

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
 Data File : BG064534.D
 Acq On : 17 Oct 2025 13:43
 Operator : RC/JU
 Sample : PB170144BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170144BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

Quant Time: Oct 17 14:19:04 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	7.818	152	13548	20.000	ng	0.00
21) Naphthalene-d8	10.603	136	60553	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	47398	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	115978	20.000	ng	0.00
76) Chrysene-d12	21.414	240	125702	20.000	ng	0.00
86) Perylene-d12	24.392	264	135853	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	103602	141.522	ng	0.00
7) Phenol-d6	7.001	99	138737	141.027	ng	0.01
23) Nitrobenzene-d5	8.975	82	94832	84.209	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	114577	133.360	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	267937	83.324	ng	0.00
79) Terphenyl-d14	19.810	244	565751	85.176	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	9344	32.270	ng	95
3) Pyridine	3.705	79	24560	31.560	ng	97
4) n-Nitrosodimethylamine	3.623	42	24835	44.022	ng	97
6) Aniline	7.148	93	44214	35.630	ng	99
8) 2-Chlorophenol	7.389	128	43477	48.365	ng	96
9) Benzaldehyde	6.960	77	18692	21.405	ng	99
10) Phenol	7.025	94	51729	49.846	ng	94
11) bis(2-Chloroethyl)ether	7.242	93	29852	42.476	ng	95
12) 1,3-Dichlorobenzene	7.706	146	44092	44.838	ng	94
13) 1,4-Dichlorobenzene	7.853	146	46884	47.505	ng	98
14) 1,2-Dichlorobenzene	8.164	146	44938	46.200	ng	98
15) Benzyl Alcohol	8.059	79	43931	48.490	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.341	45	45805	40.433	ng	98
17) 2-Methylphenol	8.264	107	36599	48.703	ng	98
18) Hexachloroethane	8.893	117	17058	43.788	ng	# 83
19) n-Nitroso-di-n-propyla...	8.623	70	30636	46.565	ng	99
20) 3+4-Methylphenols	8.593	107	50826	48.467	ng	95
22) Acetophenone	8.634	105	72002	49.110	ng	95
24) Nitrobenzene	9.010	77	49030	43.659	ng	95
25) Isophorone	9.539	82	84589	41.463	ng	# 97
26) 2-Nitrophenol	9.721	139	24998	44.725	ng	91
27) 2,4-Dimethylphenol	9.786	122	44134	51.699	ng	95
28) bis(2-Chloroethoxy)met...	10.015	93	46826	45.028	ng	94
29) 2,4-Dichlorophenol	10.262	162	46077	46.675	ng	98
30) 1,2,4-Trichlorobenzene	10.468	180	51994	48.305	ng	98
31) Naphthalene	10.656	128	137476	44.089	ng	99
32) Benzoic acid	9.962	122	32278	49.247	ng	96
33) 4-Chloroaniline	10.767	127	31783	26.562	ng	96
34) Hexachlorobutadiene	10.943	225	41295	44.797	ng	95
35) Caprolactam	11.543	113	14864m	43.983	ng	
36) 4-Chloro-3-methylphenol	11.901	107	55528	46.254	ng	98
37) 2-Methylnaphthalene	12.265	142	96169	40.178	ng	98
38) 1-Methylnaphthalene	12.489	142	99556m	41.713	ng	
40) 1,2,4,5-Tetrachloroben...	12.636	216	73405	47.965	ng	97
41) Hexachlorocyclopentadiene	12.618	237	105773	132.127	ng	100
43) 2,4,6-Trichlorophenol	12.877	196	44895	45.890	ng	96

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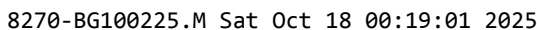
Quant Time: Oct 17 14:19:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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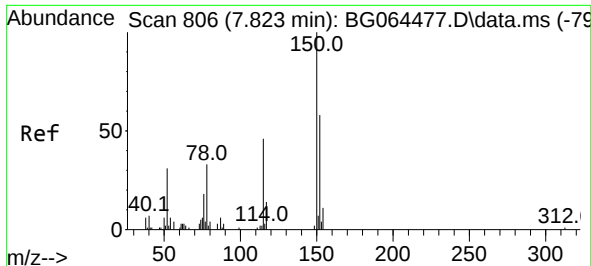
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.959	196	51283	46.953	ng	93
46) 1,1'-Biphenyl	13.282	154	167348	49.090	ng	97
47) 2-Chloronaphthalene	13.323	162	110725	43.503	ng	98
48) 2-Nitroaniline	13.529	65	38787	44.650	ng	94
49) Acenaphthylene	14.169	152	194958	51.599	ng	99
50) Dimethylphthalate	13.911	163	159924	43.080	ng	97
51) 2,6-Dinitrotoluene	14.022	165	35896	46.419	ng	89
52) Acenaphthene	14.510	154	111143	42.340	ng	99
53) 3-Nitroaniline	14.357	138	22218	31.154	ng	97
54) 2,4-Dinitrophenol	14.569	184	47351	84.445	ng	# 82
55) Dibenzofuran	14.845	168	195550	45.118	ng	99
56) 4-Nitrophenol	14.680	139	50291	89.566	ng	# 82
57) 2,4-Dinitrotoluene	14.815	165	53188	44.993	ng	# 91
58) Fluorene	15.497	166	160529	44.551	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.080	232	53902m	48.357	ng	
60) Diethylphthalate	15.274	149	173957	43.682	ng	98
61) 4-Chlorophenyl-phenyle...	15.491	204	86907	44.179	ng	94
62) 4-Nitroaniline	15.520	138	35941	48.352	ng	85
63) Azobenzene	15.785	77	137914	44.717	ng	97
65) 4,6-Dinitro-2-methylph...	15.579	198	38521	47.703	ng	96
66) n-Nitrosodiphenylamine	15.708	169	144777	46.746	ng	96
67) 4-Bromophenyl-phenylether	16.384	248	62103	45.504	ng	90
68) Hexachlorobenzene	16.496	284	73779	47.242	ng	97
69) Atrazine	16.660	200	65947	47.860	ng	99
70) Pentachlorophenol	16.848	266	90184	98.765	ng	97
71) Phenanthrene	17.230	178	276547	45.596	ng	98
72) Anthracene	17.318	178	285078	46.852	ng	99
73) Carbazole	17.595	167	246218	46.815	ng	97
74) Di-n-butylphthalate	18.153	149	297960	46.409	ng	99
75) Fluoranthene	19.240	202	342100	47.214	ng	99
77) Benzidine	19.428	184	95783	30.622	ng	97
78) Pyrene	19.604	202	347286	42.572	ng	96
80) Butylbenzylphthalate	20.497	149	129152	44.661	ng	99
81) Benzo(a)anthracene	21.396	228	362947	45.221	ng	97
82) 3,3'-Dichlorobenzidine	21.320	252	84466	31.093	ng	# 98
83) Chrysene	21.461	228	342262	44.965	ng	98
84) Bis(2-ethylhexyl)phtha...	21.320	149	187922	46.057	ng	94
85) Di-n-octyl phthalate	22.442	149	318467	46.441	ng	99
87) Indeno(1,2,3-cd)pyrene	27.759	276	445204	47.081	ng	# 95
88) Benzo(b)fluoranthene	23.458	252	364867	47.209	ng	98
89) Benzo(k)fluoranthene	23.517	252	367590	47.224	ng	98
90) Benzo(a)pyrene	24.263	252	347442	48.777	ng	98
91) Dibenzo(a,h)anthracene	27.806	278	361572	47.813	ng	# 97
92) Benzo(g,h,i)perylene	28.811	276	357922	48.704	ng	97

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

Manual Integrations

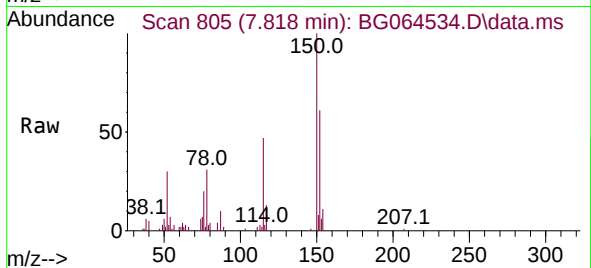
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.818 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43

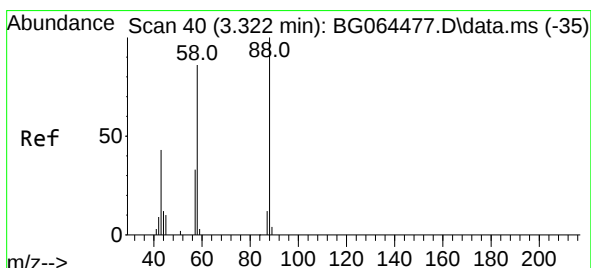
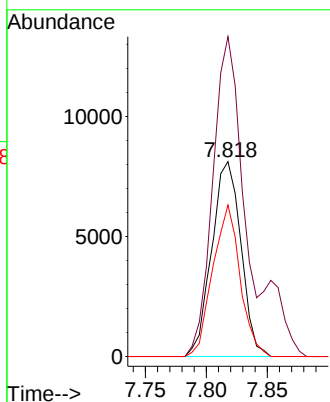
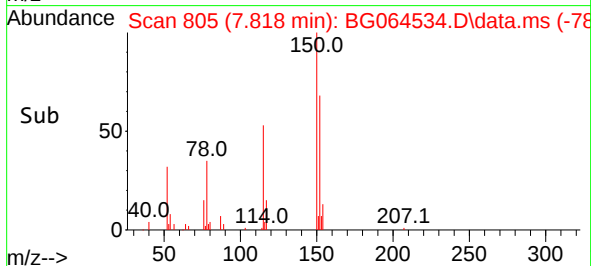
Instrument :
 BNA_G
 ClientSampleId :
 PB170144BS



Tgt Ion:152 Resp: 13548
 Ion Ratio Lower Upper
 152 100
 150 164.2 138.6 207.8
 115 77.8 63.4 95.2

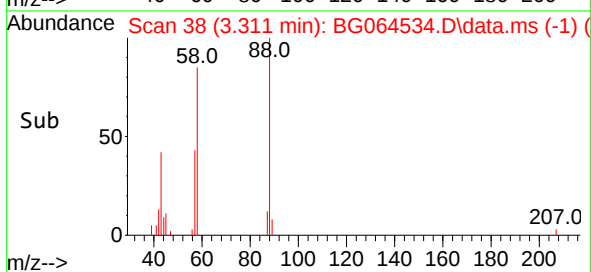
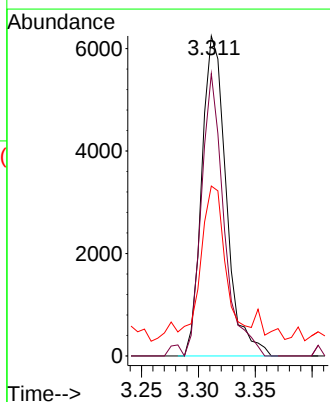
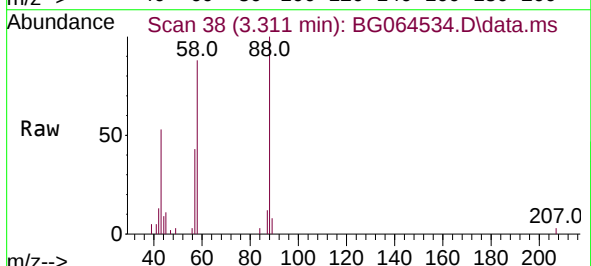
Manual Integrations
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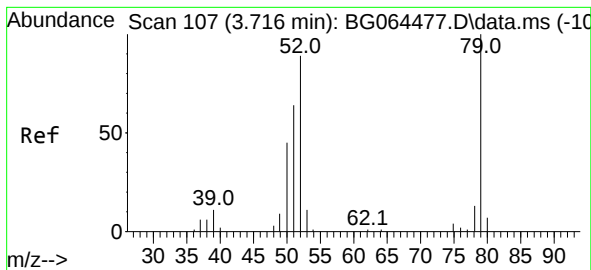
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#2
 1,4-Dioxane
 Concen: 32.270 ng
 RT: 3.311 min Scan# 38
 Delta R.T. -0.009 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43

Tgt Ion: 88 Resp: 9344
 Ion Ratio Lower Upper
 88 100
 58 82.7 69.8 104.6
 43 42.6 37.4 56.0





#3

Pyridine

Concen: 31.560 ng

RT: 3.705 min Scan# 10

Delta R.T. -0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

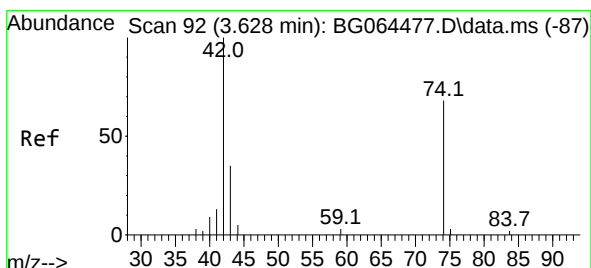
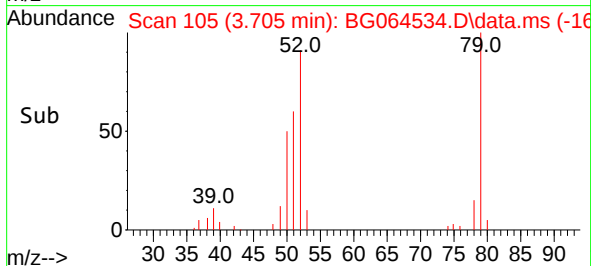
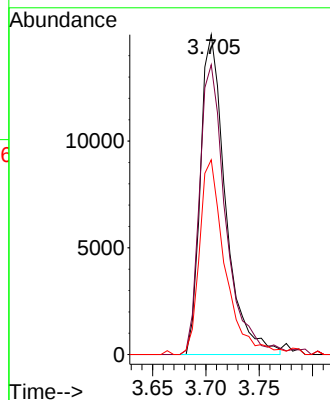
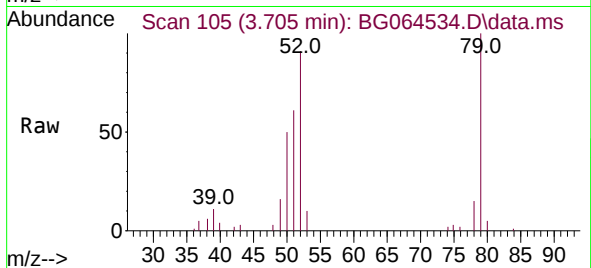
Tgt Ion: 79	Resp: 24560
Ion Ratio	Lower Upper
79 100	
52 90.6	71.0 106.4
51 60.9	51.0 76.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/20/2025



#4

n-Nitrosodimethylamine

Concen: 44.022 ng

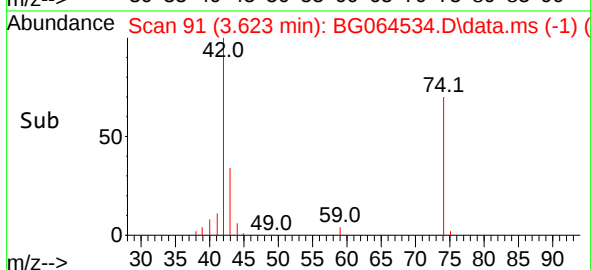
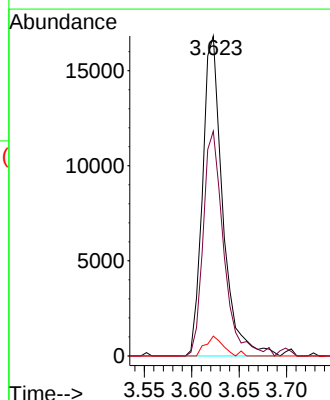
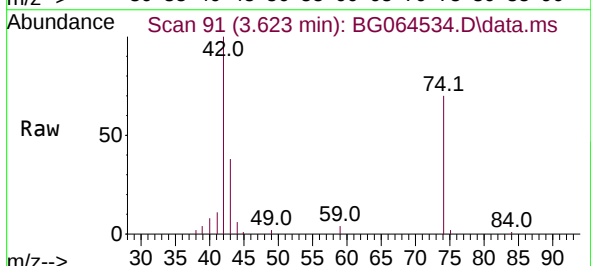
RT: 3.623 min Scan# 91

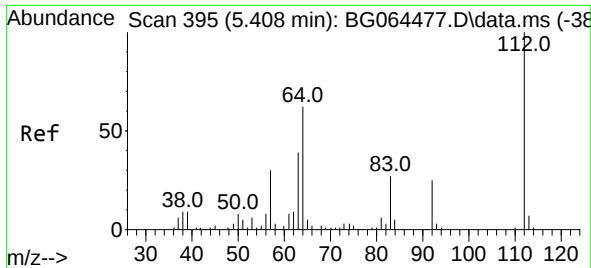
Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Tgt Ion: 42	Resp: 24835
Ion Ratio	Lower Upper
42 100	
74 70.2	54.2 81.4
44 6.2	4.2 6.2





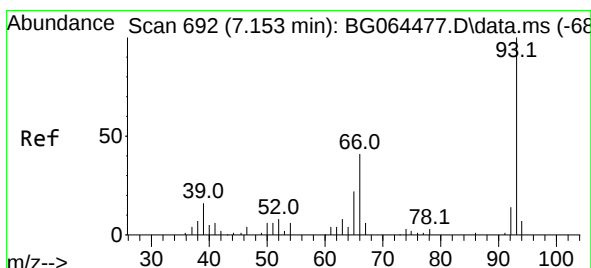
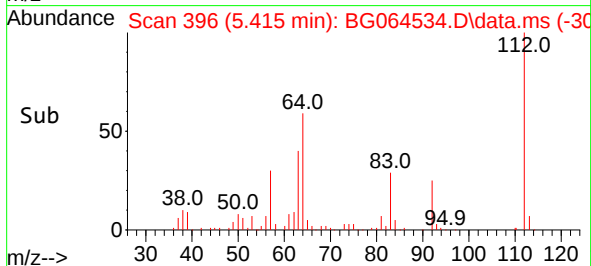
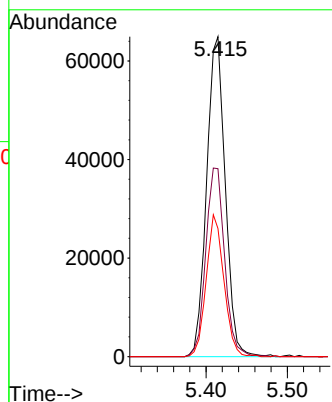
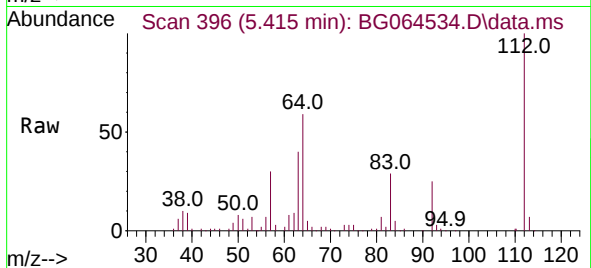
#5
2-Fluorophenol
Concen: 141.522 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 103602
Ion Ratio Lower Upper
112 100
64 58.7 49.8 74.8
63 40.0 31.3 46.9

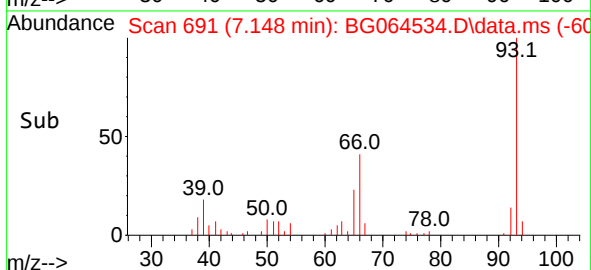
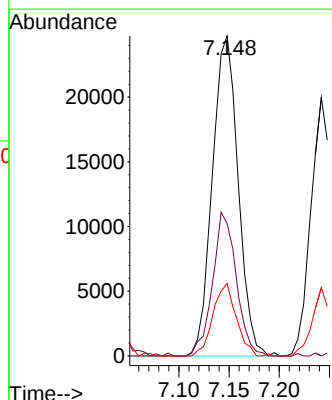
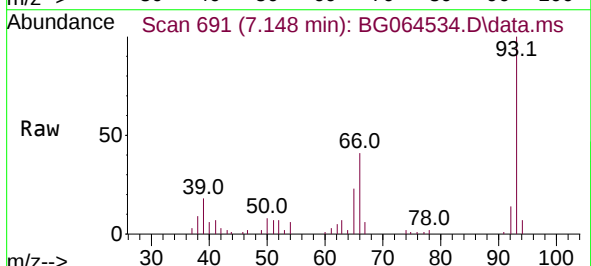
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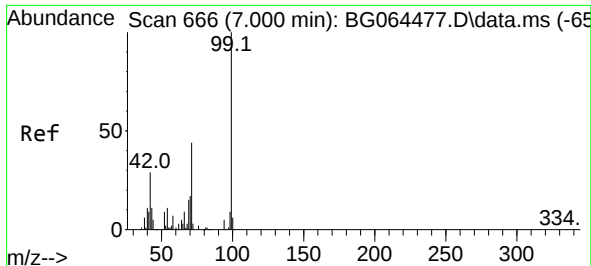
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#6
Aniline
Concen: 35.630 ng
RT: 7.148 min Scan# 691
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

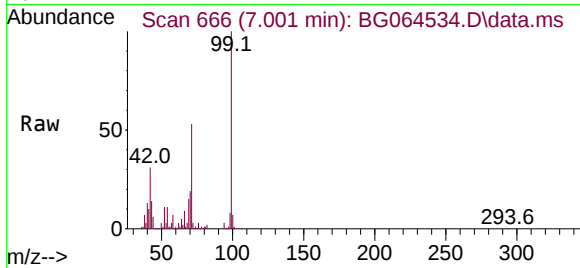
Tgt Ion: 93 Resp: 44214
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.4
65 22.6 17.5 26.3





#7
Phenol-d6
Concen: 141.027 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.015 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

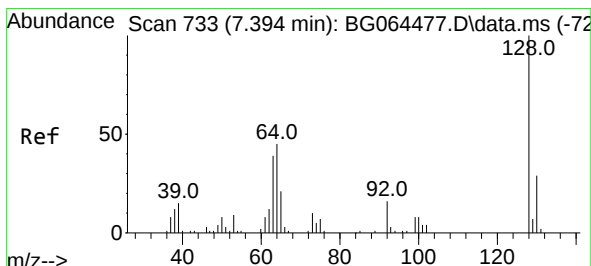
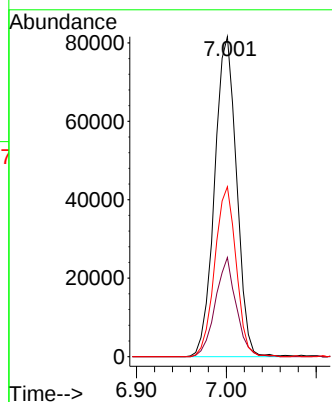
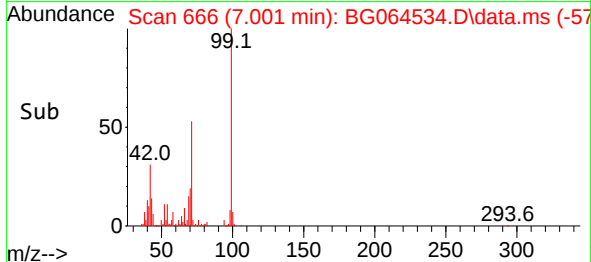
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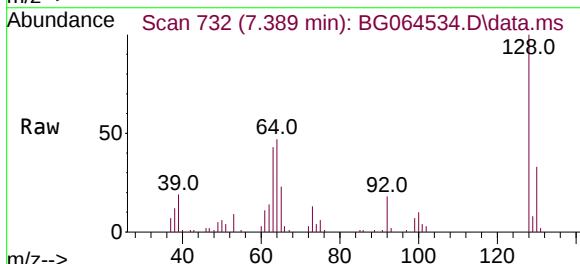
Tgt Ion: 99 Resp: 13873
Ion Ratio Lower Upper
99 100
42 31.0 22.9 34.3
71 53.1 35.4 53.2

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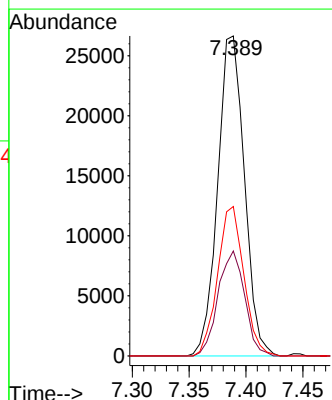
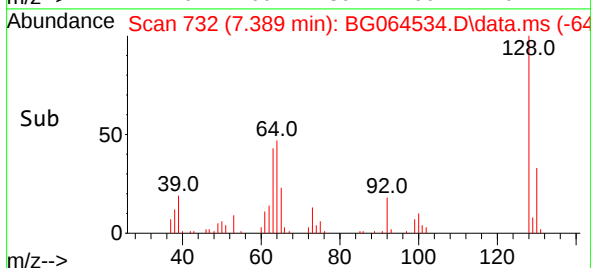
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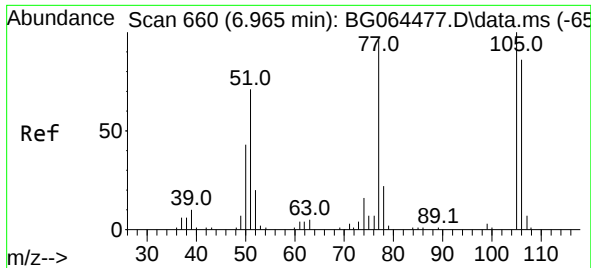


#8
2-Chlorophenol
Concen: 48.365 ng
RT: 7.389 min Scan# 732
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



Tgt Ion:128 Resp: 43477
Ion Ratio Lower Upper
128 100
130 32.8 9.2 49.2
64 46.7 25.5 65.5





#9
Benzaldehyde
Concen: 21.405 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

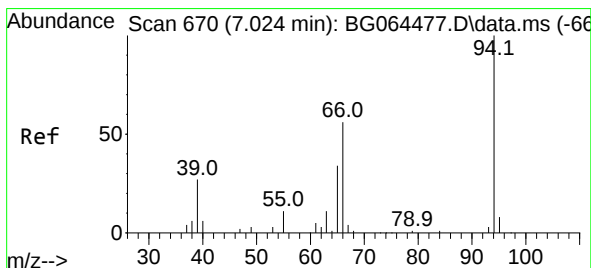
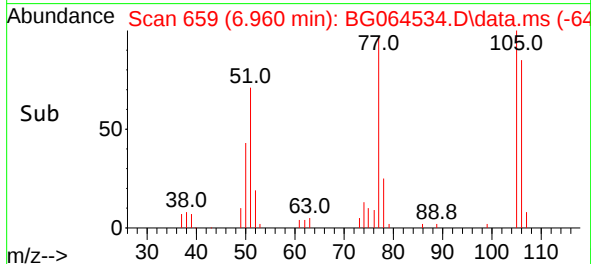
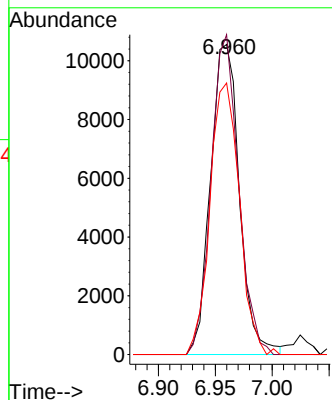
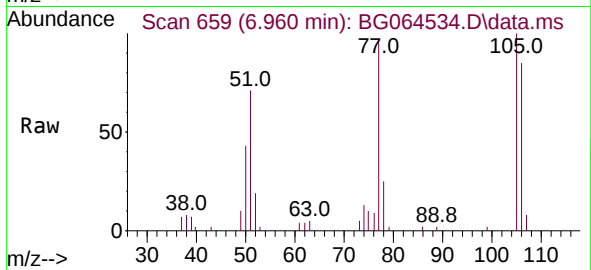
PB170144BS

Tgt Ion: 77 Resp: 18692
Ion Ratio Lower Upper
77 100
105 103.2 83.7 123.7
106 87.6 69.4 109.4

Manual Integrations

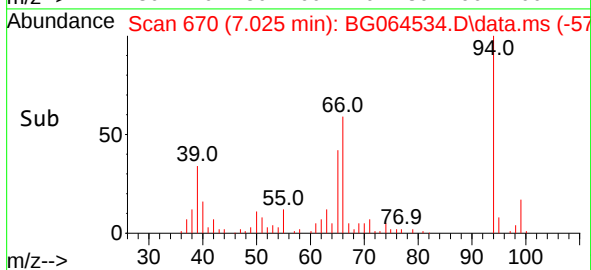
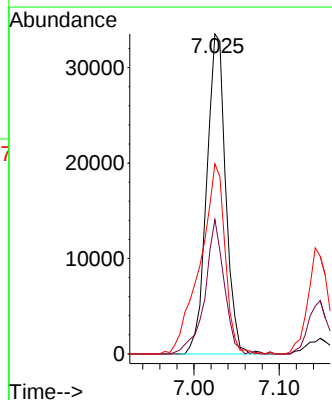
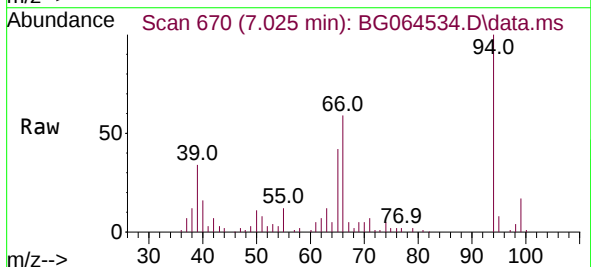
APPROVED

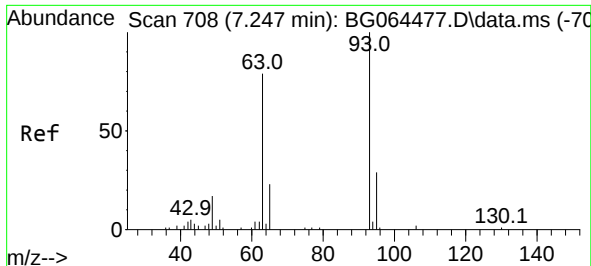
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#10
Phenol
Concen: 49.846 ng
RT: 7.025 min Scan# 670
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 94 Resp: 51729
Ion Ratio Lower Upper
94 100
65 42.0 14.8 54.8
66 59.4 41.4 81.4





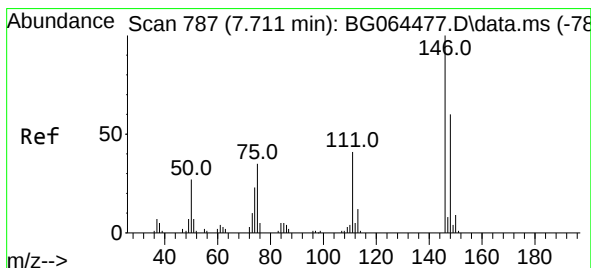
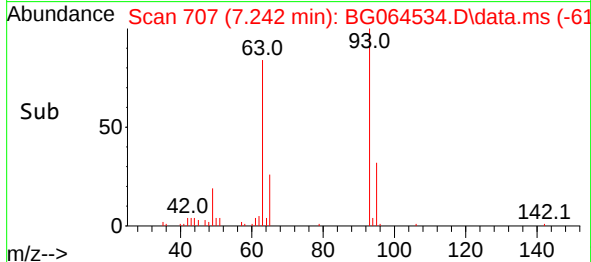
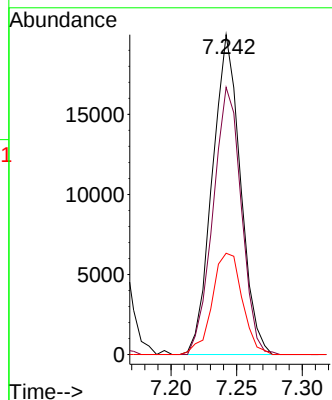
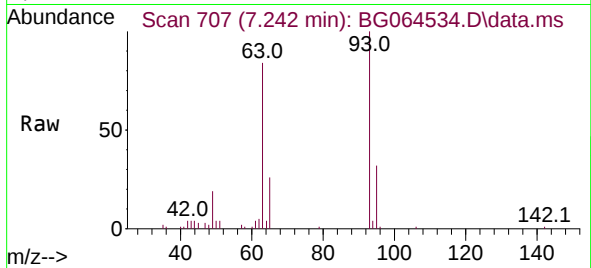
#11
bis(2-Chloroethyl)ether
Concen: 42.476 ng
RT: 7.242 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :
BNA_G
ClientSampleId :
PB170144BS

Tgt Ion: 93 Resp: 29852
Ion Ratio Lower Upper
93 100
63 83.5 59.5 99.5
95 31.7 8.8 48.8

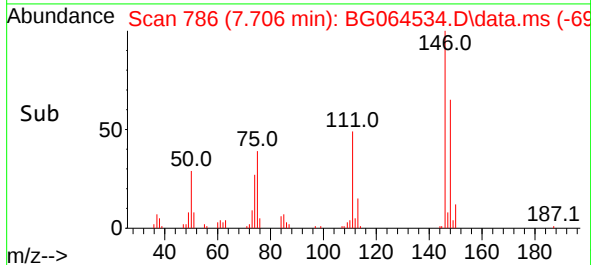
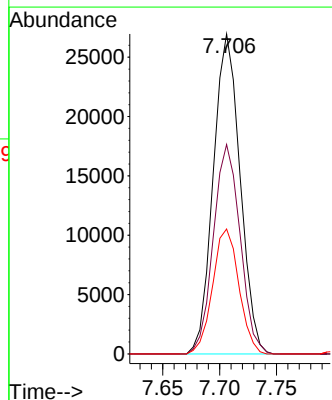
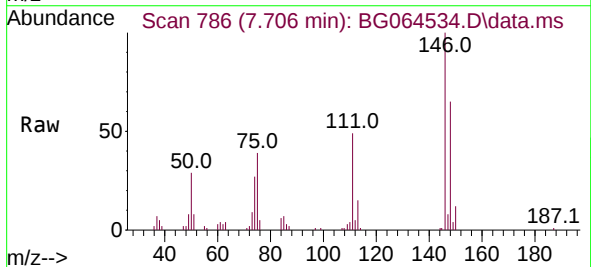
Manual Integrations
APPROVED

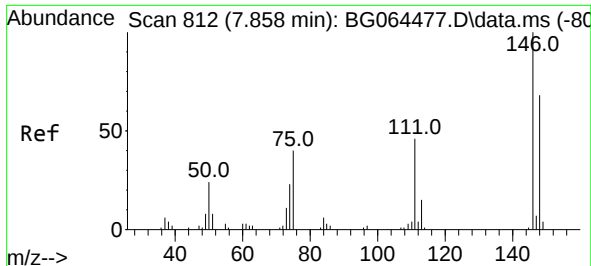
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#12
1,3-Dichlorobenzene
Concen: 44.838 ng
RT: 7.706 min Scan# 786
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:146 Resp: 44092
Ion Ratio Lower Upper
146 100
148 65.4 48.4 72.6
75 39.0 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 47.505 ng

RT: 7.853 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

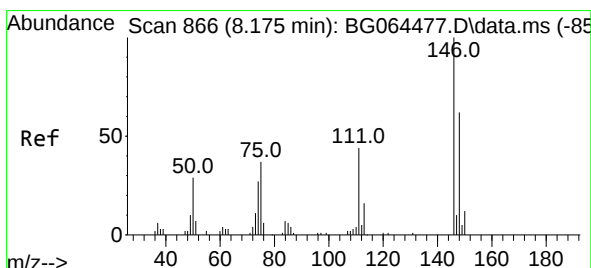
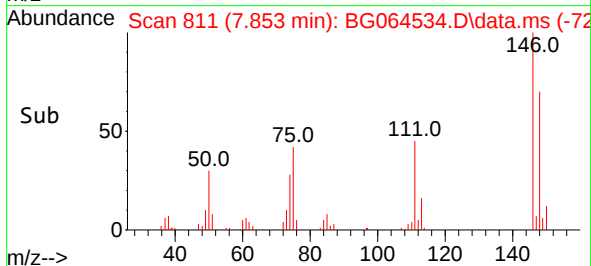
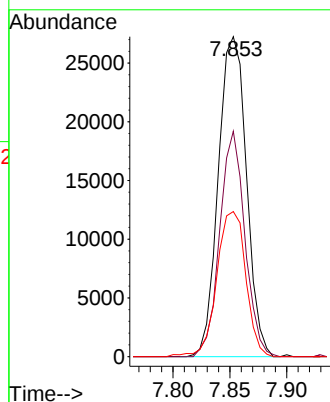
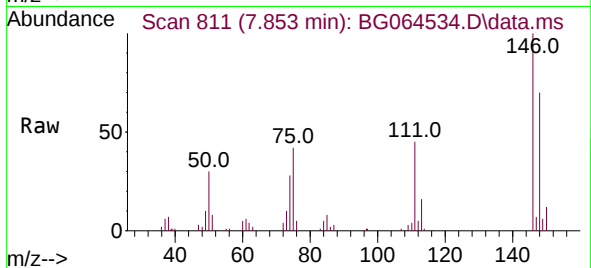
Tgt Ion:146 Resp: 46884
 Ion Ratio Lower Upper
 146 100
 148 70.4 54.4 81.6
 111 45.3 36.5 54.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#14

1,2-Dichlorobenzene

Concen: 46.200 ng

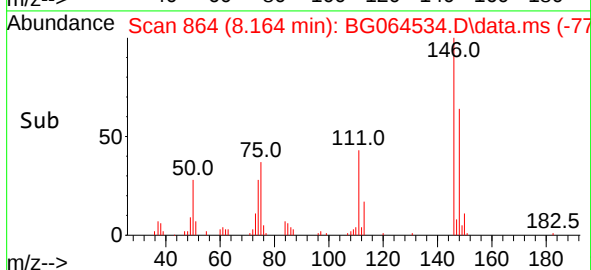
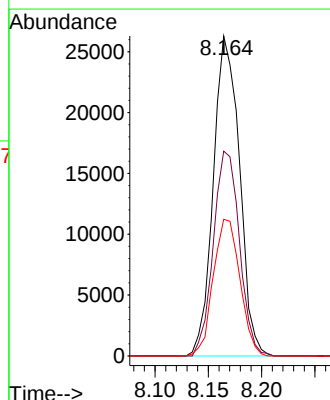
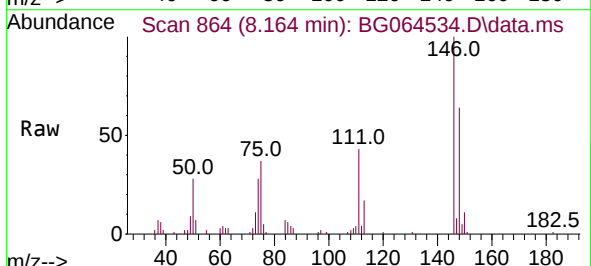
RT: 8.164 min Scan# 864

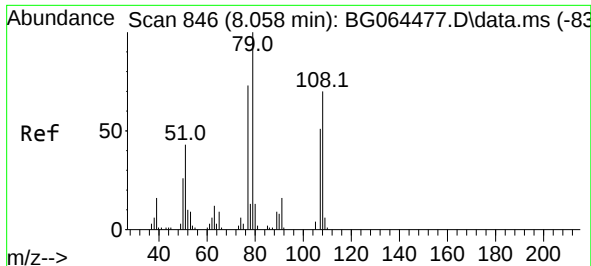
Delta R.T. -0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

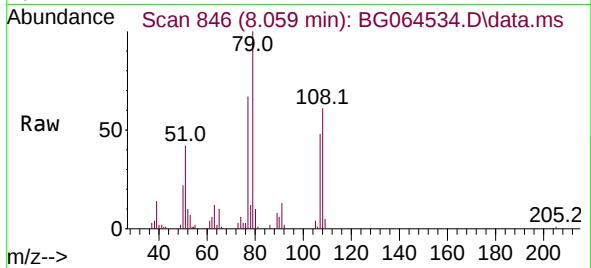
Tgt Ion:146 Resp: 44938
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.0 75.0
 111 42.7 35.0 52.4





#15
Benzyl Alcohol
Concen: 48.490 ng
RT: 8.059 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

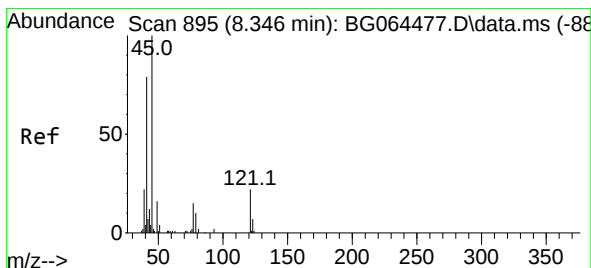
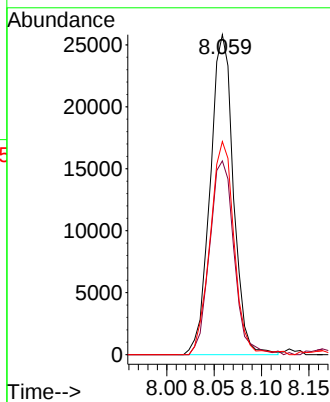
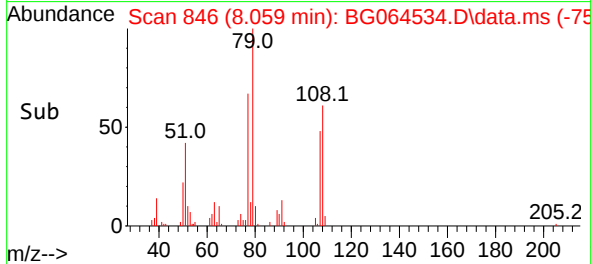
Instrument :
BNA_G
ClientSampleId :
PB170144BS



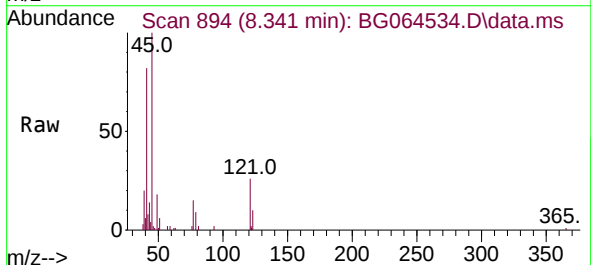
Tgt Ion: 79 Resp: 43931
Ion Ratio Lower Upper
79 100
108 60.5 56.4 84.6
77 66.6 58.3 87.5

Manual Integrations
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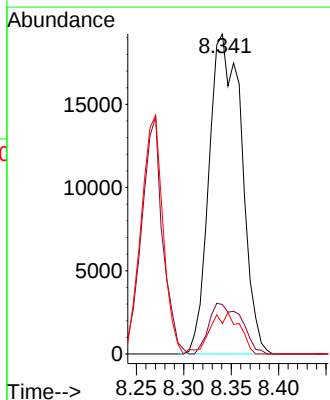
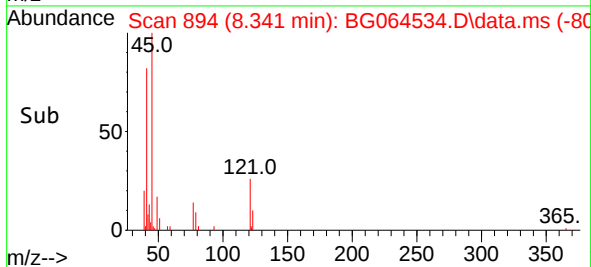
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

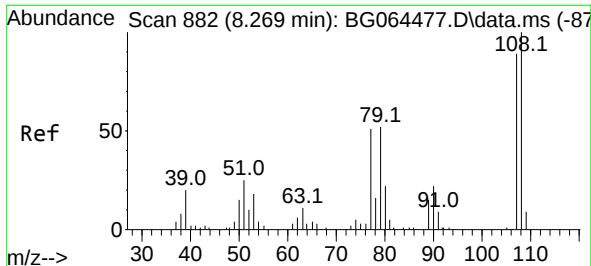


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.433 ng
RT: 8.341 min Scan# 894
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



Tgt Ion: 45 Resp: 45805
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.6
79 9.5 0.0 30.7





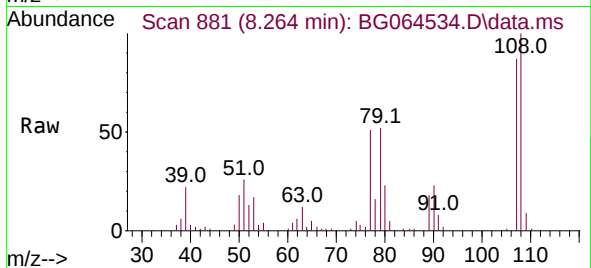
#17
2-Methylphenol
Concen: 48.703 ng
RT: 8.264 min Scan# 881
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

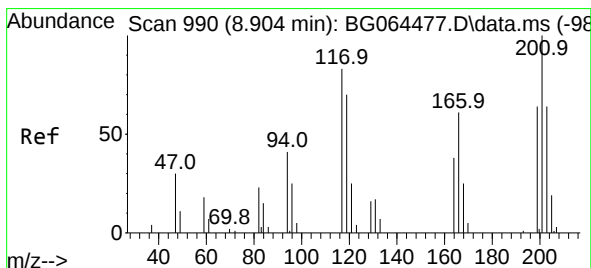
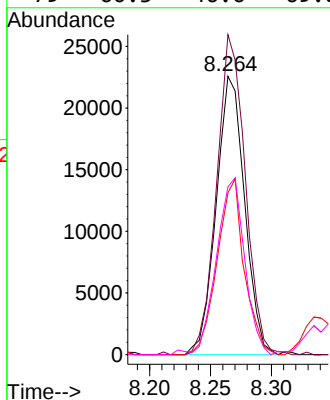
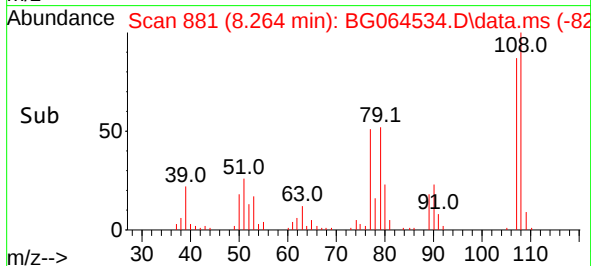


Tgt Ion:107 Resp: 36599
Ion Ratio Lower Upper
107 100
108 115.0 90.3 135.5
77 58.1 46.0 69.0
79 60.3 46.6 69.8

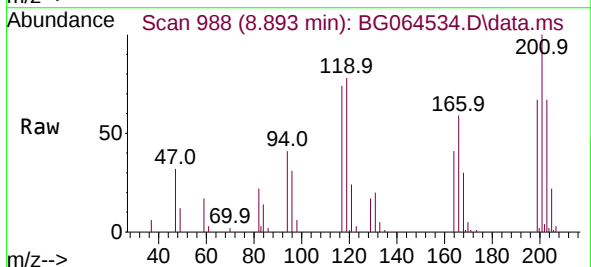
Manual Integrations

APPROVED

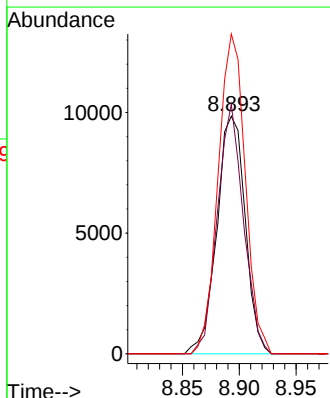
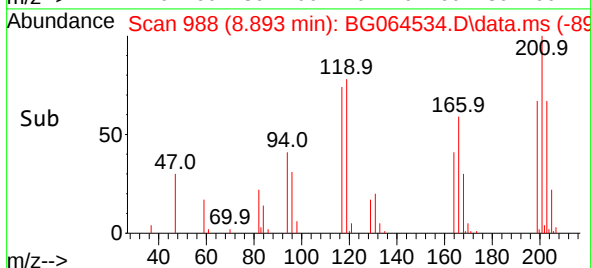
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

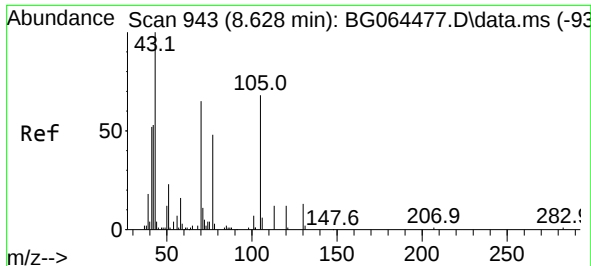


#18
Hexachloroethane
Concen: 43.788 ng
RT: 8.893 min Scan# 988
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



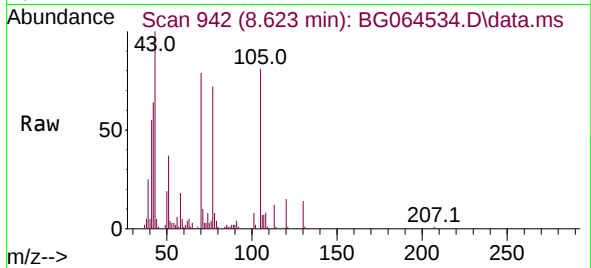
Tgt Ion:117 Resp: 17058
Ion Ratio Lower Upper
117 100
119 105.0 67.4 101.0#
201 134.7 95.9 143.9





#19
n-Nitroso-di-n-propylamine
Concen: 46.565 ng
RT: 8.623 min Scan# 943
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

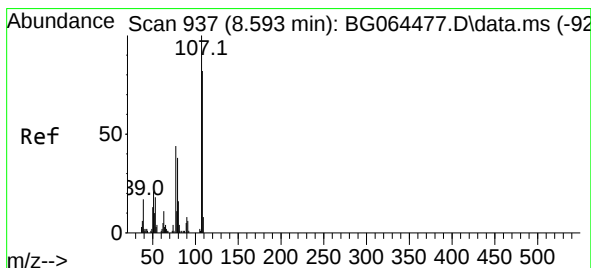
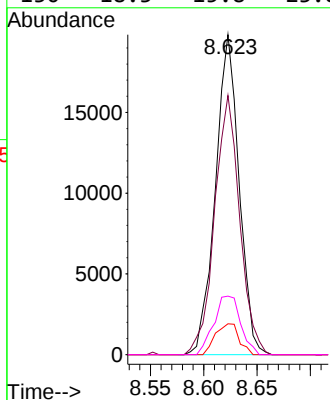
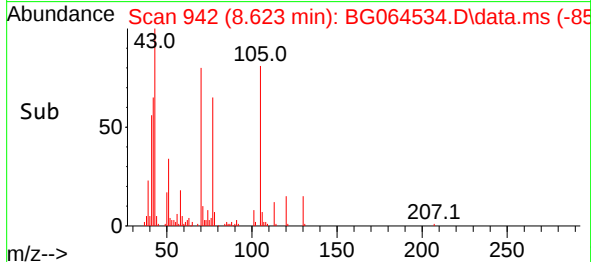
Instrument :
BNA_G
ClientSampleId :
PB170144BS



Tgt Ion: 70 Resp: 30636
Ion Ratio Lower Upper
70 100
42 81.0 64.9 97.3
101 9.6 8.7 13.1
130 18.3 15.8 23.8

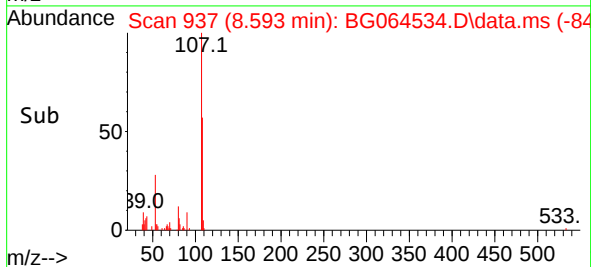
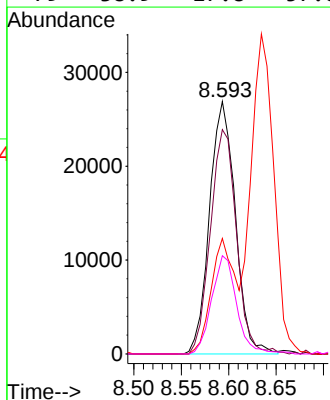
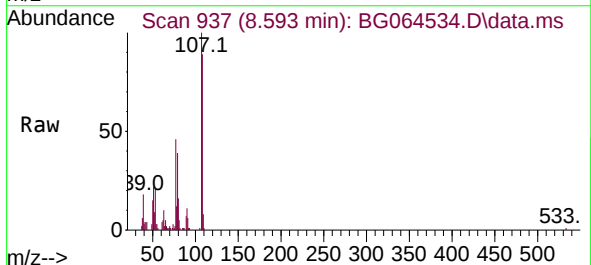
Manual Integrations
APPROVED

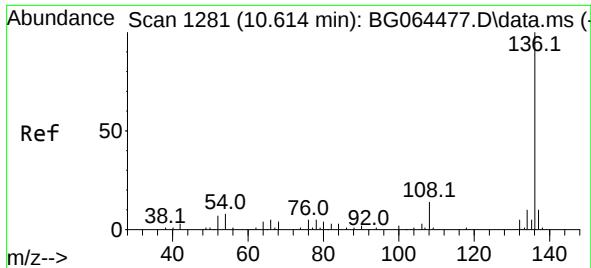
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#20
3+4-Methylphenols
Concen: 48.467 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:107 Resp: 50826
Ion Ratio Lower Upper
107 100
108 88.9 62.1 102.1
77 45.7 23.5 63.5
79 38.9 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1281
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

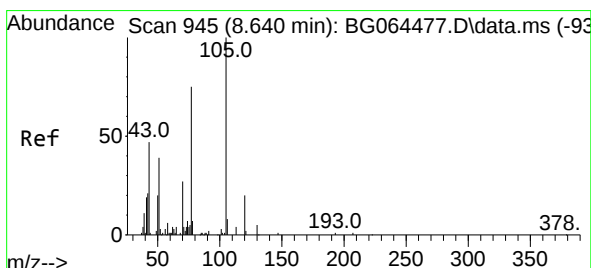
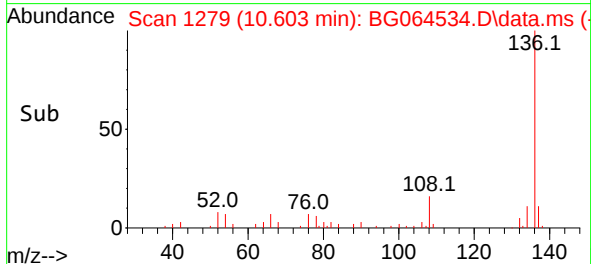
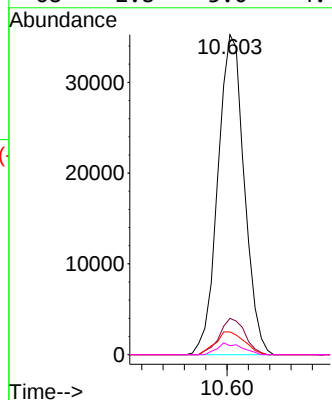
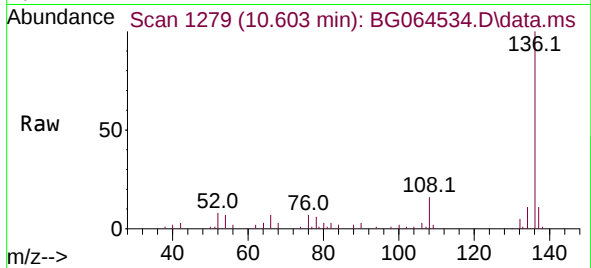
PB170144BS

Tgt Ion:136 Resp: 60553
Ion Ratio Lower Upper
136 100
137 11.3 8.3 12.5
54 7.1 6.2 9.4
68 2.8 3.0 4.4#

Manual Integrations

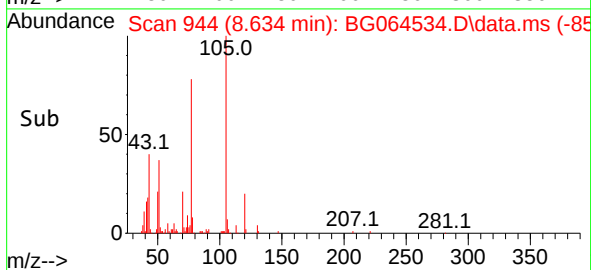
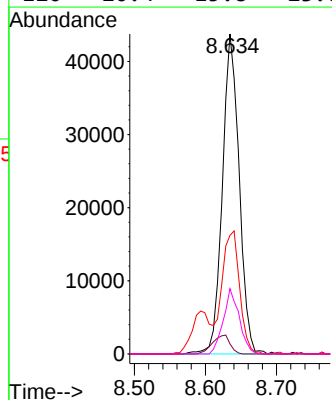
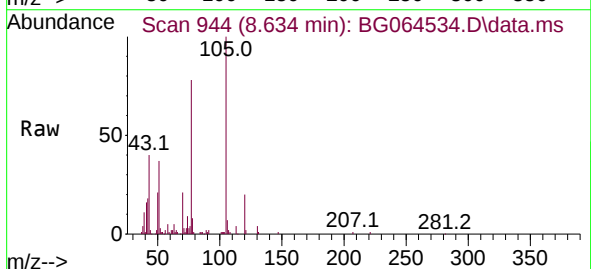
APPROVED

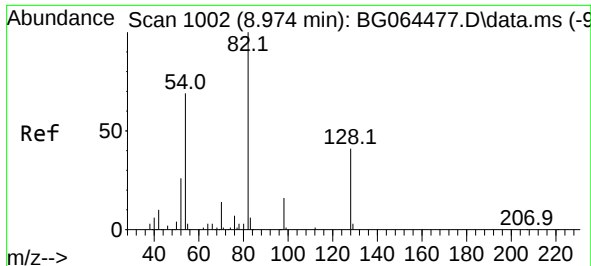
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#22
Acetophenone
Concen: 49.110 ng
RT: 8.634 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

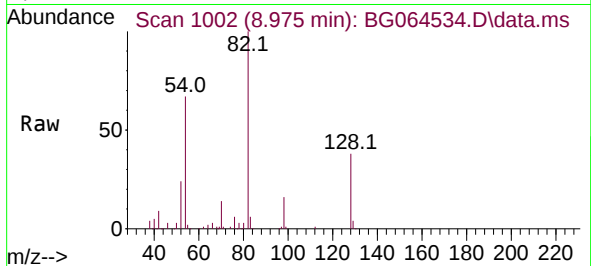
Tgt Ion:105 Resp: 72002
Ion Ratio Lower Upper
105 100
71 3.1 2.8 4.2
51 37.0 33.0 49.4
120 20.4 15.8 23.6





#23
Nitrobenzene-d5
Concen: 84.209 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

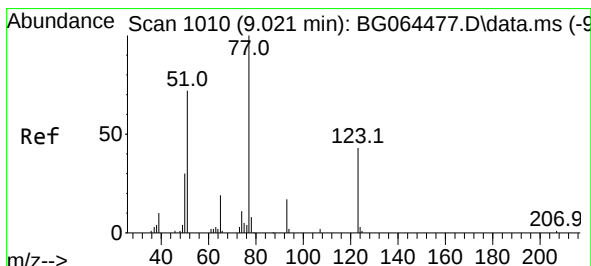
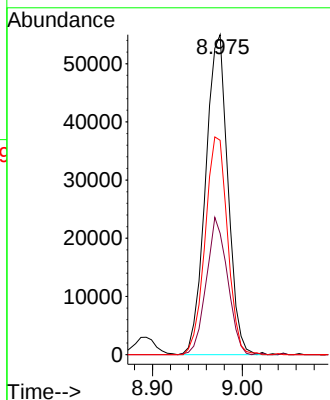
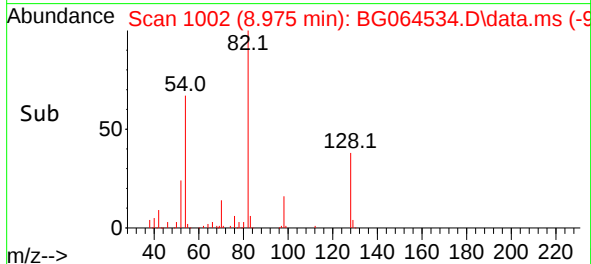
Instrument :
BNA_G
ClientSampleId :
PB170144BS



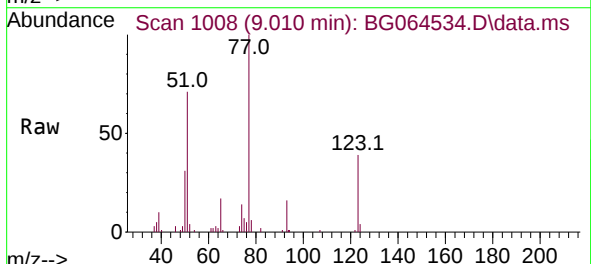
Tgt Ion: 82 Resp: 94832
Ion Ratio Lower Upper
82 100
128 37.9 33.1 49.7
54 67.0 55.4 83.2

Manual Integrations
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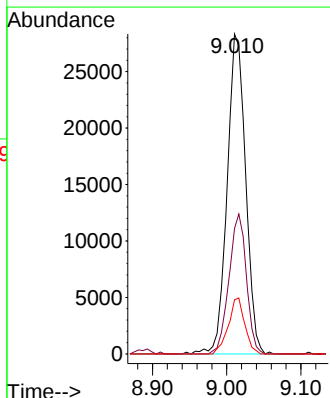
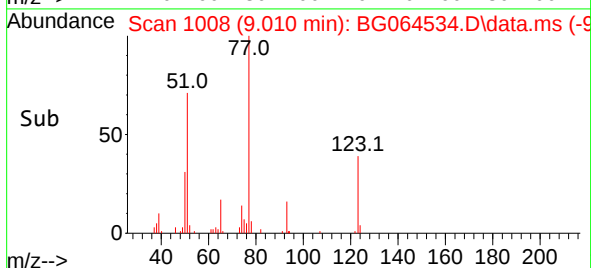
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

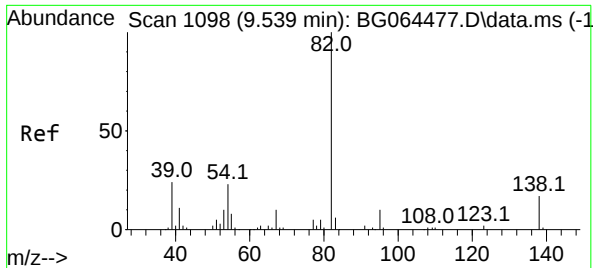


#24
Nitrobenzene
Concen: 43.659 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



Tgt Ion: 77 Resp: 49030
Ion Ratio Lower Upper
77 100
123 39.2 34.4 51.6
65 16.9 14.8 22.2





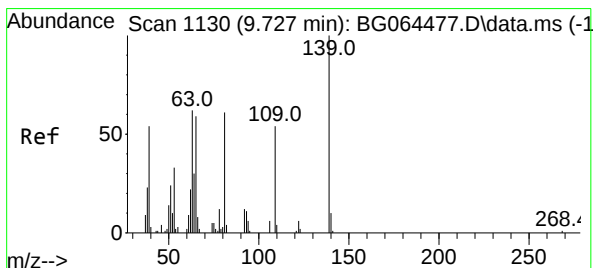
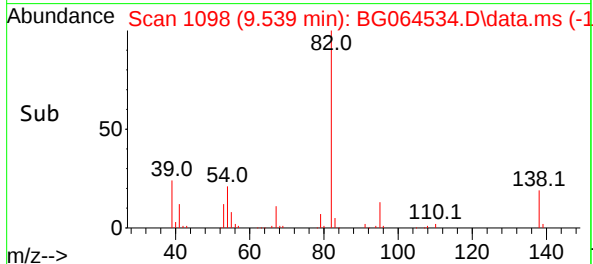
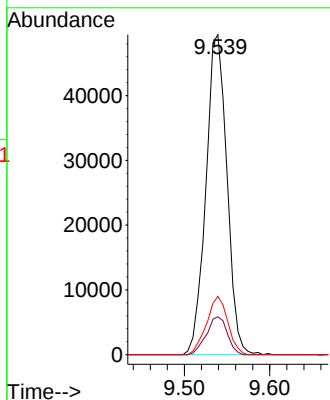
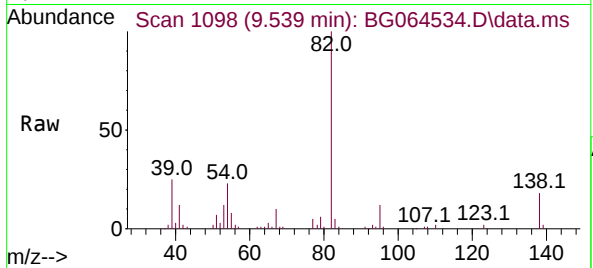
#25
Isophorone
Concen: 41.463 ng
RT: 9.539 min Scan# 1098
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :
BNA_G
ClientSampleId :
PB170144BS

Tgt Ion: 82 Resp: 84589
Ion Ratio Lower Upper
82 100
95 11.8 7.8 11.8
138 18.2 13.8 20.6

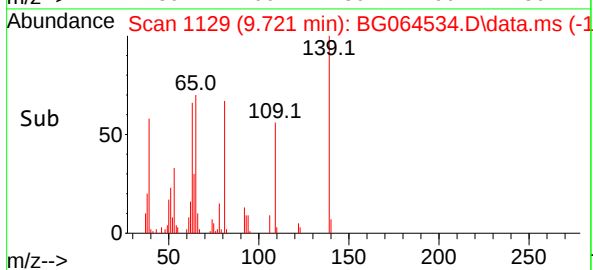
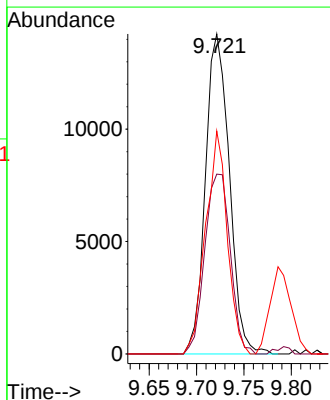
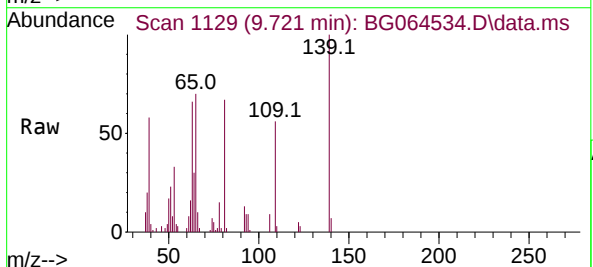
Manual Integrations
APPROVED

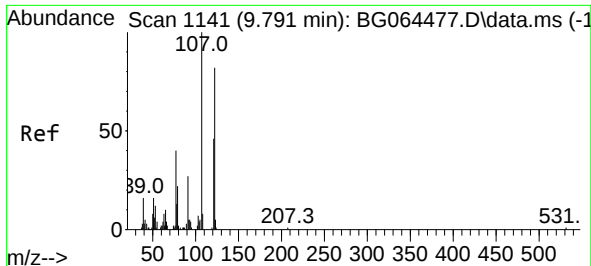
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#26
2-Nitrophenol
Concen: 44.725 ng
RT: 9.721 min Scan# 1129
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:139 Resp: 24998
Ion Ratio Lower Upper
139 100
109 56.2 43.0 64.6
65 69.6 47.4 71.2





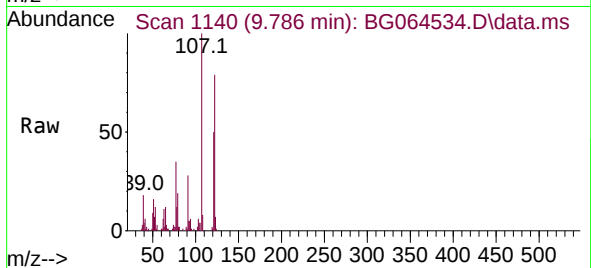
#27
2,4-Dimethylphenol
Concen: 51.699 ng
RT: 9.786 min Scan# 1141
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS



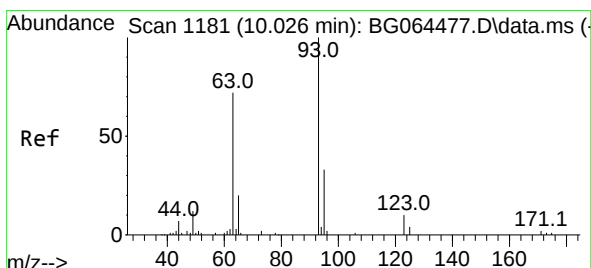
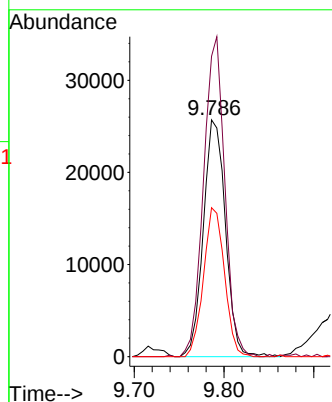
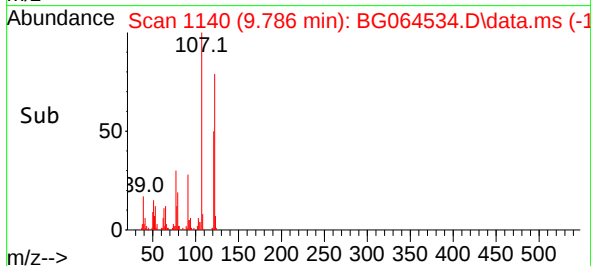
Tgt Ion:122 Resp: 44134
Ion Ratio Lower Upper
122 100
107 127.0 98.3 147.5
121 62.9 44.7 67.1

Manual Integrations

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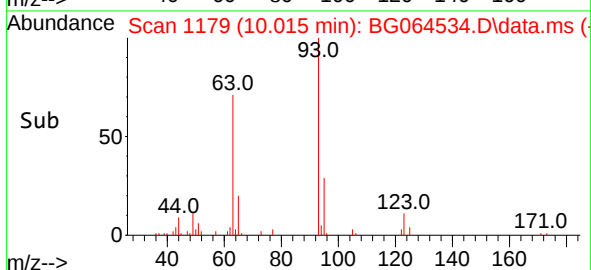
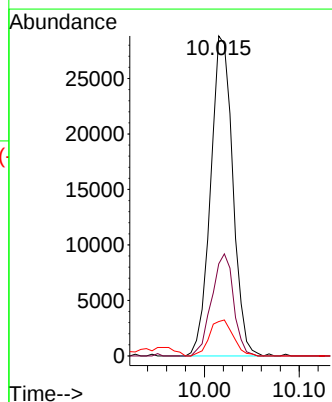
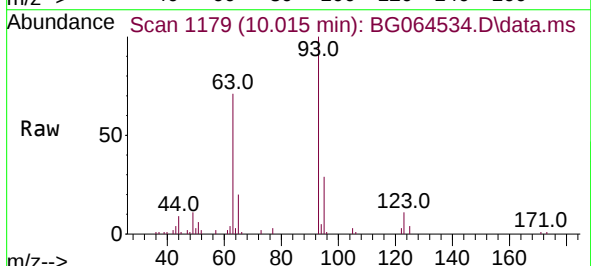
Reviewed By :Rahul Chavli 10/20/2025

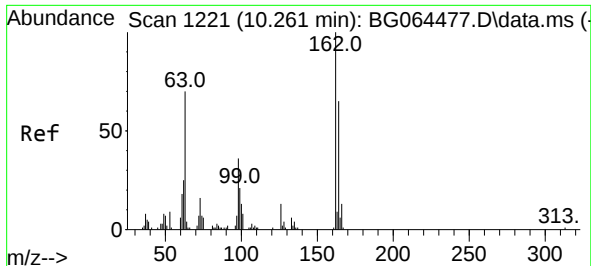
Supervised By :Jagrut Upadhyay 10/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.028 ng
RT: 10.015 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 93 Resp: 46826
Ion Ratio Lower Upper
93 100
95 28.8 26.5 39.7
123 10.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 46.675 ng

RT: 10.262 min Scan# 1221

Delta R.T. 0.003 min

Lab File: BG064534.D

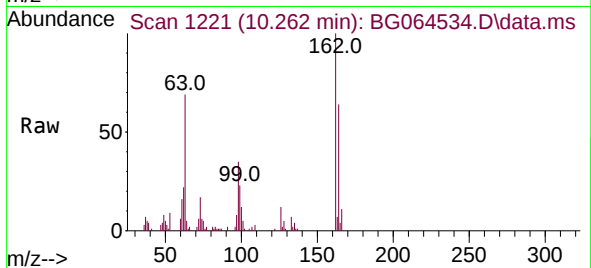
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS



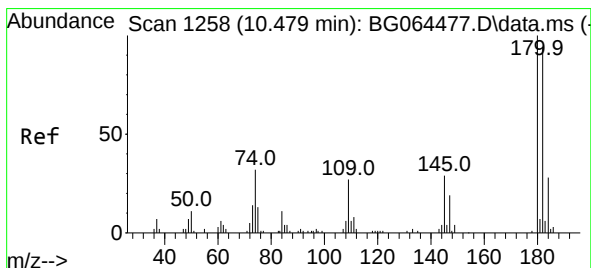
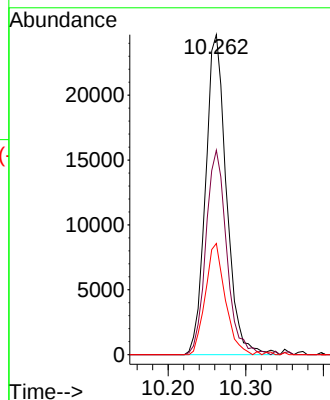
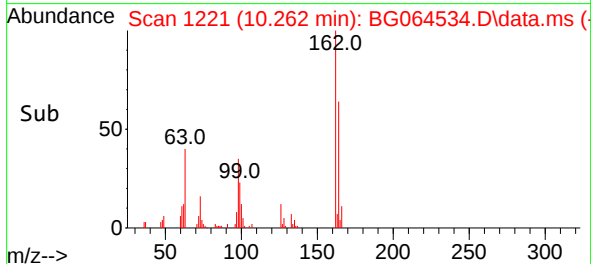
Tgt Ion:	162	Resp:	4607
Ion Ratio	Lower	Upper	
162	100		
164	63.9	45.4	85.4
98	34.7	16.4	56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.305 ng

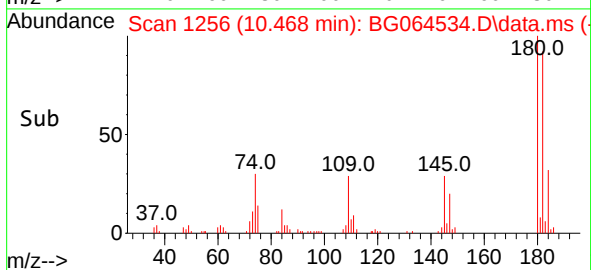
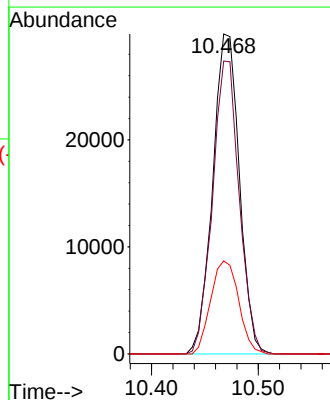
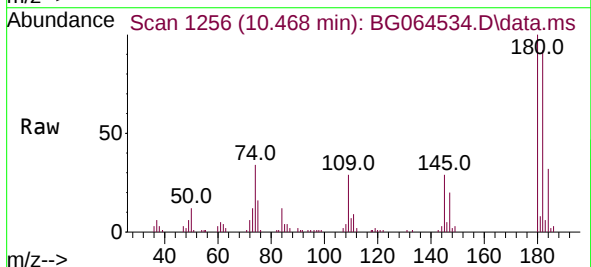
RT: 10.468 min Scan# 1256

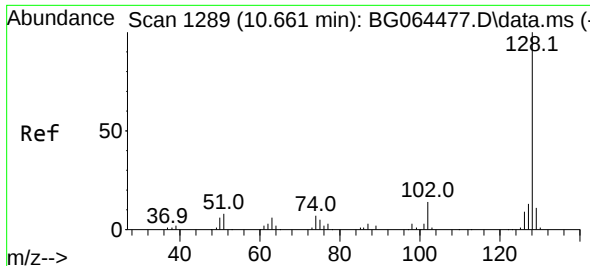
Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

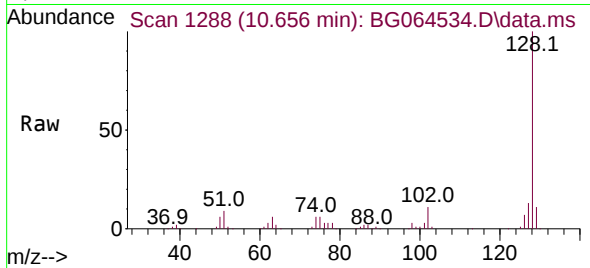
Tgt Ion:	180	Resp:	51994
Ion Ratio	Lower	Upper	
180	100		
182	91.5	75.4	113.2
145	29.1	23.2	34.8





#31
Naphthalene
Concen: 44.089 ng
RT: 10.656 min Scan# 1170
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

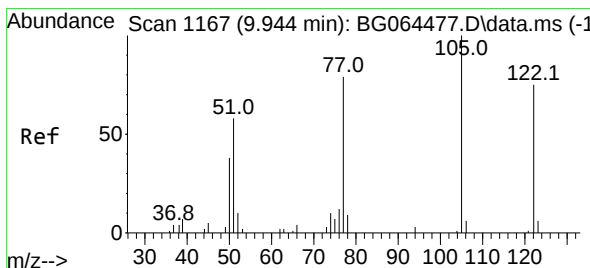
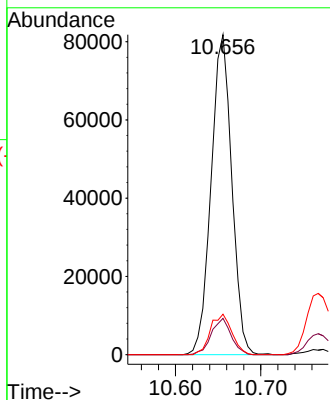
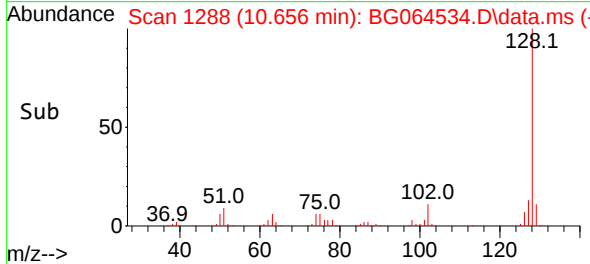
Instrument :
BNA_G
ClientSampleId :
PB170144BS



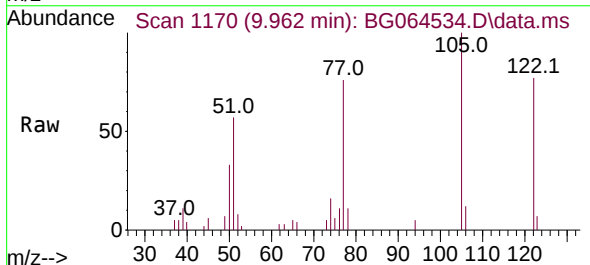
Tgt Ion:128 Resp: 137476
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.6 10.2 15.2

Manual Integrations
APPROVED

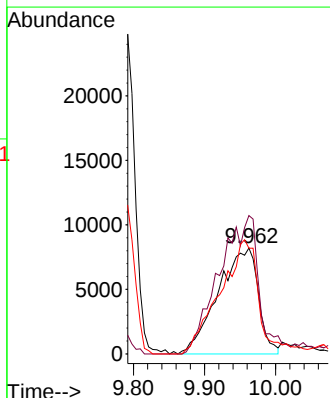
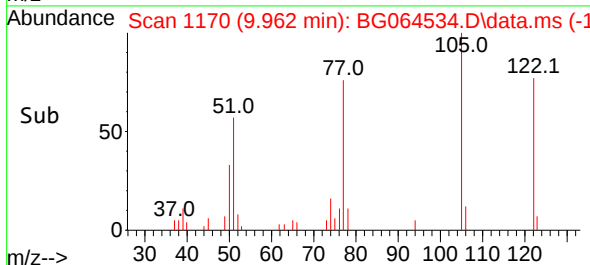
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

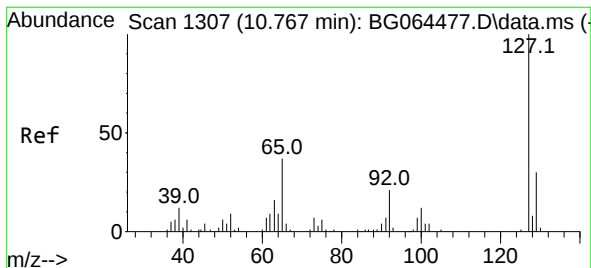


#32
Benzoic acid
Concen: 49.247 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.074 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



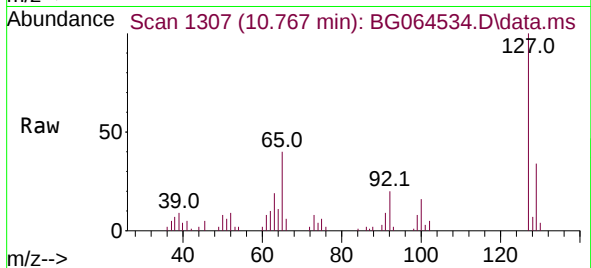
Tgt Ion:122 Resp: 32278
Ion Ratio Lower Upper
122 100
105 130.6 113.9 153.9
77 99.8 86.1 126.1





#33
4-Chloroaniline
Concen: 26.562 ng
RT: 10.767 min Scan# 1307
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

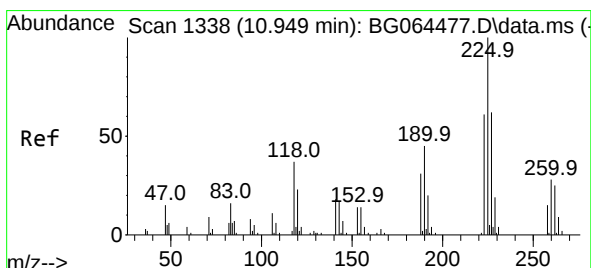
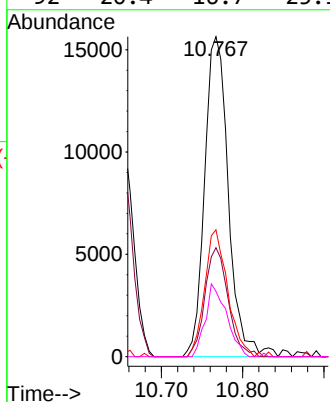
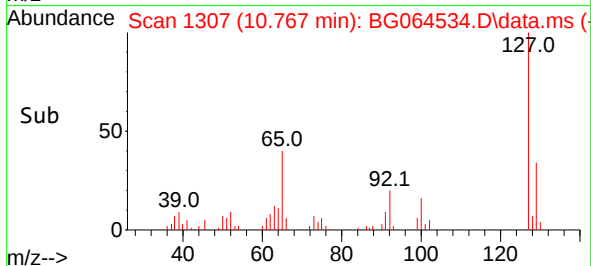
Instrument :
BNA_G
ClientSampleId :
PB170144BS



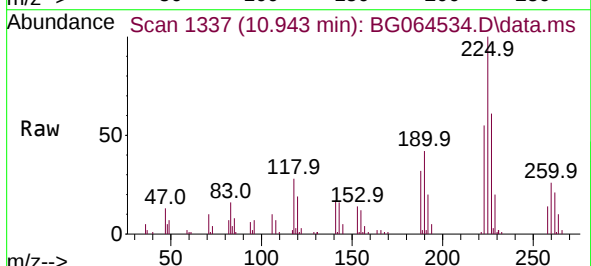
Tgt Ion:	127	Resp:	31783
Ion	Ratio	Lower	Upper
127	100		
129	34.0	24.2	36.4
65	39.6	29.6	44.4
92	20.4	16.7	25.1

Manual Integrations
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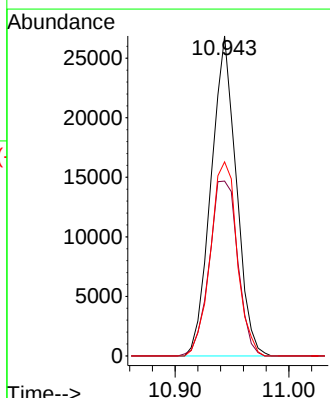
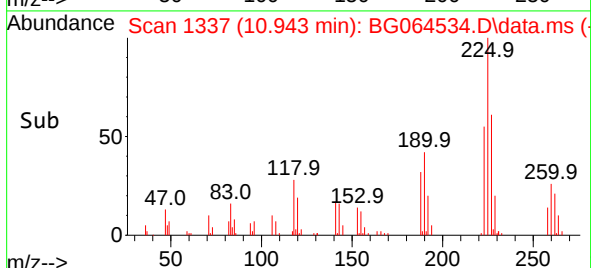
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

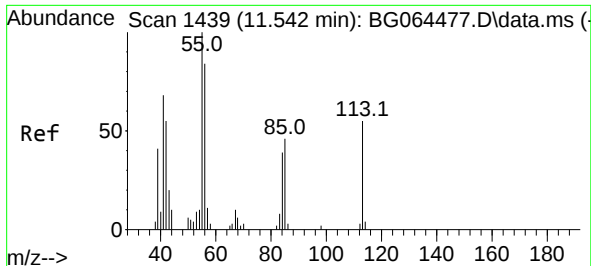


#34
Hexachlorobutadiene
Concen: 44.797 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



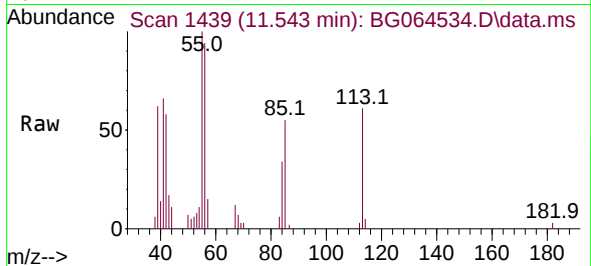
Tgt Ion:	225	Resp:	41295
Ion	Ratio	Lower	Upper
225	100		
223	54.6	49.0	73.6
227	60.6	49.9	74.9





#35
Caprolactam
Concen: 43.983 ng m
RT: 11.543 min Scan# 1439
Delta R.T. 0.033 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

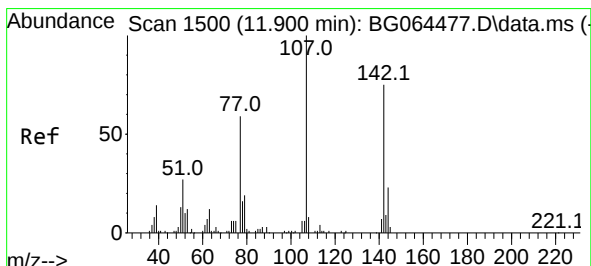
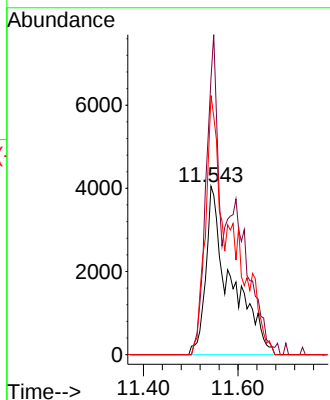
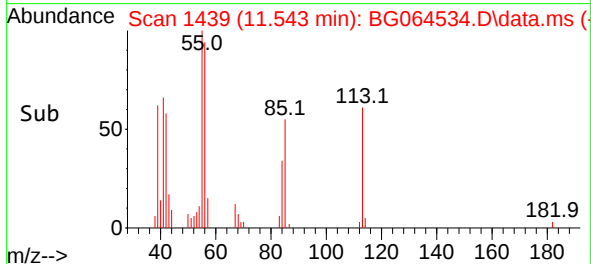
Instrument :
BNA_G
ClientSampleId :
PB170144BS



Tgt Ion:113 Resp: 14864
Ion Ratio Lower Upper
113 100
55 164.4 162.0 202.0
56 154.0 134.6 174.6

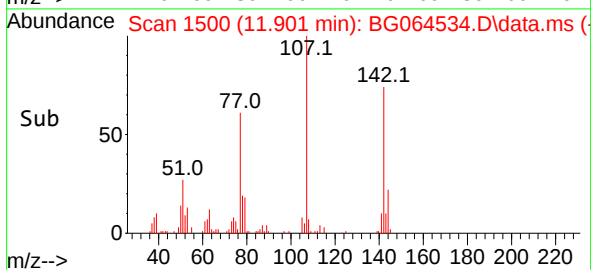
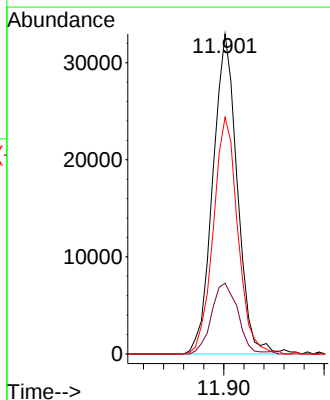
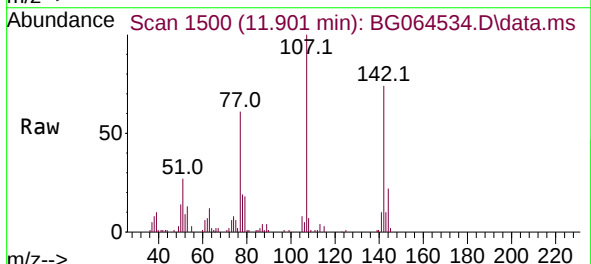
Manual Integrations
APPROVED

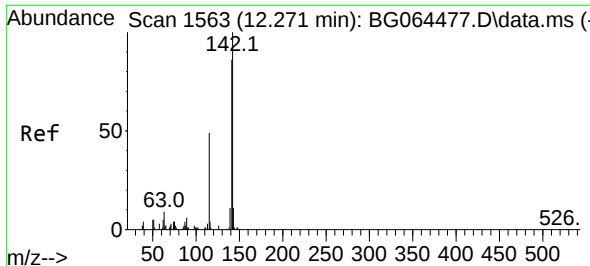
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#36
4-Chloro-3-methylphenol
Concen: 46.254 ng
RT: 11.901 min Scan# 1500
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:107 Resp: 55528
Ion Ratio Lower Upper
107 100
144 22.1 18.7 28.1
142 73.9 60.2 90.2





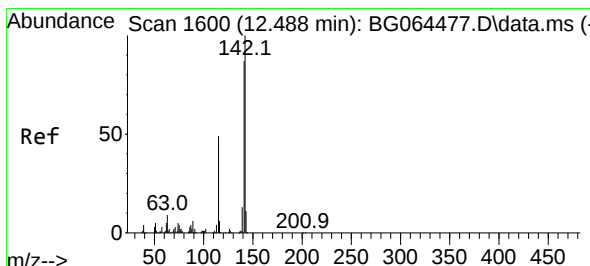
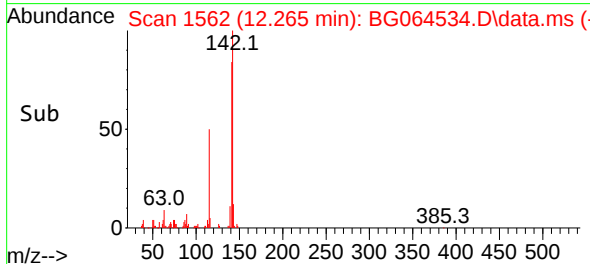
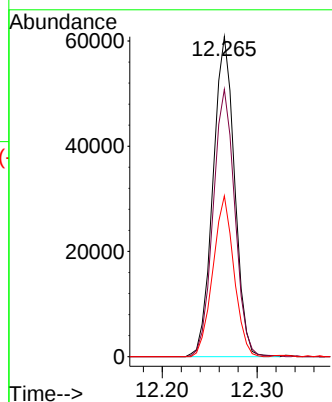
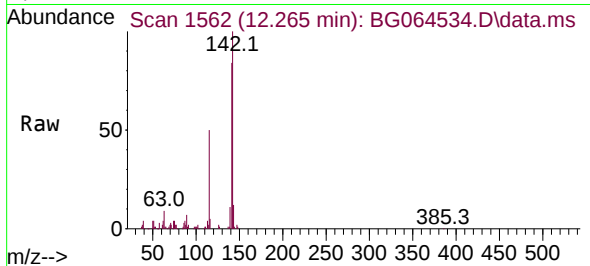
#37
2-Methylnaphthalene
Concen: 40.178 ng
RT: 12.265 min Scan# 1562
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :
BNA_G
ClientSampleId :
PB170144BS

Tgt Ion:142 Resp: 96169
Ion Ratio Lower Upper
142 100
141 83.5 68.7 103.1
115 50.2 39.3 58.9

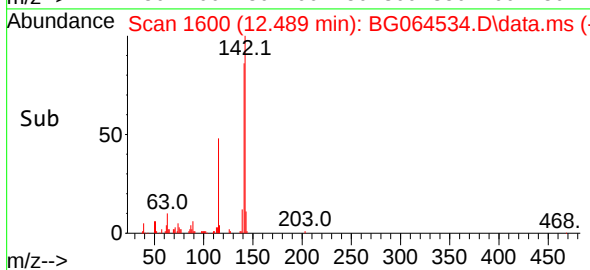
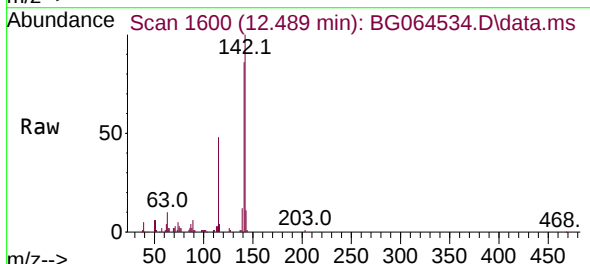
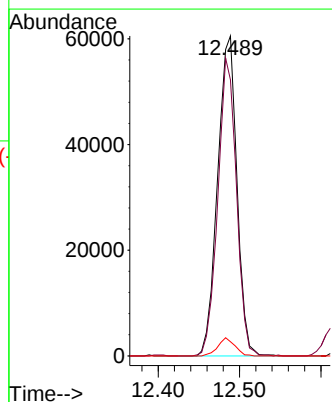
Manual Integrations
APPROVED

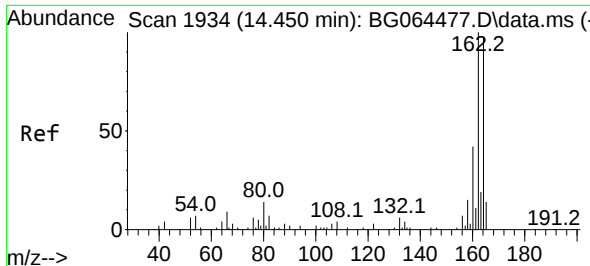
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#38
1-Methylnaphthalene
Concen: 41.713 ng m
RT: 12.489 min Scan# 1600
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

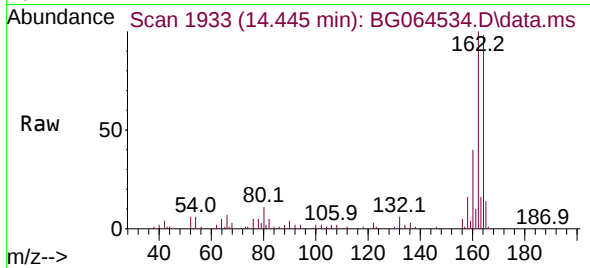
Tgt Ion:142 Resp: 99556
Ion Ratio Lower Upper
142 100
141 86.3 69.8 104.8
116 4.4 4.6 6.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

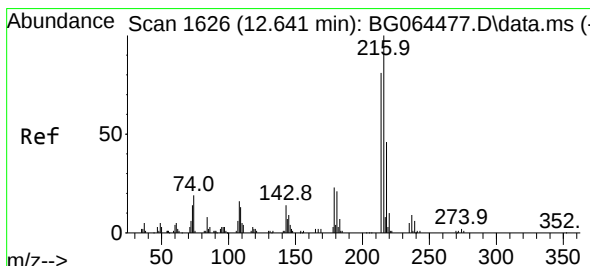
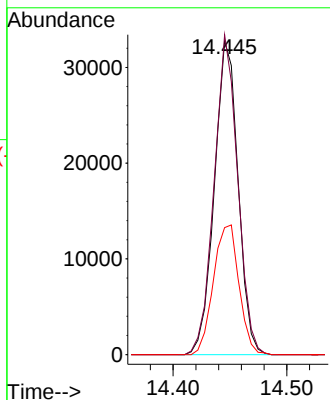
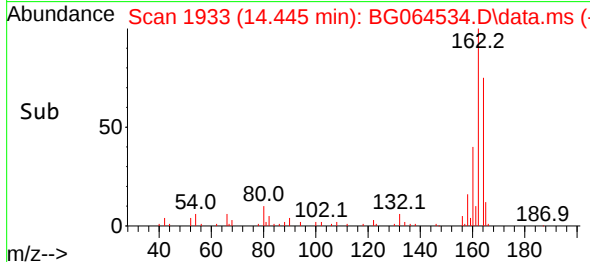
Instrument :
BNA_G
ClientSampleId :
PB170144BS



Tgt Ion:164 Resp: 47398
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 40.5 34.3 51.5

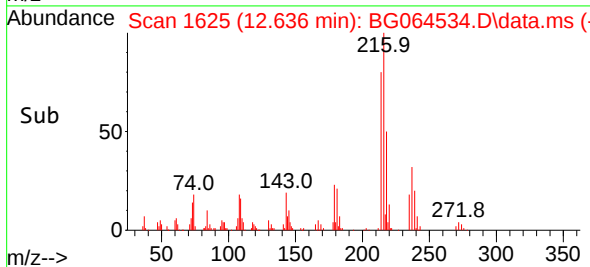
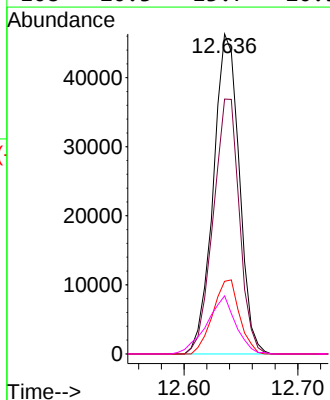
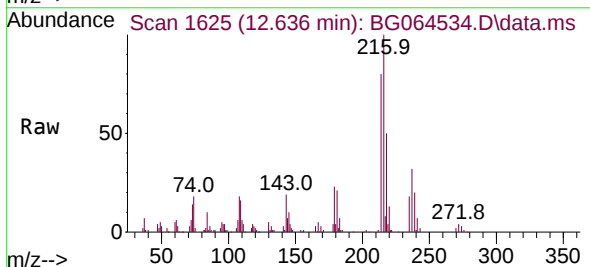
Manual Integrations
APPROVED

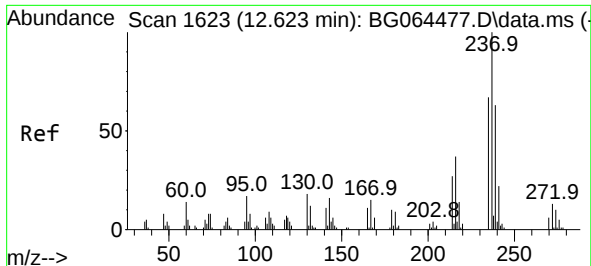
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.965 ng
RT: 12.636 min Scan# 1625
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

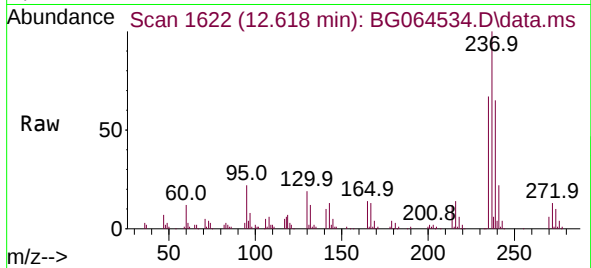
Tgt Ion:216 Resp: 73405
Ion Ratio Lower Upper
216 100
214 80.0 62.5 93.7
179 23.6 17.0 25.6
108 20.3 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 132.127 ng
RT: 12.618 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

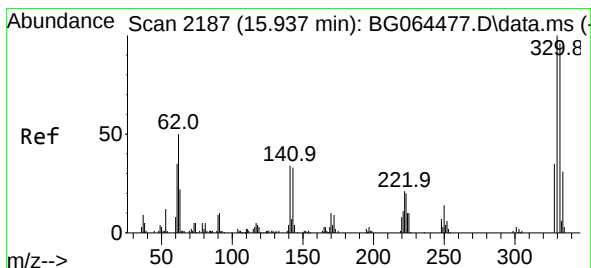
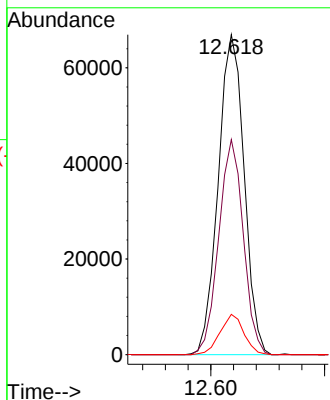
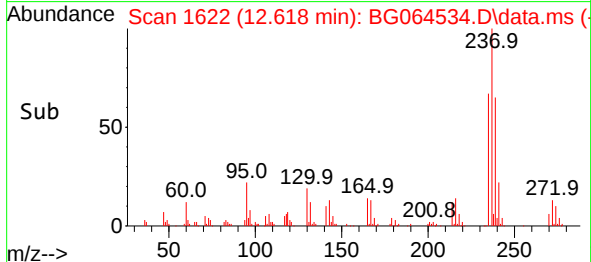
Instrument :
BNA_G
ClientSampleId :
PB170144BS



Tgt Ion:237 Resp: 105773
Ion Ratio Lower Upper
237 100
235 67.2 46.9 86.9
272 12.6 0.0 32.6

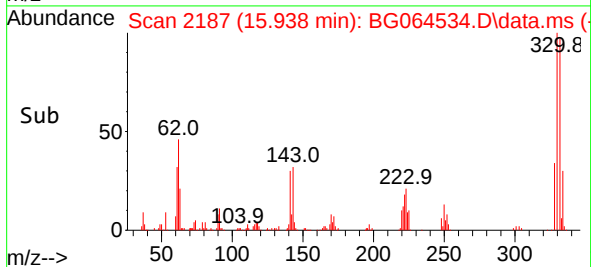
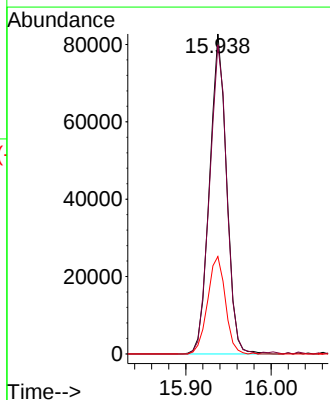
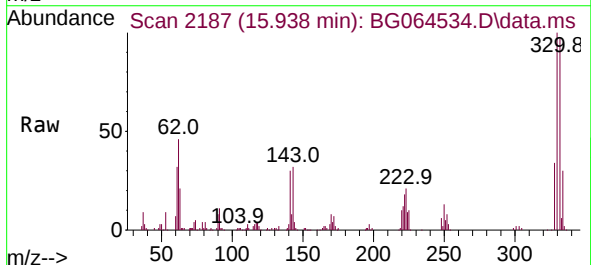
Manual Integrations
APPROVED

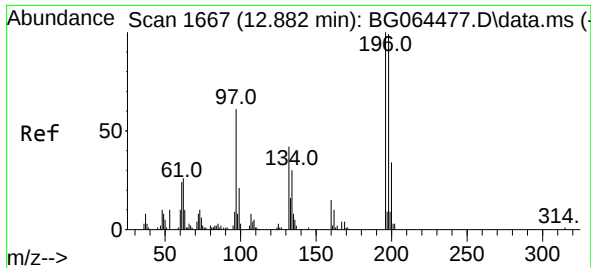
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#42
2,4,6-Tribromophenol
Concen: 133.360 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:330 Resp: 114577
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 31.7 25.8 38.6





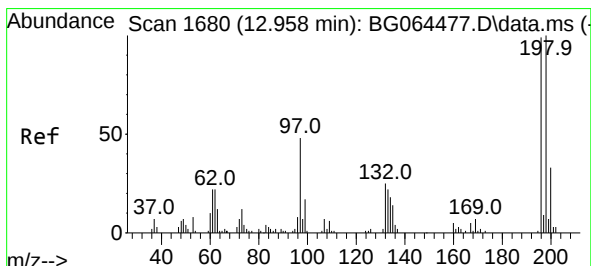
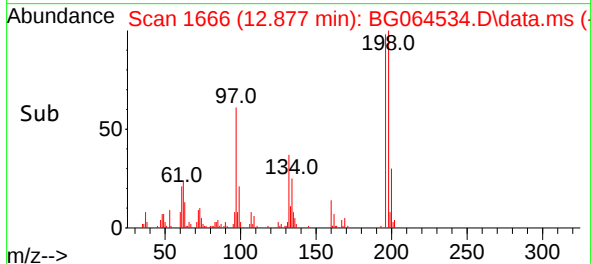
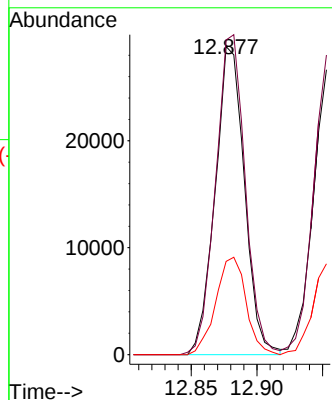
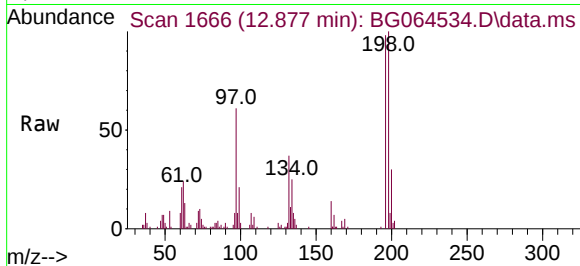
#43
2,4,6-Trichlorophenol
Concen: 45.890 ng
RT: 12.877 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :
BNA_G
ClientSampleId :
PB170144BS

Tgt Ion:196 Resp: 44895
Ion Ratio Lower Upper
196 100
198 102.1 79.3 118.9
200 30.2 27.4 41.2

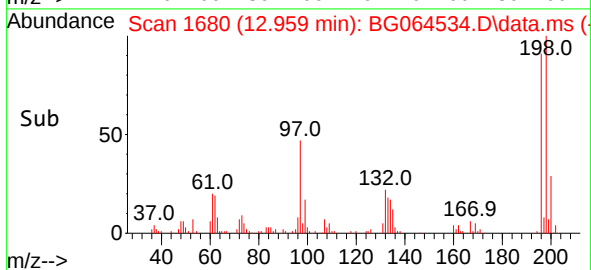
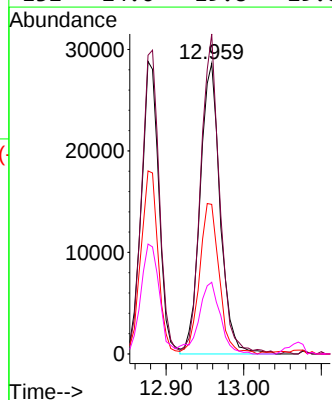
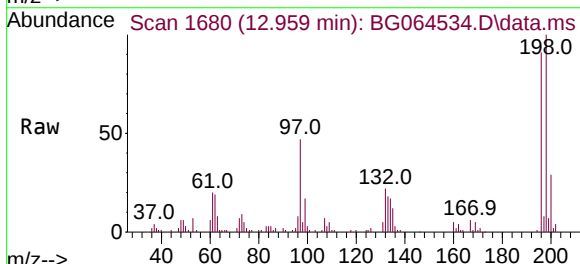
Manual Integrations
APPROVED

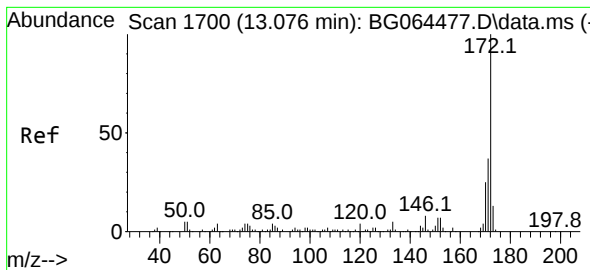
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#44
2,4,5-Trichlorophenol
Concen: 46.953 ng
RT: 12.959 min Scan# 1680
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

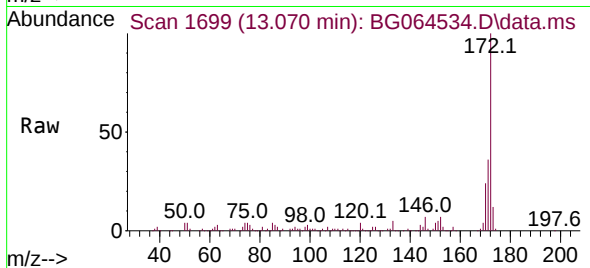
Tgt Ion:196 Resp: 51283
Ion Ratio Lower Upper
196 100
198 110.2 80.3 120.5
97 51.5 39.4 59.0
132 24.6 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 83.324 ng
RT: 13.070 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

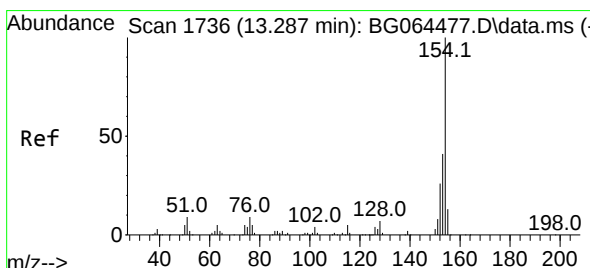
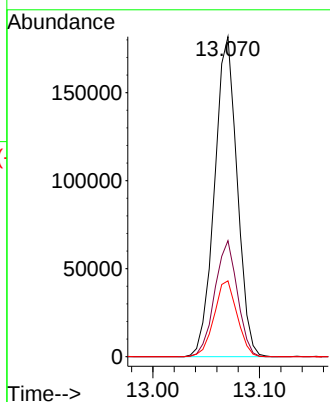
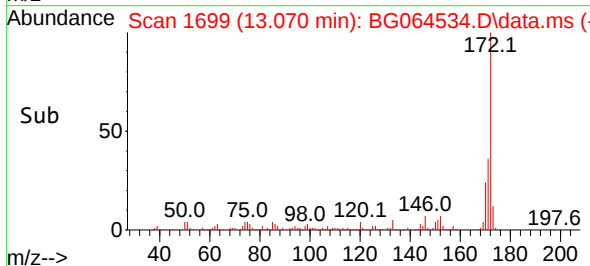
Instrument :
BNA_G
ClientSampleId :
PB170144BS



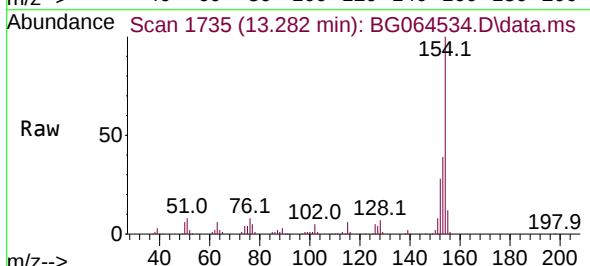
Tgt Ion:172 Resp: 267932
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.7 20.2 30.2

Manual Integrations
APPROVED

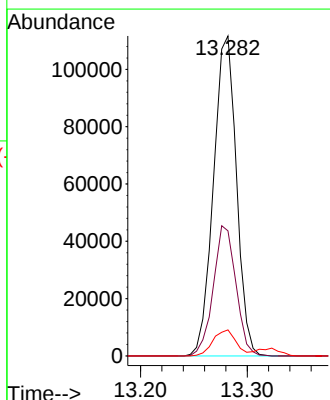
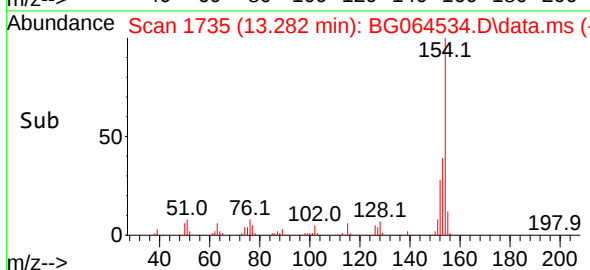
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

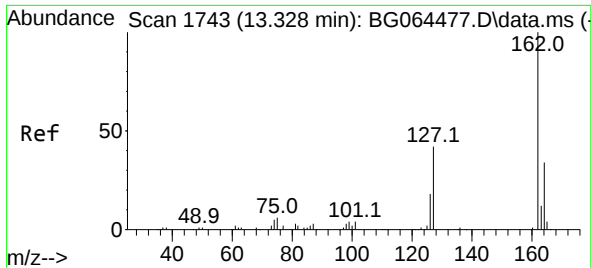


#46
1,1'-Biphenyl
Concen: 49.090 ng
RT: 13.282 min Scan# 1735
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



Tgt Ion:154 Resp: 167348
Ion Ratio Lower Upper
154 100
153 39.1 20.7 60.7
76 8.1 0.0 29.3





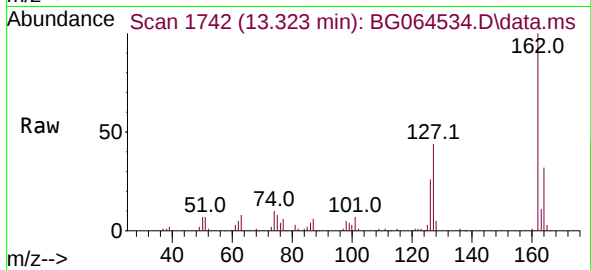
#47
2-Chloronaphthalene
Concen: 43.503 ng
RT: 13.323 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

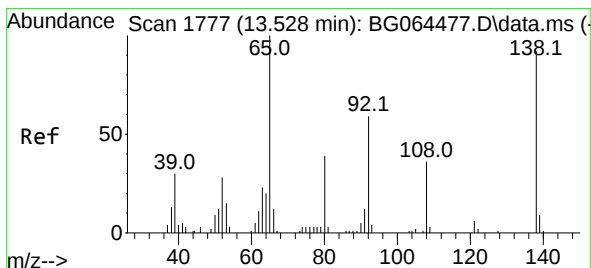
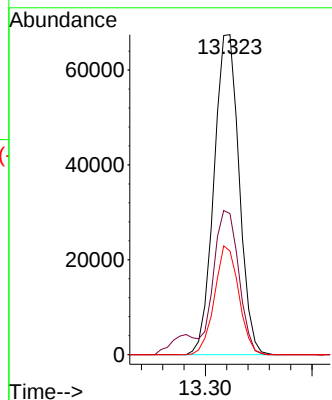
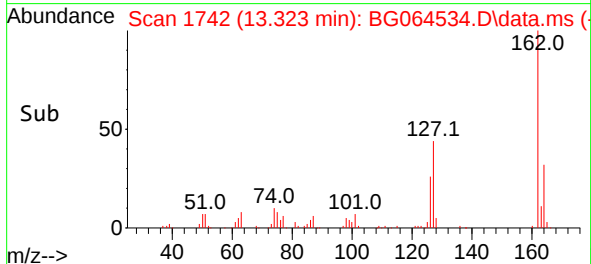


Tgt Ion:162 Resp: 110725
Ion Ratio Lower Upper
162 100
127 44.1 35.8 53.8
164 32.4 27.2 40.8

Manual Integrations

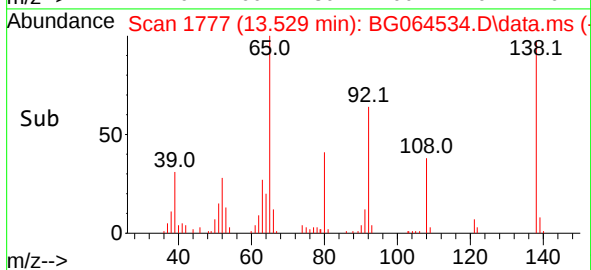
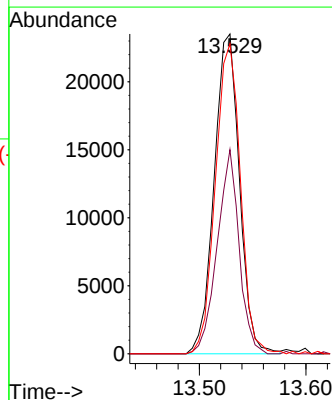
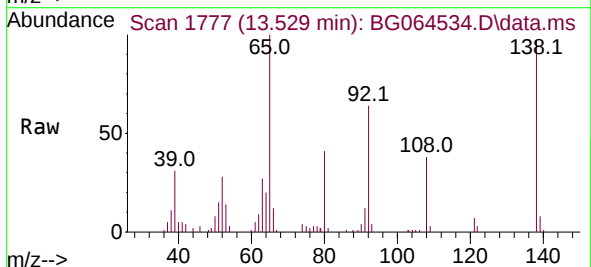
APPROVED

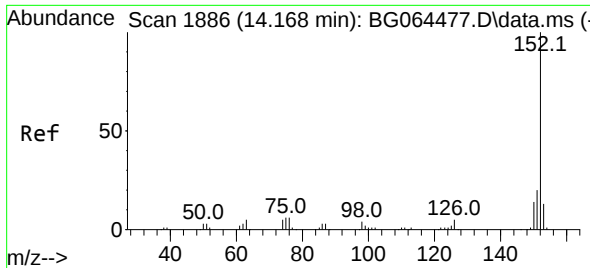
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#48
2-Nitroaniline
Concen: 44.650 ng
RT: 13.529 min Scan# 1777
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

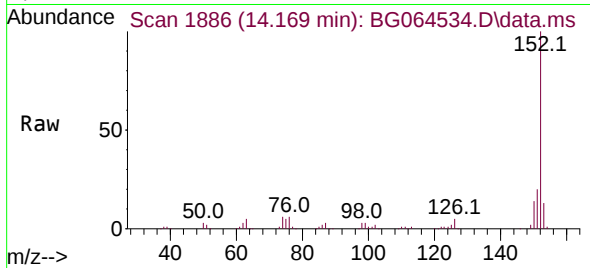
Tgt Ion: 65 Resp: 38787
Ion Ratio Lower Upper
65 100
92 63.8 47.0 70.6
138 96.9 73.5 110.3





#49
Acenaphthylene
Concen: 51.599 ng
RT: 14.169 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

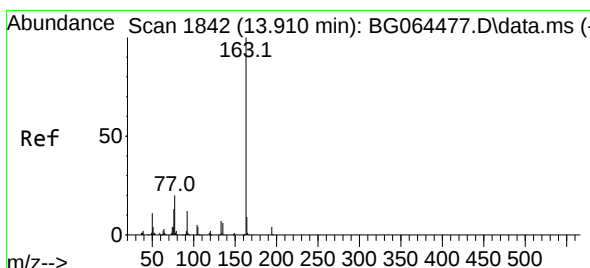
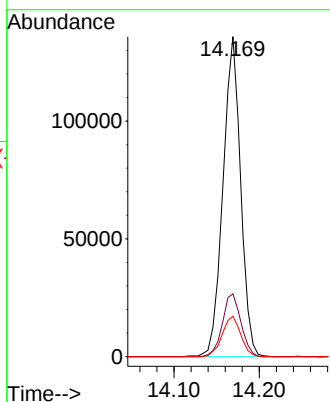
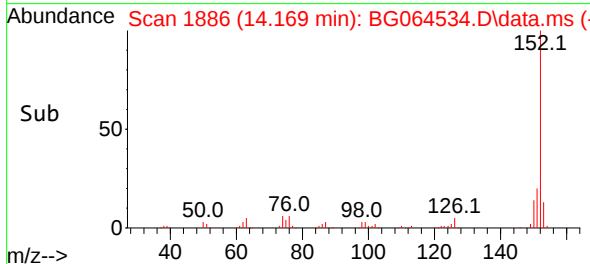
Instrument :
BNA_G
ClientSampleId :
PB170144BS



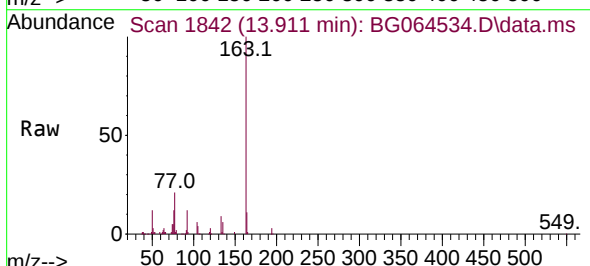
Tgt Ion:152 Resp: 194958
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.7 10.6 15.8

Manual Integrations
APPROVED

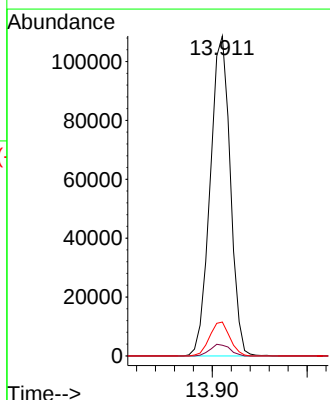
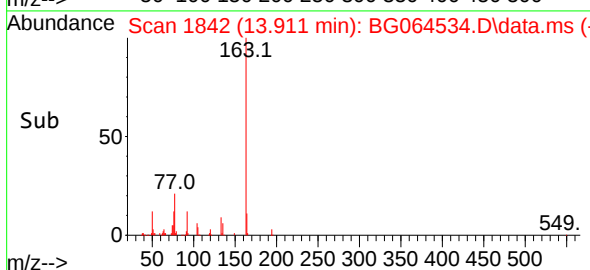
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

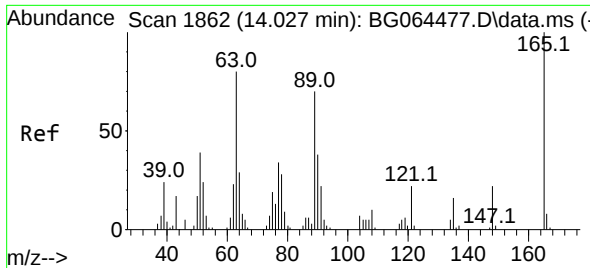


#50
Dimethylphthalate
Concen: 43.080 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



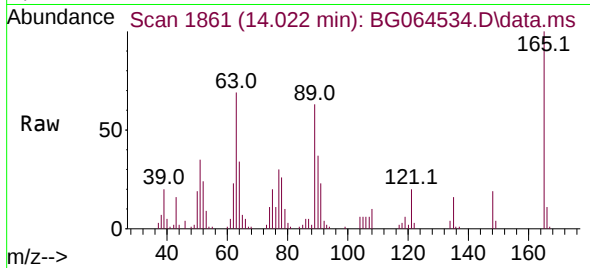
Tgt Ion:163 Resp: 159924
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.6 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 46.419 ng
RT: 14.022 min Scan# 1862
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

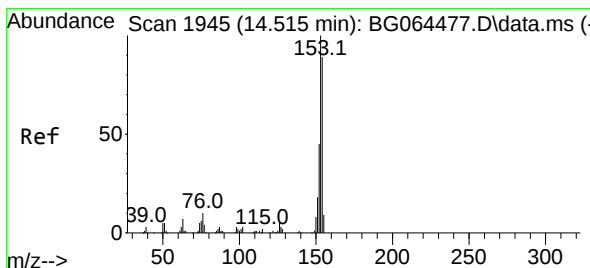
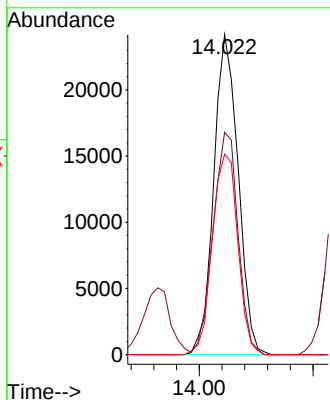
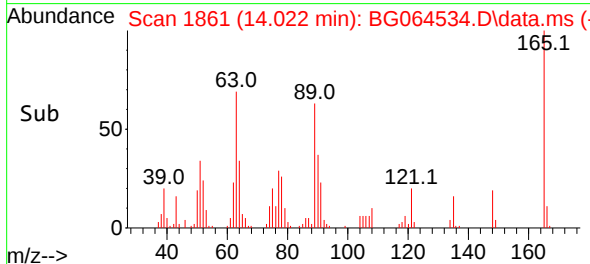
Instrument :
BNA_G
ClientSampleId :
PB170144BS



Tgt Ion:165 Resp: 35896
Ion Ratio Lower Upper
165 100
63 69.5 63.9 95.9
89 62.6 56.1 84.1

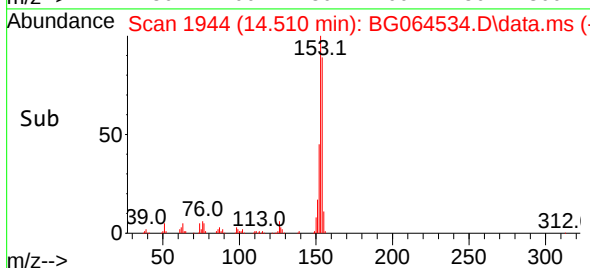
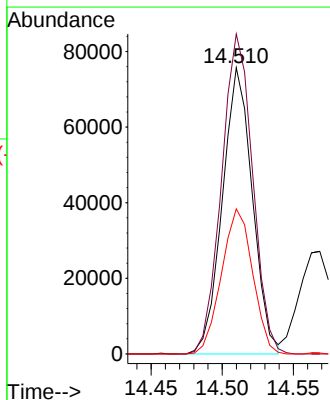
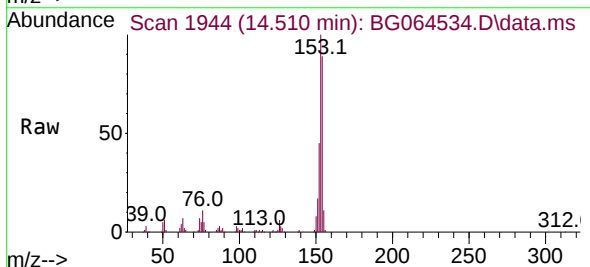
Manual Integrations
APPROVED

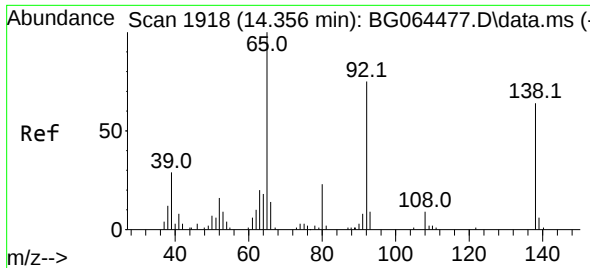
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#52
Acenaphthene
Concen: 42.340 ng
RT: 14.510 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

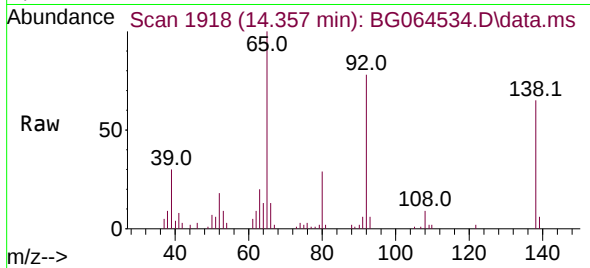
Tgt Ion:154 Resp: 111143
Ion Ratio Lower Upper
154 100
153 111.8 90.2 135.4
152 50.7 40.2 60.4





#53
3-Nitroaniline
Concen: 31.154 ng
RT: 14.357 min Scan# 1918
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

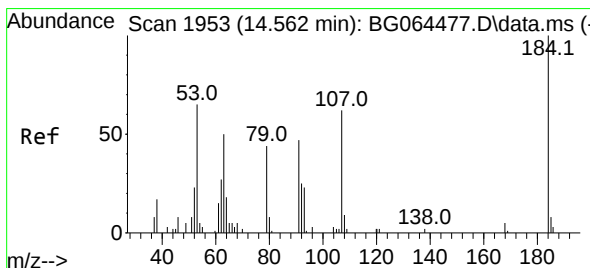
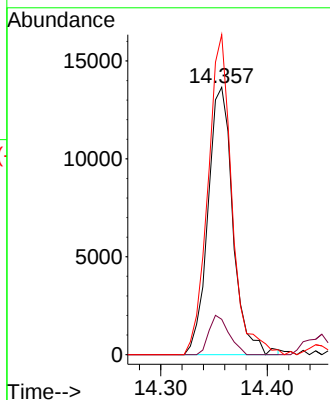
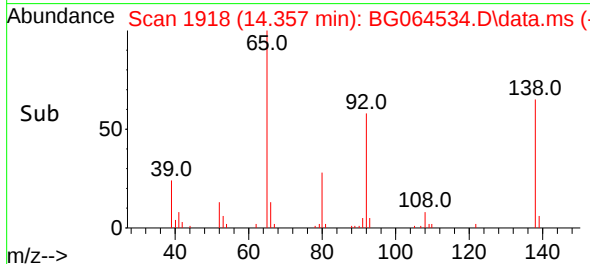
Instrument :
BNA_G
ClientSampleId :
PB170144BS



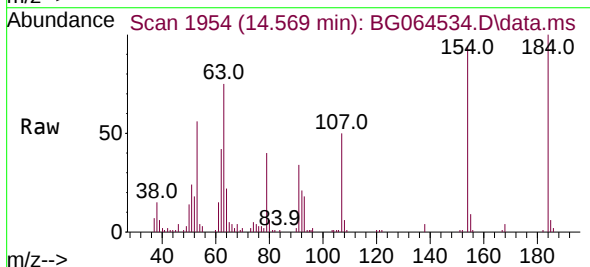
Tgt Ion:138 Resp: 22218
Ion Ratio Lower Upper
138 100
108 13.2 10.6 15.8
92 119.7 93.2 139.8

Manual Integrations
APPROVED

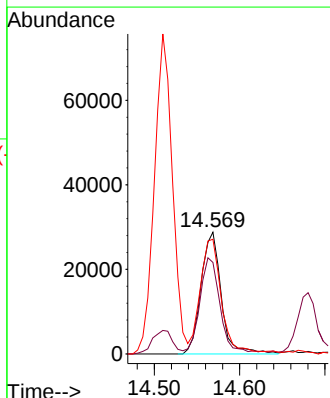
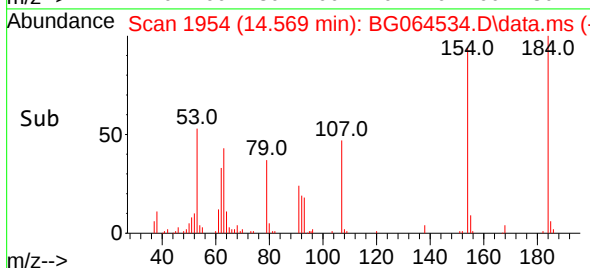
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

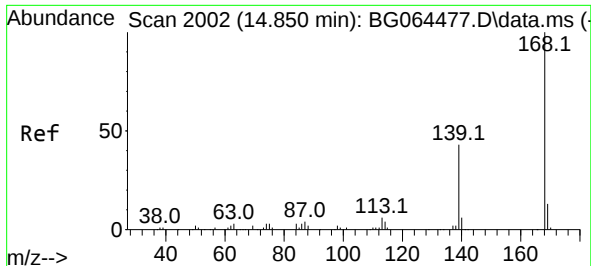


#54
2,4-Dinitrophenol
Concen: 84.445 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



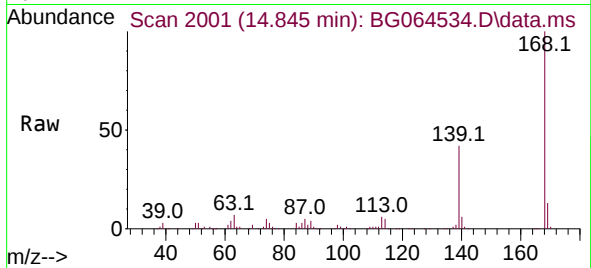
Tgt Ion:184 Resp: 47351
Ion Ratio Lower Upper
184 100
63 75.2 69.0 103.4
154 94.2 95.6 143.4#





#55
Dibenzofuran
Concen: 45.118 ng
RT: 14.845 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

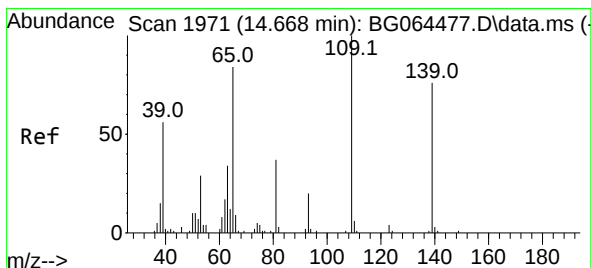
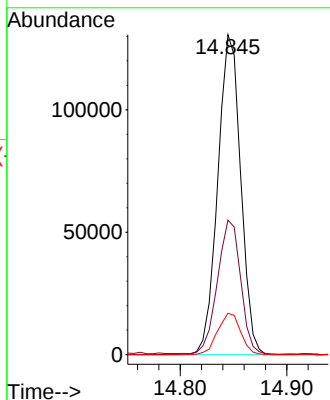
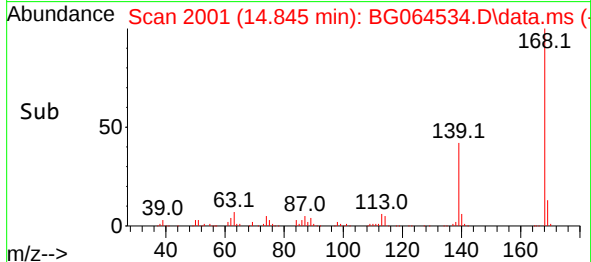
Instrument :
BNA_G
ClientSampleId :
PB170144BS



Tgt Ion:168 Resp: 195550
Ion Ratio Lower Upper
168 100
139 42.0 34.0 51.0
169 12.9 10.2 15.2

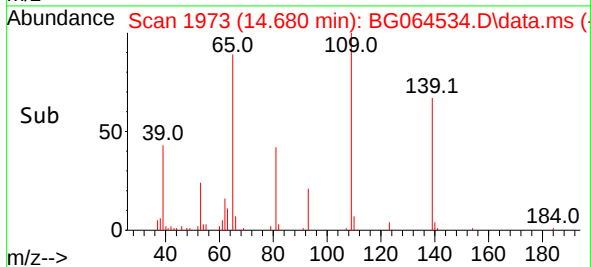
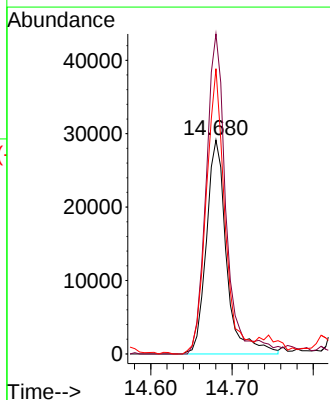
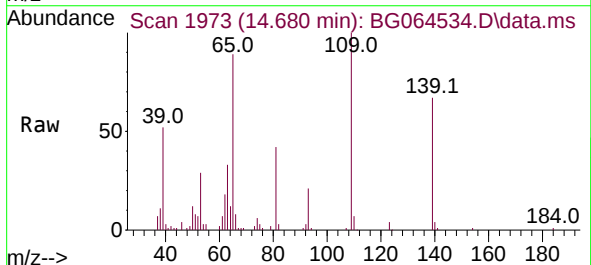
Manual Integrations
APPROVED

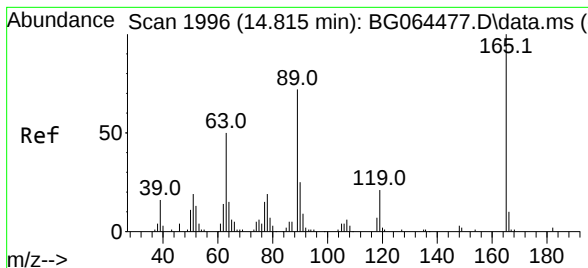
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#56
4-Nitrophenol
Concen: 89.566 ng
RT: 14.680 min Scan# 1973
Delta R.T. 0.015 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:139 Resp: 50291
Ion Ratio Lower Upper
139 100
109 149.7 111.8 151.8
65 133.4 91.1 131.1#





#57
2,4-Dinitrotoluene
Concen: 44.993 ng
RT: 14.815 min Scan# 1996
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

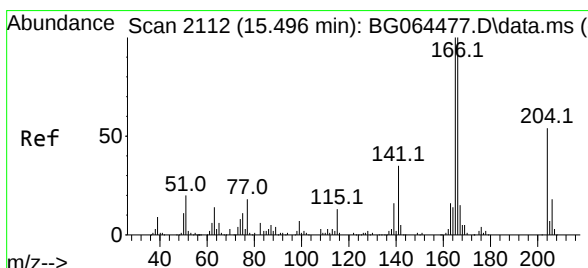
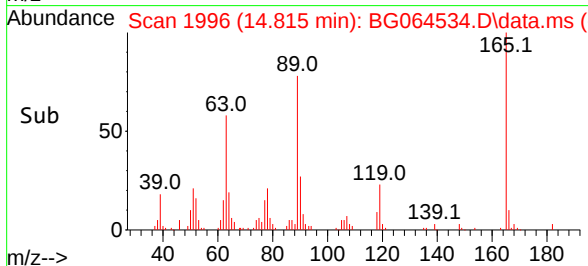
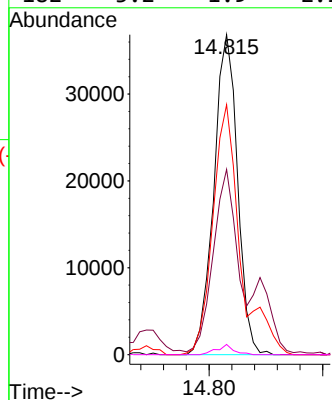
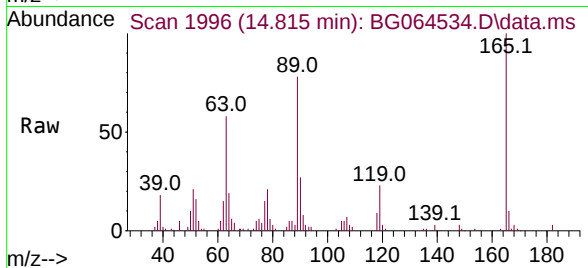
PB170144BS

Tgt Ion:165 Resp: 53188
Ion Ratio Lower Upper
165 100
63 57.9 40.4 60.6
89 78.1 57.3 85.9
182 3.2 1.9 2.9#

Manual Integrations

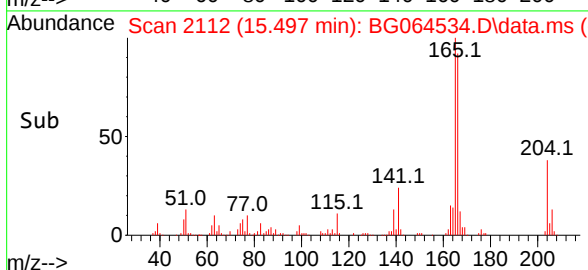
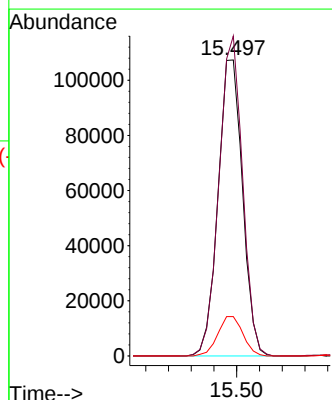
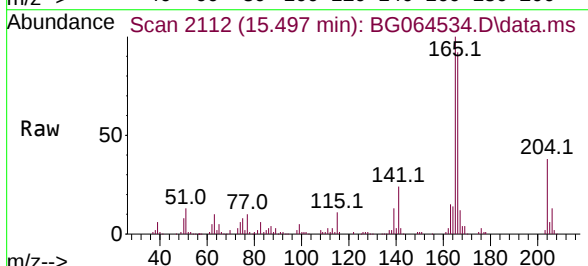
APPROVED

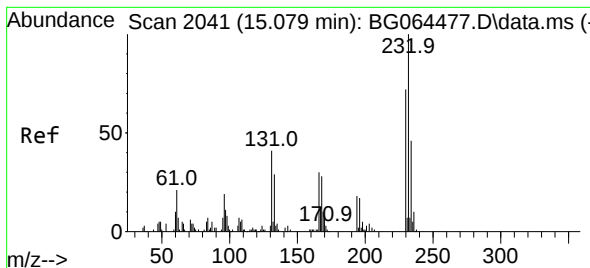
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#58
Fluorene
Concen: 44.551 ng
RT: 15.497 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:166 Resp: 160529
Ion Ratio Lower Upper
166 100
165 108.1 79.8 119.6
167 13.3 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.357 ng m
RT: 15.080 min Scan# 2041
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

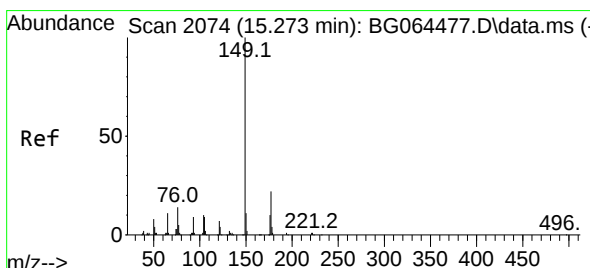
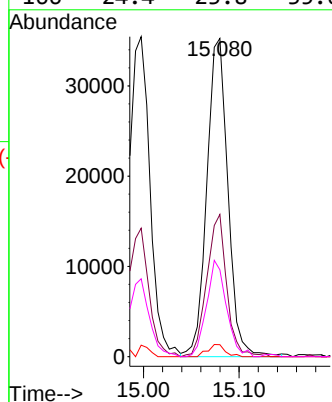
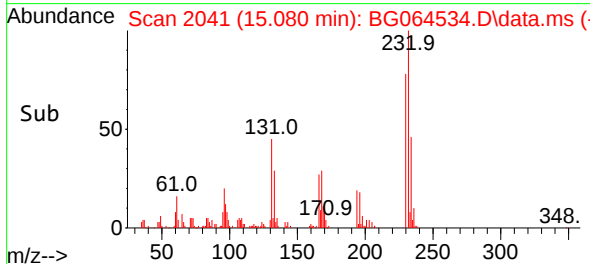
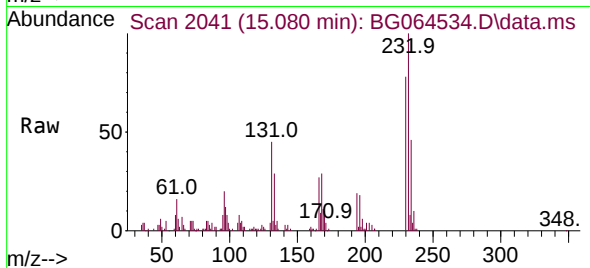
PB170144BS

Tgt Ion:232 Resp: 53902
Ion Ratio Lower Upper
232 100
131 39.6 35.0 52.4
130 2.3 2.0 3.0
166 24.4 23.8 35.6

Manual Integrations

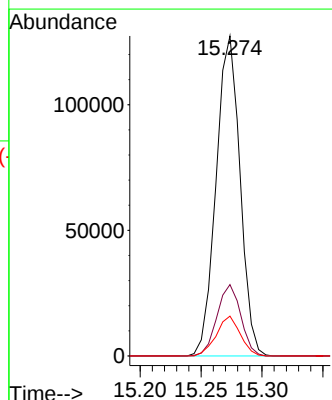
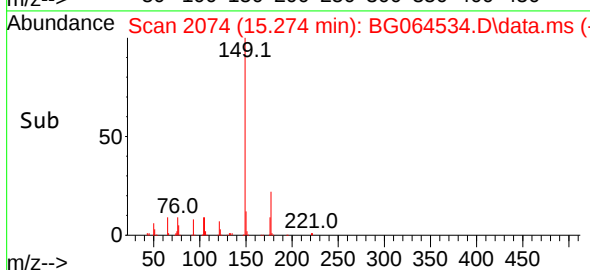
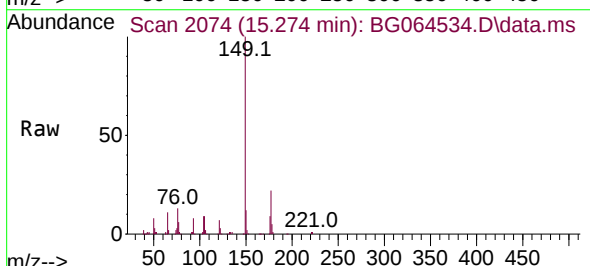
APPROVED

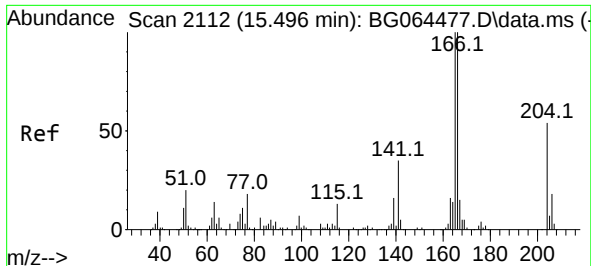
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#60
Diethylphthalate
Concen: 43.682 ng
RT: 15.274 min Scan# 2074
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:149 Resp: 173957
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.0
150 12.4 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 44.179 ng
RT: 15.491 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

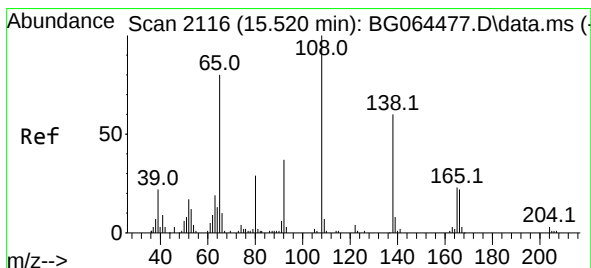
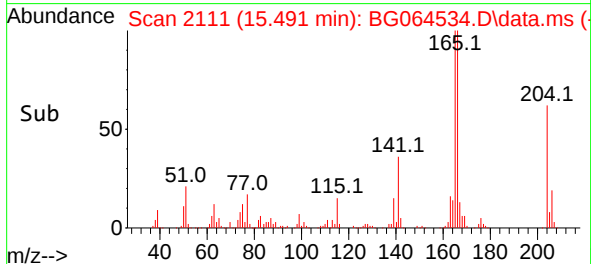
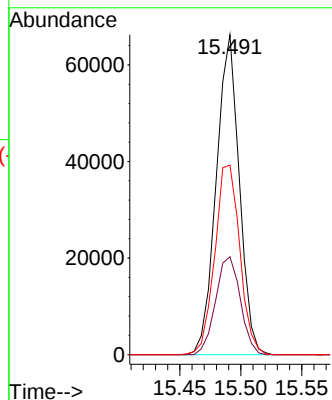
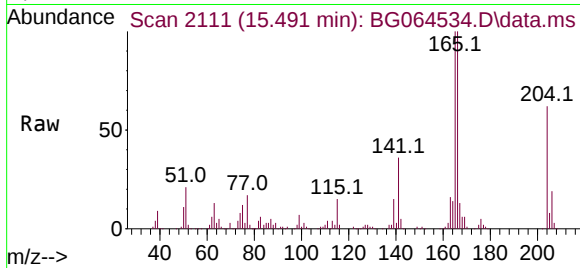
ClientSampleId :

PB170144BS

Tgt Ion:204 Resp: 8690
Ion Ratio Lower Upper
204 100
206 30.6 27.1 40.7
141 59.2 51.5 77.3

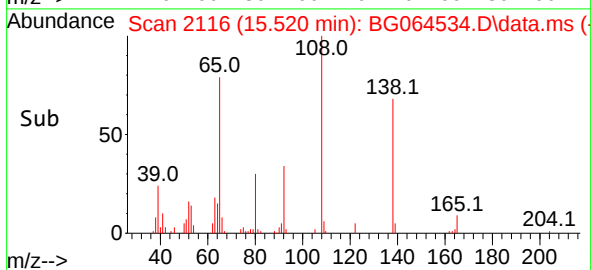
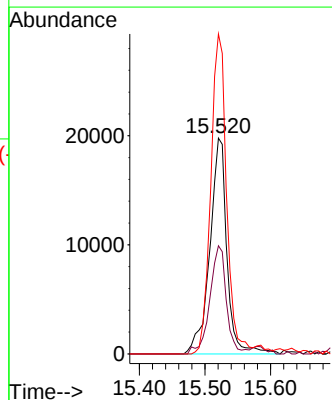
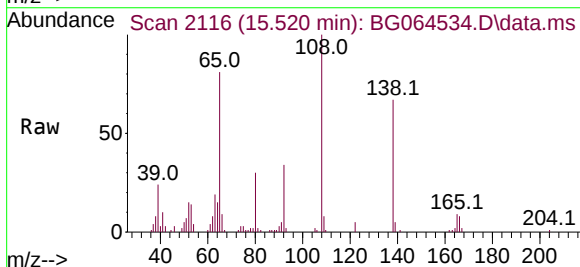
Manual Integrations
APPROVED

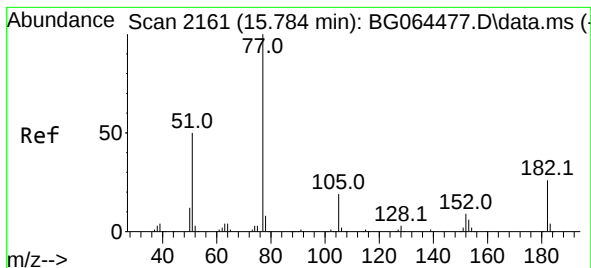
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#62
4-Nitroaniline
Concen: 48.352 ng
RT: 15.520 min Scan# 2116
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:138 Resp: 35941
Ion Ratio Lower Upper
138 100
92 50.1 42.3 82.3
108 148.3 147.7 187.7





#63

Azobenzene

Concen: 44.717 ng

RT: 15.785 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BG064534.D

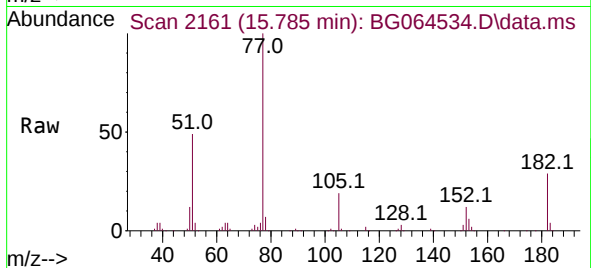
Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS



Tgt Ion: 77 Resp: 137914

Ion Ratio Lower Upper

77 100

182 28.6 6.3 46.3

105 18.9 0.0 38.7

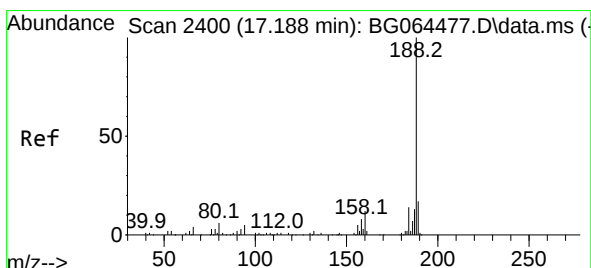
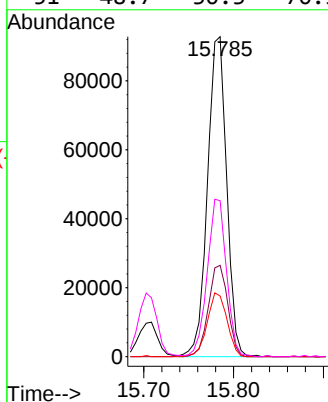
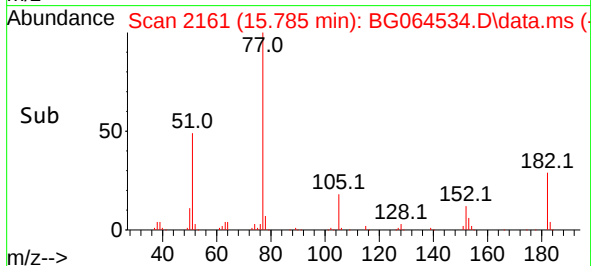
51 48.7 30.3 70.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

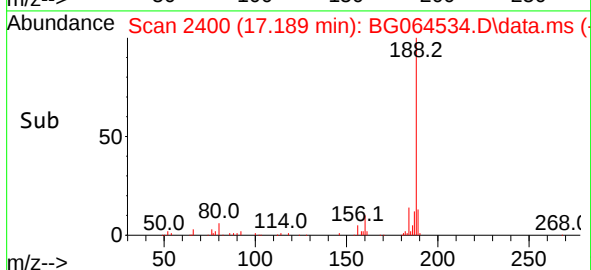
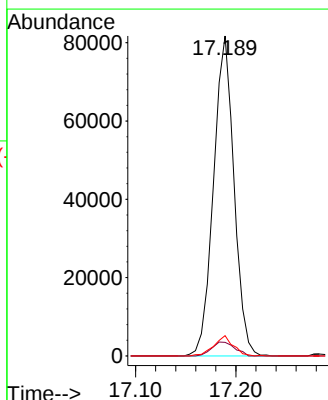
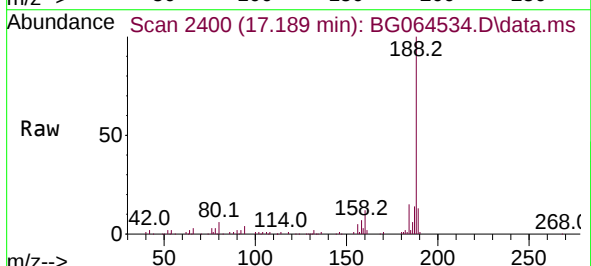
Tgt Ion:188 Resp: 115978

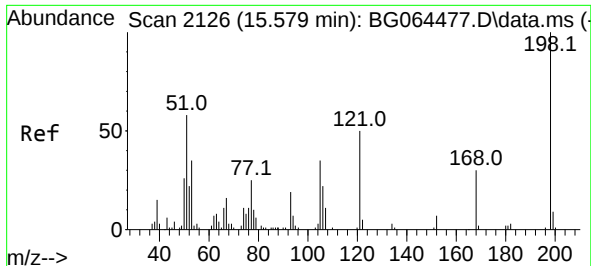
Ion Ratio Lower Upper

188 100

94 4.2 3.7 5.5

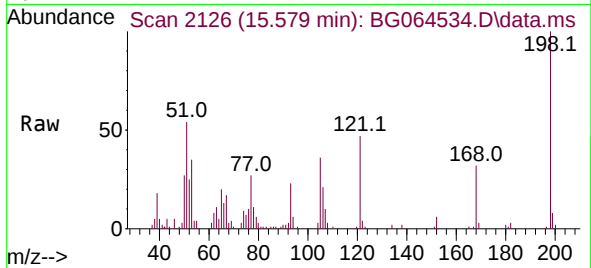
80 6.4 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 47.703 ng
RT: 15.579 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

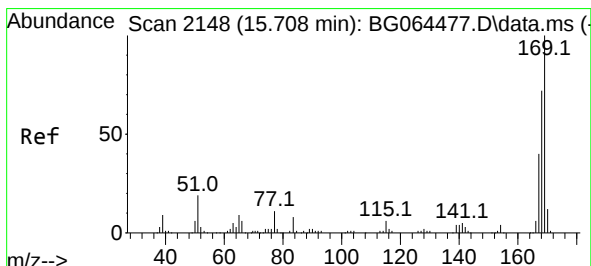
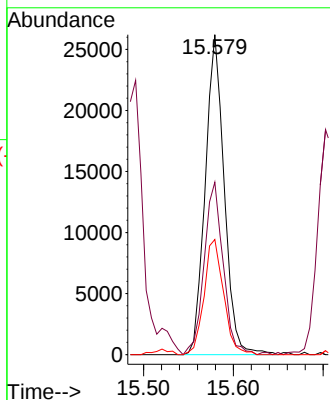
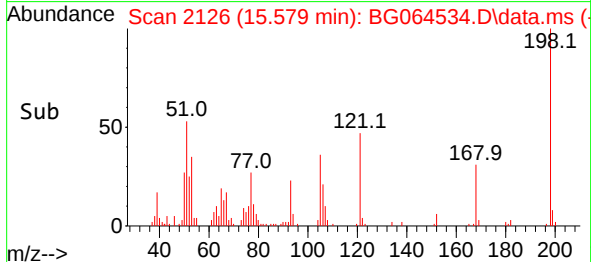
Instrument :
BNA_G
ClientSampleId :
PB170144BS



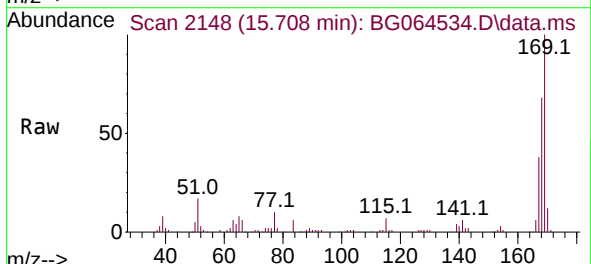
Tgt Ion:198 Resp: 38521
Ion Ratio Lower Upper
198 100
51 53.9 39.0 79.0
105 36.0 15.8 55.8

Manual Integrations
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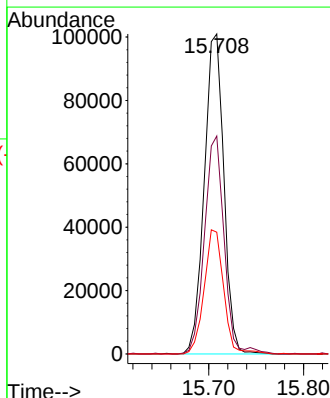
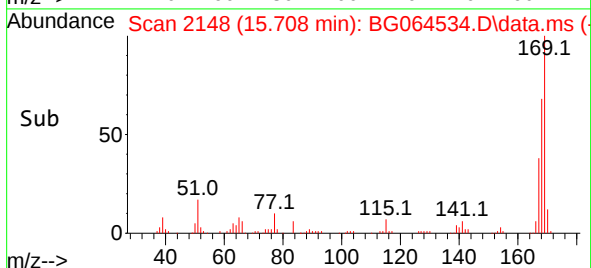
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

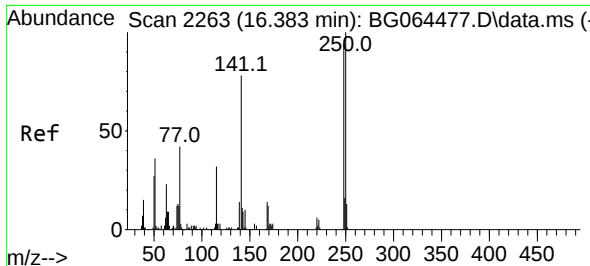


#66
n-Nitrosodiphenylamine
Concen: 46.746 ng
RT: 15.708 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



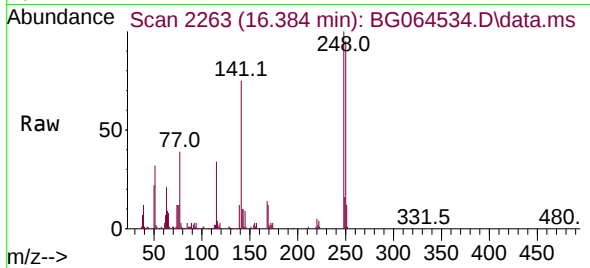
Tgt Ion:169 Resp: 144777
Ion Ratio Lower Upper
169 100
168 68.1 57.8 86.6
167 38.0 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 45.504 ng
RT: 16.384 min Scan# 2263
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

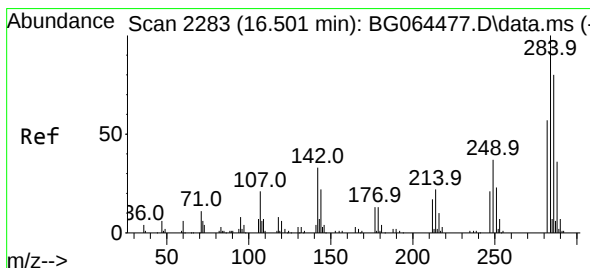
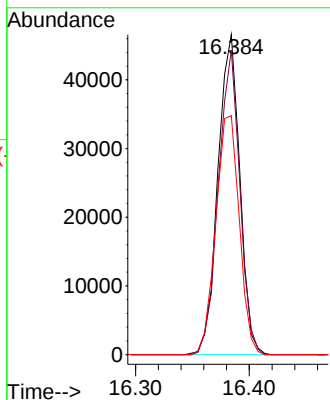
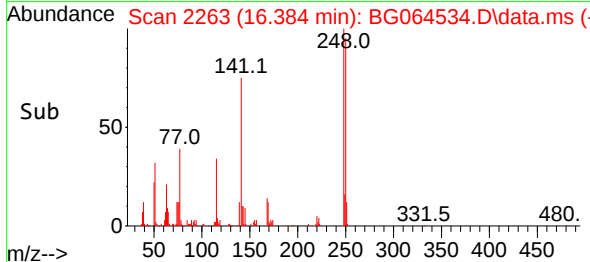
Instrument :
BNA_G
ClientSampleId :
PB170144BS



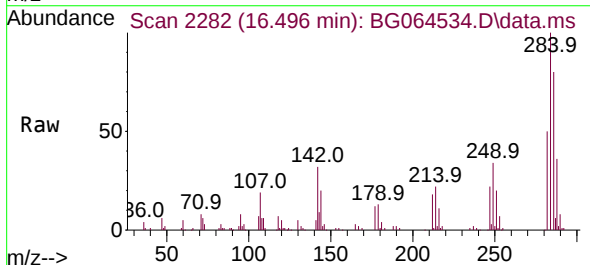
Tgt Ion:248 Resp: 62103
Ion Ratio Lower Upper
248 100
250 95.2 85.3 127.9
141 74.7 66.2 99.2

Manual Integrations
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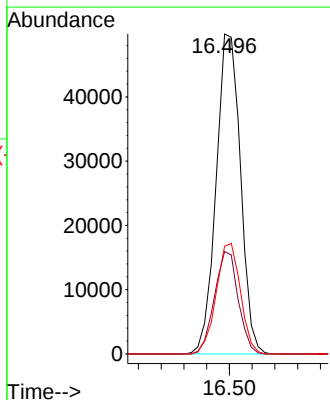
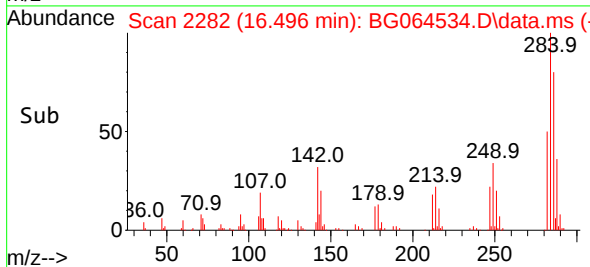
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

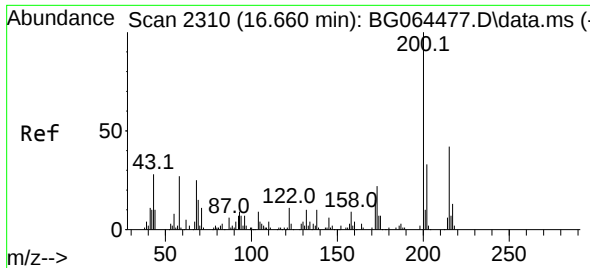


#68
Hexachlorobenzene
Concen: 47.242 ng
RT: 16.496 min Scan# 2282
Delta R.T. -0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



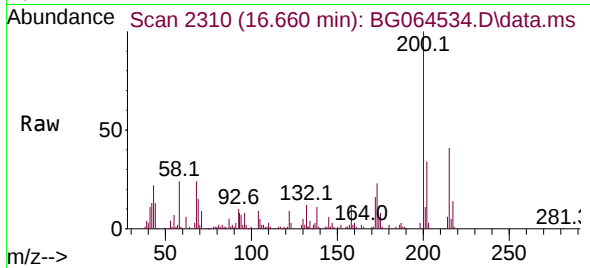
Tgt Ion:284 Resp: 73779
Ion Ratio Lower Upper
284 100
142 32.0 26.2 39.2
249 33.6 29.4 44.0





#69
 Atrazine
 Concen: 47.860 ng
 RT: 16.660 min Scan# 2310
 Delta R.T. 0.009 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43

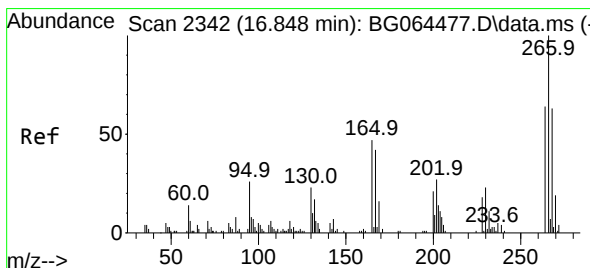
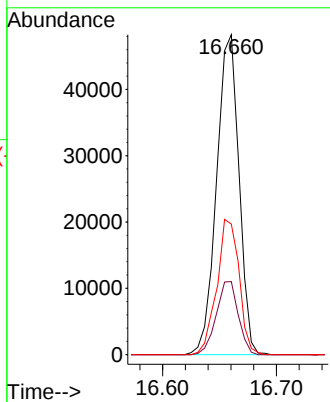
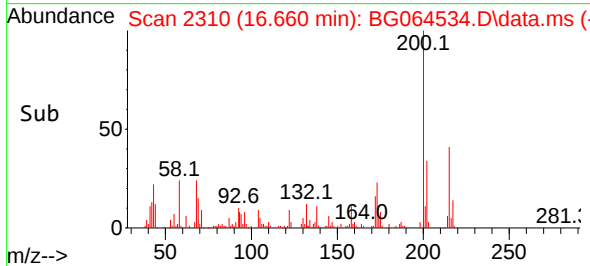
Instrument :
 BNA_G
 ClientSampleId :
 PB170144BS



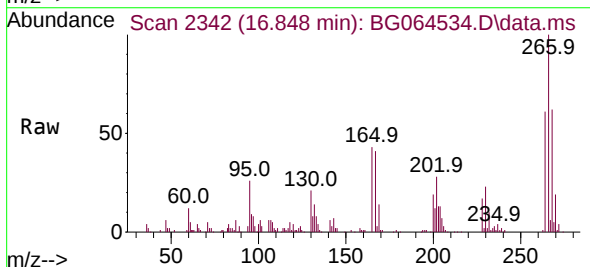
Tgt Ion:200 Resp: 65947
 Ion Ratio Lower Upper
 200 100
 173 22.8 2.5 42.5
 215 40.8 21.5 61.5

Manual Integrations
 APPROVED

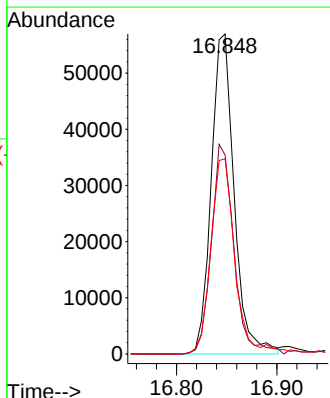
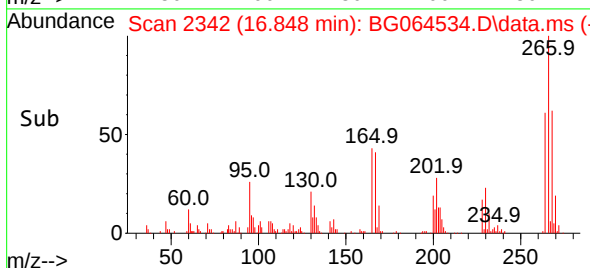
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

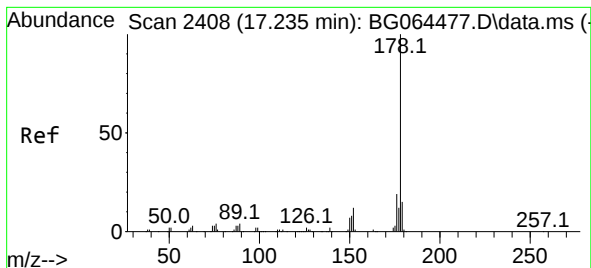


#70
 Pentachlorophenol
 Concen: 98.765 ng
 RT: 16.848 min Scan# 2342
 Delta R.T. 0.003 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43



Tgt Ion:266 Resp: 90184
 Ion Ratio Lower Upper
 266 100
 268 62.1 50.6 75.8
 264 61.0 51.2 76.8





#71

Phenanthrene

Concen: 45.596 ng

RT: 17.230 min Scan# 2407

Delta R.T. 0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

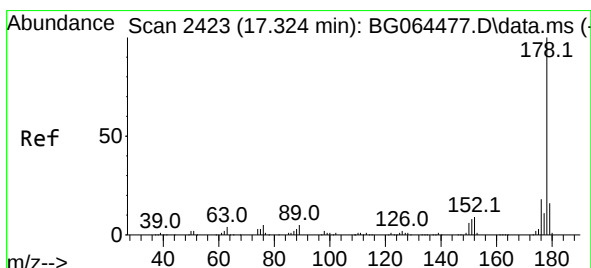
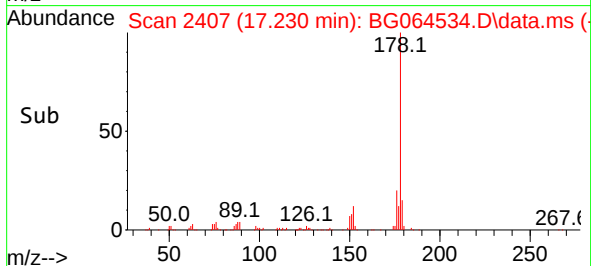
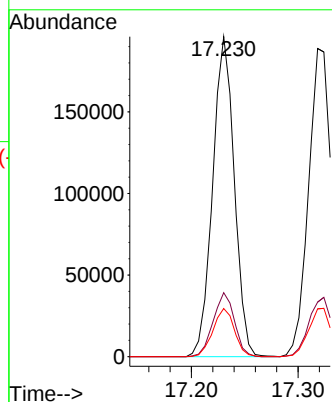
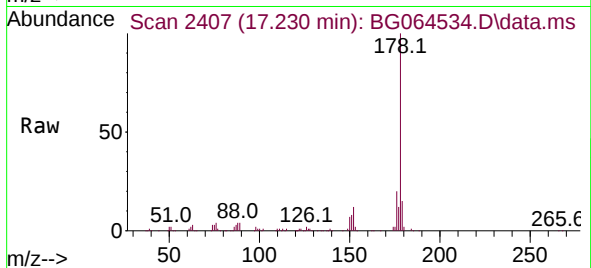
PB170144BS

Tgt Ion:178 Resp: 276547
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.2 22.8
 179 15.0 11.8 17.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025



#72

Anthracene

Concen: 46.852 ng

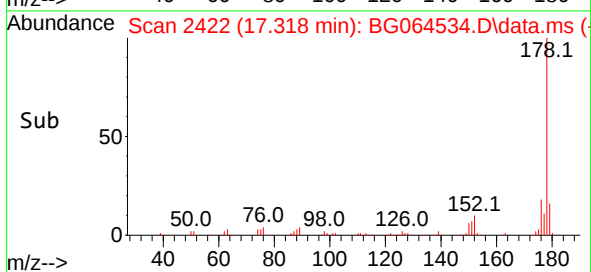
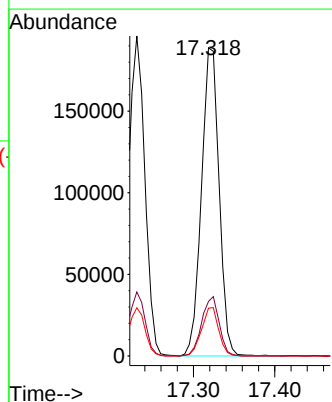
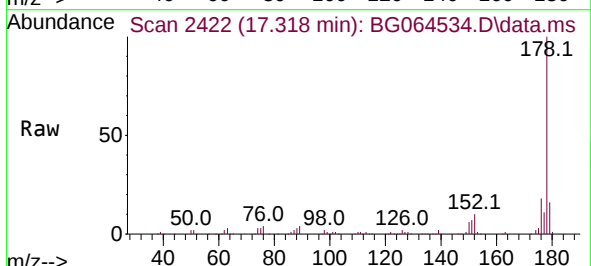
RT: 17.318 min Scan# 2422

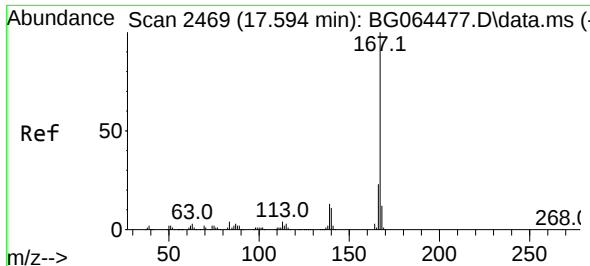
Delta R.T. -0.003 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

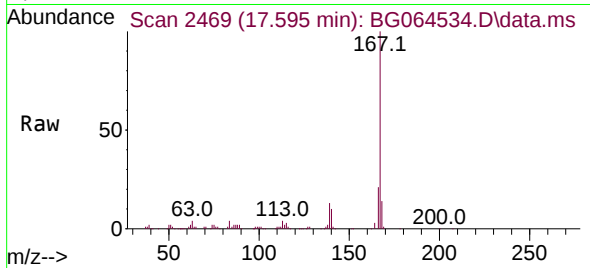
Tgt Ion:178 Resp: 285078
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.6 21.8
 179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 46.815 ng
 RT: 17.595 min Scan# 2469
 Delta R.T. 0.003 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43

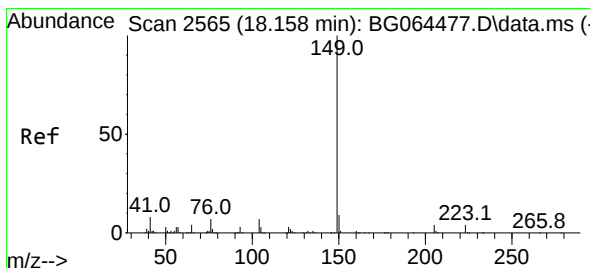
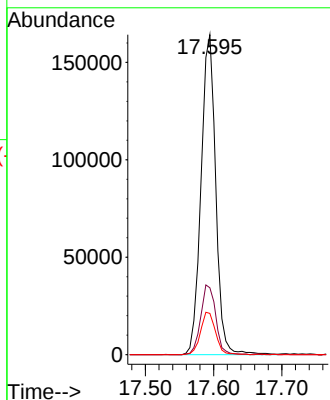
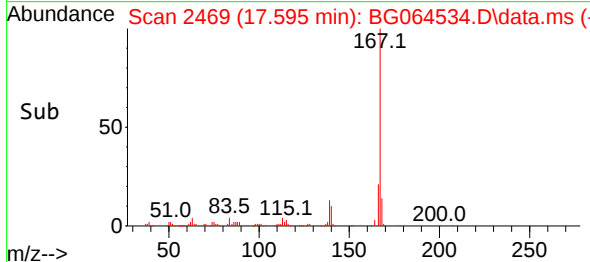
Instrument :
 BNA_G
 ClientSampleId :
 PB170144BS



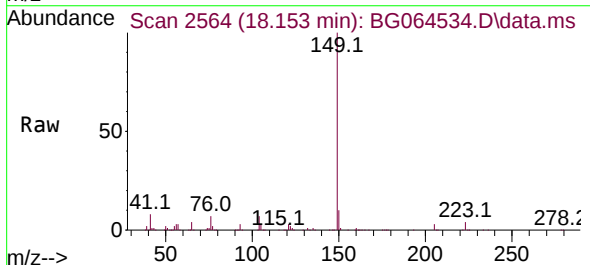
Tgt Ion:167 Resp: 246218
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.6 27.8
 139 12.9 10.2 15.4

Manual Integrations
 APPROVED

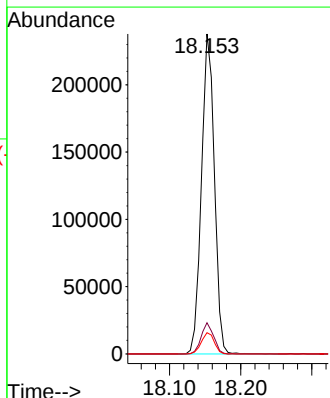
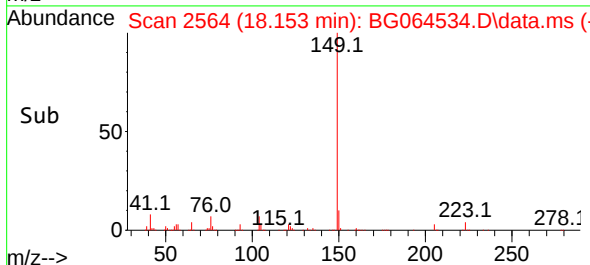
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

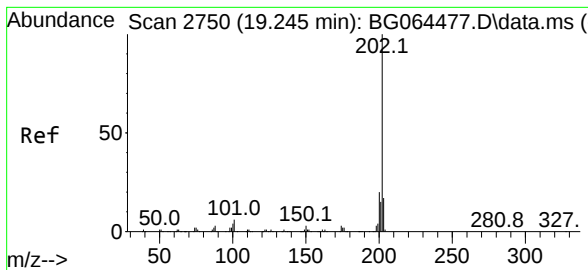


#74
 Di-n-butylphthalate
 Concen: 46.409 ng
 RT: 18.153 min Scan# 2564
 Delta R.T. -0.003 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43



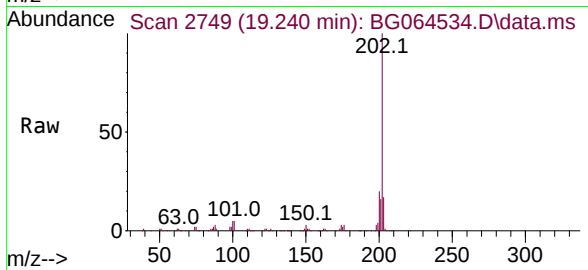
Tgt Ion:149 Resp: 297960
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 6.6 5.3 7.9





#75
Fluoranthene
Concen: 47.214 ng
RT: 19.240 min Scan# 2750
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

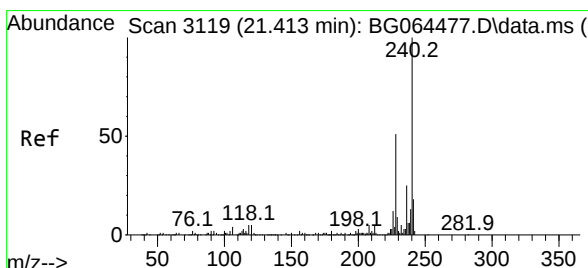
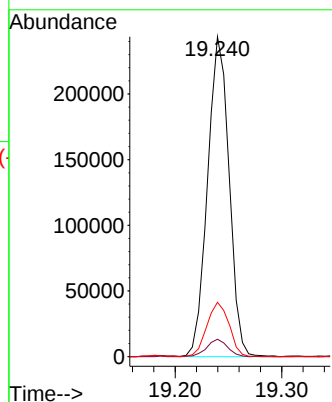
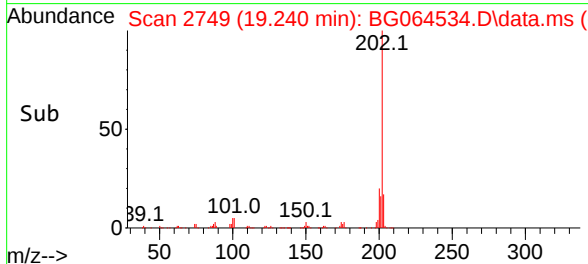
Instrument :
BNA_G
ClientSampleId :
PB170144BS



Tgt Ion:202 Resp: 342100
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.7
203 17.0 0.0 36.6

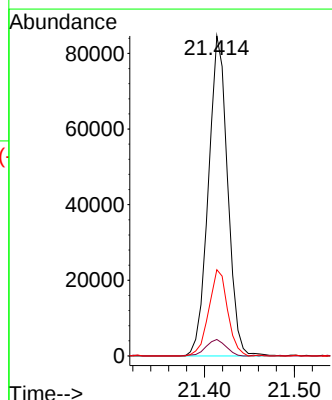
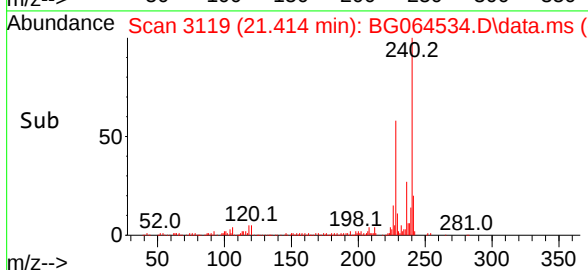
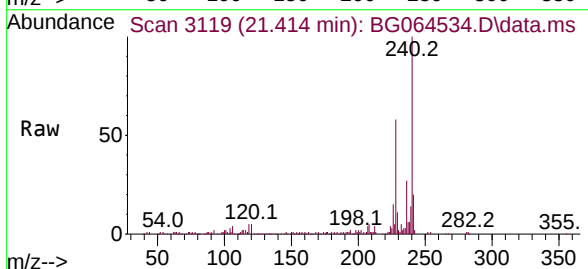
Manual Integrations
APPROVED

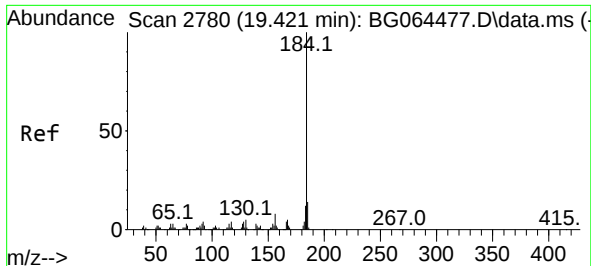
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

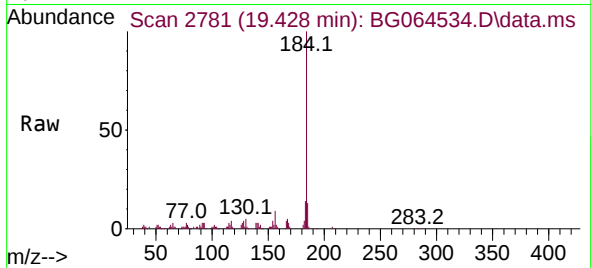
Tgt Ion:240 Resp: 125702
Ion Ratio Lower Upper
240 100
120 5.1 4.3 6.5
236 26.9 20.4 30.6





#77
Benzidine
Concen: 30.622 ng
RT: 19.428 min Scan# 2780
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

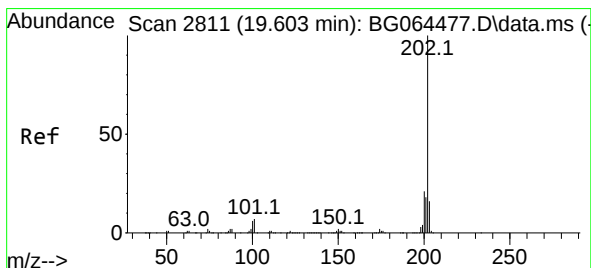
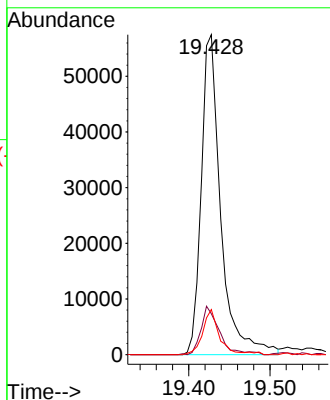
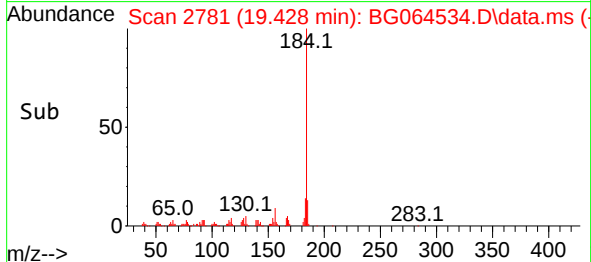
Instrument :
BNA_G
ClientSampleId :
PB170144BS



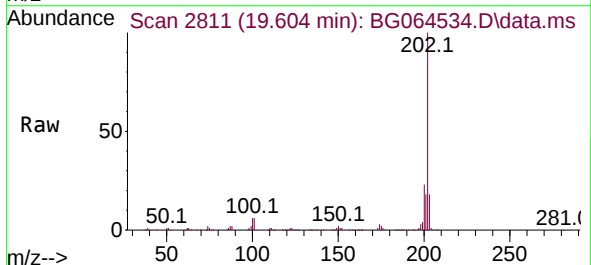
Tgt Ion:184 Resp: 95783
Ion Ratio Lower Upper
184 100
185 12.8 10.9 16.3
183 14.1 9.8 14.6

Manual Integrations
APPROVED

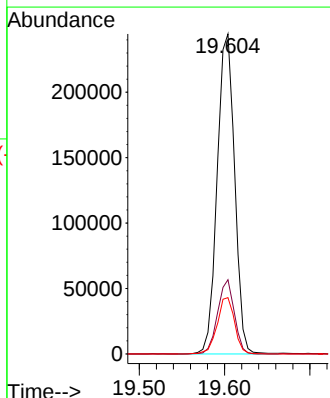
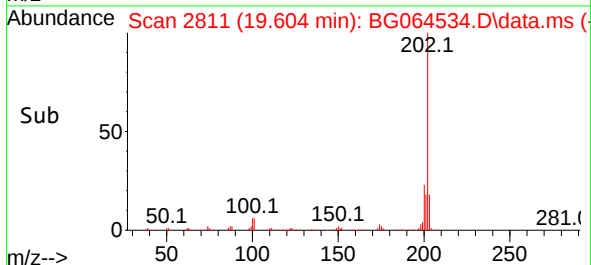
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

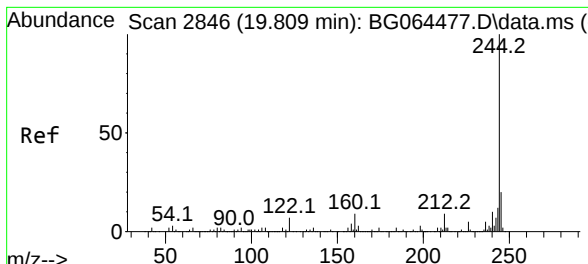


#78
Pyrene
Concen: 42.572 ng
RT: 19.604 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



Tgt Ion:202 Resp: 347286
Ion Ratio Lower Upper
202 100
200 23.2 17.0 25.4
203 17.6 13.0 19.4





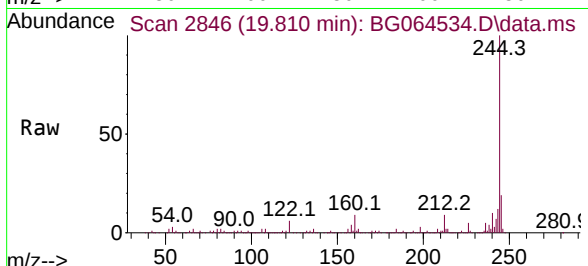
#79
 Terphenyl-d14
 Concen: 85.176 ng
 RT: 19.810 min Scan# 2846
 Delta R.T. 0.003 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

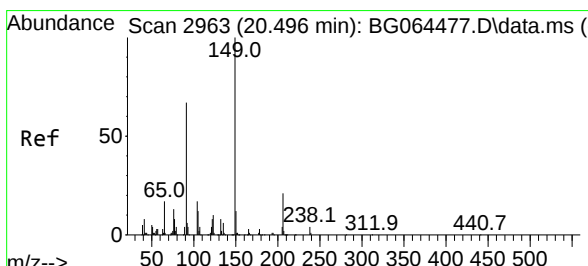
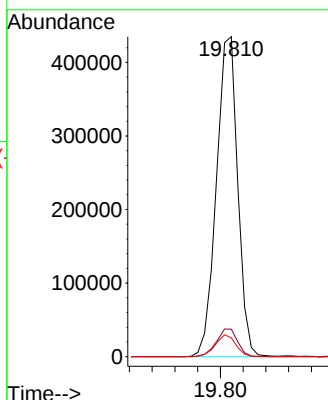
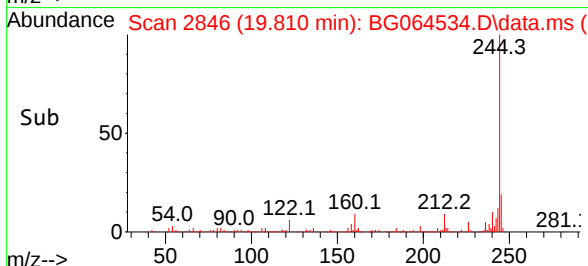


Tgt Ion:244 Resp: 56575
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 5.9 5.6 8.4

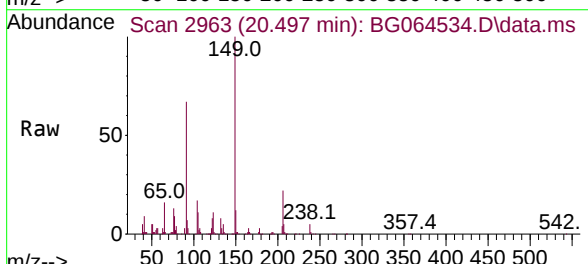
Manual Integrations

APPROVED

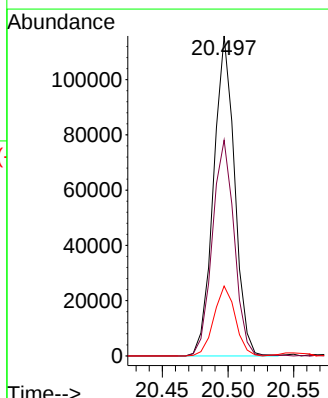
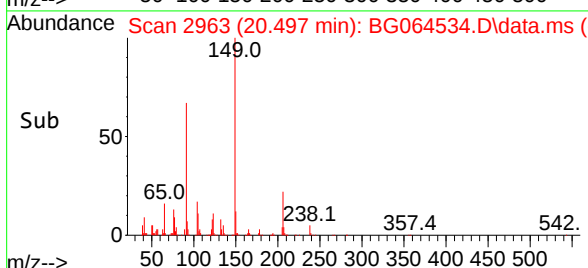
Reviewed By :Rahul Chavli 10/20/2025
 Supervised By :Jagrut Upadhyay 10/20/2025

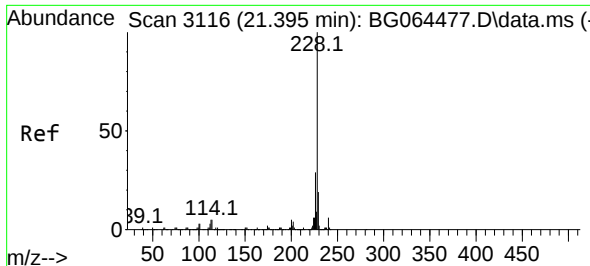


#80
 Butylbenzylphthalate
 Concen: 44.661 ng
 RT: 20.497 min Scan# 2963
 Delta R.T. -0.003 min
 Lab File: BG064534.D
 Acq: 17 Oct 2025 13:43



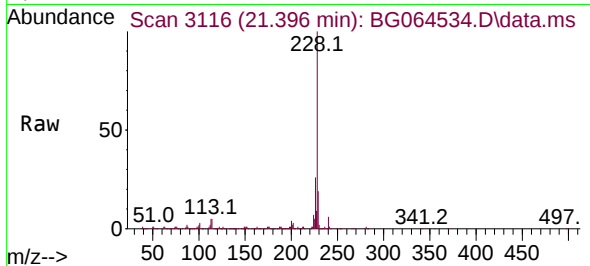
Tgt Ion:149 Resp: 129152
 Ion Ratio Lower Upper
 149 100
 91 67.4 53.7 80.5
 206 21.8 16.6 24.8





#81
Benzo(a)anthracene
Concen: 45.221 ng
RT: 21.396 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

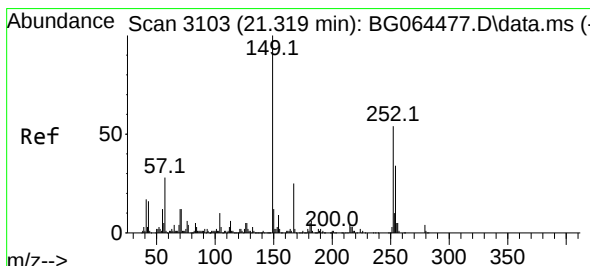
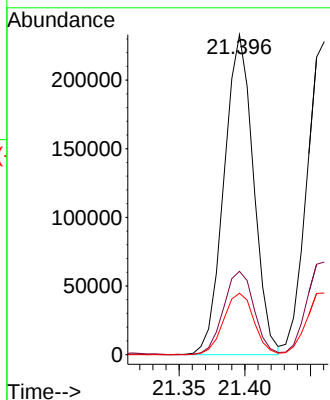
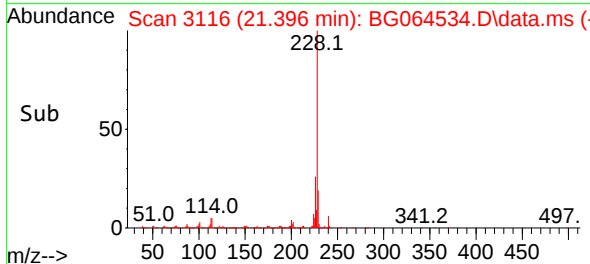
Instrument :
BNA_G
ClientSampleId :
PB170144BS



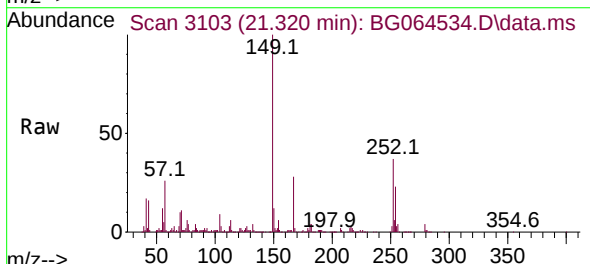
Tgt Ion:228 Resp: 362947
Ion Ratio Lower Upper
228 100
226 26.0 22.8 34.2
229 19.2 15.2 22.8

Manual Integrations
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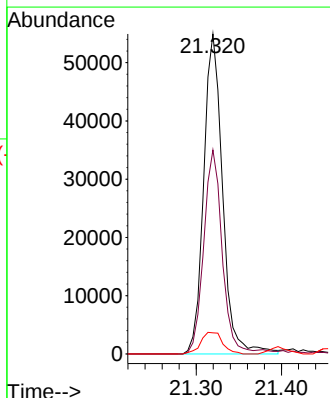
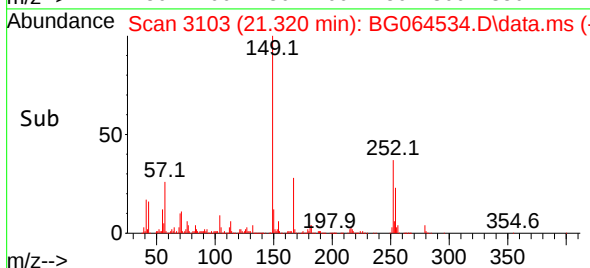
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

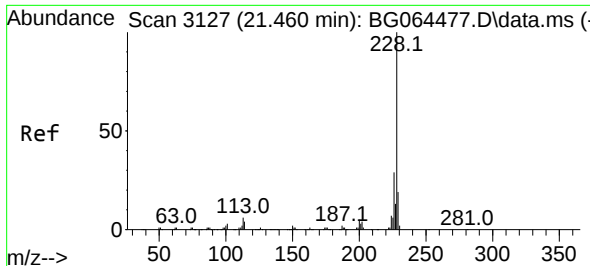


#82
3,3'-Dichlorobenzidine
Concen: 31.093 ng
RT: 21.320 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



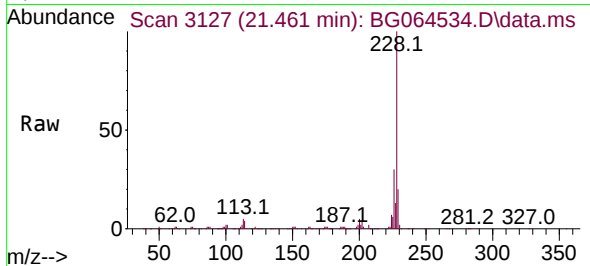
Tgt Ion:252 Resp: 84466
Ion Ratio Lower Upper
252 100
254 63.7 50.5 75.7
126 6.6 7.1 10.7





#83
Chrysene
Concen: 44.965 ng
RT: 21.461 min Scan# 3127
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

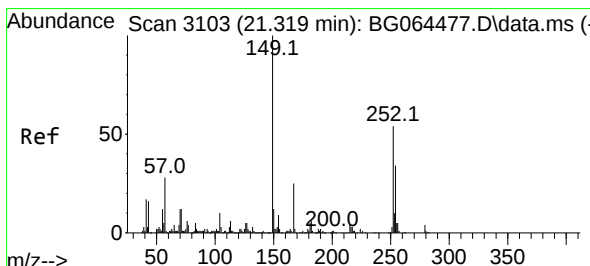
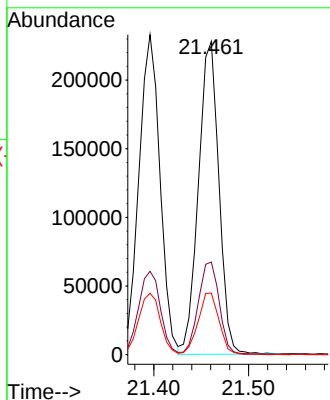
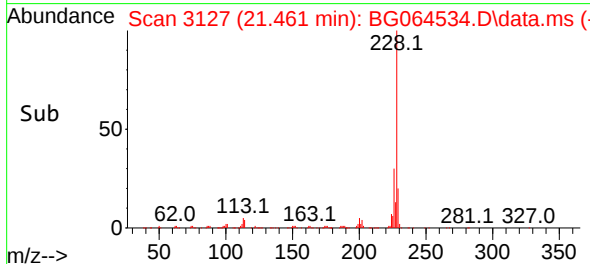
Instrument :
BNA_G
ClientSampleId :
PB170144BS



Tgt Ion:228 Resp: 342262
Ion Ratio Lower Upper
228 100
226 29.6 22.8 34.2
229 19.6 15.4 23.0

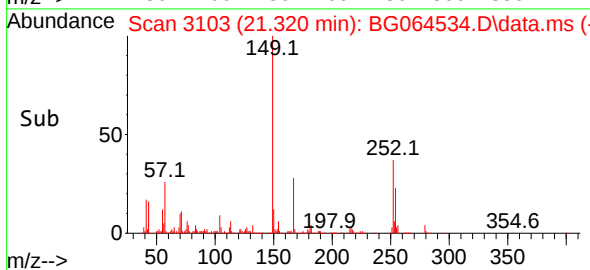
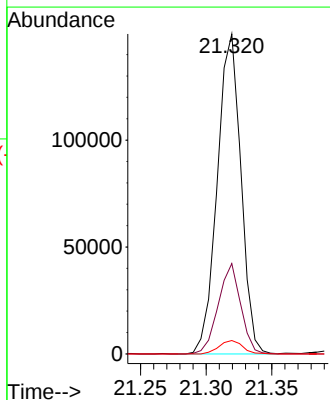
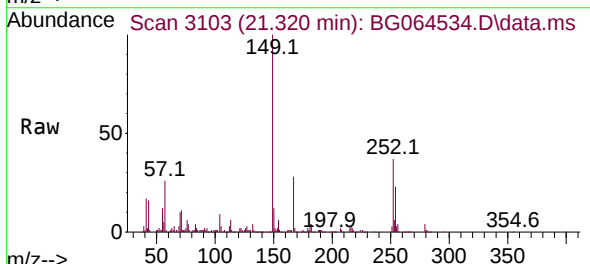
Manual Integrations
APPROVED

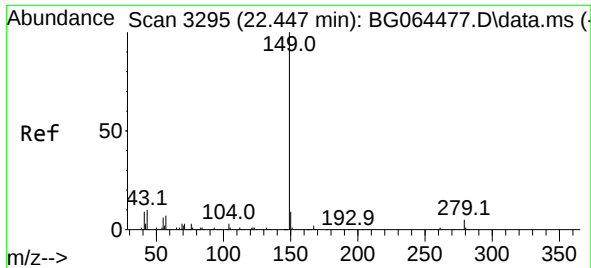
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.057 ng
RT: 21.320 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

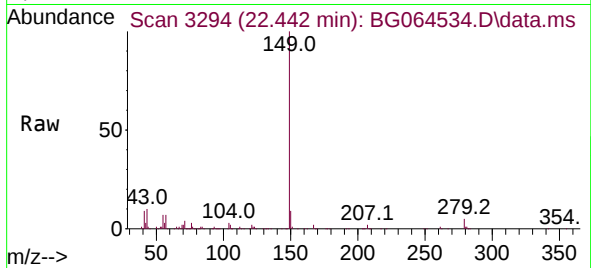
Tgt Ion:149 Resp: 187922
Ion Ratio Lower Upper
149 100
167 28.2 19.7 29.5
279 4.2 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 46.441 ng
RT: 22.442 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

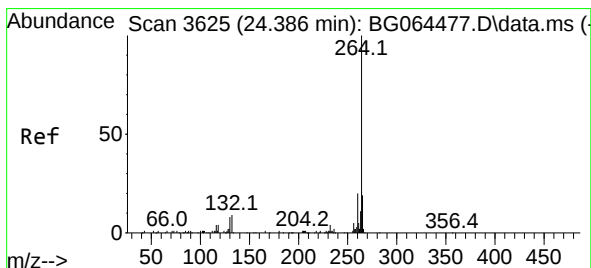
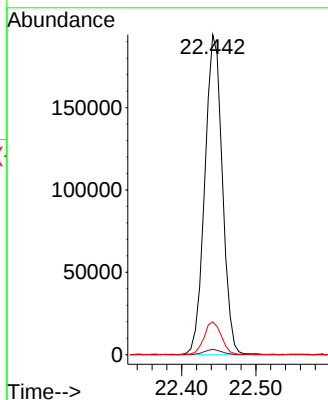
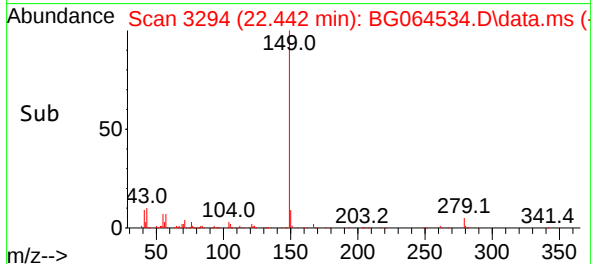
Instrument :
BNA_G
ClientSampleId :
PB170144BS



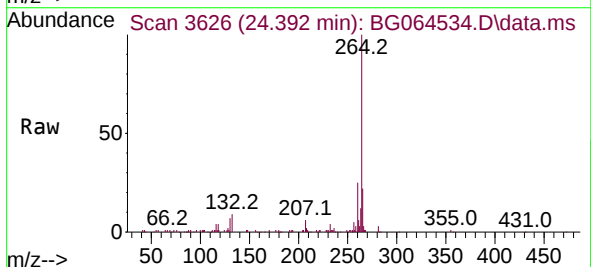
Tgt Ion:149 Resp: 318462
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.2 7.9 11.9

Manual Integrations
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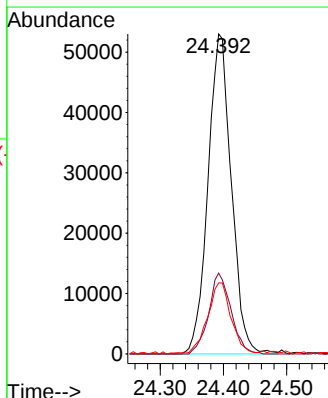
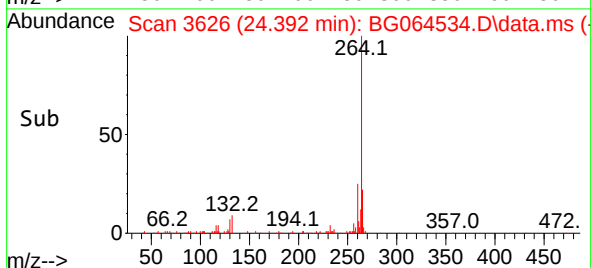
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025

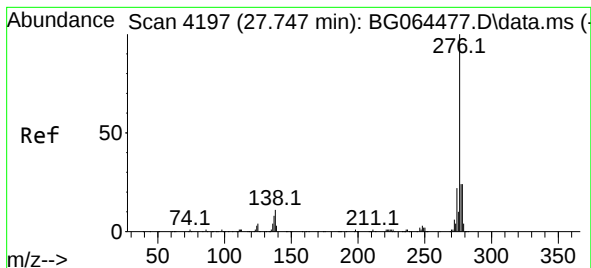


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.392 min Scan# 3626
Delta R.T. 0.003 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43



Tgt Ion:264 Resp: 135853
Ion Ratio Lower Upper
264 100
260 25.2 16.2 24.4#
265 22.2 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.081 ng

RT: 27.759 min Scan# 4199

Delta R.T. 0.027 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

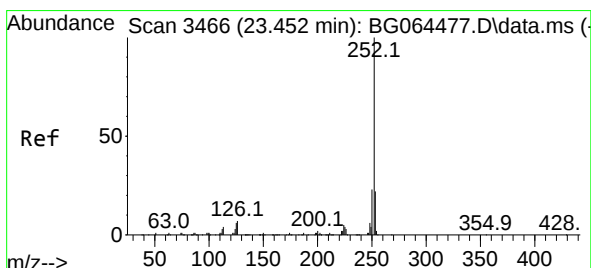
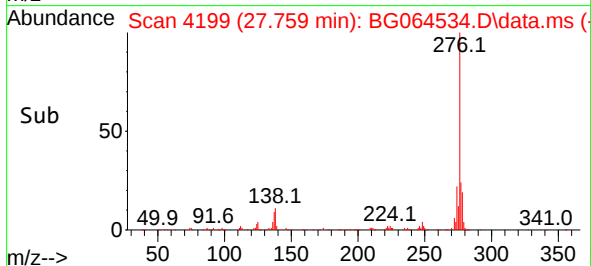
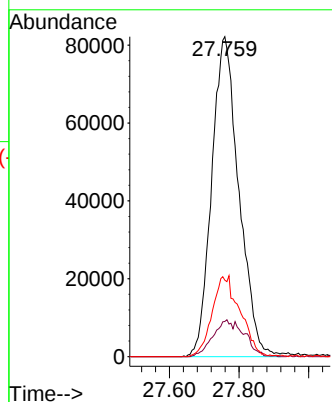
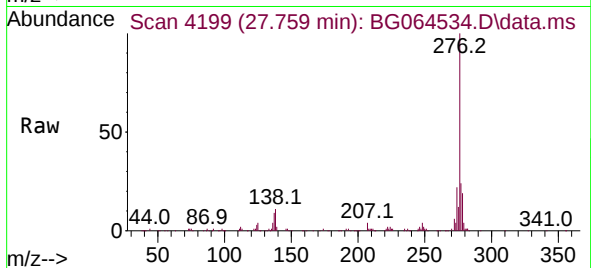
Tgt Ion:276 Resp: 445204
 Ion Ratio Lower Upper
 276 100
 138 8.1 10.8 16.2
 277 25.9 20.3 30.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#88

Benzo(b)fluoranthene

Concen: 47.209 ng

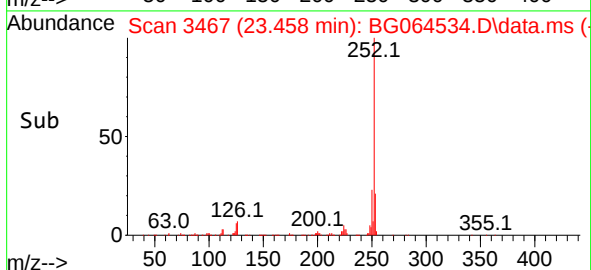
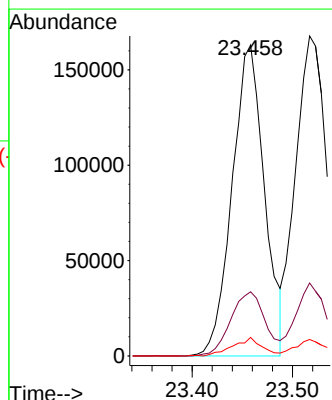
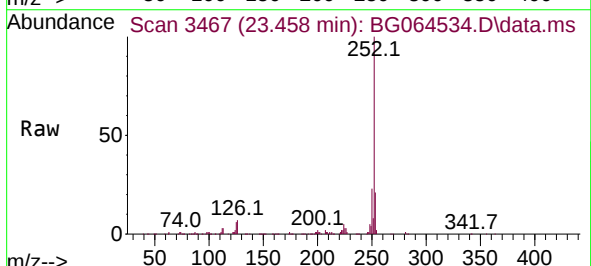
RT: 23.458 min Scan# 3467

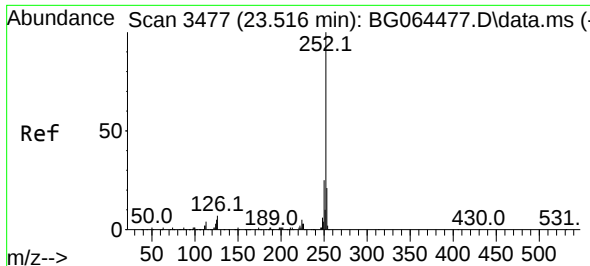
Delta R.T. 0.009 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Tgt Ion:252 Resp: 364867
 Ion Ratio Lower Upper
 252 100
 253 20.6 17.5 26.3
 125 6.0 4.5 6.7





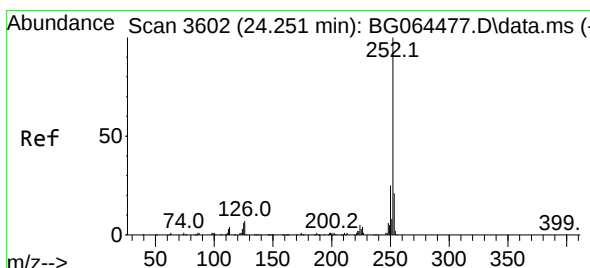
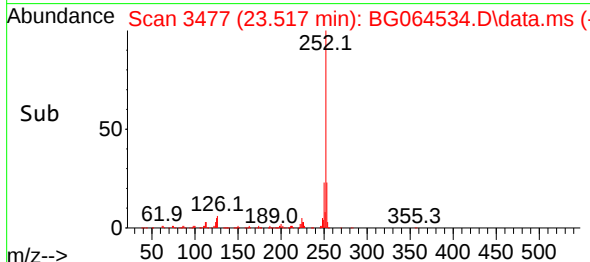
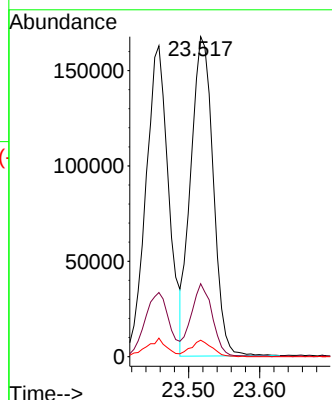
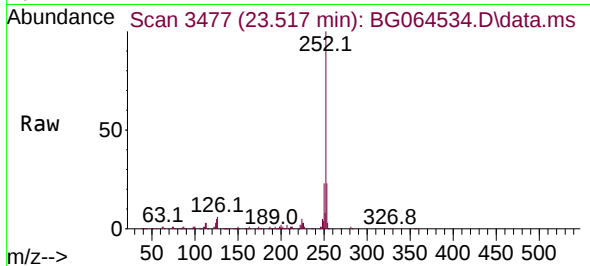
#89
Benzo(k)fluoranthene
Concen: 47.224 ng
RT: 23.517 min Scan# 3477
Delta R.T. 0.009 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Instrument :
BNA_G
ClientSampleId :
PB170144BS

Tgt Ion:252 Resp: 367590
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 5.1 4.0 6.0

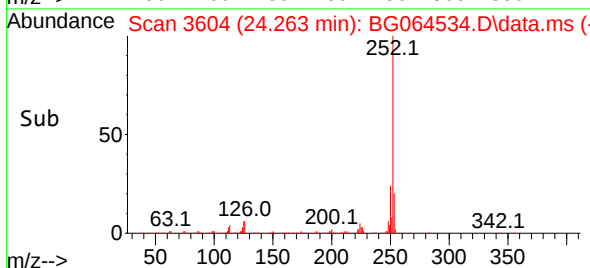
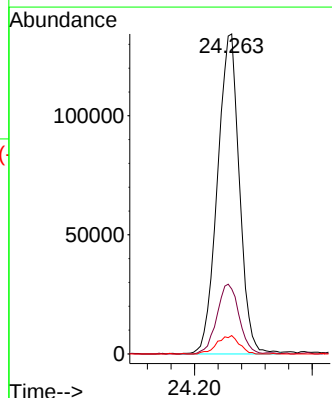
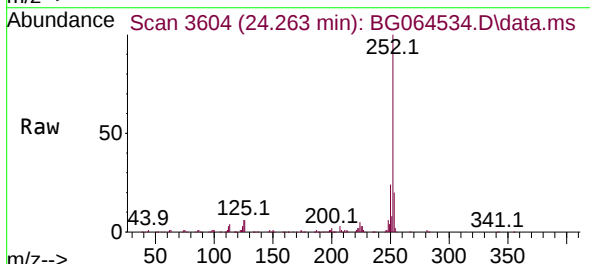
Manual Integrations
APPROVED

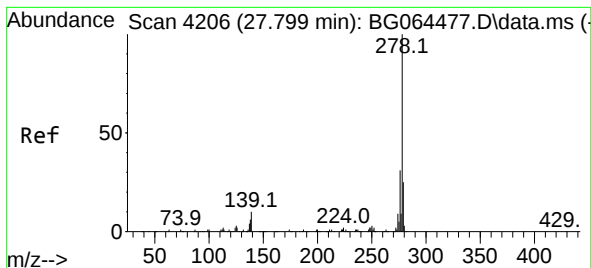
Reviewed By :Rahul Chavli 10/20/2025
Supervised By :Jagrut Upadhyay 10/20/2025



#90
Benzo(a)pyrene
Concen: 48.777 ng
RT: 24.263 min Scan# 3604
Delta R.T. 0.015 min
Lab File: BG064534.D
Acq: 17 Oct 2025 13:43

Tgt Ion:252 Resp: 347442
Ion Ratio Lower Upper
252 100
253 20.3 17.1 25.7
125 5.8 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 47.813 ng

RT: 27.806 min Scan# 41

Delta R.T. 0.027 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Instrument :

BNA_G

ClientSampleId :

PB170144BS

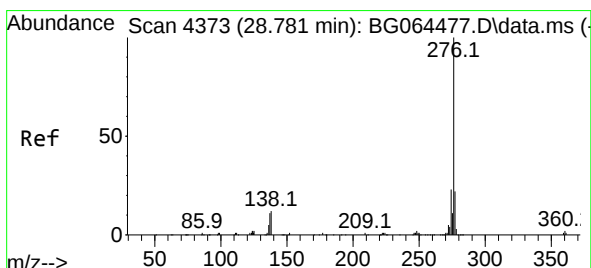
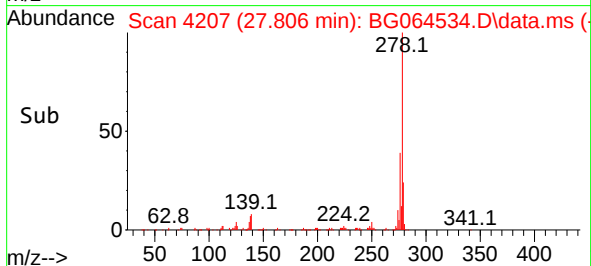
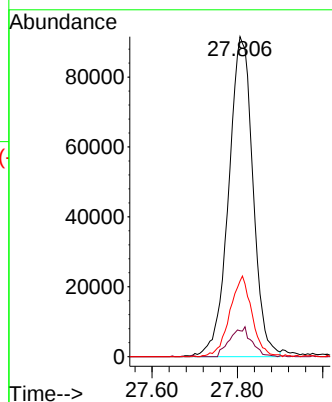
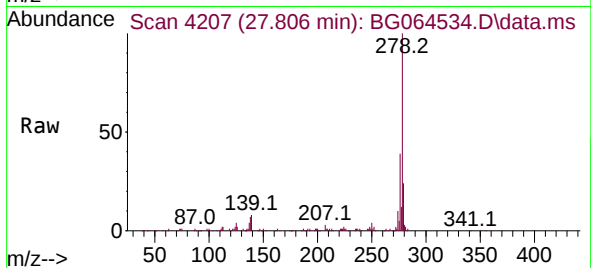
Tgt Ion:278 Resp: 361572
 Ion Ratio Lower Upper
 278 100
 139 8.1 8.2 12.2
 279 23.6 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/20/2025

Supervised By :Jagrut Upadhyay 10/20/2025



#92

Benzo(g,h,i)perylene

Concen: 48.704 ng

RT: 28.811 min Scan# 4378

Delta R.T. 0.044 min

Lab File: BG064534.D

Acq: 17 Oct 2025 13:43

Tgt Ion:276 Resp: 357922
 Ion Ratio Lower Upper
 276 100
 277 21.0 17.8 26.6
 138 10.5 9.4 14.0

