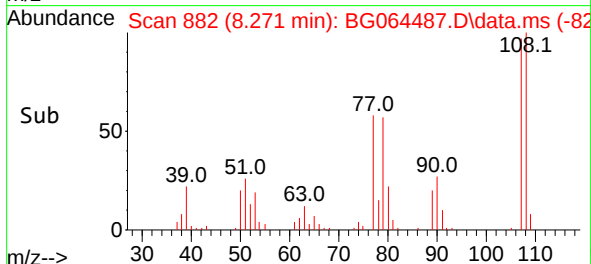
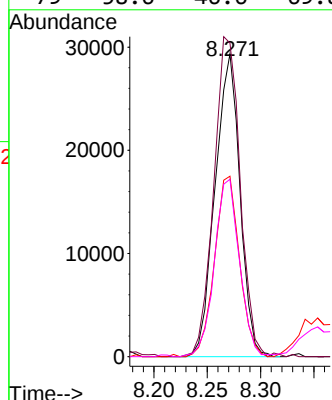
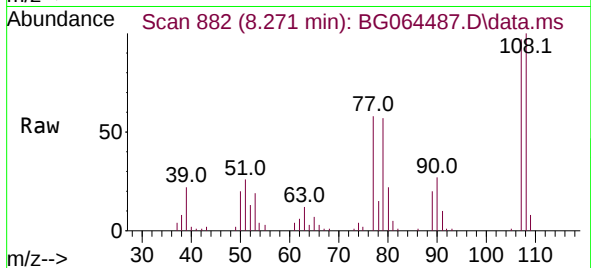
PB169969BS

Tgt Ion:107 Resp: 47505
Ion Ratio Lower Upper
107 100
108 103.5 90.3 135.5
77 59.6 46.0 69.0
79 58.6 46.6 69.8

Manual Integrations

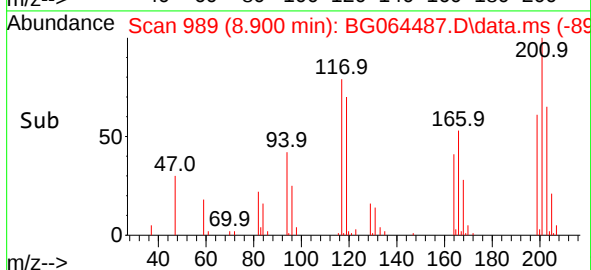
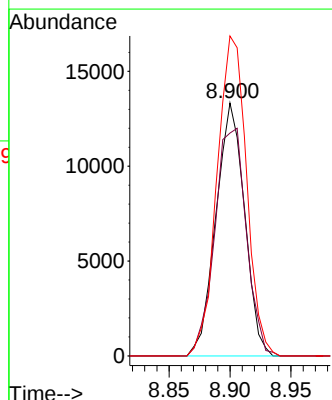
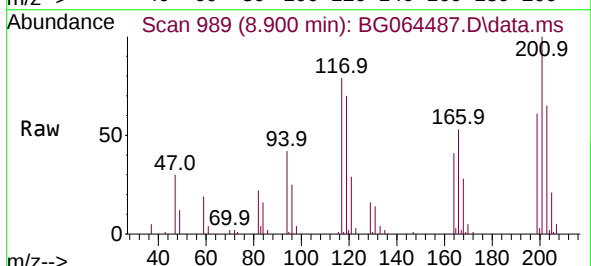
APPROVED

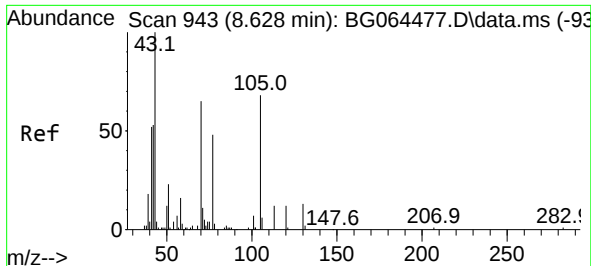
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#18
Hexachloroethane
Concen: 46.371 ng
RT: 8.900 min Scan# 989
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

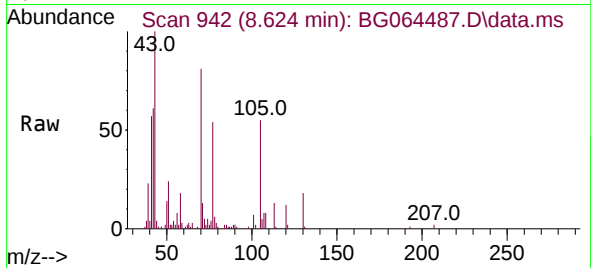
Tgt Ion:117 Resp: 21711
Ion Ratio Lower Upper
117 100
119 86.5 67.4 101.0
201 124.3 95.9 143.9





#19
n-Nitroso-di-n-propylamine
Concen: 49.538 ng
RT: 8.624 min Scan# 943
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

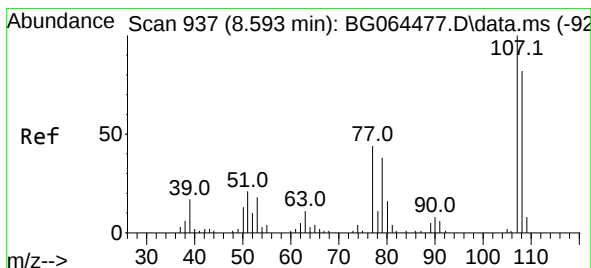
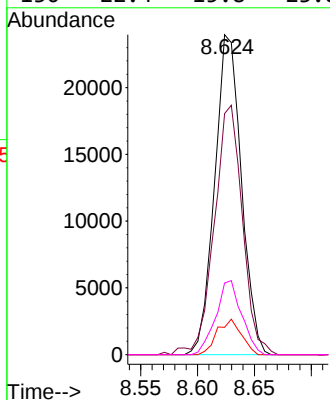
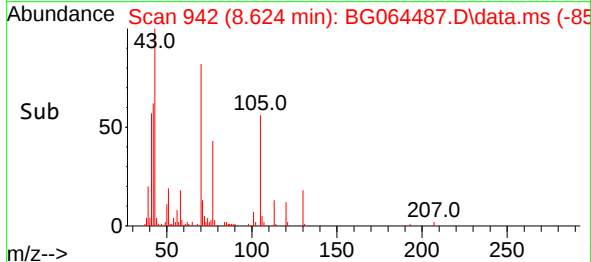
Instrument :
BNA_G
ClientSampleId :
PB169969BS



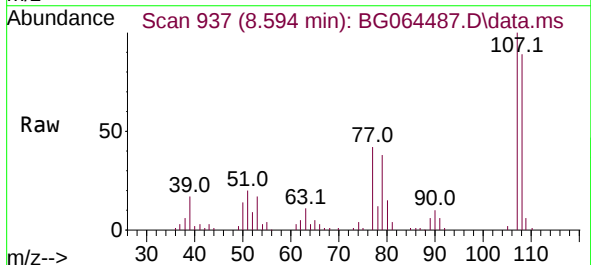
Tgt Ion: 70 Resp: 39172
Ion Ratio Lower Upper
70 100
42 75.3 64.9 97.3
101 8.5 8.7 13.1
130 22.4 15.8 23.8

Manual Integrations
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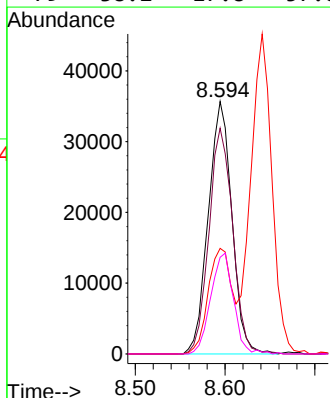
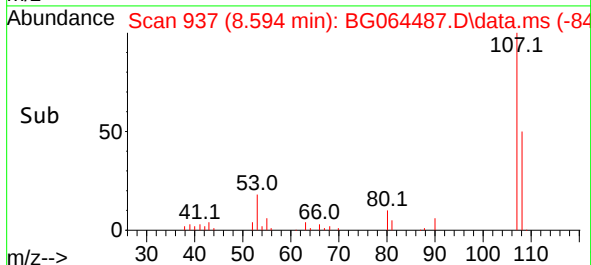
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

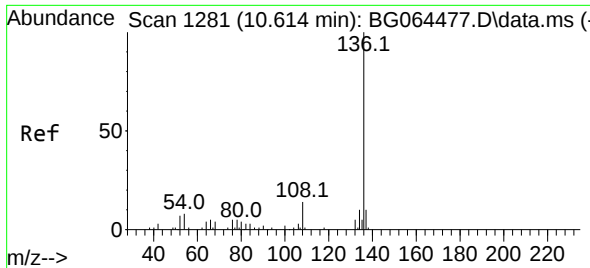


#20
3+4-Methylphenols
Concen: 51.830 ng
RT: 8.594 min Scan# 937
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



Tgt Ion:107 Resp: 65324
Ion Ratio Lower Upper
107 100
108 89.5 62.1 102.1
77 41.8 23.5 63.5
79 38.2 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1281
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

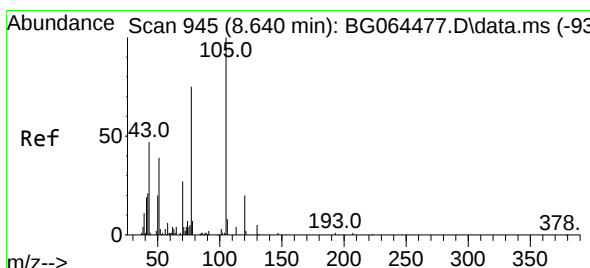
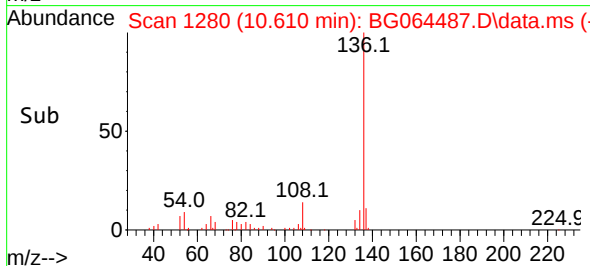
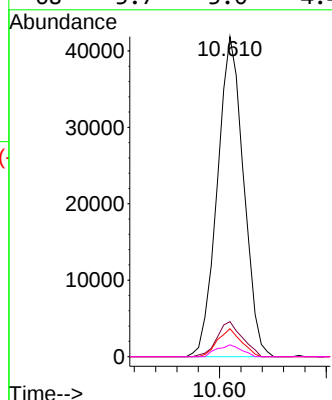
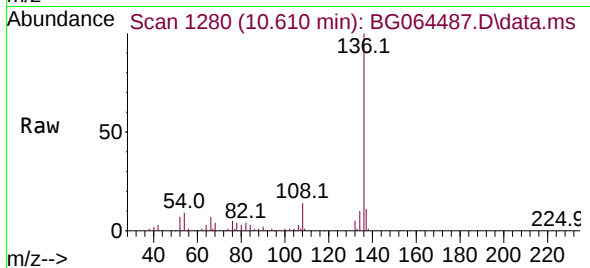
ClientSampleId :

PB169969BS

Tgt Ion:136 Resp: 71506
Ion Ratio Lower Upper
136 100
137 10.9 8.3 12.5
54 8.7 6.2 9.4
68 3.7 3.0 4.4

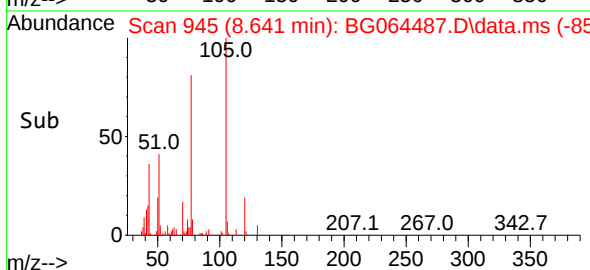
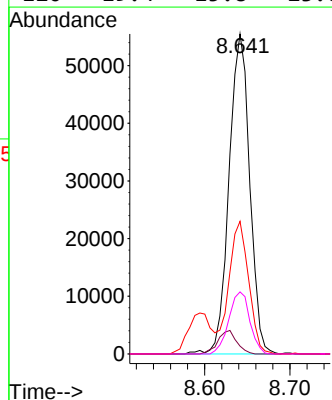
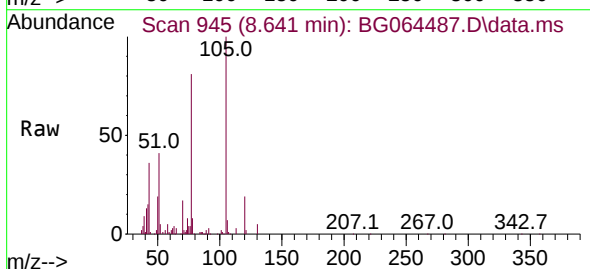
Manual Integrations
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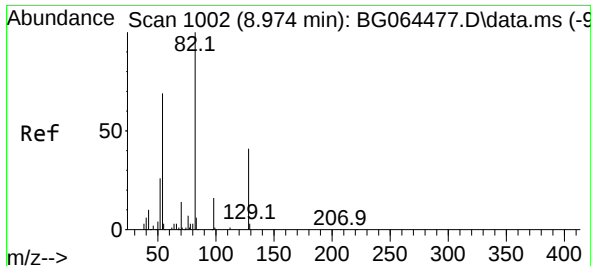
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#22
Acetophenone
Concen: 53.802 ng
RT: 8.641 min Scan# 945
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:105 Resp: 93150
Ion Ratio Lower Upper
105 100
71 2.4 2.8 4.2#
51 41.4 33.0 49.4
120 19.4 15.8 23.6





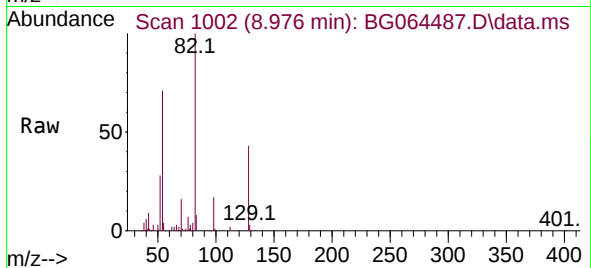
#23
Nitrobenzene-d5
Concen: 90.147 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS



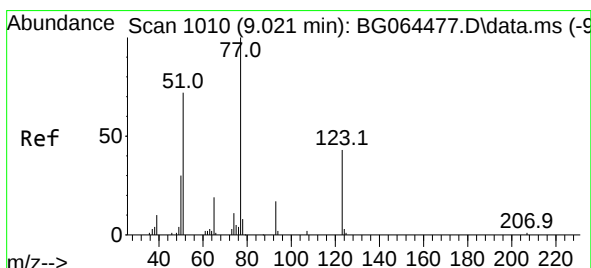
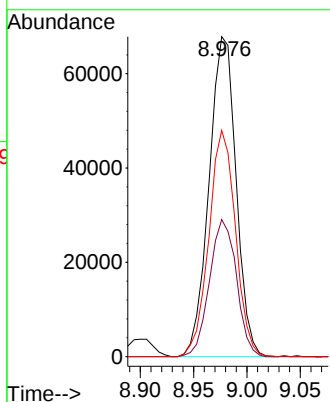
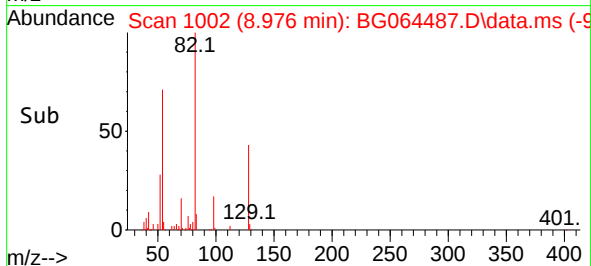
Tgt Ion: 82 Resp: 119882
Ion Ratio Lower Upper
82 100
128 42.8 33.1 49.7
54 70.7 55.4 83.2

Manual Integrations

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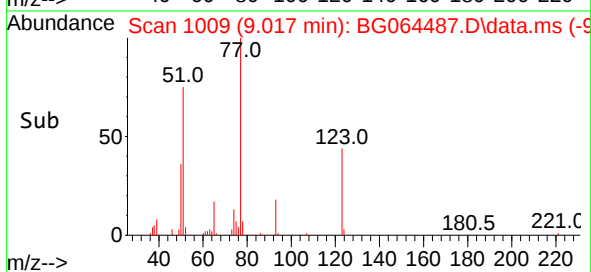
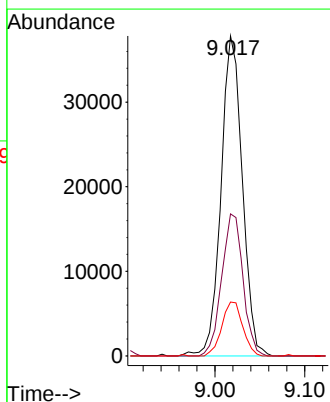
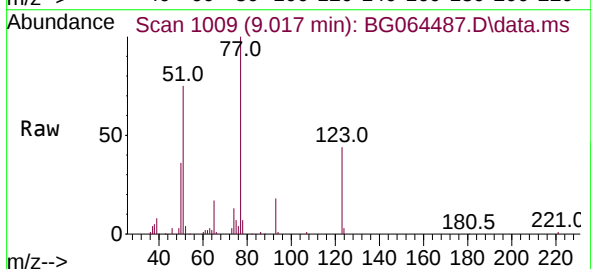
Reviewed By :Rahul Chavli 10/06/2025

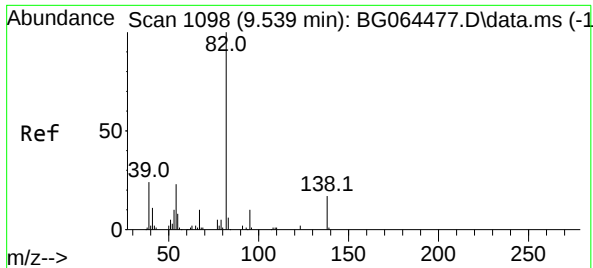
Supervised By :Jagrut Upadhyay 10/06/2025



#24
Nitrobenzene
Concen: 47.235 ng
RT: 9.017 min Scan# 1009
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion: 77 Resp: 62641
Ion Ratio Lower Upper
77 100
123 44.4 34.4 51.6
65 16.8 14.8 22.2





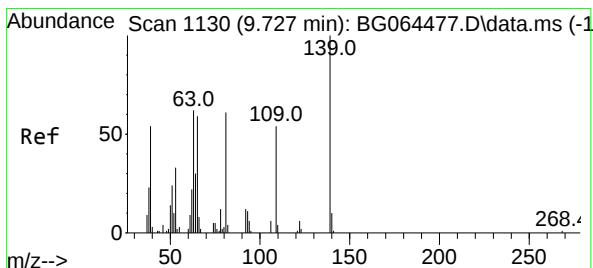
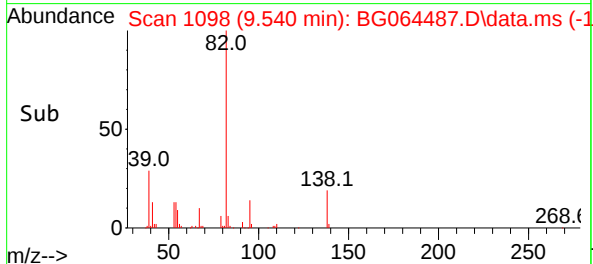
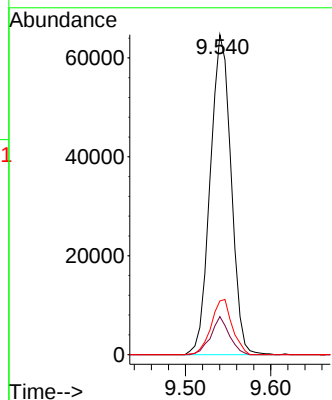
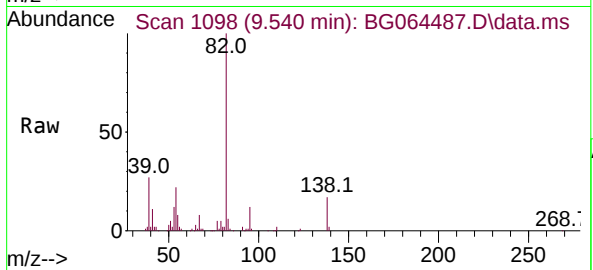
#25
Isophorone
Concen: 45.583 ng
RT: 9.540 min Scan# 1098
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :
BNA_G
ClientSampleId :
PB169969BS

Tgt Ion: 82 Resp: 109815
Ion Ratio Lower Upper
82 100
95 11.9 7.8 11.8
138 16.8 13.8 20.6

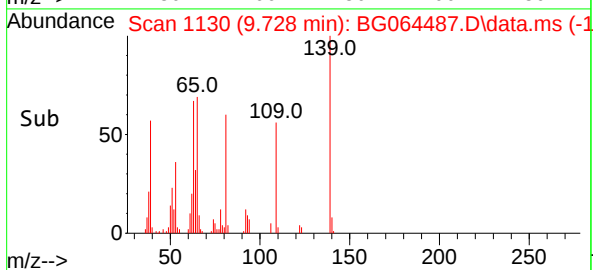
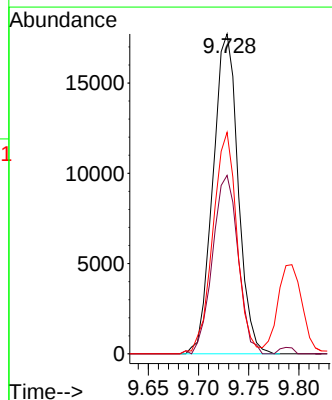
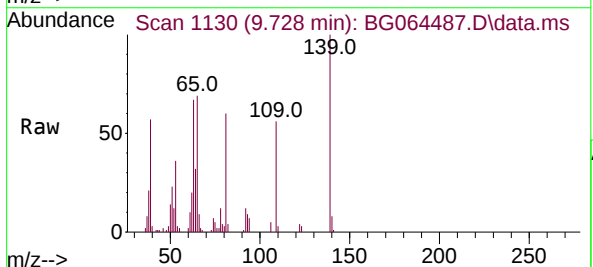
Manual Integrations
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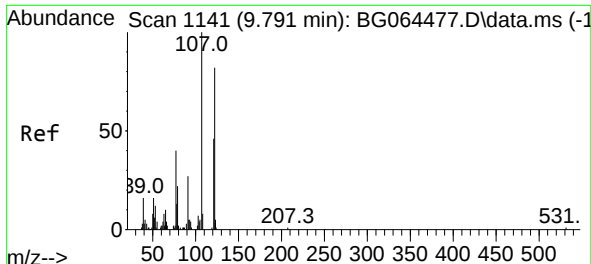
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#26
2-Nitrophenol
Concen: 46.874 ng
RT: 9.728 min Scan# 1130
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:139 Resp: 30938
Ion Ratio Lower Upper
139 100
109 55.8 43.0 64.6
65 69.2 47.4 71.2





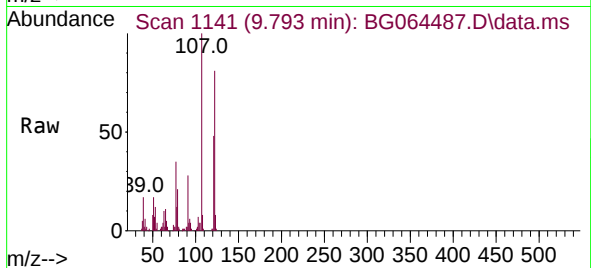
#27
2,4-Dimethylphenol
Concen: 54.959 ng
RT: 9.793 min Scan# 1141
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS



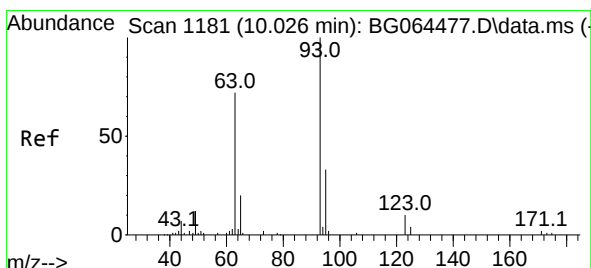
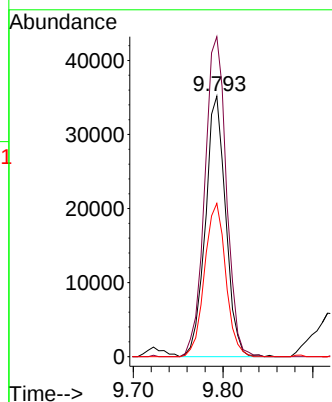
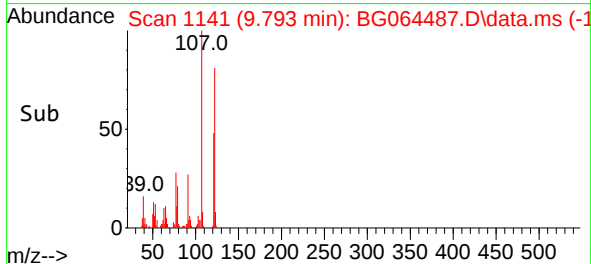
Tgt Ion:122 Resp: 55404
Ion Ratio Lower Upper
122 100
107 122.9 98.3 147.5
121 58.8 44.7 67.1

Manual Integrations

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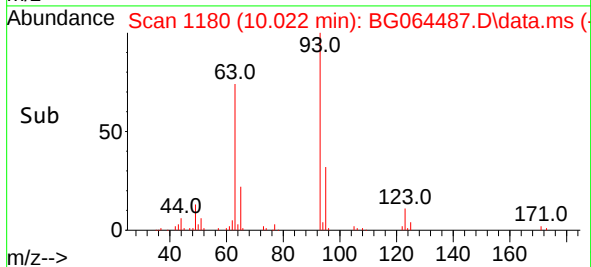
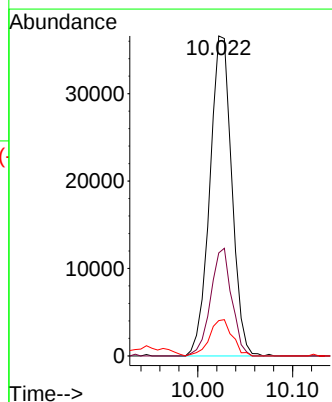
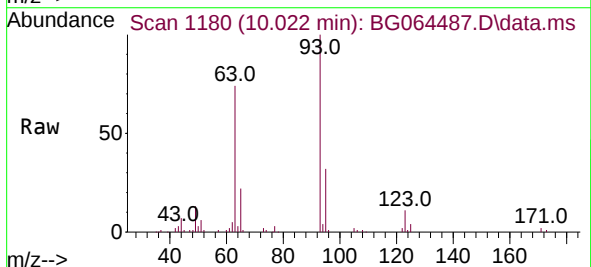
Reviewed By :Rahul Chavli 10/06/2025

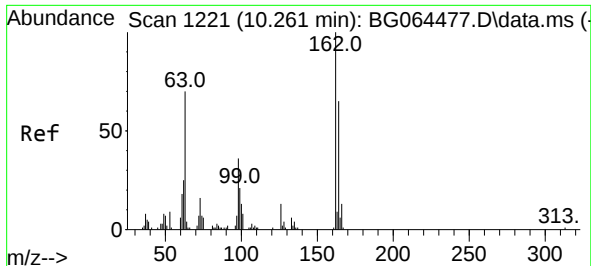
Supervised By :Jagrut Upadhyay 10/06/2025



#28
bis(2-Chloroethoxy)methane
Concen: 47.983 ng
RT: 10.022 min Scan# 1180
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion: 93 Resp: 58925
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 51.281 ng

RT: 10.263 min Scan# 1221

Delta R.T. 0.004 min

Lab File: BG064487.D

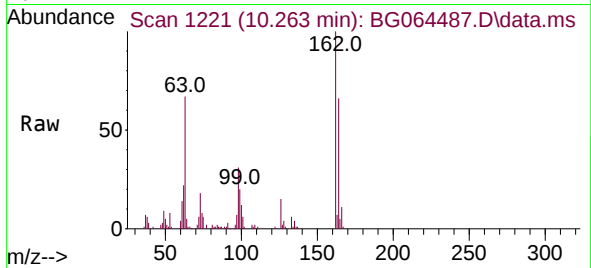
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS



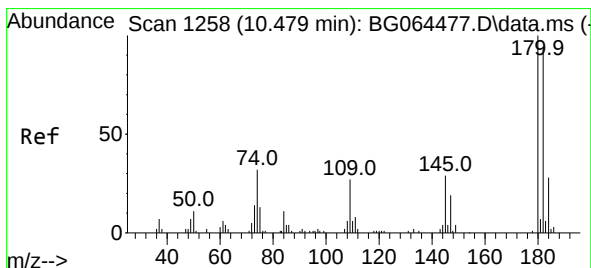
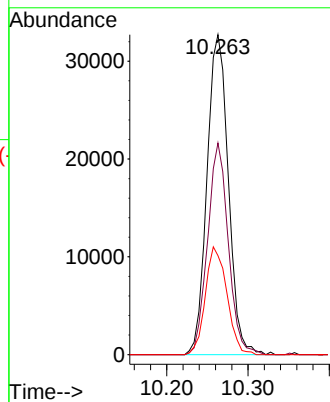
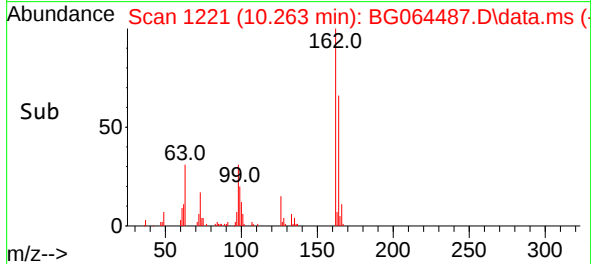
Tgt Ion:	162	Resp:	59780
Ion Ratio	Lower	Upper	
162	100		
164	66.1	45.4	85.4
98	30.9	16.4	56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.791 ng

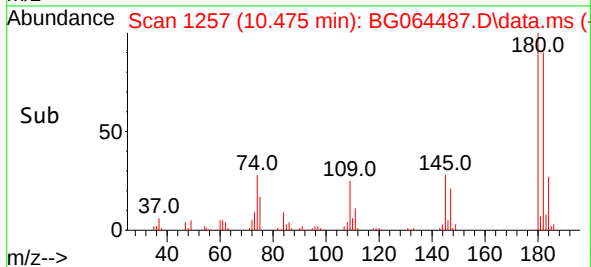
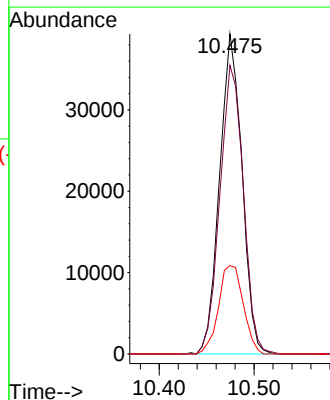
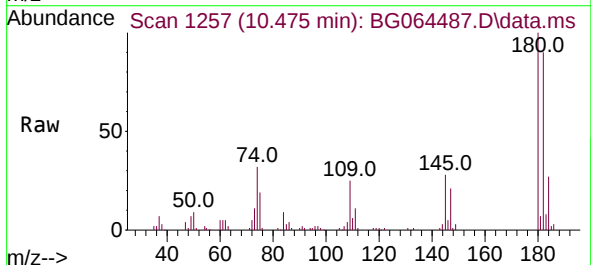
RT: 10.475 min Scan# 1257

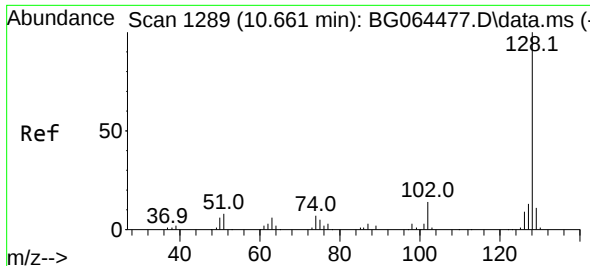
Delta R.T. 0.004 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

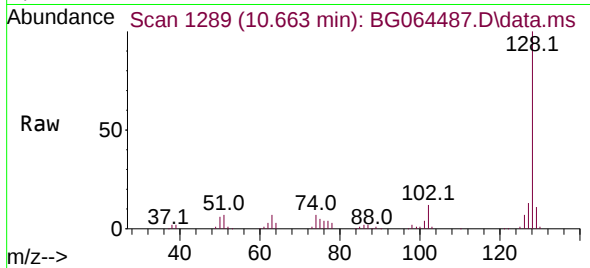
Tgt Ion:	180	Resp:	64559
Ion Ratio	Lower	Upper	
180	100		
182	90.2	75.4	113.2
145	27.6	23.2	34.8





#31
Naphthalene
Concen: 48.349 ng
RT: 10.663 min Scan# 1169
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

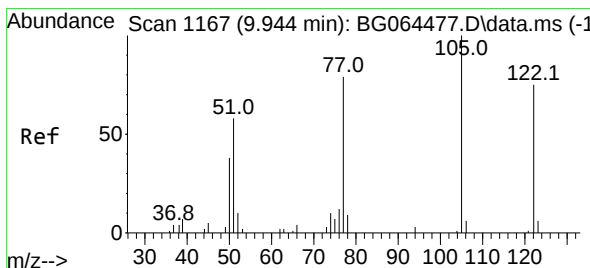
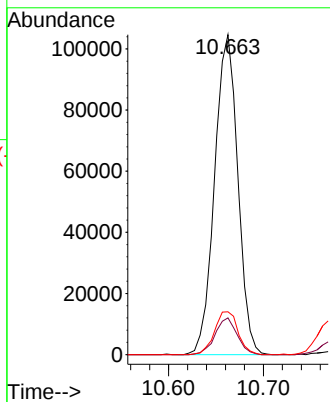
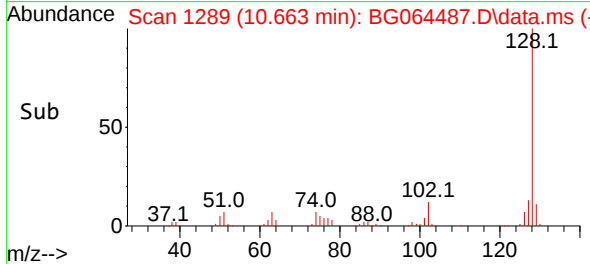
Instrument :
BNA_G
ClientSampleId :
PB169969BS



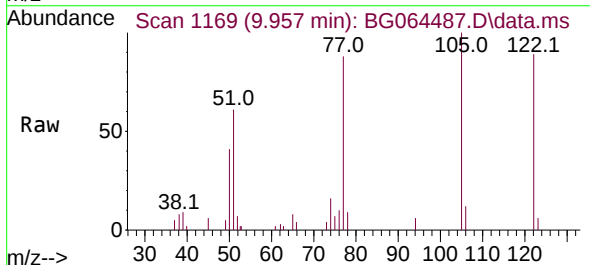
Tgt Ion:128 Resp: 178036
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.4 10.2 15.2

Manual Integrations
APPROVED

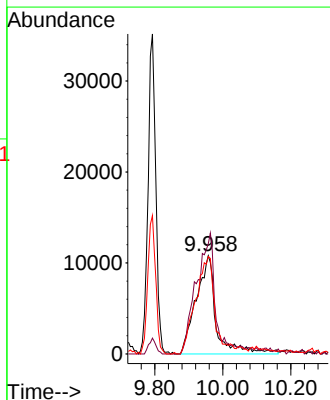
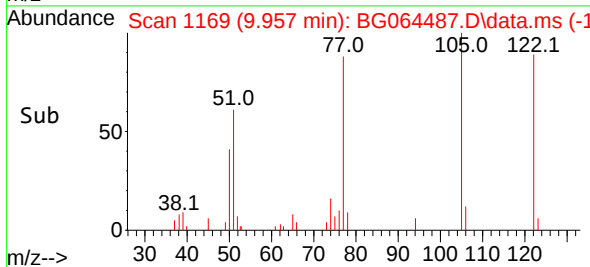
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

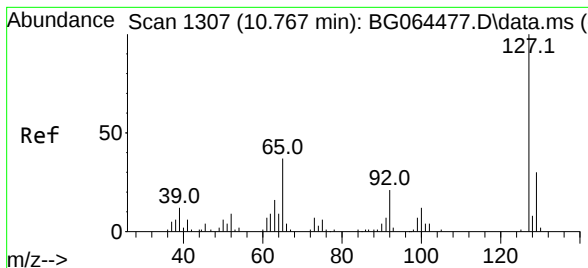


#32
Benzoic acid
Concen: 56.879 ng m
RT: 9.957 min Scan# 1169
Delta R.T. 0.069 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



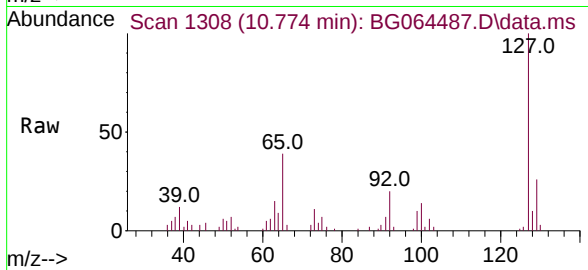
Tgt Ion:122 Resp: 44023
Ion Ratio Lower Upper
122 100
105 112.2 113.9 153.9#
77 99.1 86.1 126.1





#33
4-Chloroaniline
Concen: 17.796 ng
RT: 10.774 min Scan# 1307
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

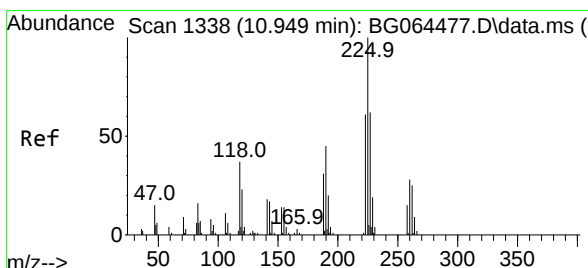
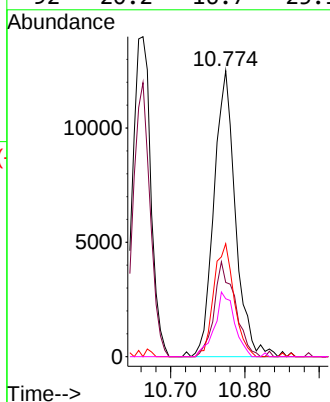
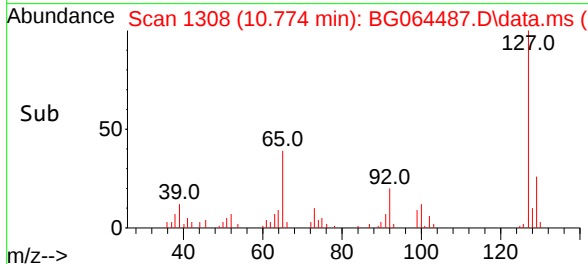
Instrument :
BNA_G
ClientSampleId :
PB169969BS



Tgt Ion:127 Resp: 25145
Ion Ratio Lower Upper
127 100
129 25.9 24.2 36.4
65 39.5 29.6 44.4
92 20.2 16.7 25.1

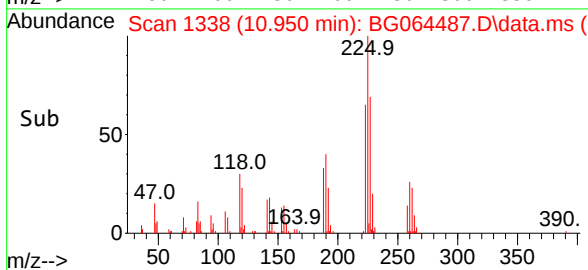
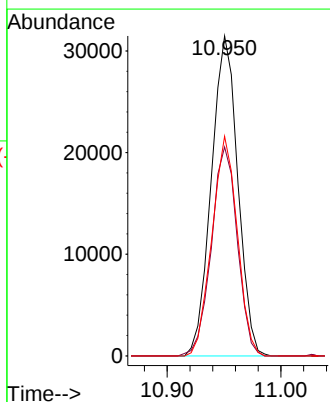
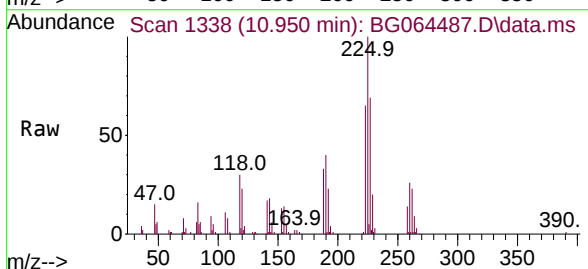
Manual Integrations
APPROVED

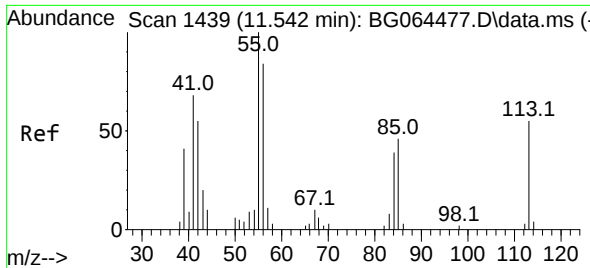
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#34
Hexachlorobutadiene
Concen: 46.724 ng
RT: 10.950 min Scan# 1338
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

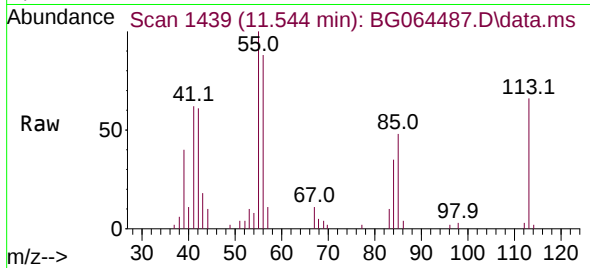
Tgt Ion:225 Resp: 50862
Ion Ratio Lower Upper
225 100
223 65.3 49.0 73.6
227 68.6 49.9 74.9





#35
 Caprolactam
 Concen: 48.992 ng m
 RT: 11.544 min Scan# 1439
 Delta R.T. 0.034 min
 Lab File: BG064487.D
 Acq: 3 Oct 2025 14:54

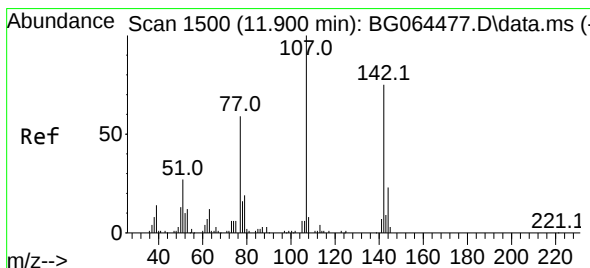
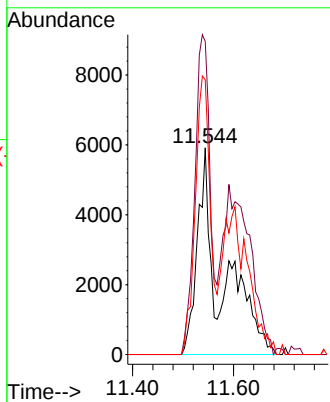
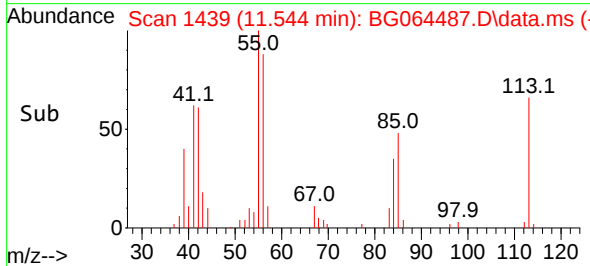
Instrument :
 BNA_G
 ClientSampleId :
 PB169969BS



Tgt Ion:113 Resp: 19552
 Ion Ratio Lower Upper
 113 100
 55 151.4 162.0 202.0
 56 132.9 134.6 174.6

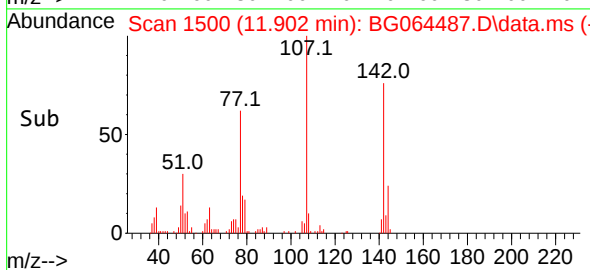
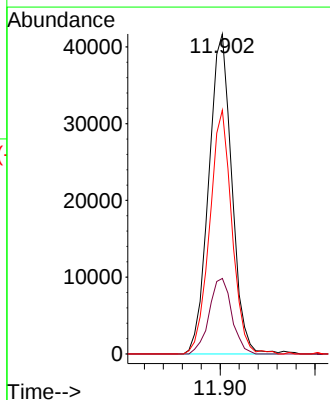
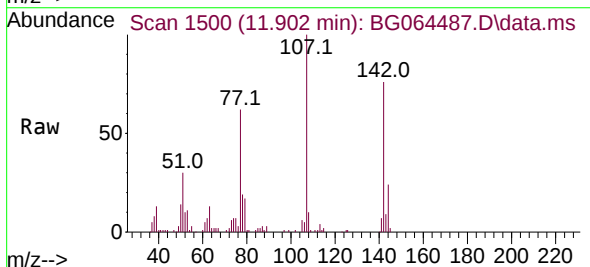
Manual Integrations
 APPROVED

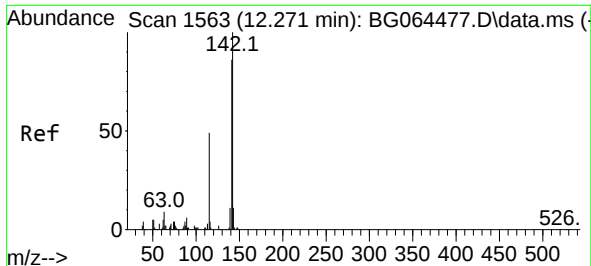
Reviewed By :Rahul Chavli 10/06/2025
 Supervised By :Jagrut Upadhyay 10/06/2025



#36
 4-Chloro-3-methylphenol
 Concen: 49.661 ng
 RT: 11.902 min Scan# 1500
 Delta R.T. 0.010 min
 Lab File: BG064487.D
 Acq: 3 Oct 2025 14:54

Tgt Ion:107 Resp: 70402
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.7 28.1
 142 76.2 60.2 90.2





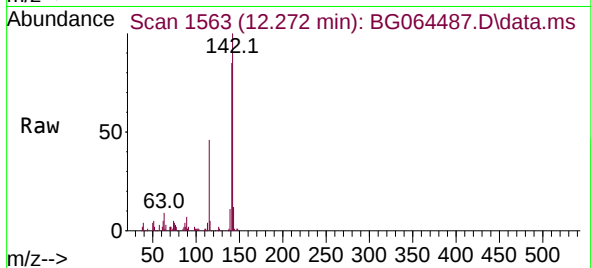
#37
2-Methylnaphthalene
Concen: 43.300 ng
RT: 12.272 min Scan# 1563
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS



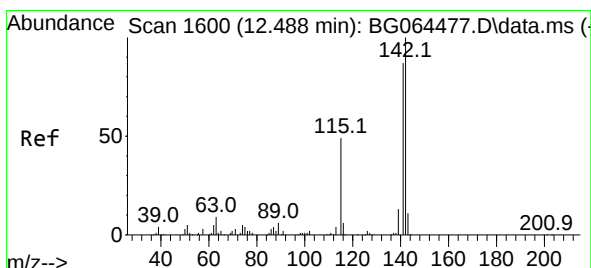
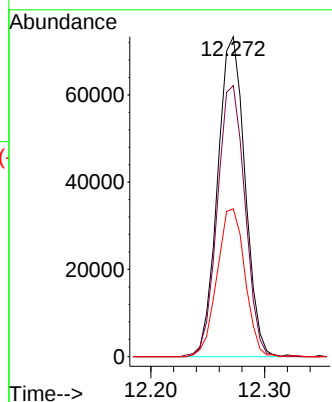
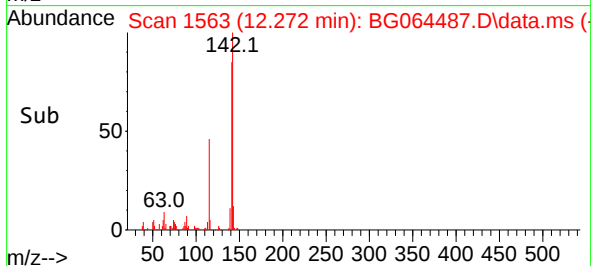
Tgt Ion:142 Resp: 122387
Ion Ratio Lower Upper
142 100
141 84.7 68.7 103.1
115 46.2 39.3 58.9

Manual Integrations

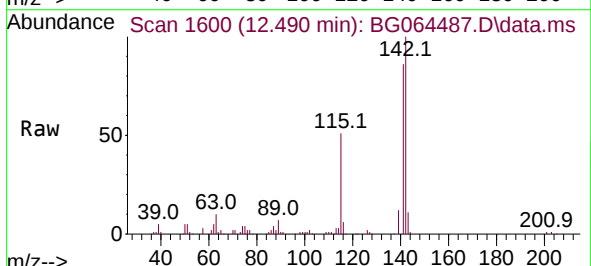
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

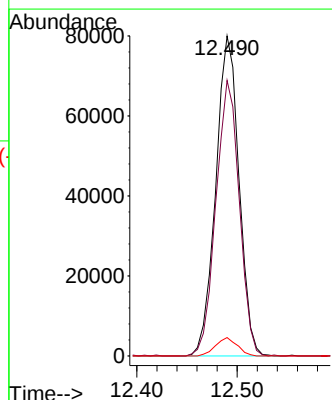
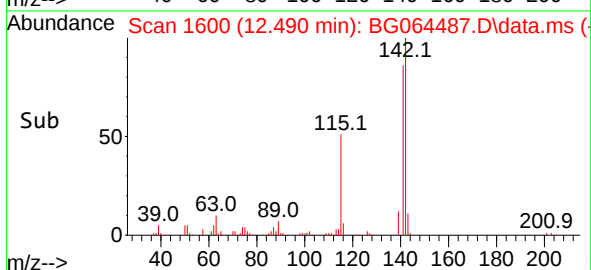
Supervised By :Jagrut Upadhyay 10/06/2025

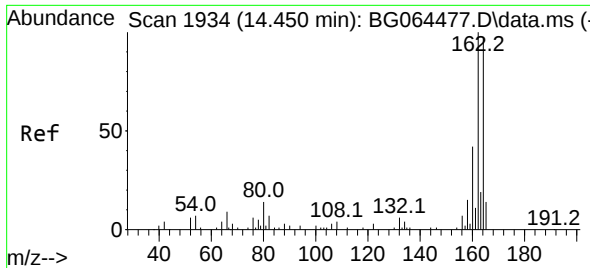


#38
1-Methylnaphthalene
Concen: 45.802 ng
RT: 12.490 min Scan# 1600
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



Tgt Ion:142 Resp: 129089
Ion Ratio Lower Upper
142 100
141 86.1 69.8 104.8
116 5.7 4.6 6.8





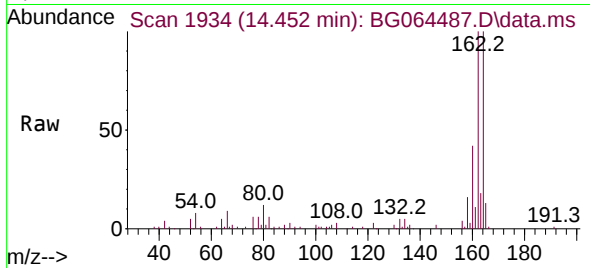
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.452 min Scan# 1934
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS

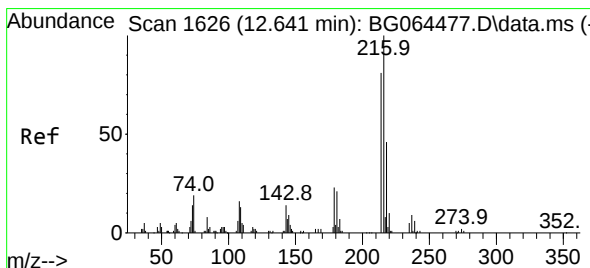
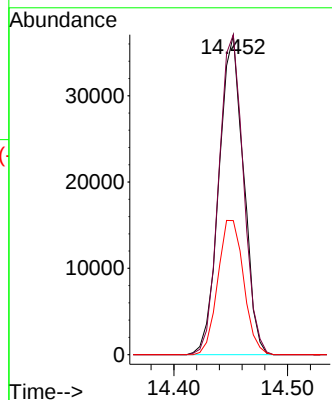
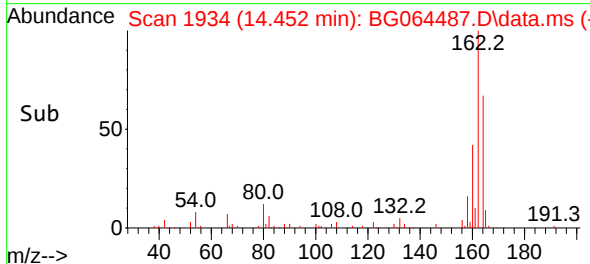


Tgt Ion:164 Resp: 55447
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 42.0 34.3 51.5

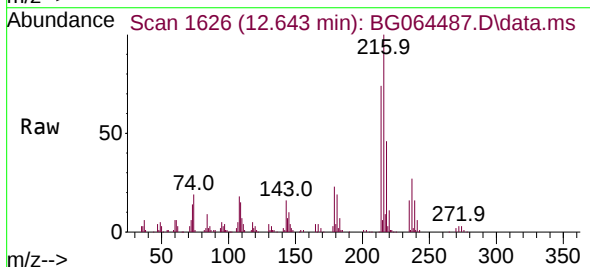
Manual Integrations

APPROVED

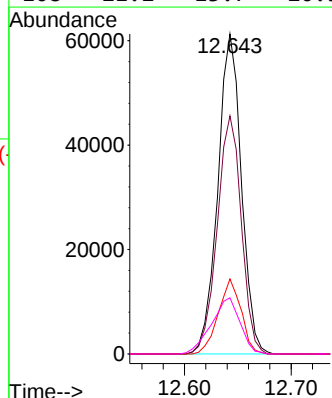
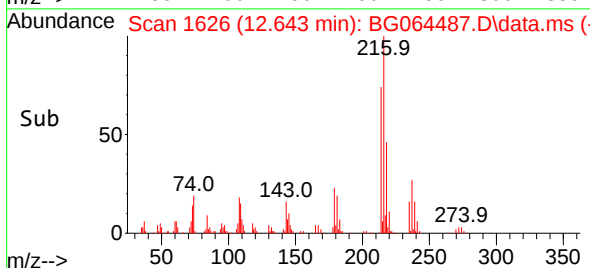
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

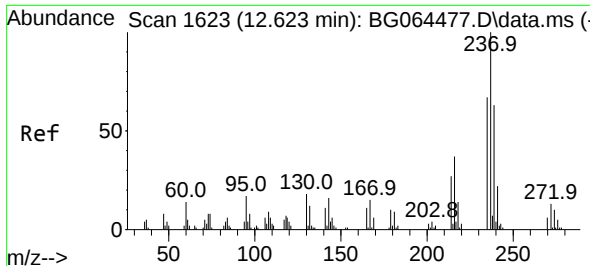


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.677 ng
RT: 12.643 min Scan# 1626
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



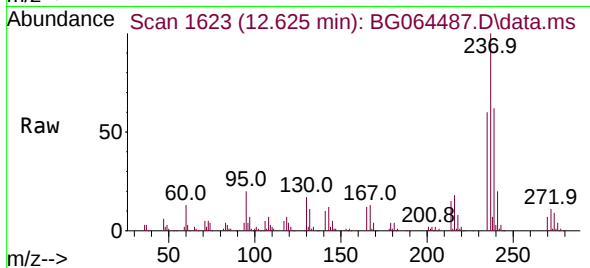
Tgt Ion:216 Resp: 94306
Ion Ratio Lower Upper
216 100
214 75.8 62.5 93.7
179 22.6 17.0 25.6
108 21.2 13.7 20.5#





#41
Hexachlorocyclopentadiene
Concen: 134.582 ng
RT: 12.625 min Scan# 1623
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

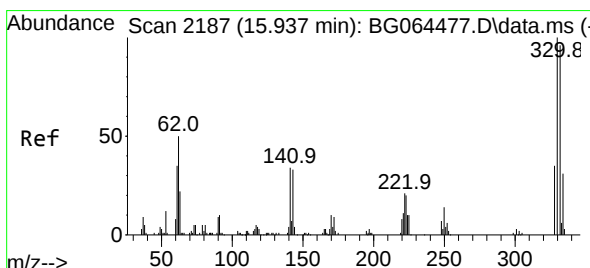
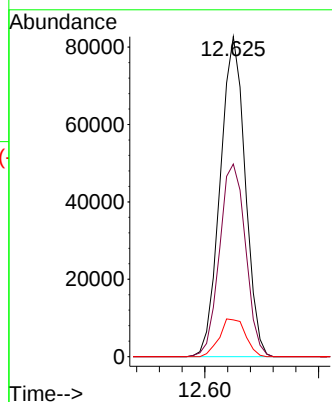
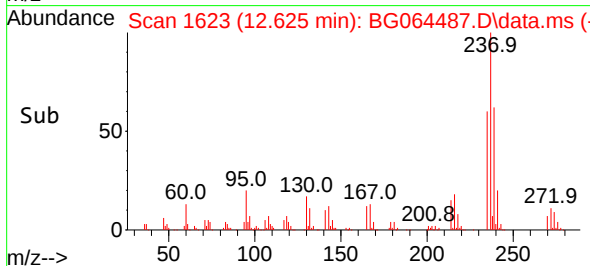
Instrument :
BNA_G
ClientSampleId :
PB169969BS



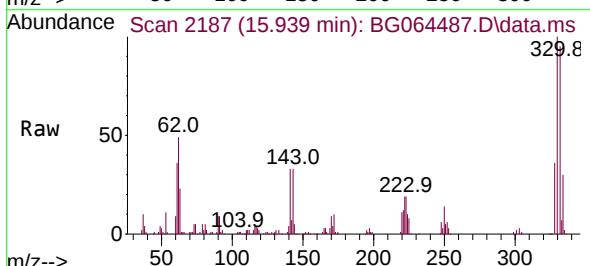
Tgt Ion:237 Resp: 126034
Ion Ratio Lower Upper
237 100
235 60.2 46.9 86.9
272 11.5 0.0 32.6

Manual Integrations
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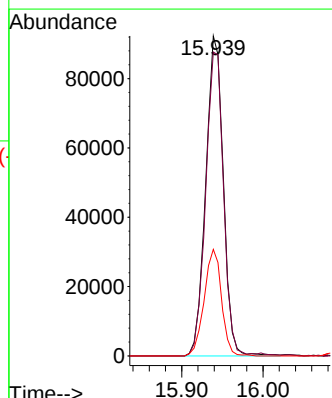
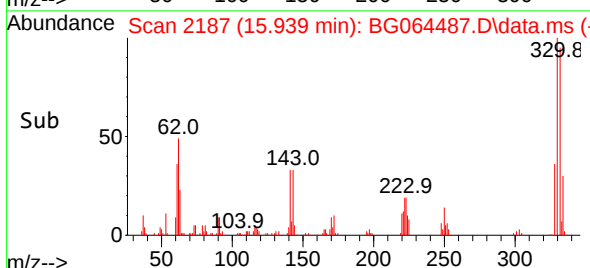
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

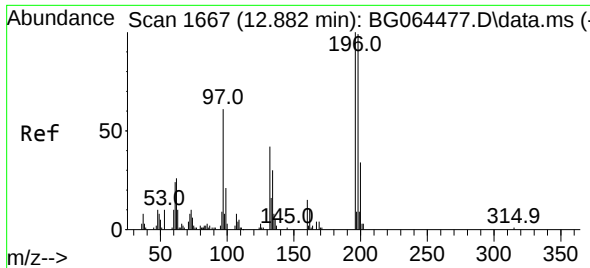


#42
2,4,6-Tribromophenol
Concen: 138.349 ng
RT: 15.939 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



Tgt Ion:330 Resp: 139048
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 32.8 25.8 38.6





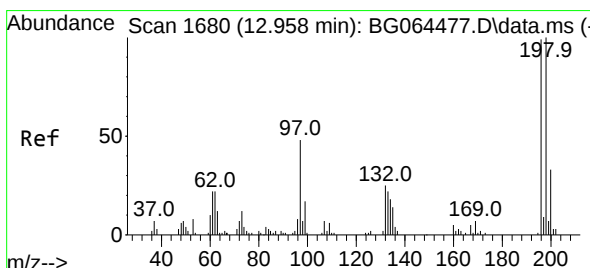
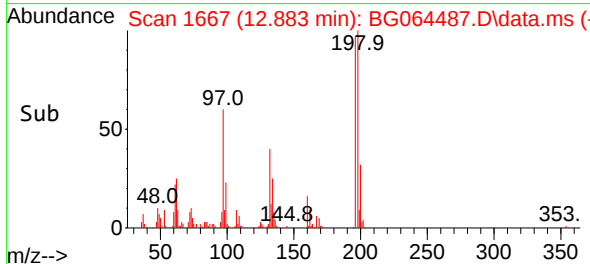
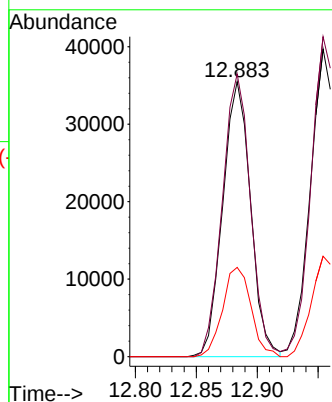
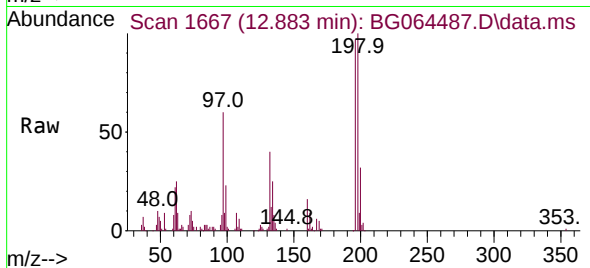
#43
2,4,6-Trichlorophenol
Concen: 49.214 ng
RT: 12.883 min Scan# 1667
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :
BNA_G
ClientSampleId :
PB169969BS

Tgt Ion:196 Resp: 56323
Ion Ratio Lower Upper
196 100
198 102.8 79.3 118.9
200 32.4 27.4 41.2

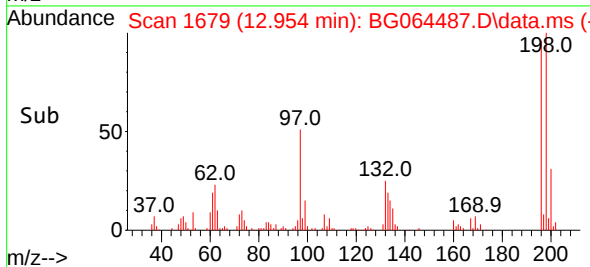
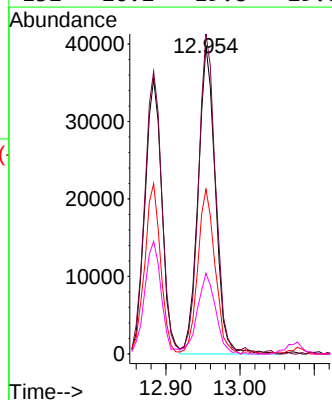
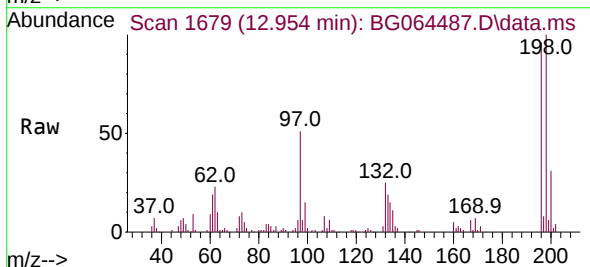
Manual Integrations
APPROVED

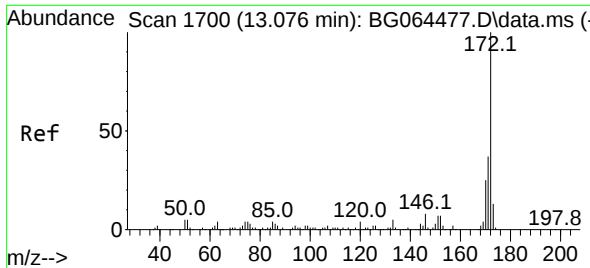
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#44
2,4,5-Trichlorophenol
Concen: 50.378 ng
RT: 12.954 min Scan# 1679
Delta R.T. -0.002 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:196 Resp: 64367
Ion Ratio Lower Upper
196 100
198 104.0 80.3 120.5
97 53.5 39.4 59.0
132 26.2 19.8 29.8





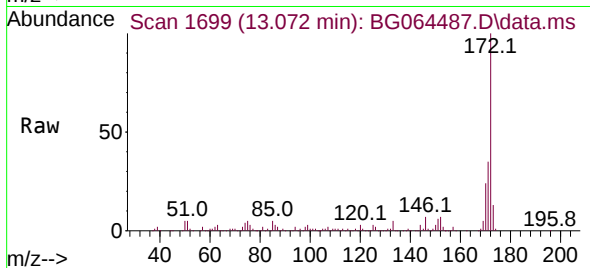
#45
2-Fluorobiphenyl
Concen: 89.827 ng
RT: 13.072 min Scan# 1699
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS



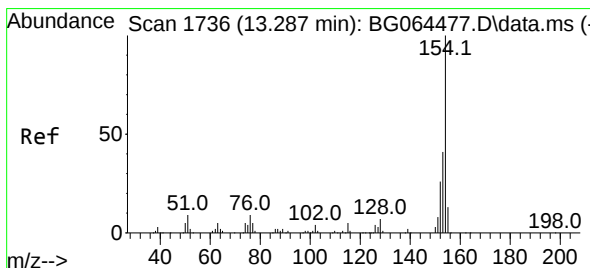
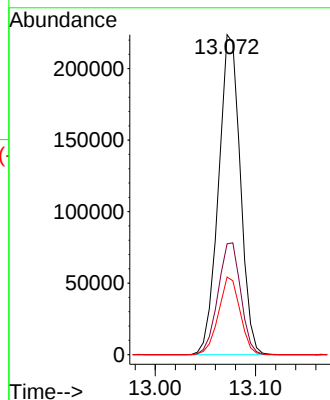
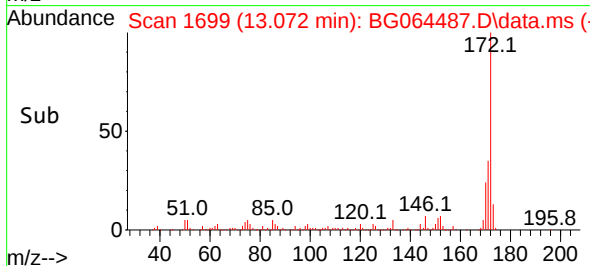
Tgt Ion:172 Resp: 337900
Ion Ratio Lower Upper
172 100
171 34.6 29.6 44.4
170 24.2 20.2 30.2

Manual Integrations

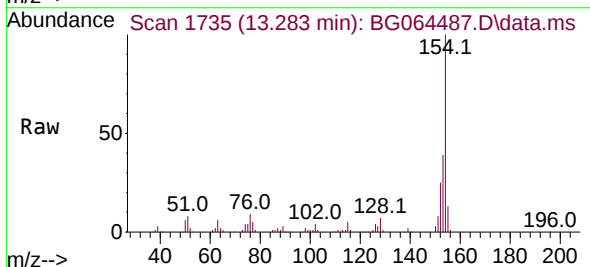
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

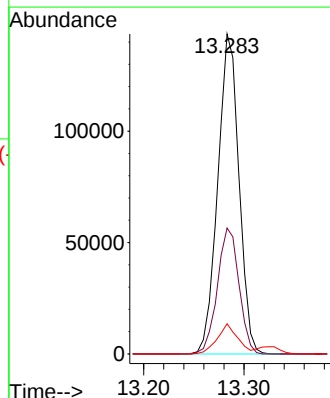
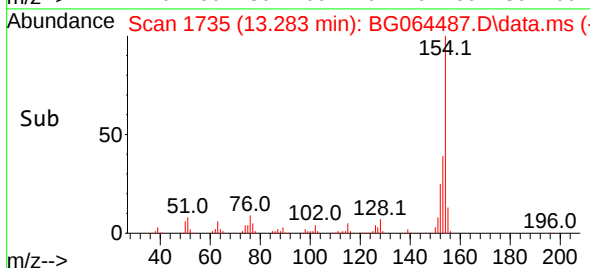
Supervised By :Jagrut Upadhyay 10/06/2025

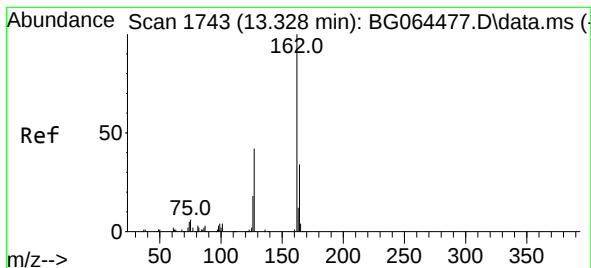


#46
1,1'-Biphenyl
Concen: 52.875 ng
RT: 13.283 min Scan# 1735
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



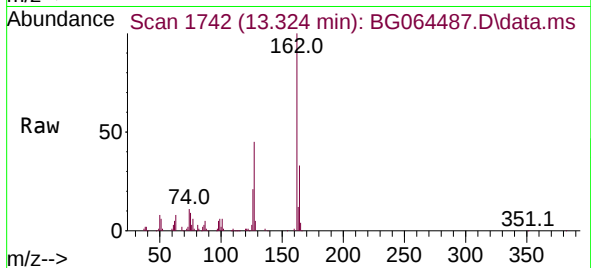
Tgt Ion:154 Resp: 210864
Ion Ratio Lower Upper
154 100
153 39.3 20.7 60.7
76 9.4 0.0 29.3





#47
2-Chloronaphthalene
Concen: 47.935 ng
RT: 13.324 min Scan# 1743
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

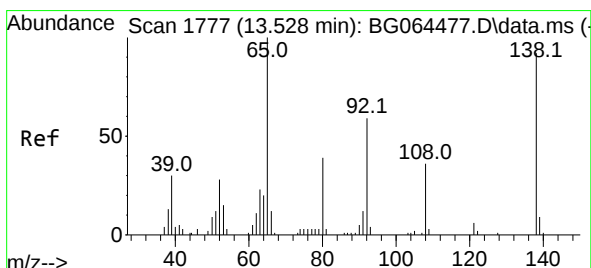
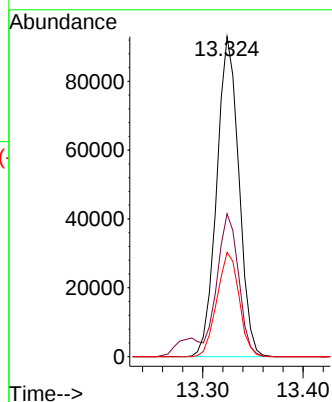
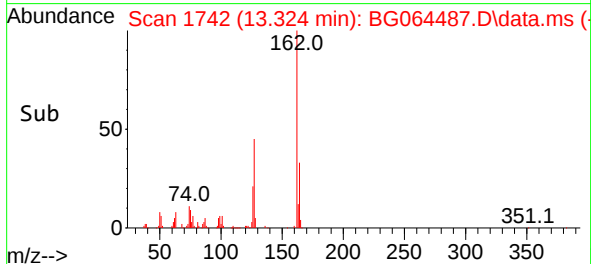
Instrument :
BNA_G
ClientSampleId :
PB169969BS



Tgt Ion:162 Resp: 142725
Ion Ratio Lower Upper
162 100
127 44.6 35.8 53.8
164 32.6 27.2 40.8

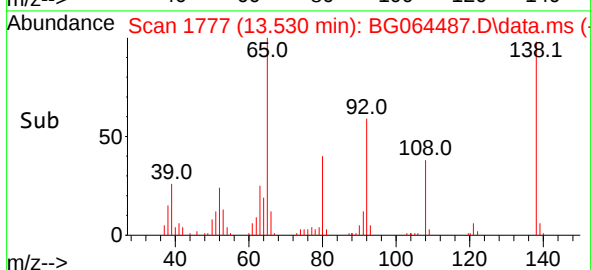
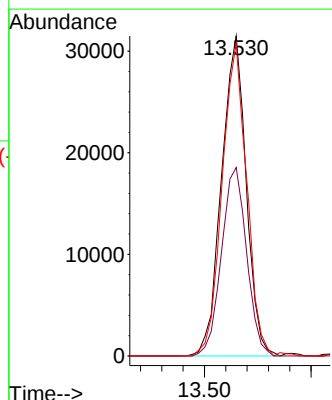
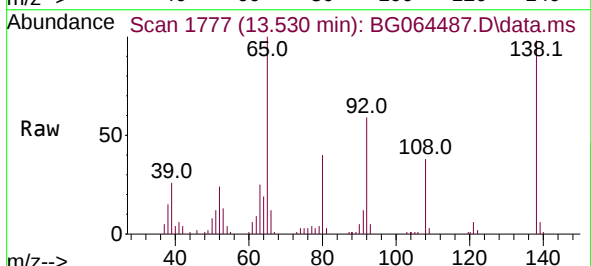
Manual Integrations
APPROVED

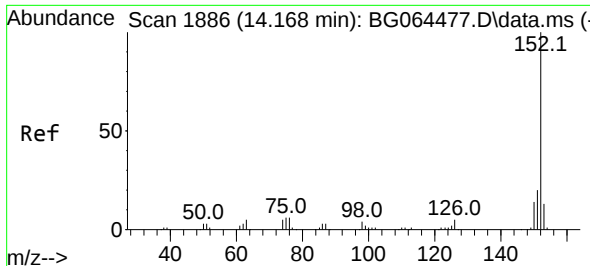
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#48
2-Nitroaniline
Concen: 49.732 ng
RT: 13.530 min Scan# 1777
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion: 65 Resp: 50538
Ion Ratio Lower Upper
65 100
92 58.9 47.0 70.6
138 97.7 73.5 110.3





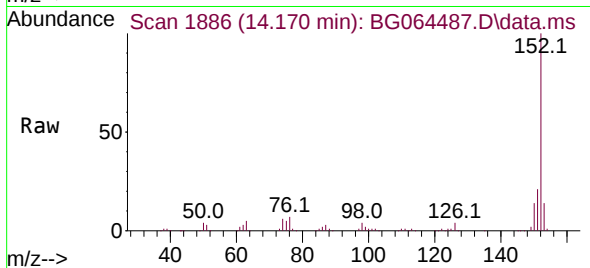
#49
Acenaphthylene
Concen: 53.918 ng
RT: 14.170 min Scan# 1886
Delta R.T. -0.002 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS



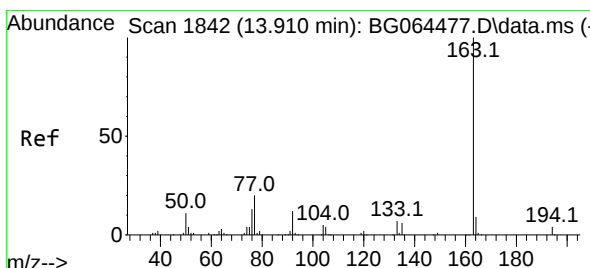
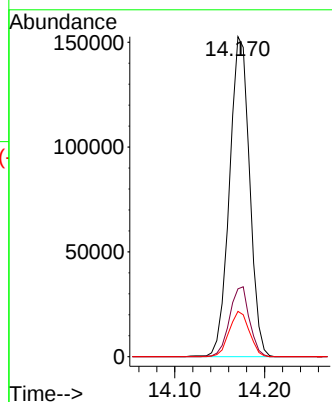
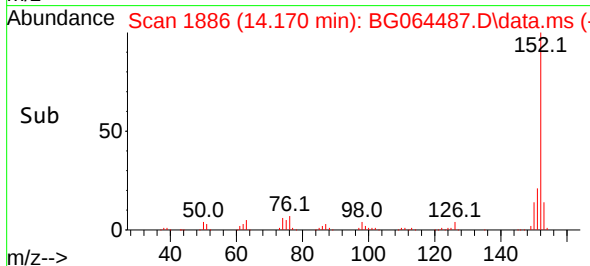
Tgt Ion:152 Resp: 238315
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.6
153 14.1 10.6 15.8

Manual Integrations

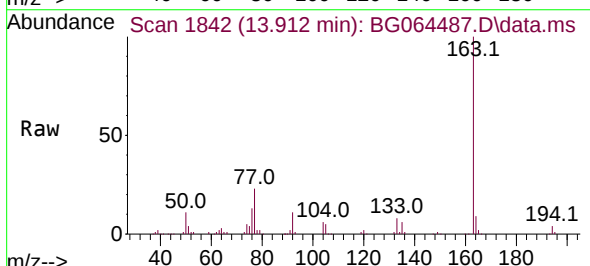
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

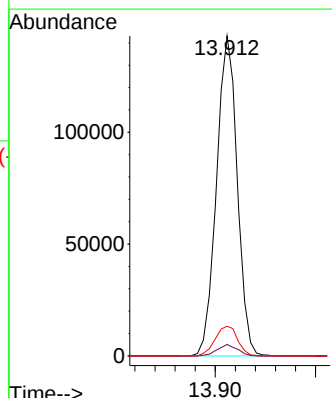
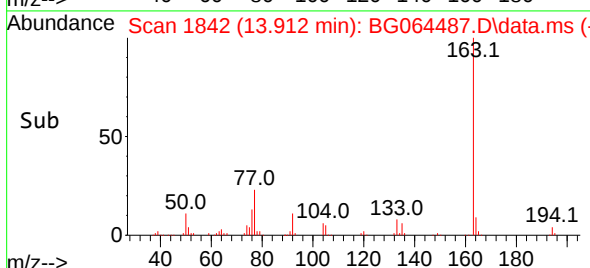
Supervised By :Jagrut Upadhyay 10/06/2025

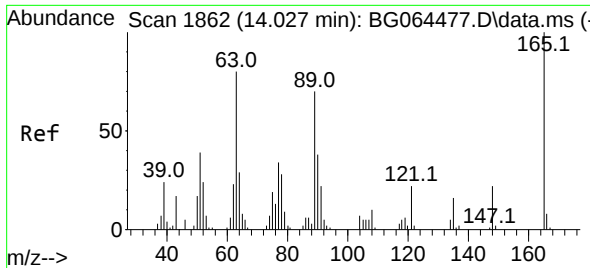


#50
Dimethylphthalate
Concen: 47.330 ng
RT: 13.912 min Scan# 1842
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



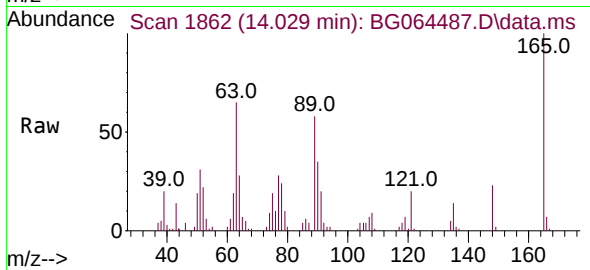
Tgt Ion:163 Resp: 205536
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.3 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 50.896 ng
RT: 14.029 min Scan# 1862
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

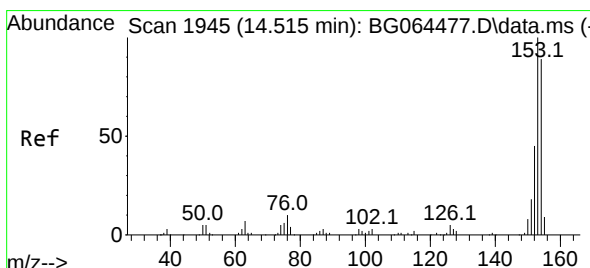
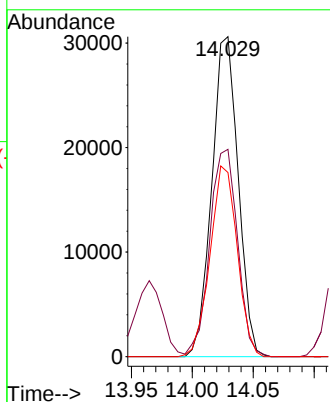
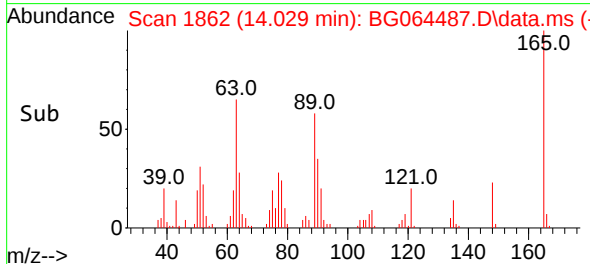
Instrument :
BNA_G
ClientSampleId :
PB169969BS



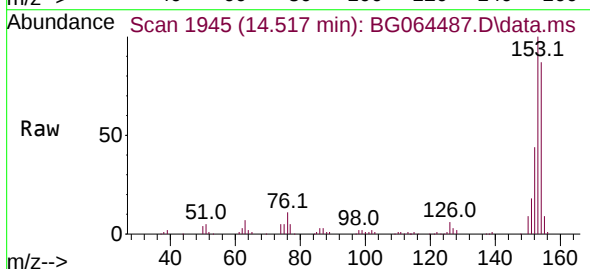
Tgt Ion:165 Resp: 46042
Ion Ratio Lower Upper
165 100
63 64.8 63.9 95.9
89 57.5 56.1 84.1

Manual Integrations
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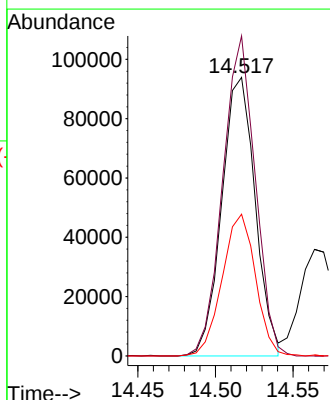
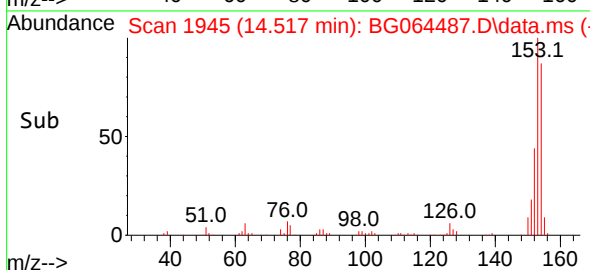
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

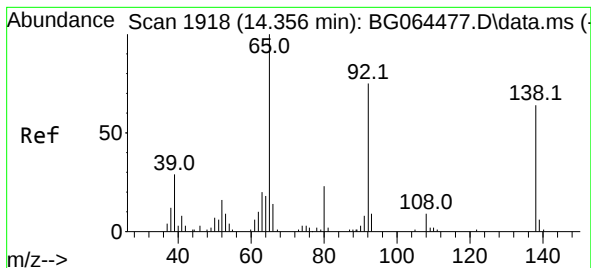


#52
Acenaphthene
Concen: 46.015 ng
RT: 14.517 min Scan# 1945
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



Tgt Ion:154 Resp: 141301
Ion Ratio Lower Upper
154 100
153 114.9 90.2 135.4
152 50.9 40.2 60.4





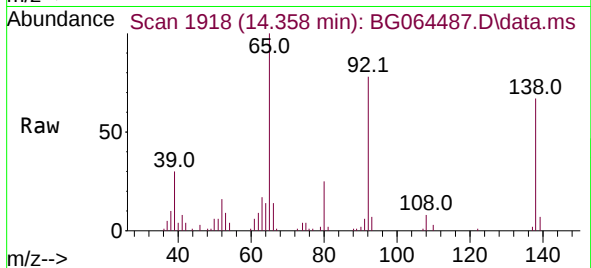
#53
3-Nitroaniline
Concen: 26.215 ng
RT: 14.358 min Scan# 1918
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS

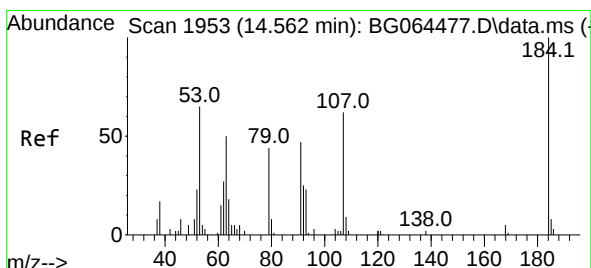
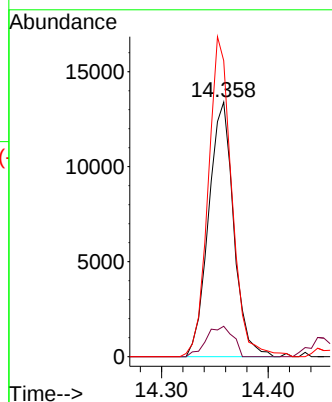
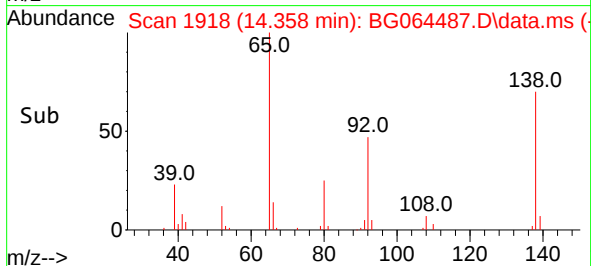


Tgt Ion:138 Resp: 2187
Ion Ratio Lower Upper
138 100
108 11.9 10.6 15.8
92 116.2 93.2 139.8

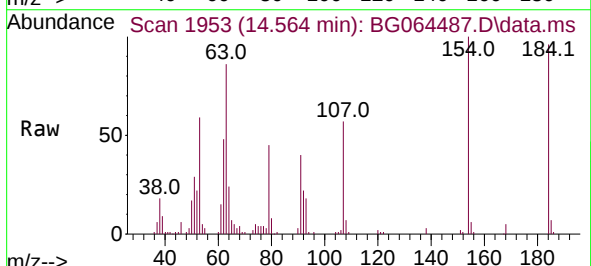
Manual Integrations

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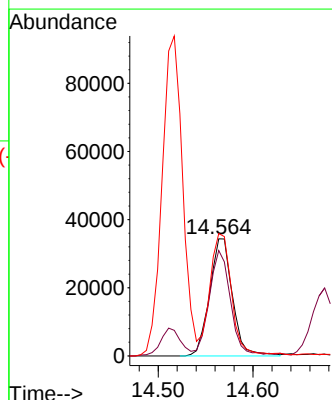
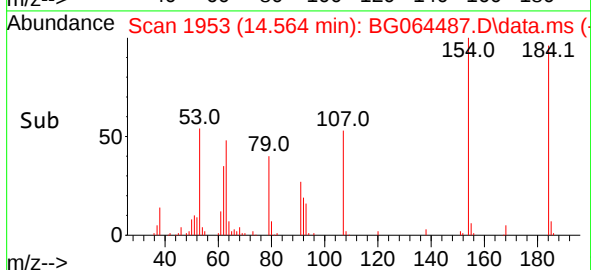
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

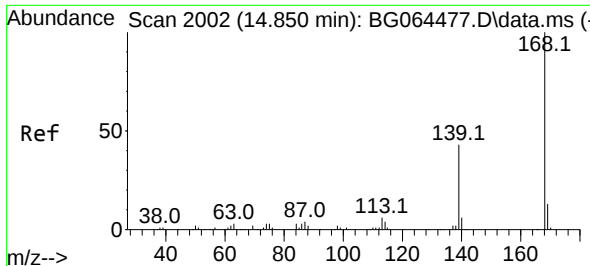


#54
2,4-Dinitrophenol
Concen: 87.756 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



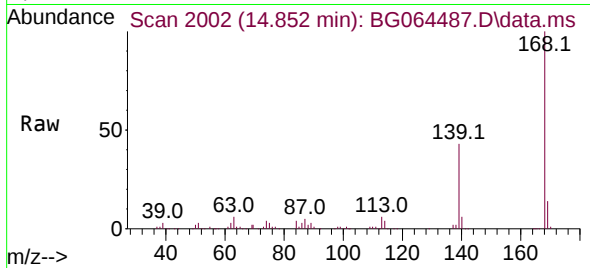
Tgt Ion:184 Resp: 57564
Ion Ratio Lower Upper
184 100
63 90.0 69.0 103.4
154 104.5 95.6 143.4





#55
Dibenzenofuran
Concen: 47.518 ng
RT: 14.852 min Scan# 2002
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

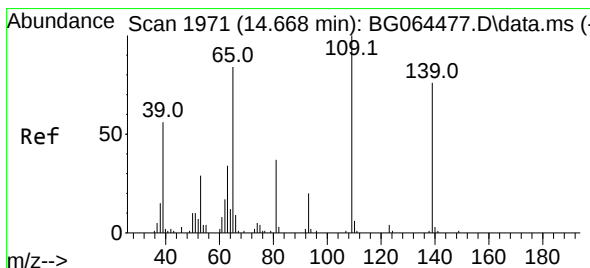
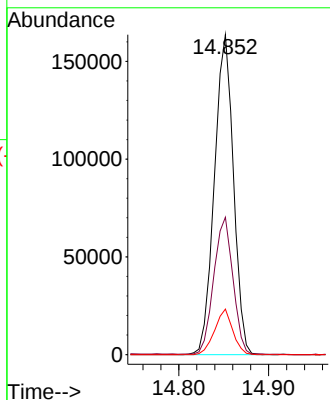
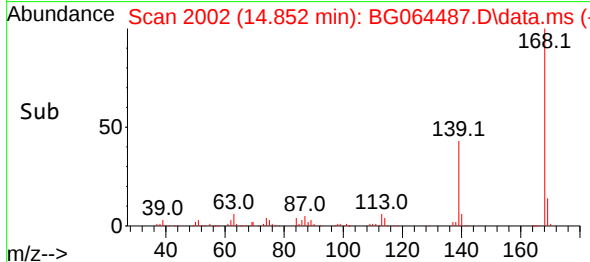
Instrument :
BNA_G
ClientSampleId :
PB169969BS



Tgt Ion:168 Resp: 240927
Ion Ratio Lower Upper
168 100
139 42.9 34.0 51.0
169 14.2 10.2 15.2

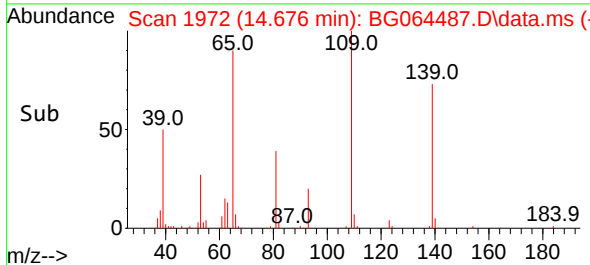
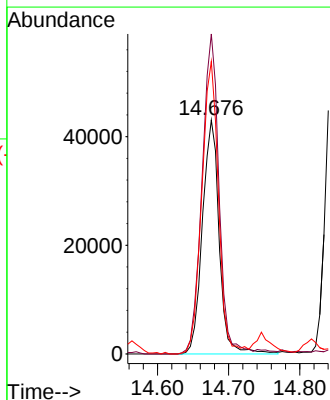
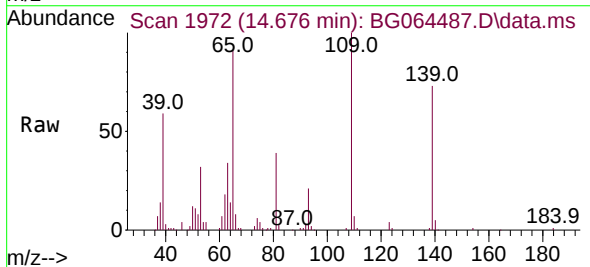
Manual Integrations
APPROVED

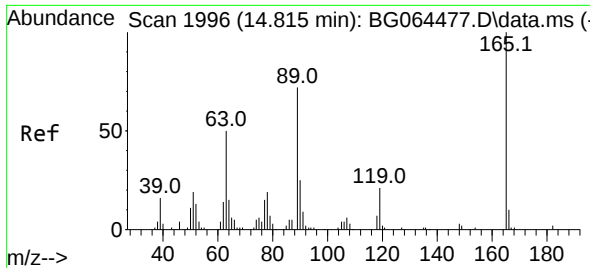
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#56
4-Nitrophenol
Concen: 107.183 ng
RT: 14.676 min Scan# 1972
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:139 Resp: 70403
Ion Ratio Lower Upper
139 100
109 136.8 111.8 151.8
65 125.0 91.1 131.1





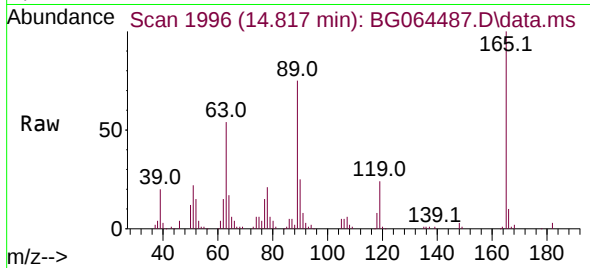
#57
2,4-Dinitrotoluene
Concen: 49.193 ng
RT: 14.817 min Scan# 1996
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS



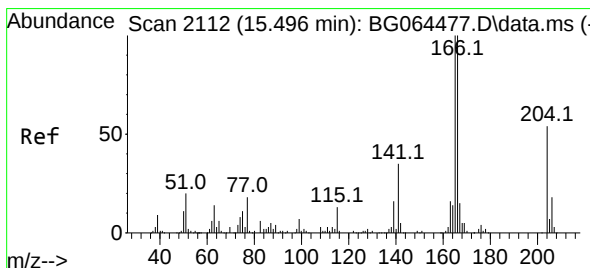
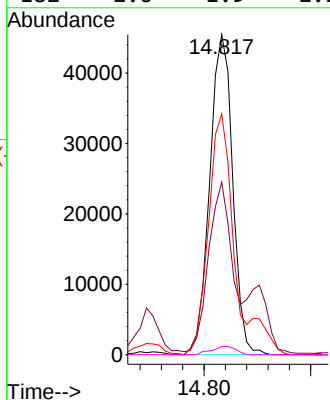
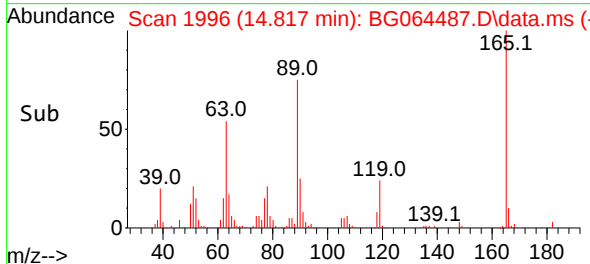
Tgt Ion:165 Resp: 68028
Ion Ratio Lower Upper
165 100
63 53.9 40.4 60.6
89 75.2 57.3 85.9
182 2.6 1.9 2.9

Manual Integrations

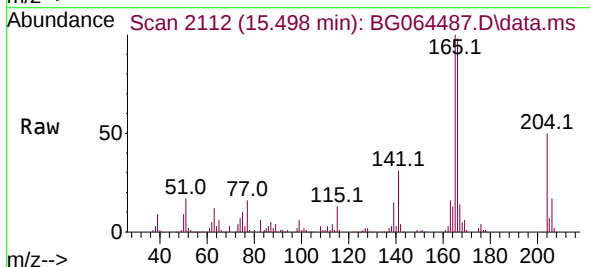
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

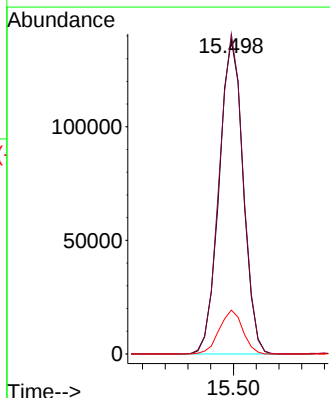
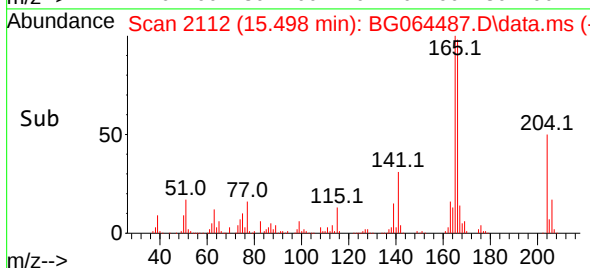
Supervised By :Jagrut Upadhyay 10/06/2025

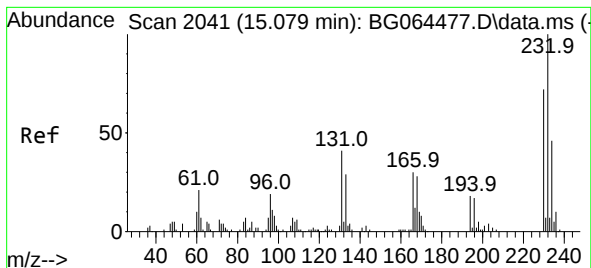


#58
Fluorene
Concen: 48.031 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



Tgt Ion:166 Resp: 202457
Ion Ratio Lower Upper
166 100
165 101.9 79.8 119.6
167 13.9 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.559 ng
RT: 15.081 min Scan# 2041
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS

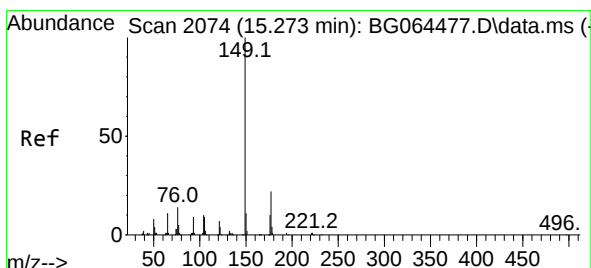
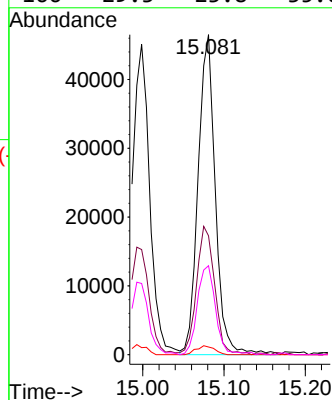
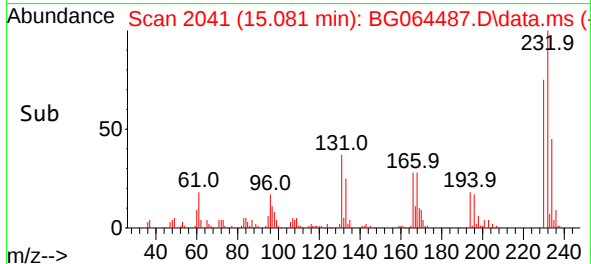
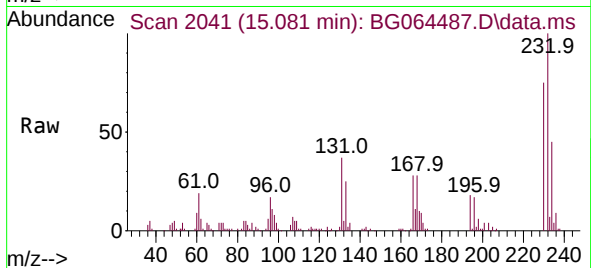
Tgt Ion:232 Resp: 68535
Ion Ratio Lower Upper
232 100
131 41.9 35.0 52.4
130 2.9 2.0 3.0
166 29.3 23.8 35.6

Manual Integrations

APPROVED

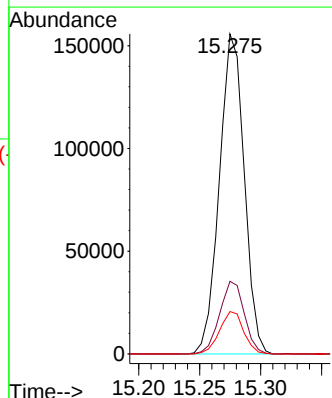
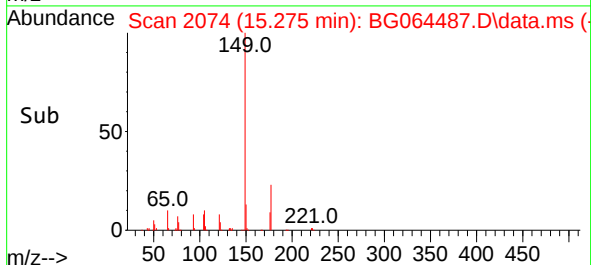
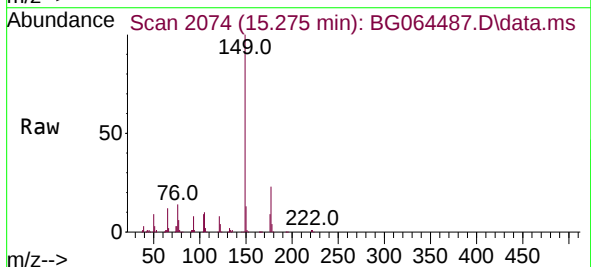
Reviewed By :Rahul Chavli 10/06/2025

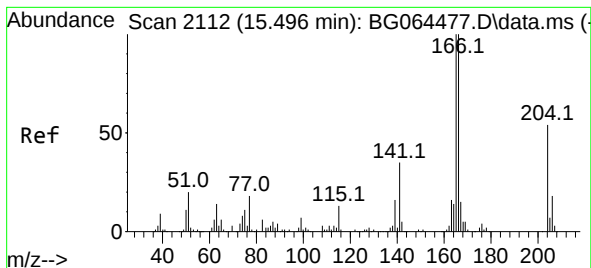
Supervised By :Jagrut Upadhyay 10/06/2025



#60
Diethylphthalate
Concen: 47.330 ng
RT: 15.275 min Scan# 2074
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:149 Resp: 220490
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.0
150 13.2 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 46.715 ng
RT: 15.492 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

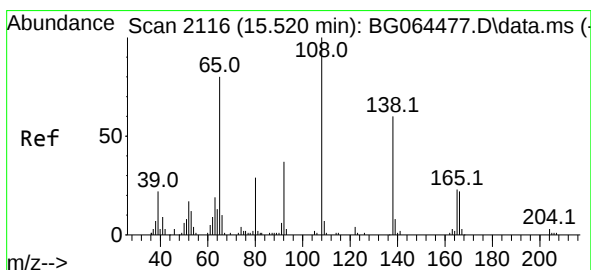
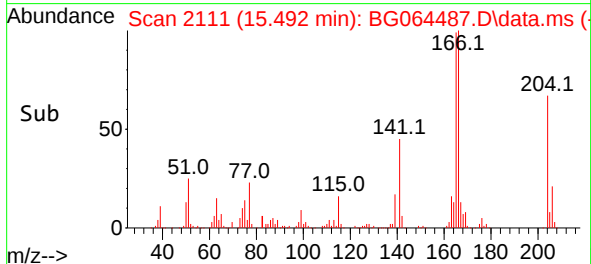
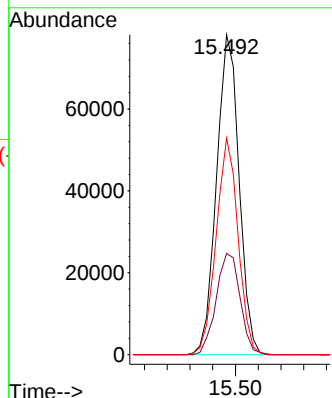
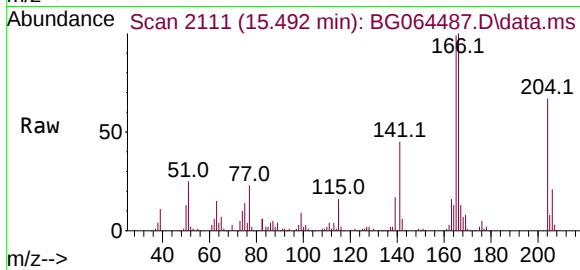
PB169969BS

Tgt Ion:204 Resp: 107502
Ion Ratio Lower Upper
204 100
206 31.6 27.1 40.7
141 67.7 51.5 77.3

Manual Integrations

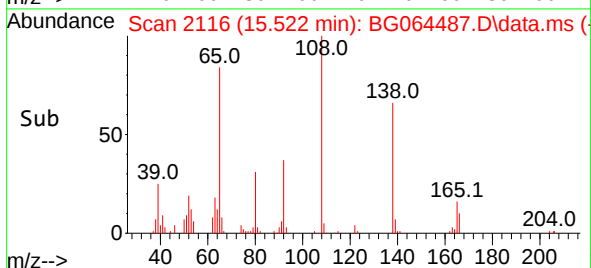
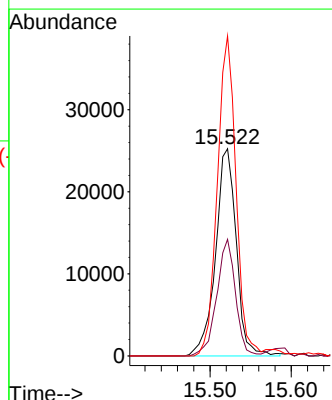
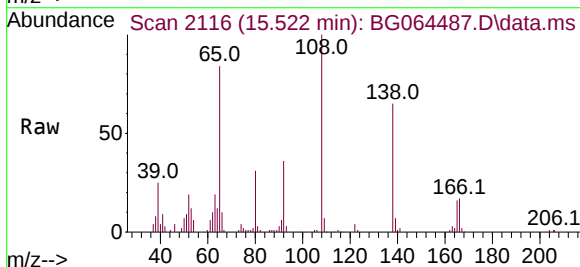
APPROVED

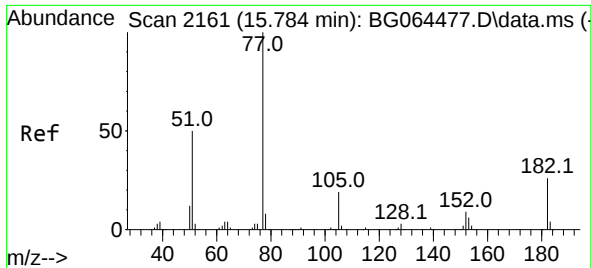
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#62
4-Nitroaniline
Concen: 51.578 ng
RT: 15.522 min Scan# 2116
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:138 Resp: 44849
Ion Ratio Lower Upper
138 100
92 56.3 42.3 82.3
108 154.5 147.7 187.7





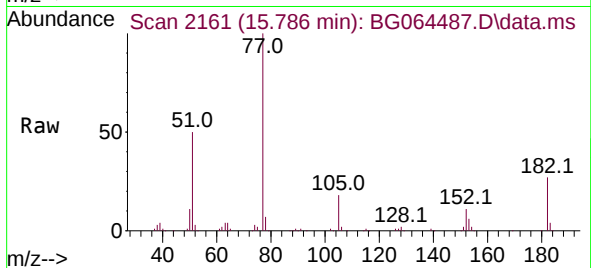
#63
Azobenzene
Concen: 48.317 ng
RT: 15.786 min Scan# 2161
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS



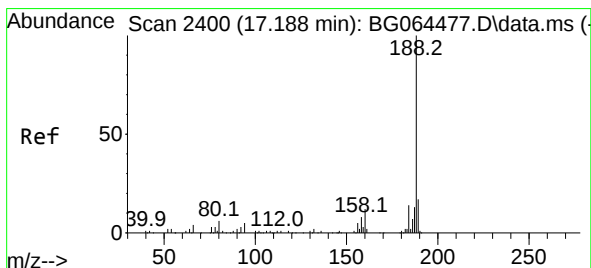
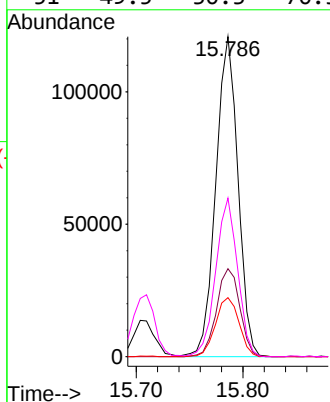
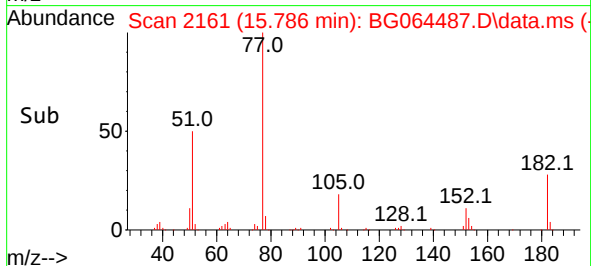
Tgt Ion: 77 Resp: 174320
Ion Ratio Lower Upper
77 100
182 27.5 6.3 46.3
105 18.4 0.0 38.7
51 49.5 30.3 70.3

Manual Integrations

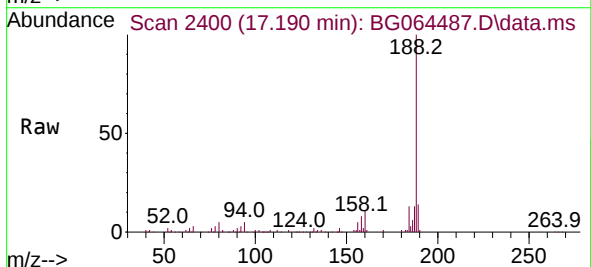
APPROVED

Reviewed By :Rahul Chavli 10/06/2025

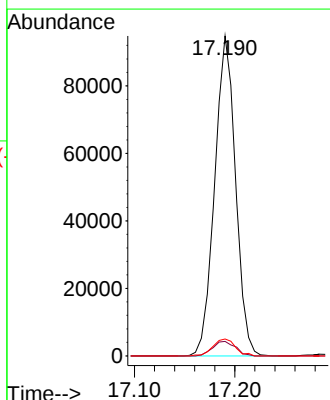
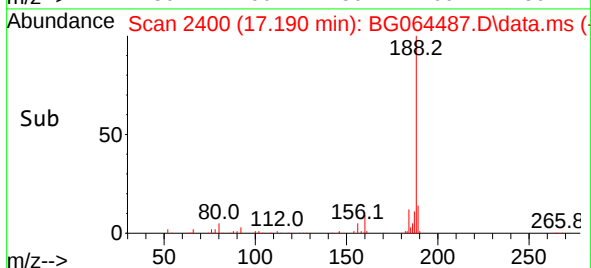
Supervised By :Jagrut Upadhyay 10/06/2025

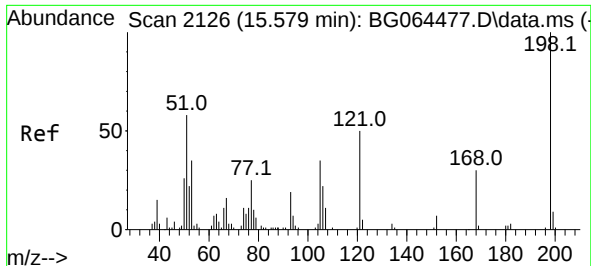


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



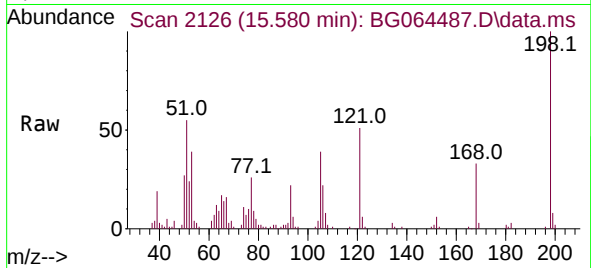
Tgt Ion:188 Resp: 137310
Ion Ratio Lower Upper
188 100
94 4.5 3.7 5.5
80 5.3 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 51.214 ng
RT: 15.580 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

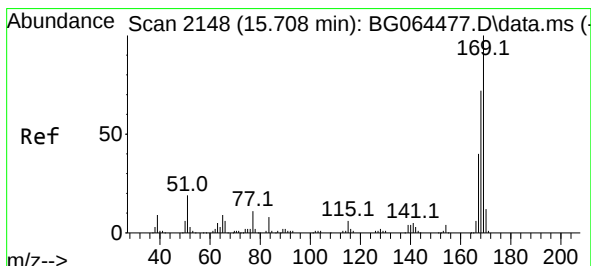
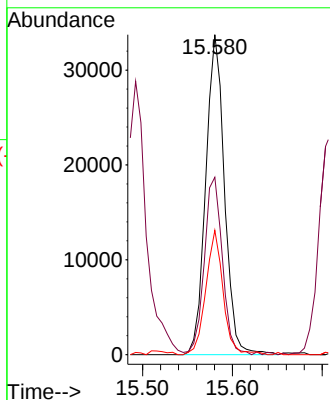
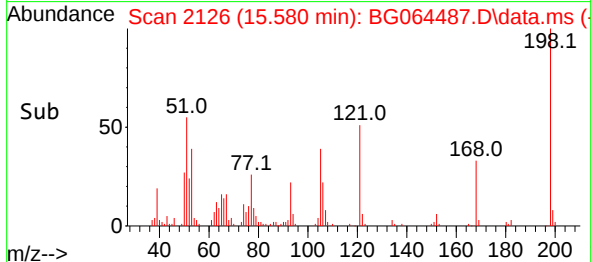
Instrument :
BNA_G
ClientSampleId :
PB169969BS



Tgt Ion:198 Resp: 48963
Ion Ratio Lower Upper
198 100
51 55.4 39.0 79.0
105 38.8 15.8 55.8

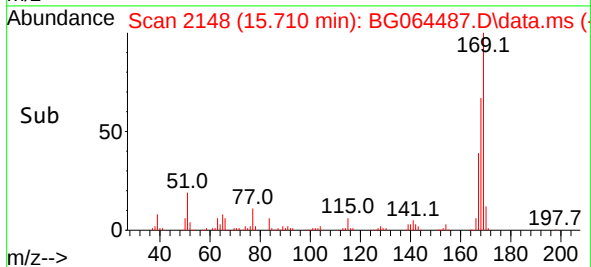
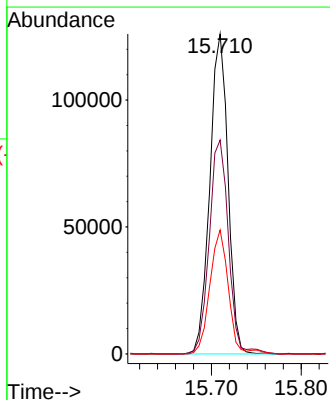
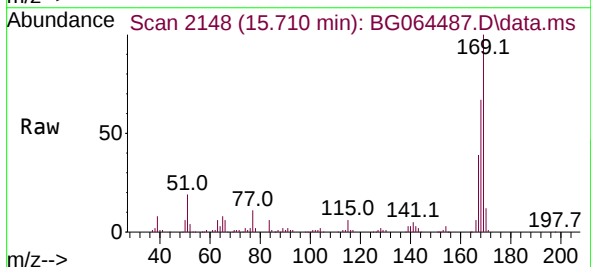
Manual Integrations
APPROVED

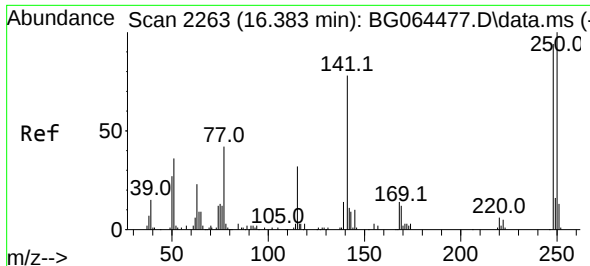
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#66
n-Nitrosodiphenylamine
Concen: 48.344 ng
RT: 15.710 min Scan# 2148
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:169 Resp: 177265
Ion Ratio Lower Upper
169 100
168 66.8 57.8 86.6
167 38.7 31.7 47.5





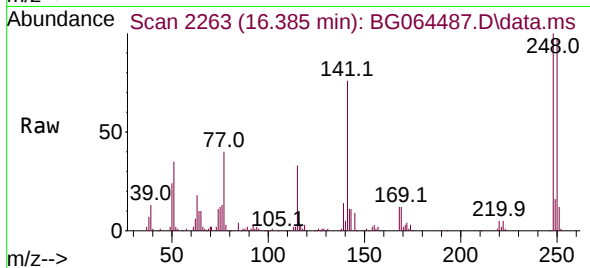
#67
4-Bromophenyl-phenylether
Concen: 48.543 ng
RT: 16.385 min Scan# 2263
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS

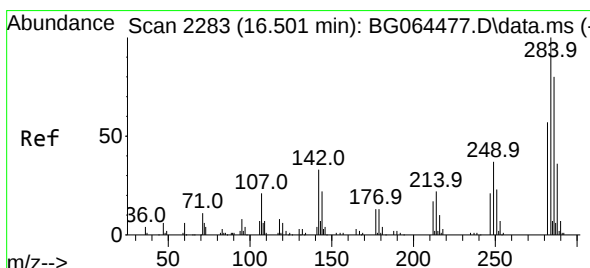
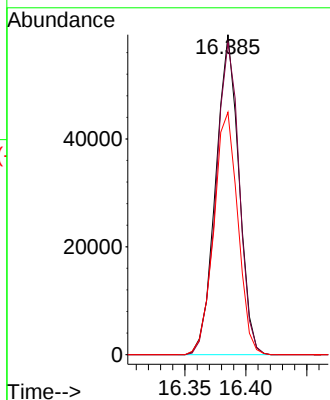
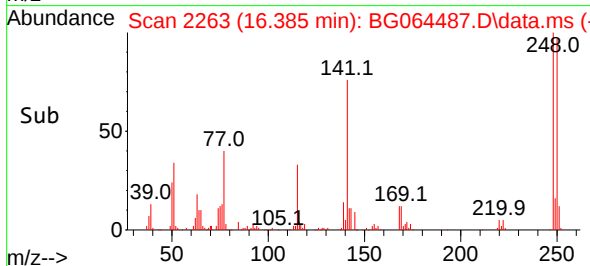


Tgt Ion:248 Resp: 78436
Ion Ratio Lower Upper
248 100
250 97.4 85.3 127.9
141 75.7 66.2 99.2

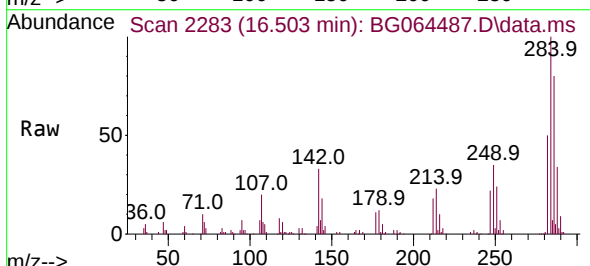
Manual Integrations

APPROVED

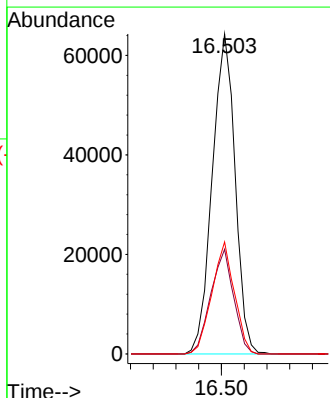
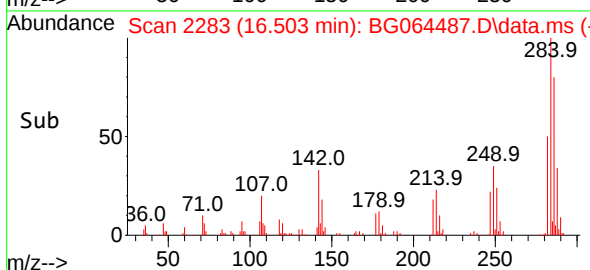
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

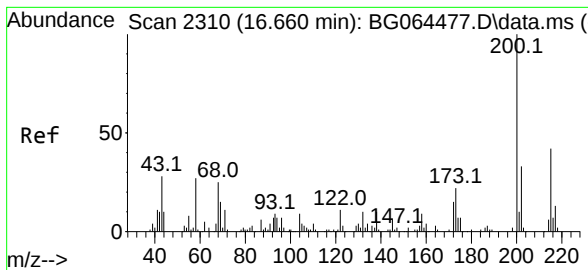


#68
Hexachlorobenzene
Concen: 48.461 ng
RT: 16.503 min Scan# 2283
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



Tgt Ion:284 Resp: 89602
Ion Ratio Lower Upper
284 100
142 32.7 26.2 39.2
249 35.0 29.4 44.0





#69
 Atrazine
 Concen: 52.252 ng
 RT: 16.656 min Scan# 2309
 Delta R.T. 0.004 min
 Lab File: BG064487.D
 Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

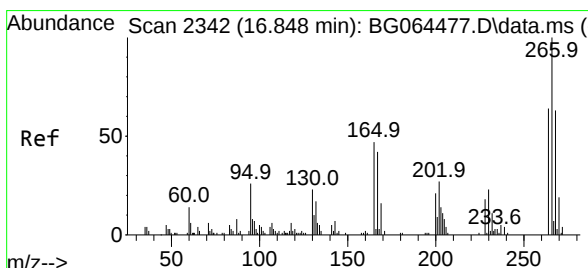
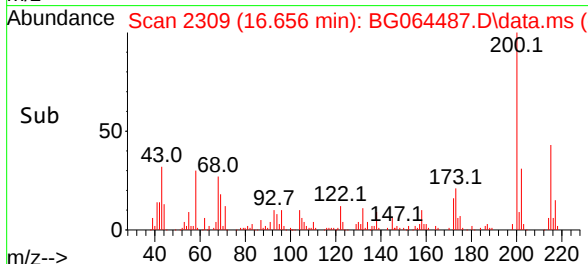
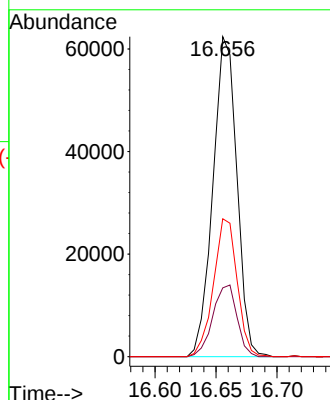
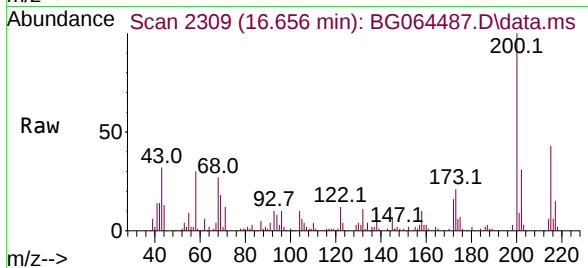
PB169969BS

Tgt Ion:200 Resp: 8524
 Ion Ratio Lower Upper
 200 100
 173 21.5 2.5 42.5
 215 43.1 21.5 61.5

Manual Integrations

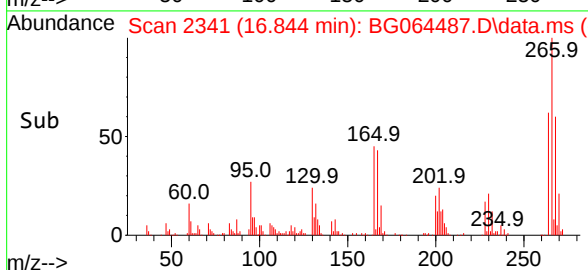
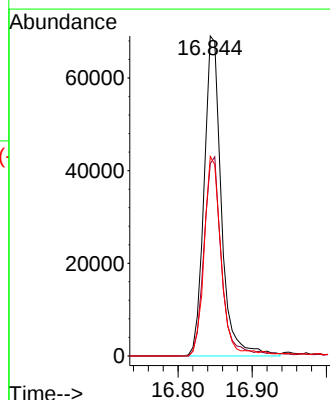
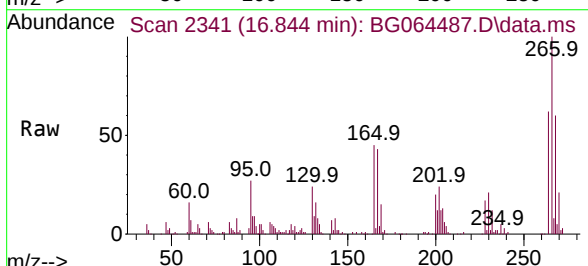
APPROVED

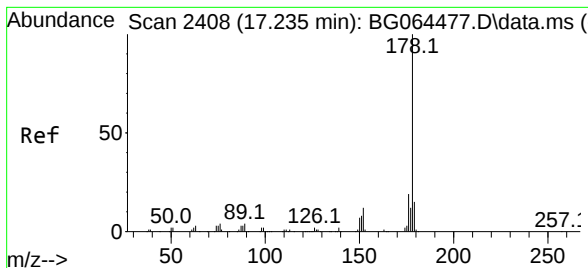
Reviewed By :Rahul Chavli 10/06/2025
 Supervised By :Jagrut Upadhyay 10/06/2025



#70
 Pentachlorophenol
 Concen: 103.242 ng
 RT: 16.844 min Scan# 2341
 Delta R.T. -0.002 min
 Lab File: BG064487.D
 Acq: 3 Oct 2025 14:54

Tgt Ion:266 Resp: 111612
 Ion Ratio Lower Upper
 266 100
 268 60.1 50.6 75.8
 264 62.3 51.2 76.8





#71

Phenanthrene

Concen: 48.946 ng

RT: 17.231 min Scan# 2407

Delta R.T. 0.004 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS

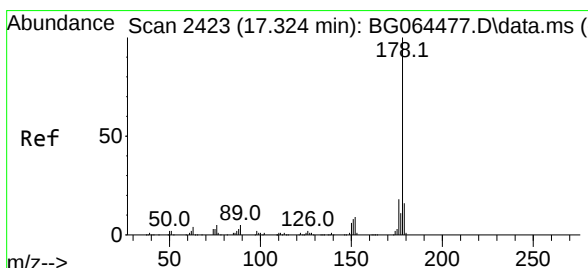
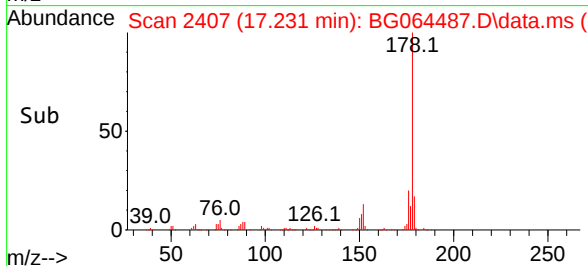
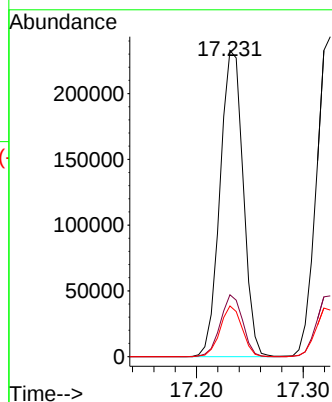
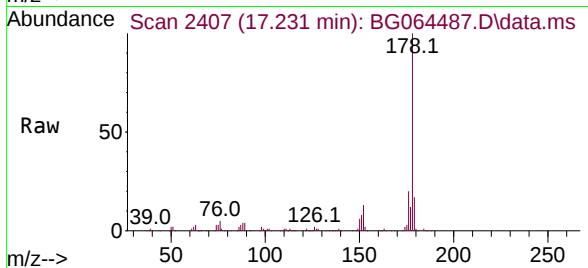
Tgt Ion:178 Resp: 351468
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.2 22.8
 179 16.6 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#72

Anthracene

Concen: 49.940 ng

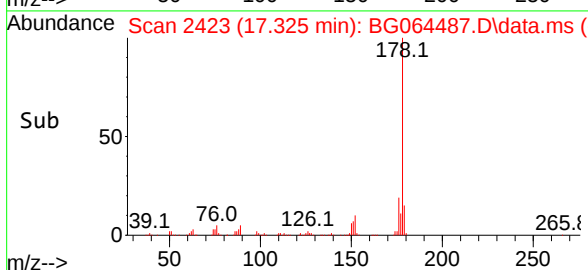
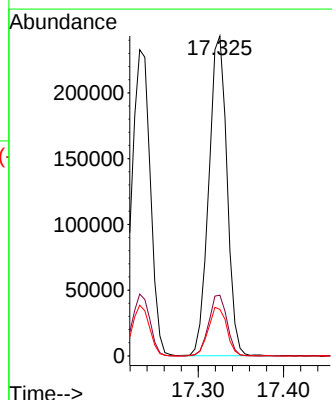
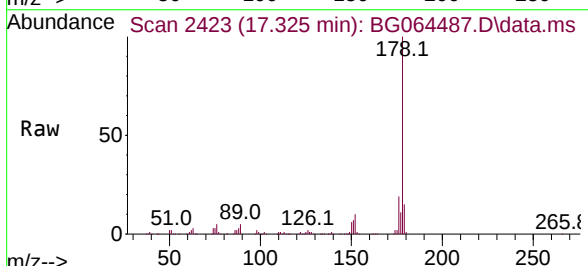
RT: 17.325 min Scan# 2423

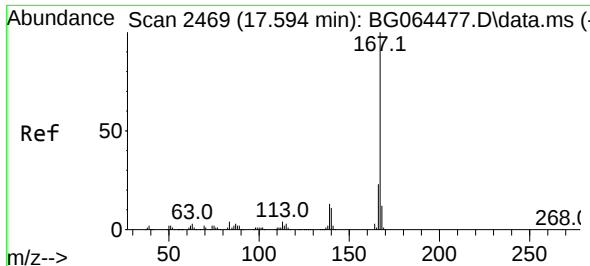
Delta R.T. 0.004 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

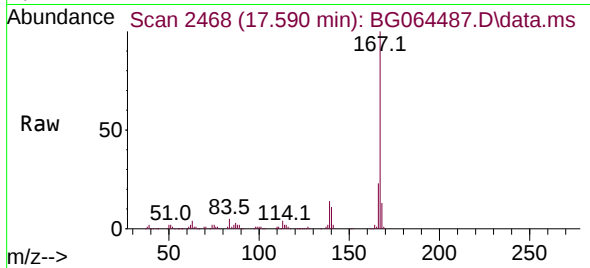
Tgt Ion:178 Resp: 359754
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.6 21.8
 179 14.5 12.5 18.7





#73
Carbazole
Concen: 51.173 ng
RT: 17.590 min Scan# 2469
Delta R.T. -0.002 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

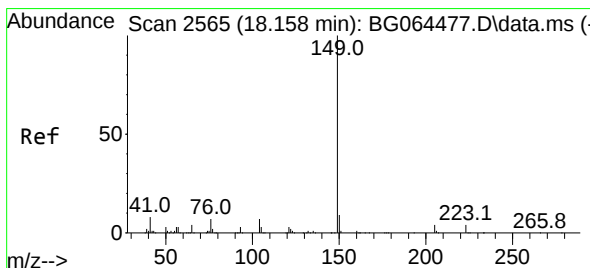
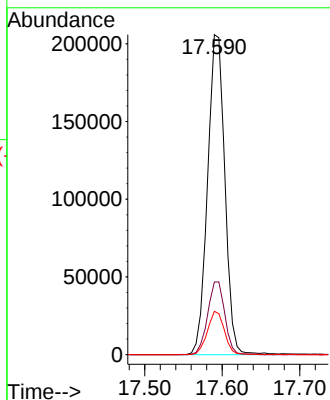
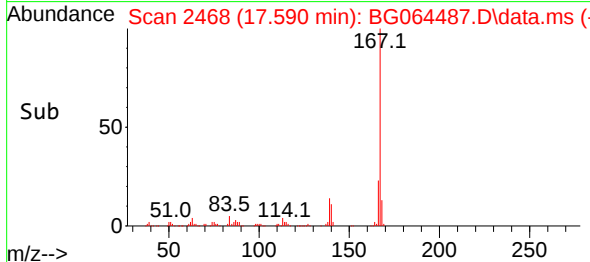
Instrument :
BNA_G
ClientSampleId :
PB169969BS



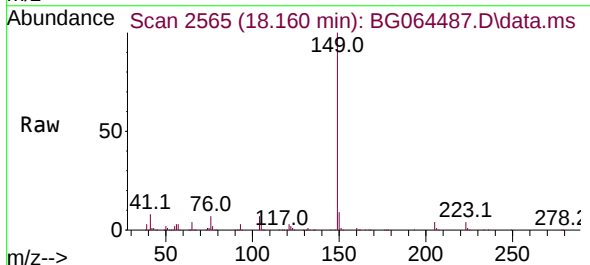
Tgt Ion:167 Resp: 318637
Ion Ratio Lower Upper
167 100
166 22.7 18.6 27.8
139 13.5 10.2 15.4

Manual Integrations
APPROVED

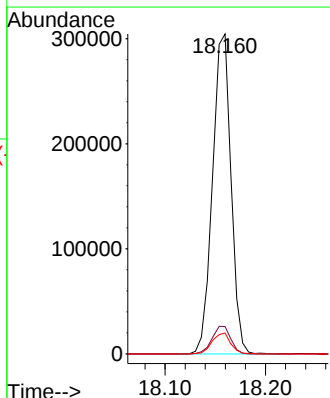
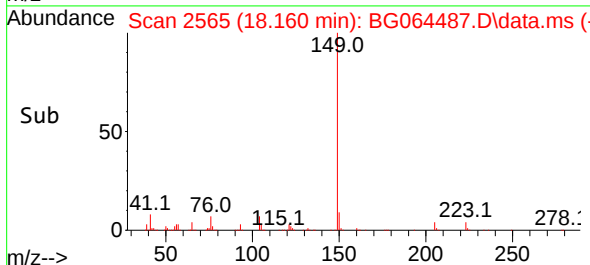
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

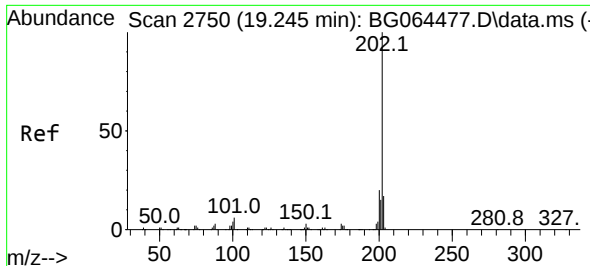


#74
Di-n-butylphthalate
Concen: 51.313 ng
RT: 18.160 min Scan# 2565
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



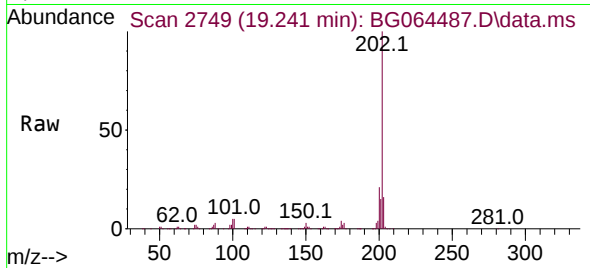
Tgt Ion:149 Resp: 390037
Ion Ratio Lower Upper
149 100
150 8.5 7.4 11.2
104 6.5 5.3 7.9





#75
Fluoranthene
Concen: 50.059 ng
RT: 19.241 min Scan# 2750
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

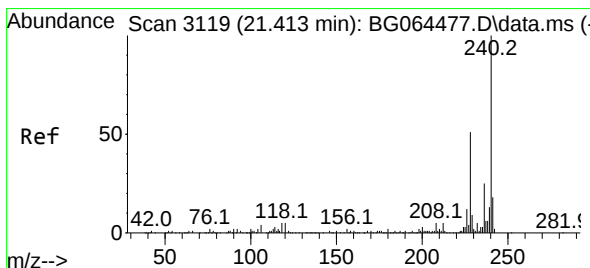
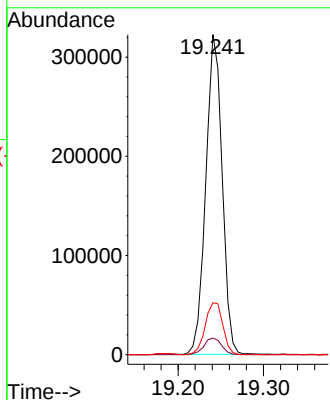
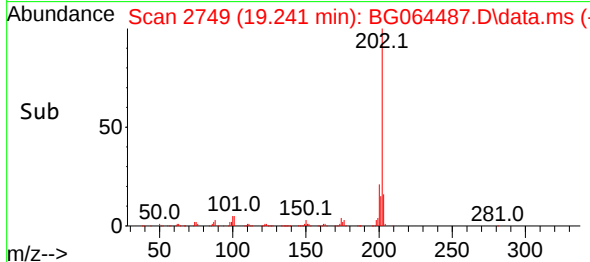
Instrument :
BNA_G
ClientSampleId :
PB169969BS



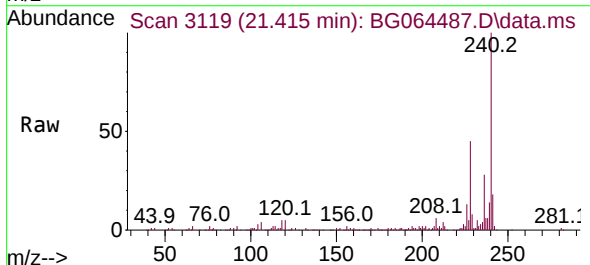
Tgt Ion:202 Resp: 429431
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.7
203 16.2 0.0 36.6

Manual Integrations
APPROVED

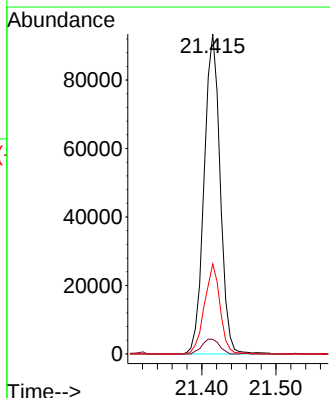
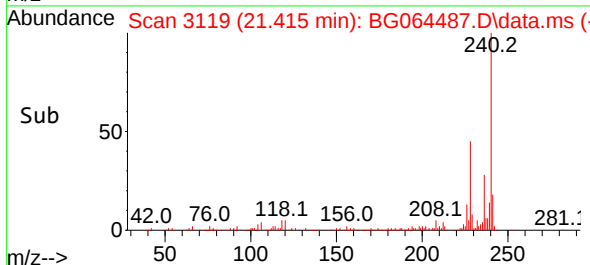
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

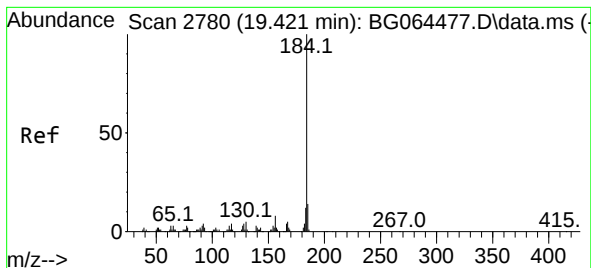


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



Tgt Ion:240 Resp: 140131
Ion Ratio Lower Upper
240 100
120 4.5 4.3 6.5
236 28.1 20.4 30.6





#77

Benzidine

Concen: 29.110 ng

RT: 19.423 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS

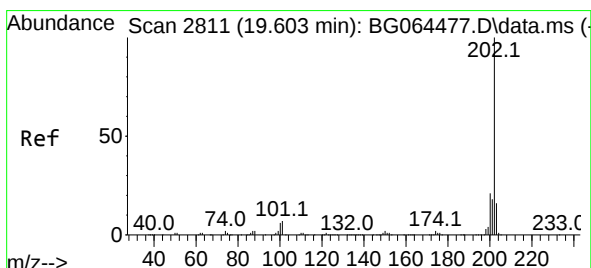
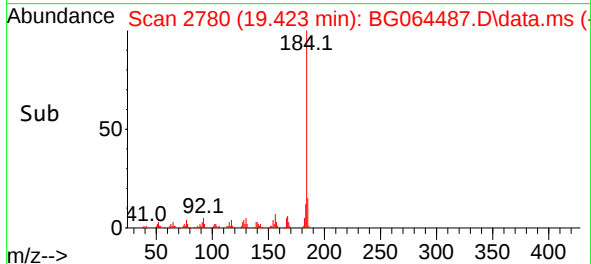
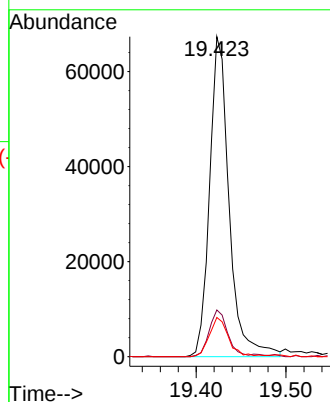
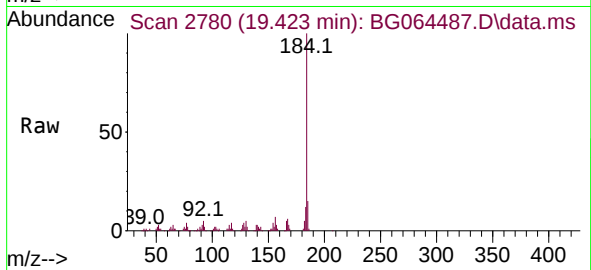
Tgt Ion:184	Resp: 10150
Ion Ratio	Lower Upper
184	100
185	14.6 10.9 16.3
183	12.2 9.8 14.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#78

Pyrene

Concen: 48.859 ng

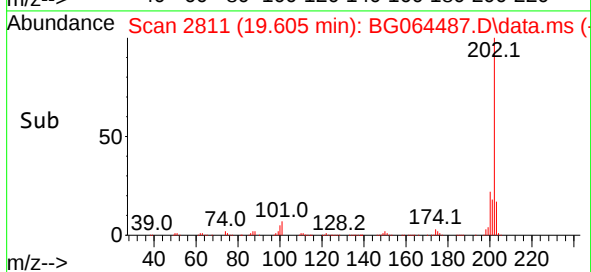
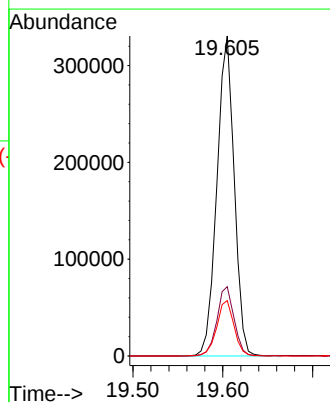
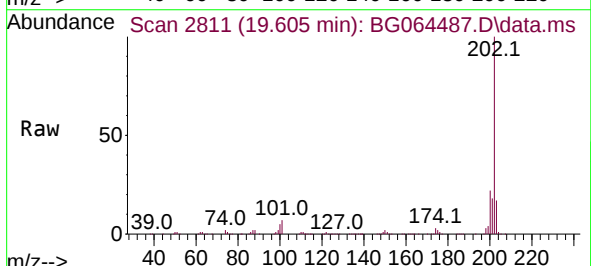
RT: 19.605 min Scan# 2811

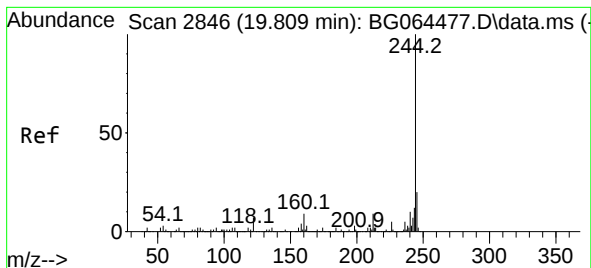
Delta R.T. 0.004 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

Tgt Ion:202	Resp: 444327
Ion Ratio	Lower Upper
202	100
200	21.6 17.0 25.4
203	17.3 13.0 19.4





#79

Terphenyl-d14

Concen: 94.606 ng

RT: 19.811 min Scan# 2846

Delta R.T. 0.004 min

Lab File: BG064487.D

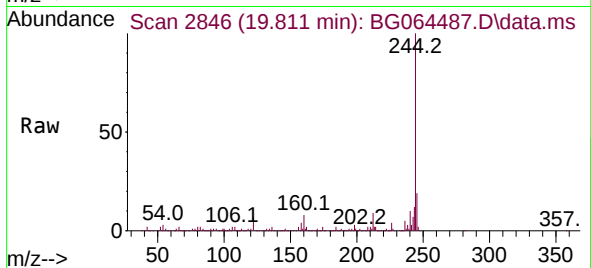
Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS



Tgt Ion:244 Resp: 700514

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

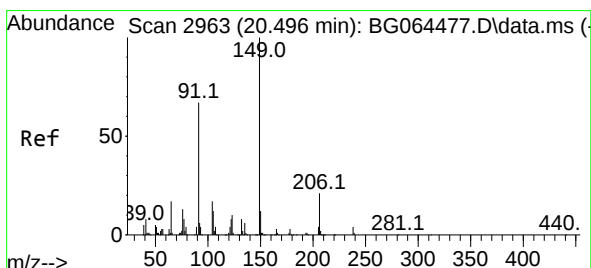
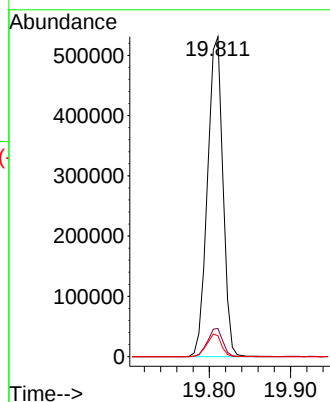
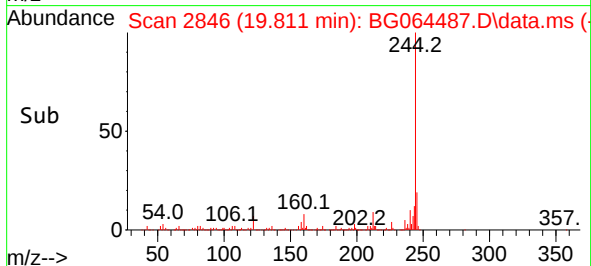
122 6.5 5.6 8.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#80

Butylbenzylphthalate

Concen: 50.887 ng

RT: 20.498 min Scan# 2963

Delta R.T. -0.002 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

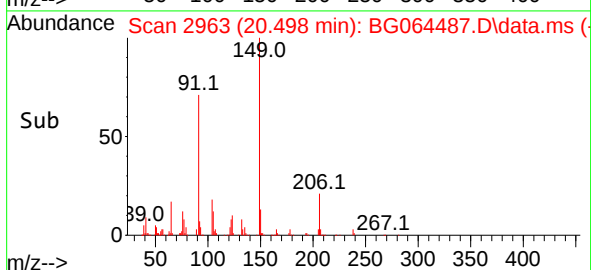
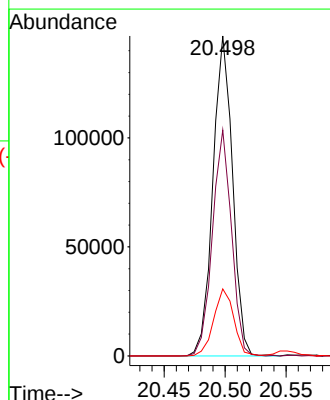
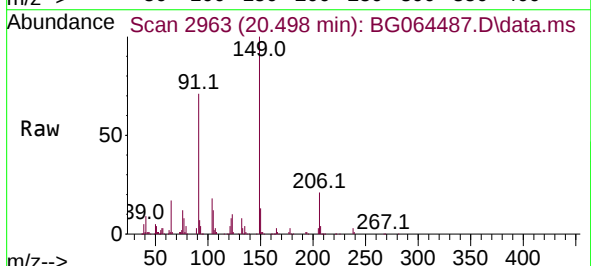
Tgt Ion:149 Resp: 164048

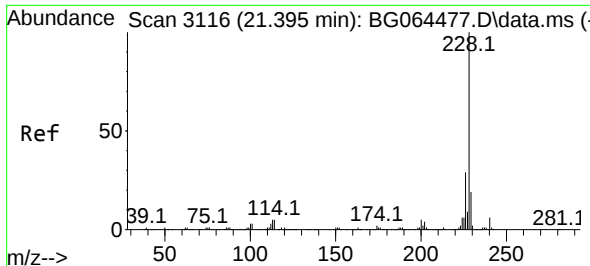
Ion Ratio Lower Upper

149 100

91 70.6 53.7 80.5

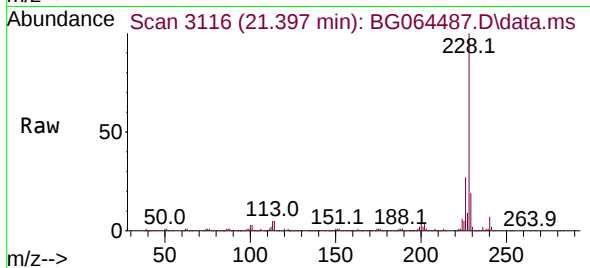
206 20.9 16.6 24.8





#81
Benzo(a)anthracene
Concen: 49.860 ng
RT: 21.397 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

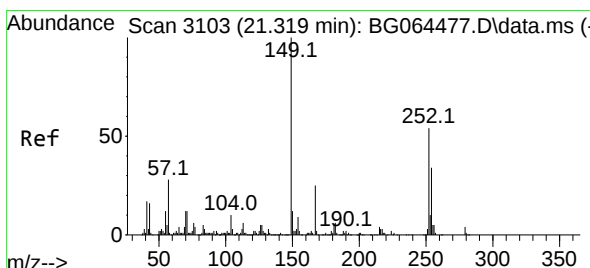
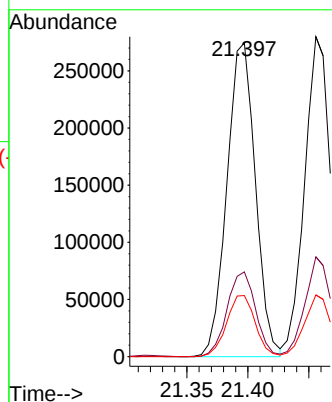
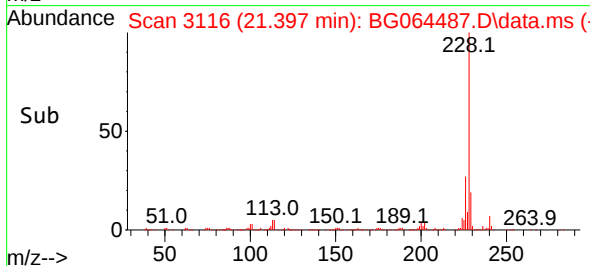
Instrument :
BNA_G
ClientSampleId :
PB169969BS



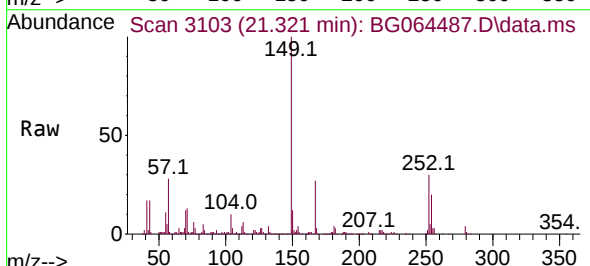
Tgt Ion:228 Resp: 446122
Ion Ratio Lower Upper
228 100
226 27.0 22.8 34.2
229 19.5 15.2 22.8

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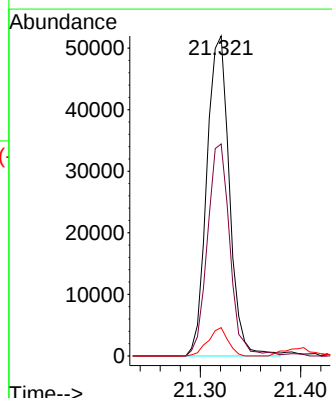
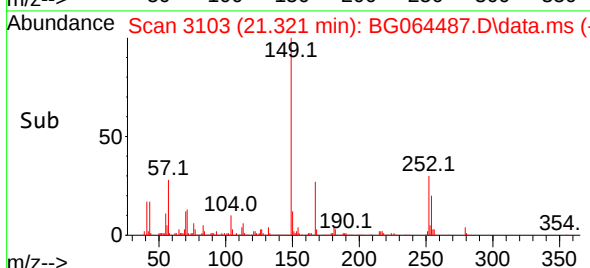
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

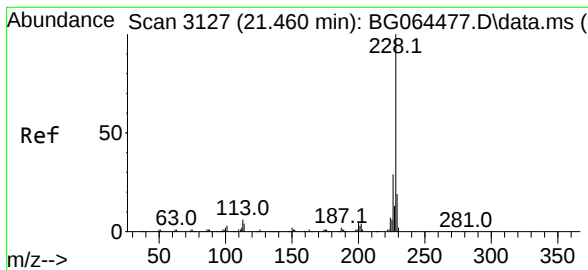


#82
3,3'-Dichlorobenzidine
Concen: 26.757 ng
RT: 21.321 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



Tgt Ion:252 Resp: 81030
Ion Ratio Lower Upper
252 100
254 66.2 50.5 75.7
126 8.8 7.1 10.7





#83

Chrysene

Concen: 49.144 ng

RT: 21.456 min Scan# 3126

Delta R.T. 0.004 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS

Tgt Ion:228 Resp: 41700

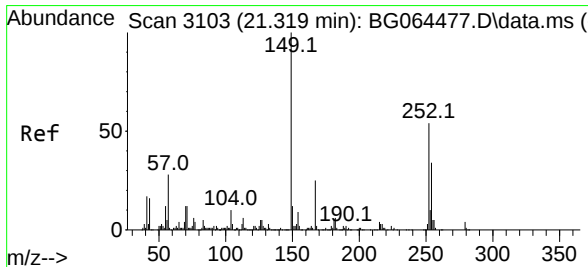
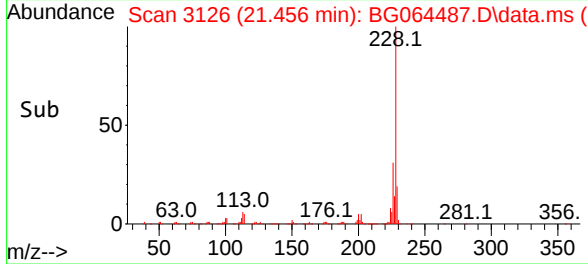
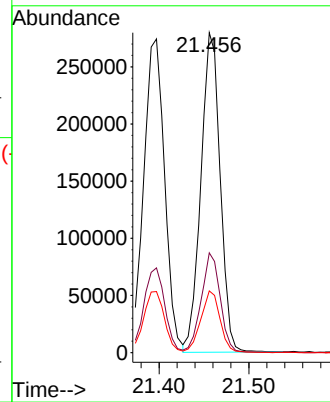
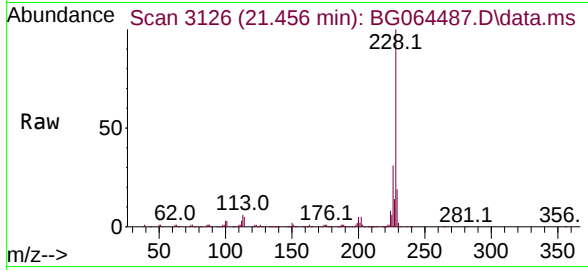
Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.8	34.2
229	19.3	15.4	23.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.239 ng

RT: 21.321 min Scan# 3103

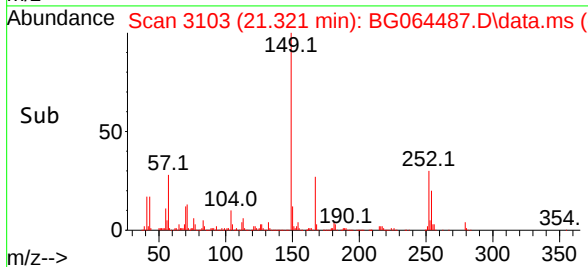
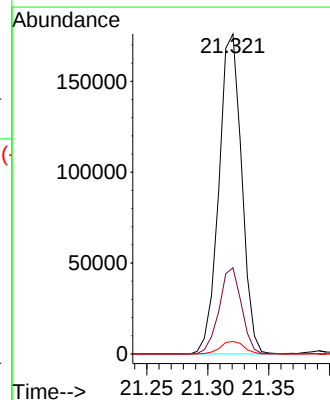
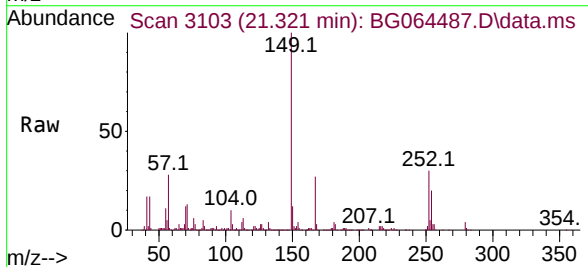
Delta R.T. 0.004 min

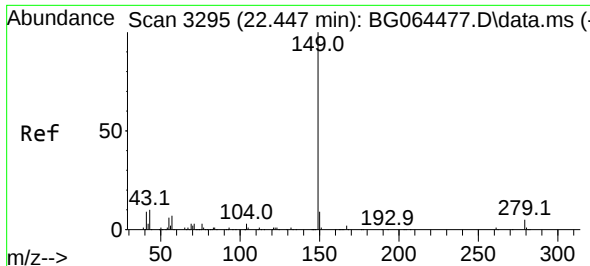
Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

Tgt Ion:149 Resp: 228514

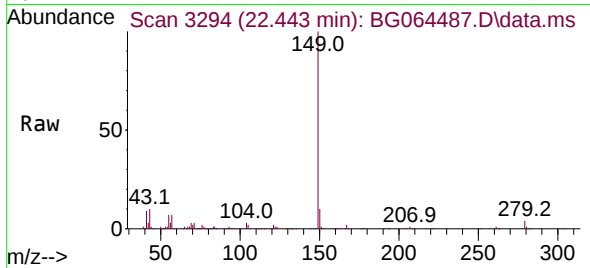
Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.7	29.5
279	3.9	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 49.649 ng
RT: 22.443 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

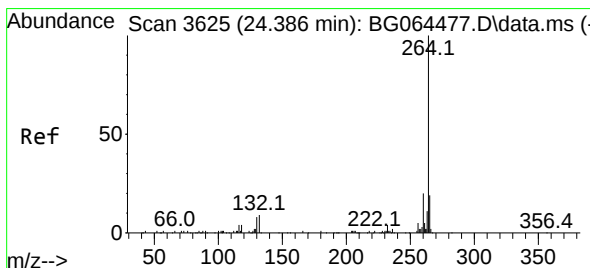
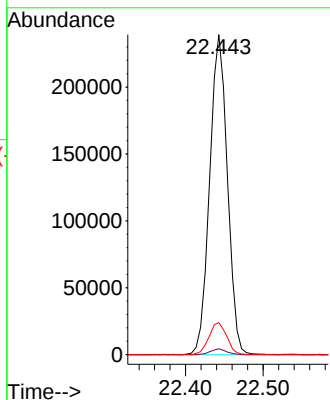
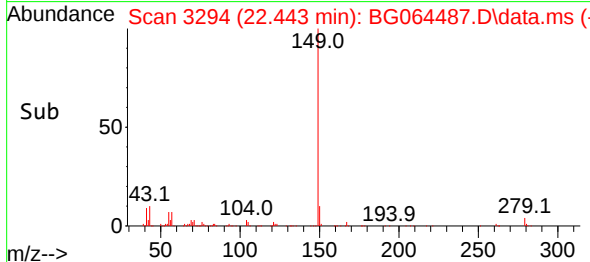
Instrument :
BNA_G
ClientSampleId :
PB169969BS



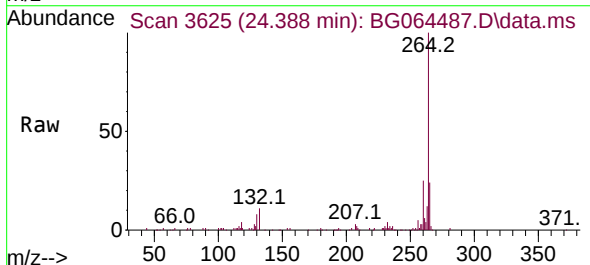
Tgt Ion:149 Resp: 37954
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 7.9 11.9

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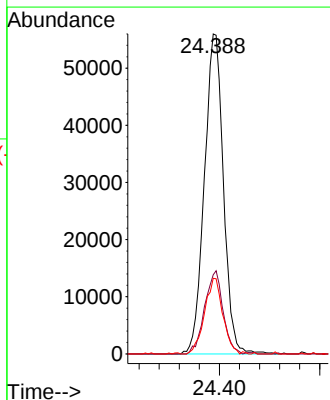
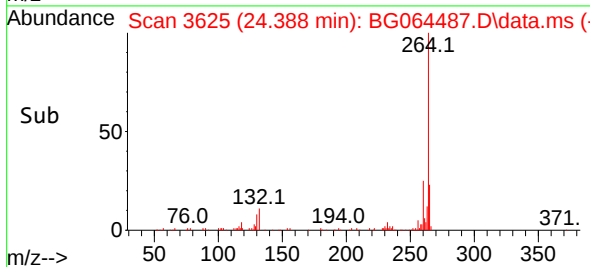
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

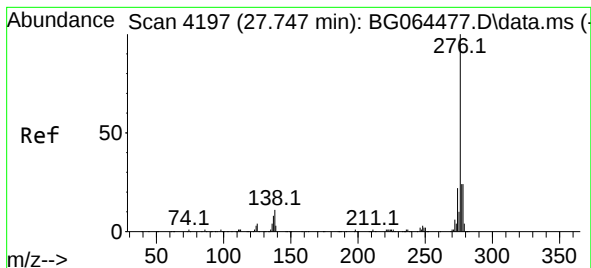


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.388 min Scan# 3625
Delta R.T. -0.002 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54



Tgt Ion:264 Resp: 147450
Ion Ratio Lower Upper
264 100
260 24.8 16.2 24.4#
265 23.7 15.0 22.4#





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.899 ng

RT: 27.737 min Scan# 4197

Delta R.T. 0.004 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

Instrument :

BNA_G

ClientSampleId :

PB169969BS

Tgt Ion:276 Resp: 532662

Ion Ratio Lower Upper

276 100

138 13.6 10.8 16.2

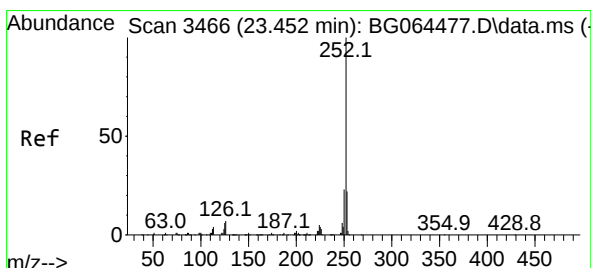
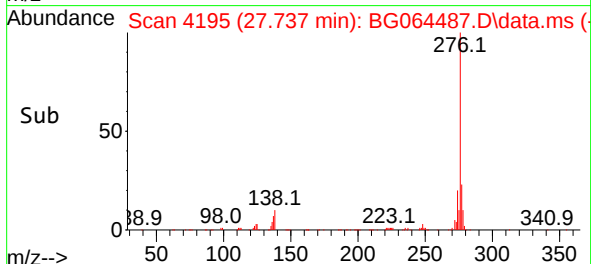
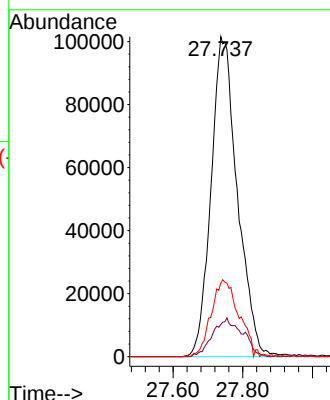
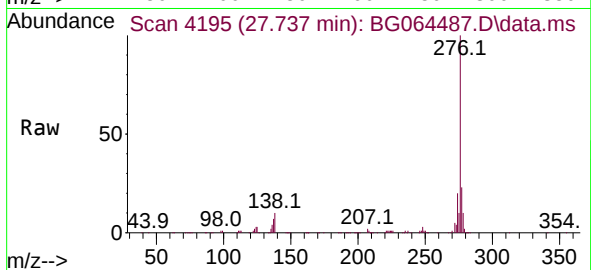
277 25.3 20.3 30.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/06/2025

Supervised By :Jagrut Upadhyay 10/06/2025



#88

Benzo(b)fluoranthene

Concen: 51.508 ng

RT: 23.453 min Scan# 3466

Delta R.T. 0.004 min

Lab File: BG064487.D

Acq: 3 Oct 2025 14:54

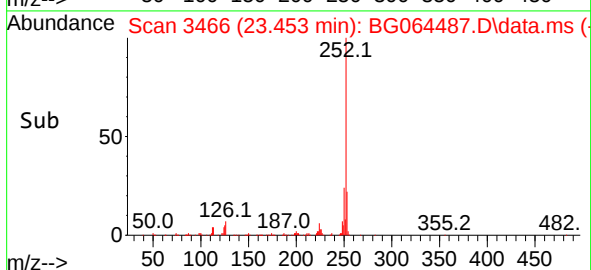
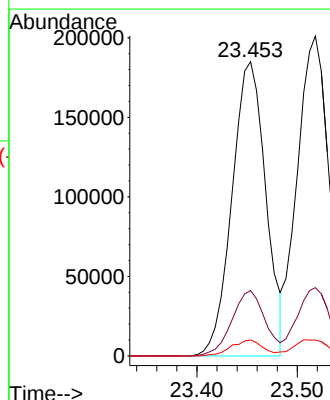
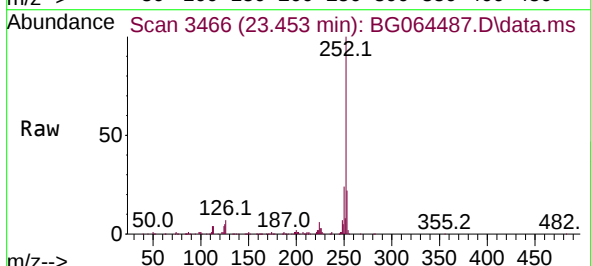
Tgt Ion:252 Resp: 432072

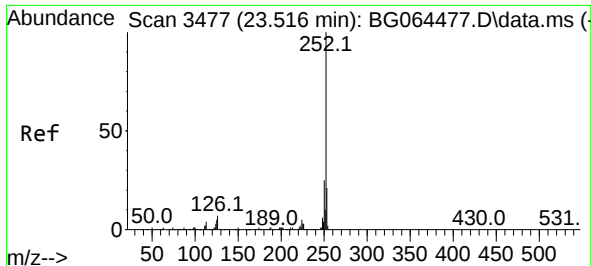
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

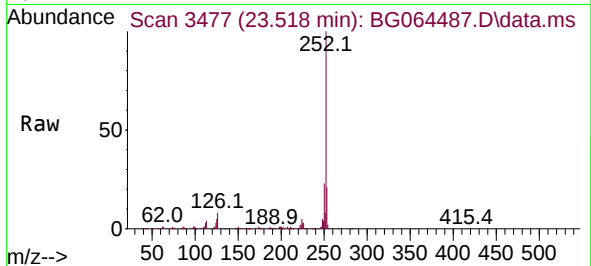
125 5.4 4.5 6.7





#89
Benzo(k)fluoranthene
Concen: 52.269 ng
RT: 23.518 min Scan# 3477
Delta R.T. 0.010 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

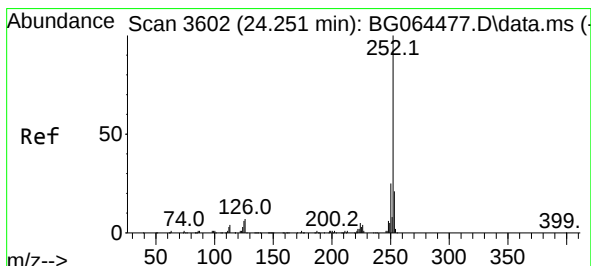
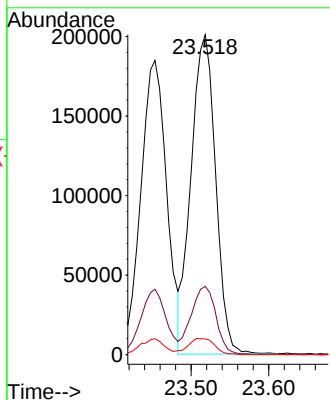
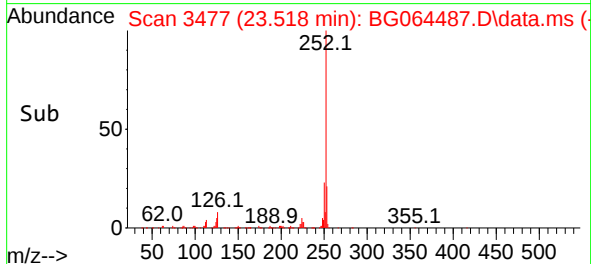
Instrument :
BNA_G
ClientSampleId :
PB169969BS



Tgt Ion:252 Resp: 441593
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 4.9 4.0 6.0

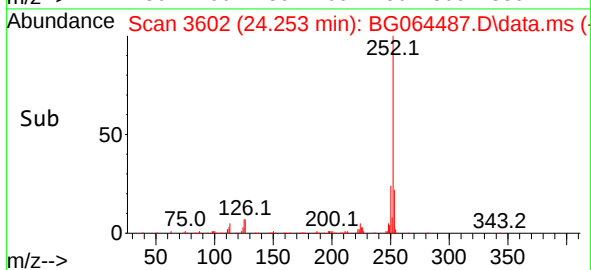
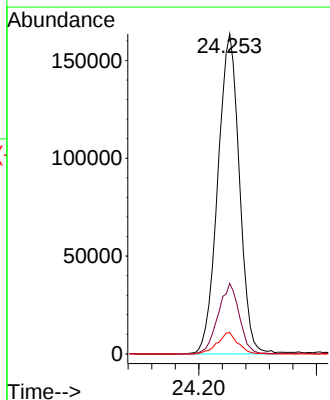
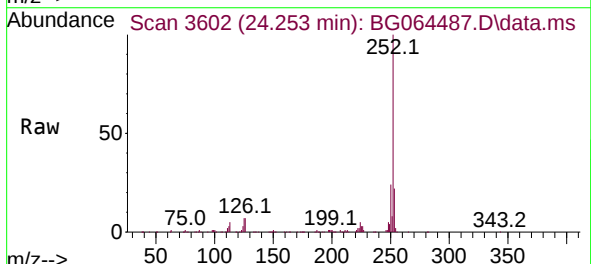
Manual Integrations
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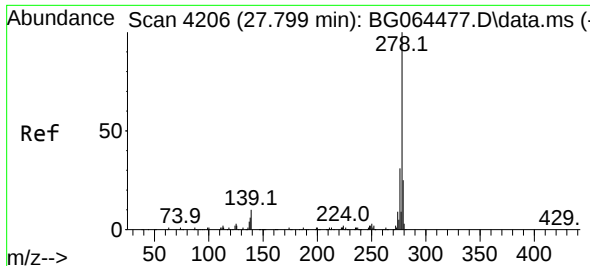
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#90
Benzo(a)pyrene
Concen: 53.938 ng
RT: 24.253 min Scan# 3602
Delta R.T. 0.004 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

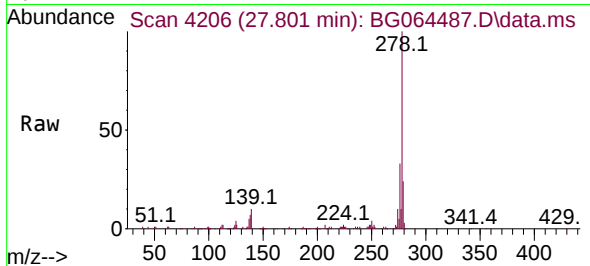
Tgt Ion:252 Resp: 416998
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.7 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 52.477 ng
RT: 27.801 min Scan# 4374
Delta R.T. 0.022 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

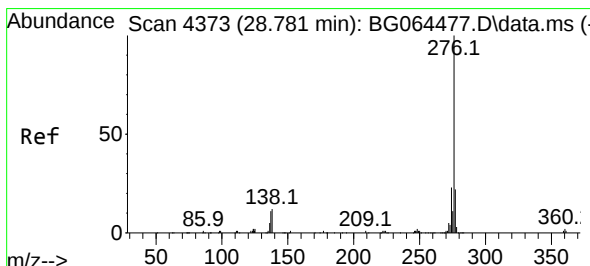
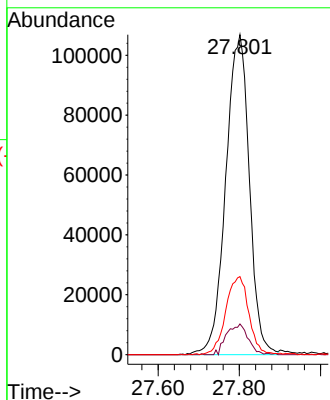
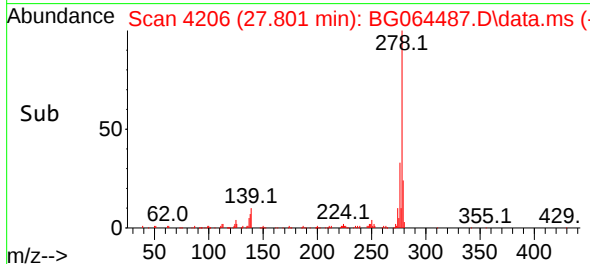
Instrument :
BNA_G
ClientSampleId :
PB169969BS



Tgt Ion:278 Resp: 430720
Ion Ratio Lower Upper
278 100
139 9.6 8.2 12.2
279 24.4 19.6 29.4

Manual Integrations
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Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



#92
Benzo(g,h,i)perylene
Concen: 53.171 ng
RT: 28.788 min Scan# 4374
Delta R.T. 0.022 min
Lab File: BG064487.D
Acq: 3 Oct 2025 14:54

Tgt Ion:276 Resp: 424104
Ion Ratio Lower Upper
276 100
277 24.3 17.8 26.6
138 10.9 9.4 14.0

