

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064516.D
 Acq On : 16 Oct 2025 14:53
 Operator : RC/JU
 Sample : PB170122BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170122BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 16 16:25:43 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	7.819	152	16107	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	66931	20.000	ng	0.00
39) Acenaphthene-d10	14.446	164	49434	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	121772	20.000	ng	0.00
76) Chrysene-d12	21.415	240	133204	20.000	ng	0.00
86) Perylene-d12	24.394	264	146077	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	113195	130.060	ng	0.00
7) Phenol-d6	7.002	99	145083	124.047	ng	0.02
23) Nitrobenzene-d5	8.970	82	101038	81.170	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	118583	132.338	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	279862	83.448	ng	0.00
79) Terphenyl-d14	19.805	244	600888	85.371	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.312	88	10638	30.902	ng	97
3) Pyridine	3.706	79	28288	30.575	ng	98
4) n-Nitrosodimethylamine	3.618	42	27541	41.063	ng	100
6) Aniline	7.149	93	46283	31.372	ng	97
8) 2-Chlorophenol	7.390	128	47137	44.106	ng	93
9) Benzaldehyde	6.955	77	20100	19.360	ng	95
10) Phenol	7.026	94	55574	45.043	ng	94
11) bis(2-Chloroethyl)ether	7.243	93	32253	38.601	ng	94
12) 1,3-Dichlorobenzene	7.707	146	48745	41.695	ng	92
13) 1,4-Dichlorobenzene	7.854	146	49294	42.012	ng	96
14) 1,2-Dichlorobenzene	8.171	146	49430	42.745	ng	98
15) Benzyl Alcohol	8.060	79	46945	43.585	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.342	45	51997	38.607	ng	94
17) 2-Methylphenol	8.265	107	40010	44.783	ng	95
18) Hexachloroethane	8.894	117	18228	39.358	ng	95
19) n-Nitroso-di-n-propyla...	8.624	70	32454	41.491	ng	# 95
20) 3+4-Methylphenols	8.589	107	54039	43.344	ng	97
22) Acetophenone	8.636	105	77600	47.884	ng	# 95
24) Nitrobenzene	9.017	77	51013	41.097	ng	97
25) Isophorone	9.540	82	93894	41.638	ng	98
26) 2-Nitrophenol	9.723	139	25918	41.952	ng	95
27) 2,4-Dimethylphenol	9.787	122	47218	50.040	ng	88
28) bis(2-Chloroethoxy)met...	10.016	93	49083	42.701	ng	95
29) 2,4-Dichlorophenol	10.263	162	49717	45.564	ng	97
30) 1,2,4-Trichlorobenzene	10.469	180	54487	45.797	ng	96
31) Naphthalene	10.657	128	145818	42.308	ng	99
32) Benzoic acid	9.946	122	39642m	54.719	ng	
33) 4-Chloroaniline	10.762	127	31878	24.103	ng	97
34) Hexachlorobutadiene	10.945	225	44490	43.664	ng	96
35) Caprolactam	11.550	113	16225m	43.435	ng	
36) 4-Chloro-3-methylphenol	11.902	107	57914	43.645	ng	95
37) 2-Methylnaphthalene	12.267	142	102234	38.642	ng	99
38) 1-Methylnaphthalene	12.484	142	105848	40.123	ng	92
40) 1,2,4,5-Tetrachloroben...	12.637	216	79790	49.990	ng	# 98
41) Hexachlorocyclopentadiene	12.619	237	115915	138.833	ng	99
43) 2,4,6-Trichlorophenol	12.878	196	50559	49.551	ng	97

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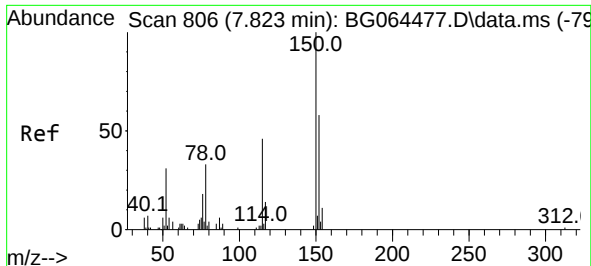
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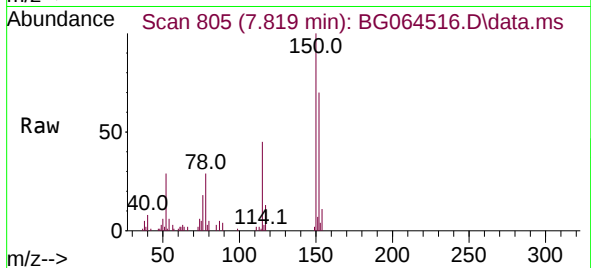
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	53988	47.394	ng	93
46) 1,1'-Biphenyl	13.277	154	177211	49.842	ng	99
47) 2-Chloronaphthalene	13.324	162	115866	43.648	ng	98
48) 2-Nitroaniline	13.530	65	40870	45.110	ng	96
49) Acenaphthylene	14.170	152	201834	51.219	ng	98
50) Dimethylphthalate	13.906	163	171578	44.316	ng	99
51) 2,6-Dinitrotoluene	14.023	165	37563	46.574	ng	94
52) Acenaphthene	14.511	154	122036	44.575	ng	96
53) 3-Nitroaniline	14.352	138	23407	31.469	ng	95
54) 2,4-Dinitrophenol	14.564	184	49175	84.086	ng	93
55) Dibenzofuran	14.846	168	205969	45.564	ng	97
56) 4-Nitrophenol	14.681	139	57074	97.460	ng	94
57) 2,4-Dinitrotoluene	14.817	165	57612	46.728	ng	# 93
58) Fluorene	15.498	166	171657	45.677	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	55741	47.947	ng	100
60) Diethylphthalate	15.275	149	183242	44.119	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	90404	44.063	ng	97
62) 4-Nitroaniline	15.522	138	36916	47.618	ng	# 84
63) Azobenzene	15.780	77	144812	45.020	ng	98
65) 4,6-Dinitro-2-methylph...	15.580	198	39050	46.057	ng	90
66) n-Nitrosodiphenylamine	15.704	169	148559	45.685	ng	98
67) 4-Bromophenyl-phenylether	16.385	248	64024	44.679	ng	93
68) Hexachlorobenzene	16.503	284	76858	46.872	ng	92
69) Atrazine	16.656	200	67870	46.912	ng	96
70) Pentachlorophenol	16.844	266	95852	99.977	ng	97
71) Phenanthrene	17.231	178	291516	45.777	ng	100
72) Anthracene	17.319	178	293510	45.943	ng	98
73) Carbazole	17.590	167	263508	47.719	ng	100
74) Di-n-butylphthalate	18.154	149	316193	46.906	ng	99
75) Fluoranthene	19.241	202	363409	47.768	ng	98
77) Benzidine	19.429	184	112473	33.933	ng	# 95
78) Pyrene	19.605	202	372284	43.066	ng	99
80) Butylbenzylphthalate	20.498	149	143137	46.710	ng	97
81) Benzo(a)anthracene	21.397	228	386383	45.429	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	86920	30.195	ng	99
83) Chrysene	21.462	228	362437	44.934	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	198697	45.955	ng	97
85) Di-n-octyl phthalate	22.443	149	341112	46.942	ng	99
87) Indeno(1,2,3-cd)pyrene	27.754	276	473100	46.529	ng	99
88) Benzo(b)fluoranthene	23.459	252	394140	47.428	ng	97
89) Benzo(k)fluoranthene	23.518	252	384546	45.944	ng	100
90) Benzo(a)pyrene	24.258	252	374057	48.838	ng	# 98
91) Dibenzo(a,h)anthracene	27.807	278	386902	47.581	ng	# 98
92) Benzo(g,h,i)perylene	28.806	276	376191	47.607	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.819 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

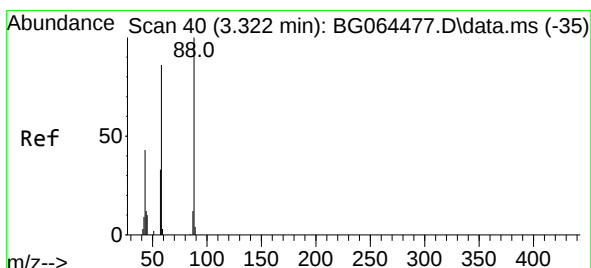
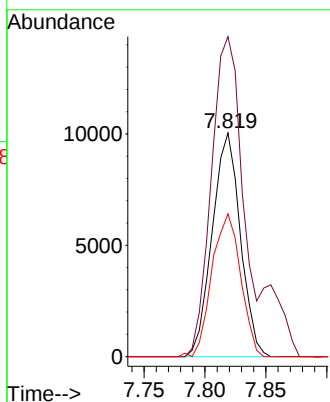
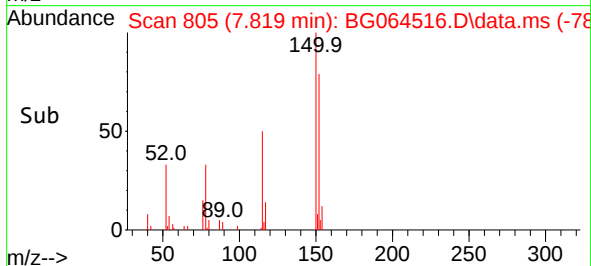
Instrument :
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 PB170122BS



Tgt Ion:152 Resp: 1610
 Ion Ratio Lower Upper
 152 100
 150 143.1 138.6 207.8
 115 63.9 63.4 95.2

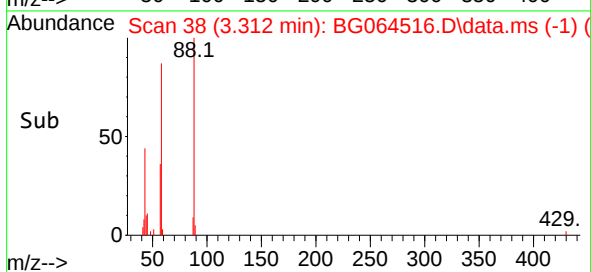
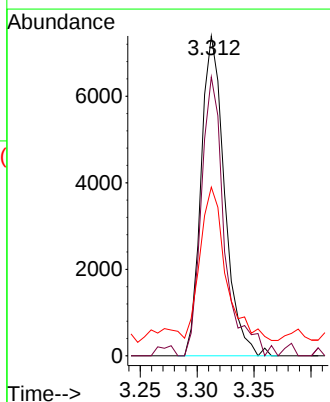
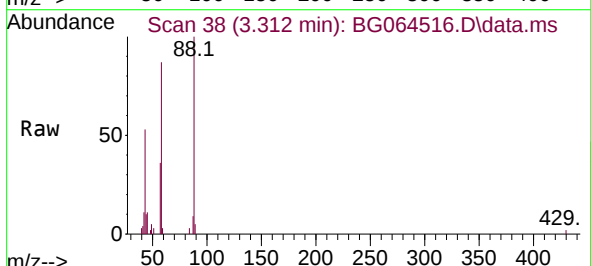
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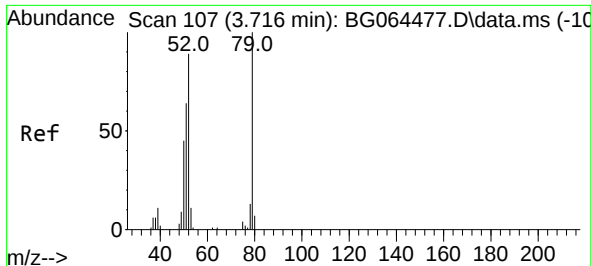
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025



#2
 1,4-Dioxane
 Concen: 30.902 ng
 RT: 3.312 min Scan# 38
 Delta R.T. -0.007 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

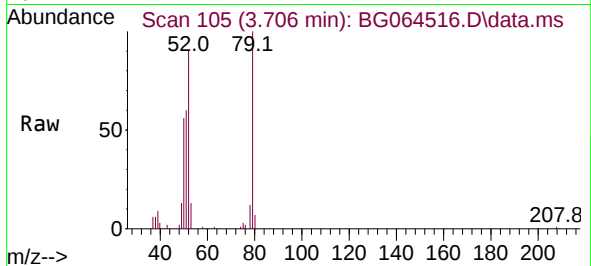
Tgt Ion: 88 Resp: 10638
 Ion Ratio Lower Upper
 88 100
 58 86.2 69.8 104.6
 43 51.8 37.4 56.0





#3
Pyridine
Concen: 30.575 ng
RT: 3.706 min Scan# 10
Delta R.T. -0.007 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

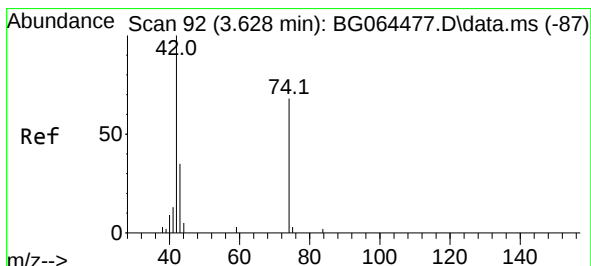
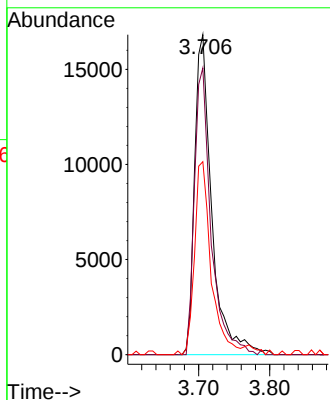
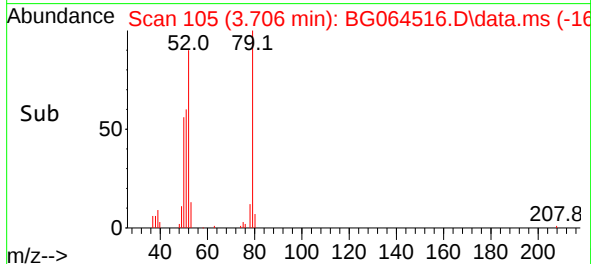
Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion: 79 Resp: 28288
Ion Ratio Lower Upper
79 100
52 89.6 71.0 106.4
51 60.3 51.0 76.6

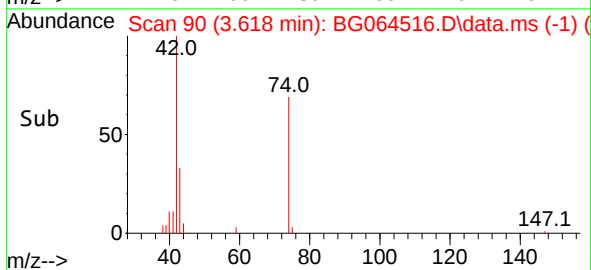
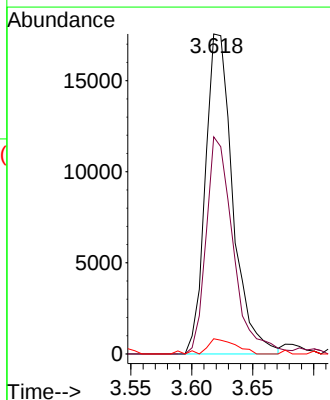
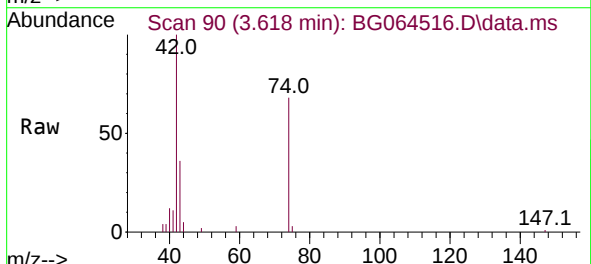
Manual Integrations
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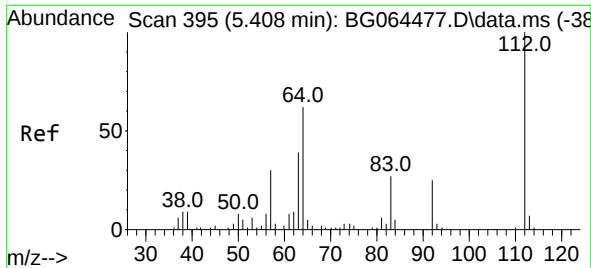
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Supervised By :Jagrut Upadhyay 10/17/2025



#4
n-Nitrosodimethylamine
Concen: 41.063 ng
RT: 3.618 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

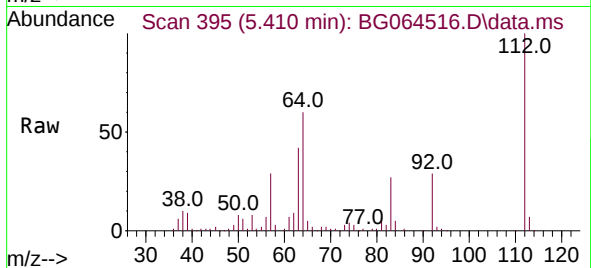
Tgt Ion: 42 Resp: 27541
Ion Ratio Lower Upper
42 100
74 67.8 54.2 81.4
44 4.7 4.2 6.2





#5
2-Fluorophenol
Concen: 130.060 ng
RT: 5.410 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

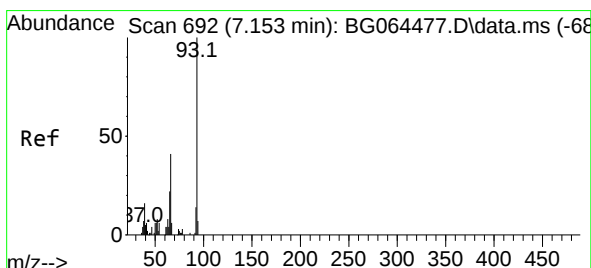
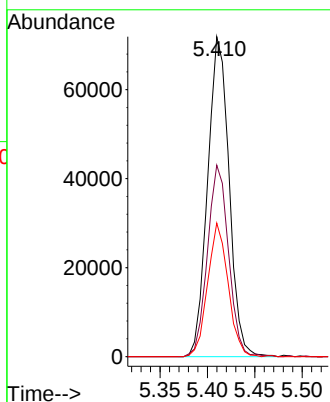
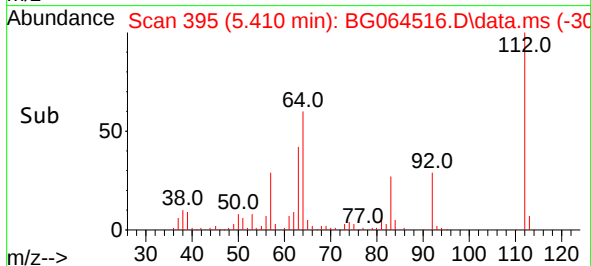
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PB170122BS



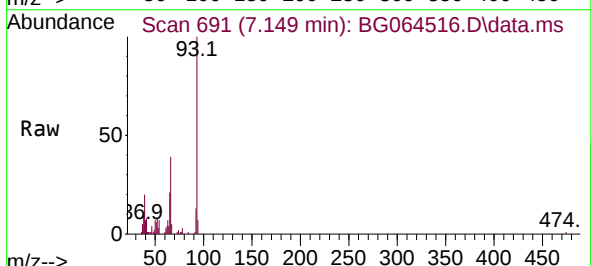
Tgt Ion: 112 Resp: 113195
Ion Ratio Lower Upper
112 100
64 59.8 49.8 74.8
63 41.7 31.3 46.9

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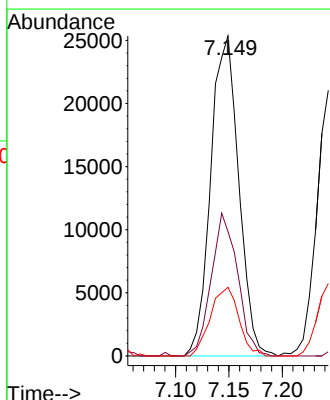
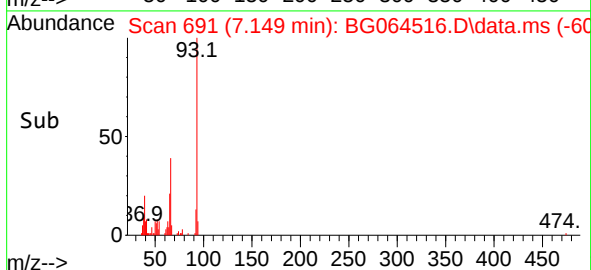
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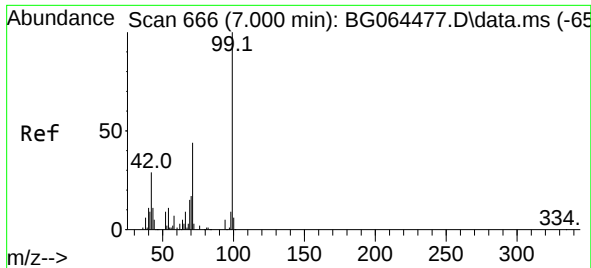


#6
Aniline
Concen: 31.372 ng
RT: 7.149 min Scan# 691
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53



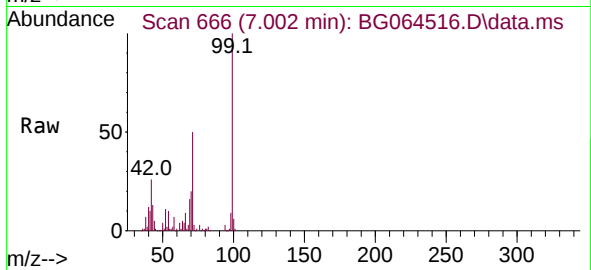
Tgt Ion: 93 Resp: 46283
Ion Ratio Lower Upper
93 100
66 38.9 33.0 49.4
65 21.4 17.5 26.3





#7
Phenol-d6
Concen: 124.047 ng
RT: 7.002 min Scan# 60
Delta R.T. 0.016 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

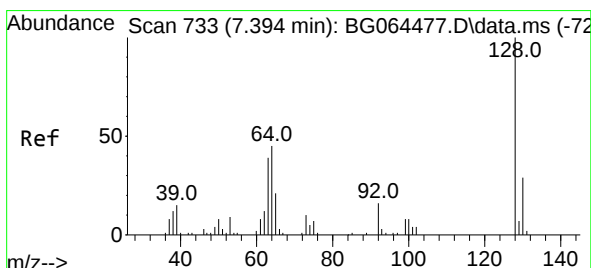
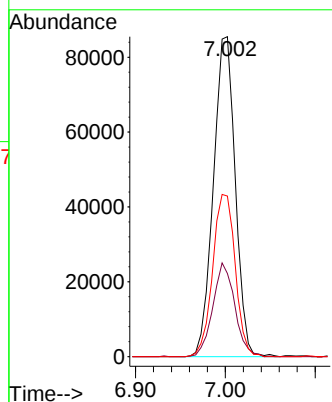
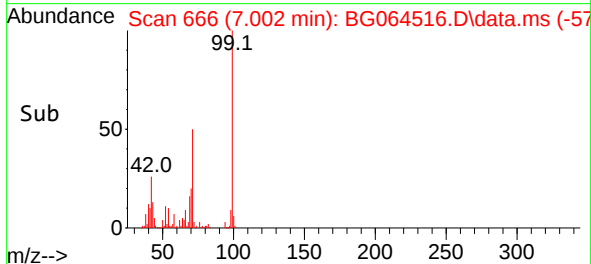
Instrument :
BNA_G
ClientSampleId :
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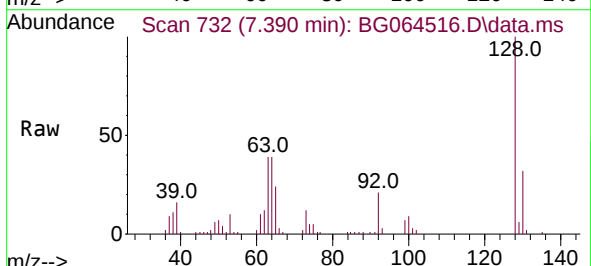
Tgt Ion: 99 Resp: 145083
Ion Ratio Lower Upper
99 100
42 26.0 22.9 34.3
71 50.2 35.4 53.2

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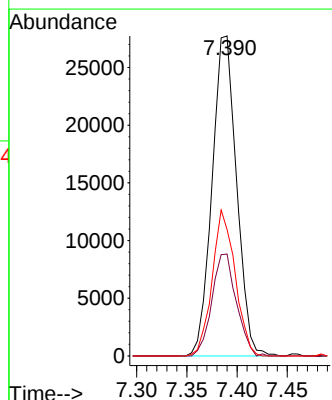
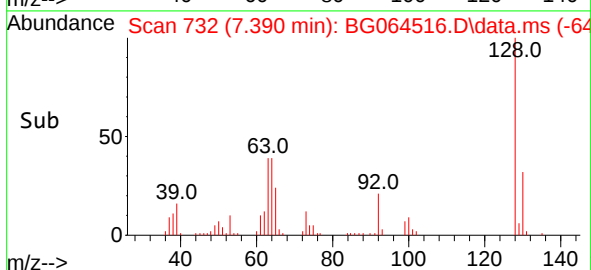
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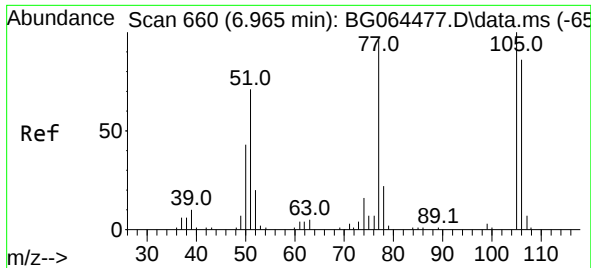


#8
2-Chlorophenol
Concen: 44.106 ng
RT: 7.390 min Scan# 732
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53



Tgt Ion:128 Resp: 47137
Ion Ratio Lower Upper
128 100
130 31.8 9.2 49.2
64 39.5 25.5 65.5





#9
Benzaldehyde
Concen: 19.360 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

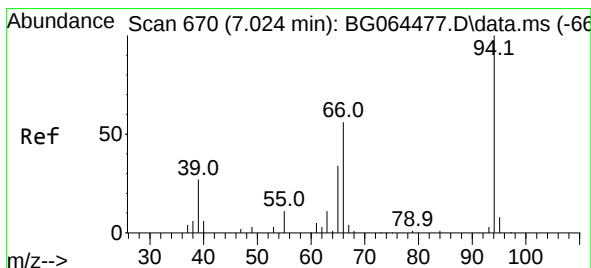
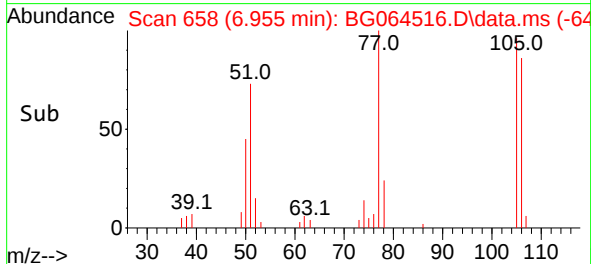
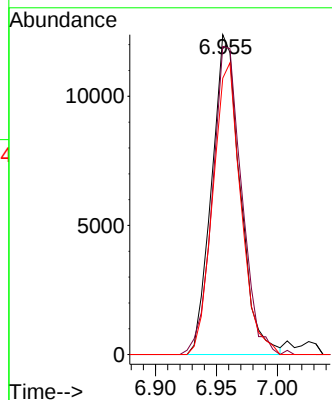
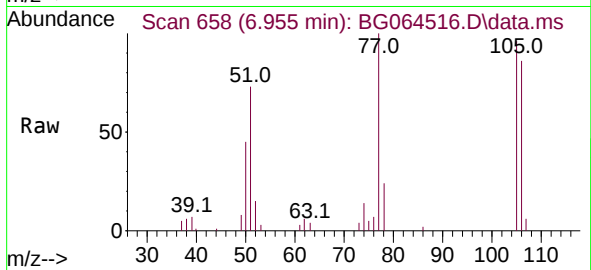
PB170122BS

Tgt Ion: 77 Resp: 20100
Ion Ratio Lower Upper
77 100
105 96.3 83.7 123.7
106 86.4 69.4 109.4

Manual Integrations

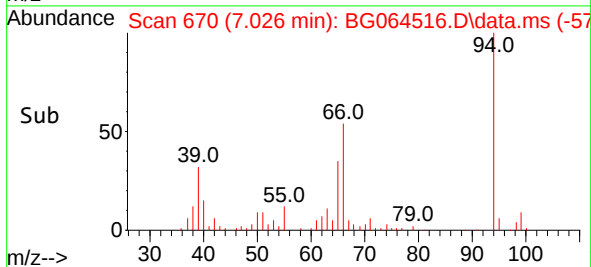
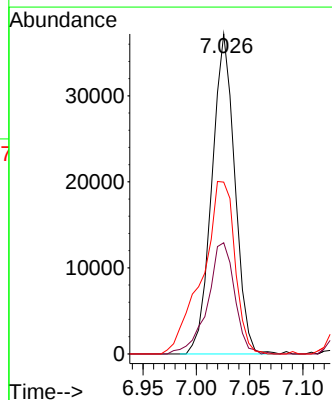
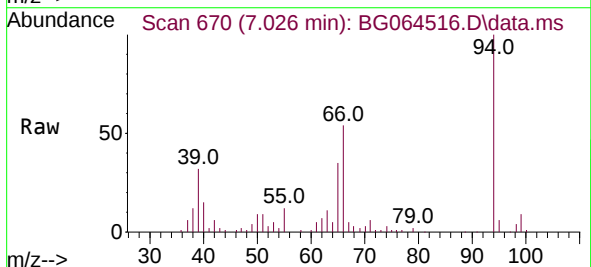
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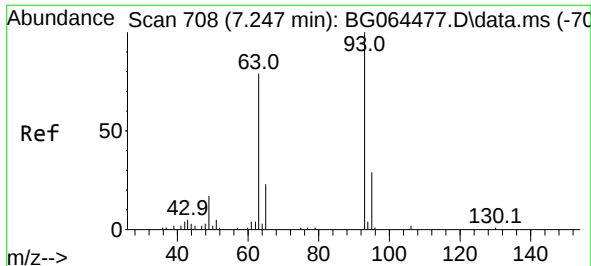
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#10
Phenol
Concen: 45.043 ng
RT: 7.026 min Scan# 670
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion: 94 Resp: 55574
Ion Ratio Lower Upper
94 100
65 34.7 14.8 54.8
66 53.7 41.4 81.4





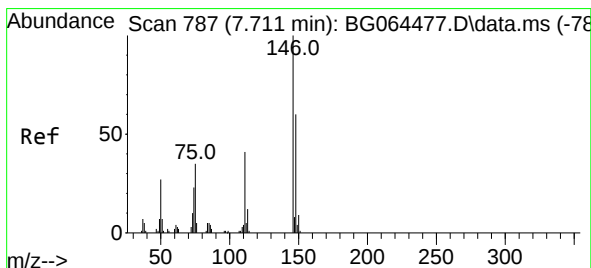
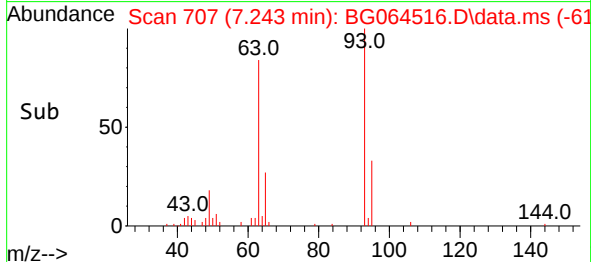
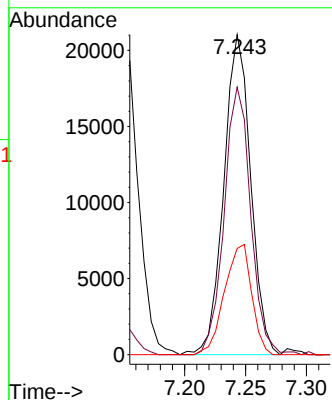
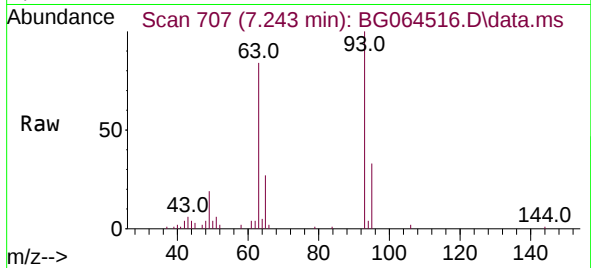
#11
bis(2-Chloroethyl)ether
Concen: 38.601 ng
RT: 7.243 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Tgt Ion: 93 Resp: 3225
Ion Ratio Lower Upper
93 100
63 83.6 59.5 99.5
95 33.2 8.8 48.8

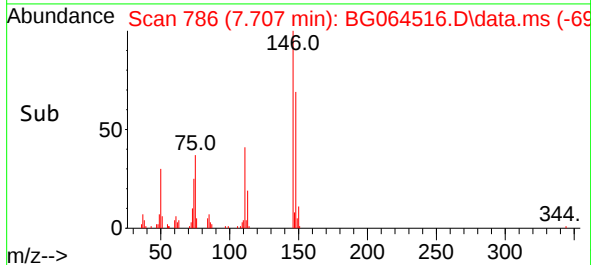
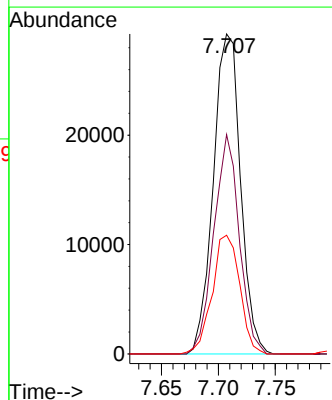
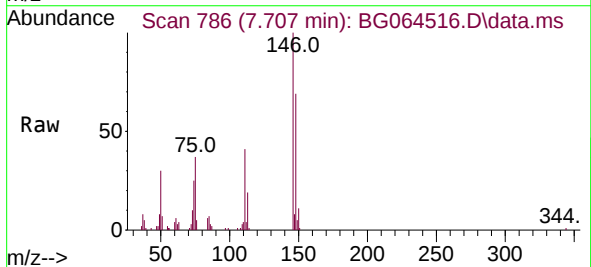
Manual Integrations
APPROVED

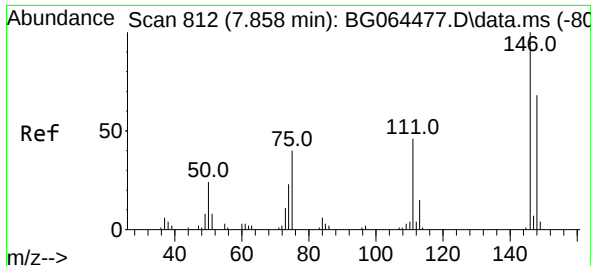
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#12
1,3-Dichlorobenzene
Concen: 41.695 ng
RT: 7.707 min Scan# 786
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

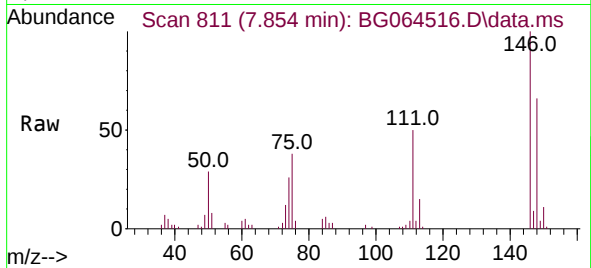
Tgt Ion:146 Resp: 48745
Ion Ratio Lower Upper
146 100
148 68.5 48.4 72.6
75 37.1 28.3 42.5





#13
1,4-Dichlorobenzene
Concen: 42.012 ng
RT: 7.854 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

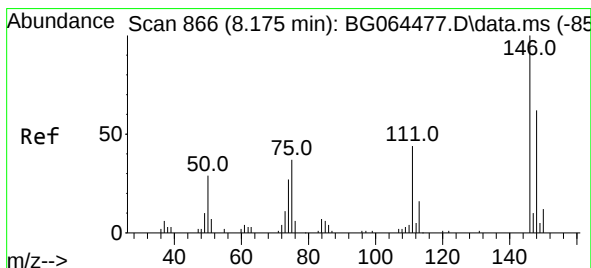
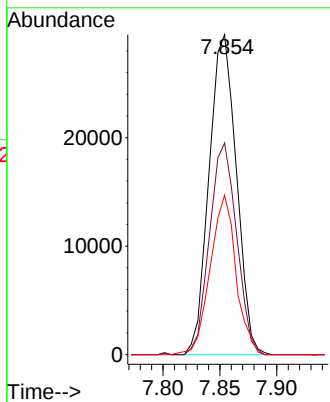
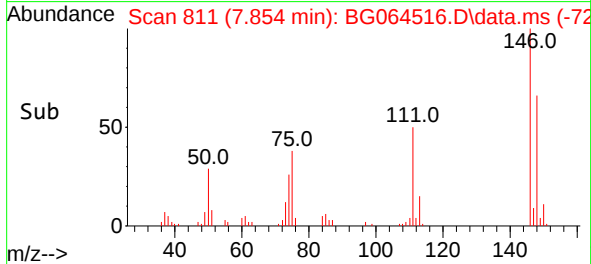
Instrument :
BNA_G
ClientSampleId :
PB170122BS



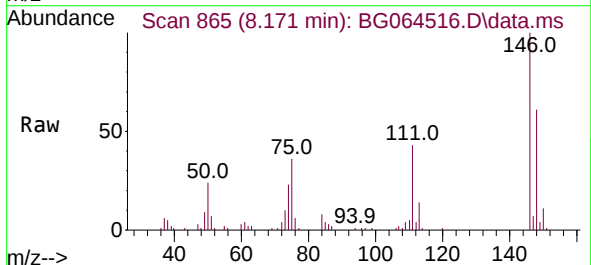
Tgt Ion:146 Resp: 49294
Ion Ratio Lower Upper
146 100
148 66.1 54.4 81.6
111 49.8 36.5 54.7

Manual Integrations
APPROVED

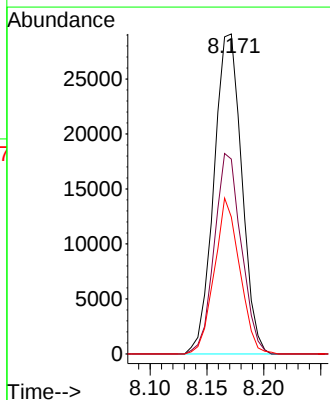
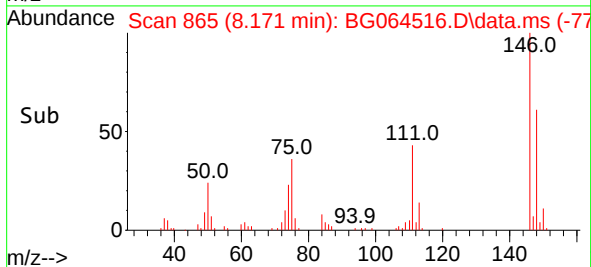
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

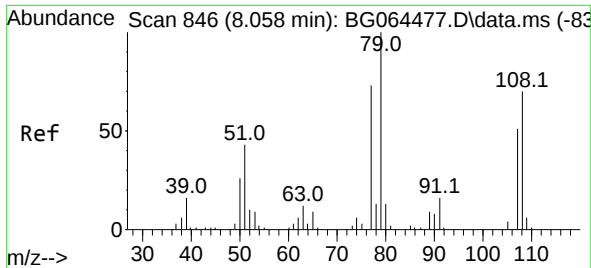


#14
1,2-Dichlorobenzene
Concen: 42.745 ng
RT: 8.171 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53



Tgt Ion:146 Resp: 49430
Ion Ratio Lower Upper
146 100
148 60.9 50.0 75.0
111 42.8 35.0 52.4





#15
Benzyl Alcohol
Concen: 43.585 ng
RT: 8.060 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

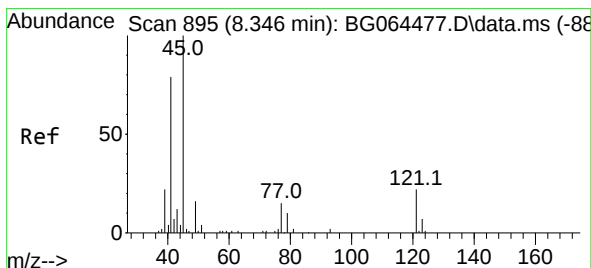
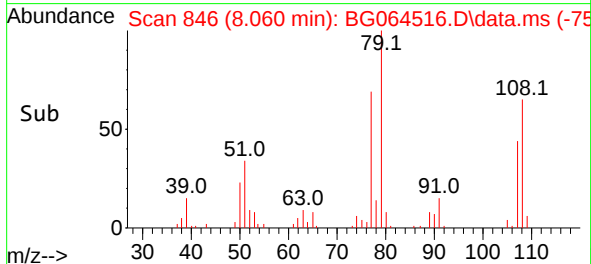
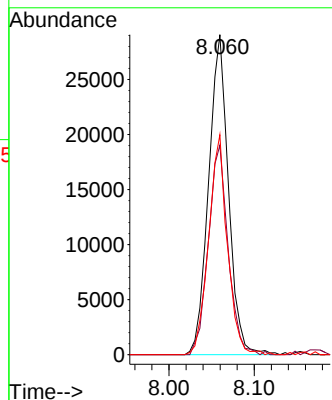
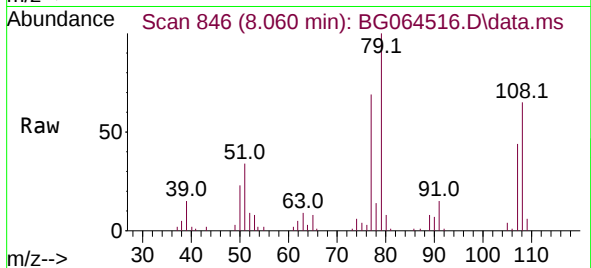
ClientSampleId :

PB170122BS

Tgt Ion: 79 Resp: 46945
Ion Ratio Lower Upper
79 100
108 65.4 56.4 84.6
77 68.7 58.3 87.5

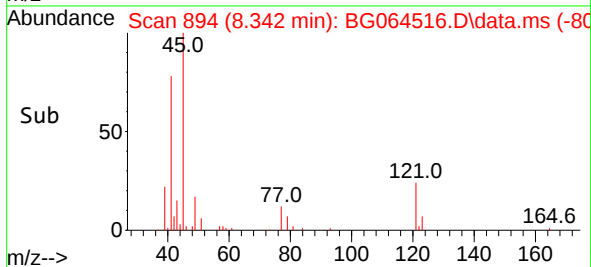
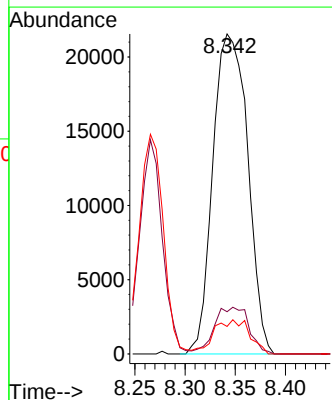
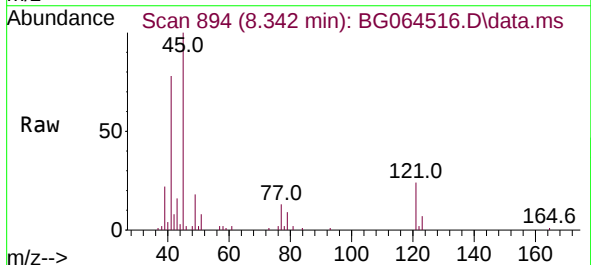
Manual Integrations
APPROVED

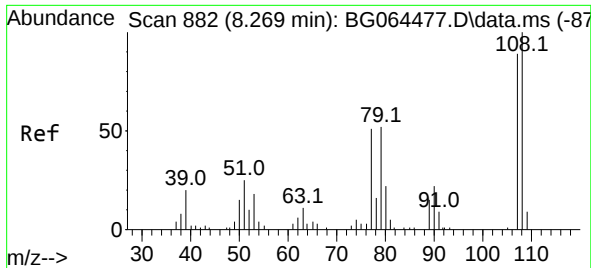
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.607 ng
RT: 8.342 min Scan# 894
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion: 45 Resp: 51997
Ion Ratio Lower Upper
45 100
77 13.2 0.0 35.6
79 8.6 0.0 30.7





#17
2-Methylphenol
Concen: 44.783 ng
RT: 8.265 min Scan# 881
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

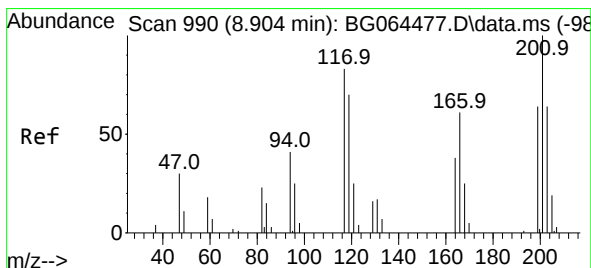
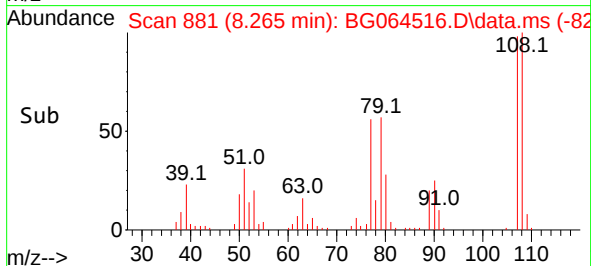
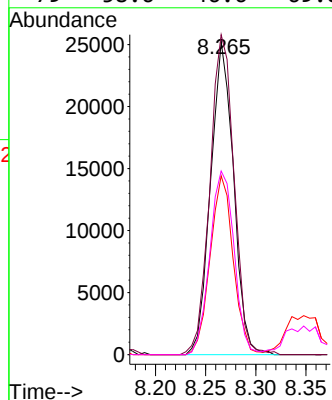
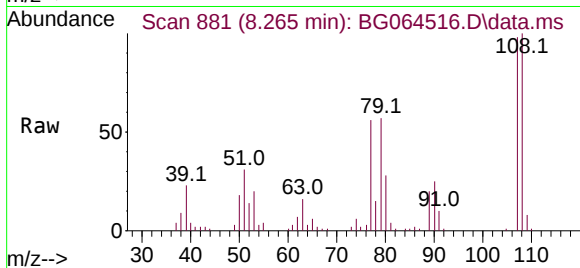
PB170122BS

Tgt Ion:107 Resp: 40010
Ion Ratio Lower Upper
107 100
108 102.2 90.3 135.5
77 57.1 46.0 69.0
79 58.6 46.6 69.8

Manual Integrations

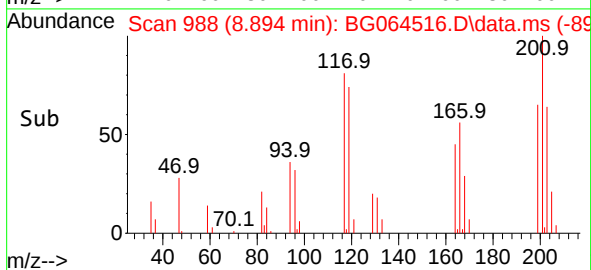
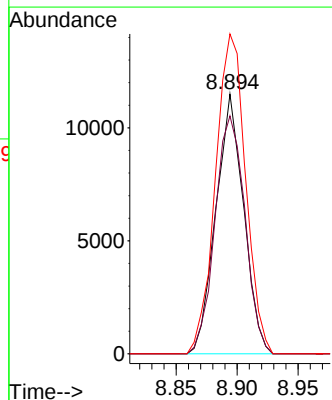
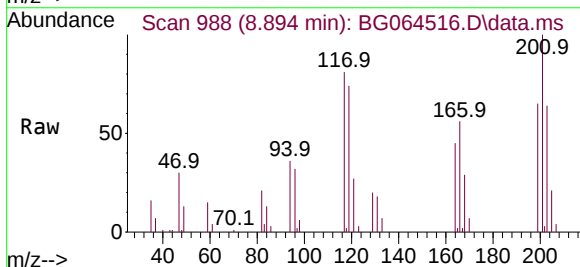
APPROVED

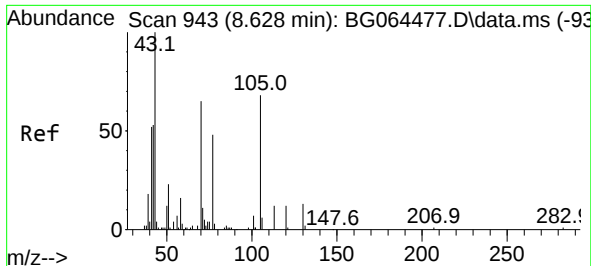
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#18
Hexachloroethane
Concen: 39.358 ng
RT: 8.894 min Scan# 988
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

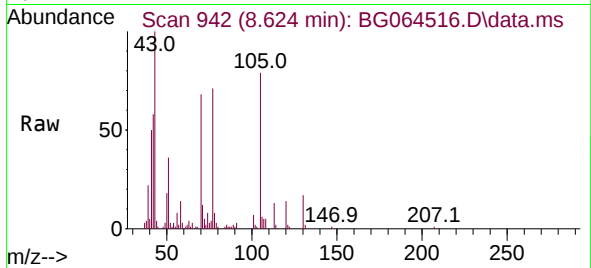
Tgt Ion:117 Resp: 18228
Ion Ratio Lower Upper
117 100
119 91.6 67.4 101.0
201 123.2 95.9 143.9





#19
n-Nitroso-di-n-propylamine
Concen: 41.491 ng
RT: 8.624 min Scan# 943
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

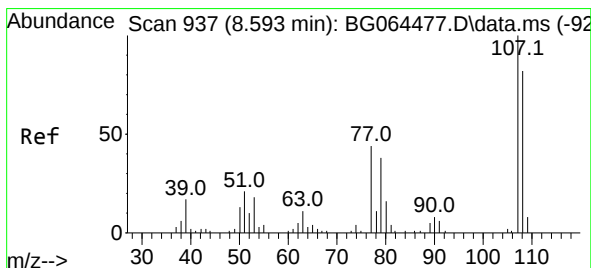
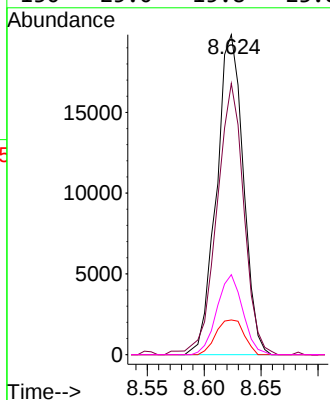
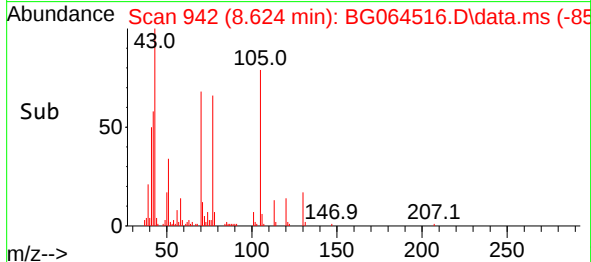
Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion: 70 Resp: 32454
Ion Ratio Lower Upper
70 100
42 84.7 64.9 97.3
101 10.8 8.7 13.1
130 25.0 15.8 23.8#

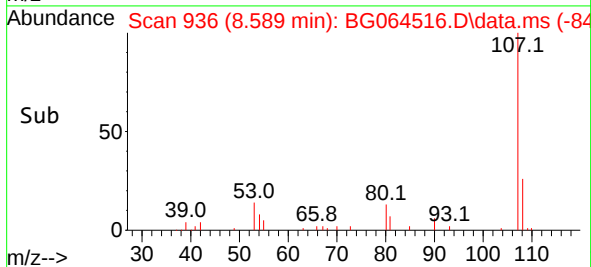
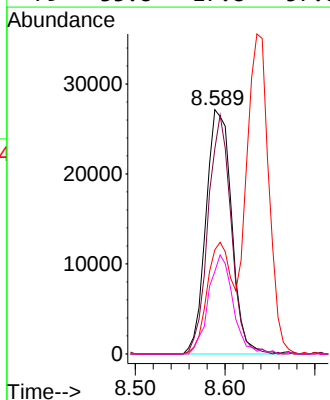
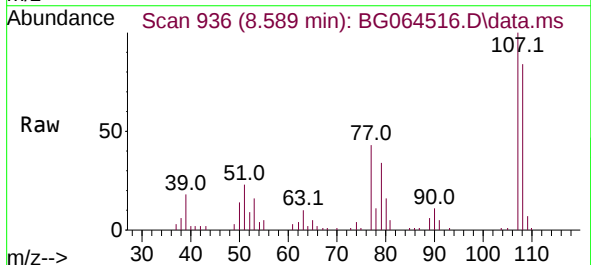
Manual Integrations
APPROVED

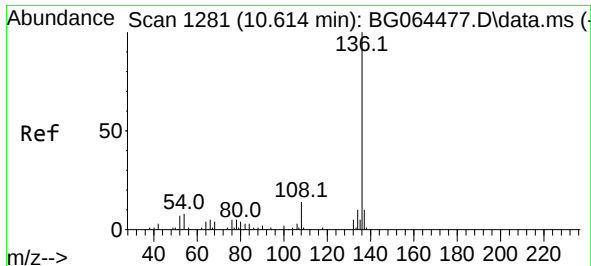
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#20
3+4-Methylphenols
Concen: 43.344 ng
RT: 8.589 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:107 Resp: 54039
Ion Ratio Lower Upper
107 100
108 84.0 62.1 102.1
77 42.6 23.5 63.5
79 33.8 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1281
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

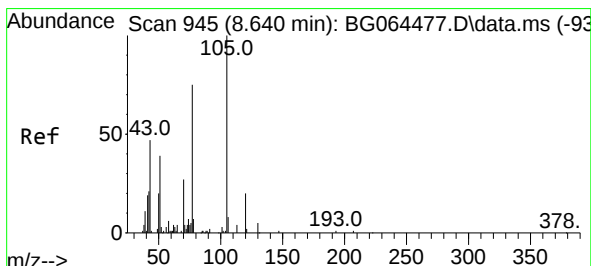
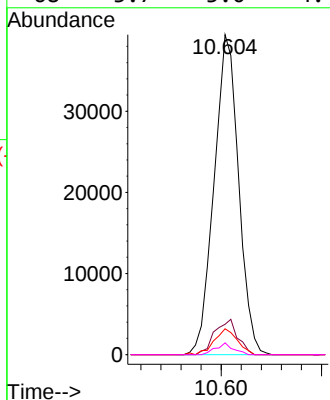
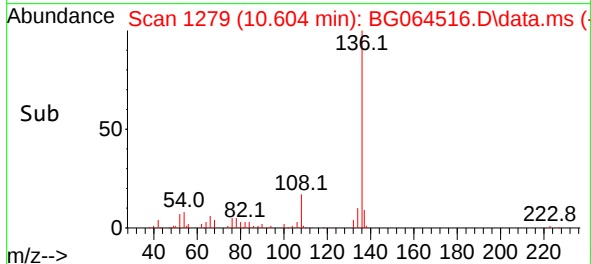
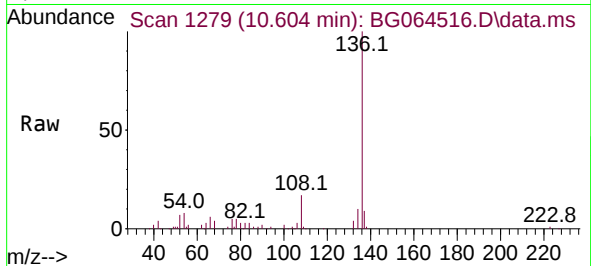
ClientSampleId :

PB170122BS

Tgt Ion:136 Resp: 66931
Ion Ratio Lower Upper
136 100
137 9.5 8.3 12.5
54 8.1 6.2 9.4
68 3.7 3.0 4.4

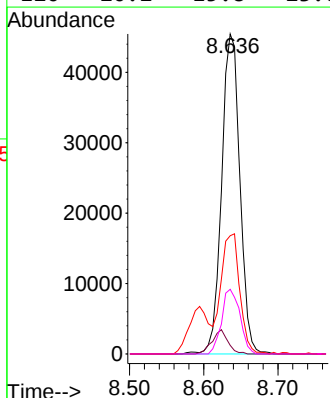
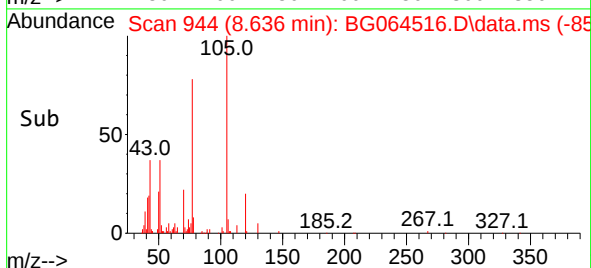
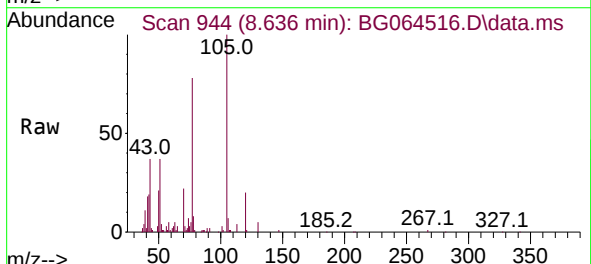
Manual Integrations
APPROVED

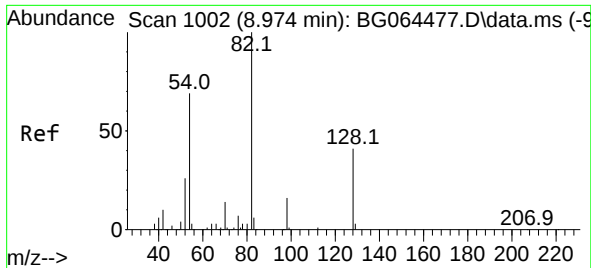
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#22
Acetophenone
Concen: 47.884 ng
RT: 8.636 min Scan# 944
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:105 Resp: 77600
Ion Ratio Lower Upper
105 100
71 2.7 2.8 4.2#
51 36.9 33.0 49.4
120 20.2 15.8 23.6





#23
Nitrobenzene-d5
Concen: 81.170 ng
RT: 8.970 min Scan# 1002
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

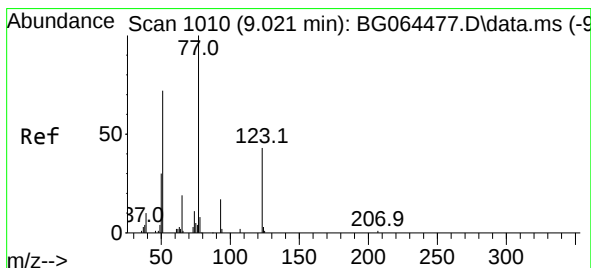
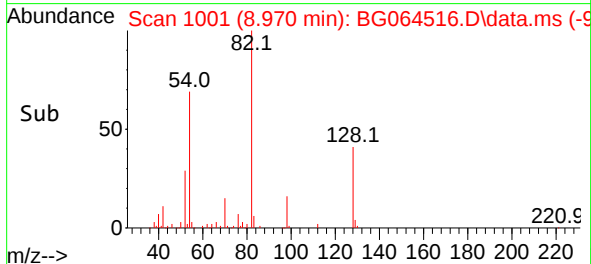
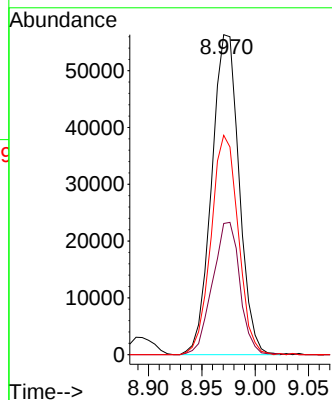
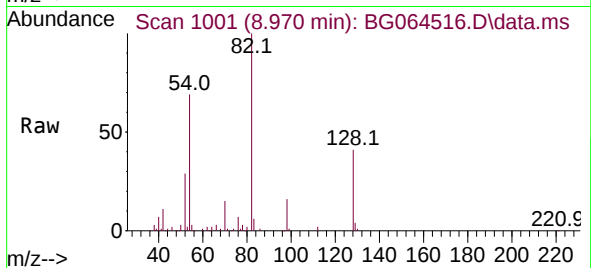
ClientSampleId :

PB170122BS

Tgt Ion: 82 Resp: 101038
Ion Ratio Lower Upper
82 100
128 41.0 33.1 49.7
54 68.5 55.4 83.2

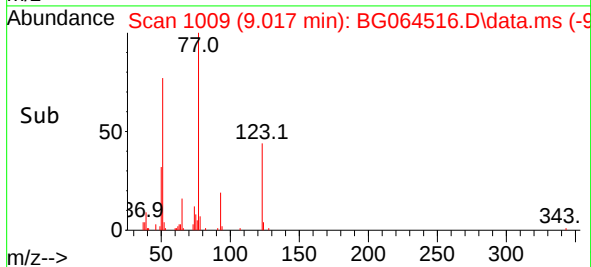
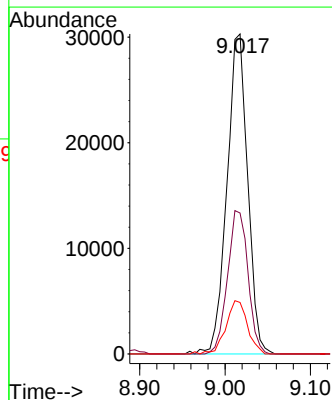
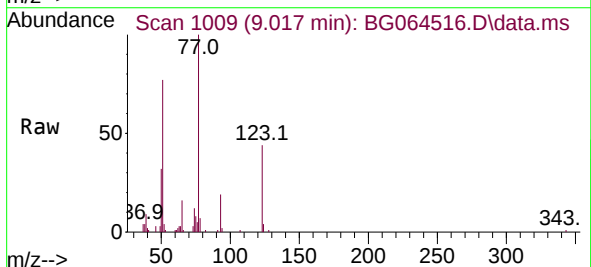
Manual Integrations
APPROVED

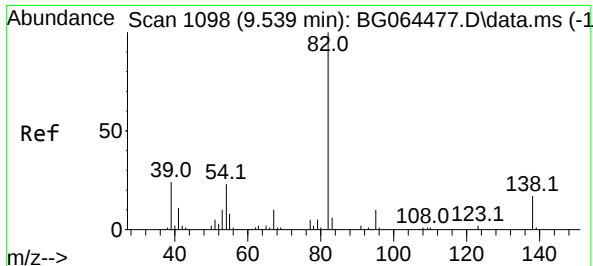
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#24
Nitrobenzene
Concen: 41.097 ng
RT: 9.017 min Scan# 1009
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion: 77 Resp: 51013
Ion Ratio Lower Upper
77 100
123 44.0 34.4 51.6
65 16.1 14.8 22.2





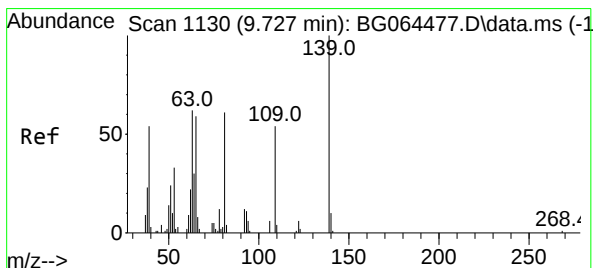
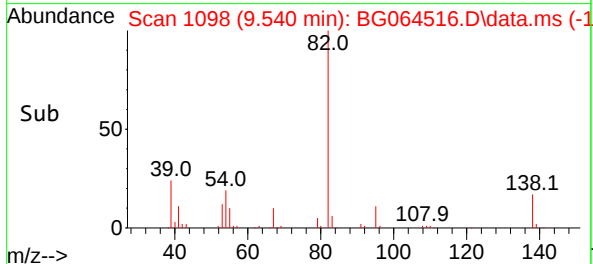
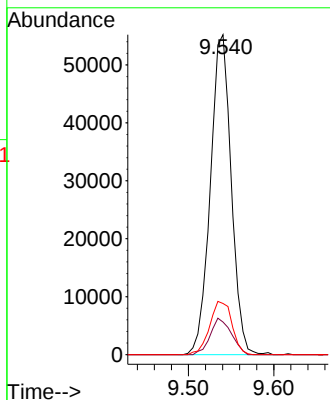
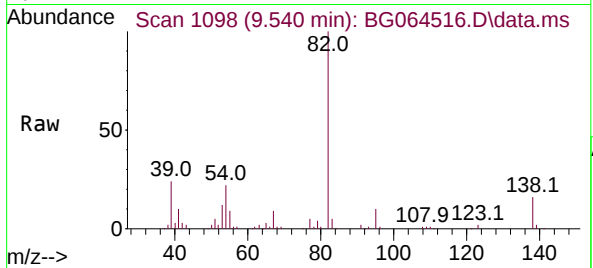
#25
Isophorone
Concen: 41.638 ng
RT: 9.540 min Scan# 1098
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Tgt Ion: 82 Resp: 93894
Ion Ratio Lower Upper
82 100
95 10.2 7.8 11.8
138 16.0 13.8 20.6

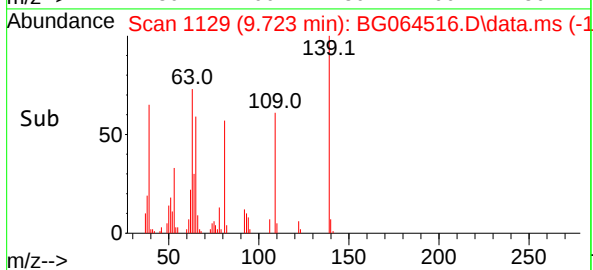
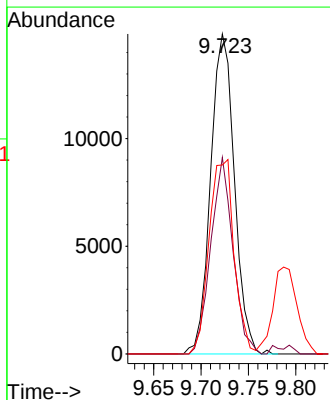
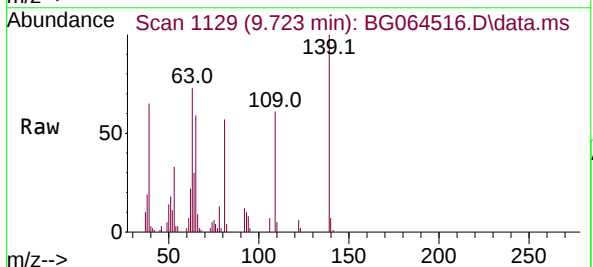
Manual Integrations
APPROVED

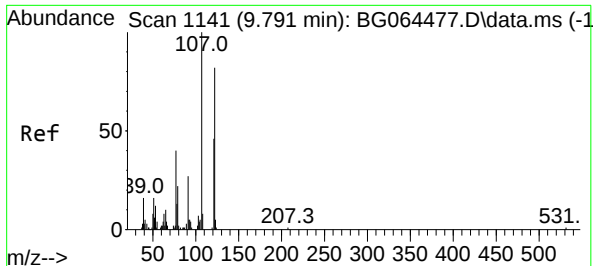
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#26
2-Nitrophenol
Concen: 41.952 ng
RT: 9.723 min Scan# 1129
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:139 Resp: 25918
Ion Ratio Lower Upper
139 100
109 61.4 43.0 64.6
65 59.0 47.4 71.2





#27
2,4-Dimethylphenol
Concen: 50.040 ng
RT: 9.787 min Scan# 1141
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

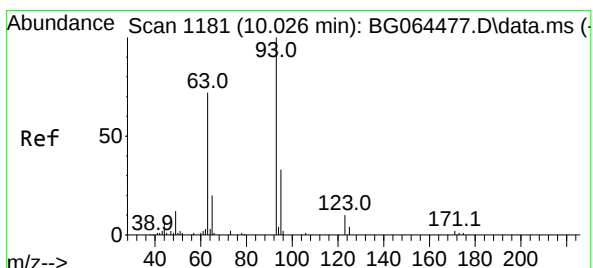
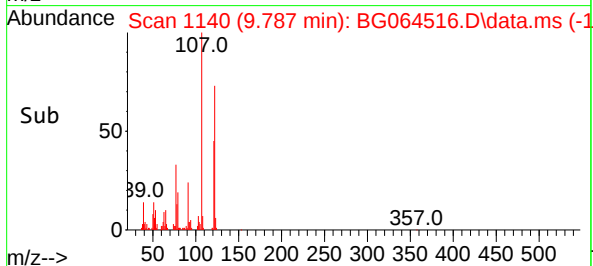
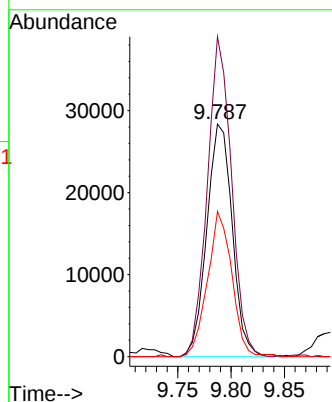
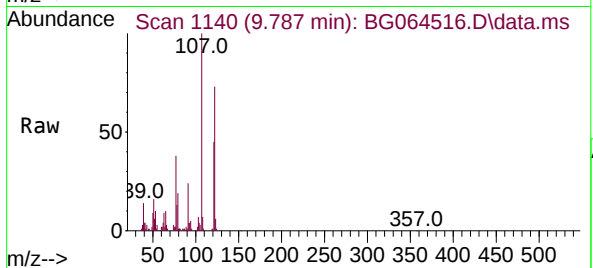
Tgt Ion:122 Resp: 47218
Ion Ratio Lower Upper
122 100
107 137.6 98.3 147.5
121 62.4 44.7 67.1

Manual Integrations

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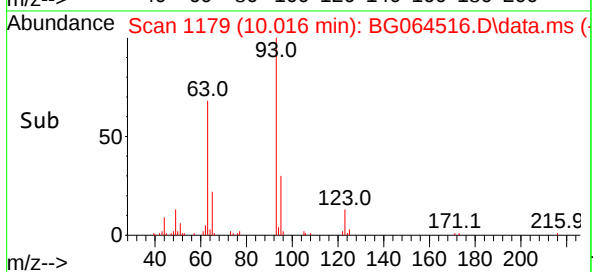
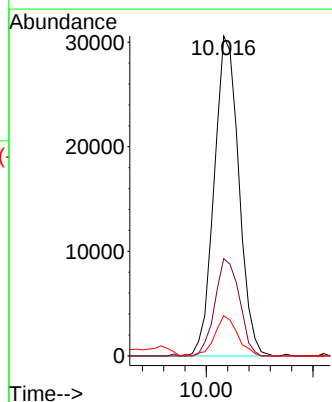
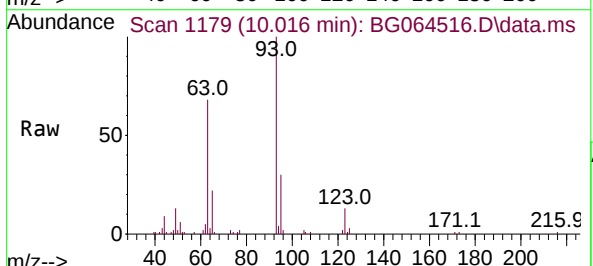
Reviewed By :Rahul Chavli 10/17/2025

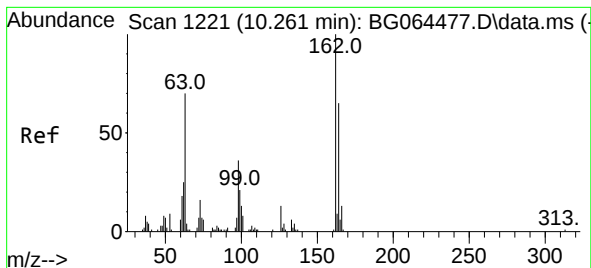
Supervised By :Jagrut Upadhyay 10/17/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.701 ng
RT: 10.016 min Scan# 1179
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

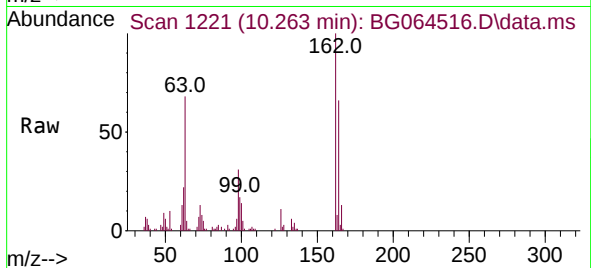
Tgt Ion: 93 Resp: 49083
Ion Ratio Lower Upper
93 100
95 30.4 26.5 39.7
123 12.5 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.564 ng
RT: 10.263 min Scan# 1221
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

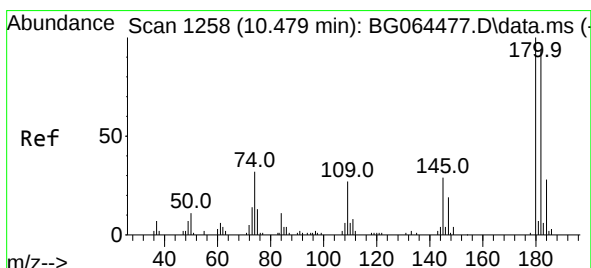
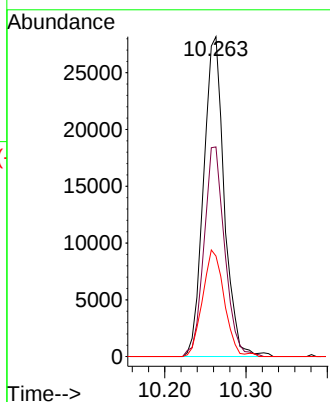
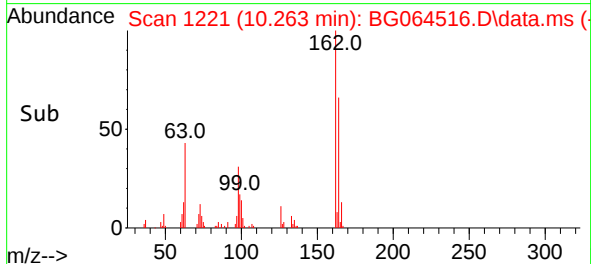
Instrument :
BNA_G
ClientSampleId :
PB170122BS



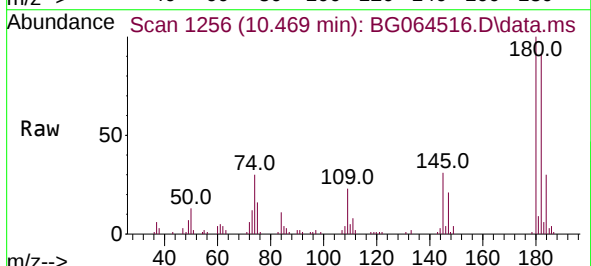
Tgt Ion:162 Resp: 4971
Ion Ratio Lower Upper
162 100
164 65.5 45.4 85.4
98 31.4 16.4 56.4

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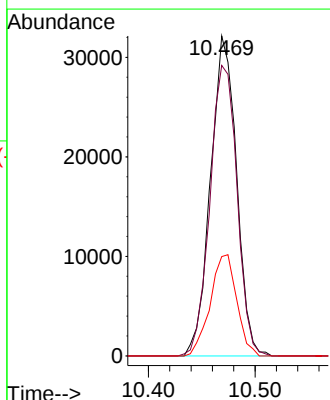
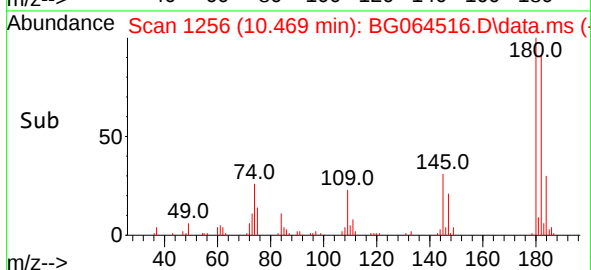
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

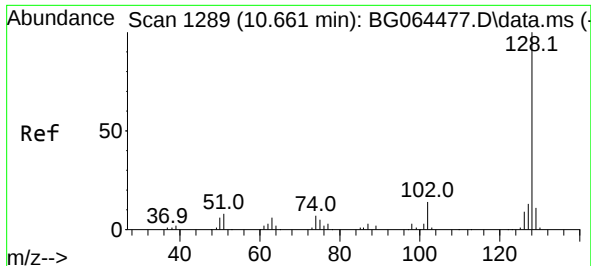


#30
1,2,4-Trichlorobenzene
Concen: 45.797 ng
RT: 10.469 min Scan# 1256
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53



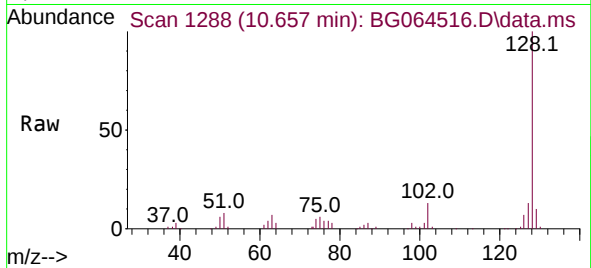
Tgt Ion:180 Resp: 54487
Ion Ratio Lower Upper
180 100
182 90.8 75.4 113.2
145 31.0 23.2 34.8





#31
Naphthalene
Concen: 42.308 ng
RT: 10.657 min Scan# 1288
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

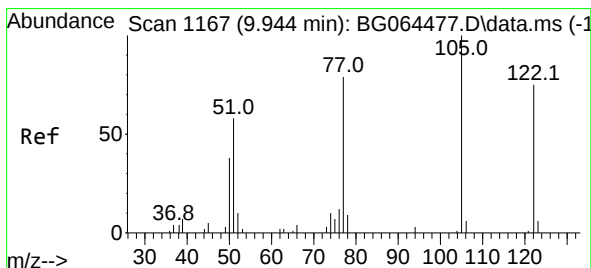
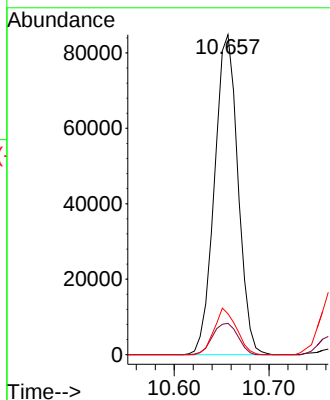
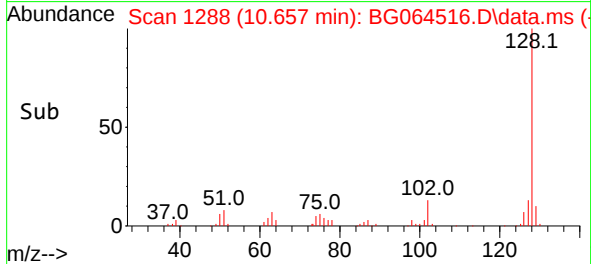
Instrument :
BNA_G
ClientSampleId :
PB170122BS



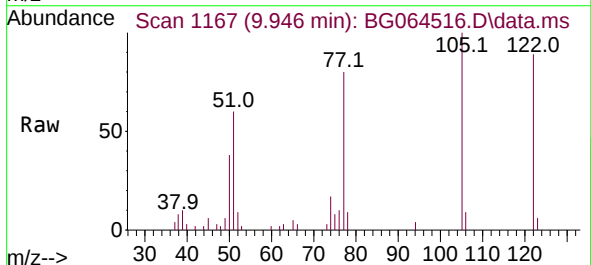
Tgt Ion:128 Resp: 145818
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 12.8 10.2 15.2

Manual Integrations
APPROVED

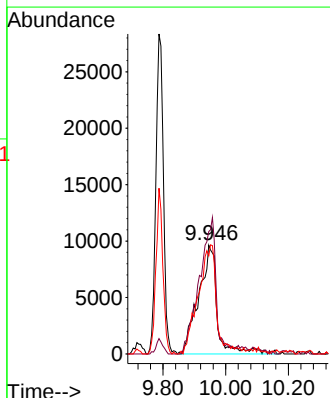
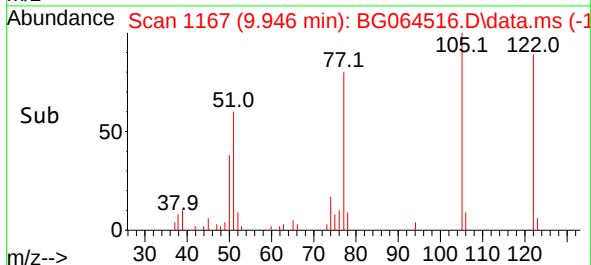
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

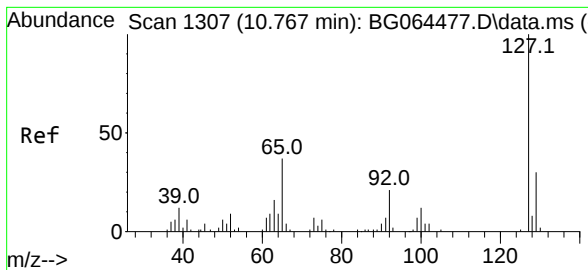


#32
Benzoic acid
Concen: 54.719 ng m
RT: 9.946 min Scan# 1167
Delta R.T. 0.057 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53



Tgt Ion:122 Resp: 39642
Ion Ratio Lower Upper
122 100
105 112.5 113.9 153.9#
77 90.1 86.1 126.1





#33
4-Chloroaniline
Concen: 24.103 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

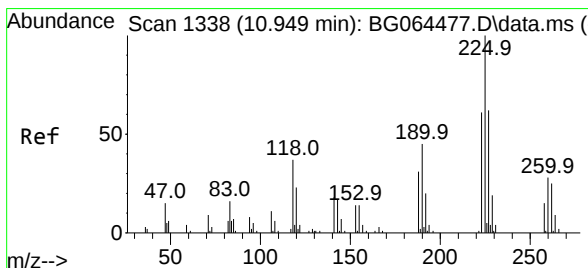
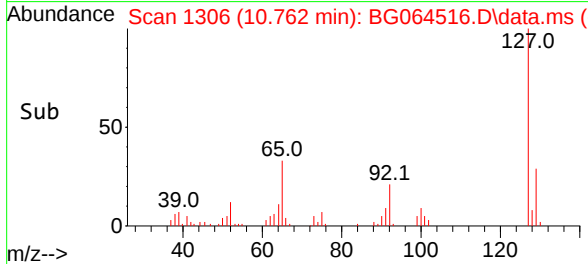
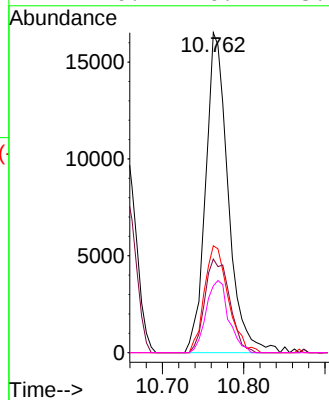
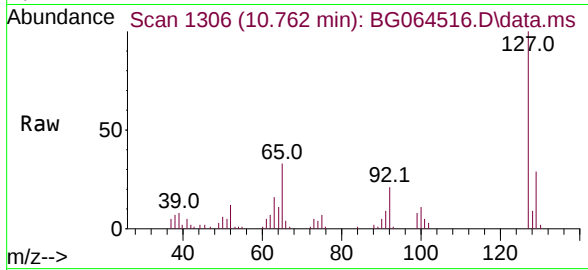
Tgt Ion:127 Resp: 31878
Ion Ratio Lower Upper
127 100
129 29.2 24.2 36.4
65 33.4 29.6 44.4
92 20.9 16.7 25.1

Manual Integrations

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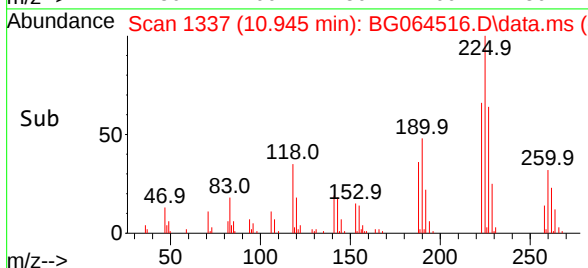
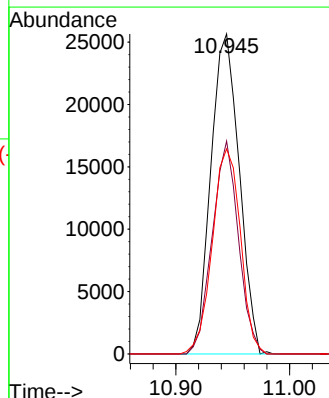
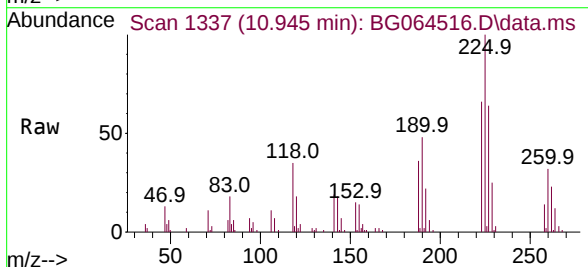
Reviewed By :Rahul Chavli 10/17/2025

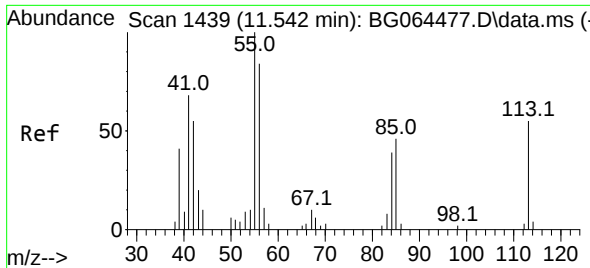
Supervised By :Jagrut Upadhyay 10/17/2025



#34
Hexachlorobutadiene
Concen: 43.664 ng
RT: 10.945 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:225 Resp: 44490
Ion Ratio Lower Upper
225 100
223 66.5 49.0 73.6
227 64.1 49.9 74.9





#35
 Caprolactam
 Concen: 43.435 ng m
 RT: 11.550 min Scan# 1439
 Delta R.T. 0.040 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

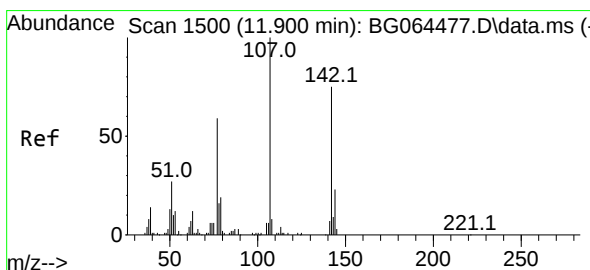
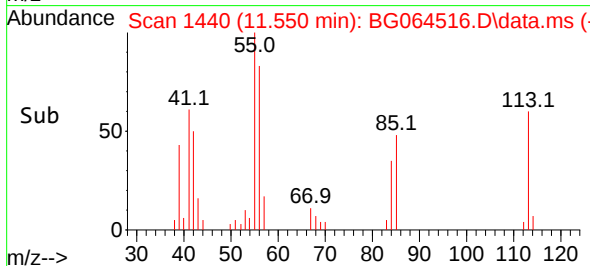
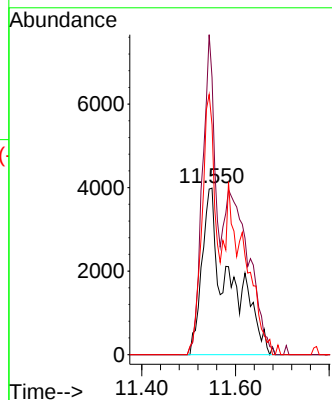
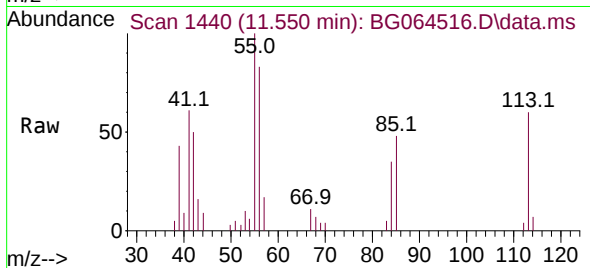
ClientSampleId :

PB170122BS

Tgt Ion:113 Resp: 16225
 Ion Ratio Lower Upper
 113 100
 55 166.4 162.0 202.0
 56 137.9 134.6 174.6

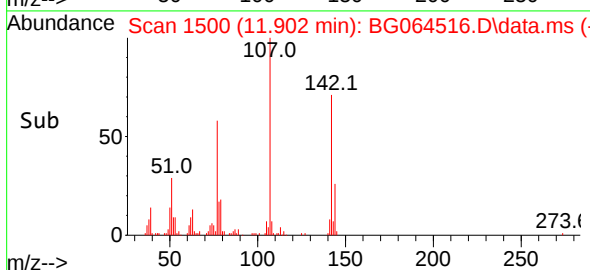
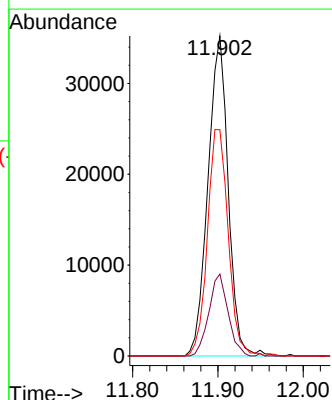
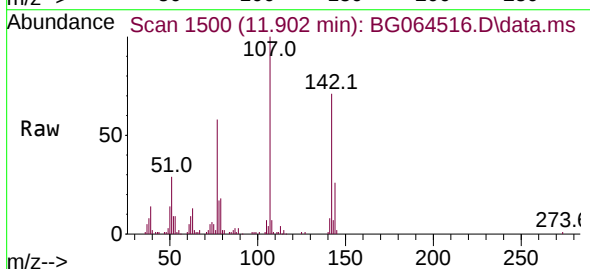
Manual Integrations
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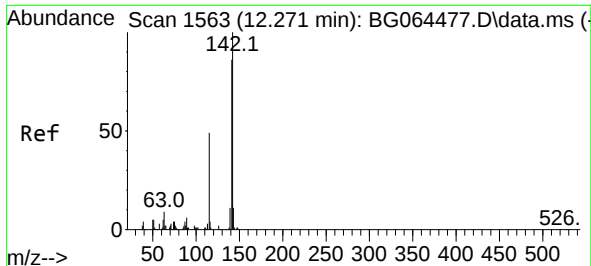
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025



#36
 4-Chloro-3-methylphenol
 Concen: 43.645 ng
 RT: 11.902 min Scan# 1500
 Delta R.T. 0.010 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

Tgt Ion:107 Resp: 57914
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.7 28.1
 142 70.7 60.2 90.2





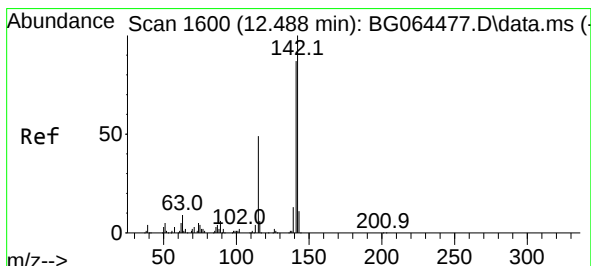
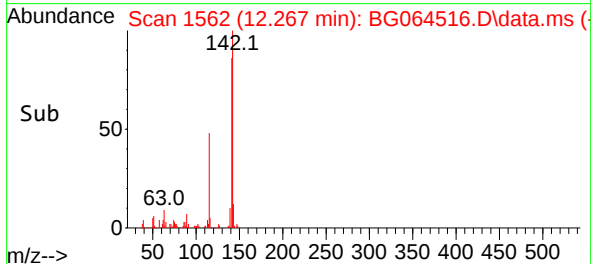
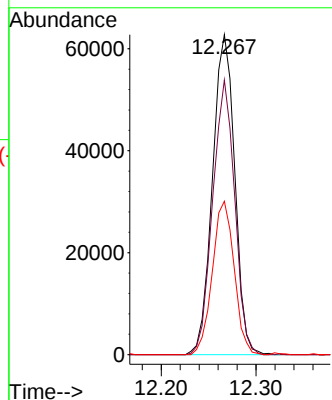
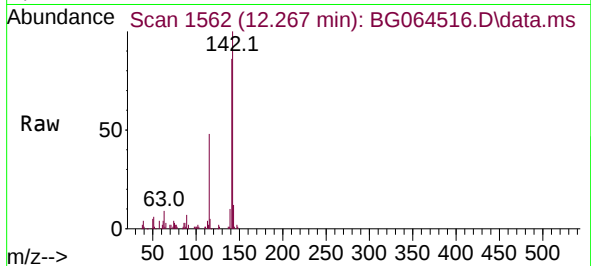
#37
2-Methylnaphthalene
Concen: 38.642 ng
RT: 12.267 min Scan# 1562
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Tgt Ion:142 Resp: 102234
Ion Ratio Lower Upper
142 100
141 85.8 68.7 103.1
115 47.9 39.3 58.9

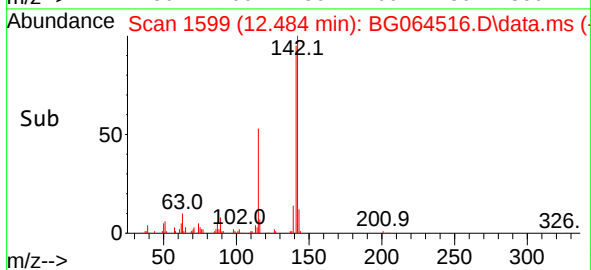
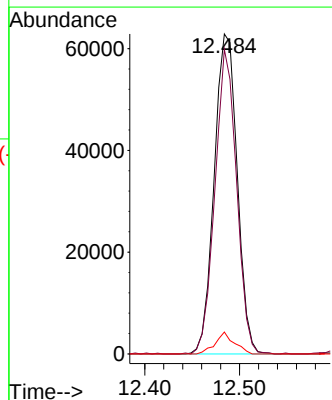
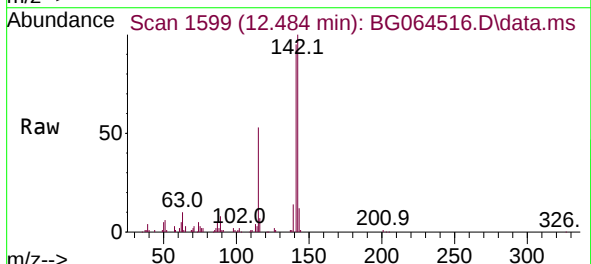
Manual Integrations
APPROVED

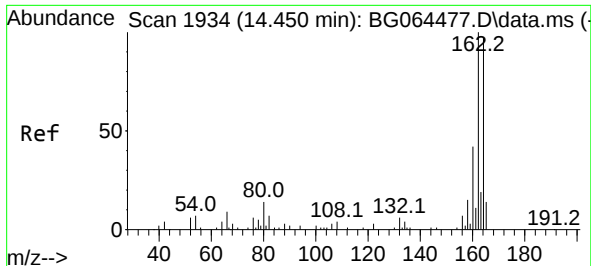
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#38
1-Methylnaphthalene
Concen: 40.123 ng
RT: 12.484 min Scan# 1599
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:142 Resp: 105848
Ion Ratio Lower Upper
142 100
141 95.2 69.8 104.8
116 6.8 4.6 6.8





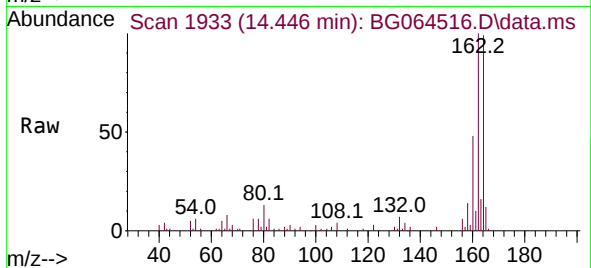
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS



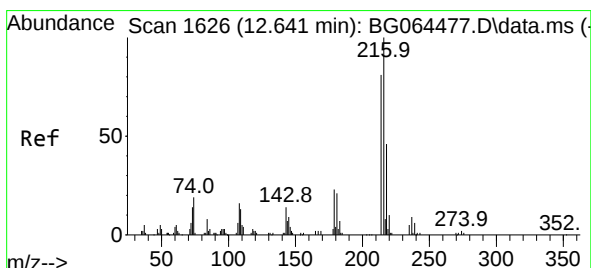
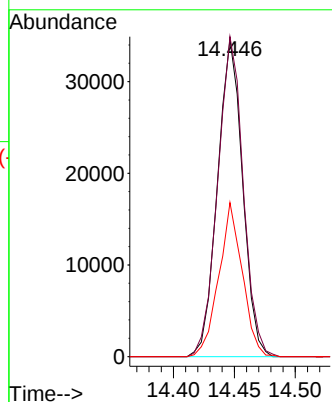
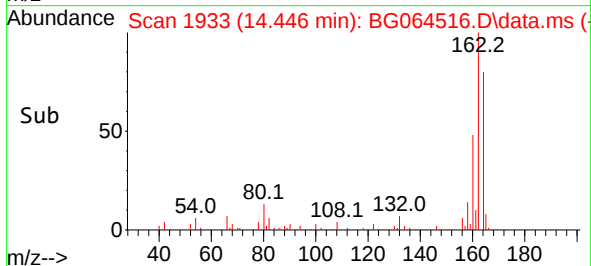
Tgt Ion:164 Resp: 49434
Ion Ratio Lower Upper
164 100
162 100.8 82.2 123.2
160 48.5 34.3 51.5

Manual Integrations

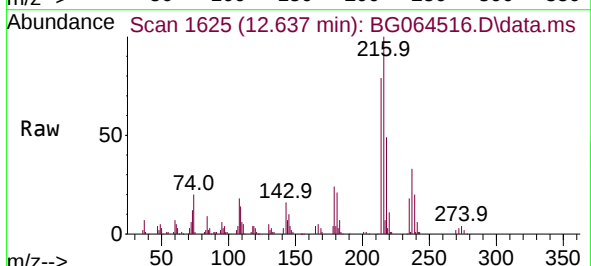
APPROVED

Reviewed By :Rahul Chavli 10/17/2025

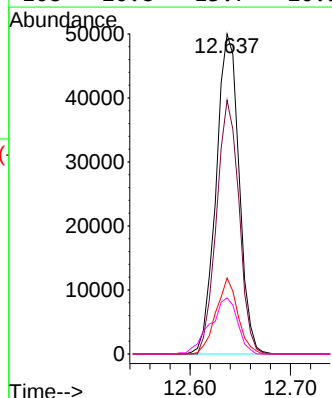
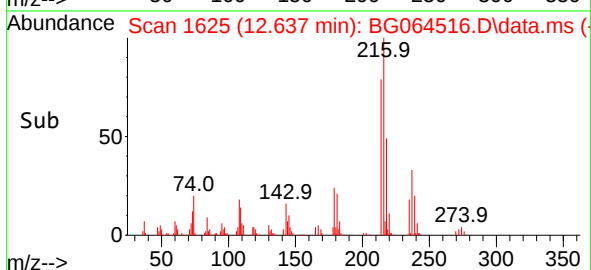
Supervised By :Jagrut Upadhyay 10/17/2025

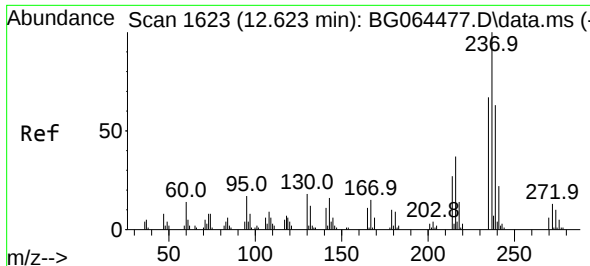


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.990 ng
RT: 12.637 min Scan# 1625
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53



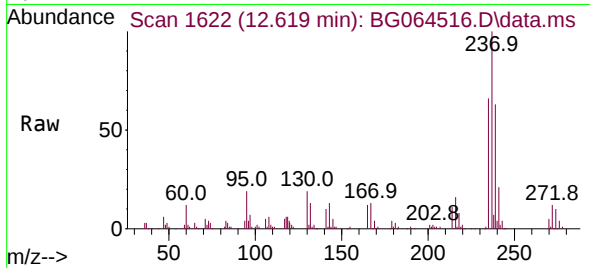
Tgt Ion:216 Resp: 79790
Ion Ratio Lower Upper
216 100
214 77.1 62.5 93.7
179 22.5 17.0 25.6
108 20.8 13.7 20.5#





#41
Hexachlorocyclopentadiene
Concen: 138.833 ng
RT: 12.619 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

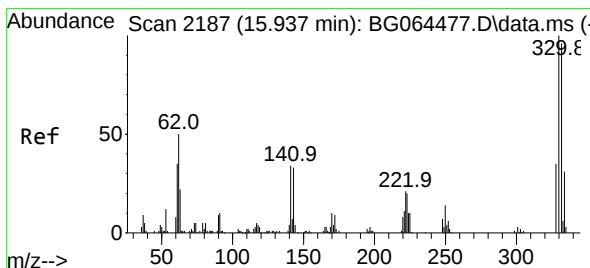
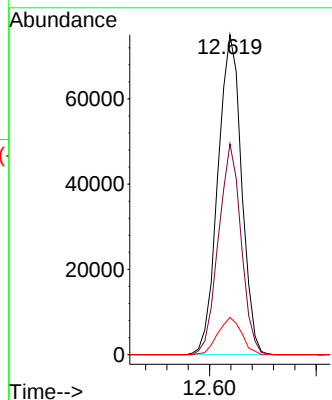
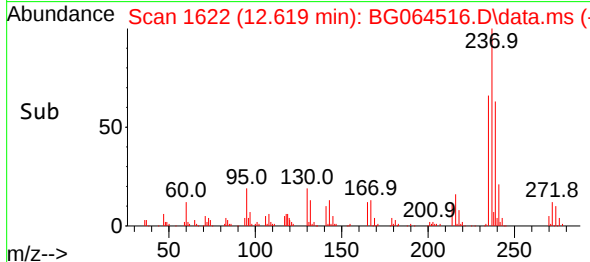
Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion:237 Resp: 115915
Ion Ratio Lower Upper
237 100
235 65.9 46.9 86.9
272 11.6 0.0 32.6

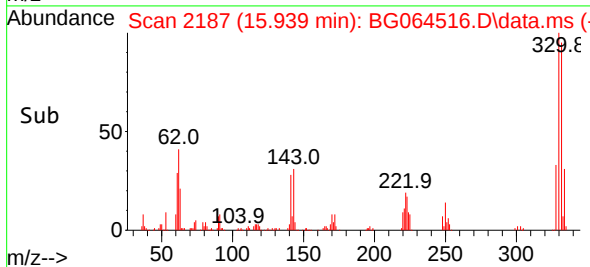
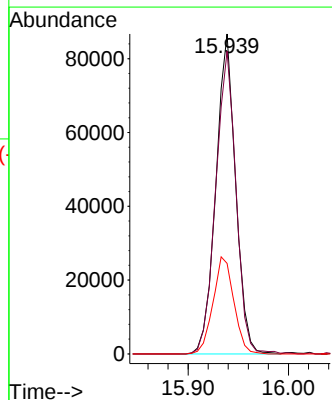
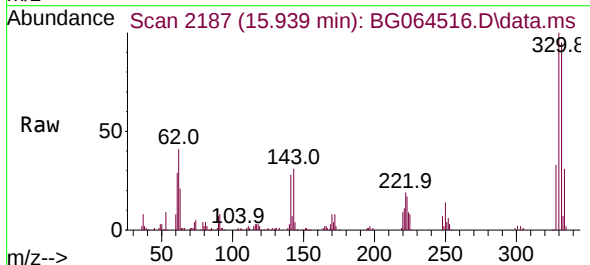
Manual Integrations
APPROVED

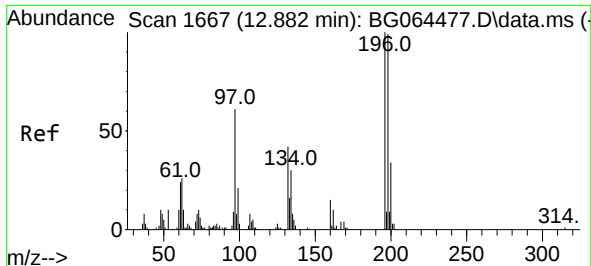
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#42
2,4,6-Tribromophenol
Concen: 132.338 ng
RT: 15.939 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:330 Resp: 118583
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 31.9 25.8 38.6





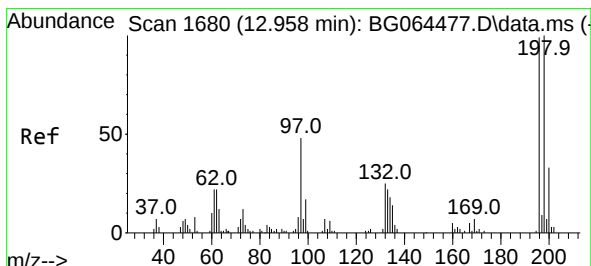
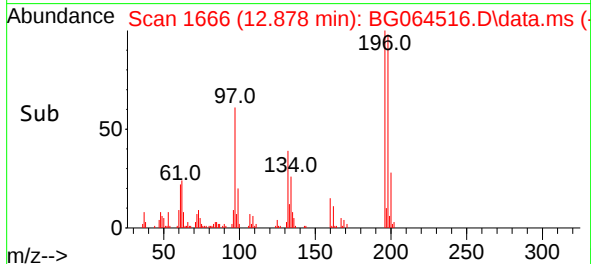
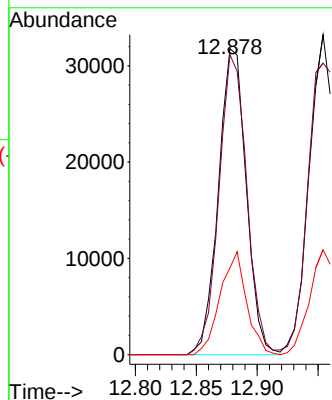
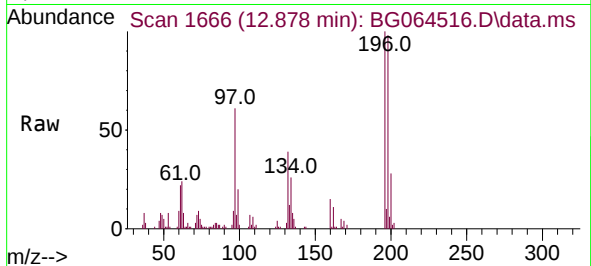
#43
2,4,6-Trichlorophenol
Concen: 49.551 ng
RT: 12.878 min Scan# 1666
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Tgt Ion:196 Resp: 50559
Ion Ratio Lower Upper
196 100
198 98.0 79.3 118.9
200 28.4 27.4 41.2

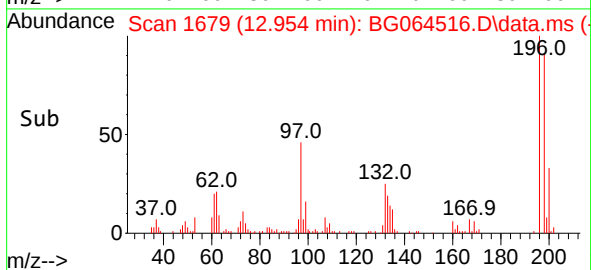
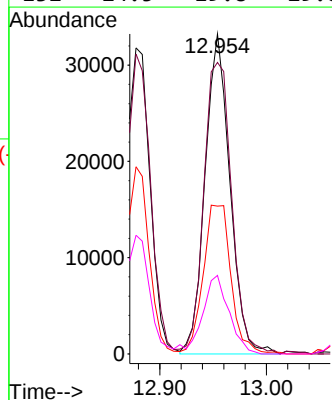
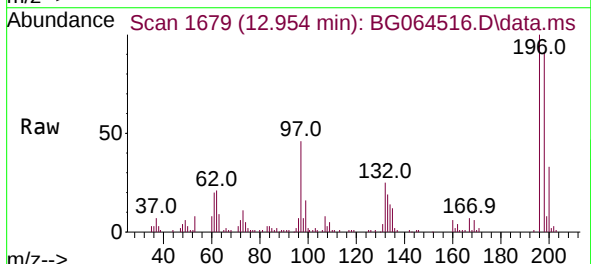
Manual Integrations
APPROVED

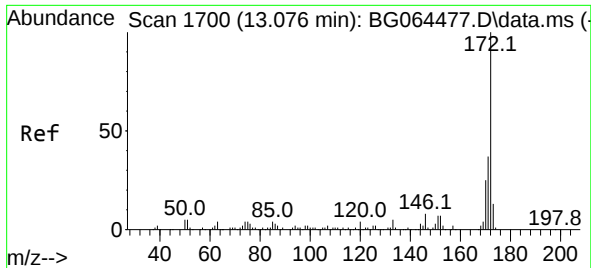
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#44
2,4,5-Trichlorophenol
Concen: 47.394 ng
RT: 12.954 min Scan# 1679
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

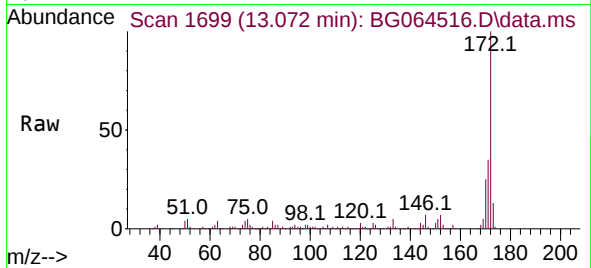
Tgt Ion:196 Resp: 53988
Ion Ratio Lower Upper
196 100
198 91.1 80.3 120.5
97 46.2 39.4 59.0
132 24.5 19.8 29.8





#45
2-Fluorobiphenyl
Concen: 83.448 ng
RT: 13.072 min Scan# 1699
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

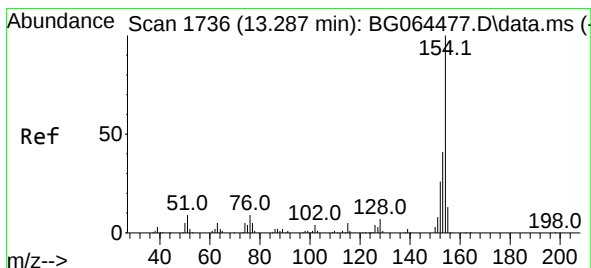
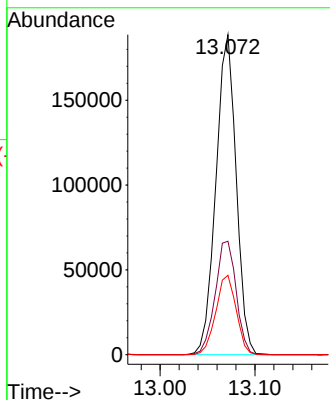
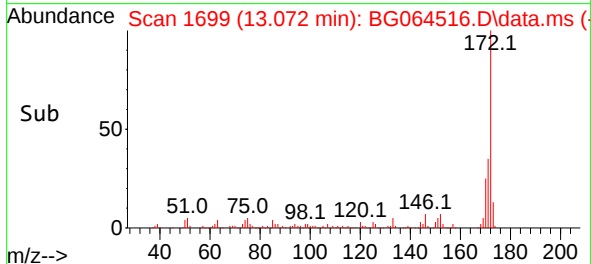
Instrument :
BNA_G
ClientSampleId :
PB170122BS



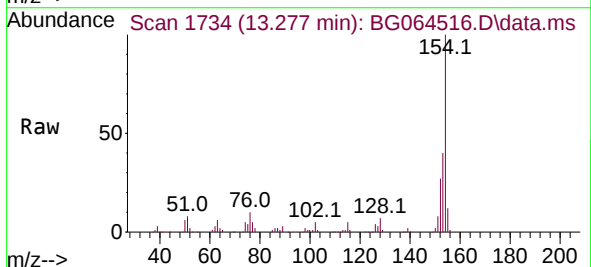
Tgt Ion:172 Resp: 279862
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 24.8 20.2 30.2

Manual Integrations
APPROVED

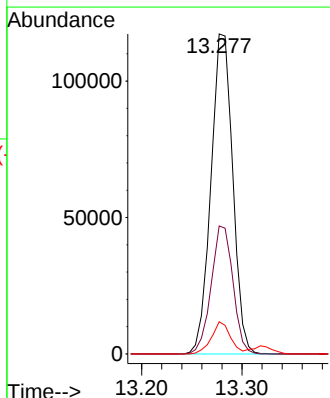
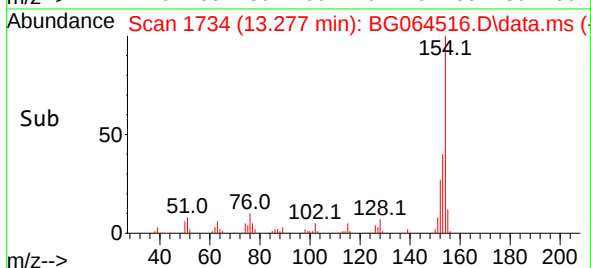
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

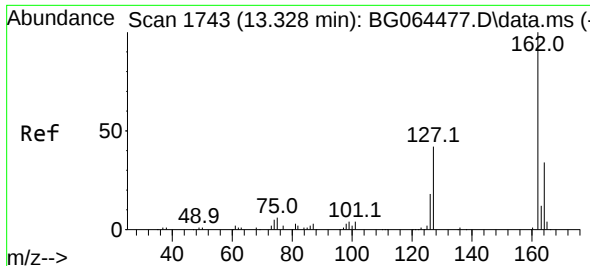


#46
1,1'-Biphenyl
Concen: 49.842 ng
RT: 13.277 min Scan# 1734
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53



Tgt Ion:154 Resp: 177211
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 10.0 0.0 29.3





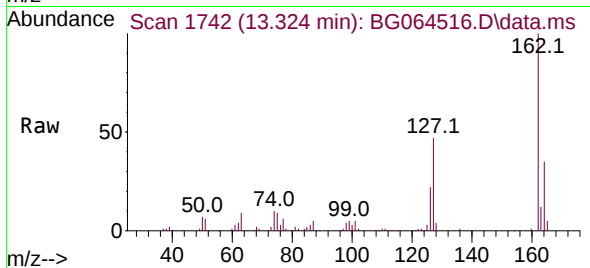
#47
2-Chloronaphthalene
Concen: 43.648 ng
RT: 13.324 min Scan# 1743
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS



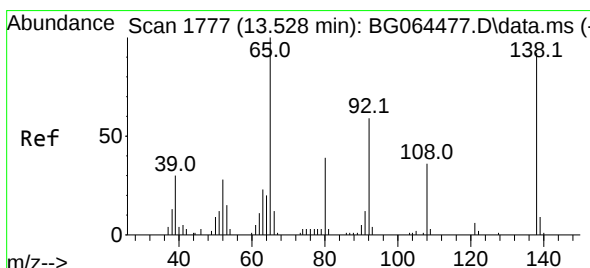
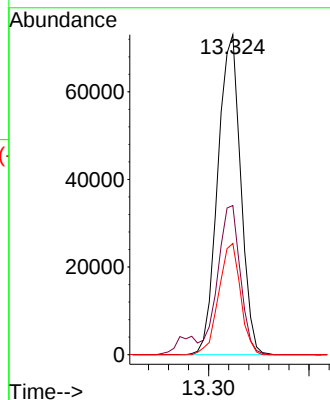
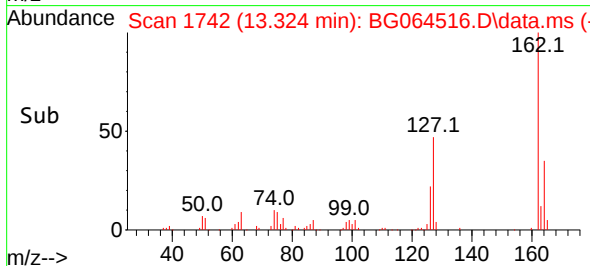
Tgt Ion:162 Resp: 115866
Ion Ratio Lower Upper
162 100
127 46.6 35.8 53.8
164 34.7 27.2 40.8

Manual Integrations

APPROVED

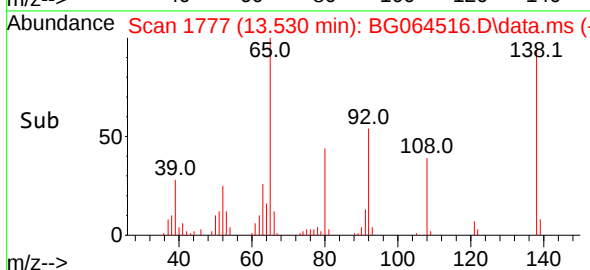
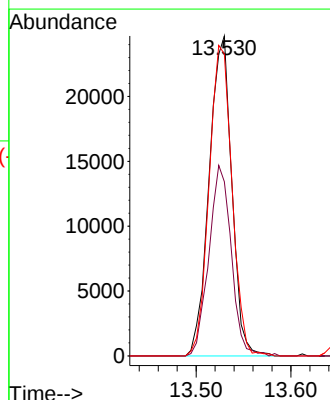
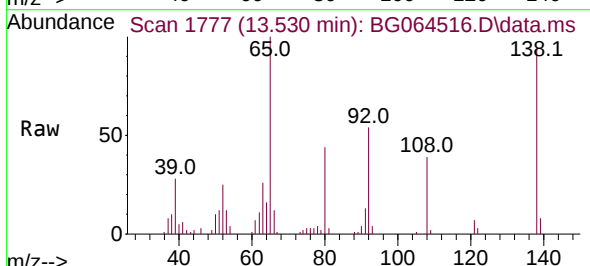
Reviewed By :Rahul Chavli 10/17/2025

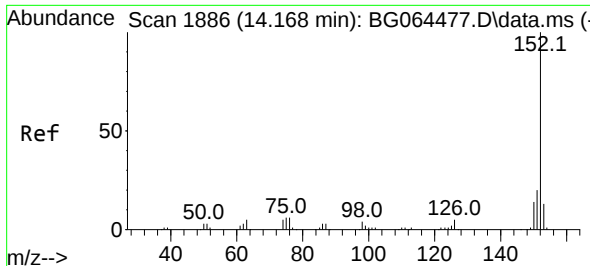
Supervised By :Jagrut Upadhyay 10/17/2025



#48
2-Nitroaniline
Concen: 45.110 ng
RT: 13.530 min Scan# 1777
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

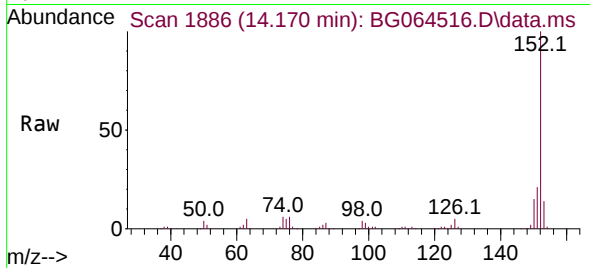
Tgt Ion: 65 Resp: 40870
Ion Ratio Lower Upper
65 100
92 54.4 47.0 70.6
138 94.3 73.5 110.3





#49
Acenaphthylene
Concen: 51.219 ng
RT: 14.170 min Scan# 1886
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

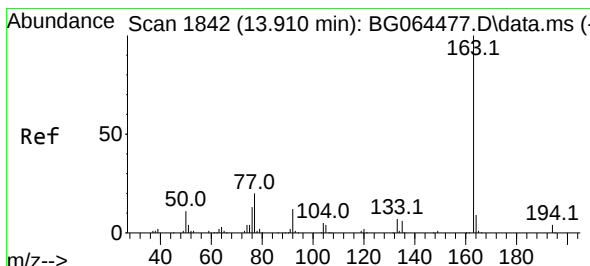
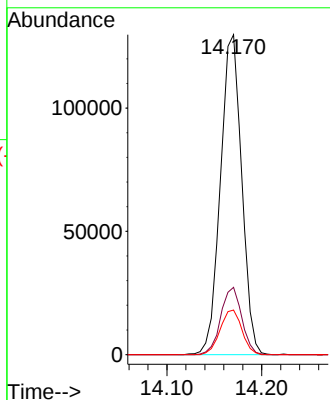
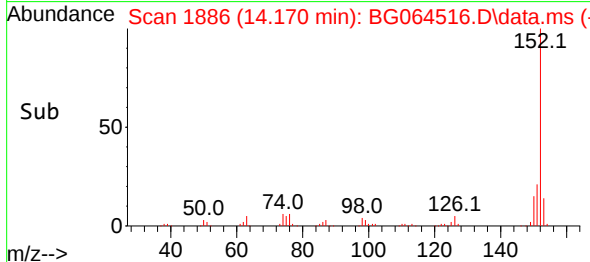
Instrument :
BNA_G
ClientSampleId :
PB170122BS



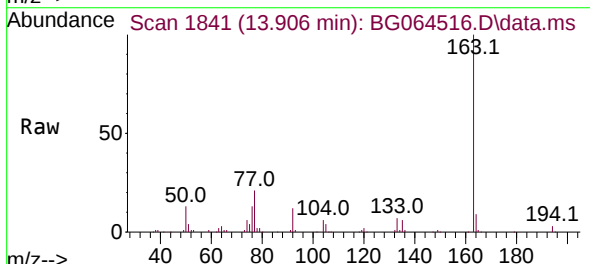
Tgt Ion:152 Resp: 201834
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 14.0 10.6 15.8

Manual Integrations
APPROVED

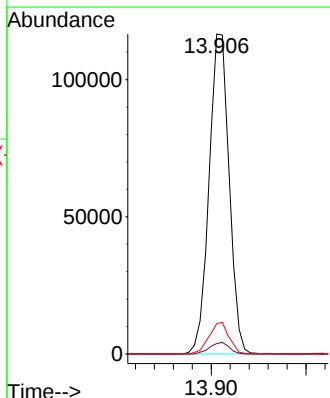
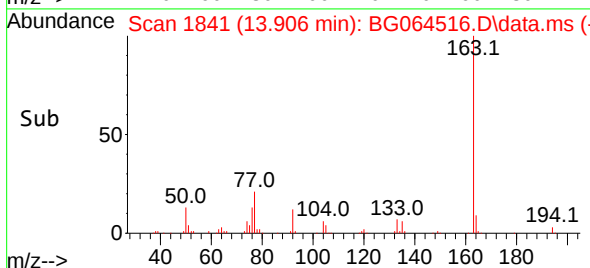
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

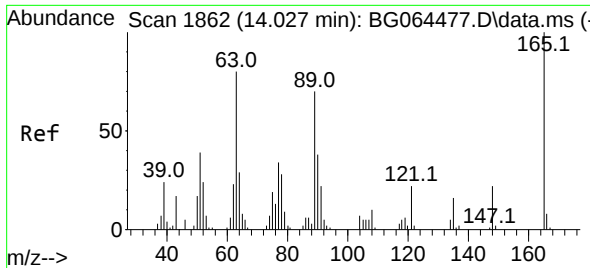


#50
Dimethylphthalate
Concen: 44.316 ng
RT: 13.906 min Scan# 1841
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53



Tgt Ion:163 Resp: 171578
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 9.4 7.4 11.0





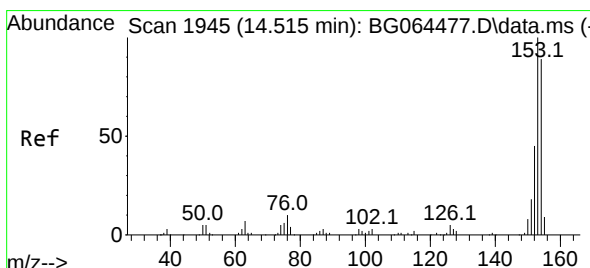
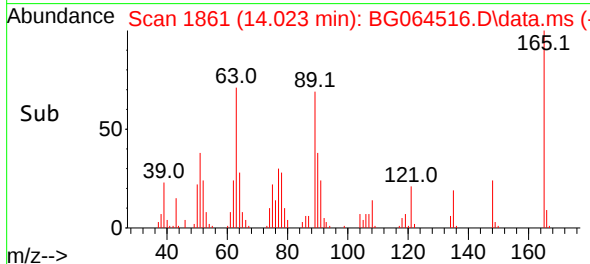
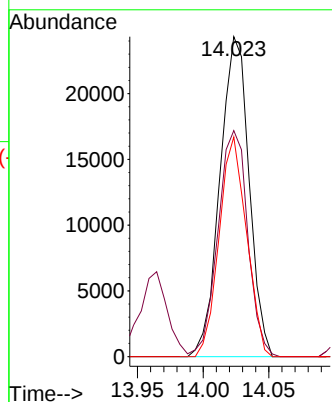
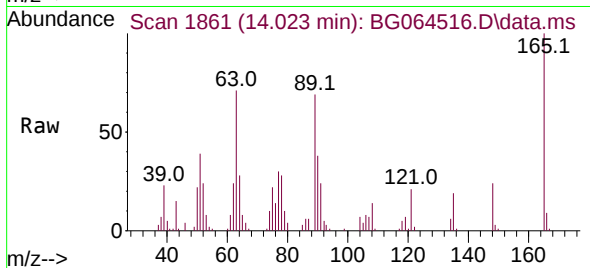
#51
2,6-Dinitrotoluene
Concen: 46.574 ng
RT: 14.023 min Scan# 1862
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Tgt Ion:165 Resp: 37563
Ion Ratio Lower Upper
165 100
63 70.6 63.9 95.9
89 68.6 56.1 84.1

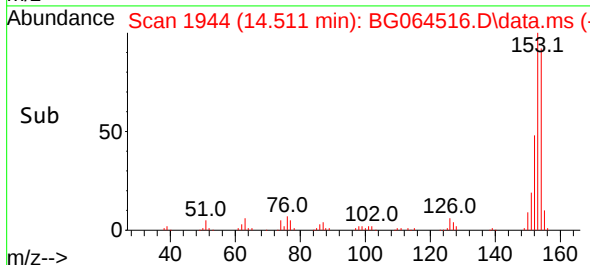
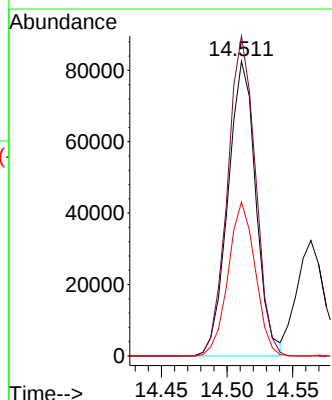
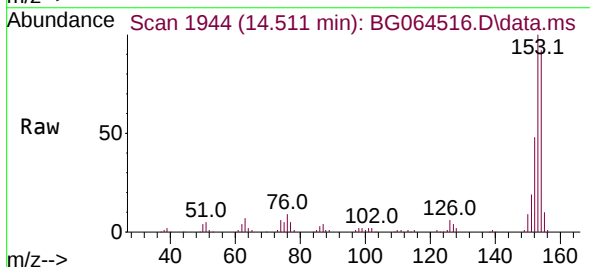
Manual Integrations
APPROVED

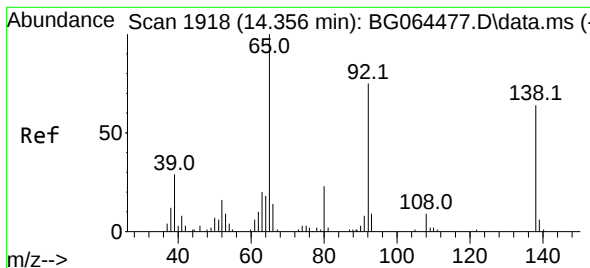
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#52
Acenaphthene
Concen: 44.575 ng
RT: 14.511 min Scan# 1944
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:154 Resp: 122036
Ion Ratio Lower Upper
154 100
153 108.6 90.2 135.4
152 52.2 40.2 60.4





#53
3-Nitroaniline
Concen: 31.469 ng
RT: 14.352 min Scan# 1917
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

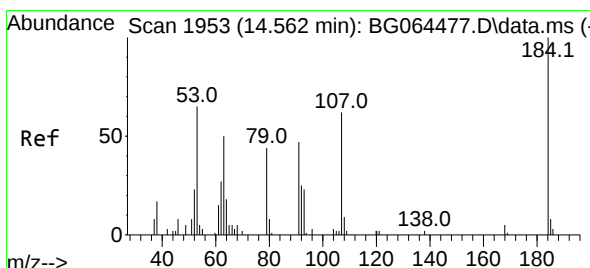
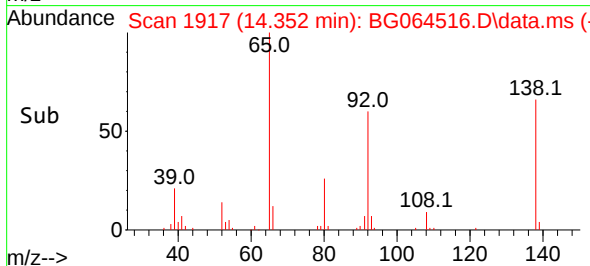
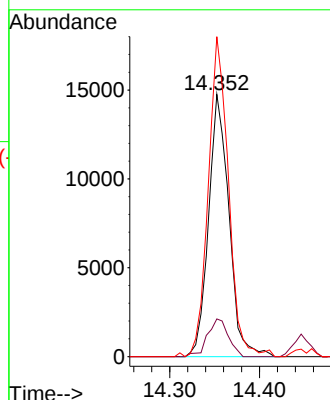
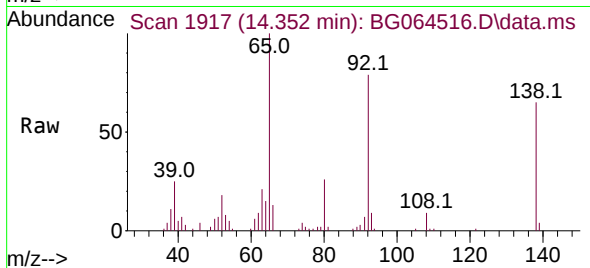
PB170122BS

Tgt Ion:138 Resp: 2340
Ion Ratio Lower Upper
138 100
108 14.4 10.6 15.8
92 122.0 93.2 139.8

Manual Integrations

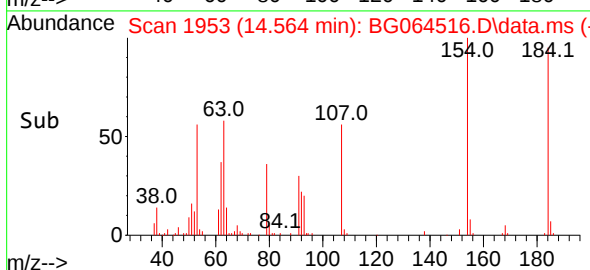
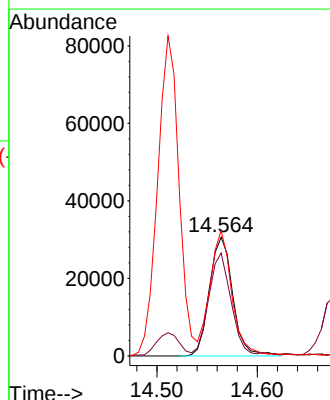
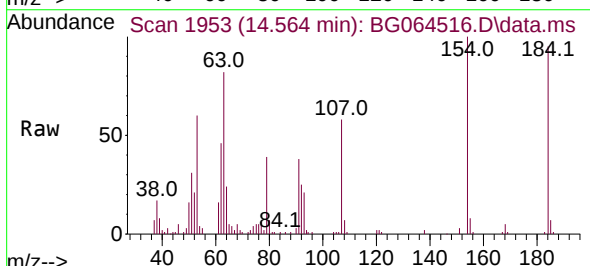
APPROVED

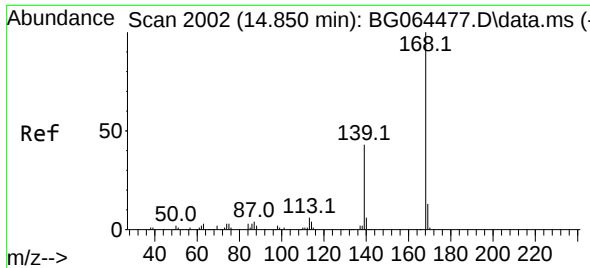
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#54
2,4-Dinitrophenol
Concen: 84.086 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

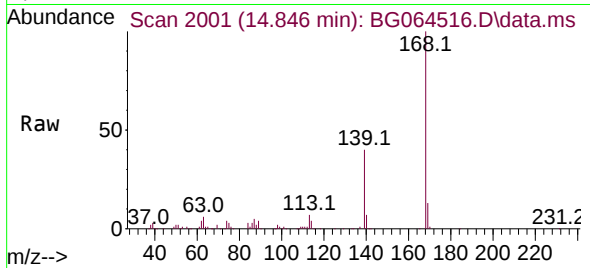
Tgt Ion:184 Resp: 49175
Ion Ratio Lower Upper
184 100
63 86.6 69.0 103.4
154 105.7 95.6 143.4





#55
Dibenzenofuran
Concen: 45.564 ng
RT: 14.846 min Scan# 2002
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

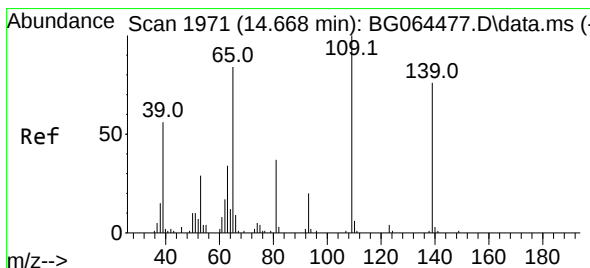
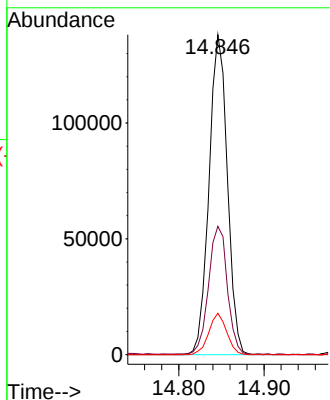
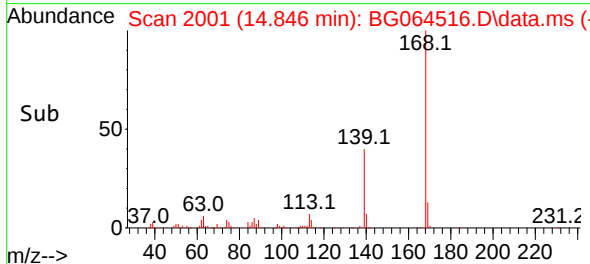
Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion:168 Resp: 205969
Ion Ratio Lower Upper
168 100
139 40.1 34.0 51.0
169 12.9 10.2 15.2

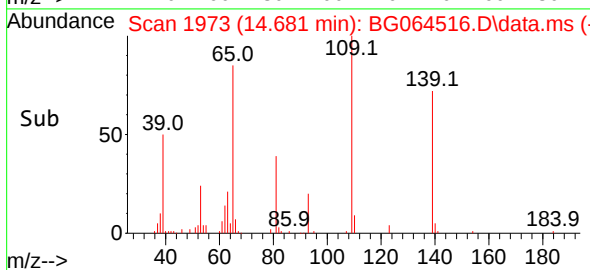
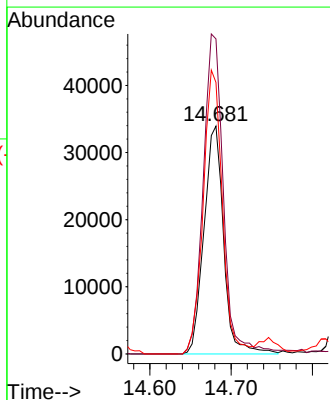
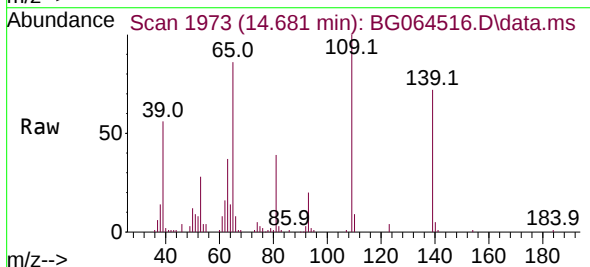
Manual Integrations
APPROVED

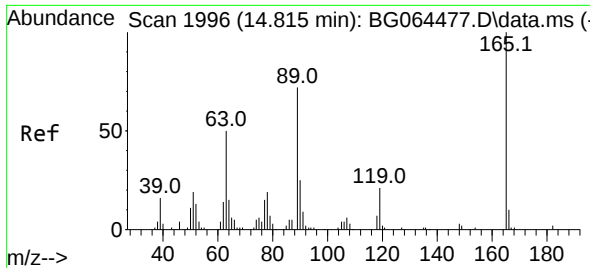
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#56
4-Nitrophenol
Concen: 97.460 ng
RT: 14.681 min Scan# 1973
Delta R.T. 0.016 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:139 Resp: 57074
Ion Ratio Lower Upper
139 100
109 138.2 111.8 151.8
65 119.2 91.1 131.1





#57
2,4-Dinitrotoluene
Concen: 46.728 ng
RT: 14.817 min Scan# 1996
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

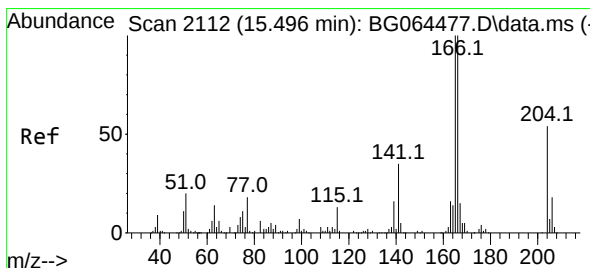
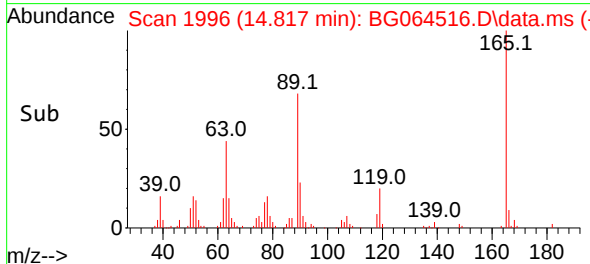
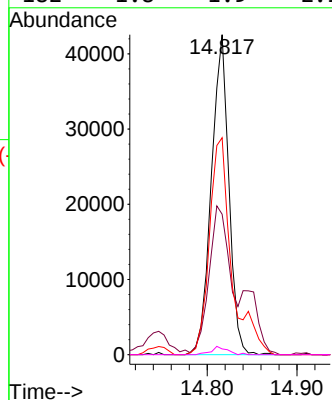
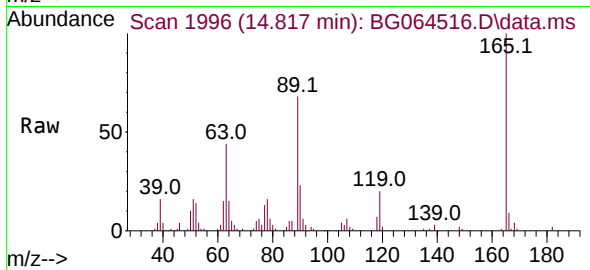
PB170122BS

Tgt Ion:165 Resp: 57612
Ion Ratio Lower Upper
165 100
63 43.9 40.4 60.6
89 67.8 57.3 85.9
182 1.8 1.9 2.9#

Manual Integrations

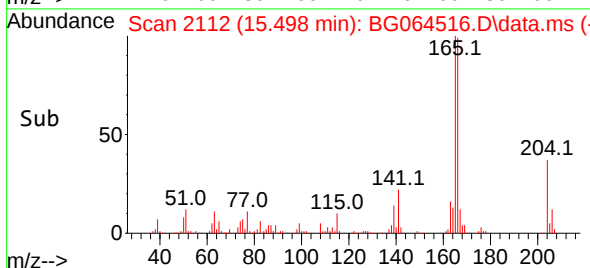
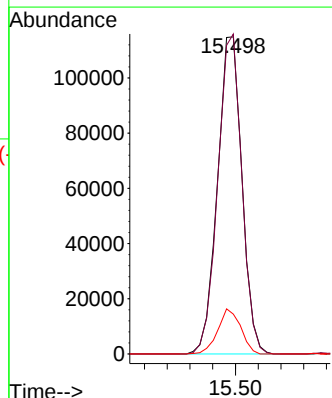
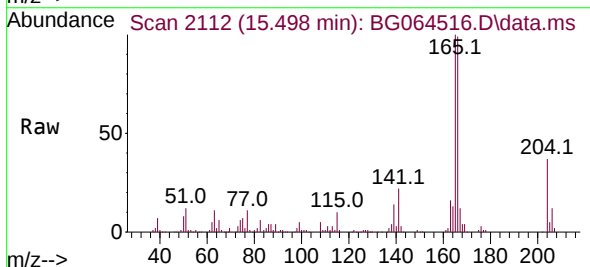
APPROVED

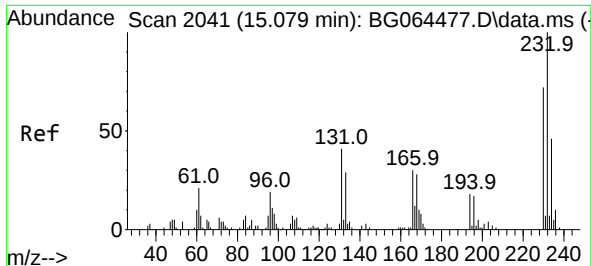
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#58
Fluorene
Concen: 45.677 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

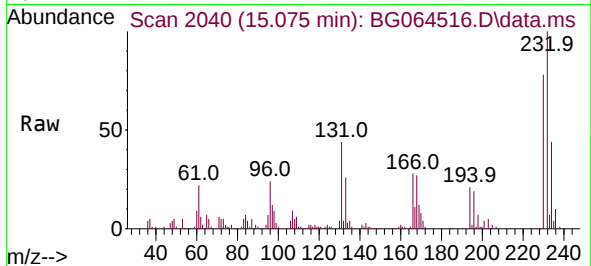
Tgt Ion:166 Resp: 171657
Ion Ratio Lower Upper
166 100
165 100.9 79.8 119.6
167 12.6 11.7 17.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.947 ng
RT: 15.075 min Scan# 2041
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

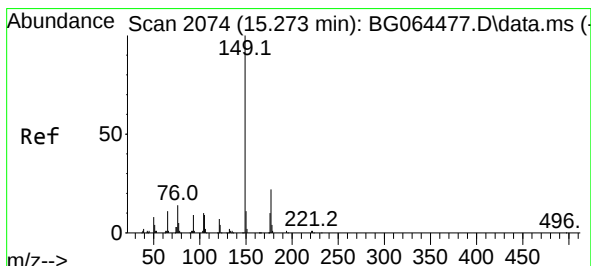
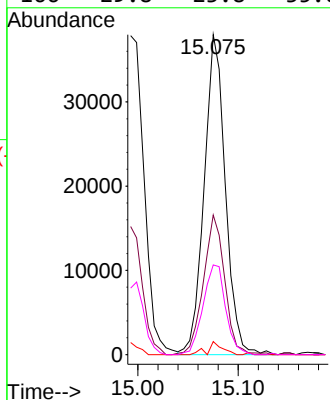
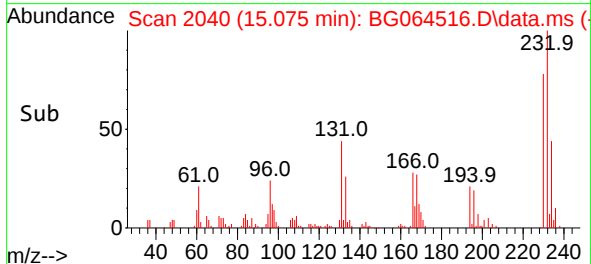
Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion:232 Resp: 55741
Ion Ratio Lower Upper
232 100
131 43.7 35.0 52.4
130 2.8 2.0 3.0
166 29.8 23.8 35.6

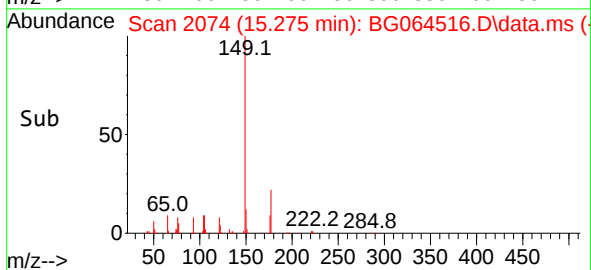
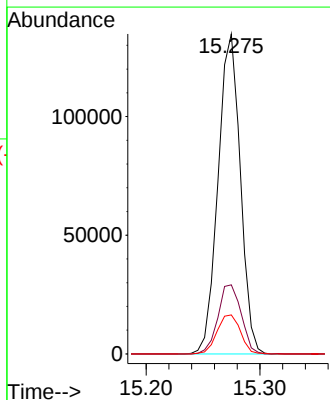
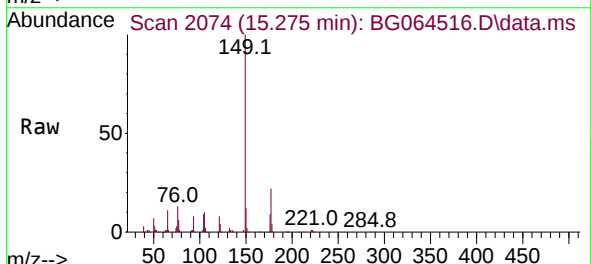
Manual Integrations
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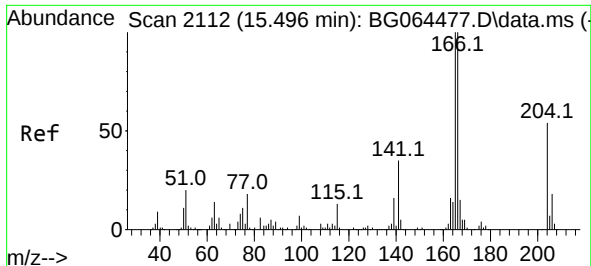
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#60
Diethylphthalate
Concen: 44.119 ng
RT: 15.275 min Scan# 2074
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

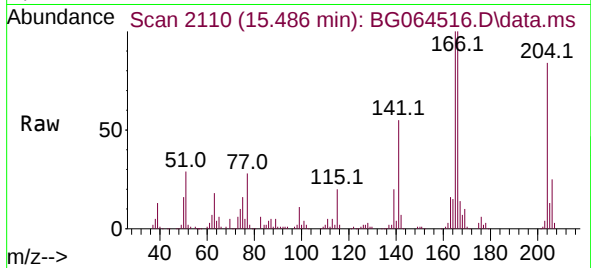
Tgt Ion:149 Resp: 183242
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.2 9.1 13.7





#61
4-Chlorophenyl-phenylether
Concen: 44.063 ng
RT: 15.486 min Scan# 2112
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

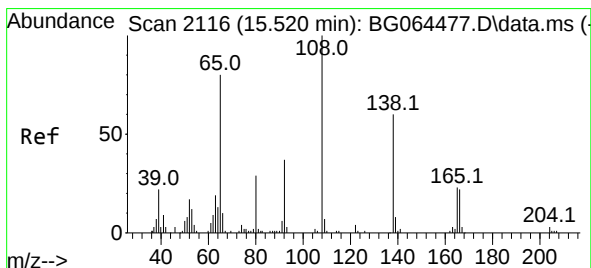
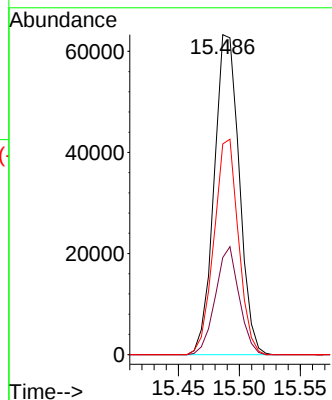
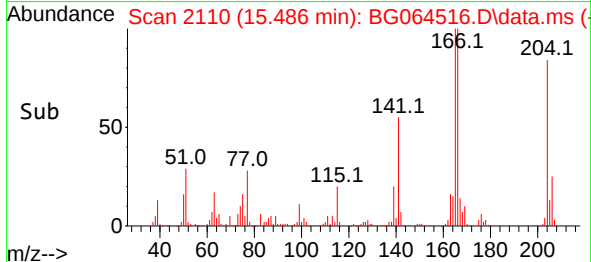
Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion:204 Resp: 90404
Ion Ratio Lower Upper
204 100
206 30.3 27.1 40.7
141 65.8 51.5 77.3

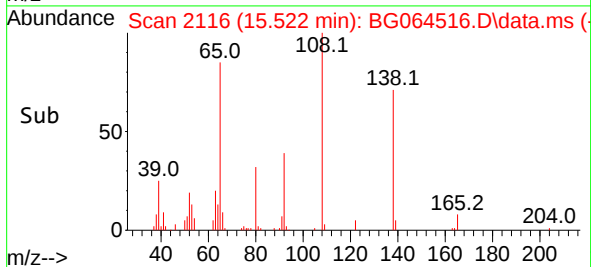
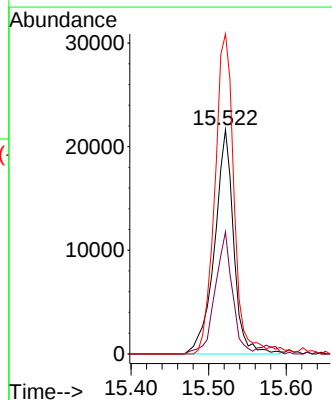
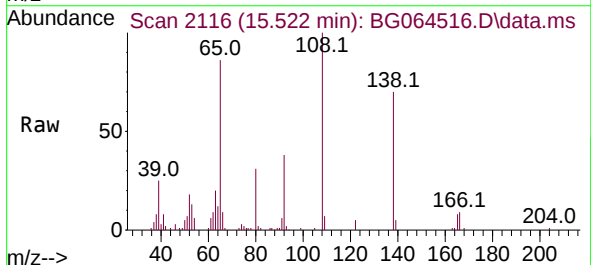
Manual Integrations
APPROVED

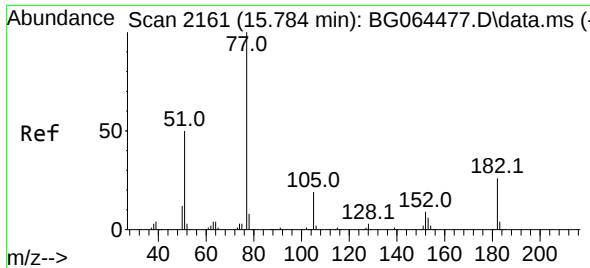
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#62
4-Nitroaniline
Concen: 47.618 ng
RT: 15.522 min Scan# 2116
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

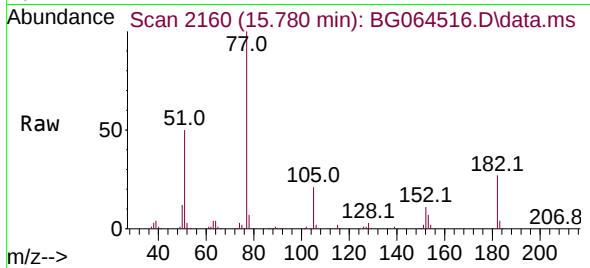
Tgt Ion:138 Resp: 36916
Ion Ratio Lower Upper
138 100
92 54.4 42.3 82.3
108 142.7 147.7 187.7#





#63
Azobenzene
Concen: 45.020 ng
RT: 15.780 min Scan# 2161
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

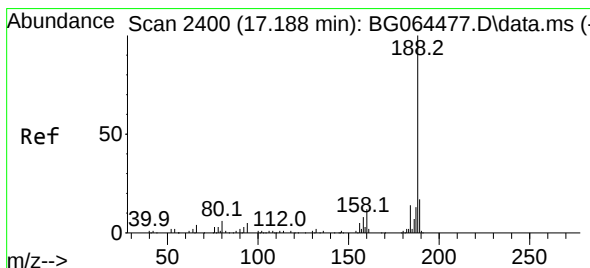
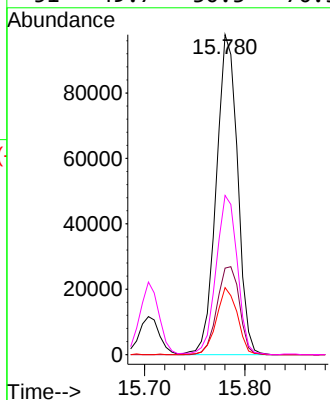
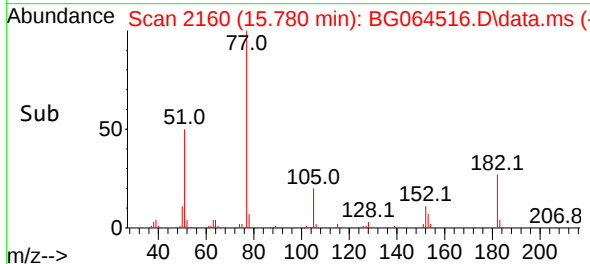
Instrument :
BNA_G
ClientSampleId :
PB170122BS



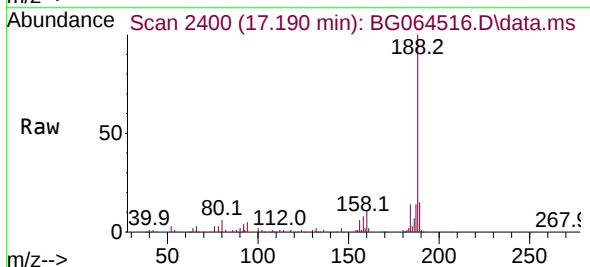
Tgt Ion: 77 Resp: 144812
Ion Ratio Lower Upper
77 100
182 27.0 6.3 46.3
105 20.9 0.0 38.7
51 49.7 30.3 70.3

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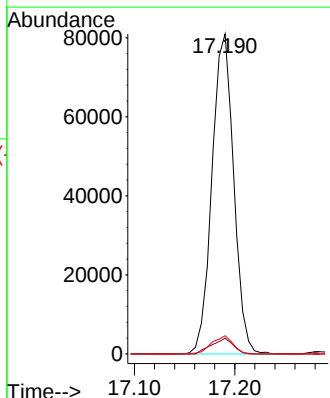
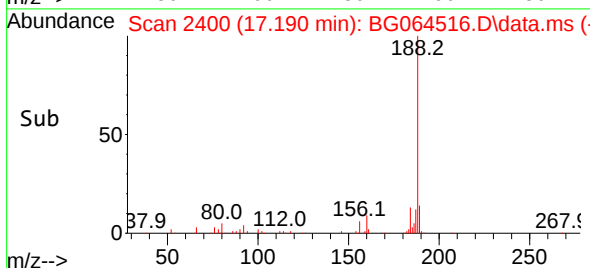
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

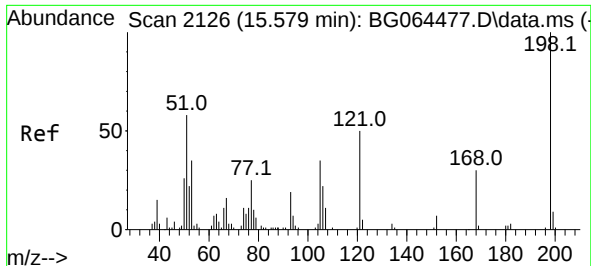


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53



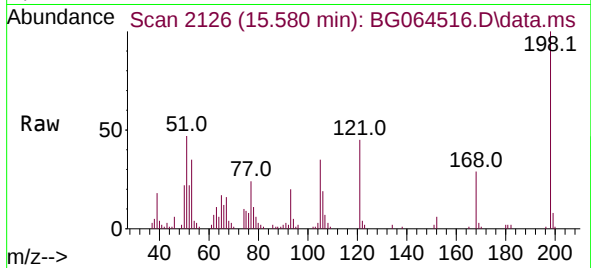
Tgt Ion:188 Resp: 121772
Ion Ratio Lower Upper
188 100
94 4.9 3.7 5.5
80 5.7 4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 46.057 ng
RT: 15.580 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

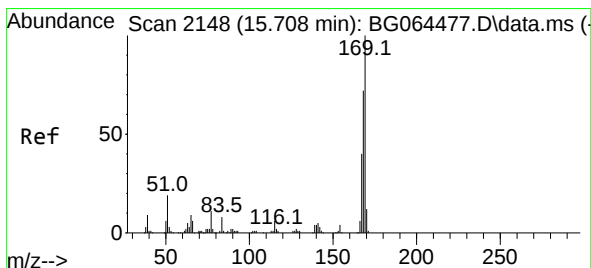
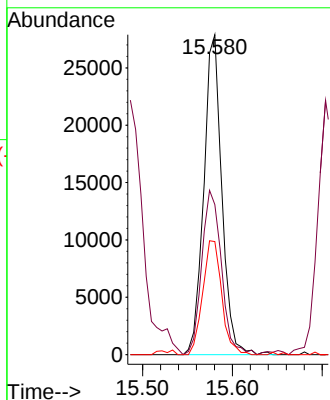
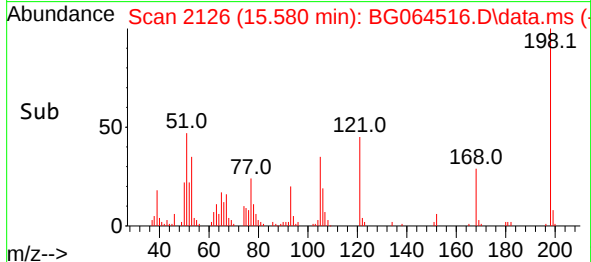
Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion:198 Resp: 39050
Ion Ratio Lower Upper
198 100
51 46.9 39.0 79.0
105 35.3 15.8 55.8

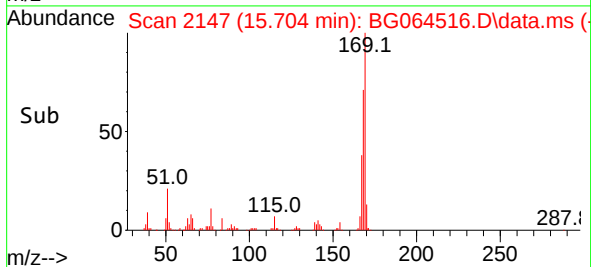
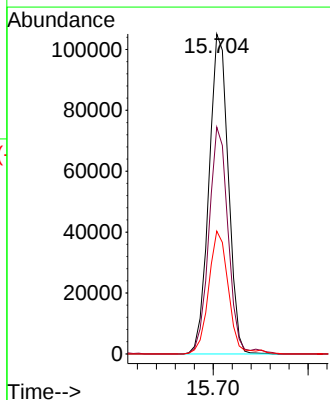
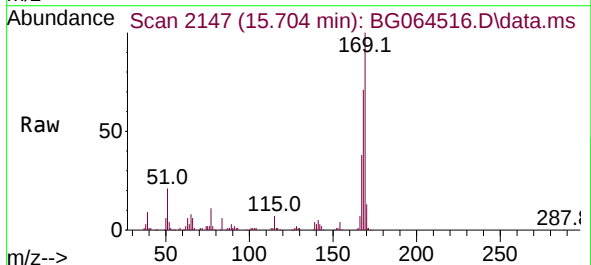
Manual Integrations
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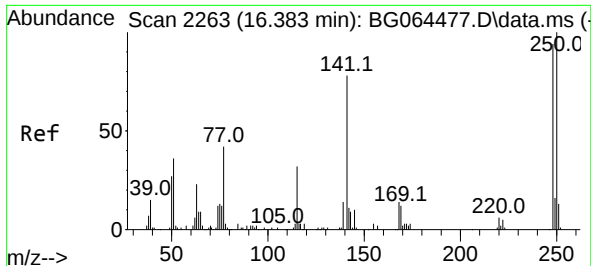
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#66
n-Nitrosodiphenylamine
Concen: 45.685 ng
RT: 15.704 min Scan# 2147
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:169 Resp: 148559
Ion Ratio Lower Upper
169 100
168 70.9 57.8 86.6
167 38.4 31.7 47.5





#67
4-Bromophenyl-phenylether
Concen: 44.679 ng
RT: 16.385 min Scan# 2263
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

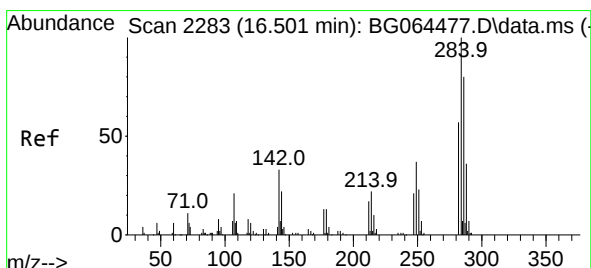
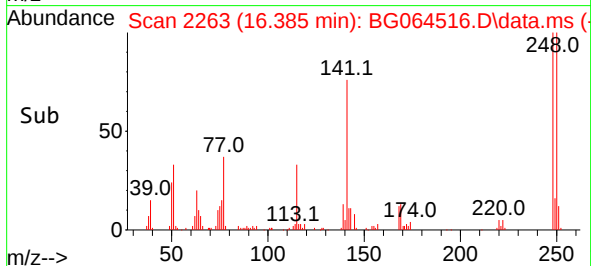
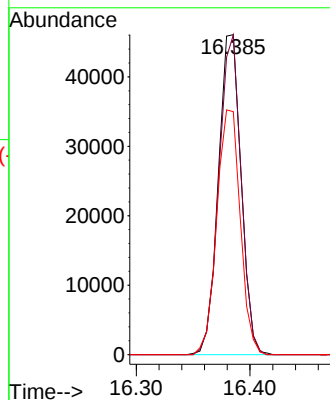
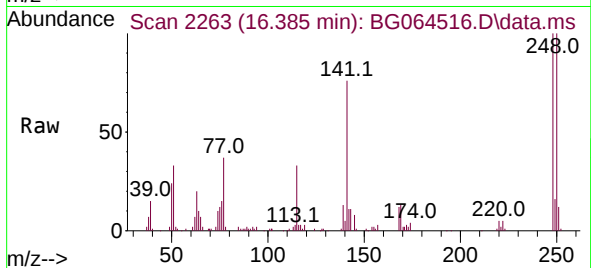
PB170122BS

Tgt Ion:248 Resp: 64024
Ion Ratio Lower Upper
248 100
250 99.9 85.3 127.9
141 75.9 66.2 99.2

Manual Integrations

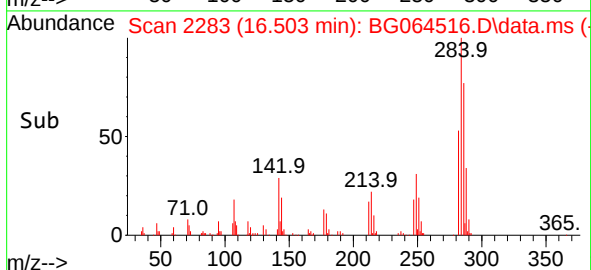
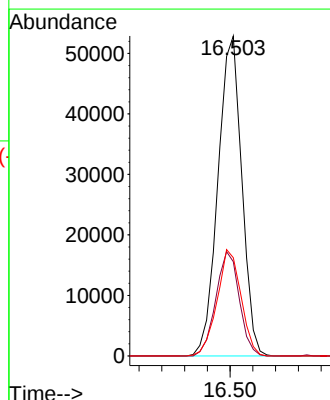
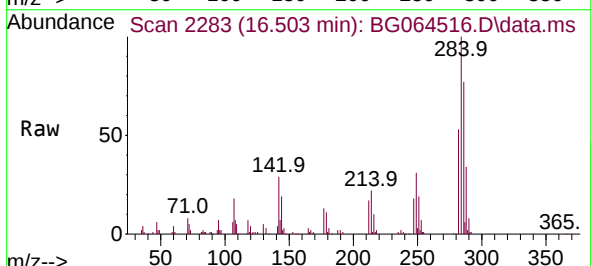
APPROVED

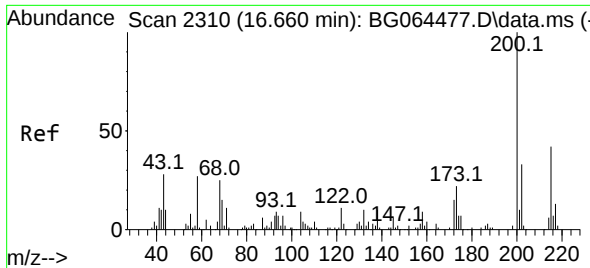
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#68
Hexachlorobenzene
Concen: 46.872 ng
RT: 16.503 min Scan# 2283
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

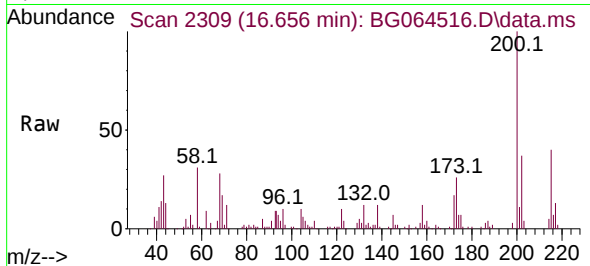
Tgt Ion:284 Resp: 76858
Ion Ratio Lower Upper
284 100
142 29.4 26.2 39.2
249 30.7 29.4 44.0





#69
 Atrazine
 Concen: 46.912 ng
 RT: 16.656 min Scan# 2309
 Delta R.T. 0.004 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

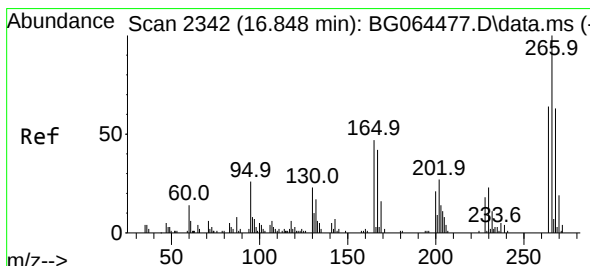
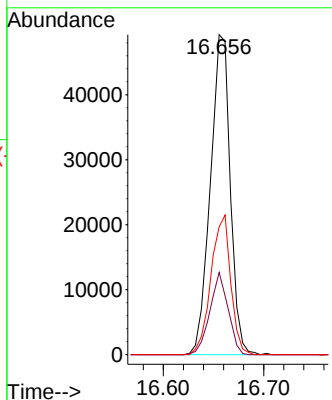
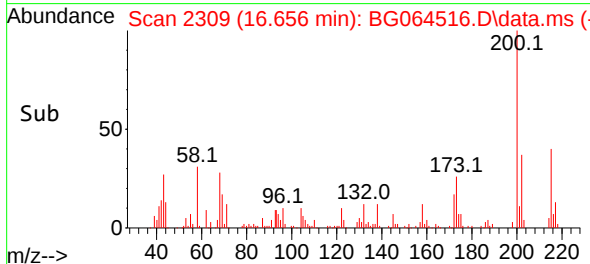
Instrument :
 BNA_G
 ClientSampleId :
 PB170122BS



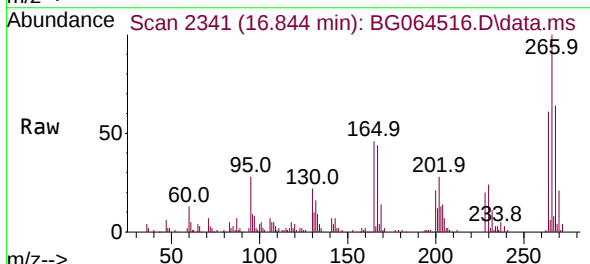
Tgt Ion:200 Resp: 67870
 Ion Ratio Lower Upper
 200 100
 173 25.7 2.5 42.5
 215 39.9 21.5 61.5

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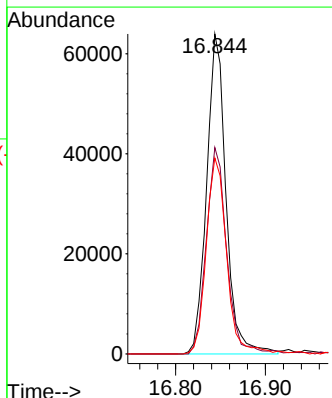
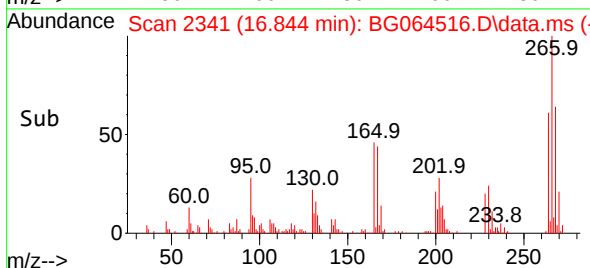
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

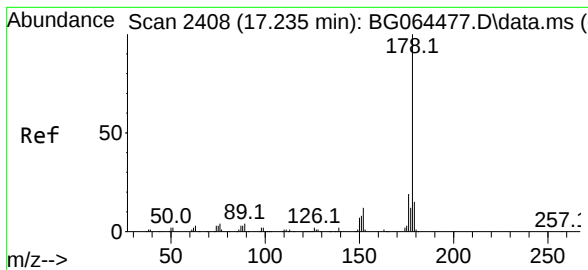


#70
 Pentachlorophenol
 Concen: 99.977 ng
 RT: 16.844 min Scan# 2341
 Delta R.T. -0.002 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53



Tgt Ion:266 Resp: 95852
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.6 75.8
 264 61.2 51.2 76.8





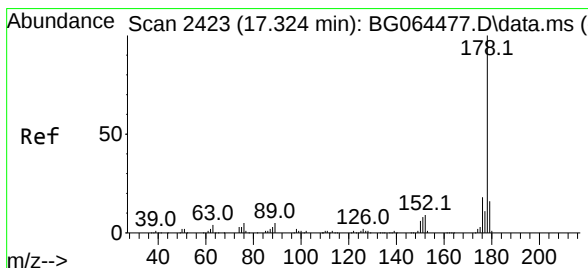
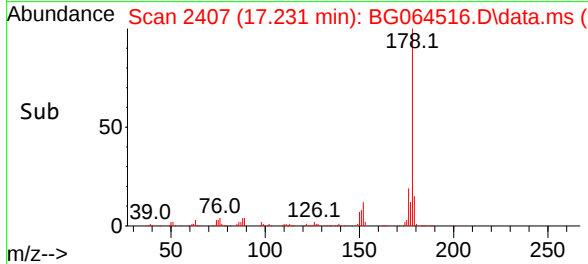
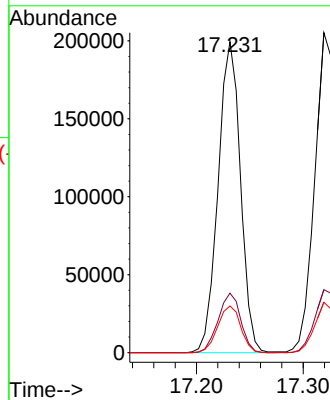
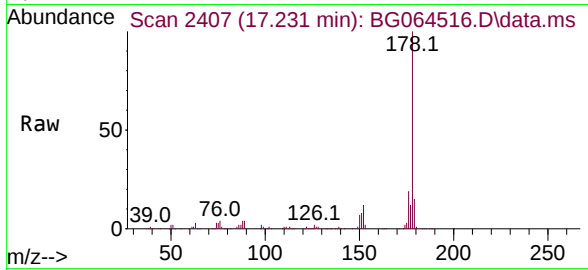
#71
Phenanthrene
Concen: 45.777 ng
RT: 17.231 min Scan# 2408
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Tgt Ion:178 Resp: 291516
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.0 11.8 17.6

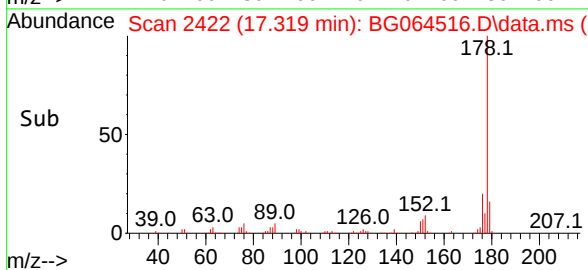
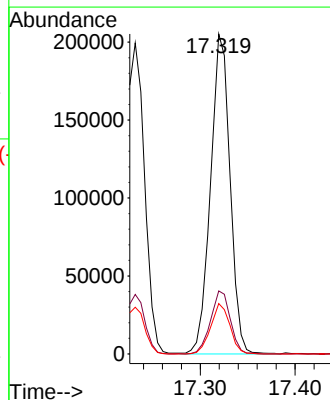
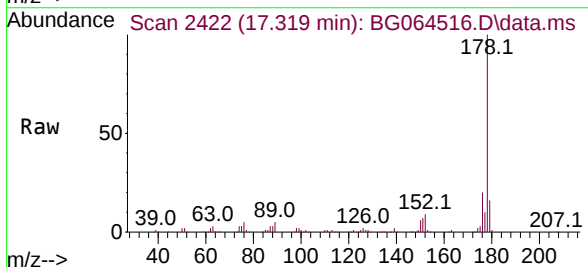
Manual Integrations
APPROVED

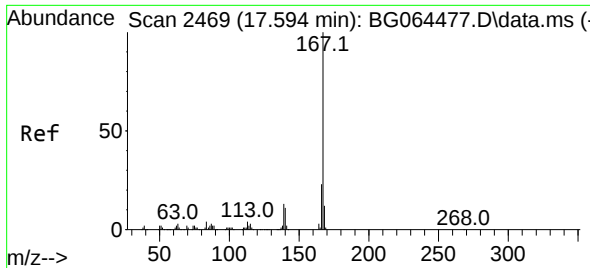
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#72
Anthracene
Concen: 45.943 ng
RT: 17.319 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

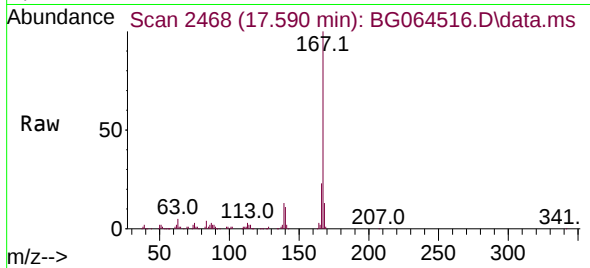
Tgt Ion:178 Resp: 293510
Ion Ratio Lower Upper
178 100
176 19.7 14.6 21.8
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 47.719 ng
 RT: 17.590 min Scan# 2469
 Delta R.T. -0.002 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

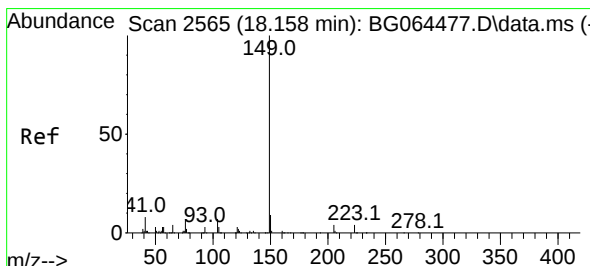
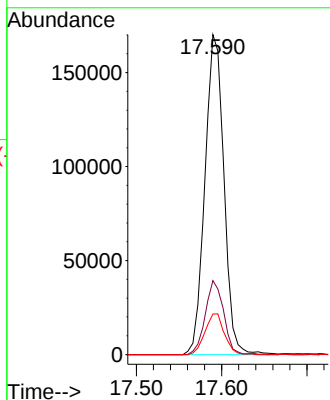
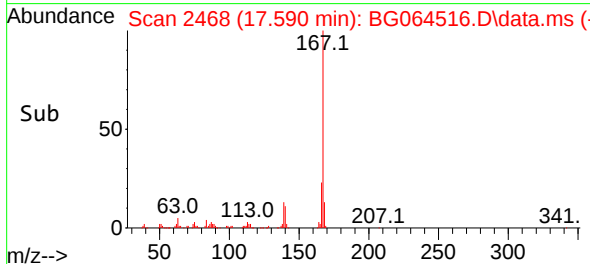
Instrument :
 BNA_G
 ClientSampleId :
 PB170122BS



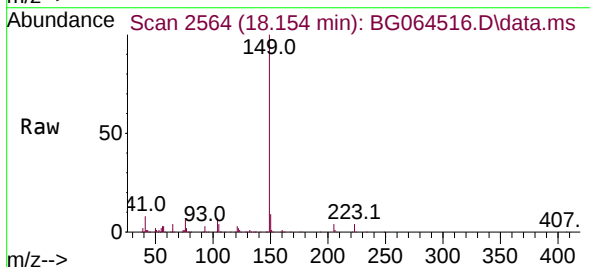
Tgt Ion:167 Resp: 263508
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.6 27.8
 139 12.7 10.2 15.4

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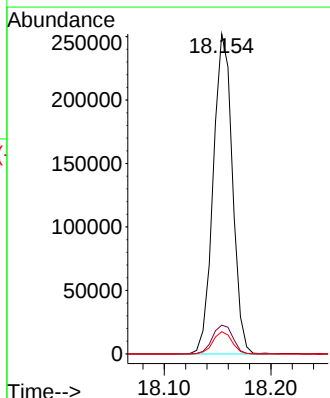
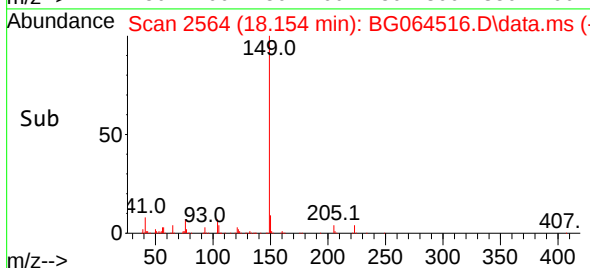
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

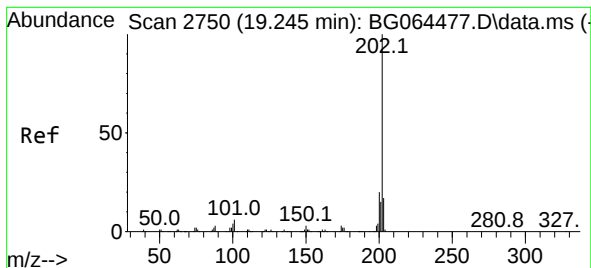


#74
 Di-n-butylphthalate
 Concen: 46.906 ng
 RT: 18.154 min Scan# 2564
 Delta R.T. -0.002 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53



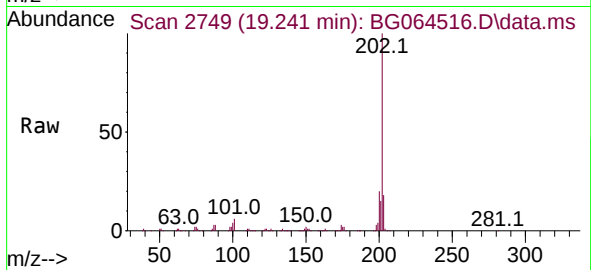
Tgt Ion:149 Resp: 316193
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 6.9 5.3 7.9





#75
Fluoranthene
Concen: 47.768 ng
RT: 19.241 min Scan# 2750
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

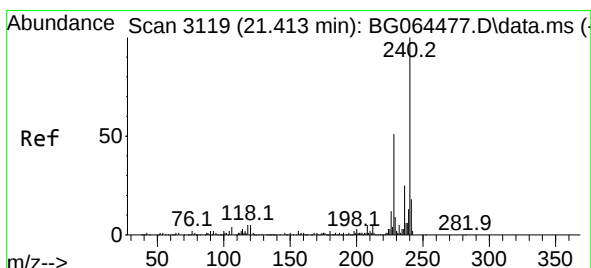
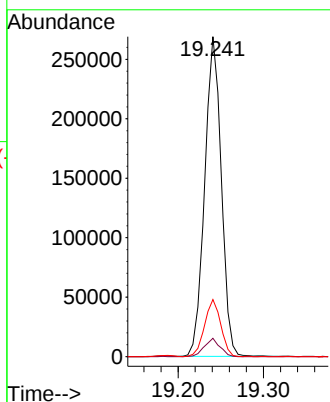
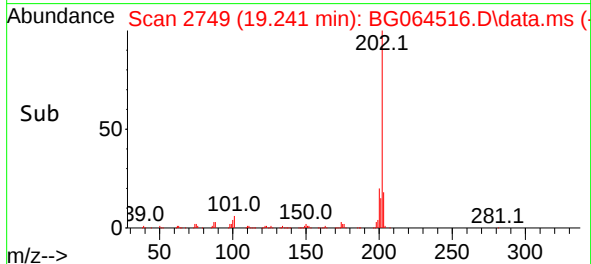
Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion:202 Resp: 363409
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.7
203 17.8 0.0 36.6

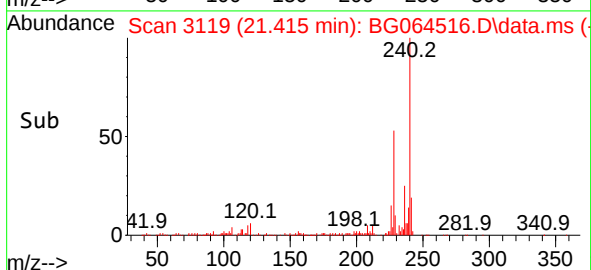
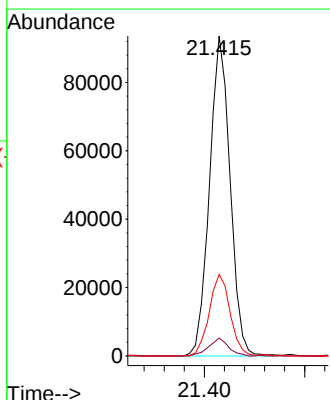
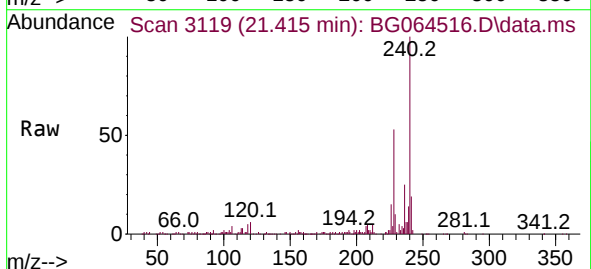
Manual Integrations
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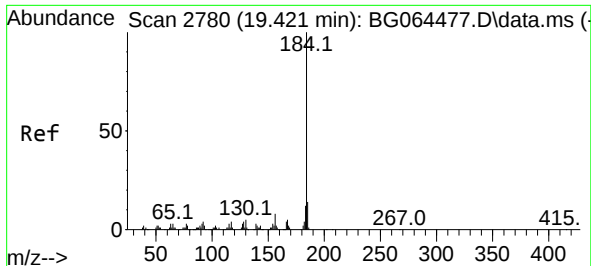
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:240 Resp: 133204
Ion Ratio Lower Upper
240 100
120 5.6 4.3 6.5
236 25.4 20.4 30.6





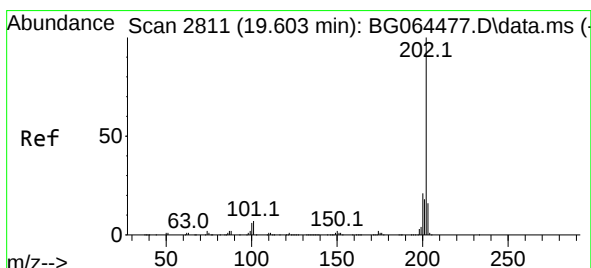
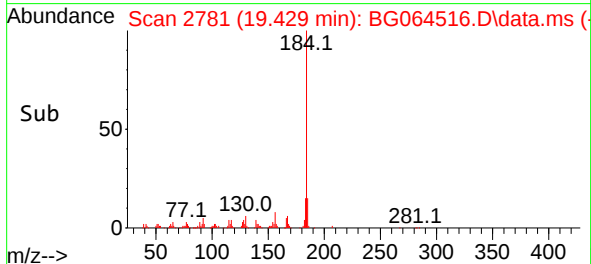
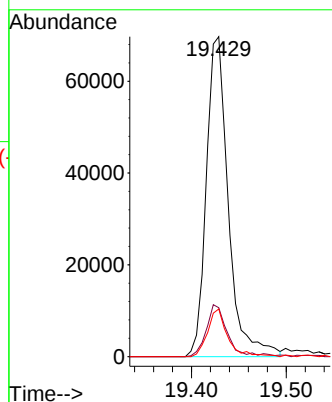
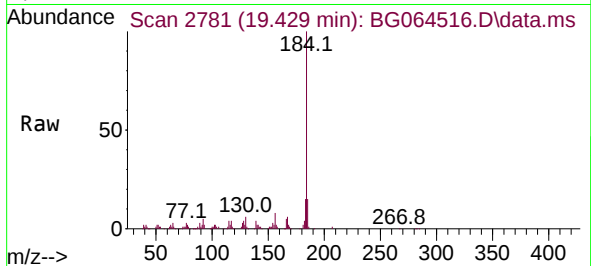
#77
Benzidine
Concen: 33.933 ng
RT: 19.429 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Tgt Ion:184 Resp: 112473
Ion Ratio Lower Upper
184 100
185 15.3 10.9 16.3
183 14.9 9.8 14.6

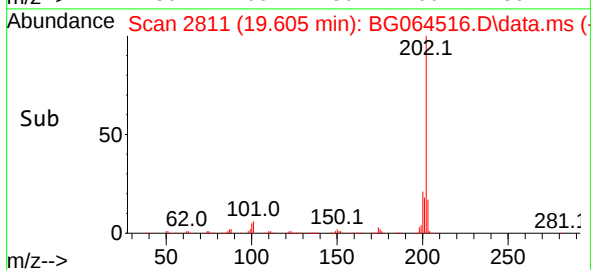
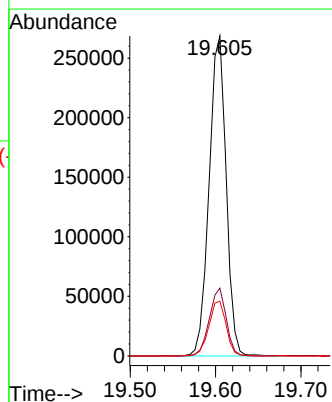
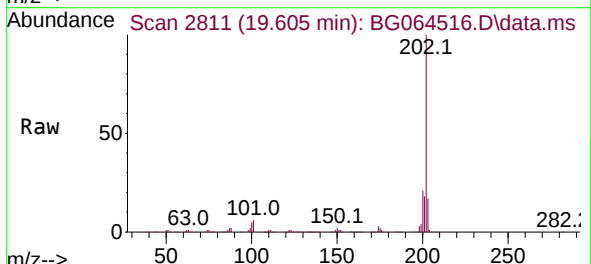
Manual Integrations
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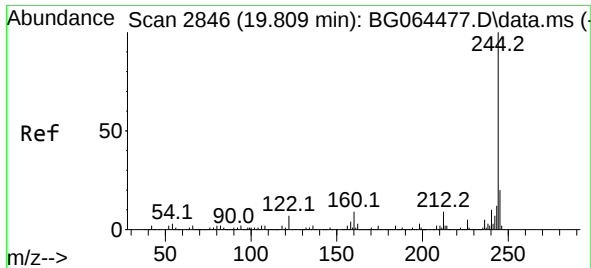
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#78
Pyrene
Concen: 43.066 ng
RT: 19.605 min Scan# 2811
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:202 Resp: 372284
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.1 13.0 19.4





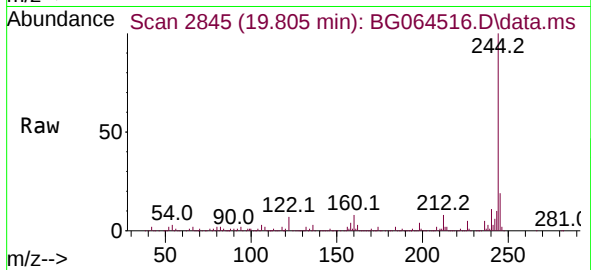
#79
 Terphenyl-d14
 Concen: 85.371 ng
 RT: 19.805 min Scan# 2846
 Delta R.T. -0.002 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS



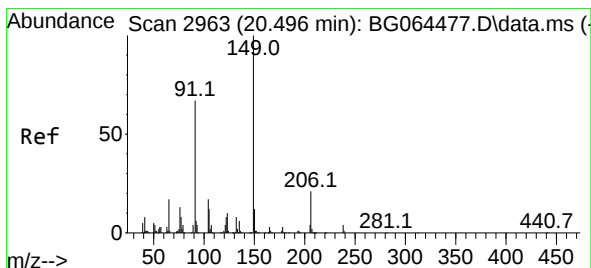
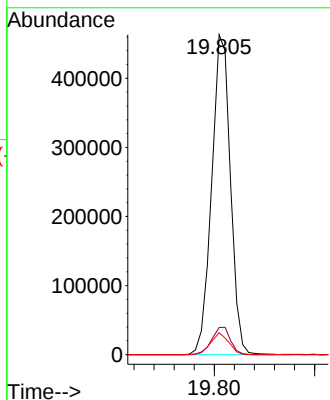
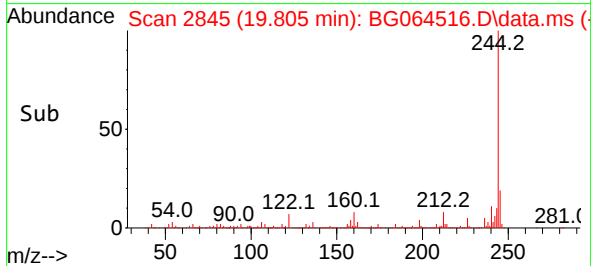
Tgt Ion:244 Resp: 600888
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.0 10.6
 122 6.8 5.6 8.4

Manual Integrations

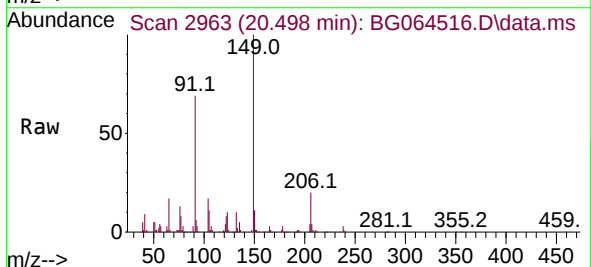
APPROVED

Reviewed By :Rahul Chavli 10/17/2025

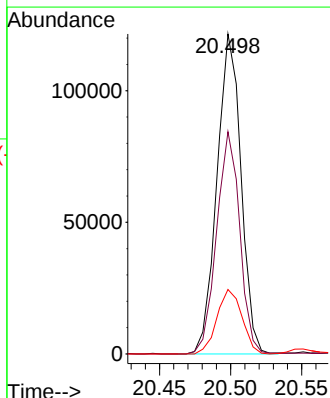
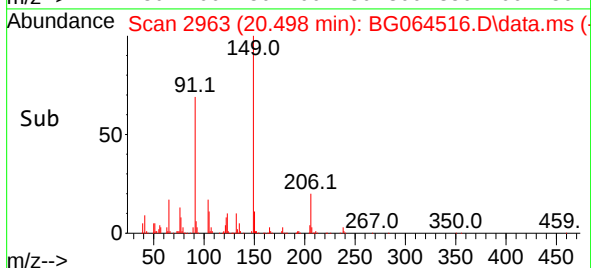
Supervised By :Jagrut Upadhyay 10/17/2025

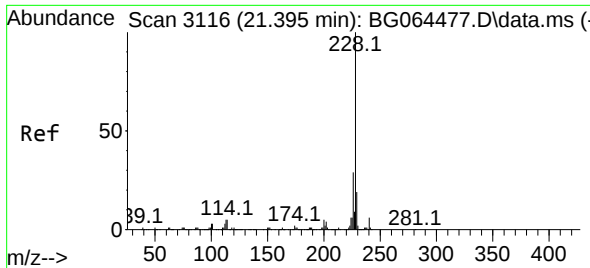


#80
 Butylbenzylphthalate
 Concen: 46.710 ng
 RT: 20.498 min Scan# 2963
 Delta R.T. -0.002 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53



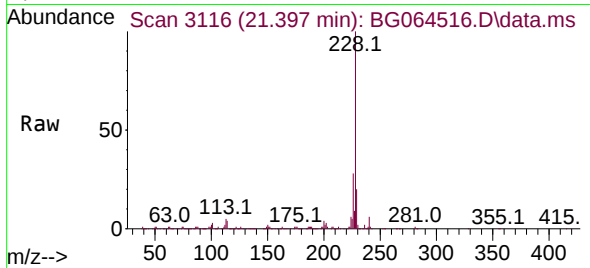
Tgt Ion:149 Resp: 143137
 Ion Ratio Lower Upper
 149 100
 91 69.4 53.7 80.5
 206 20.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 45.429 ng
RT: 21.397 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

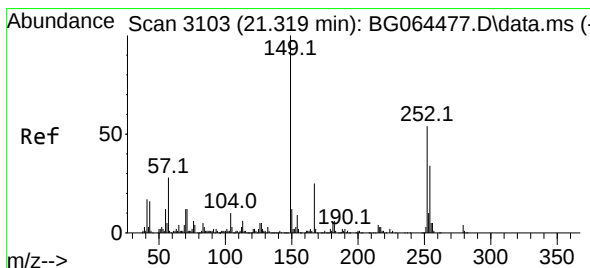
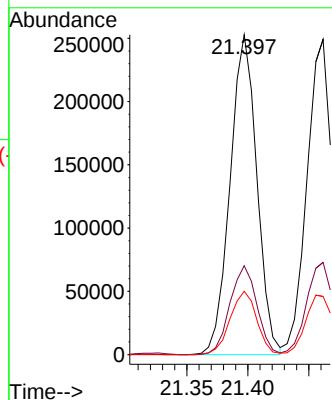
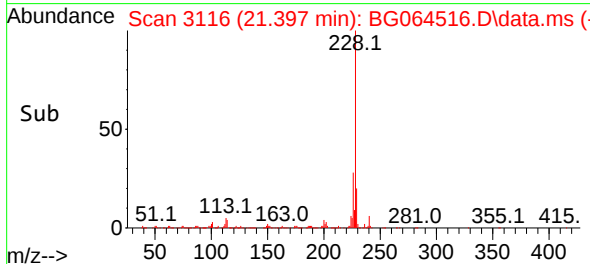
Instrument :
BNA_G
ClientSampleId :
PB170122BS



Tgt Ion:228 Resp: 386383
Ion Ratio Lower Upper
228 100
226 27.8 22.8 34.2
229 19.8 15.2 22.8

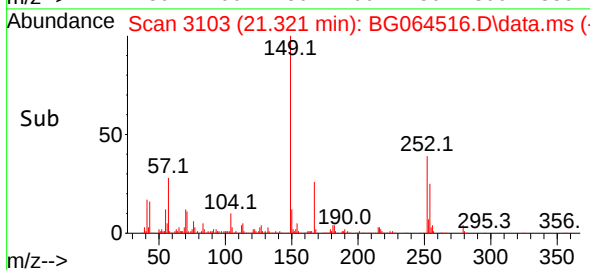
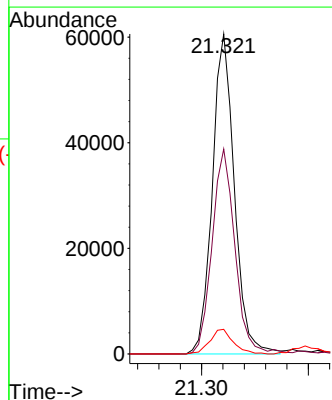
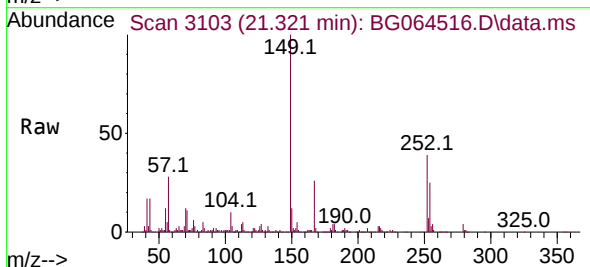
Manual Integrations
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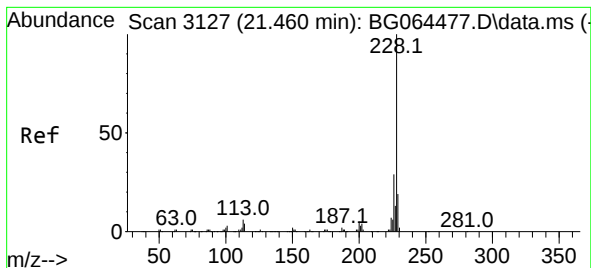
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#82
3,3'-Dichlorobenzidine
Concen: 30.195 ng
RT: 21.321 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:252 Resp: 86920
Ion Ratio Lower Upper
252 100
254 64.0 50.5 75.7
126 7.7 7.1 10.7





#83

Chrysene

Concen: 44.934 ng

RT: 21.462 min Scan# 3127

Delta R.T. 0.010 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

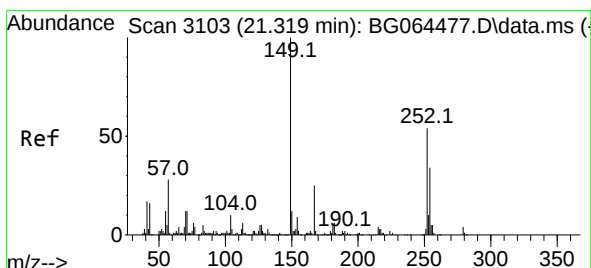
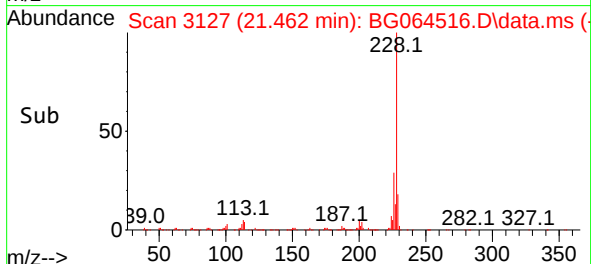
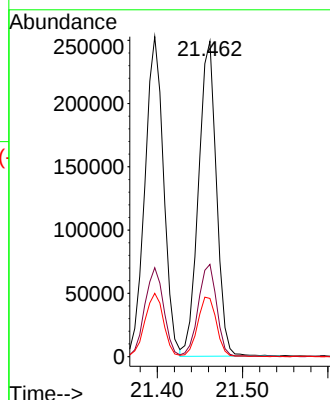
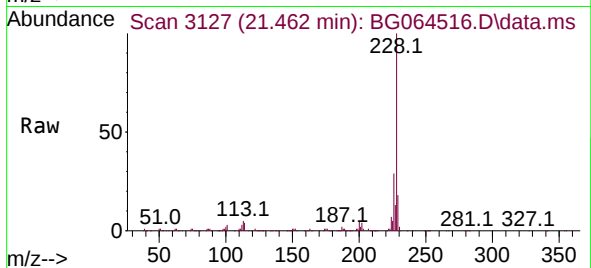
PB170122BS

Tgt Ion:228 Resp: 362437
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.8 34.2
 229 18.4 15.4 23.0

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.955 ng

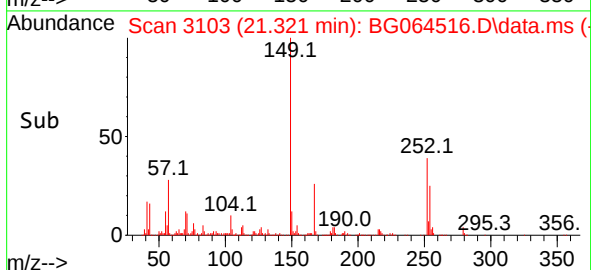
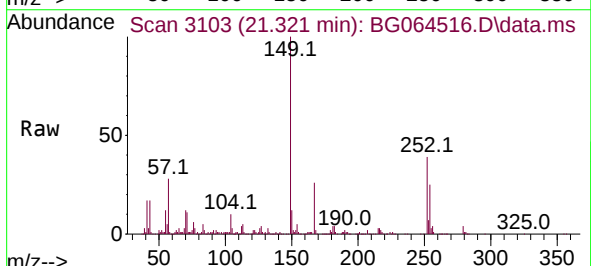
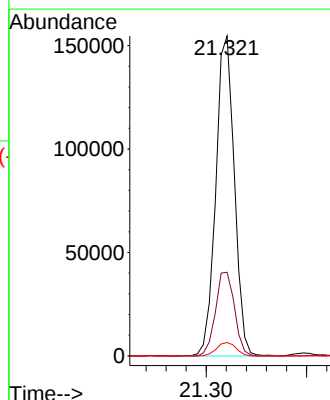
RT: 21.321 min Scan# 3103

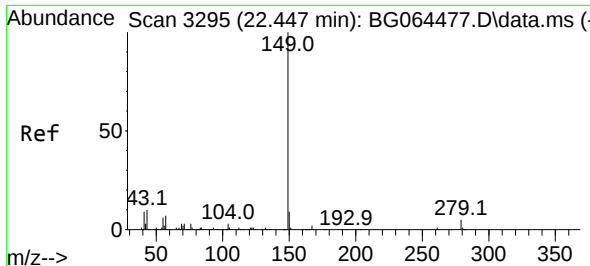
Delta R.T. 0.004 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Tgt Ion:149 Resp: 198697
 Ion Ratio Lower Upper
 149 100
 167 26.1 19.7 29.5
 279 4.2 3.4 5.2





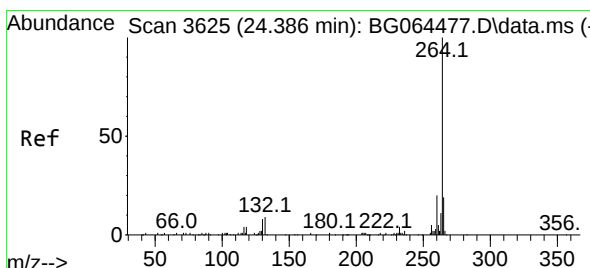
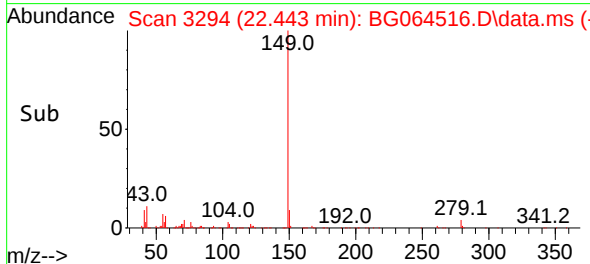
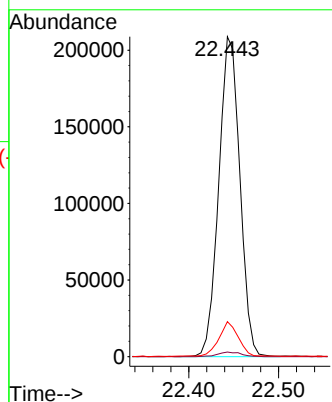
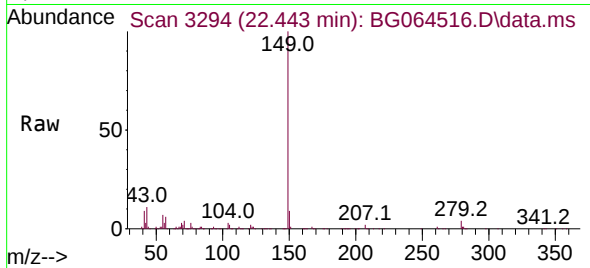
#85
Di-n-octyl phthalate
Concen: 46.942 ng
RT: 22.443 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Tgt Ion:149 Resp: 341112
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 7.9 11.9

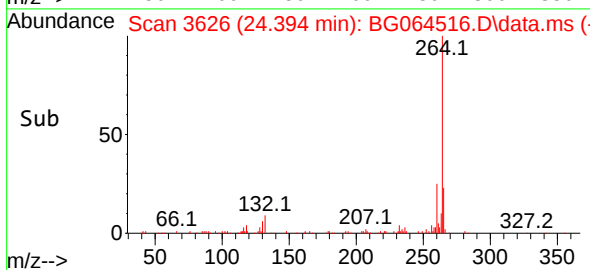
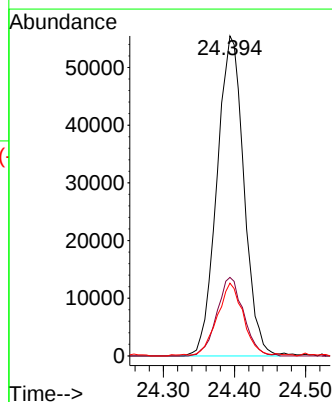
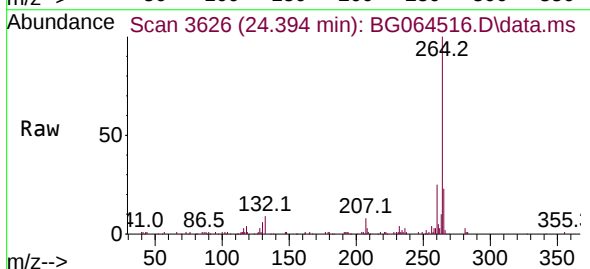
Manual Integrations
APPROVED

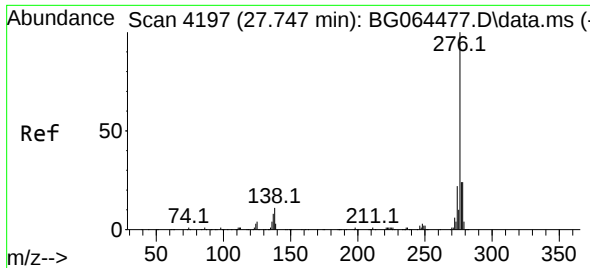
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.394 min Scan# 3626
Delta R.T. 0.004 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

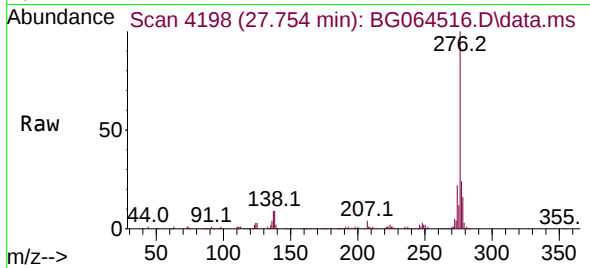
Tgt Ion:264 Resp: 146077
Ion Ratio Lower Upper
264 100
260 24.5 16.2 24.4#
265 22.7 15.0 22.4#





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.529 ng
 RT: 27.754 min Scan# 4198
 Delta R.T. 0.022 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53

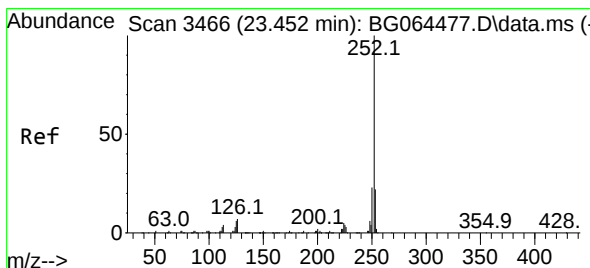
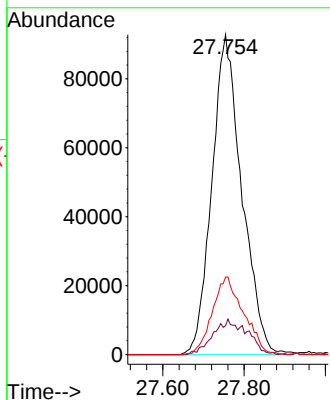
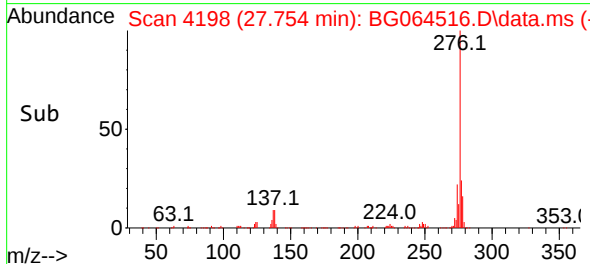
Instrument :
 BNA_G
 ClientSampleId :
 PB170122BS



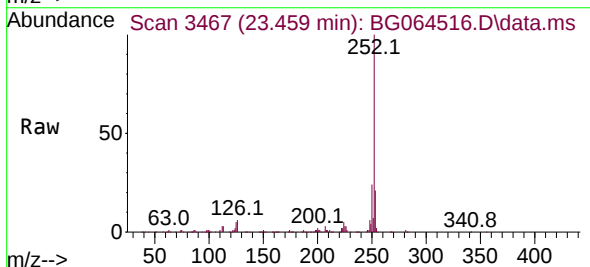
Tgt Ion:276 Resp: 473100
 Ion Ratio Lower Upper
 276 100
 138 12.6 10.8 16.2
 277 25.4 20.3 30.5

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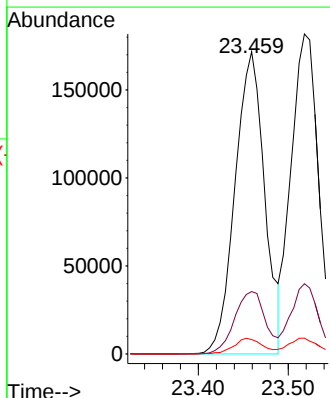
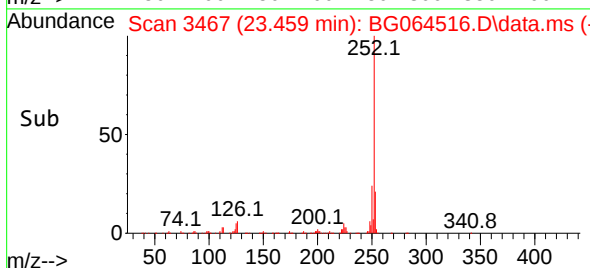
Reviewed By :Rahul Chavli 10/17/2025
 Supervised By :Jagrut Upadhyay 10/17/2025

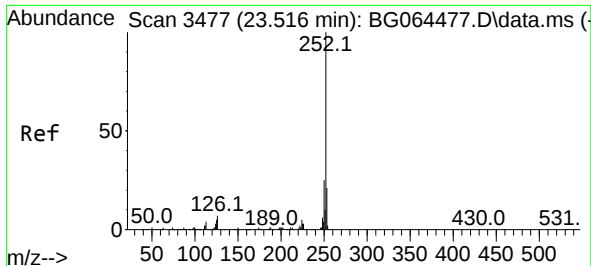


#88
 Benzo(b)fluoranthene
 Concen: 47.428 ng
 RT: 23.459 min Scan# 3467
 Delta R.T. 0.010 min
 Lab File: BG064516.D
 Acq: 16 Oct 2025 14:53



Tgt Ion:252 Resp: 394140
 Ion Ratio Lower Upper
 252 100
 253 20.6 17.5 26.3
 125 4.7 4.5 6.7





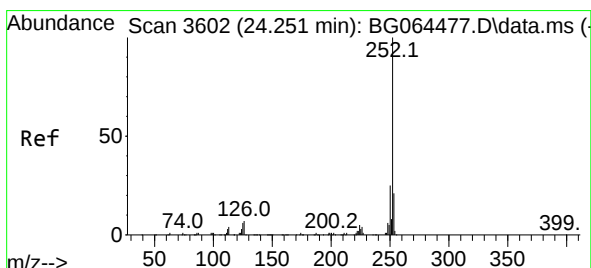
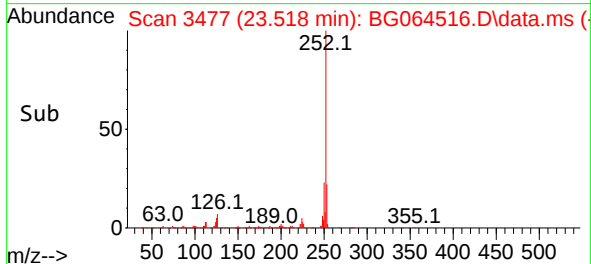
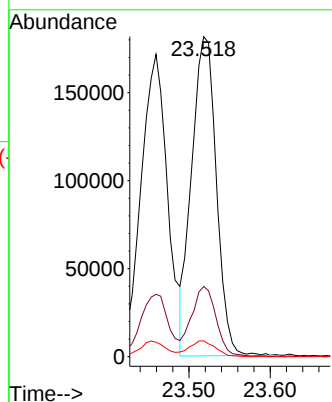
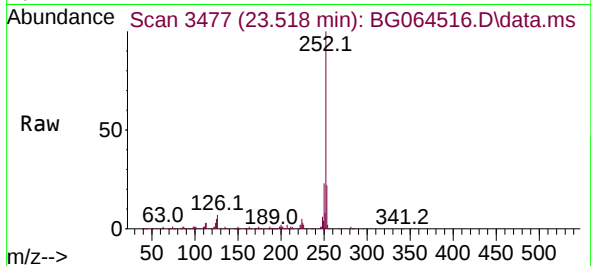
#89
Benzo(k)fluoranthene
Concen: 45.944 ng
RT: 23.518 min Scan# 3477
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Tgt Ion:252 Resp: 384546
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 4.9 4.0 6.0

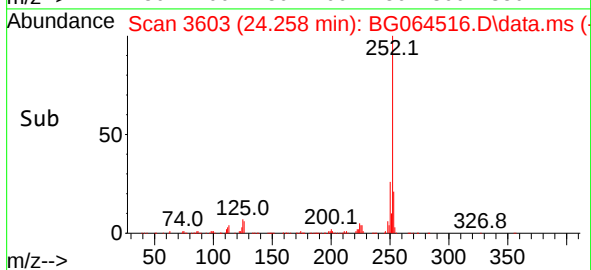
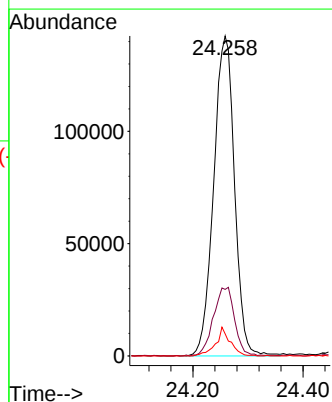
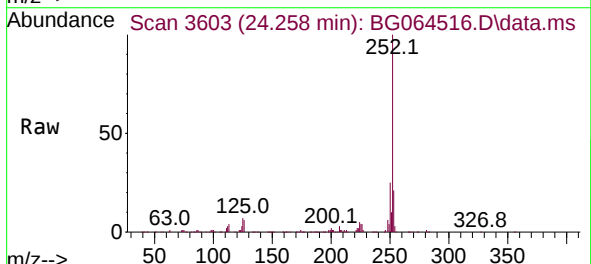
Manual Integrations
APPROVED

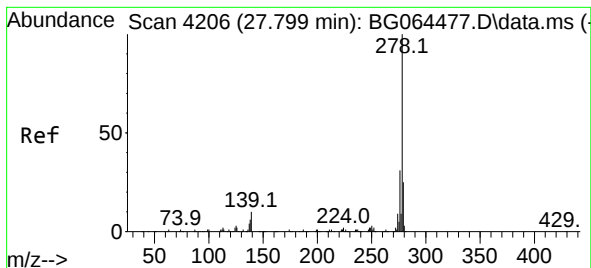
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025



#90
Benzo(a)pyrene
Concen: 48.838 ng
RT: 24.258 min Scan# 3603
Delta R.T. 0.010 min
Lab File: BG064516.D
Acq: 16 Oct 2025 14:53

Tgt Ion:252 Resp: 374057
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 6.9 4.6 6.8#





#91

Dibenzo(a,h)anthracene

Concen: 47.581 ng

RT: 27.807 min Scan# 41

Delta R.T. 0.028 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Instrument :

BNA_G

ClientSampleId :

PB170122BS

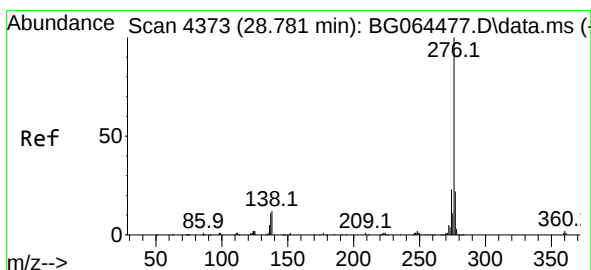
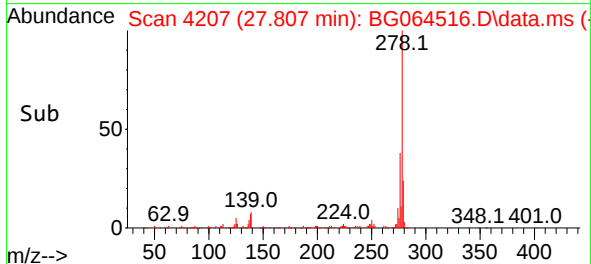
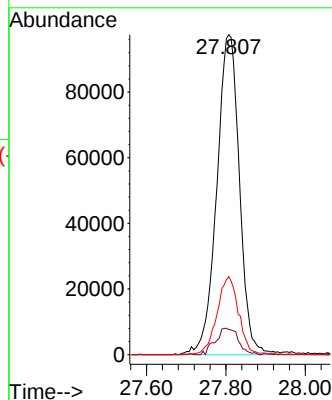
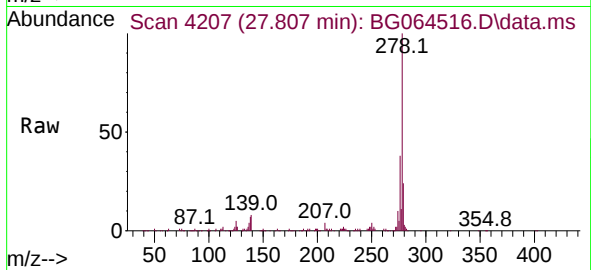
Tgt Ion:278 Resp: 386902
 Ion Ratio Lower Upper
 278 100
 139 7.8 8.2 12.2
 279 24.4 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/17/2025

Supervised By :Jagrut Upadhyay 10/17/2025



#92

Benzo(g,h,i)perylene

Concen: 47.607 ng

RT: 28.806 min Scan# 4377

Delta R.T. 0.040 min

Lab File: BG064516.D

Acq: 16 Oct 2025 14:53

Tgt Ion:276 Resp: 376191
 Ion Ratio Lower Upper
 276 100
 277 21.9 17.8 26.6
 138 10.2 9.4 14.0

