

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064518.D
 Acq On : 16 Oct 2025 16:15
 Operator : RC/JU
 Sample : PB170133BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170133BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

Quant Time: Oct 16 16:54:22 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	16050	20.000	ng	0.00
21) Naphthalene-d8	10.603	136	66367	20.000	ng	# 0.00
39) Acenaphthene-d10	14.446	164	52536	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	123287	20.000	ng	# 0.00
76) Chrysene-d12	21.414	240	138581	20.000	ng	# 0.00
86) Perylene-d12	24.399	264	149424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	119762	138.094	ng	0.00
7) Phenol-d6	7.002	99	155875	133.748	ng	0.02
23) Nitrobenzene-d5	8.976	82	108203	87.665	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	126843	133.198	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	299540	84.042	ng	0.00
79) Terphenyl-d14	19.810	244	632982	86.442	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	11460	33.408	ng	99
3) Pyridine	3.706	79	31435	34.097	ng	92
4) n-Nitrosodimethylamine	3.623	42	30565	45.733	ng	96
6) Aniline	7.149	93	43673	29.708	ng	97
8) 2-Chlorophenol	7.389	128	51530	48.388	ng	97
9) Benzaldehyde	6.955	77	22129	21.390	ng	97
10) Phenol	7.025	94	57867	47.068	ng	97
11) bis(2-Chloroethyl)ether	7.243	93	36354	43.664	ng	98
12) 1,3-Dichlorobenzene	7.707	146	53907	46.274	ng	98
13) 1,4-Dichlorobenzene	7.854	146	55904	47.815	ng	93
14) 1,2-Dichlorobenzene	8.171	146	52399	45.473	ng	94
15) Benzyl Alcohol	8.059	79	50798	47.329	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.341	45	53462	39.836	ng	97
17) 2-Methylphenol	8.265	107	43326	48.667	ng	94
18) Hexachloroethane	8.894	117	20821	45.116	ng	# 85
19) n-Nitroso-di-n-propyla...	8.623	70	35767	45.889	ng	# 97
20) 3+4-Methylphenols	8.594	107	59377	47.795	ng	98
22) Acetophenone	8.635	105	86803	54.018	ng	92
24) Nitrobenzene	9.017	77	56127	45.601	ng	97
25) Isophorone	9.540	82	99912	44.683	ng	99
26) 2-Nitrophenol	9.722	139	27940	45.610	ng	88
27) 2,4-Dimethylphenol	9.787	122	49382	52.779	ng	89
28) bis(2-Chloroethoxy)met...	10.022	93	52912	46.423	ng	98
29) 2,4-Dichlorophenol	10.263	162	54213	50.106	ng	97
30) 1,2,4-Trichlorobenzene	10.474	180	57255	48.532	ng	94
31) Naphthalene	10.656	128	161861	47.361	ng	99
32) Benzoic acid	9.963	122	41241m	57.410	ng	
33) 4-Chloroaniline	10.768	127	24766	18.885	ng	97
34) Hexachlorobutadiene	10.944	225	46764	46.286	ng	97
35) Caprolactam	11.543	113	17515m	47.287	ng	
36) 4-Chloro-3-methylphenol	11.902	107	64132	48.741	ng	93
37) 2-Methylnaphthalene	12.266	142	112406	42.848	ng	99
38) 1-Methylnaphthalene	12.483	142	116154	44.404	ng	94
40) 1,2,4,5-Tetrachloroben...	12.636	216	87558	51.617	ng	98
41) Hexachlorocyclopentadiene	12.619	237	127008	143.137	ng	95
43) 2,4,6-Trichlorophenol	12.877	196	52409	48.331	ng	98

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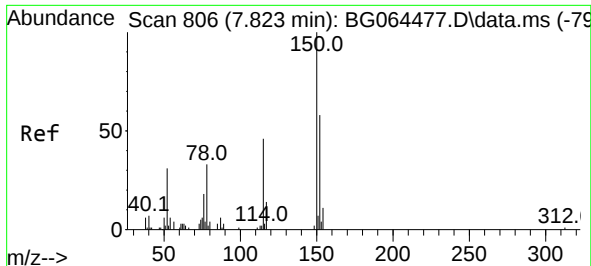
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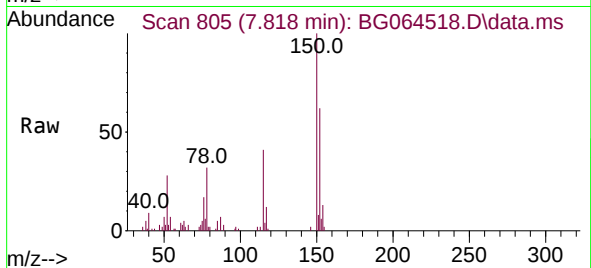
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	57242	47.283	ng	99
46) 1,1'-Biphenyl	13.283	154	191610	50.710	ng	96
47) 2-Chloronaphthalene	13.324	162	125557	44.506	ng	98
48) 2-Nitroaniline	13.529	65	43507	45.185	ng	93
49) Acenaphthylene	14.170	152	216199	51.625	ng	99
50) Dimethylphthalate	13.911	163	178769	43.447	ng	100
51) 2,6-Dinitrotoluene	14.023	165	40100	46.784	ng	88
52) Acenaphthene	14.511	154	128773	44.259	ng	100
53) 3-Nitroaniline	14.352	138	21086	26.675	ng	98
54) 2,4-Dinitrophenol	14.563	184	55255	88.904	ng	92
55) Dibenzofuran	14.845	168	215899	44.941	ng	98
56) 4-Nitrophenol	14.681	139	61087	98.154	ng	89
57) 2,4-Dinitrotoluene	14.816	165	61230	46.730	ng	94
58) Fluorene	15.498	166	183903	46.047	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.080	232	60858m	49.258	ng	
60) Diethylphthalate	15.274	149	195504	44.292	ng	98
61) 4-Chlorophenyl-phenyle...	15.492	204	97578	44.752	ng	100
62) 4-Nitroaniline	15.521	138	37456	45.462	ng	97
63) Azobenzene	15.786	77	150921	44.149	ng	97
65) 4,6-Dinitro-2-methylph...	15.580	198	41363	48.186	ng	94
66) n-Nitrosodiphenylamine	15.709	169	161576	49.078	ng	96
67) 4-Bromophenyl-phenylether	16.385	248	70110	48.325	ng	88
68) Hexachlorobenzene	16.502	284	80732	48.630	ng	95
69) Atrazine	16.661	200	73333	50.065	ng	96
70) Pentachlorophenol	16.843	266	103325	106.448	ng	99
71) Phenanthrene	17.231	178	308081	47.784	ng	100
72) Anthracene	17.325	178	314943	48.692	ng	100
73) Carbazole	17.595	167	279379	49.971	ng	97
74) Di-n-butylphthalate	18.153	149	334508	49.013	ng	99
75) Fluoranthene	19.240	202	390939	50.756	ng	98
77) Benzidine	19.428	184	95013	27.553	ng	100
78) Pyrene	19.605	202	398440	44.303	ng	100
80) Butylbenzylphthalate	20.503	149	155197	48.680	ng	96
81) Benzo(a)anthracene	21.397	228	427989	48.369	ng	99
82) 3,3'-Dichlorobenzidine	21.320	252	84226	28.124	ng	97
83) Chrysene	21.461	228	398106	47.441	ng	97
84) Bis(2-ethylhexyl)phtha...	21.320	149	218513	48.578	ng	95
85) Di-n-octyl phthalate	22.448	149	371963	49.201	ng	100
87) Indeno(1,2,3-cd)pyrene	27.760	276	513100	49.333	ng	99
88) Benzo(b)fluoranthene	23.459	252	418720	49.257	ng	100
89) Benzo(k)fluoranthene	23.518	252	436387m	50.970	ng	
90) Benzo(a)pyrene	24.264	252	405302	51.733	ng	98
91) Dibenzo(a,h)anthracene	27.818	278	421086	50.625	ng	# 98
92) Benzo(g,h,i)perylene	28.806	276	404947	50.098	ng	95

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.818 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

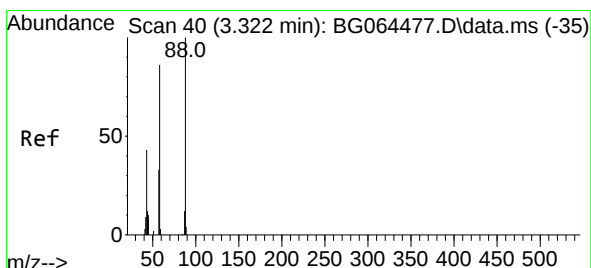
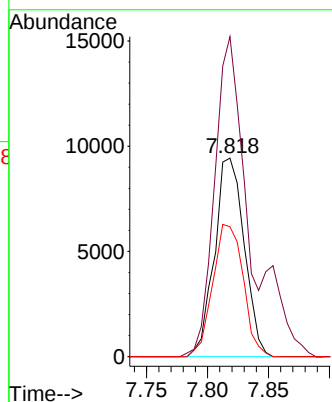
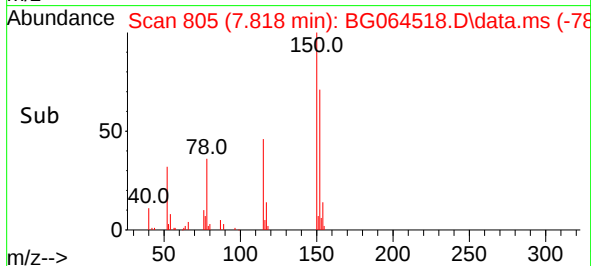
Instrument :
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 ClientSampleId :
 PB170133BS



Tgt Ion:152 Resp: 16050
 Ion Ratio Lower Upper
 152 100
 150 161.2 138.6 207.8
 115 65.4 63.4 95.2

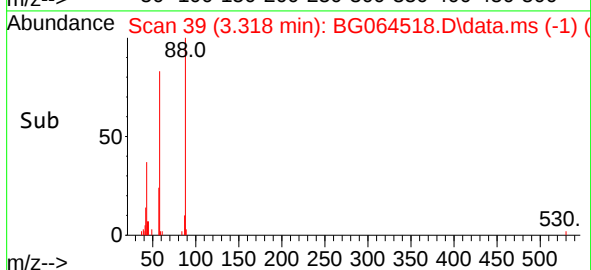
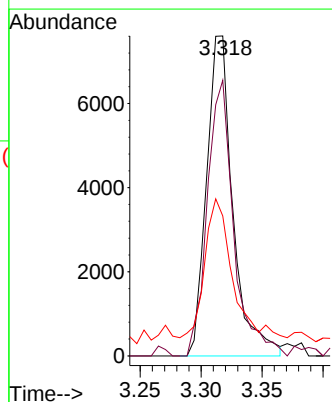
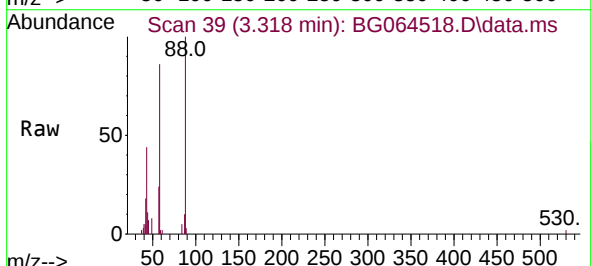
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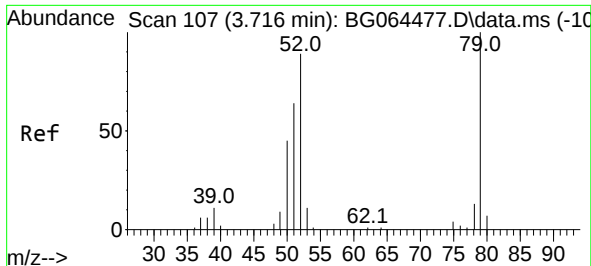
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025



#2
 1,4-Dioxane
 Concen: 33.408 ng
 RT: 3.318 min Scan# 39
 Delta R.T. -0.002 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

Tgt Ion: 88 Resp: 11460
 Ion Ratio Lower Upper
 88 100
 58 86.5 69.8 104.6
 43 46.0 37.4 56.0





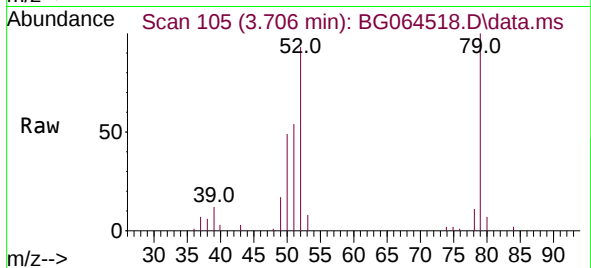
#3
Pyridine
Concen: 34.097 ng
RT: 3.706 min Scan# 10
Delta R.T. -0.008 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

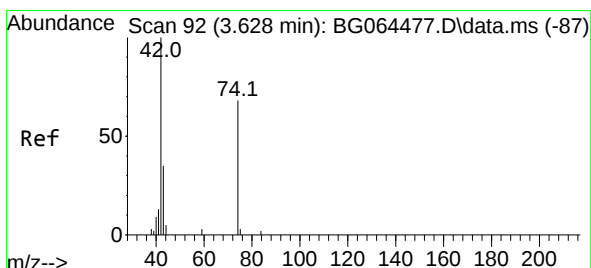
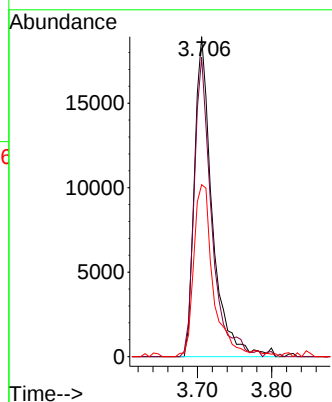
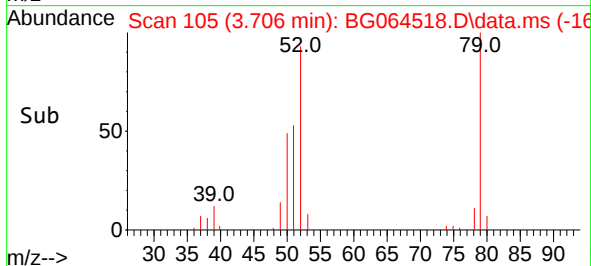
PB170133BS



Tgt Ion: 79 Resp: 31435
Ion Ratio Lower Upper
79 100
52 93.5 71.0 106.4
51 53.7 51.0 76.6

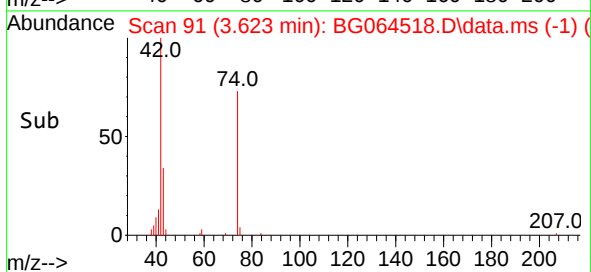
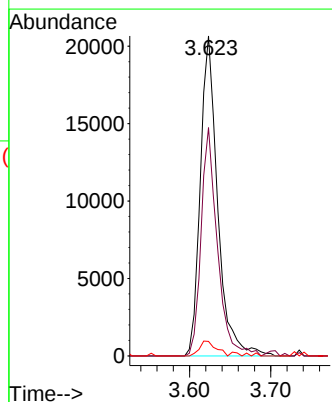
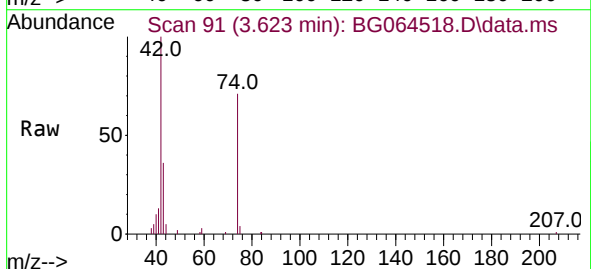
Manual Integrations
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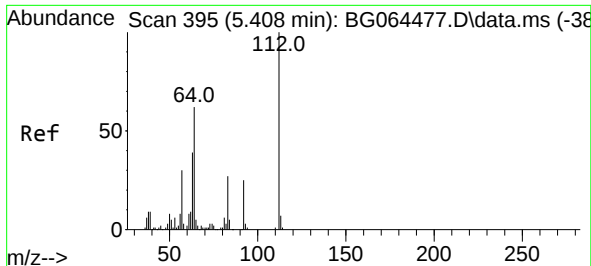
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#4
n-Nitrosodimethylamine
Concen: 45.733 ng
RT: 3.623 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

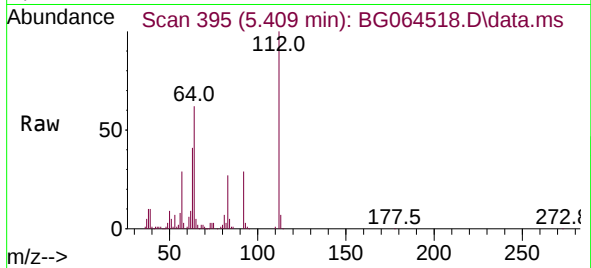
Tgt Ion: 42 Resp: 30565
Ion Ratio Lower Upper
42 100
74 71.3 54.2 81.4
44 4.5 4.2 6.2





#5
2-Fluorophenol
Concen: 138.094 ng
RT: 5.409 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

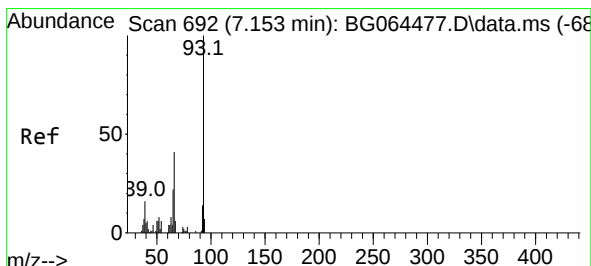
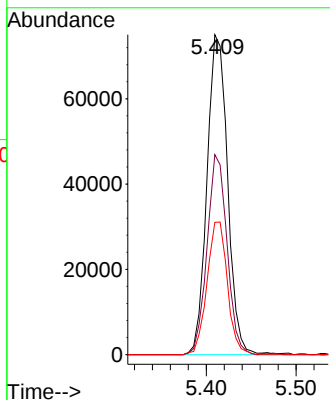
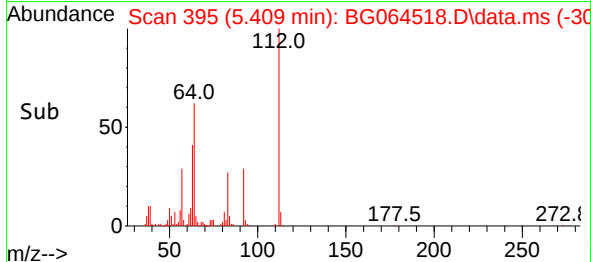
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ClientSampleId :
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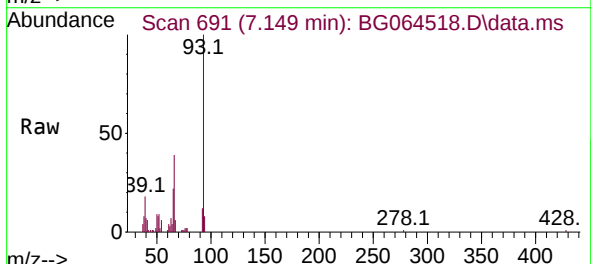
Tgt Ion: 112 Resp: 119762
Ion Ratio Lower Upper
112 100
64 62.5 49.8 74.8
63 41.3 31.3 46.9

Manual Integrations
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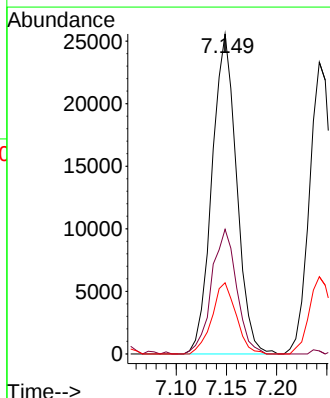
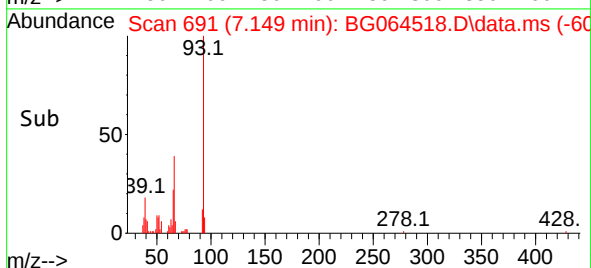
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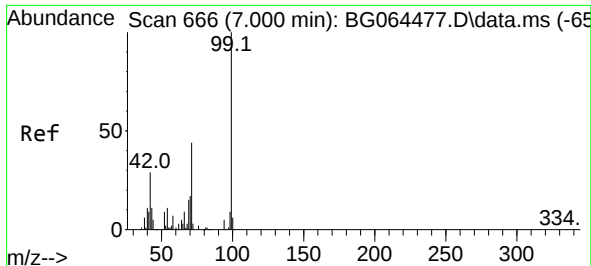


#6
Aniline
Concen: 29.708 ng
RT: 7.149 min Scan# 691
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



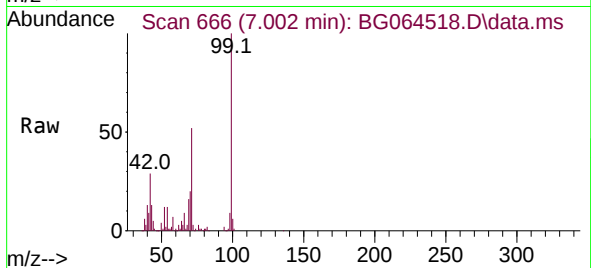
Tgt Ion: 93 Resp: 43673
Ion Ratio Lower Upper
93 100
66 38.9 33.0 49.4
65 22.2 17.5 26.3





#7
Phenol-d6
Concen: 133.748 ng
RT: 7.002 min Scan# 60
Delta R.T. 0.016 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

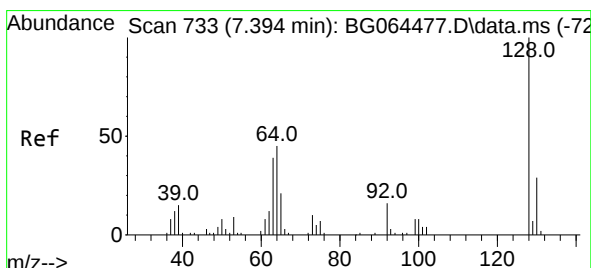
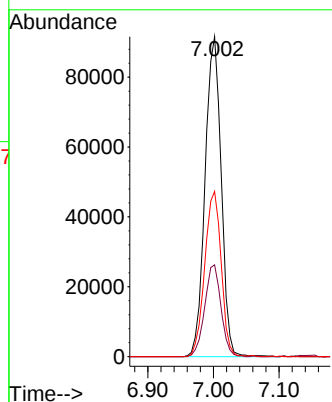
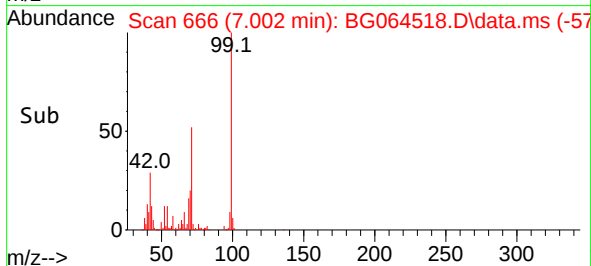
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BNA_G
ClientSampleId :
PB170133BS



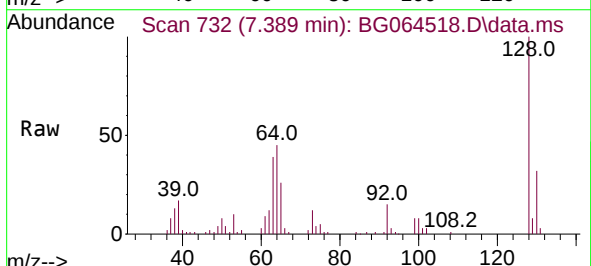
Tgt Ion: 99 Resp: 155875
Ion Ratio Lower Upper
99 100
42 28.7 22.9 34.3
71 51.6 35.4 53.2

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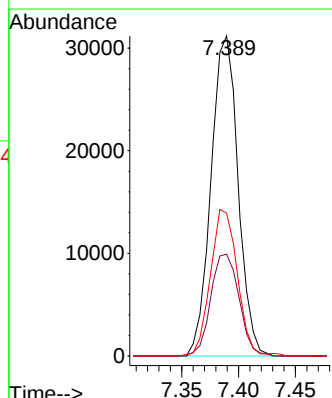
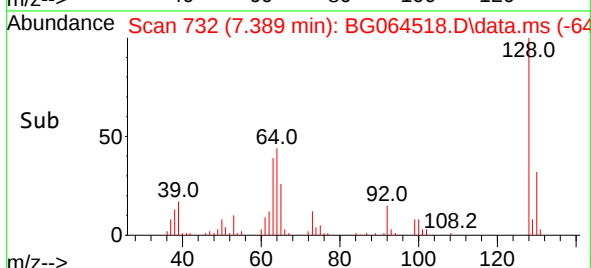
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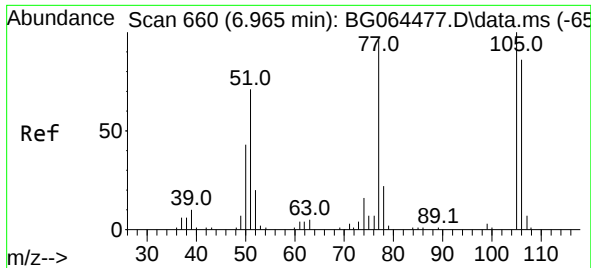


#8
2-Chlorophenol
Concen: 48.388 ng
RT: 7.389 min Scan# 732
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



Tgt Ion:128 Resp: 51530
Ion Ratio Lower Upper
128 100
130 31.8 9.2 49.2
64 44.6 25.5 65.5





#9
Benzaldehyde
Concen: 21.390 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

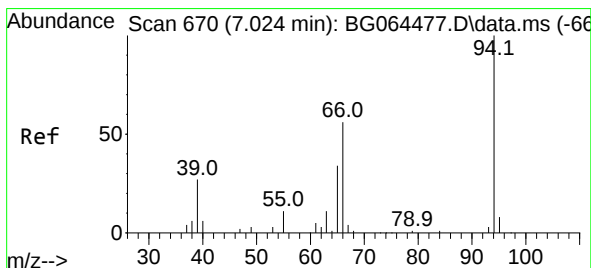
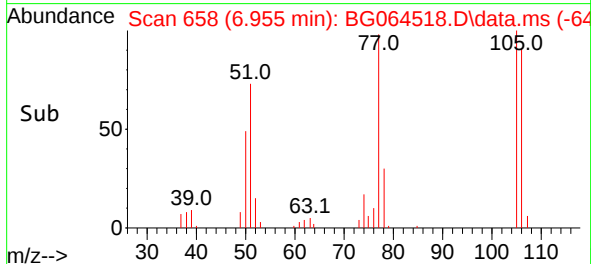
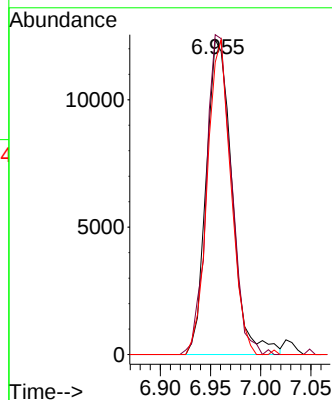
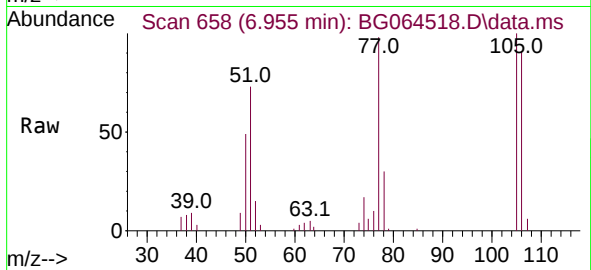
PB170133BS

Tgt Ion: 77 Resp: 22129
Ion Ratio Lower Upper
77 100
105 101.6 83.7 123.7
106 92.8 69.4 109.4

Manual Integrations

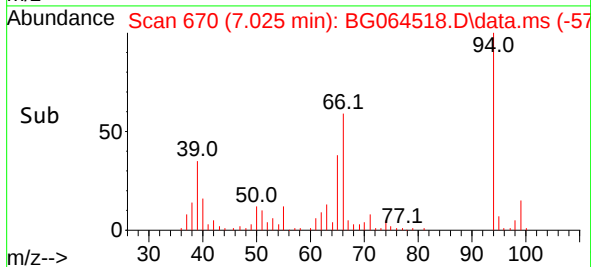
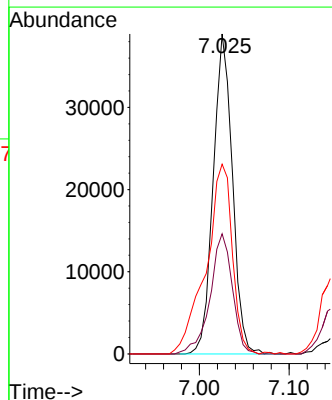
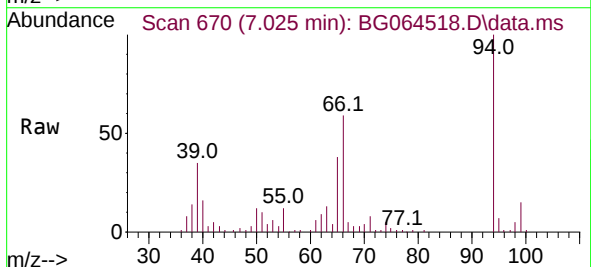
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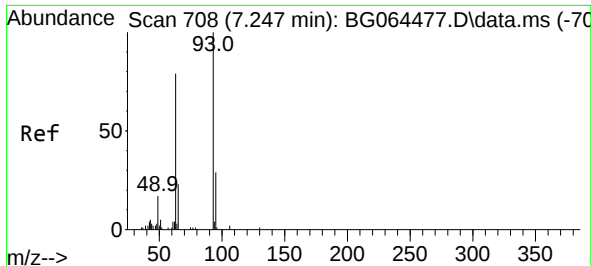
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#10
Phenol
Concen: 47.068 ng
RT: 7.025 min Scan# 670
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

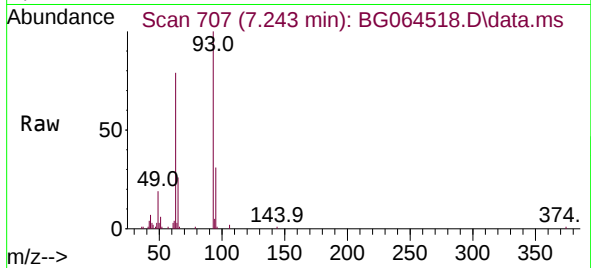
Tgt Ion: 94 Resp: 57867
Ion Ratio Lower Upper
94 100
65 37.5 14.8 54.8
66 59.3 41.4 81.4





#11
bis(2-Chloroethyl)ether
Concen: 43.664 ng
RT: 7.243 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

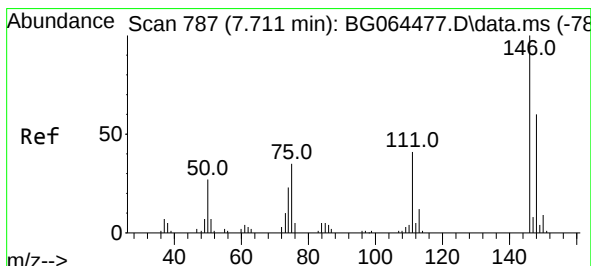
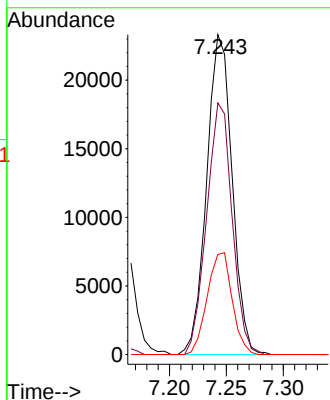
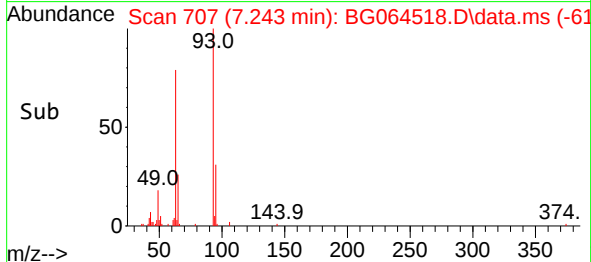
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion: 93 Resp: 36354
Ion Ratio Lower Upper
93 100
63 78.6 59.5 99.5
95 31.3 8.8 48.8

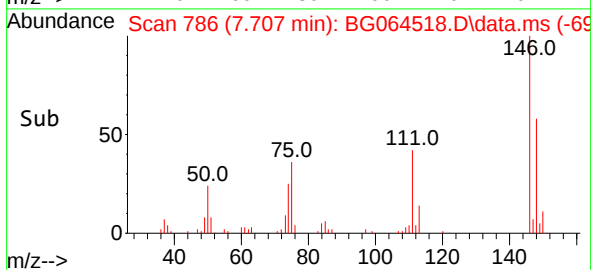
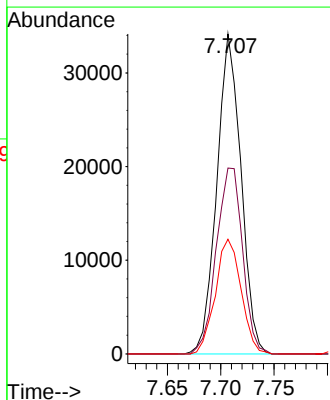
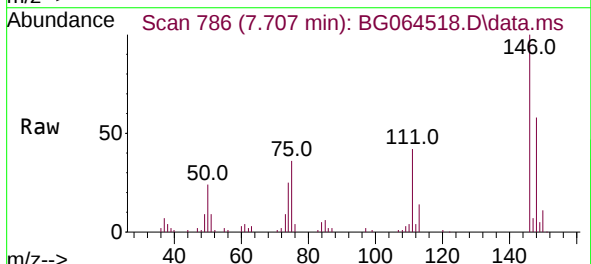
Manual Integrations
APPROVED

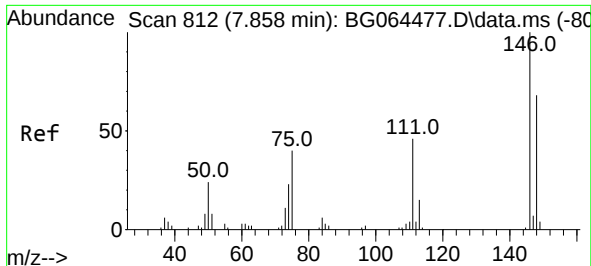
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#12
1,3-Dichlorobenzene
Concen: 46.274 ng
RT: 7.707 min Scan# 786
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:146 Resp: 53907
Ion Ratio Lower Upper
146 100
148 58.1 48.4 72.6
75 35.8 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 47.815 ng

RT: 7.854 min Scan# 811

Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

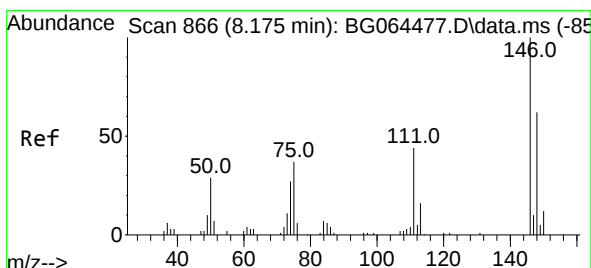
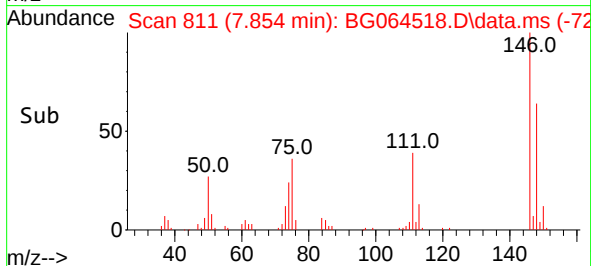
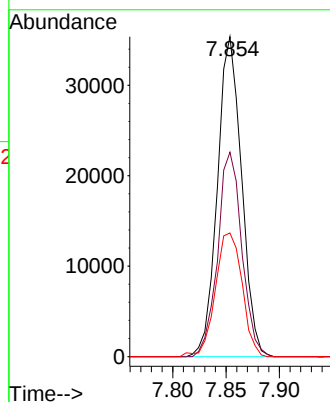
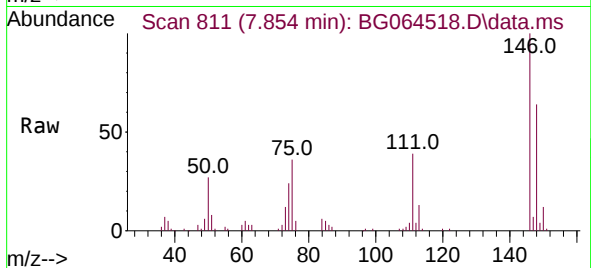
Tgt Ion:146 Resp: 55904
 Ion Ratio Lower Upper
 146 100
 148 63.9 54.4 81.6
 111 38.6 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#14

1,2-Dichlorobenzene

Concen: 45.473 ng

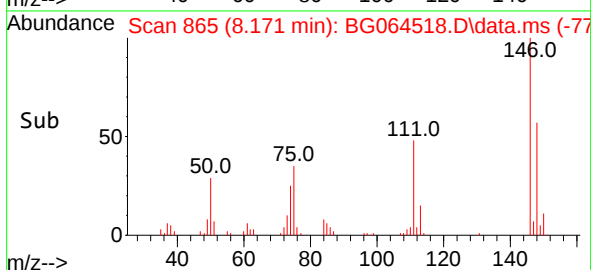
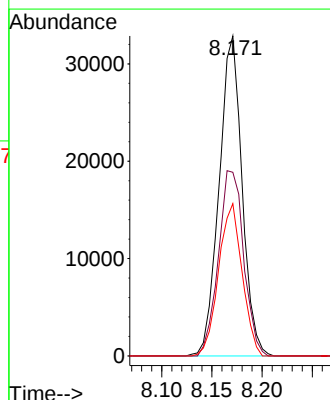
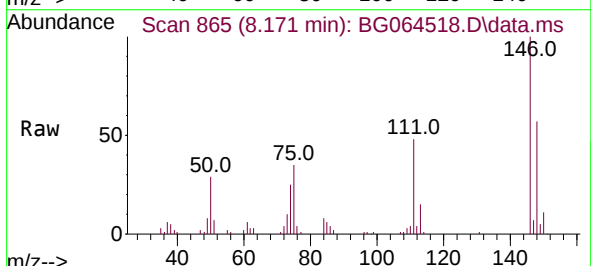
RT: 8.171 min Scan# 865

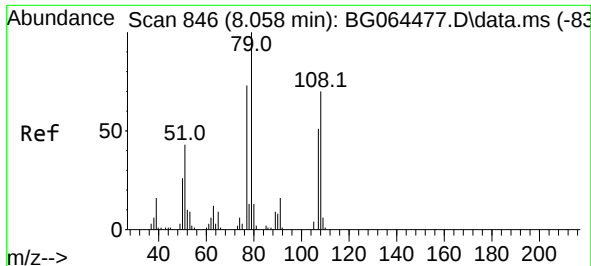
Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Tgt Ion:146 Resp: 52399
 Ion Ratio Lower Upper
 146 100
 148 57.4 50.0 75.0
 111 47.6 35.0 52.4





#15
Benzyl Alcohol
Concen: 47.329 ng
RT: 8.059 min Scan# 846
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

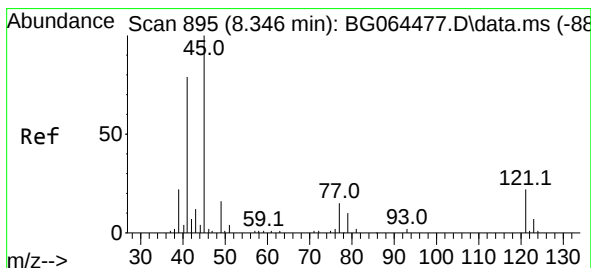
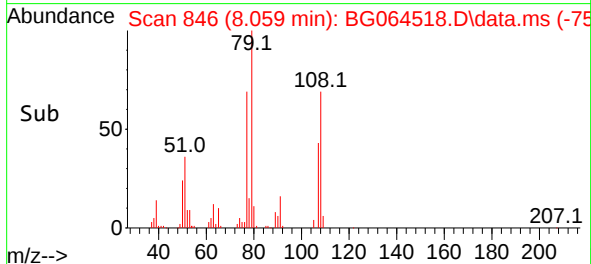
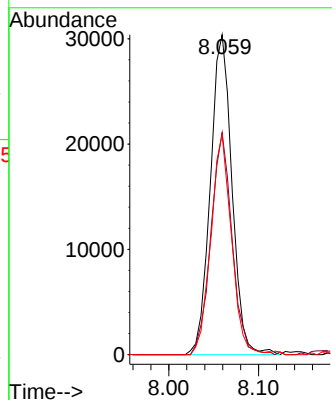
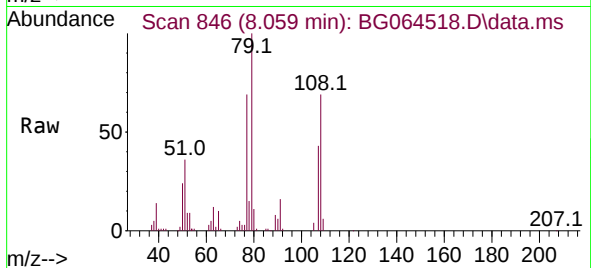
Tgt Ion: 79 Resp: 50798
Ion Ratio Lower Upper
79 100
108 69.4 56.4 84.6
77 68.8 58.3 87.5

Manual Integrations

APPROVED

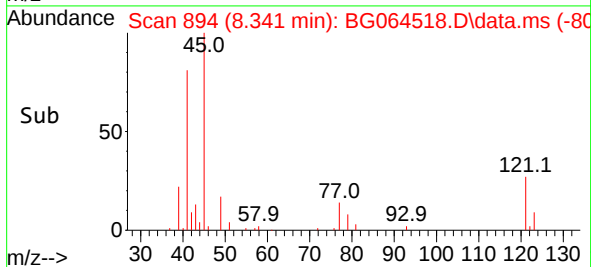
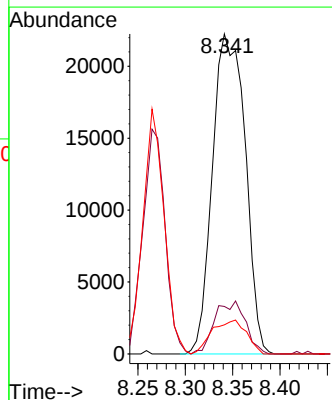
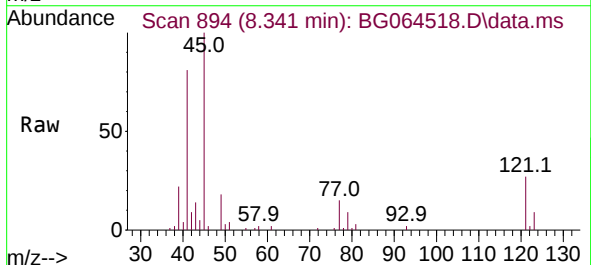
Reviewed By :Rahul Chavli 10/17/2025

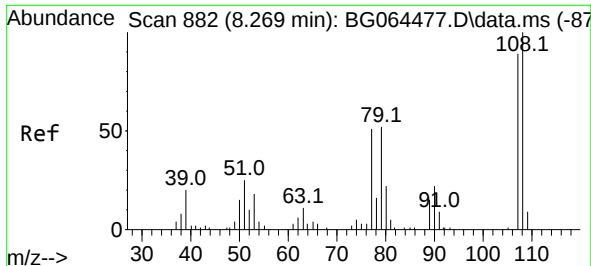
Supervised By :Jagrut Upadhyay 10/17/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.836 ng
RT: 8.341 min Scan# 894
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion: 45 Resp: 53462
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.6
79 9.1 0.0 30.7





#17
2-Methylphenol
Concen: 48.667 ng
RT: 8.265 min Scan# 881
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

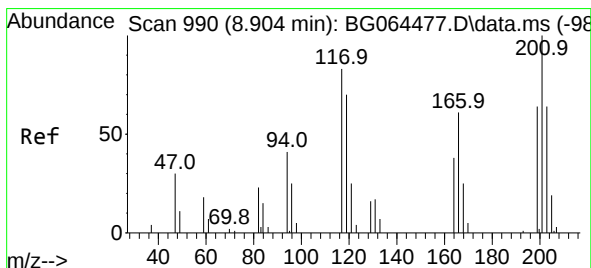
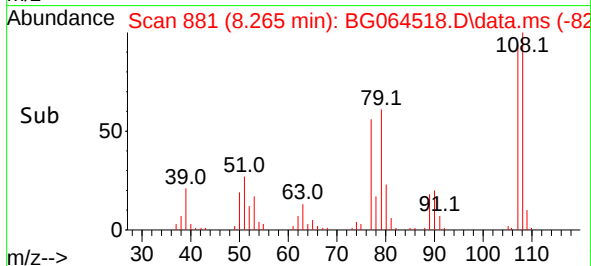
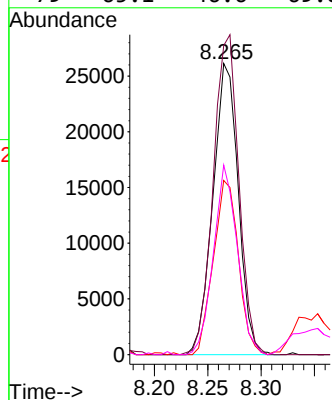
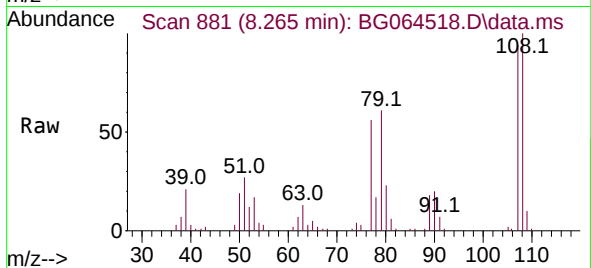
PB170133BS

Tgt Ion:107 Resp: 43326
Ion Ratio Lower Upper
107 100
108 106.2 90.3 135.5
77 59.8 46.0 69.0
79 65.1 46.6 69.8

Manual Integrations

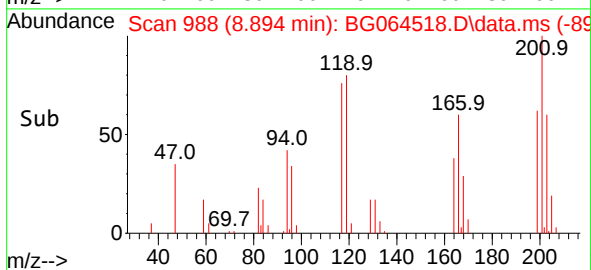
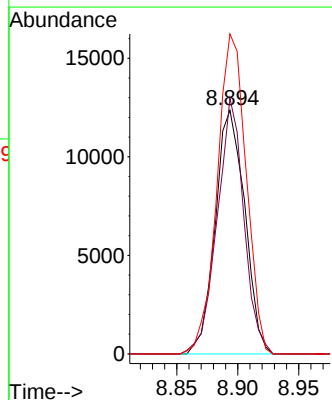
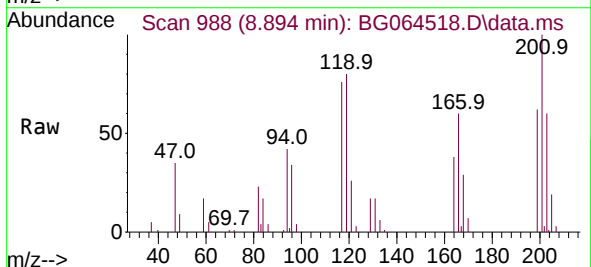
APPROVED

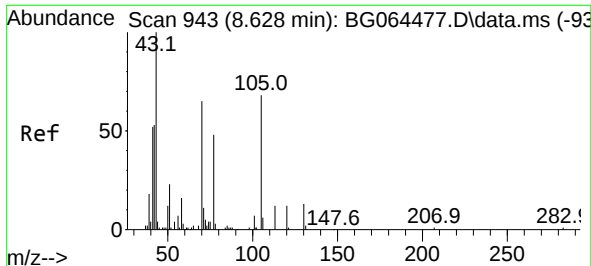
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#18
Hexachloroethane
Concen: 45.116 ng
RT: 8.894 min Scan# 988
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

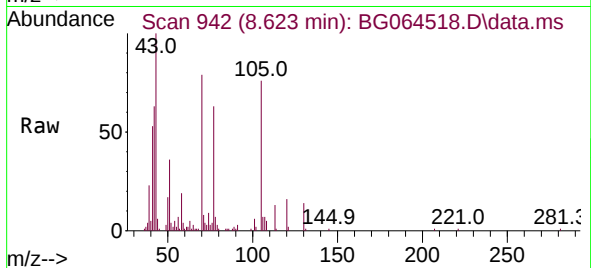
Tgt Ion:117 Resp: 20821
Ion Ratio Lower Upper
117 100
119 104.9 67.4 101.0#
201 131.3 95.9 143.9





#19
n-Nitroso-di-n-propylamine
Concen: 45.889 ng
RT: 8.623 min Scan# 943
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

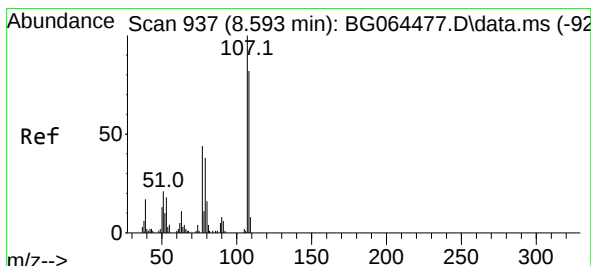
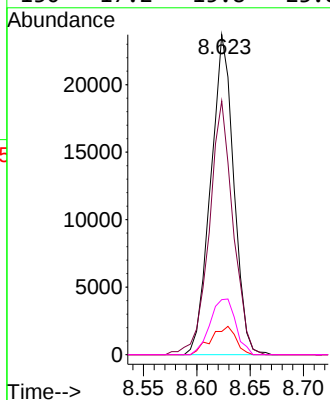
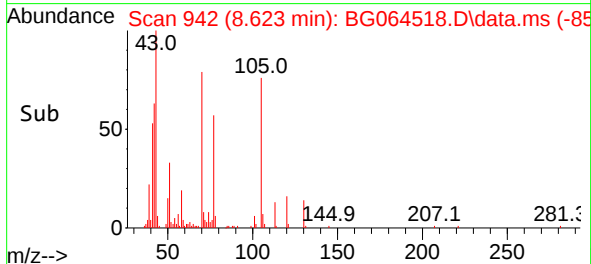
Instrument :
BNA_G
ClientSampleId :
PB170133BS



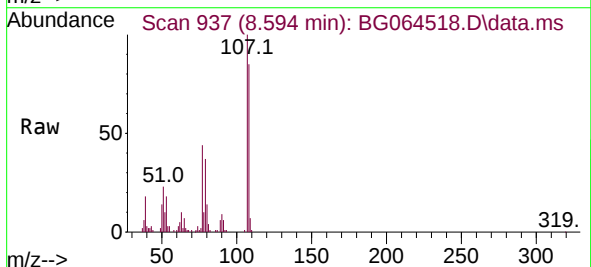
Tgt Ion: 70 Resp: 35762
Ion Ratio Lower Upper
70 100
42 79.3 64.9 97.3
101 7.2 8.7 13.1
130 17.2 15.8 23.8

Manual Integrations
APPROVED

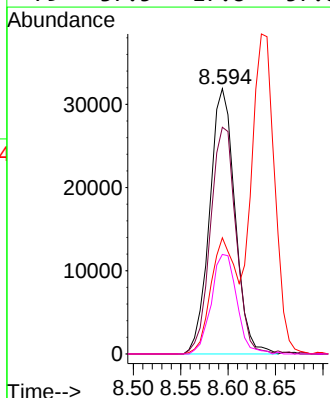
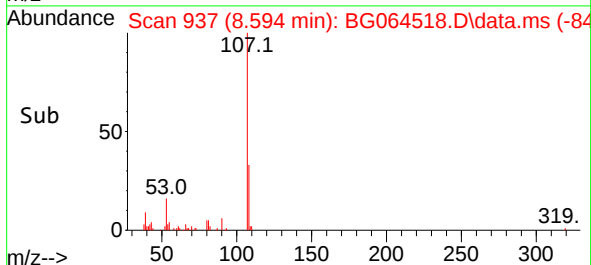
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

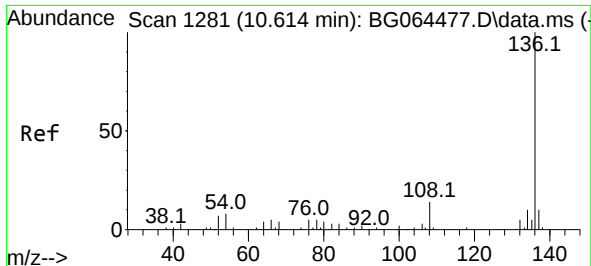


#20
3+4-Methylphenols
Concen: 47.795 ng
RT: 8.594 min Scan# 937
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



Tgt Ion:107 Resp: 59377
Ion Ratio Lower Upper
107 100
108 85.4 62.1 102.1
77 43.8 23.5 63.5
79 37.5 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1281
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

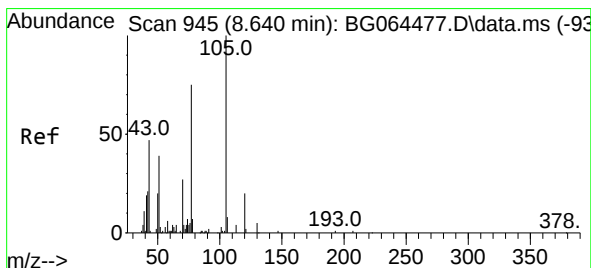
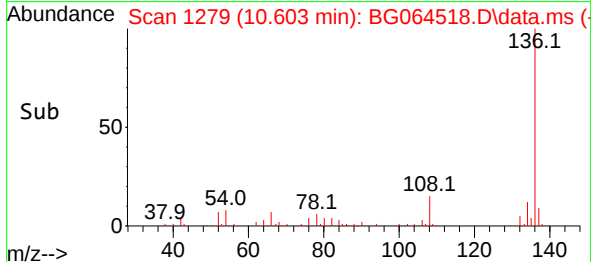
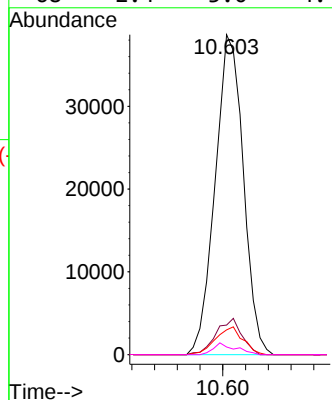
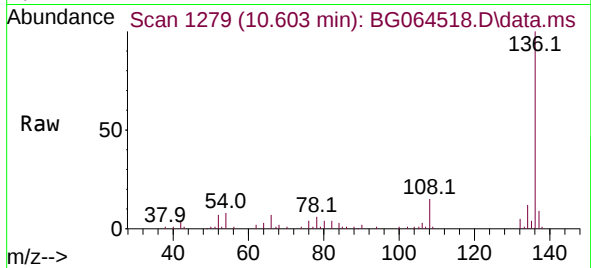
PB170133BS

Tgt Ion:136 Resp: 66362
Ion Ratio Lower Upper
136 100
137 9.2 8.3 12.5
54 7.7 6.2 9.4
68 2.4 3.0 4.4#

Manual Integrations

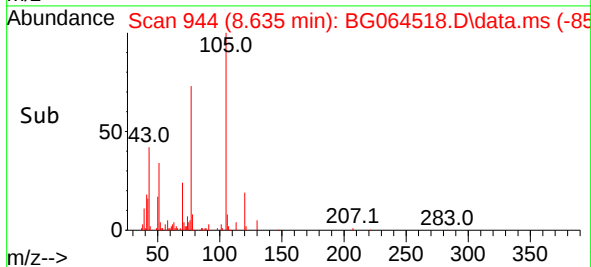
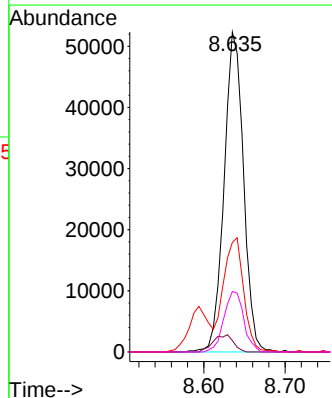
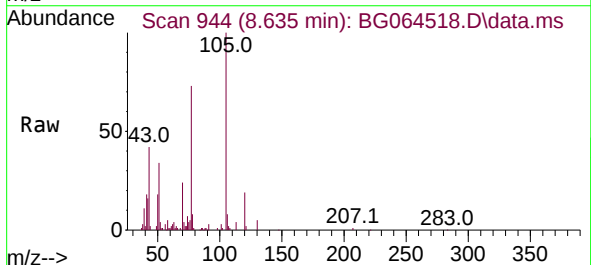
APPROVED

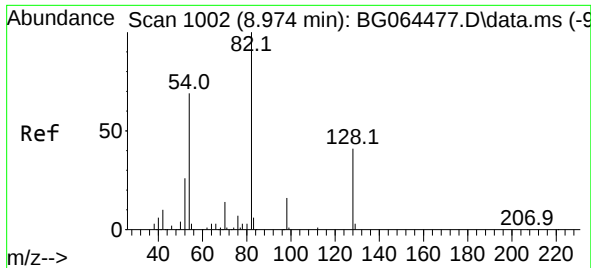
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#22
Acetophenone
Concen: 54.018 ng
RT: 8.635 min Scan# 944
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:105 Resp: 86803
Ion Ratio Lower Upper
105 100
71 3.5 2.8 4.2
51 34.2 33.0 49.4
120 18.9 15.8 23.6





#23
Nitrobenzene-d5
Concen: 87.665 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

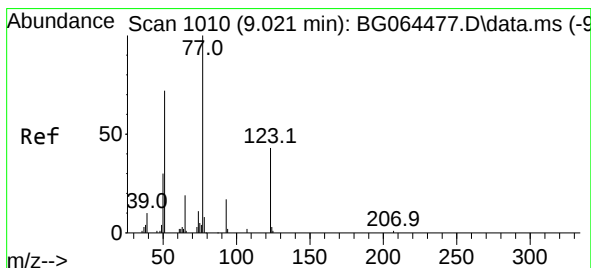
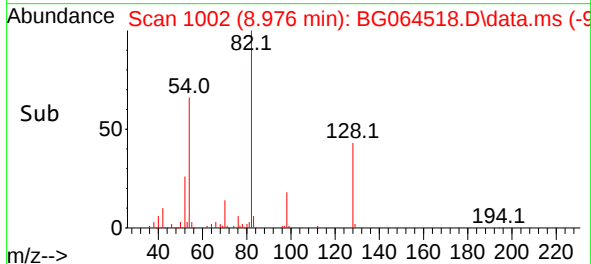
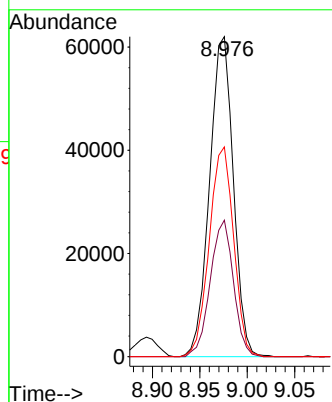
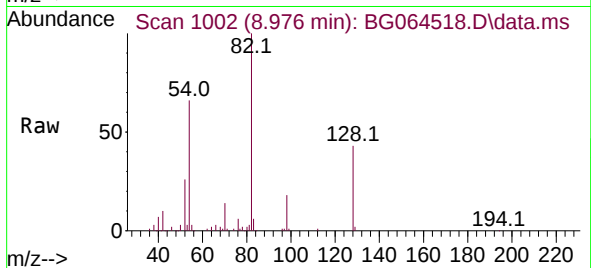
ClientSampleId :

PB170133BS

Tgt Ion: 82 Resp: 108203
Ion Ratio Lower Upper
82 100
128 42.6 33.1 49.7
54 65.5 55.4 83.2

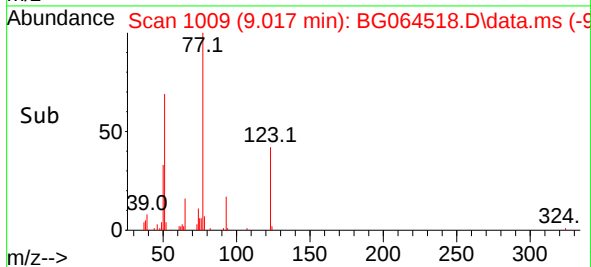
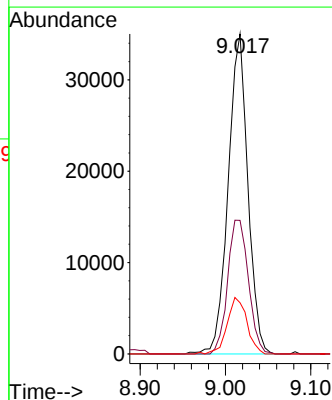
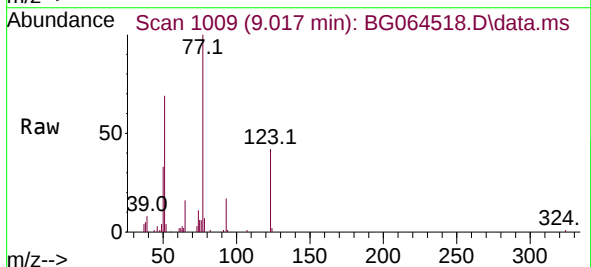
Manual Integrations
APPROVED

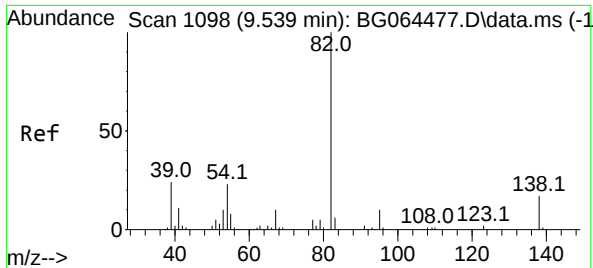
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#24
Nitrobenzene
Concen: 45.601 ng
RT: 9.017 min Scan# 1009
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion: 77 Resp: 56127
Ion Ratio Lower Upper
77 100
123 41.7 34.4 51.6
65 16.0 14.8 22.2





#25
Isophorone
Concen: 44.683 ng
RT: 9.540 min Scan# 1098
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

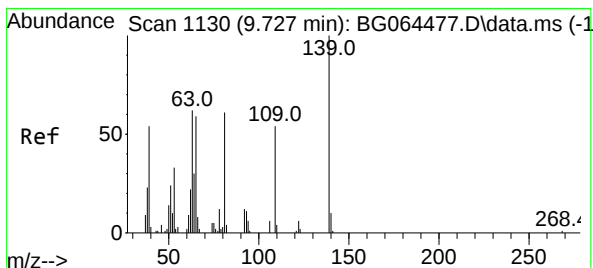
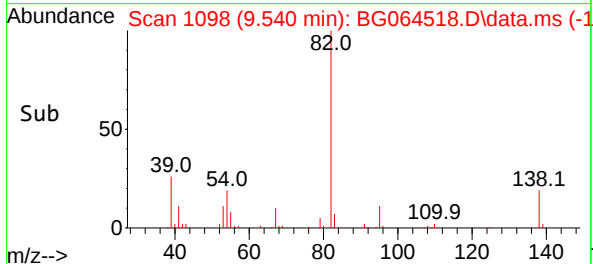
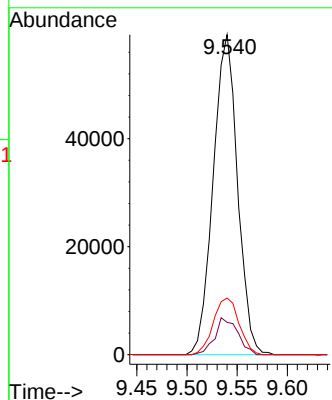
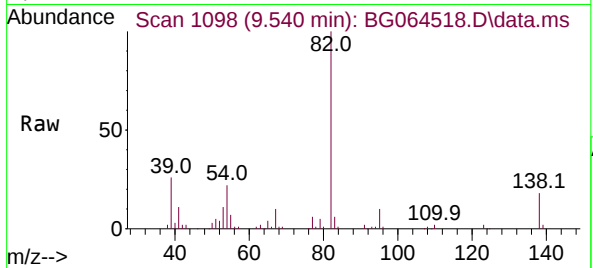
PB170133BS

Tgt Ion: 82 Resp: 99912
Ion Ratio Lower Upper
82 100
95 10.1 7.8 11.8
138 17.7 13.8 20.6

Manual Integrations

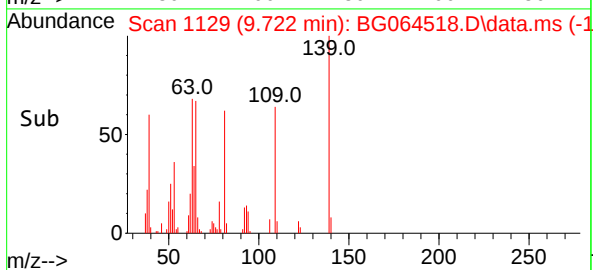
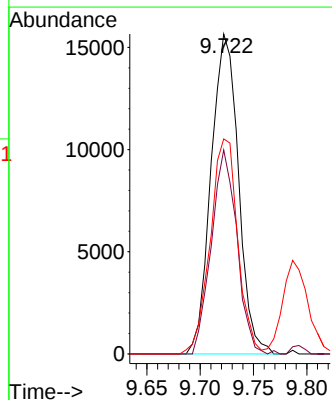
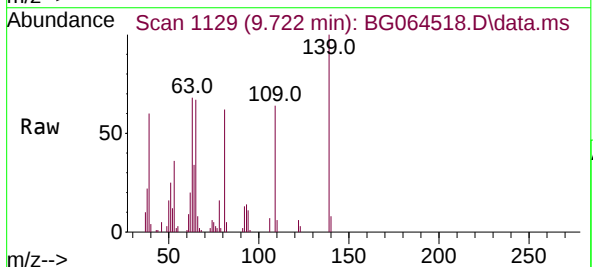
APPROVED

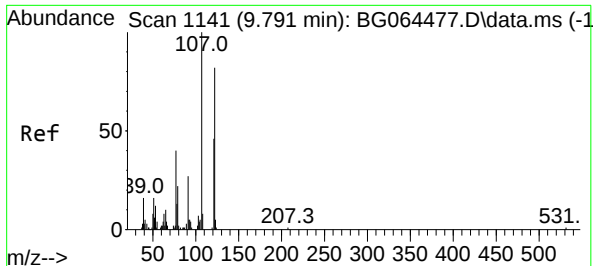
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#26
2-Nitrophenol
Concen: 45.610 ng
RT: 9.722 min Scan# 1129
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:139 Resp: 27940
Ion Ratio Lower Upper
139 100
109 63.7 43.0 64.6
65 67.2 47.4 71.2





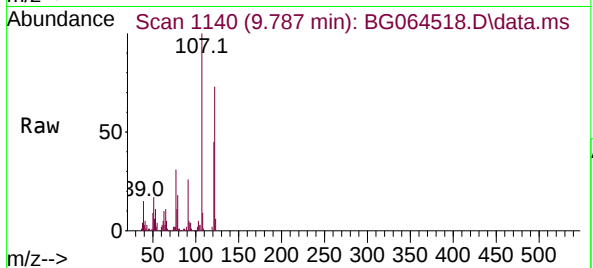
#27
2,4-Dimethylphenol
Concen: 52.779 ng
RT: 9.787 min Scan# 1140
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS



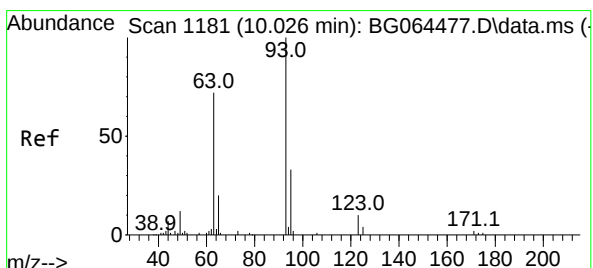
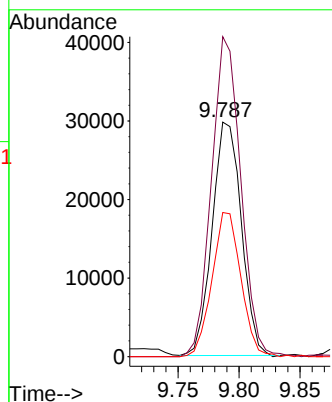
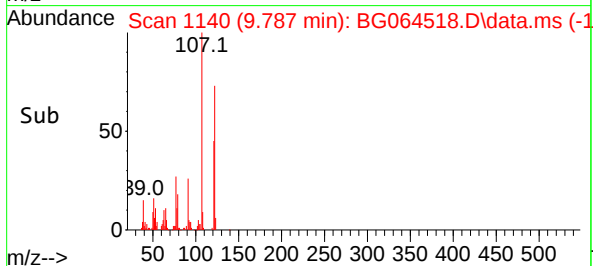
Tgt Ion:122 Resp: 49382
Ion Ratio Lower Upper
122 100
107 136.5 98.3 147.5
121 61.5 44.7 67.1

Manual Integrations

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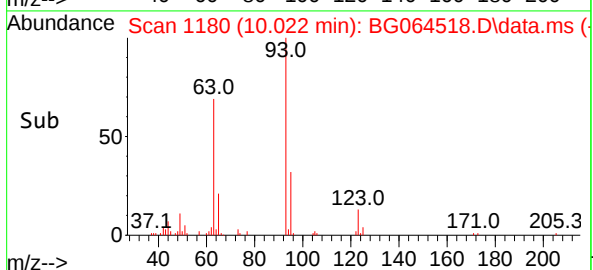
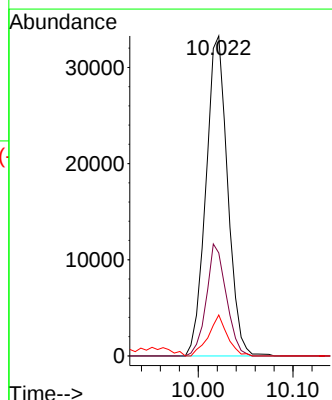
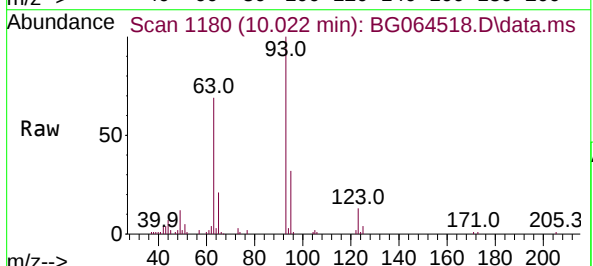
Reviewed By :Rahul Chavli 10/17/2025

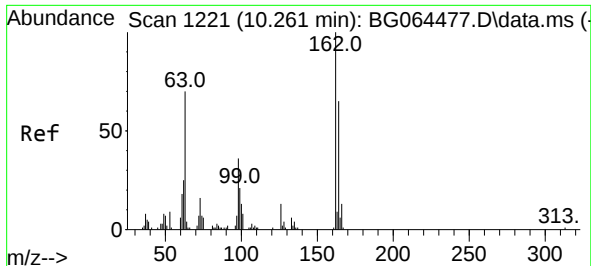
Supervised By :Jagrut Upadhyay 10/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.423 ng
RT: 10.022 min Scan# 1180
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion: 93 Resp: 52912
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 12.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.106 ng

RT: 10.263 min Scan# 1221

Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

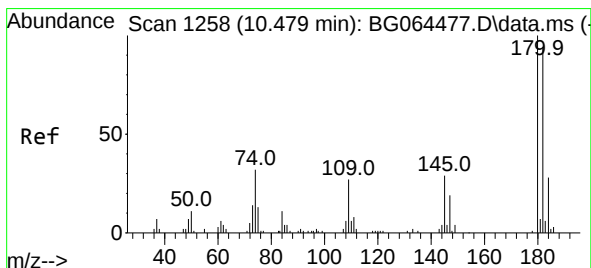
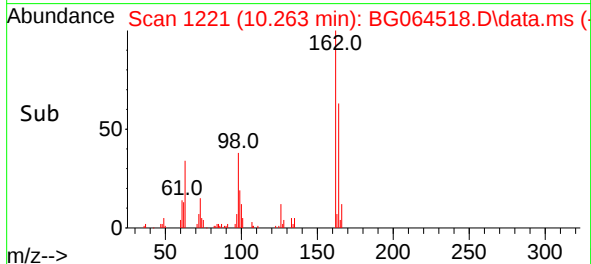
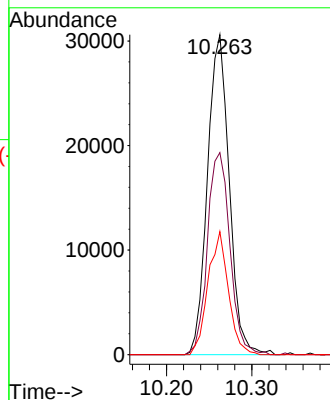
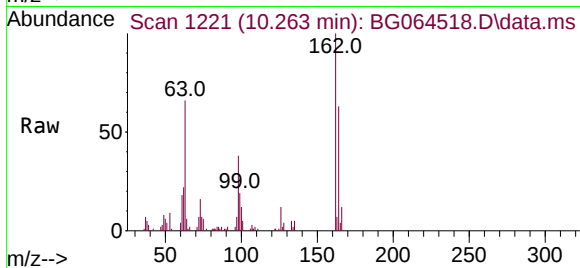
Tgt Ion:162	Resp:	54213
Ion Ratio	Lower	Upper
162	100	
164	63.1	45.4 85.4
98	38.4	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.532 ng

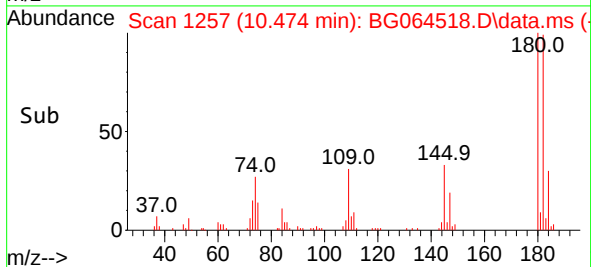
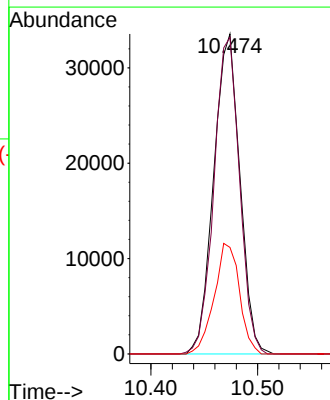
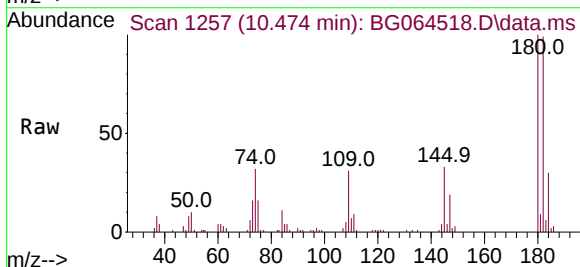
RT: 10.474 min Scan# 1257

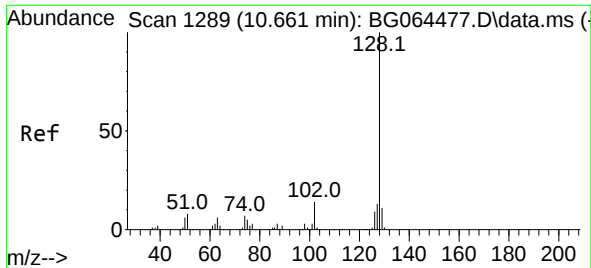
Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Tgt Ion:180	Resp:	57255
Ion Ratio	Lower	Upper
180	100	
182	99.0	75.4 113.2
145	33.3	23.2 34.8





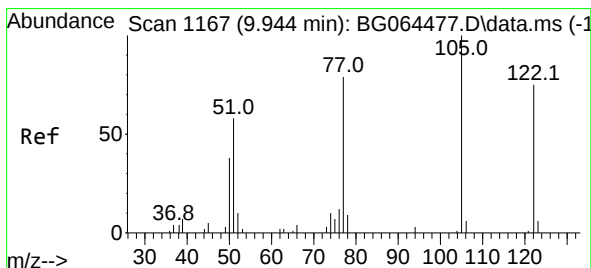
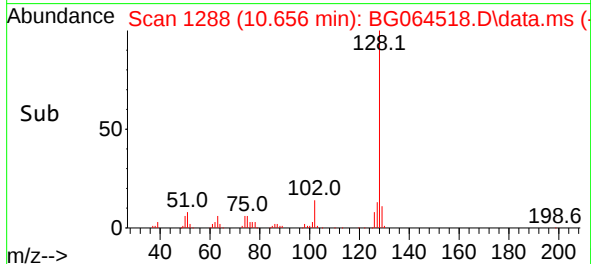
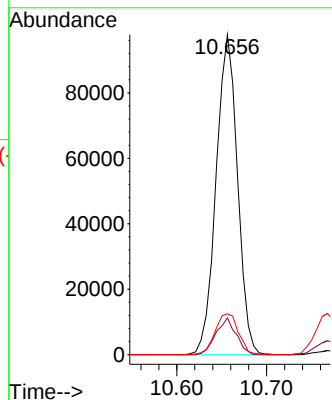
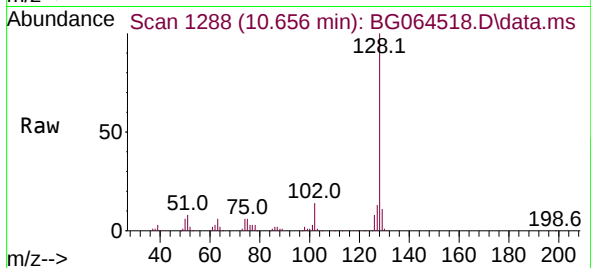
#31
Naphthalene
Concen: 47.361 ng
RT: 10.656 min Scan# 1170
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :
BNA_G
ClientSampleId :
PB170133BS

Tgt Ion:128 Resp: 16186
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.7 10.2 15.2

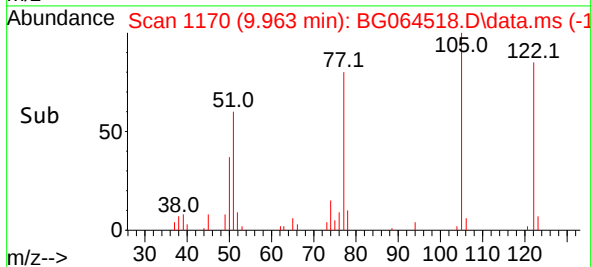
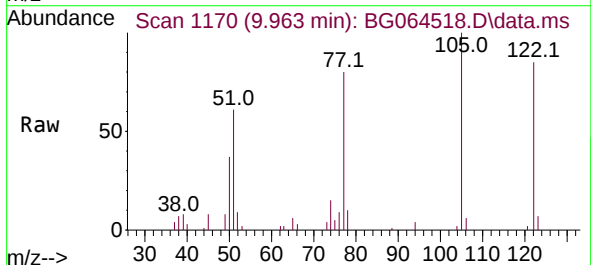
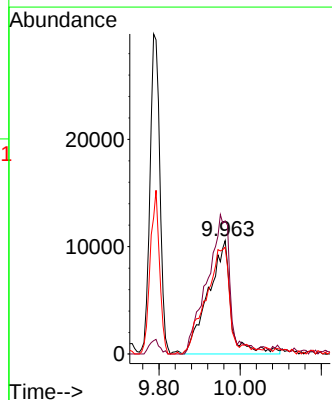
Manual Integrations
APPROVED

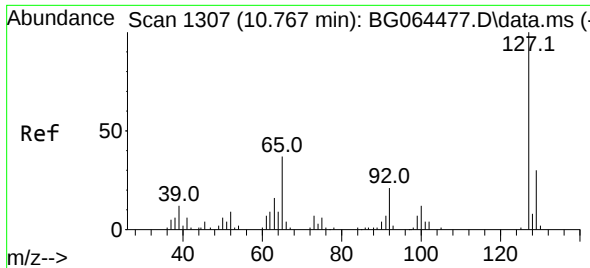
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#32
Benzoic acid
Concen: 57.410 ng m
RT: 9.963 min Scan# 1170
Delta R.T. 0.074 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:122 Resp: 41241
Ion Ratio Lower Upper
122 100
105 117.5 113.9 153.9
77 94.2 86.1 126.1





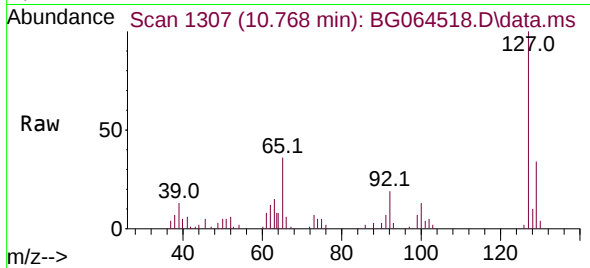
#33
4-Chloroaniline
Concen: 18.885 ng
RT: 10.768 min Scan# 1307
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS



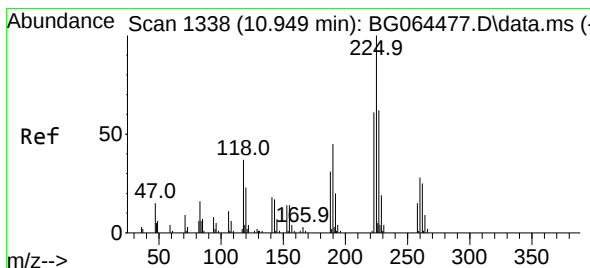
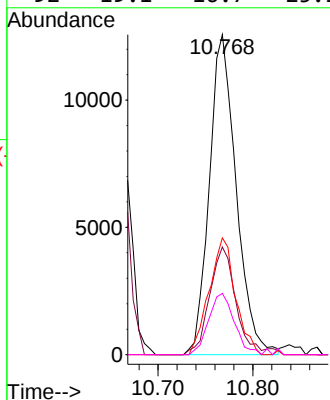
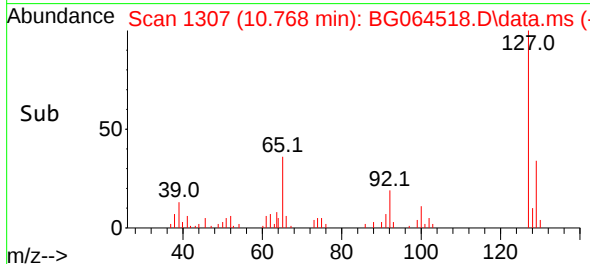
Tgt Ion:127 Resp: 24766
Ion Ratio Lower Upper
127 100
129 33.6 24.2 36.4
65 36.5 29.6 44.4
92 19.1 16.7 25.1

Manual Integrations

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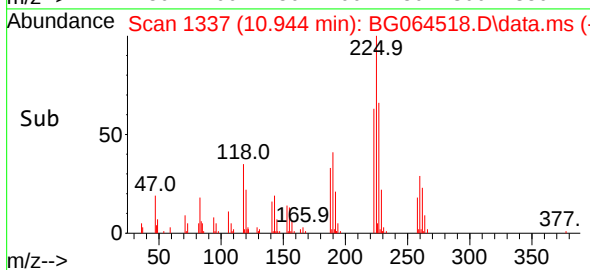
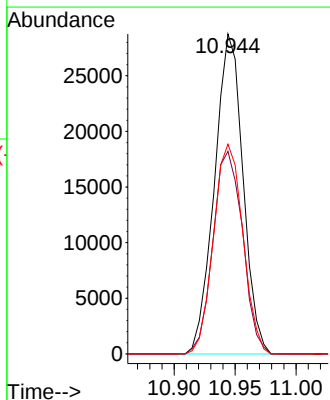
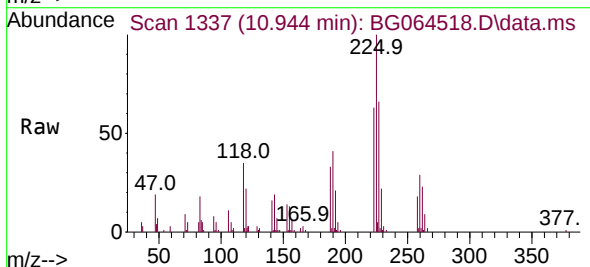
Reviewed By :Rahul Chavli 10/17/2025

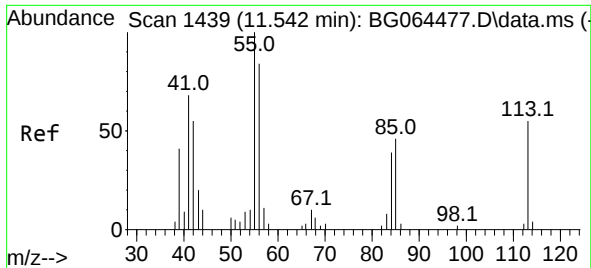
Supervised By :Jagrut Upadhyay 10/17/2025



#34
Hexachlorobutadiene
Concen: 46.286 ng
RT: 10.944 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

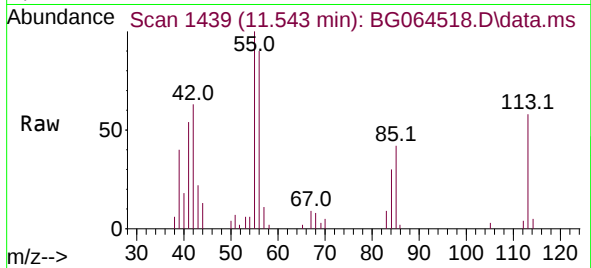
Tgt Ion:225 Resp: 46764
Ion Ratio Lower Upper
225 100
223 63.3 49.0 73.6
227 65.5 49.9 74.9





#35
 Caprolactam
 Concen: 47.287 ng m
 RT: 11.543 min Scan# 1439
 Delta R.T. 0.033 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

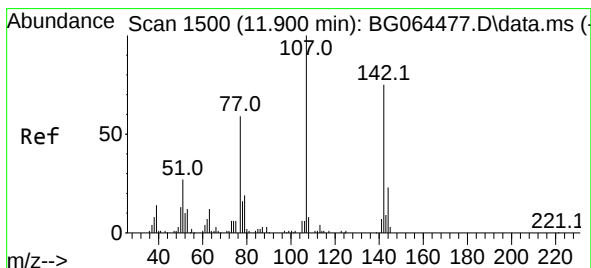
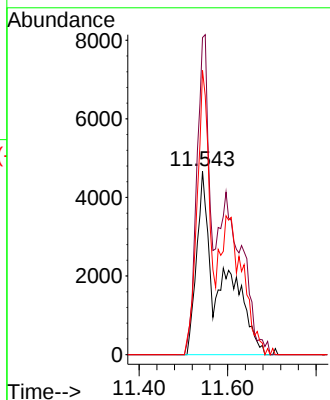
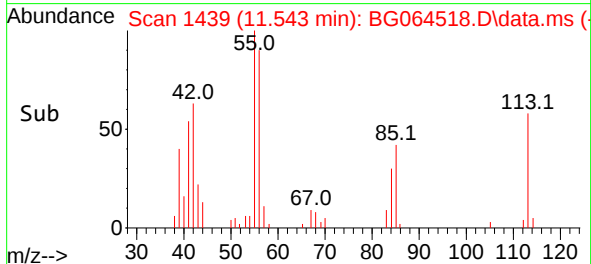
Instrument :
 BNA_G
 ClientSampleId :
 PB170133BS



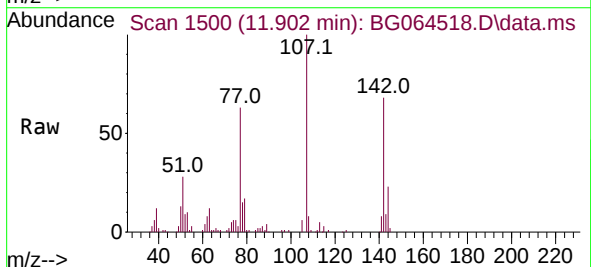
Tgt Ion:113 Resp: 17515
 Ion Ratio Lower Upper
 113 100
 55 172.8 162.0 202.0
 56 154.8 134.6 174.6

Manual Integrations
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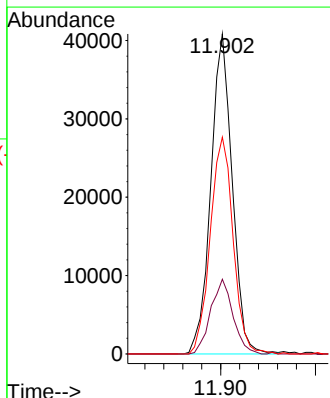
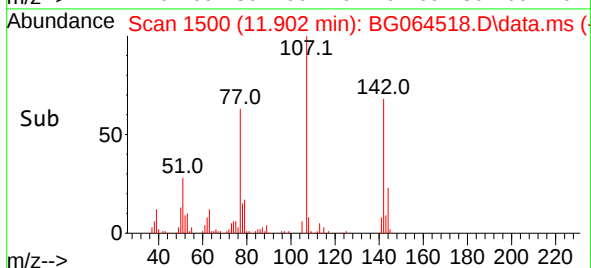
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

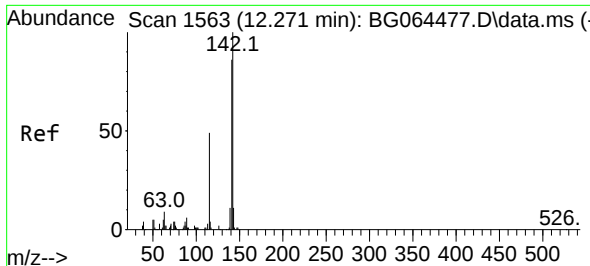


#36
 4-Chloro-3-methylphenol
 Concen: 48.741 ng
 RT: 11.902 min Scan# 1500
 Delta R.T. 0.010 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15



Tgt Ion:107 Resp: 64132
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 67.7 60.2 90.2





#37
2-Methylnaphthalene
Concen: 42.848 ng
RT: 12.266 min Scan# 1562
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

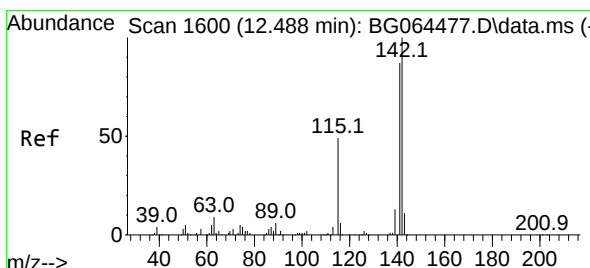
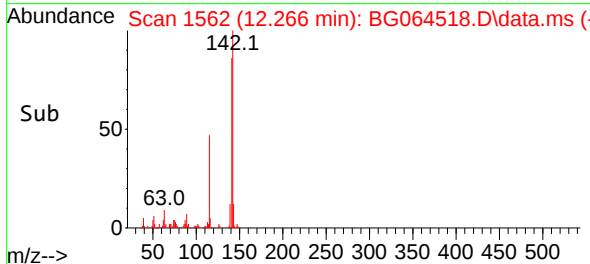
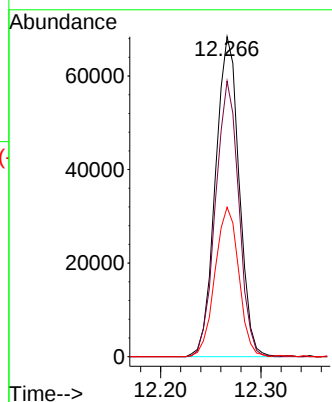
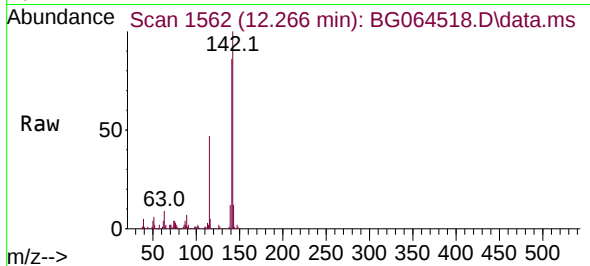
PB170133BS

Tgt Ion:142 Resp: 112406
Ion Ratio Lower Upper
142 100
141 86.1 68.7 103.1
115 46.7 39.3 58.9

Manual Integrations

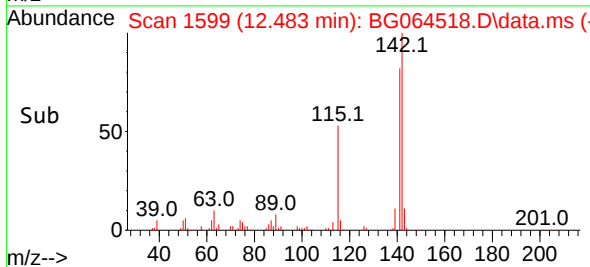
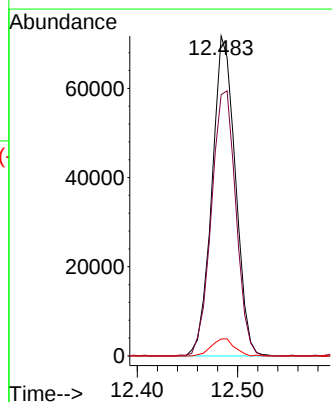
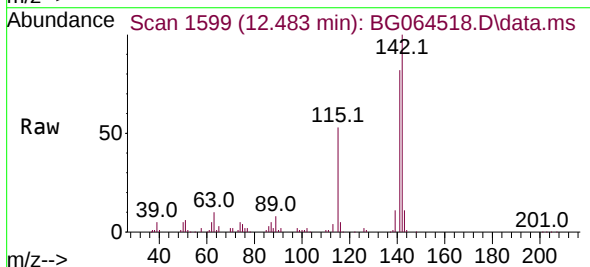
APPROVED

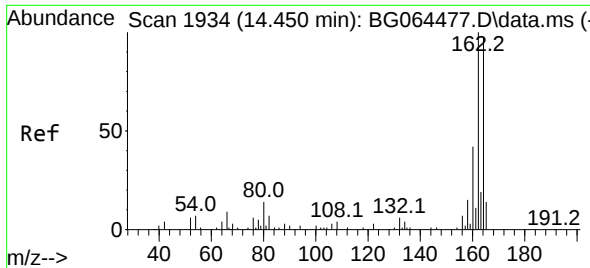
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#38
1-Methylnaphthalene
Concen: 44.404 ng
RT: 12.483 min Scan# 1599
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:142 Resp: 116154
Ion Ratio Lower Upper
142 100
141 81.6 69.8 104.8
116 5.3 4.6 6.8





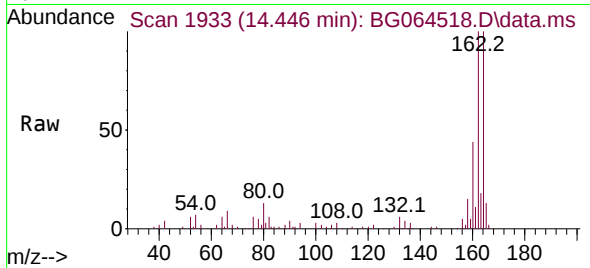
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

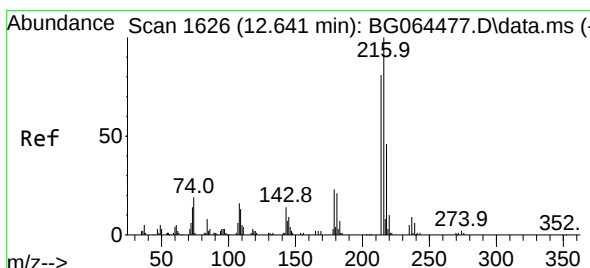
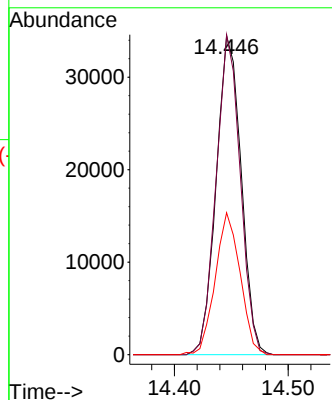
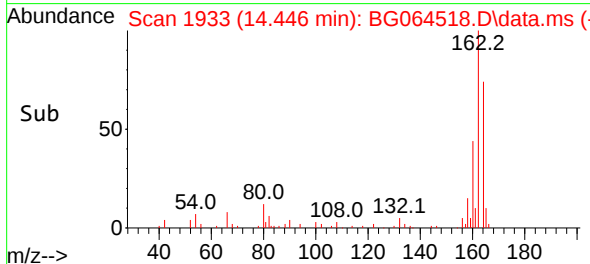


Tgt Ion:164 Resp: 52536
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 44.5 34.3 51.5

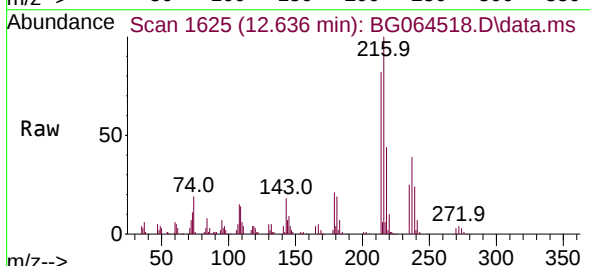
Manual Integrations

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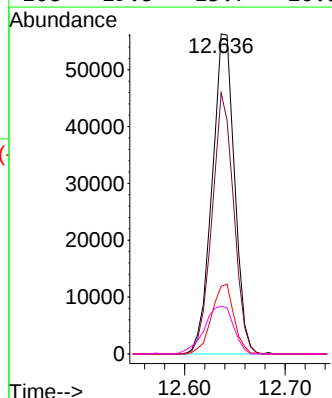
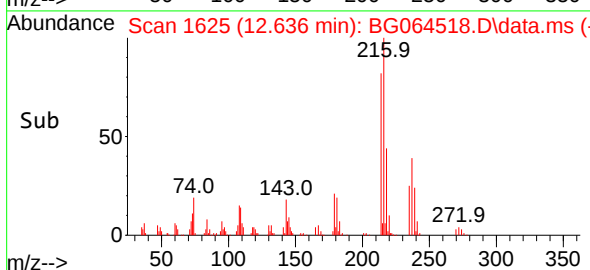
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

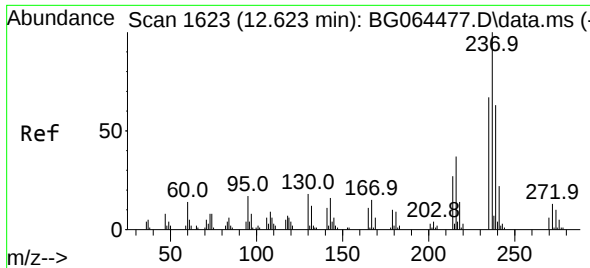


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.617 ng
RT: 12.636 min Scan# 1625
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



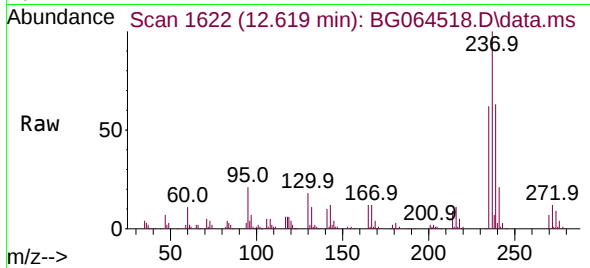
Tgt Ion:216 Resp: 87558
Ion Ratio Lower Upper
216 100
214 78.9 62.5 93.7
179 21.7 17.0 25.6
108 19.5 13.7 20.5





#41
Hexachlorocyclopentadiene
Concen: 143.137 ng
RT: 12.619 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

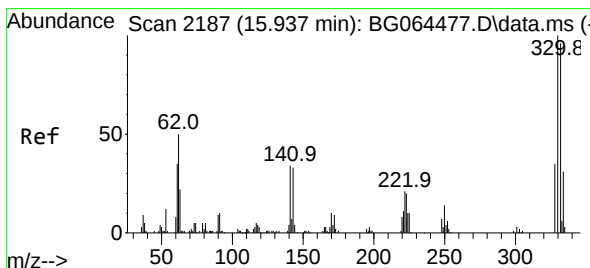
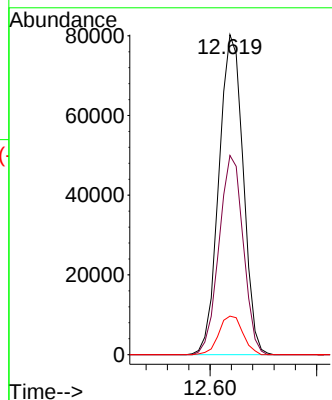
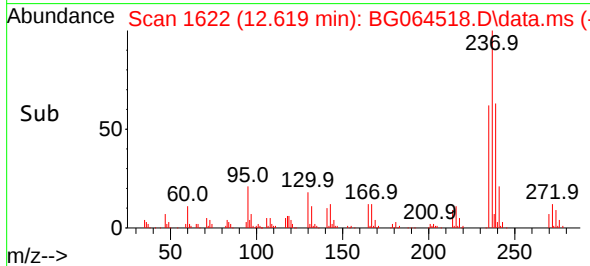
Instrument :
BNA_G
ClientSampleId :
PB170133BS



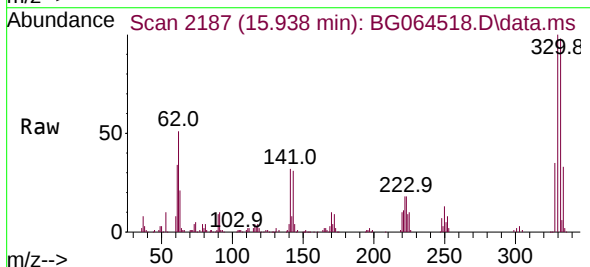
Tgt Ion:237 Resp: 127008
Ion Ratio Lower Upper
237 100
235 62.2 46.9 86.9
272 12.0 0.0 32.6

Manual Integrations
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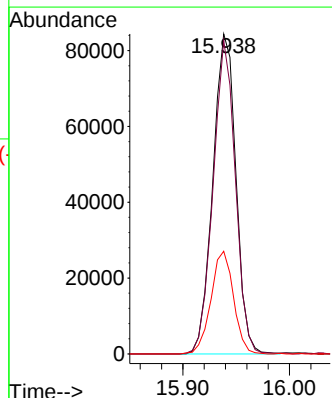
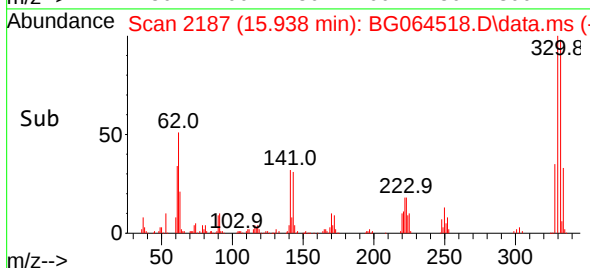
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

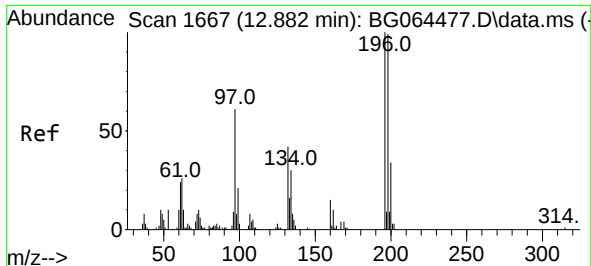


#42
2,4,6-Tribromophenol
Concen: 133.198 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



Tgt Ion:330 Resp: 126843
Ion Ratio Lower Upper
330 100
332 94.7 77.4 116.0
141 31.4 25.8 38.6





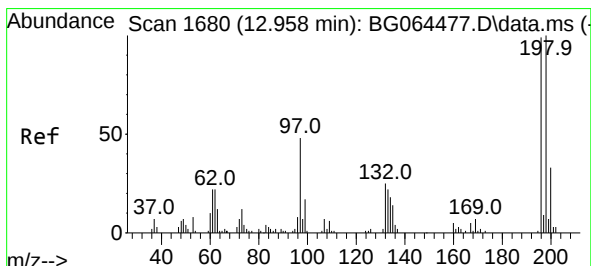
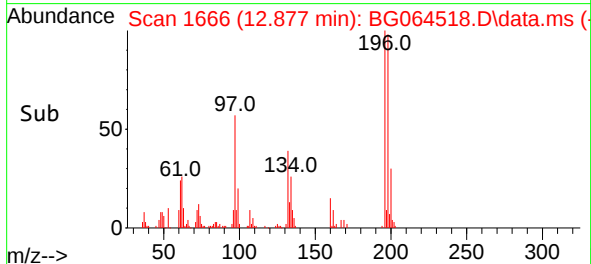
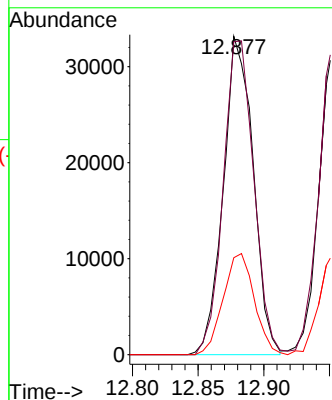
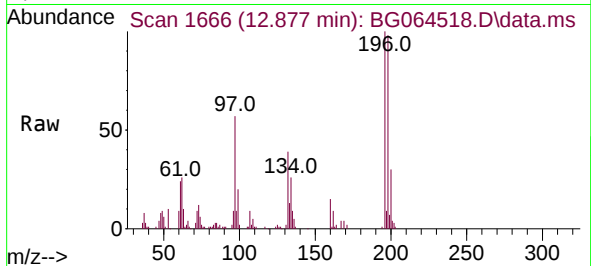
#43
2,4,6-Trichlorophenol
Concen: 48.331 ng
RT: 12.877 min Scan# 1666
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :
BNA_G
ClientSampleId :
PB170133BS

Tgt Ion:196 Resp: 52409
Ion Ratio Lower Upper
196 100
198 98.3 79.3 118.9
200 30.4 27.4 41.2

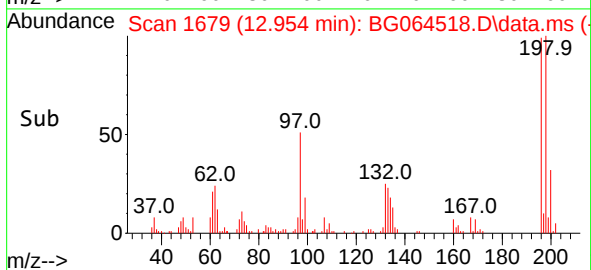
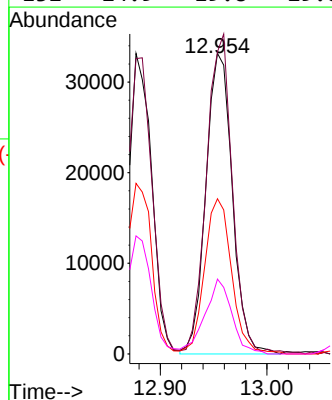
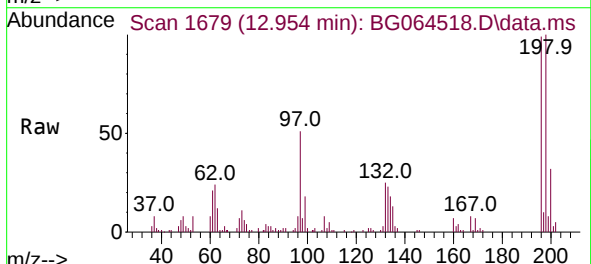
Manual Integrations
APPROVED

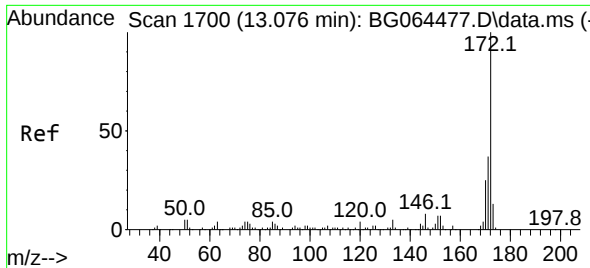
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#44
2,4,5-Trichlorophenol
Concen: 47.283 ng
RT: 12.954 min Scan# 1679
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:196 Resp: 57242
Ion Ratio Lower Upper
196 100
198 100.5 80.3 120.5
97 51.6 39.4 59.0
132 24.9 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 84.042 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

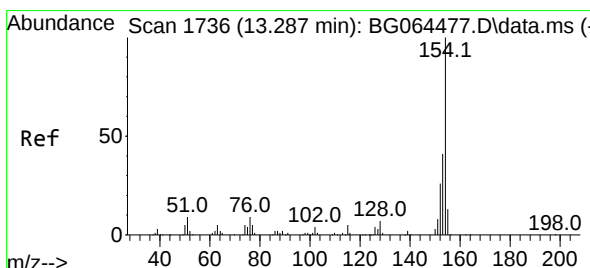
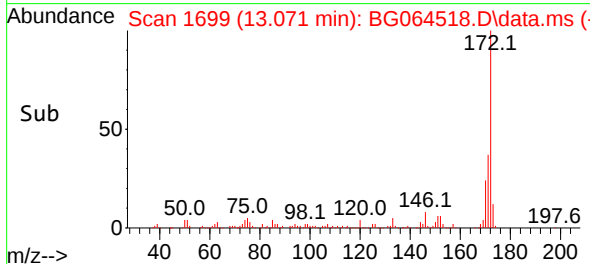
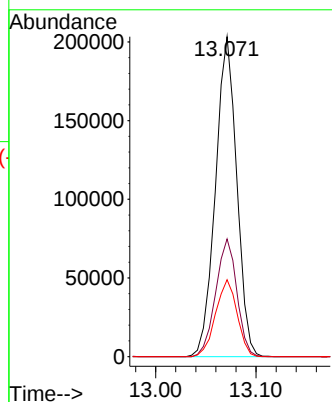
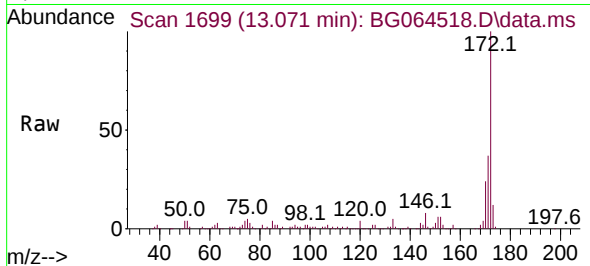
PB170133BS

Tgt Ion:172 Resp: 299540
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.0 20.2 30.2

Manual Integrations

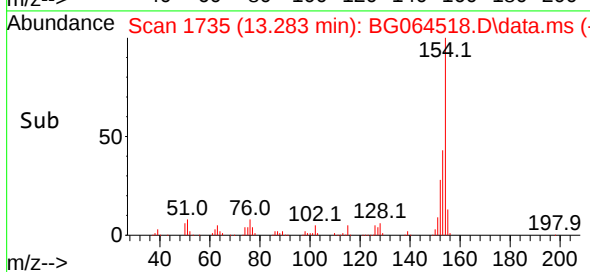
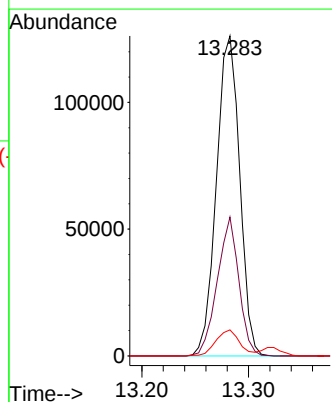
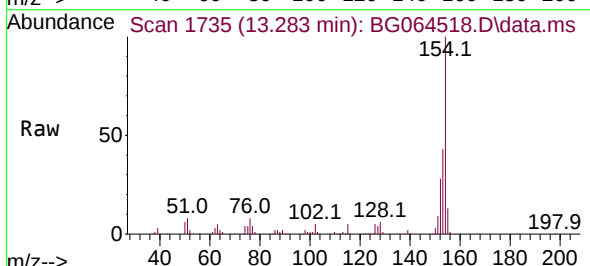
APPROVED

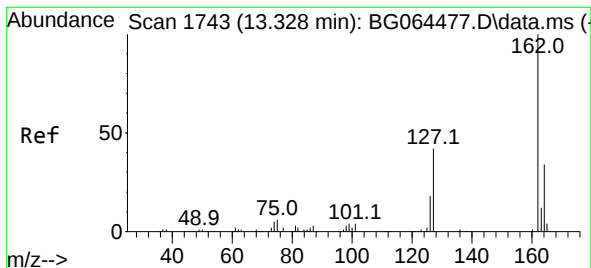
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#46
1,1'-Biphenyl
Concen: 50.710 ng
RT: 13.283 min Scan# 1735
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

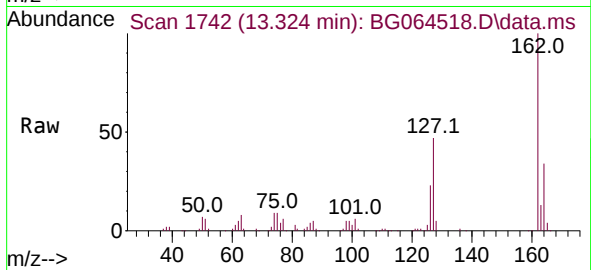
Tgt Ion:154 Resp: 191610
Ion Ratio Lower Upper
154 100
153 43.4 20.7 60.7
76 8.1 0.0 29.3





#47
2-Chloronaphthalene
Concen: 44.506 ng
RT: 13.324 min Scan# 1743
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

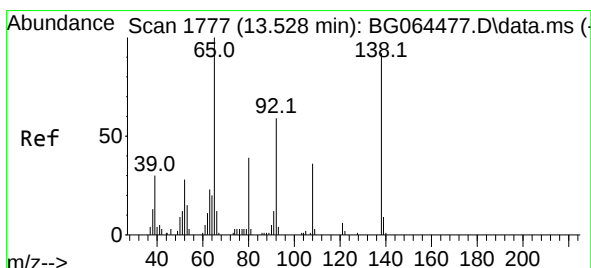
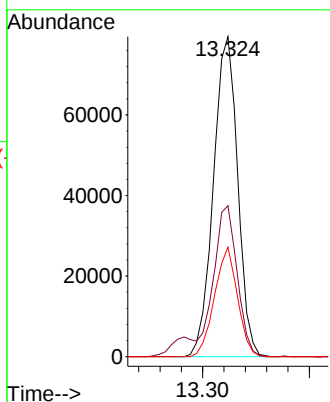
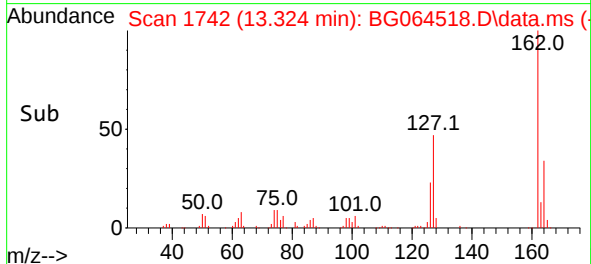
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion:162 Resp: 12555
Ion Ratio Lower Upper
162 100
127 47.2 35.8 53.8
164 34.2 27.2 40.8

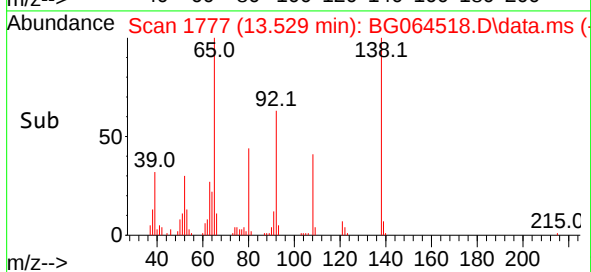
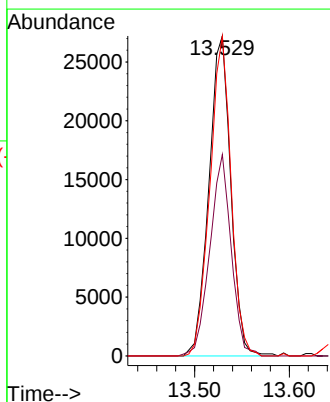
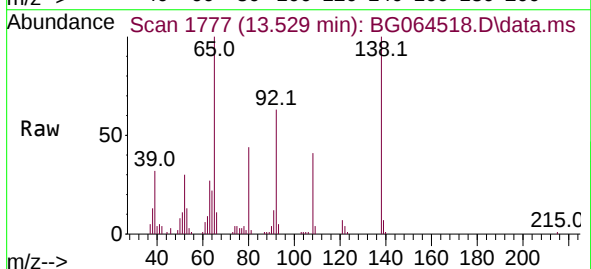
Manual Integrations
APPROVED

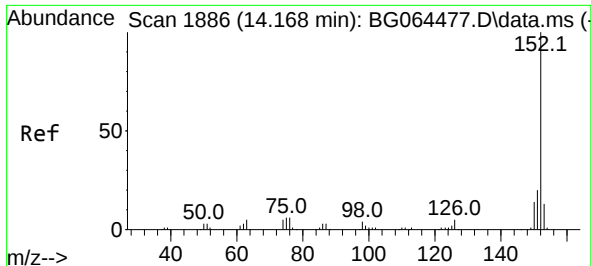
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#48
2-Nitroaniline
Concen: 45.185 ng
RT: 13.529 min Scan# 1777
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion: 65 Resp: 43507
Ion Ratio Lower Upper
65 100
92 62.9 47.0 70.6
138 99.9 73.5 110.3





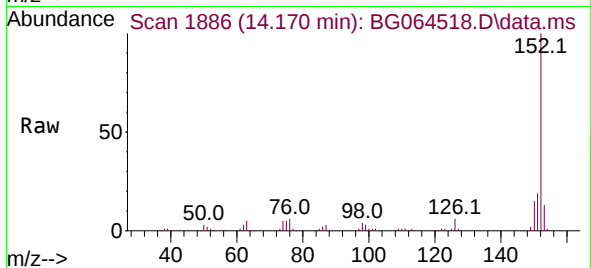
#49
Acenaphthylene
Concen: 51.625 ng
RT: 14.170 min Scan# 1886
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS



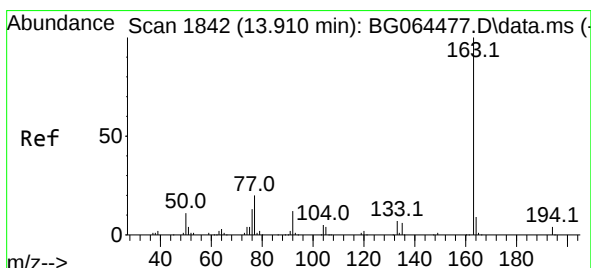
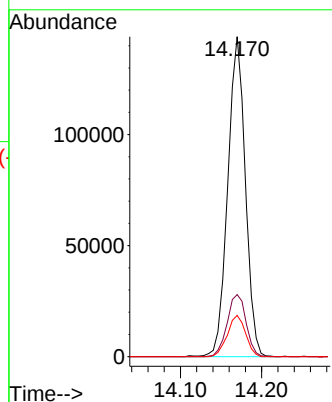
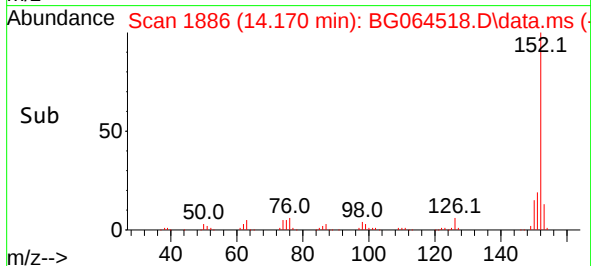
Tgt Ion:152 Resp: 216199
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 12.9 10.6 15.8

Manual Integrations

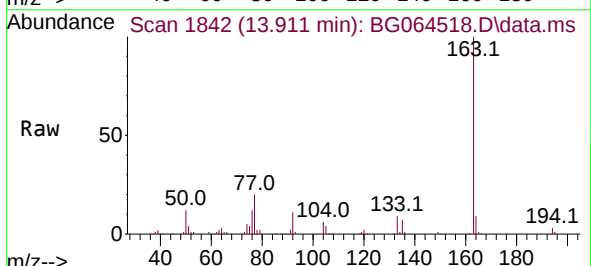
APPROVED

Reviewed By :Rahul Chavli 10/17/2025

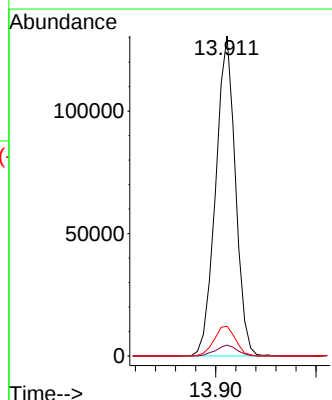
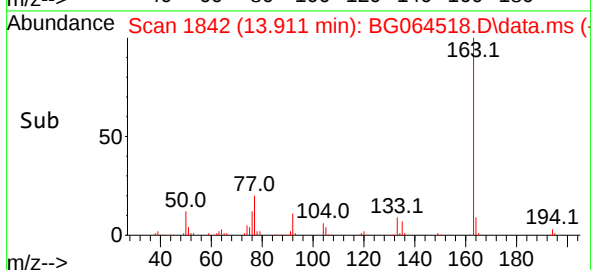
Supervised By :Jagrut Upadhyay 10/17/2025

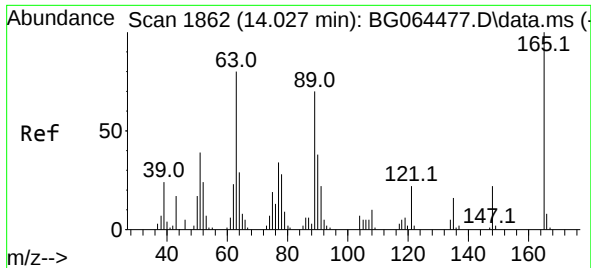


#50
Dimethylphthalate
Concen: 43.447 ng
RT: 13.911 min Scan# 1842
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



Tgt Ion:163 Resp: 178769
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.3 7.4 11.0





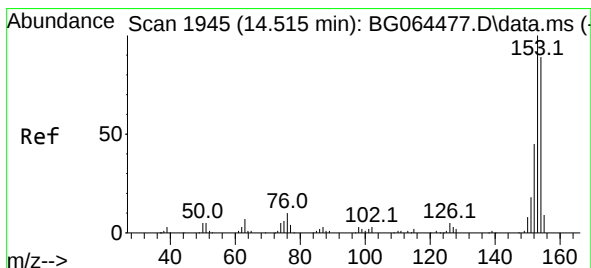
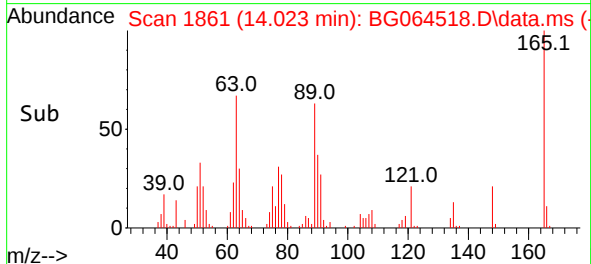
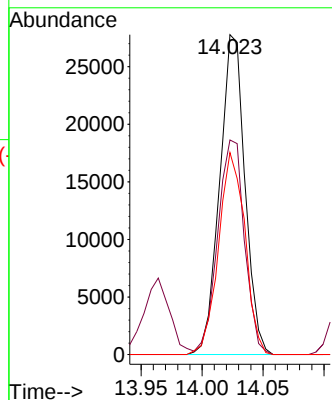
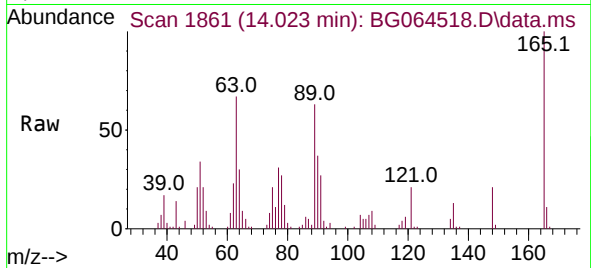
#51
2,6-Dinitrotoluene
Concen: 46.784 ng
RT: 14.023 min Scan# 1862
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :
BNA_G
ClientSampleId :
PB170133BS

Tgt Ion:165 Resp: 40100
Ion Ratio Lower Upper
165 100
63 67.1 63.9 95.9
89 63.1 56.1 84.1

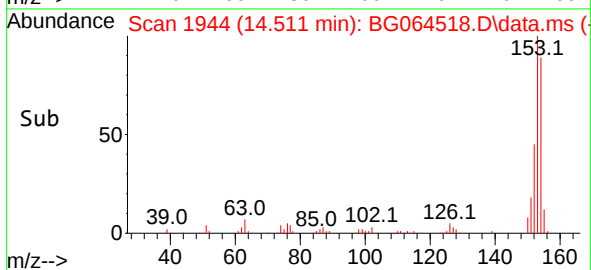
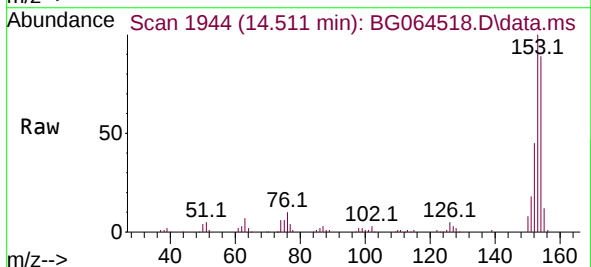
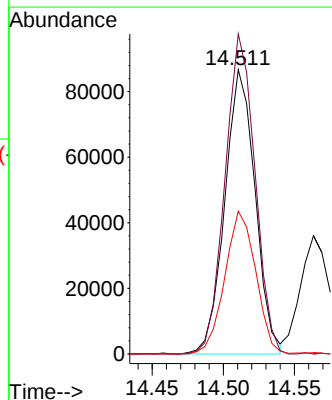
Manual Integrations
APPROVED

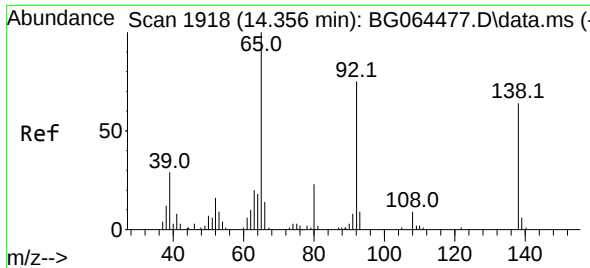
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#52
Acenaphthene
Concen: 44.259 ng
RT: 14.511 min Scan# 1944
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:154 Resp: 128773
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.4
152 50.2 40.2 60.4





#53
3-Nitroaniline
Concen: 26.675 ng
RT: 14.352 min Scan# 1918
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

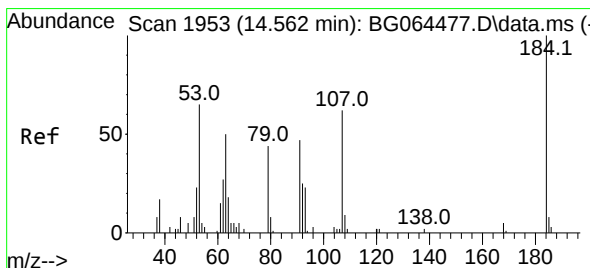
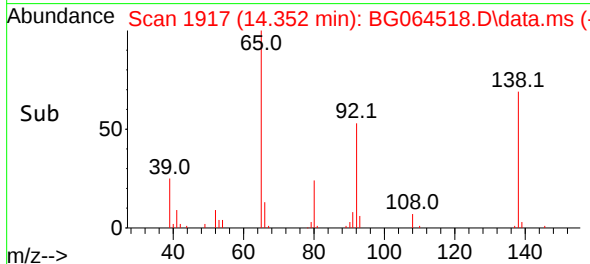
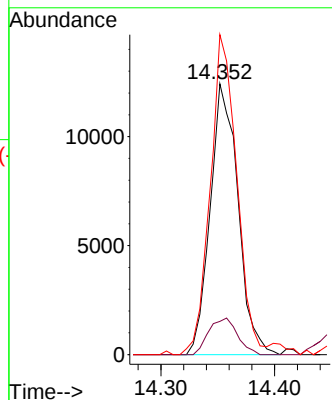
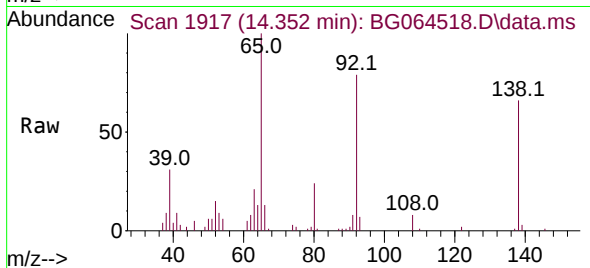
Tgt Ion:138 Resp: 21086
Ion Ratio Lower Upper
138 100
108 12.3 10.6 15.8
92 118.2 93.2 139.8

Manual Integrations

APPROVED

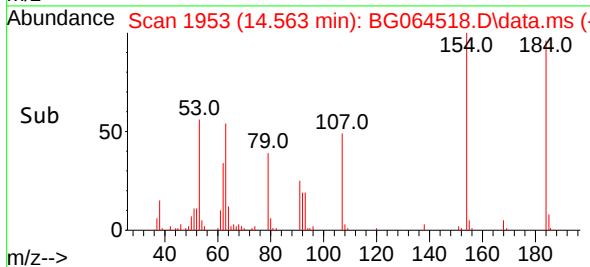
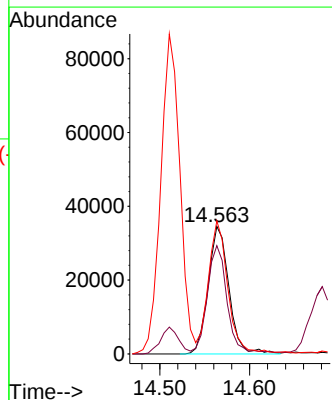
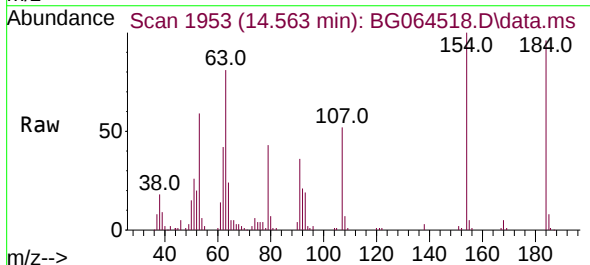
Reviewed By :Rahul Chavli 10/17/2025

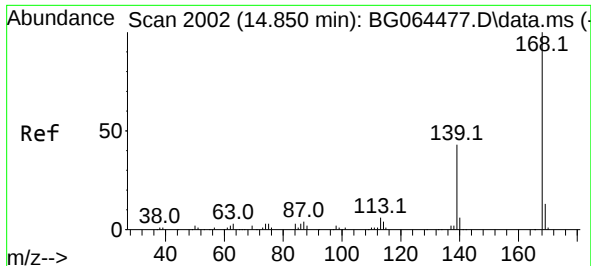
Supervised By :Jagrut Upadhyay 10/17/2025



#54
2,4-Dinitrophenol
Concen: 88.904 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

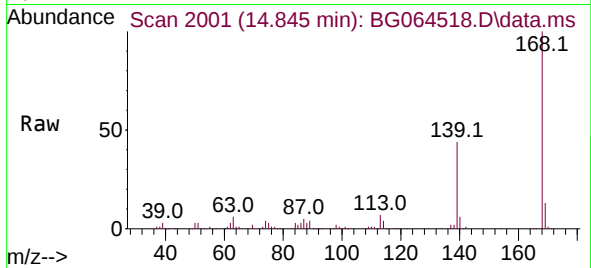
Tgt Ion:184 Resp: 55255
Ion Ratio Lower Upper
184 100
63 85.0 69.0 103.4
154 104.4 95.6 143.4





#55
Dibenzofuran
Concen: 44.941 ng
RT: 14.845 min Scan# 2002
Delta R.T. -0.002 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

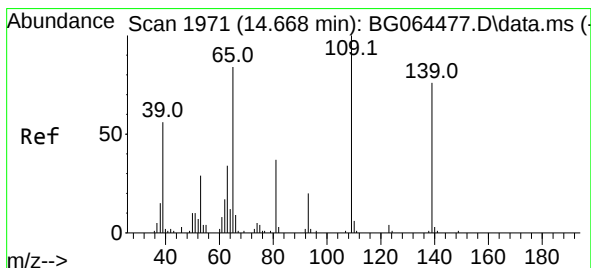
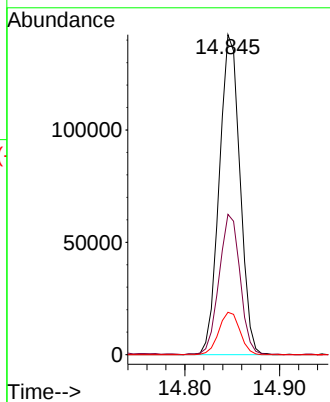
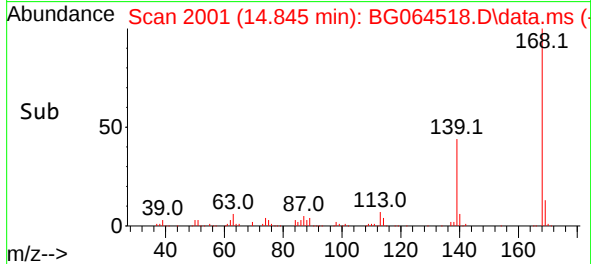
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion:168 Resp: 215899
Ion Ratio Lower Upper
168 100
139 43.8 34.0 51.0
169 13.2 10.2 15.2

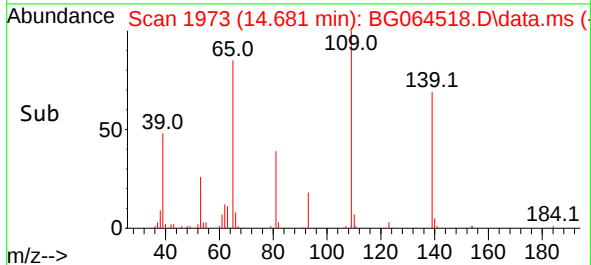
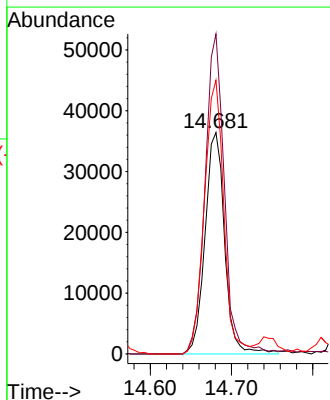
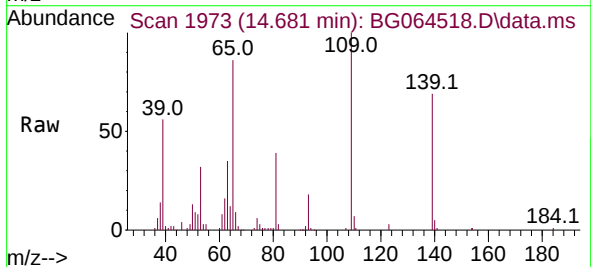
Manual Integrations
APPROVED

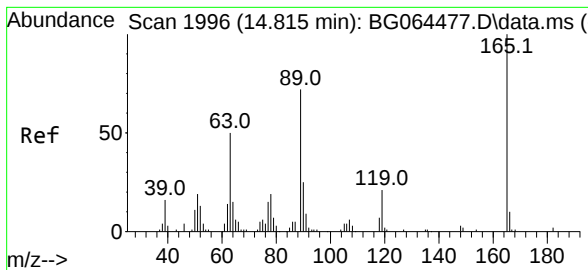
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#56
4-Nitrophenol
Concen: 98.154 ng
RT: 14.681 min Scan# 1973
Delta R.T. 0.016 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:139 Resp: 61087
Ion Ratio Lower Upper
139 100
109 144.5 111.8 151.8
65 123.6 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 46.730 ng
RT: 14.816 min Scan# 1996
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

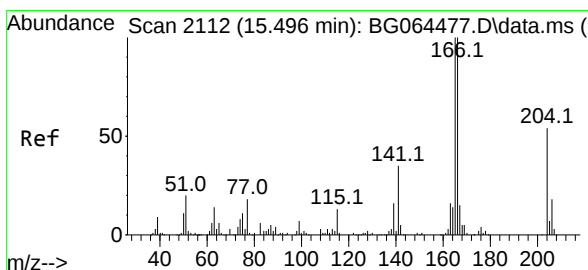
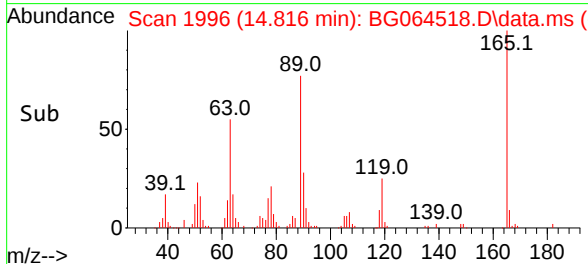
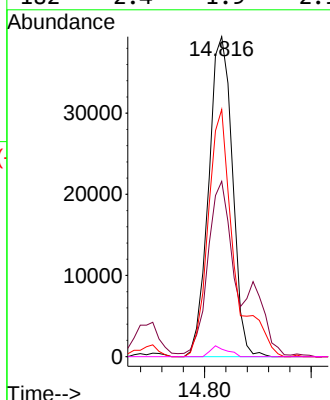
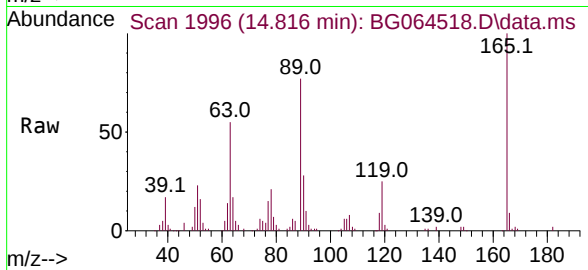
PB170133BS

Tgt Ion:165 Resp: 61230
Ion Ratio Lower Upper
165 100
63 54.8 40.4 60.6
89 77.2 57.3 85.9
182 2.4 1.9 2.9

Manual Integrations

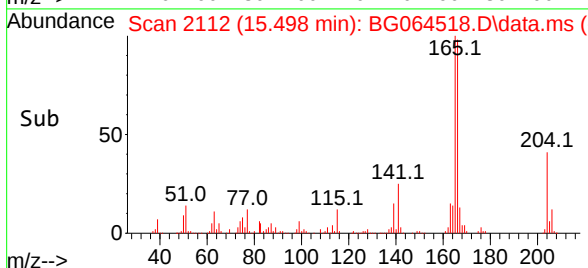
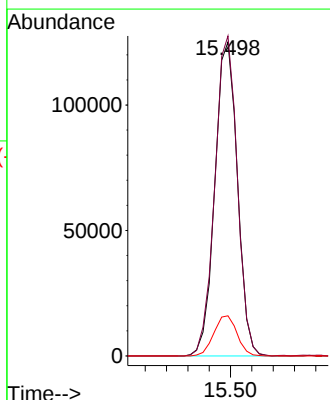
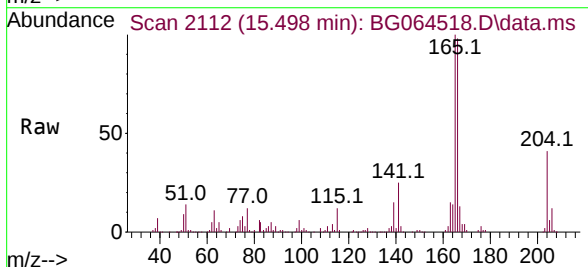
APPROVED

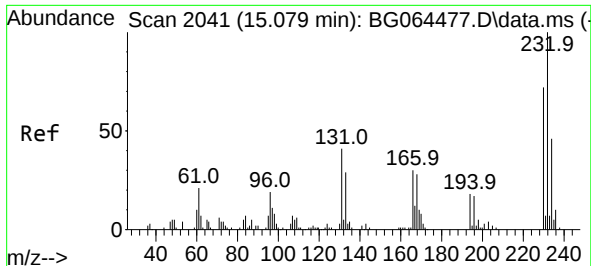
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#58
Fluorene
Concen: 46.047 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:166 Resp: 183903
Ion Ratio Lower Upper
166 100
165 101.9 79.8 119.6
167 12.8 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.258 ng m
RT: 15.080 min Scan# 2041
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

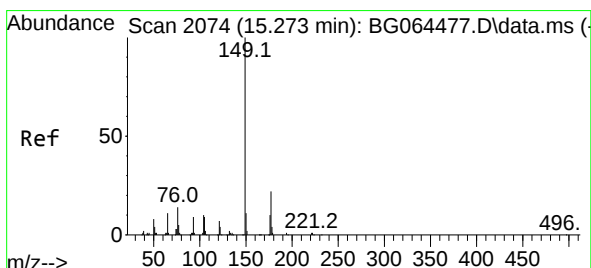
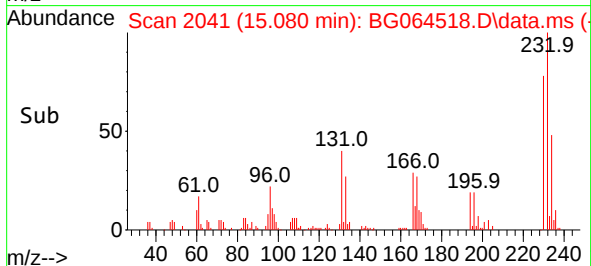
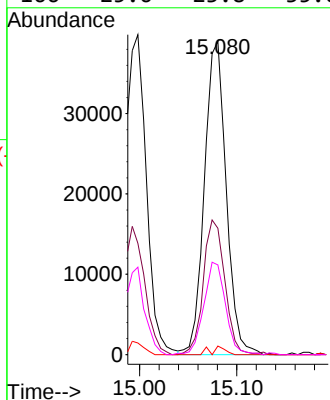
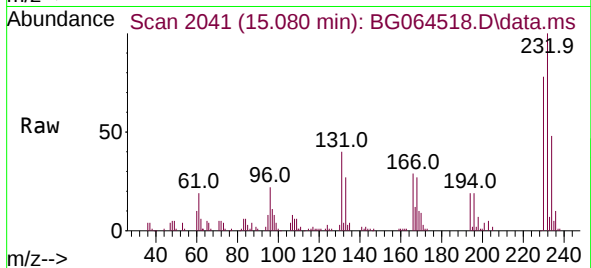
PB170133BS

Tgt Ion:232 Resp: 60858
Ion Ratio Lower Upper
232 100
131 39.6 35.0 52.4
130 2.9 2.0 3.0
166 25.6 23.8 35.6

Manual Integrations

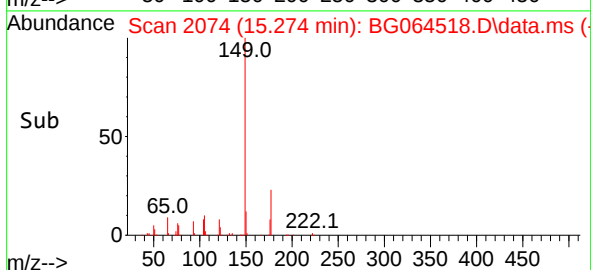
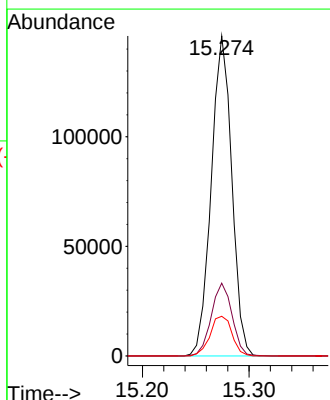
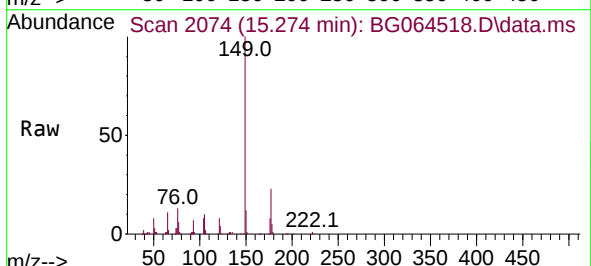
APPROVED

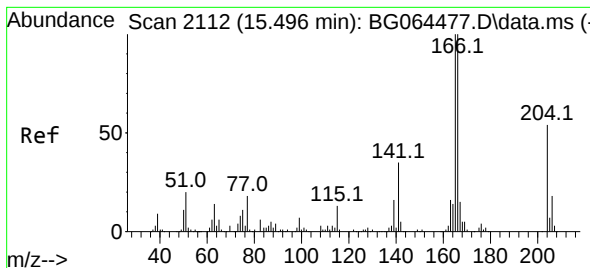
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#60
Diethylphthalate
Concen: 44.292 ng
RT: 15.274 min Scan# 2074
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:149 Resp: 195504
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.0
150 12.4 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 44.752 ng
RT: 15.492 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

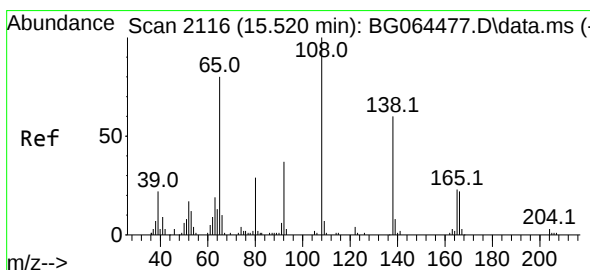
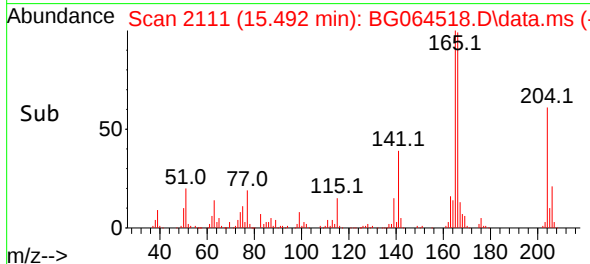
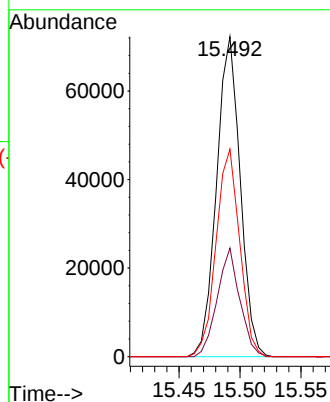
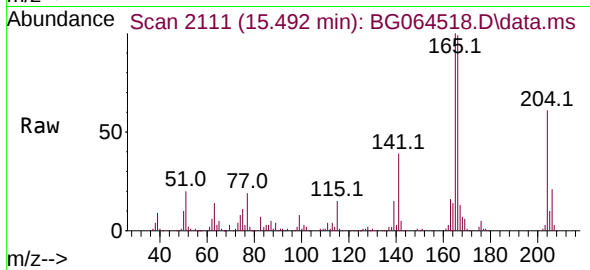
PB170133BS

Tgt Ion:204 Resp: 97578
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 64.8 51.5 77.3

Manual Integrations

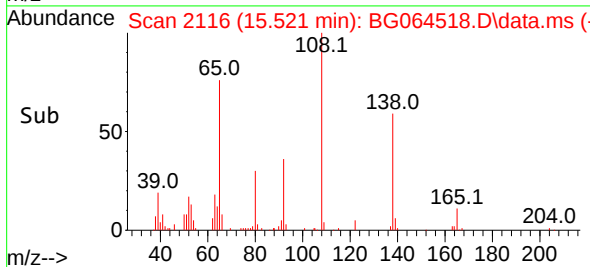
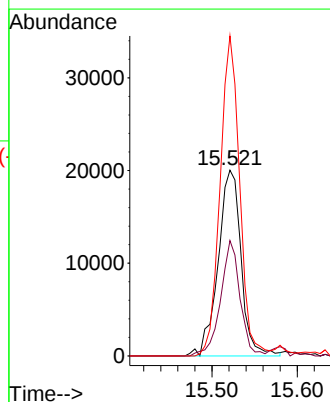
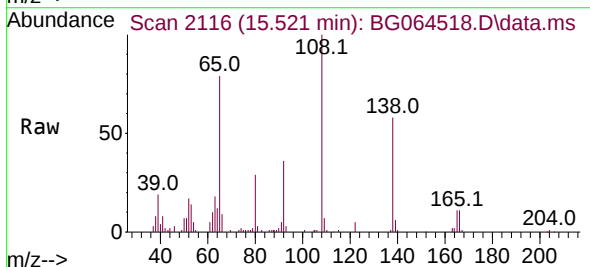
APPROVED

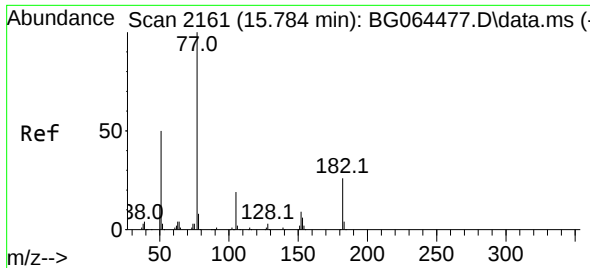
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#62
4-Nitroaniline
Concen: 45.462 ng
RT: 15.521 min Scan# 2116
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

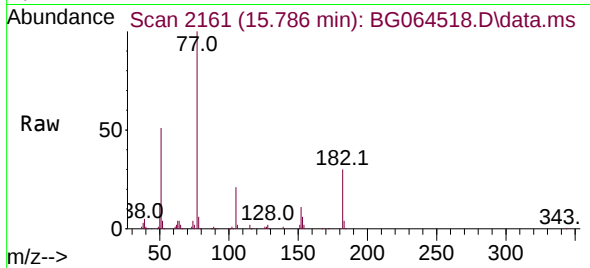
Tgt Ion:138 Resp: 37456
Ion Ratio Lower Upper
138 100
92 62.1 42.3 82.3
108 172.3 147.7 187.7





#63
Azobenzene
Concen: 44.149 ng
RT: 15.786 min Scan# 2161
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

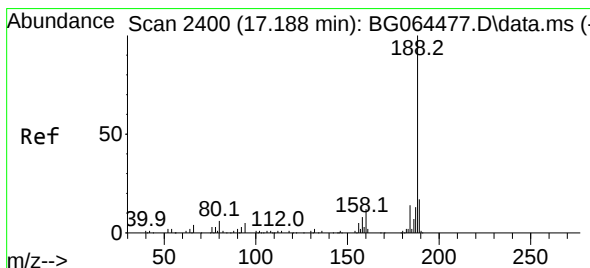
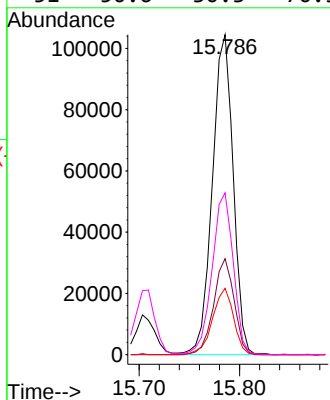
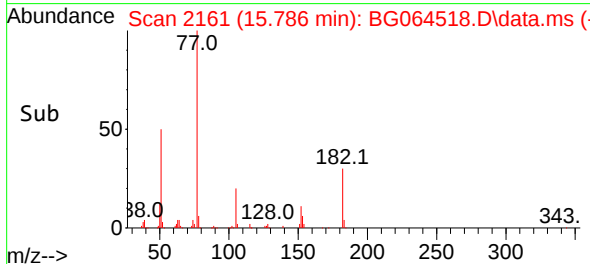
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion: 77 Resp: 150921
Ion Ratio Lower Upper
77 100
182 30.0 6.3 46.3
105 20.7 0.0 38.7
51 50.6 30.3 70.3

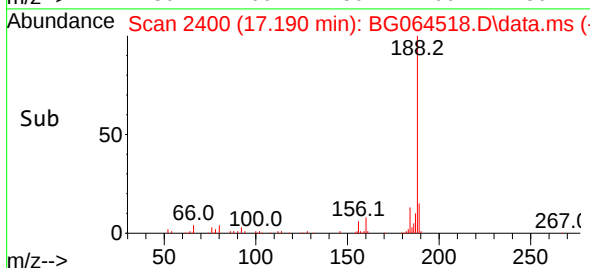
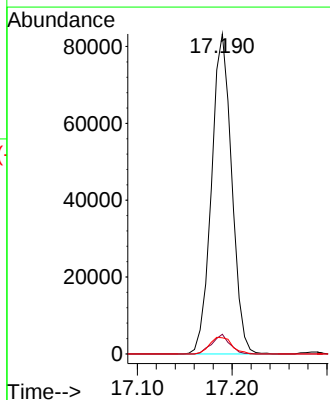
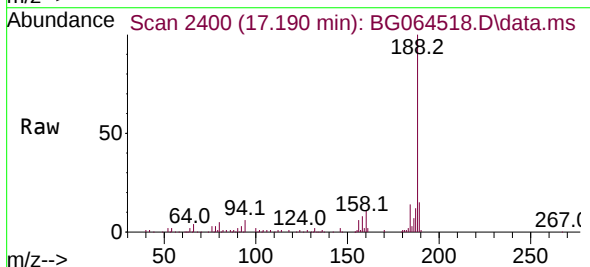
Manual Integrations
APPROVED

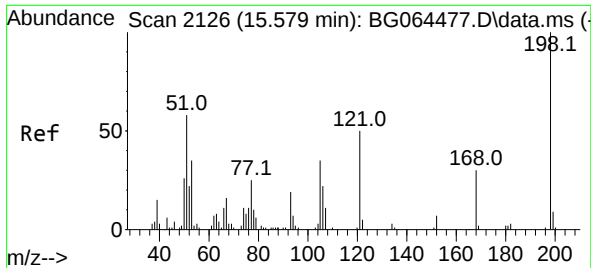
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

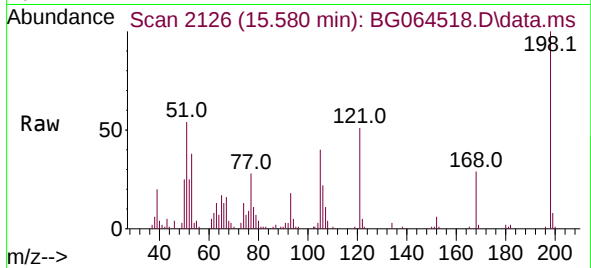
Tgt Ion:188 Resp: 123287
Ion Ratio Lower Upper
188 100
94 6.1 3.7 5.5#
80 5.0 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 48.186 ng
RT: 15.580 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

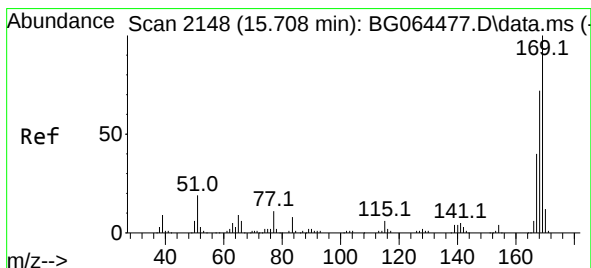
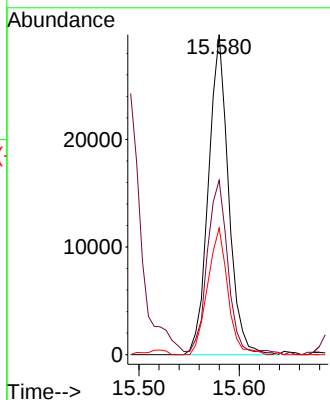
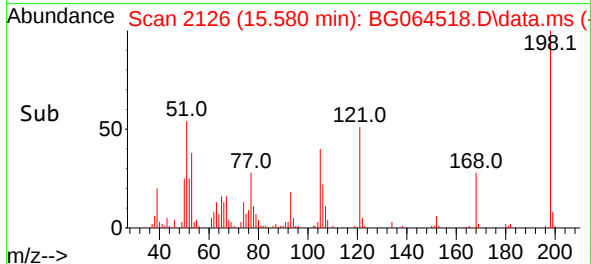
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion:198 Resp: 41363
Ion Ratio Lower Upper
198 100
51 54.5 39.0 79.0
105 39.5 15.8 55.8

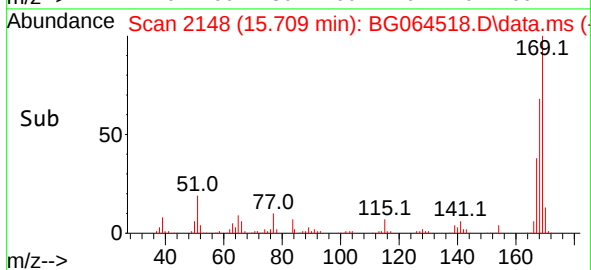
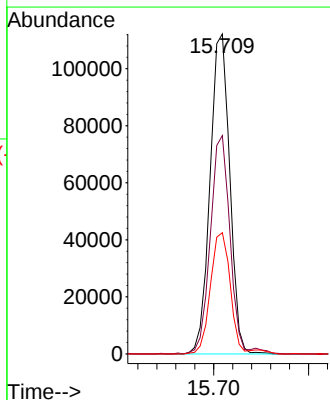
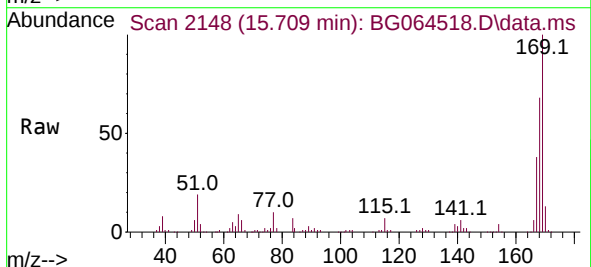
Manual Integrations
APPROVED

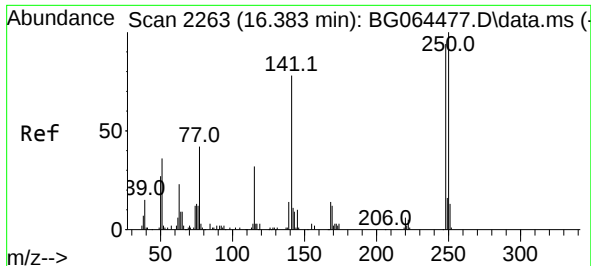
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#66
n-Nitrosodiphenylamine
Concen: 49.078 ng
RT: 15.709 min Scan# 2148
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

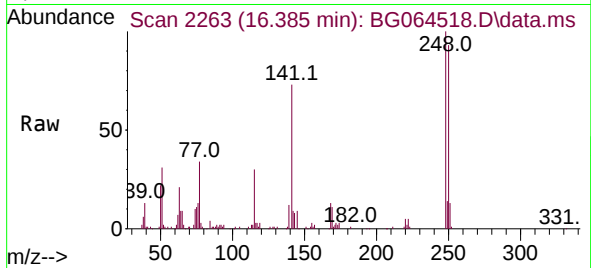
Tgt Ion:169 Resp: 161576
Ion Ratio Lower Upper
169 100
168 68.2 57.8 86.6
167 37.9 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 48.325 ng
RT: 16.385 min Scan# 211
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

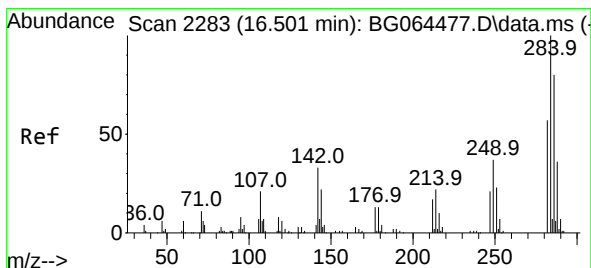
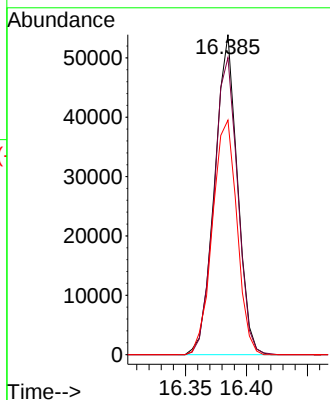
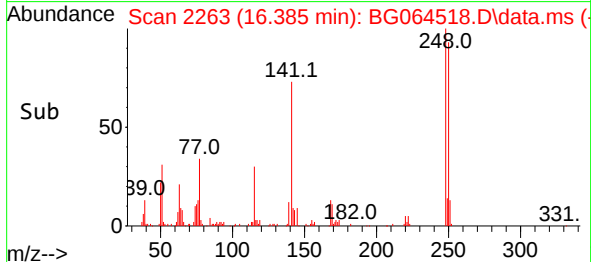
Instrument :
BNA_G
ClientSampleId :
PB170133BS



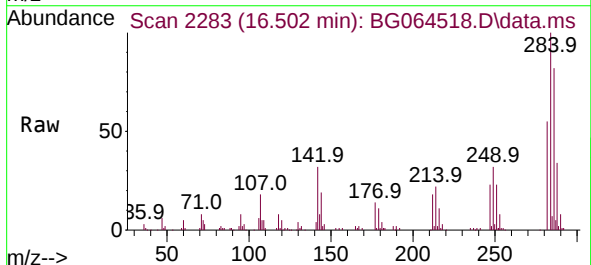
Tgt Ion:248 Resp: 70110
Ion Ratio Lower Upper
248 100
250 92.8 85.3 127.9
141 73.3 66.2 99.2

Manual Integrations
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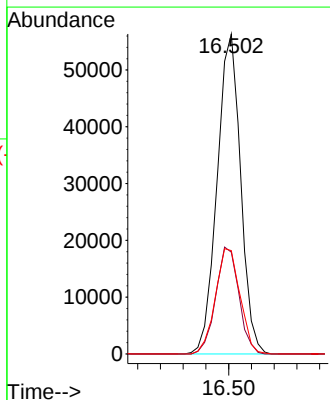
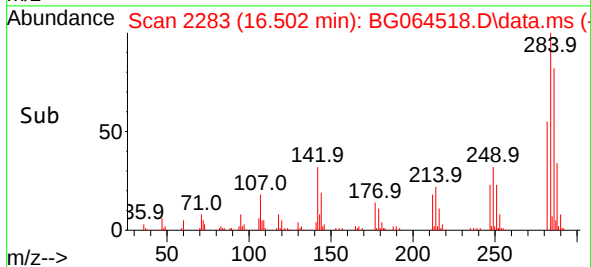
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

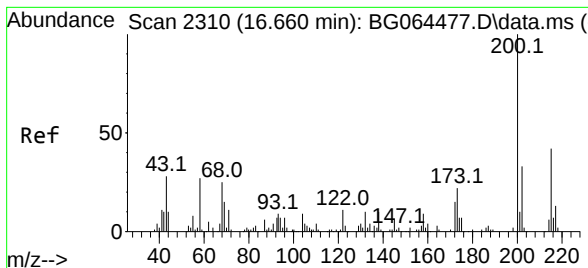


#68
Hexachlorobenzene
Concen: 48.630 ng
RT: 16.502 min Scan# 2283
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



Tgt Ion:284 Resp: 80732
Ion Ratio Lower Upper
284 100
142 31.8 26.2 39.2
249 32.3 29.4 44.0





#69

Atrazine

Concen: 50.065 ng

RT: 16.661 min Scan# 2310

Delta R.T. 0.010 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

Tgt Ion:200 Resp: 7333

Ion Ratio Lower Upper

200 100

173 21.4 2.5 42.5

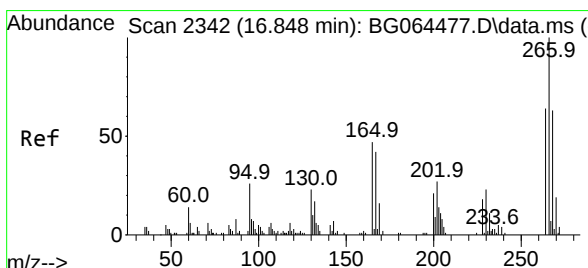
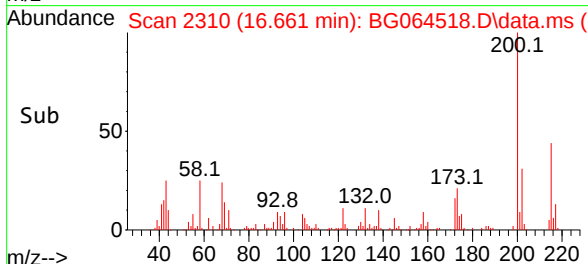
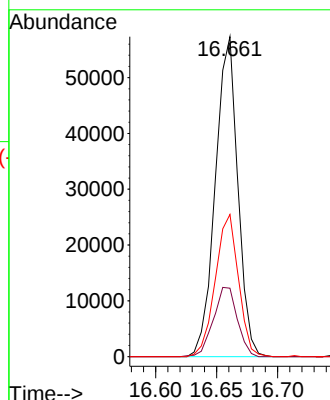
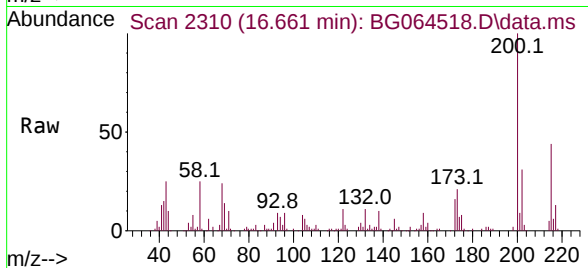
215 44.4 21.5 61.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#70

Pentachlorophenol

Concen: 106.448 ng

RT: 16.843 min Scan# 2341

Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

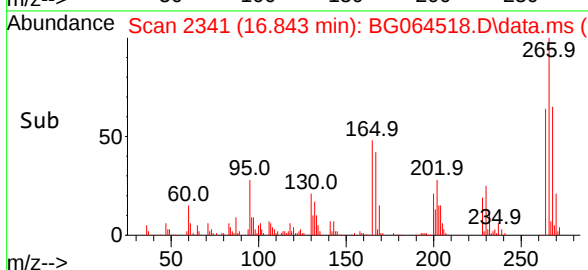
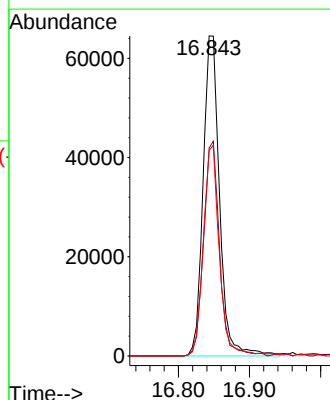
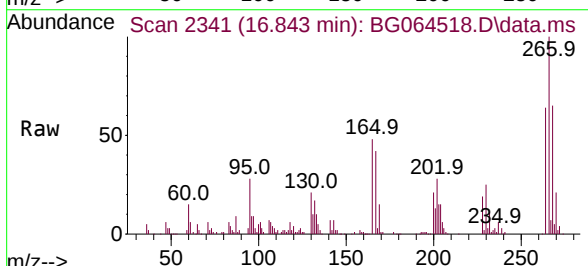
Tgt Ion:266 Resp: 103325

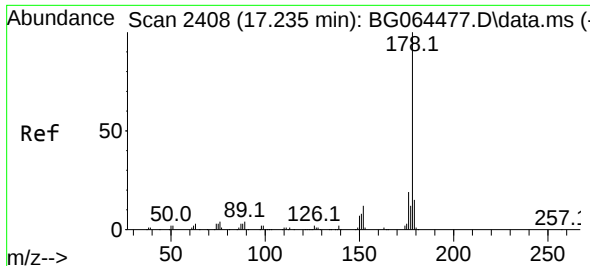
Ion Ratio Lower Upper

266 100

268 65.0 50.6 75.8

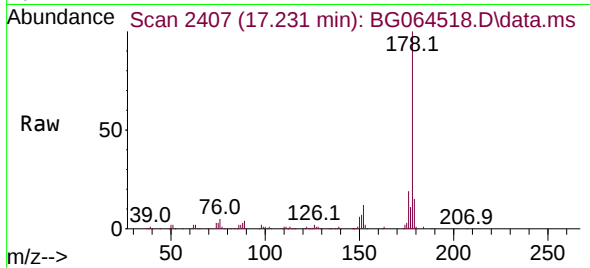
264 64.2 51.2 76.8





#71
Phenanthrene
Concen: 47.784 ng
RT: 17.231 min Scan# 2407
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

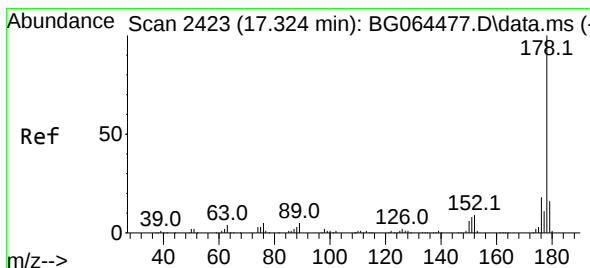
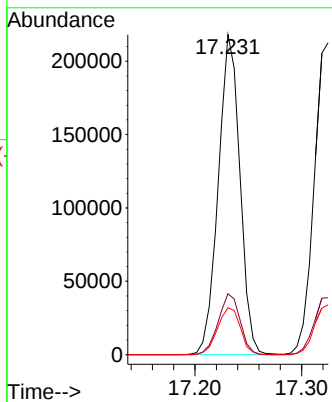
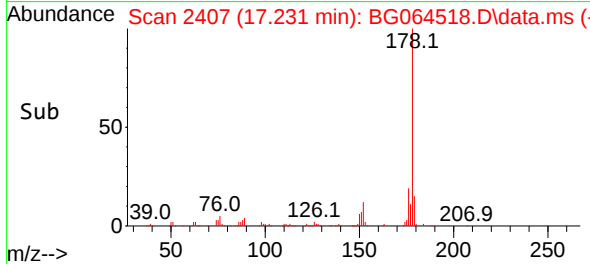
Instrument :
BNA_G
ClientSampleId :
PB170133BS



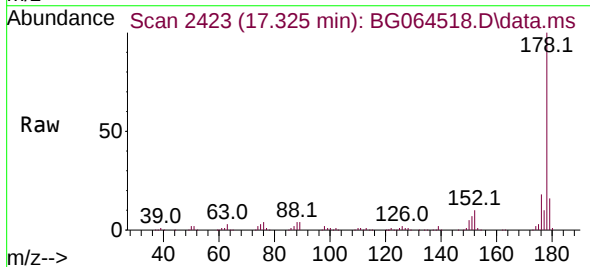
Tgt Ion:178 Resp: 308081
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 14.6 11.8 17.6

Manual Integrations
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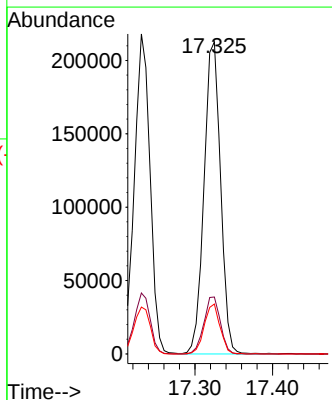
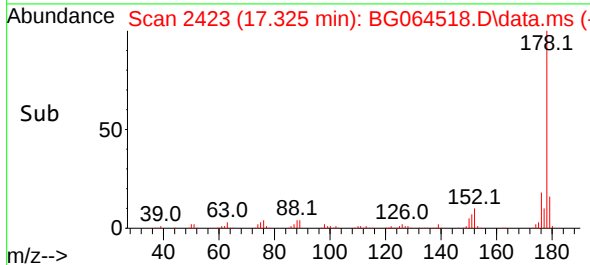
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

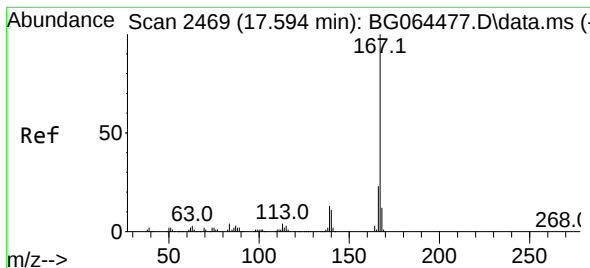


#72
Anthracene
Concen: 48.692 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



Tgt Ion:178 Resp: 314943
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 16.0 12.5 18.7





#73

Carbazole

Concen: 49.971 ng

RT: 17.595 min Scan# 2469

Delta R.T. 0.004 min

Lab File: BG064518.D

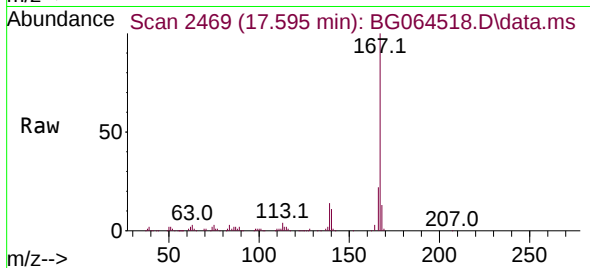
Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS



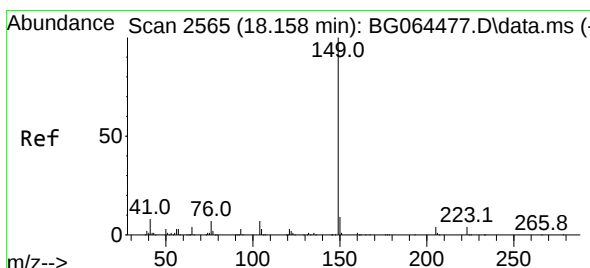
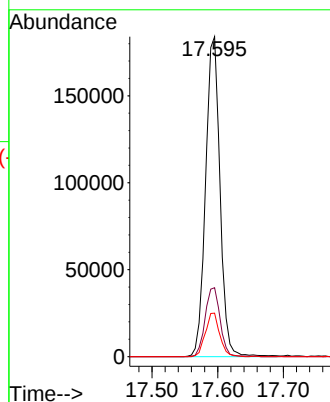
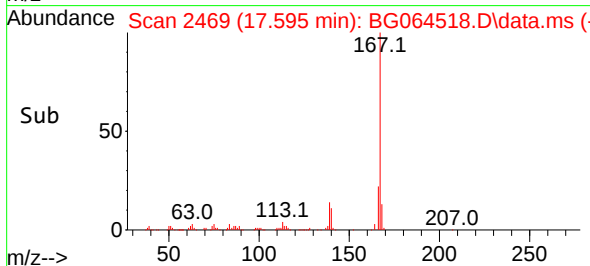
Tgt Ion:	167	Resp:	279379
Ion Ratio	Lower	Upper	
167	100		
166	21.5	18.6	27.8
139	13.6	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#74

Di-n-butylphthalate

Concen: 49.013 ng

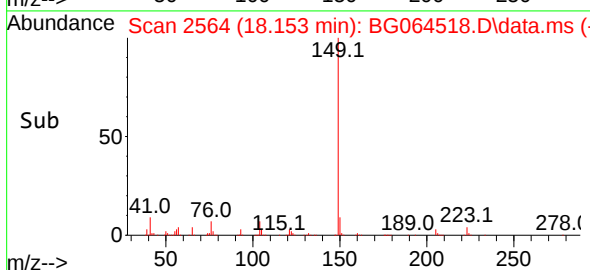
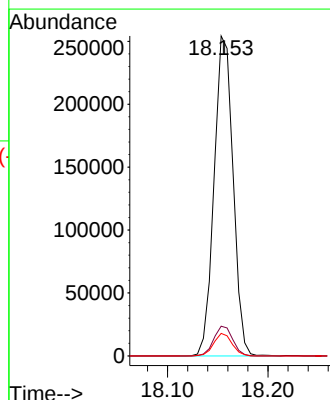
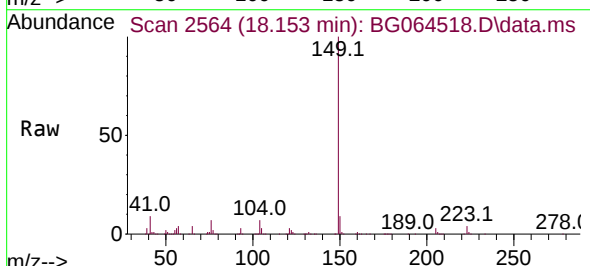
RT: 18.153 min Scan# 2564

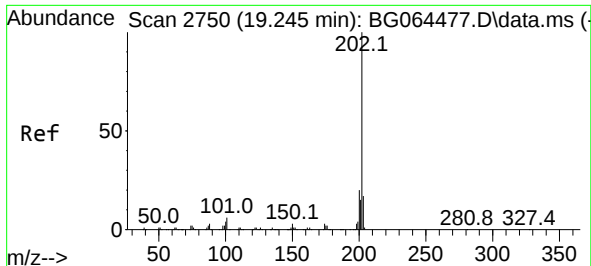
Delta R.T. -0.002 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

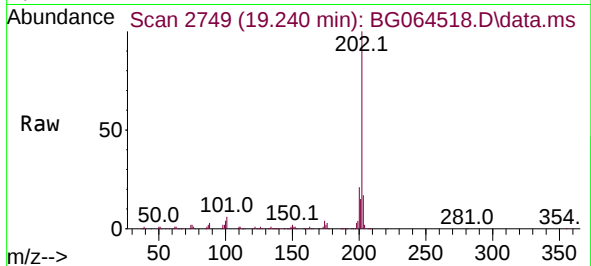
Tgt Ion:	149	Resp:	334508
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.2
104	7.0	5.3	7.9





#75
Fluoranthene
Concen: 50.756 ng
RT: 19.240 min Scan# 2750
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

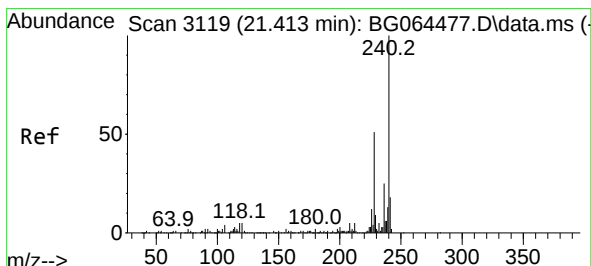
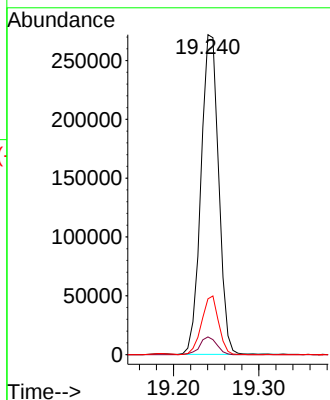
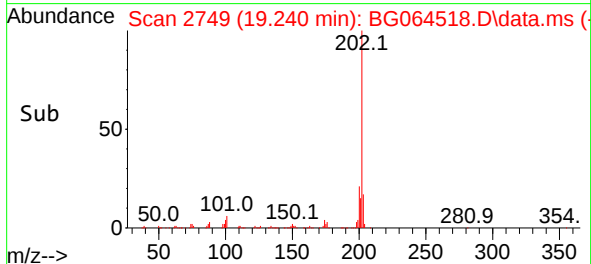
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion:202 Resp: 390939
Ion Ratio Lower Upper
202 100
101 5.5 0.0 25.7
203 17.4 0.0 36.6

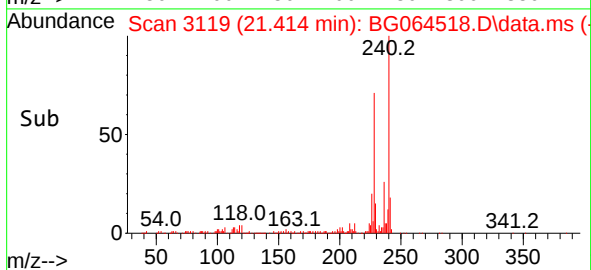
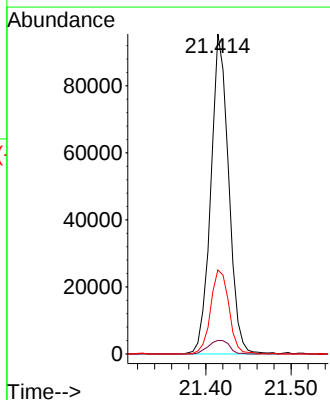
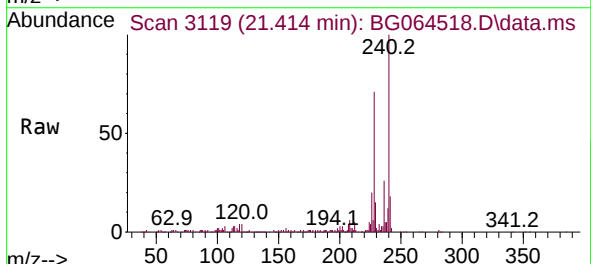
Manual Integrations
APPROVED

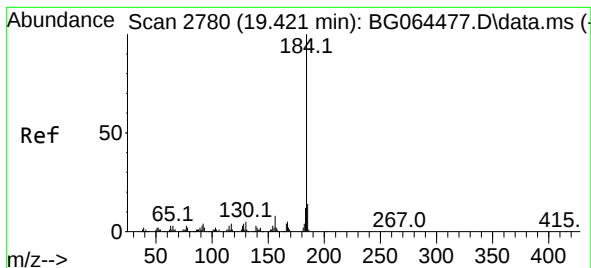
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:240 Resp: 138581
Ion Ratio Lower Upper
240 100
120 4.2 4.3 6.5#
236 26.2 20.4 30.6





#77

Benzidine

Concen: 27.553 ng

RT: 19.428 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

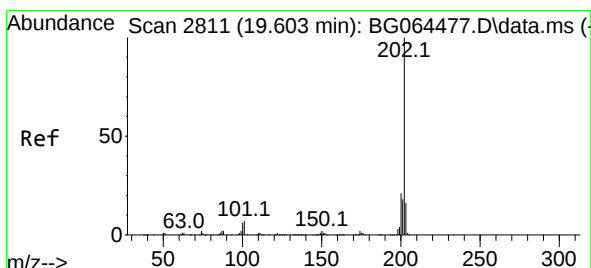
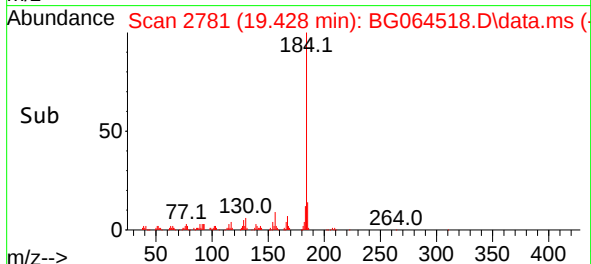
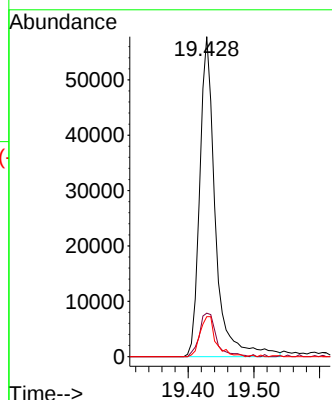
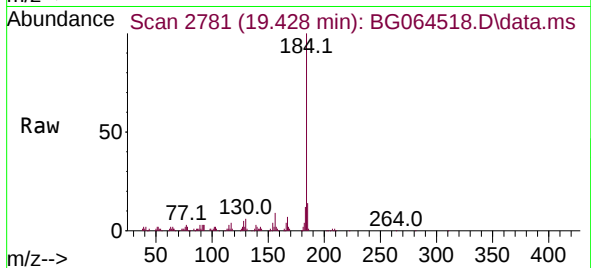
Tgt Ion:	184	Resp:	95013
Ion Ratio	Lower	Upper	
184	100		
185	13.6	10.9	16.3
183	12.5	9.8	14.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#78

Pyrene

Concen: 44.303 ng

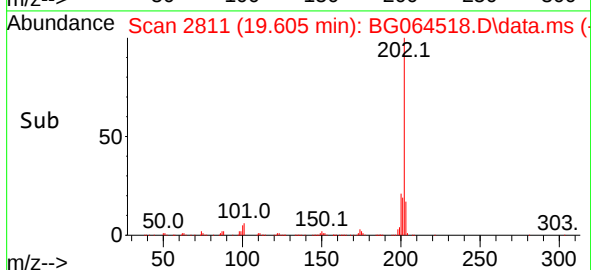
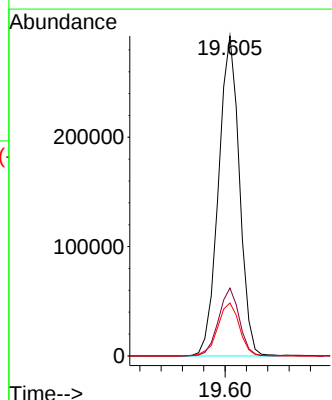
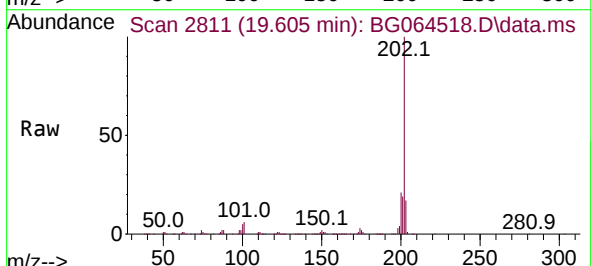
RT: 19.605 min Scan# 2811

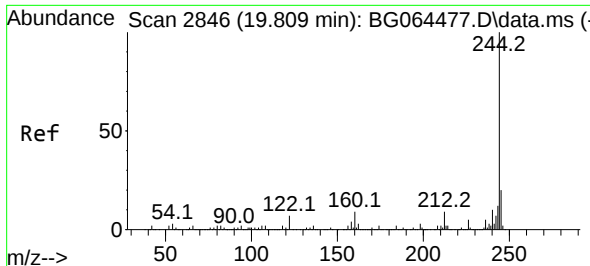
Delta R.T. 0.004 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Tgt Ion:	202	Resp:	398440
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	16.5	13.0	19.4





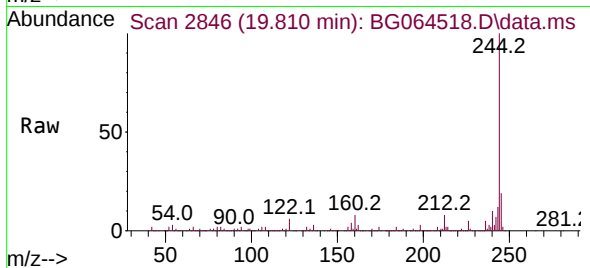
#79
 Terphenyl-d14
 Concen: 86.442 ng
 RT: 19.810 min Scan# 2846
 Delta R.T. 0.004 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

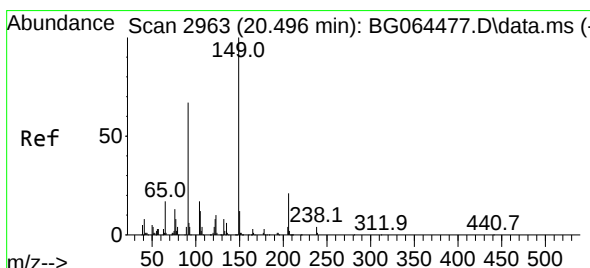
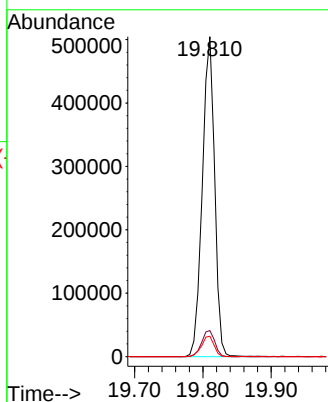
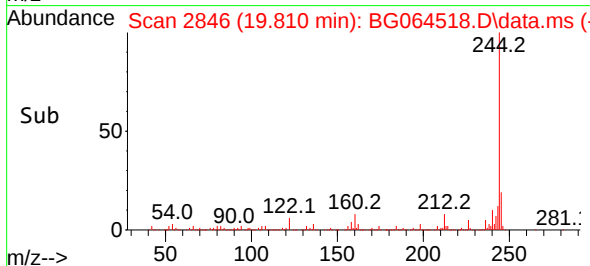


Tgt Ion:244 Resp: 632982
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.0 10.6
 122 6.4 5.6 8.4

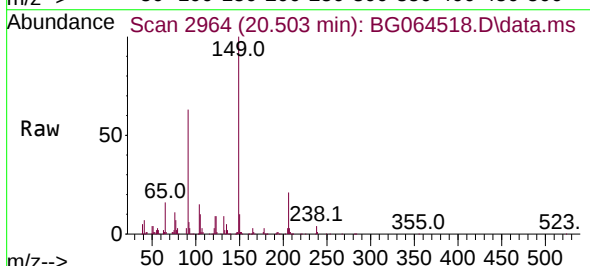
Manual Integrations

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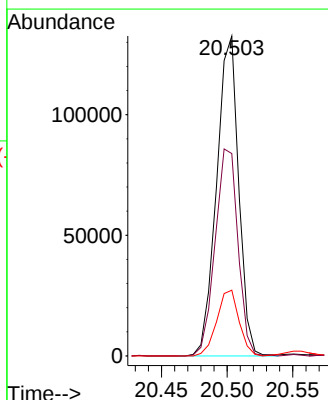
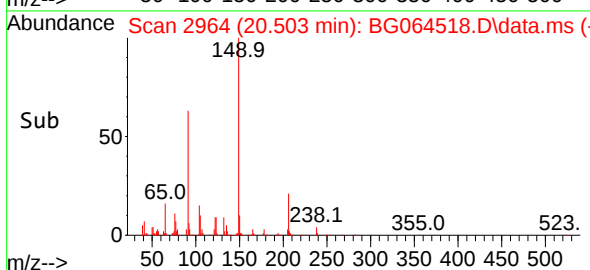
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

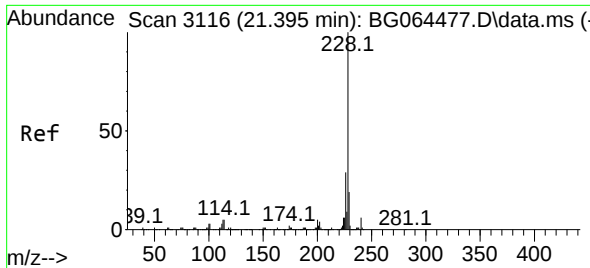


#80
 Butylbenzylphthalate
 Concen: 48.680 ng
 RT: 20.503 min Scan# 2964
 Delta R.T. 0.004 min
 Lab File: BG064518.D
 Acq: 16 Oct 2025 16:15



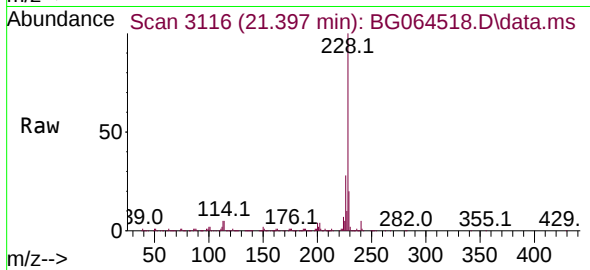
Tgt Ion:149 Resp: 155197
 Ion Ratio Lower Upper
 149 100
 91 63.2 53.7 80.5
 206 20.5 16.6 24.8





#81
Benzo(a)anthracene
Concen: 48.369 ng
RT: 21.397 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

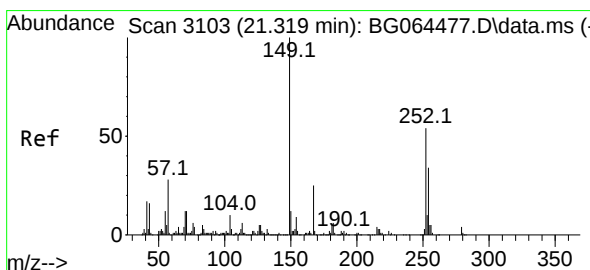
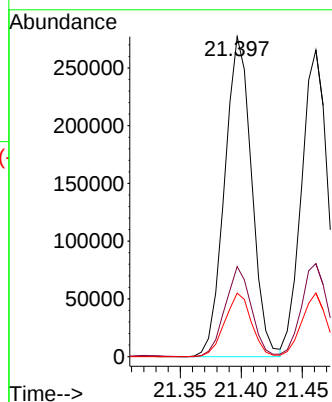
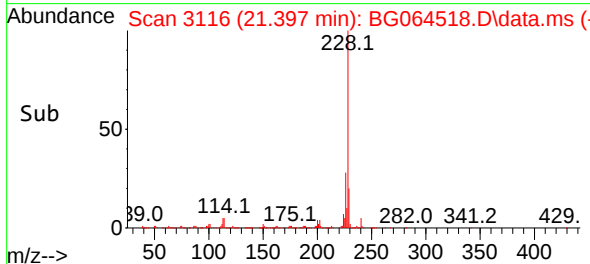
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion:228 Resp: 427989
Ion Ratio Lower Upper
228 100
226 28.1 22.8 34.2
229 19.8 15.2 22.8

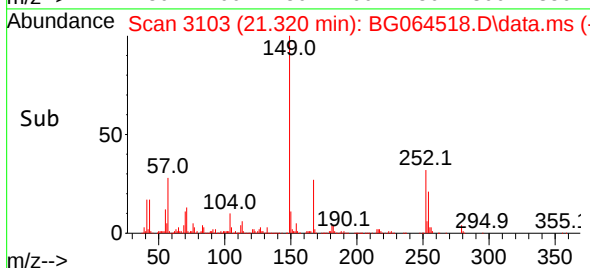
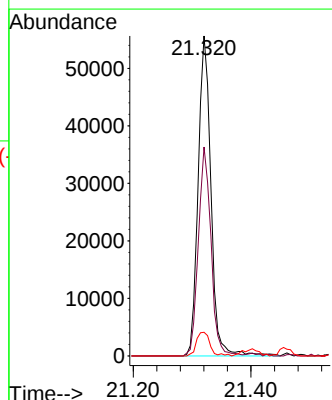
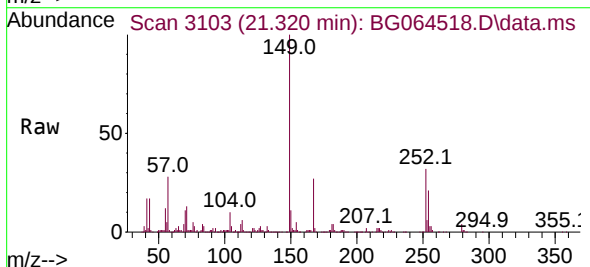
Manual Integrations
APPROVED

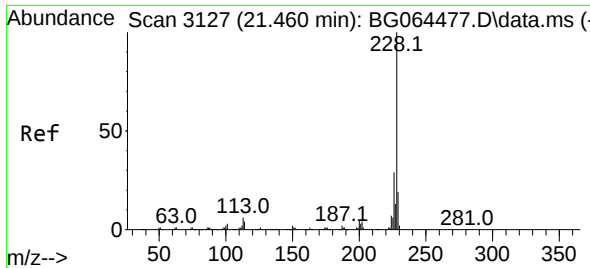
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#82
3,3'-Dichlorobenzidine
Concen: 28.124 ng
RT: 21.320 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

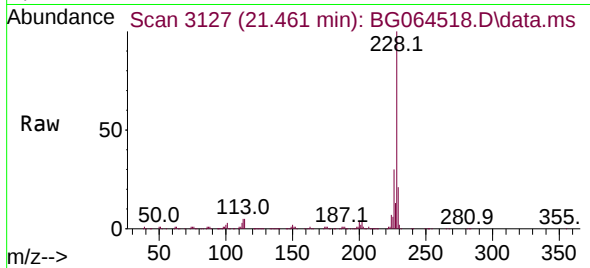
Tgt Ion:252 Resp: 84226
Ion Ratio Lower Upper
252 100
254 65.3 50.5 75.7
126 7.4 7.1 10.7





#83
Chrysene
Concen: 47.441 ng
RT: 21.461 min Scan# 3127
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

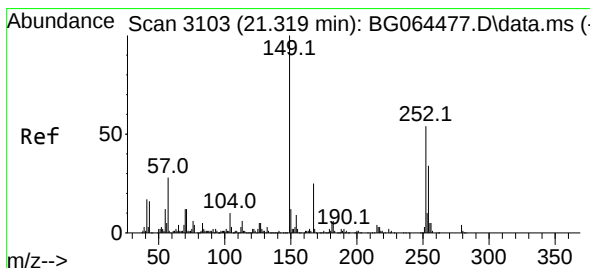
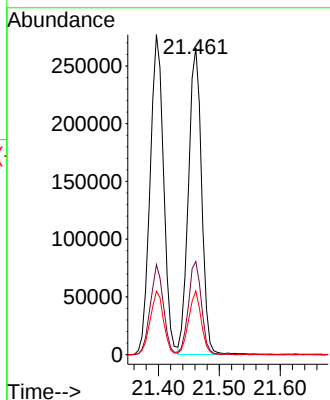
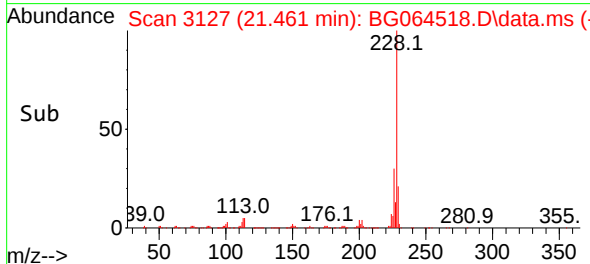
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion:228 Resp: 398106
Ion Ratio Lower Upper
228 100
226 30.4 22.8 34.2
229 20.7 15.4 23.0

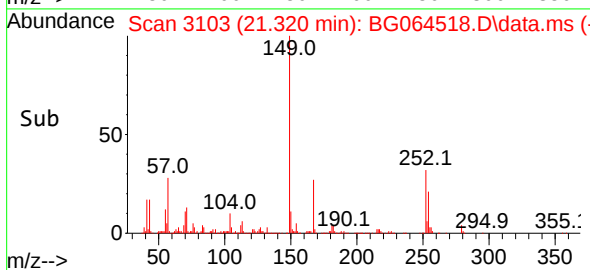
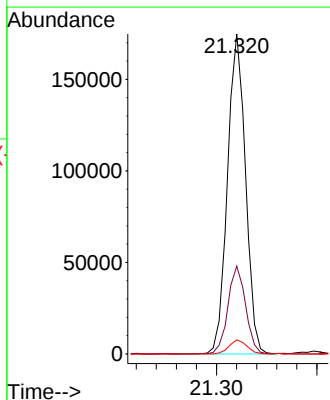
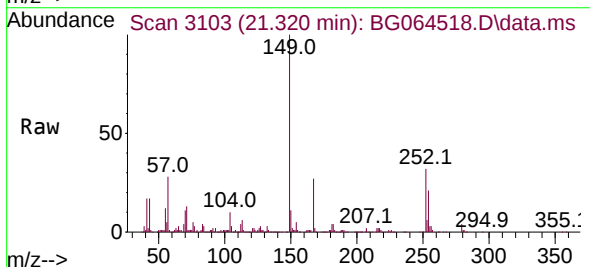
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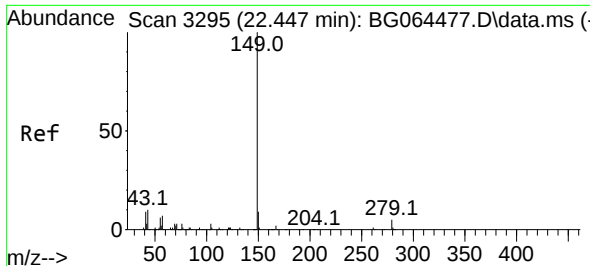
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.578 ng
RT: 21.320 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

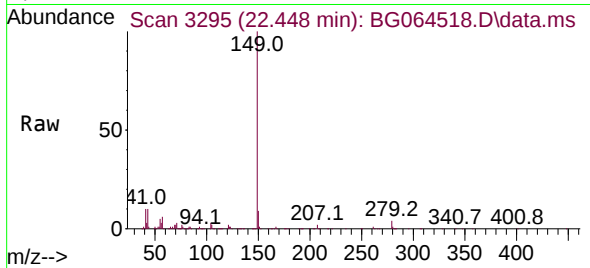
Tgt Ion:149 Resp: 218513
Ion Ratio Lower Upper
149 100
167 27.4 19.7 29.5
279 4.4 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 49.201 ng
RT: 22.448 min Scan# 31
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

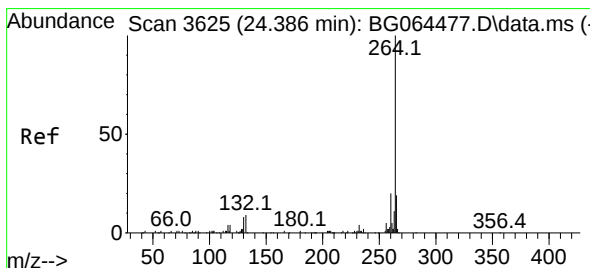
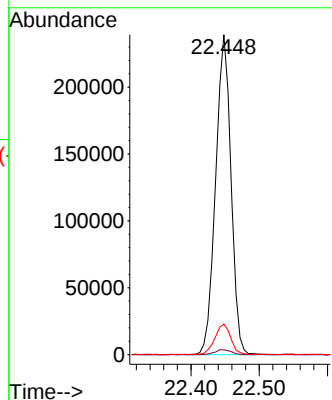
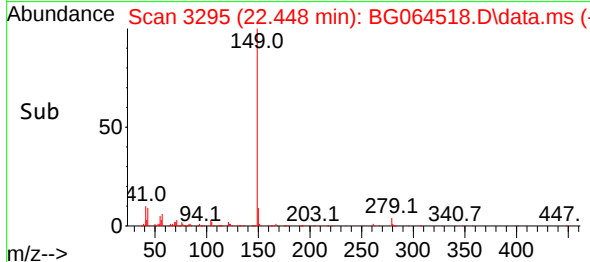
Instrument :
BNA_G
ClientSampleId :
PB170133BS



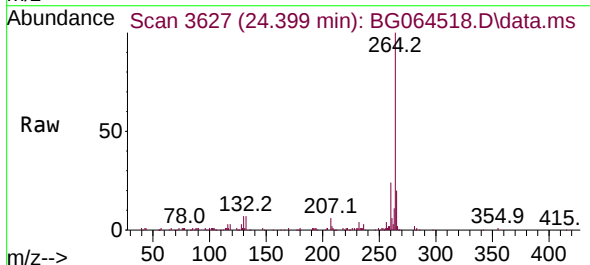
Tgt Ion:149 Resp: 371963
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.0 7.9 11.9

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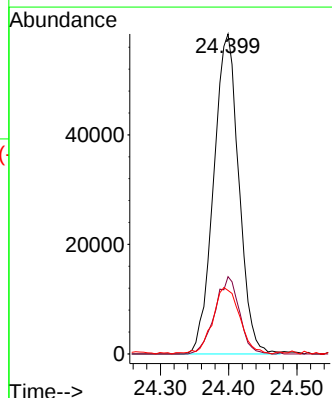
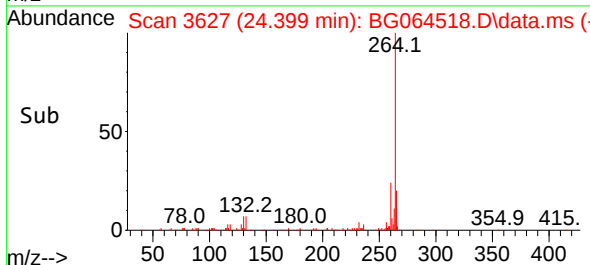
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

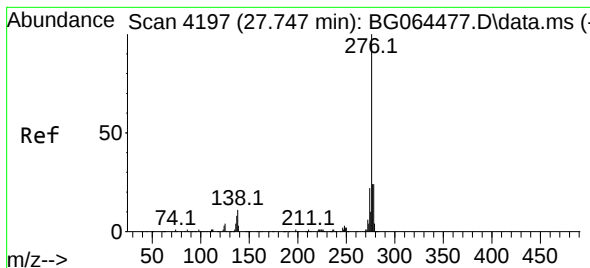


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.399 min Scan# 3627
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15



Tgt Ion:264 Resp: 149424
Ion Ratio Lower Upper
264 100
260 24.1 16.2 24.4
265 19.8 15.0 22.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.333 ng

RT: 27.760 min Scan# 4197

Delta R.T. 0.027 min

Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Instrument :

BNA_G

ClientSampleId :

PB170133BS

Tgt Ion:276 Resp: 513100

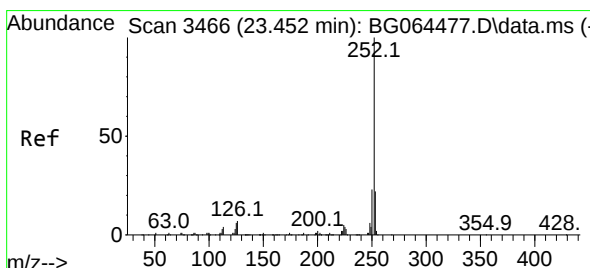
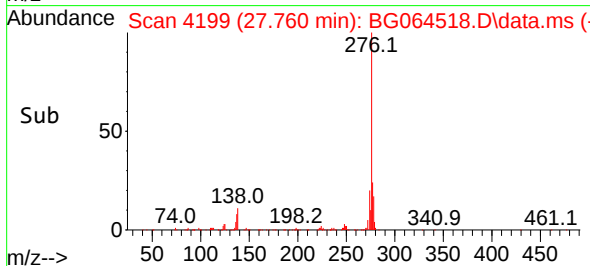
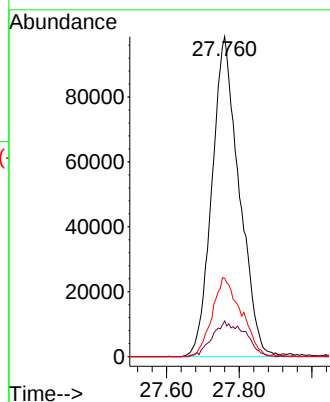
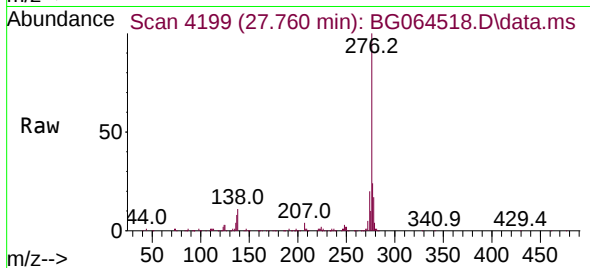
Ion	Ratio	Lower	Upper
276	100		
138	13.3	10.8	16.2
277	26.3	20.3	30.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#88

Benzo(b)fluoranthene

Concen: 49.257 ng

RT: 23.459 min Scan# 3467

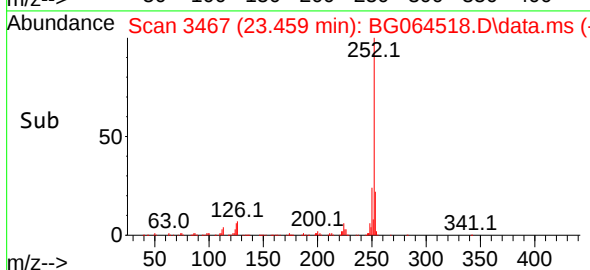
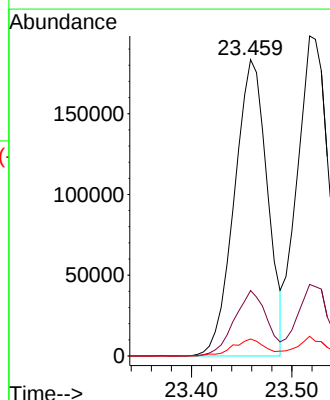
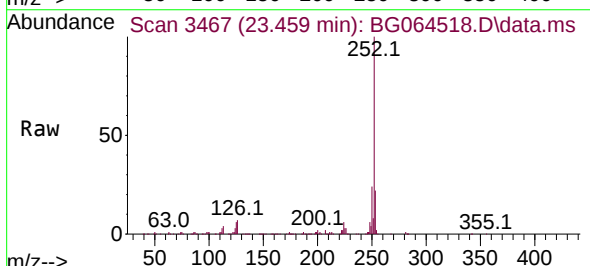
Delta R.T. 0.010 min

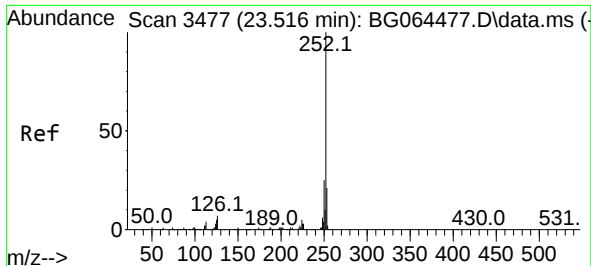
Lab File: BG064518.D

Acq: 16 Oct 2025 16:15

Tgt Ion:252 Resp: 418720

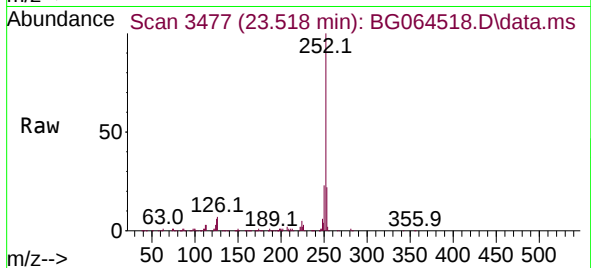
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	5.7	4.5	6.7





#89
Benzo(k)fluoranthene
Concen: 50.970 ng m
RT: 23.518 min Scan# 3477
Delta R.T. 0.010 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

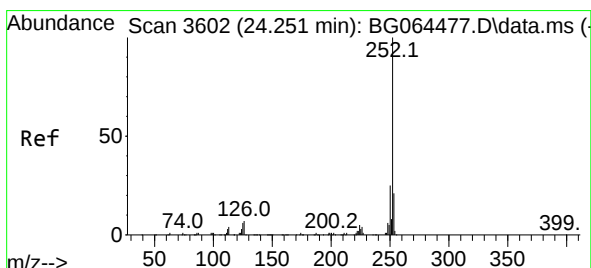
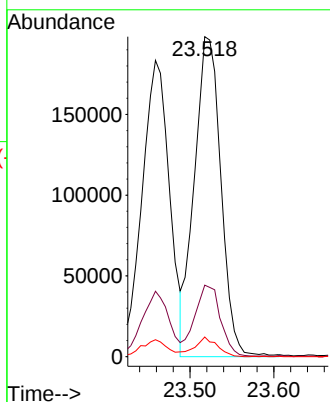
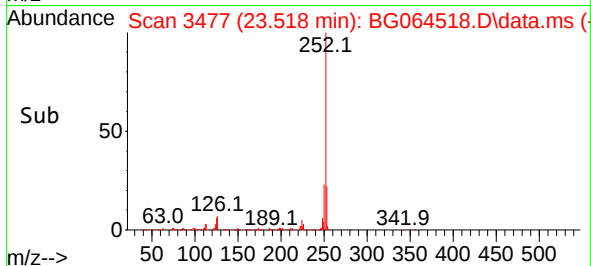
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion:252 Resp: 436387
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 6.1 4.0 6.0

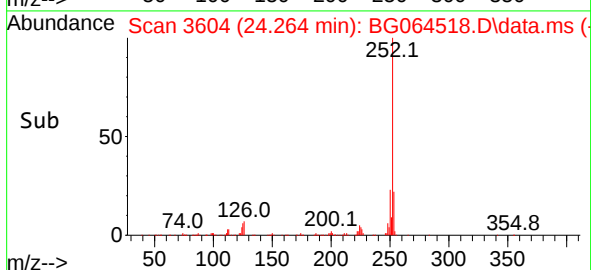
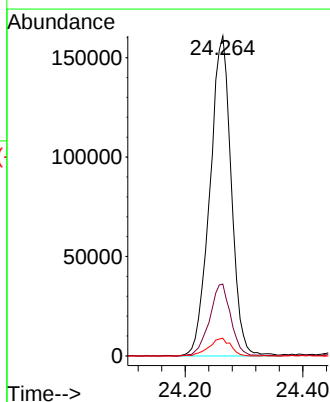
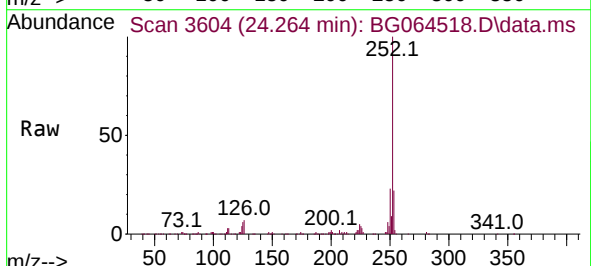
Manual Integrations
APPROVED

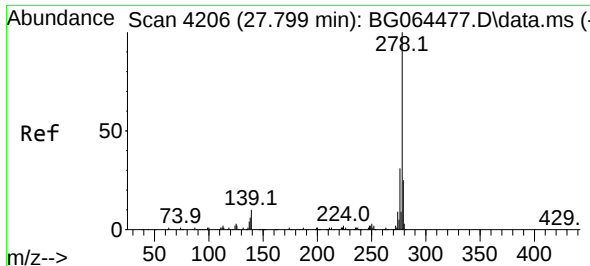
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#90
Benzo(a)pyrene
Concen: 51.733 ng
RT: 24.264 min Scan# 3604
Delta R.T. 0.016 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

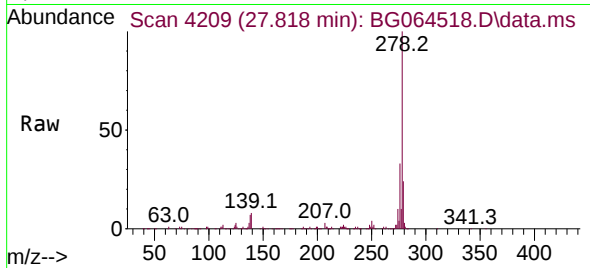
Tgt Ion:252 Resp: 405302
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 5.5 4.6 6.8





#91
Dibenzo(a,h)anthracene
Concen: 50.625 ng
RT: 27.818 min Scan# 4206
Delta R.T. 0.039 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

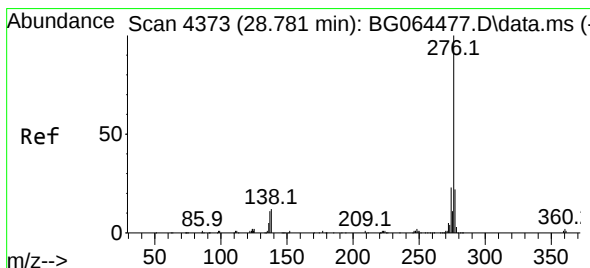
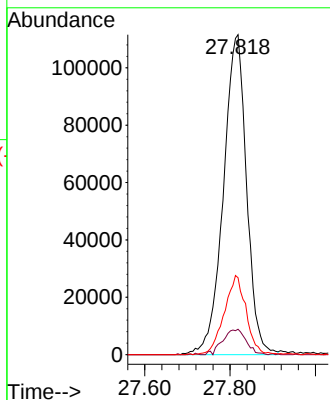
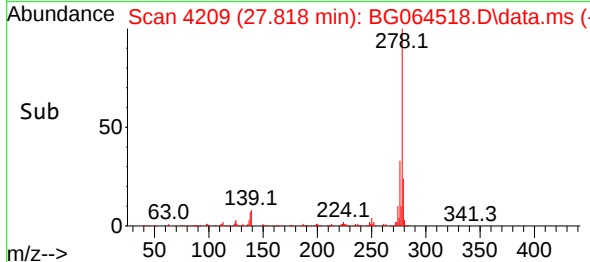
Instrument :
BNA_G
ClientSampleId :
PB170133BS



Tgt Ion:278 Resp: 421086
Ion Ratio Lower Upper
278 100
139 7.9 8.2 12.2
279 24.0 19.6 29.4

Manual Integrations
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Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#92
Benzo(g,h,i)perylene
Concen: 50.098 ng
RT: 28.806 min Scan# 4377
Delta R.T. 0.039 min
Lab File: BG064518.D
Acq: 16 Oct 2025 16:15

Tgt Ion:276 Resp: 404947
Ion Ratio Lower Upper
276 100
277 25.0 17.8 26.6
138 10.9 9.4 14.0

