

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
 Data File : BG064290.D
 Acq On : 5 Sep 2025 13:04
 Operator : RC/JU
 Sample : Q2126-03
 Misc : MDL-SOIL 4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Quant Time: Sep 05 13:39:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	26371	20.000	ng	0.00
21) Naphthalene-d8	10.637	136	112693	20.000	ng	-0.01
39) Acenaphthene-d10	14.474	164	84385	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	203702	20.000	ng	0.00
76) Chrysene-d12	21.448	240	226477	20.000	ng	# 0.00
86) Perylene-d12	24.462	264	247058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	169916	115.599	ng	0.00
7) Phenol-d6	7.024	99	235056	116.401	ng	0.00
23) Nitrobenzene-d5	9.004	82	183990	91.054	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	158285	141.614	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	470254	85.059	ng	-0.01
79) Terphenyl-d14	19.838	244	999829	92.106	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	2653	4.330	ng	# 80
3) Pyridine	3.751	79	5676m	3.147	ng	
4) n-Nitrosodimethylamine	3.669	42	4689	3.931	ng	97
6) Aniline	7.183	93	10819	3.874	ng	# 85
8) 2-Chlorophenol	7.418	128	6390	3.558	ng	86
9) Benzaldehyde	6.995	77	6354	3.823	ng	# 76
10) Phenol	7.047	94	7952	3.572	ng	87
11) bis(2-Chloroethyl)ether	7.277	93	5758	3.442	ng	93
12) 1,3-Dichlorobenzene	7.747	146	7142m	3.738	ng	
13) 1,4-Dichlorobenzene	7.888	146	7888	4.090	ng	93
14) 1,2-Dichlorobenzene	8.205	146	7234m	3.887	ng	
15) Benzyl Alcohol	8.082	79	5773	3.098	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.375	45	10906	2.855	ng	83
17) 2-Methylphenol	8.293	107	5624	3.389	ng	# 78
18) Hexachloroethane	8.928	117	3024	4.017	ng	92
19) n-Nitroso-di-n-propyla...	8.646	70	6070	3.928	ng	# 90
20) 3+4-Methylphenols	8.616	107	7291	3.162	ng	89
22) Acetophenone	8.669	105	10798	3.787	ng	# 84
24) Nitrobenzene	9.045	77	8521	4.036	ng	90
25) Isophorone	9.568	82	15958	3.800	ng	95
26) 2-Nitrophenol	9.750	139	3527	3.866	ng	# 93
27) 2,4-Dimethylphenol	9.815	122	6853	4.279	ng	94
28) bis(2-Chloroethoxy)met...	10.056	93	8560	3.780	ng	99
29) 2,4-Dichlorophenol	10.291	162	5988	3.543	ng	97
30) 1,2,4-Trichlorobenzene	10.508	180	7093	3.981	ng	94
31) Naphthalene	10.690	128	22357	3.826	ng	96
32) Benzoic acid	9.926	122	2396m	1.885	ng	
33) 4-Chloroaniline	10.796	127	8911	3.934	ng	95
34) Hexachlorobutadiene	10.978	225	5671	4.306	ng	92
35) Caprolactam	11.542	113	2268	3.466	ng	# 73
36) 4-Chloro-3-methylphenol	11.924	107	8101	3.695	ng	# 83
37) 2-Methylnaphthalene	12.300	142	14181	3.265	ng	96
38) 1-Methylnaphthalene	12.518	142	15718	3.664	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.664	216	9736	3.999	ng	99
41) Hexachlorocyclopentadiene	12.647	237	4771	4.123	ng	82
43) 2,4,6-Trichlorophenol	12.911	196	6135	3.770	ng	88

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
 Data File : BG064290.D
 Acq On : 5 Sep 2025 13:04
 Operator : RC/JU
 Sample : Q2126-03
 Misc : MDL-SOIL 4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Quant Time: Sep 05 13:39:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

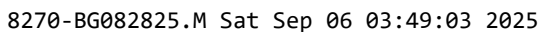
Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

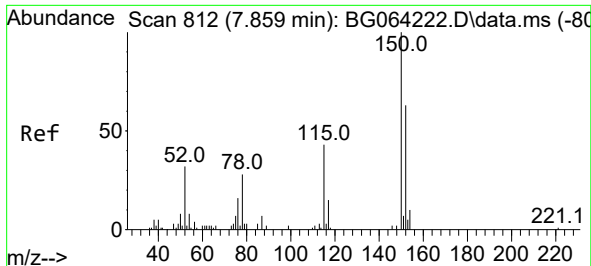
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	6270	3.552	ng	# 86
46) 1,1'-Biphenyl	13.311	154	23473	3.819	ng	95
47) 2-Chloronaphthalene	13.352	162	17508	3.789	ng	98
48) 2-Nitroaniline	13.552	65	5439	3.454	ng	90
49) Acenaphthylene	14.198	152	28833	4.221	ng	96
50) Dimethylphthalate	13.934	163	23902	3.742	ng	96
51) 2,6-Dinitrotoluene	14.045	165	4366	3.531	ng	# 83
52) Acenaphthene	14.545	154	17421	3.614	ng	# 95
53) 3-Nitroaniline	14.380	138	4013	3.098	ng	88
54) 2,4-Dinitrophenol	14.586	184	1747	7.661	ng	91
55) Dibenzofuran	14.874	168	28618	3.775	ng	97
56) 4-Nitrophenol	14.691	139	2703	2.544	ng	# 79
57) 2,4-Dinitrotoluene	14.832	165	7229	3.867	ng	# 75
58) Fluorene	15.520	166	24882	4.004	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.103	232	6732	3.965	ng	# 92
60) Diethylphthalate	15.297	149	25998	3.803	ng	# 97
61) 4-Chlorophenyl-phenyle...	15.520	204	12382	3.996	ng	96
62) 4-Nitroaniline	15.538	138	3962	2.998	ng	95
63) Azobenzene	15.808	77	22239	3.650	ng	90
65) 4,6-Dinitro-2-methylph...	15.596	198	3846	3.289	ng	84
66) n-Nitrosodiphenylamine	15.731	169	21471	3.832	ng	99
67) 4-Bromophenyl-phenylether	16.407	248	8824	4.078	ng	# 84
68) Hexachlorobenzene	16.525	284	9830	4.091	ng	# 85
69) Atrazine	16.677	200	9682	4.138	ng	98
70) Pentachlorophenol	16.871	266	4910	3.370	ng	# 86
71) Phenanthrene	17.259	178	42452	3.951	ng	97
72) Anthracene	17.347	178	41406	3.789	ng	98
73) Carbazole	17.617	167	37507	3.896	ng	98
74) Di-n-butylphthalate	18.187	149	45828	3.962	ng	100
75) Fluoranthene	19.268	202	51098	4.045	ng	97
77) Benzidine	19.456	184	17612	3.697	ng	95
78) Pyrene	19.633	202	52916	3.709	ng	97
80) Butylbenzylphthalate	20.532	149	20601	3.828	ng	90
81) Benzo(a)anthracene	21.431	228	55136	3.805	ng	96
82) 3,3'-Dichlorobenzidine	21.354	252	18994	4.025	ng	91
83) Chrysene	21.489	228	51089	3.673	ng	98
84) Bis(2-ethylhexyl)phtha...	21.360	149	30939	3.829	ng	# 92
85) Di-n-octyl phthalate	22.494	149	49797	3.537	ng	99
87) Indeno(1,2,3-cd)pyrene	27.835	276	64439	3.819	ng	# 93
88) Benzo(b)fluoranthene	23.505	252	53988	3.872	ng	97
89) Benzo(k)fluoranthene	23.569	252	49988m	3.519	ng	
90) Benzo(a)pyrene	24.315	252	51105	3.940	ng	98
91) Dibenzo(a,h)anthracene	27.900	278	51066	3.770	ng	# 92
92) Benzo(g,h,i)perylene	28.898	276	50993	3.868	ng	97

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

Manual Integrations

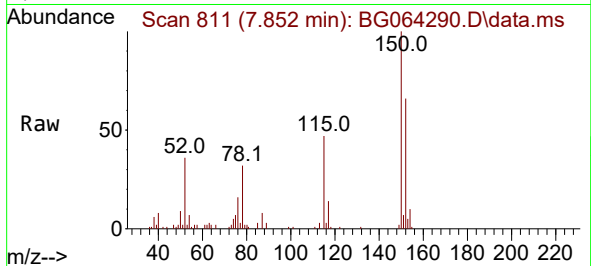
Quant Time: Sep 05 13:39:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

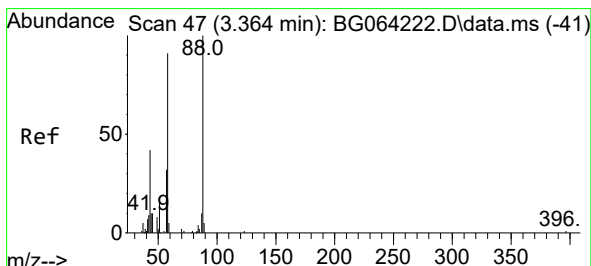
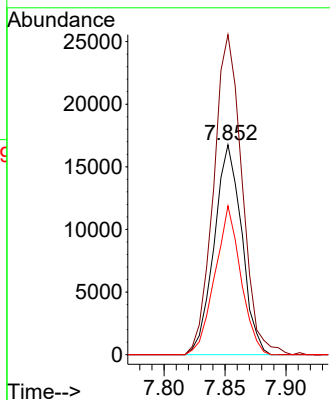
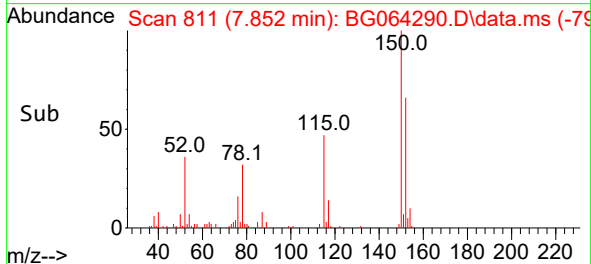
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:152 Resp: 2637
Ion Ratio Lower Upper
152 100
150 152.4 128.0 192.0
115 70.9 55.7 83.5

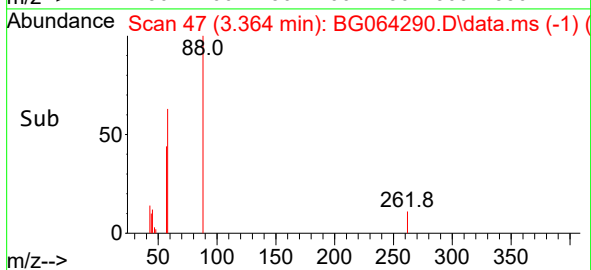
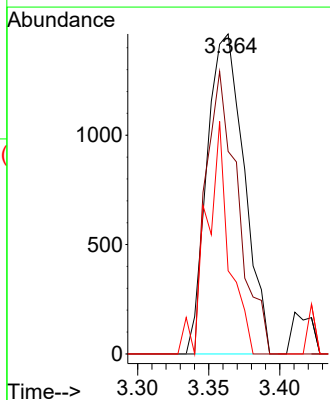
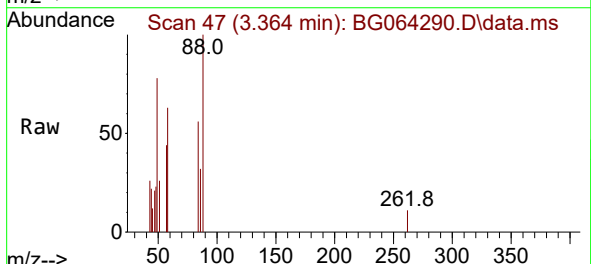
Manual Integrations
APPROVED

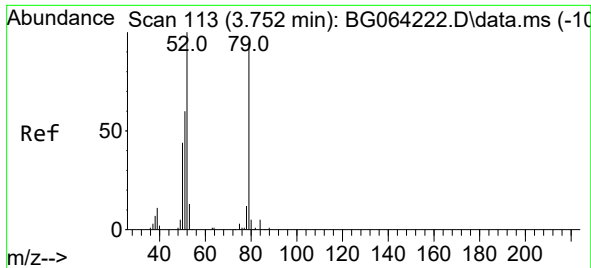
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#2
1,4-Dioxane
Concen: 4.330 ng
RT: 3.364 min Scan# 47
Delta R.T. 0.005 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

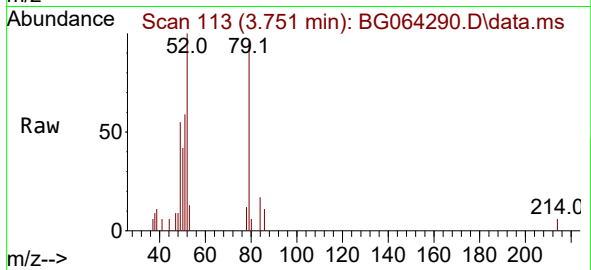
Tgt Ion: 88 Resp: 2653
Ion Ratio Lower Upper
88 100
58 75.5 80.8 121.2#
43 44.7 40.3 60.5





#3
Pyridine
Concen: 3.147 ng m
RT: 3.751 min Scan# 113
Delta R.T. -0.001 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

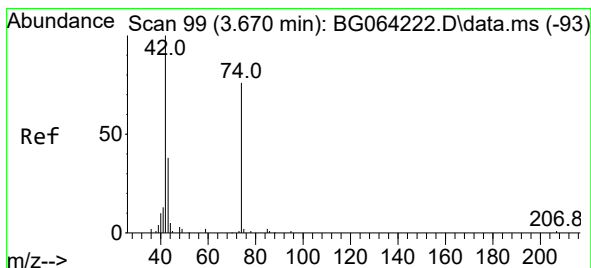
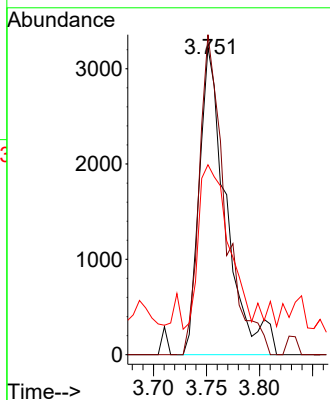
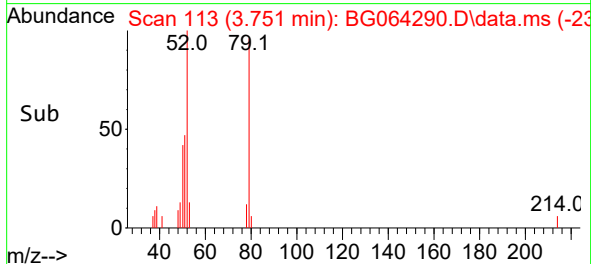
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 79 Resp: 5670
Ion Ratio Lower Upper
79 100
52 104.2 86.6 129.8
51 61.8 114.1 171.1

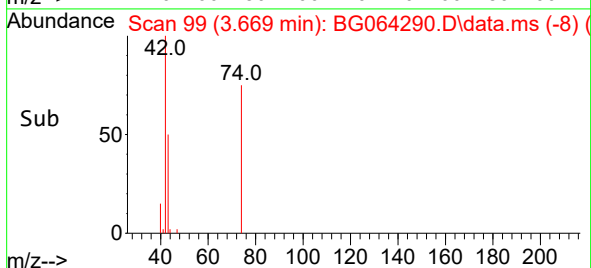
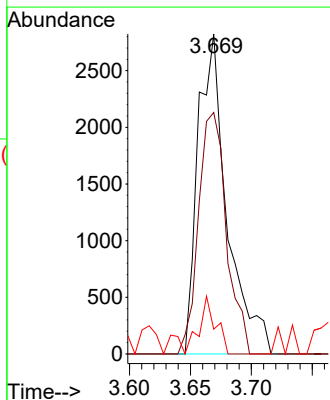
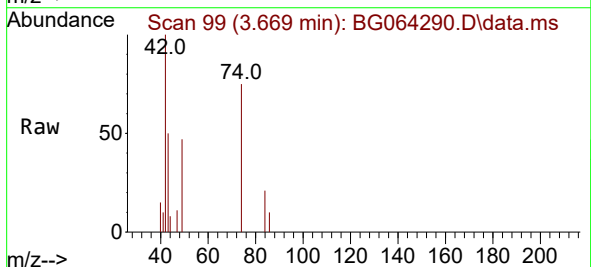
Manual Integrations
APPROVED

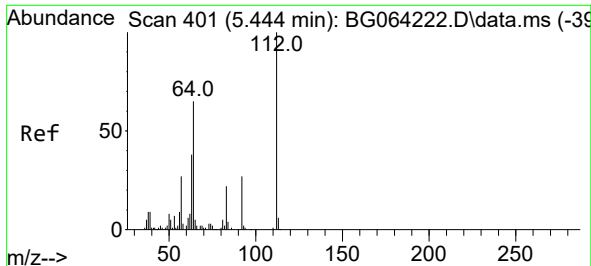
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#4
n-Nitrosodimethylamine
Concen: 3.931 ng
RT: 3.669 min Scan# 99
Delta R.T. 0.005 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

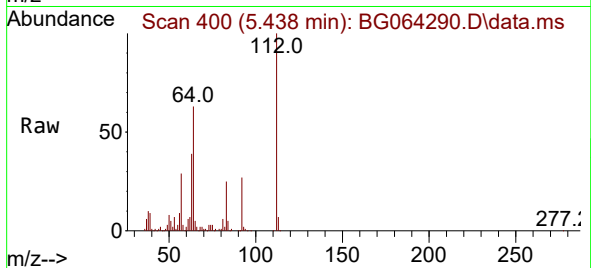
Tgt Ion: 42 Resp: 4689
Ion Ratio Lower Upper
42 100
74 75.5 58.0 87.0
44 7.7 5.5 8.3





#5
2-Fluorophenol
Concen: 115.599 ng
RT: 5.438 min Scan# 401
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

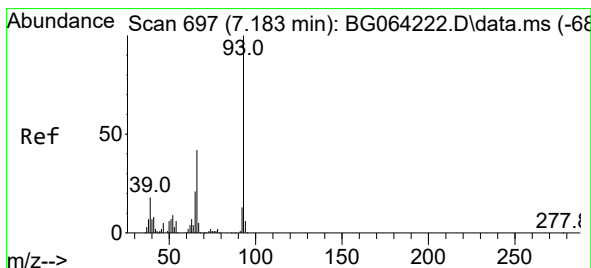
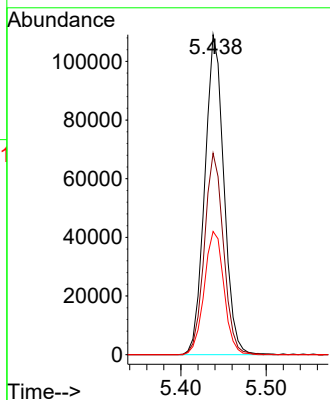
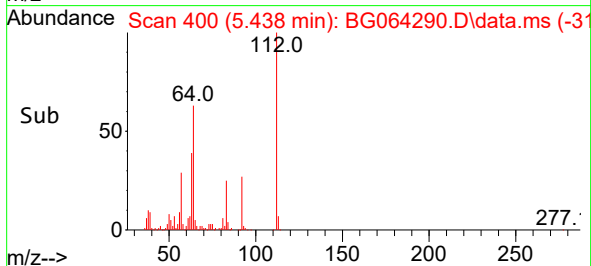
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



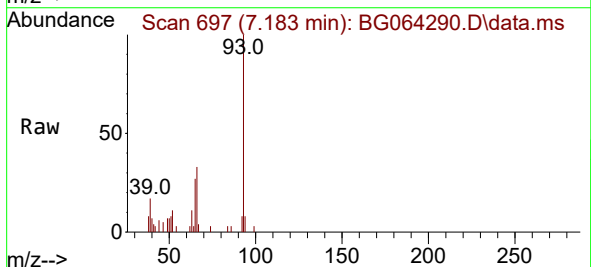
Tgt Ion: 112 Resp: 169910
Ion Ratio Lower Upper
112 100
64 62.9 51.8 77.6
63 38.5 30.6 45.8

Manual Integrations
APPROVED

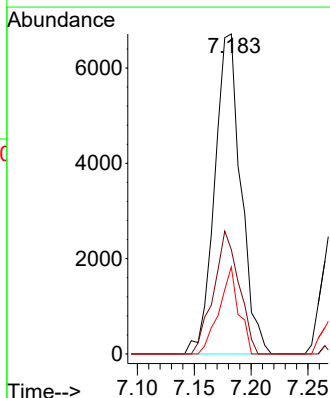
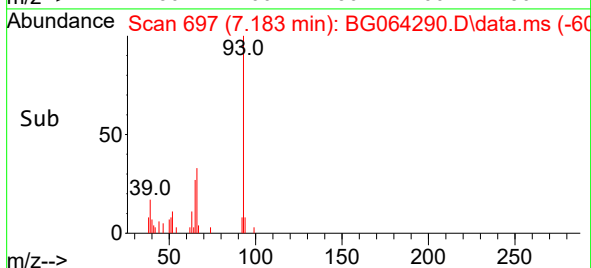
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

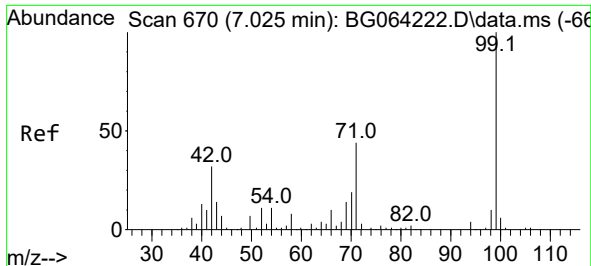


#6
Aniline
Concen: 3.874 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



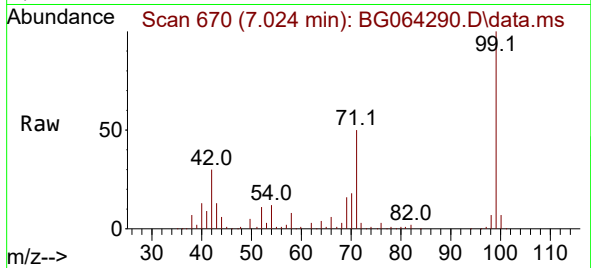
Tgt Ion: 93 Resp: 10819
Ion Ratio Lower Upper
93 100
66 32.6 33.8 50.8#
65 27.2 16.9 25.3#





#7
Phenol-d6
Concen: 116.401 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

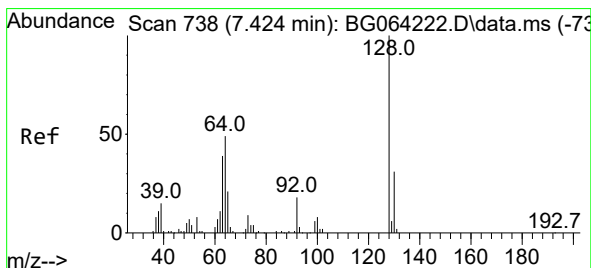
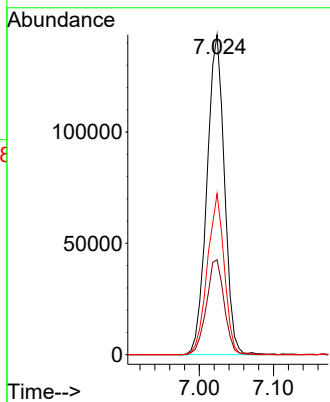
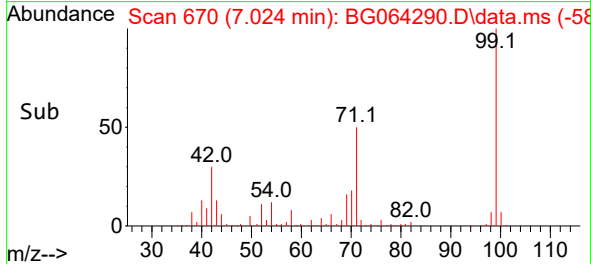
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 99 Resp: 23505
Ion Ratio Lower Upper
99 100
42 29.7 25.8 38.8
71 50.3 35.2 52.8

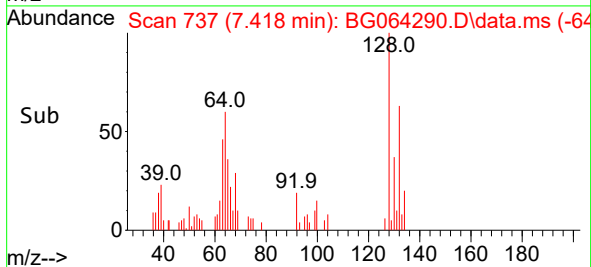
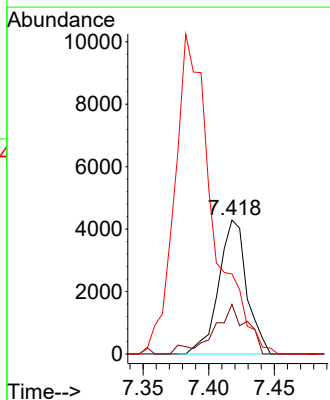
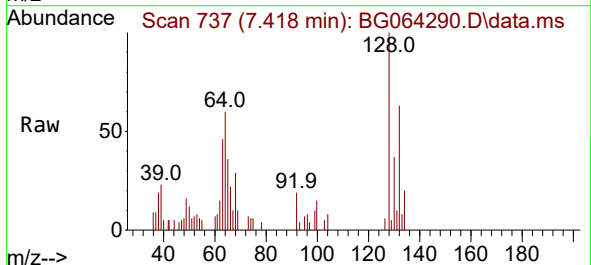
Manual Integrations
APPROVED

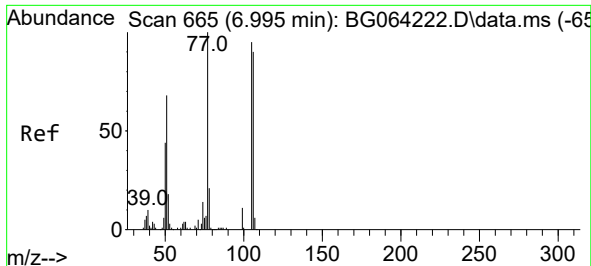
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#8
2-Chlorophenol
Concen: 3.558 ng
RT: 7.418 min Scan# 737
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

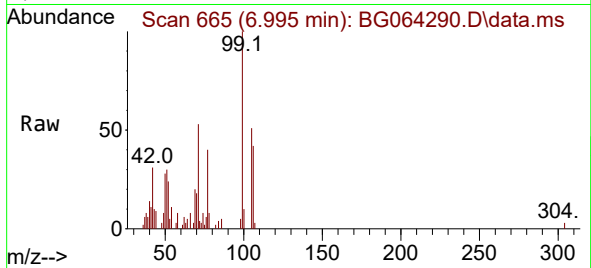
Tgt Ion:128 Resp: 6390
Ion Ratio Lower Upper
128 100
130 37.0 10.9 50.9
64 59.7 28.7 68.7





#9
Benzaldehyde
Concen: 3.823 ng
RT: 6.995 min Scan# 665
Delta R.T. -0.000 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

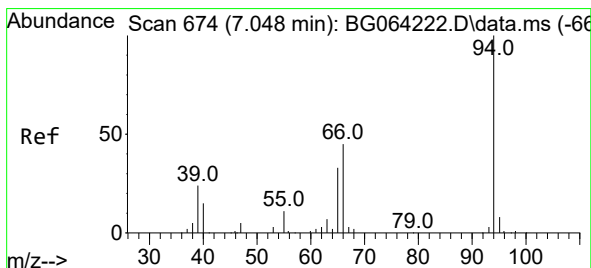
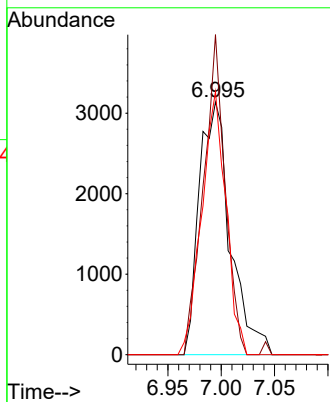
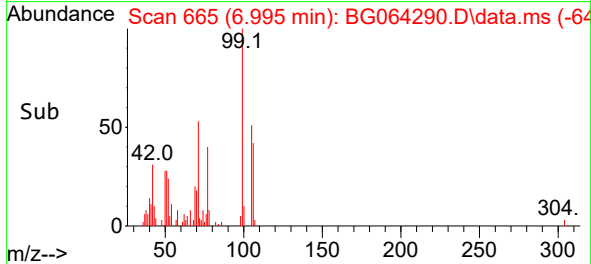
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



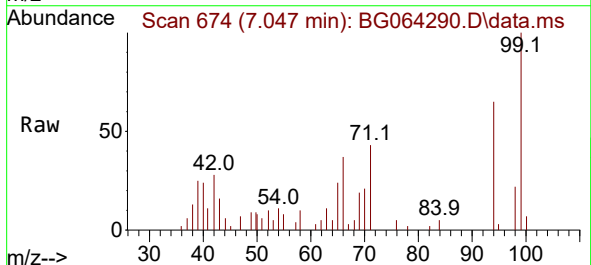
Tgt Ion: 77 Resp: 6354
Ion Ratio Lower Upper
77 100
105 126.7 75.2 115.2
106 104.1 69.6 109.6

Manual Integrations
APPROVED

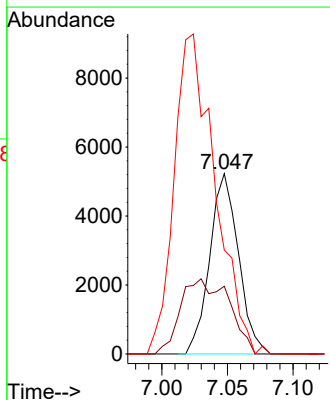
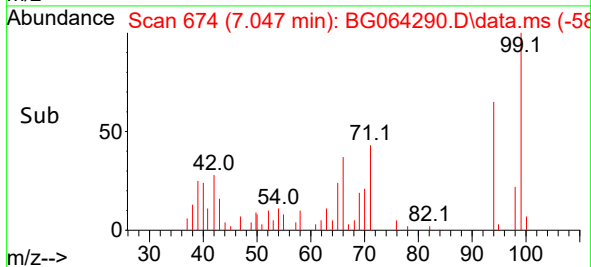
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

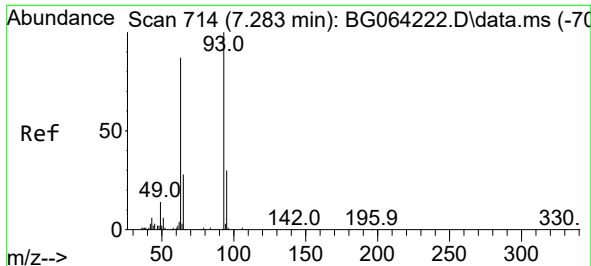


#10
Phenol
Concen: 3.572 ng
RT: 7.047 min Scan# 674
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



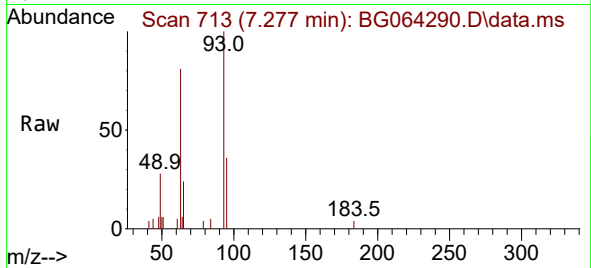
Tgt Ion: 94 Resp: 7952
Ion Ratio Lower Upper
94 100
65 37.5 13.5 53.5
66 57.7 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 3.442 ng
RT: 7.277 min Scan# 714
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

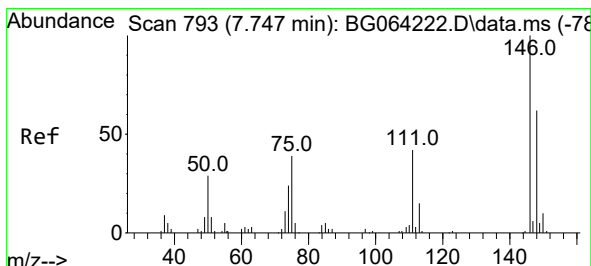
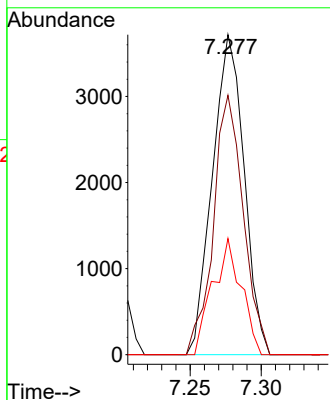
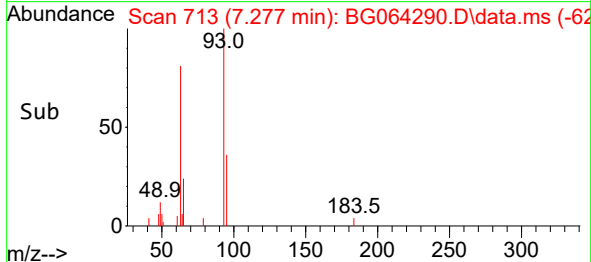
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 93 Resp: 5758
Ion Ratio Lower Upper
93 100
63 81.0 66.2 106.2
95 36.3 9.8 49.8

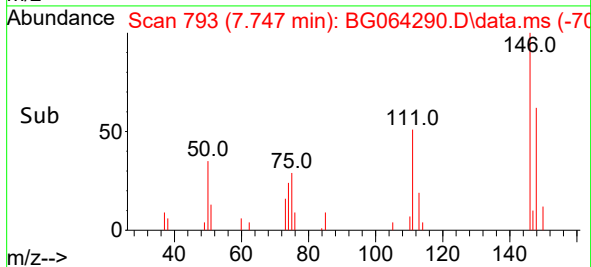
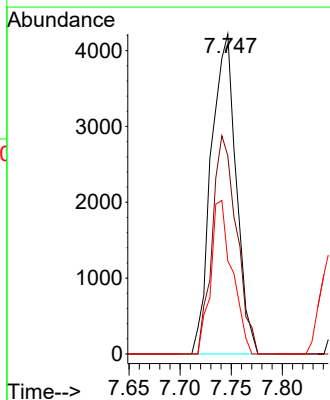
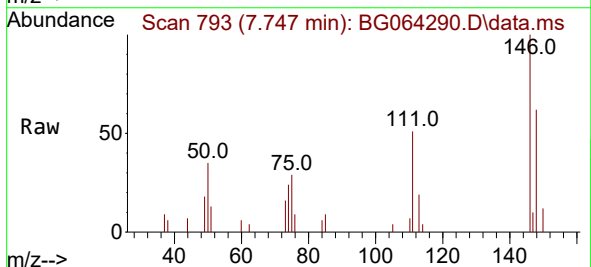
Manual Integrations
APPROVED

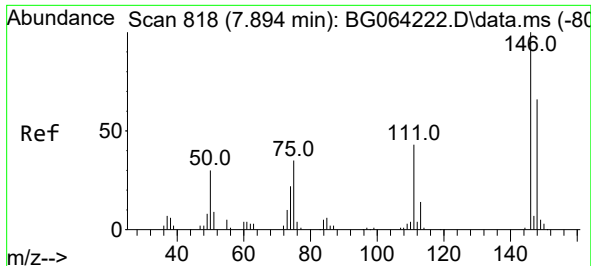
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#12
1,3-Dichlorobenzene
Concen: 3.738 ng m
RT: 7.747 min Scan# 793
Delta R.T. -0.001 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

Tgt Ion:146 Resp: 7142
Ion Ratio Lower Upper
146 100
148 61.9 49.6 74.4
75 29.1 31.0 46.6#





#13

1,4-Dichlorobenzene

Concen: 4.090 ng

RT: 7.888 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025

Tgt Ion:146 Resp: 788

Ion Ratio Lower Upper

146 100

148 60.9 52.8 79.2

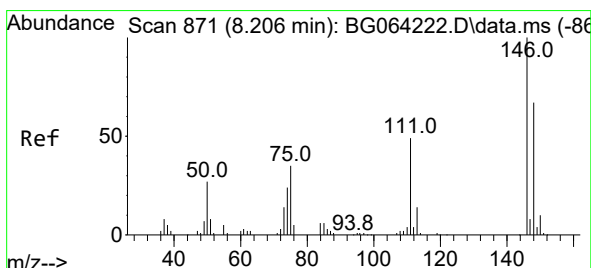
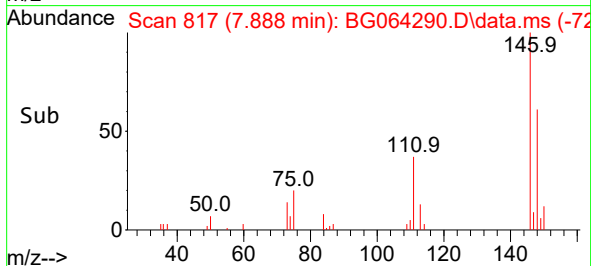
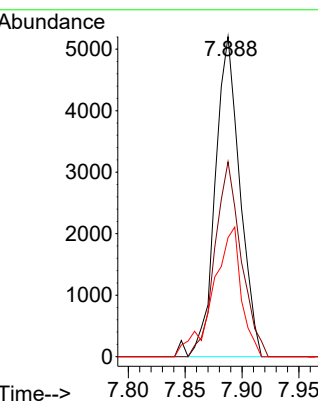
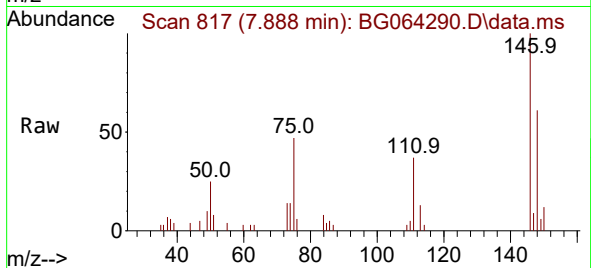
111 37.2 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#14

1,2-Dichlorobenzene

Concen: 3.887 ng m

RT: 8.205 min Scan# 871

Delta R.T. -0.007 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

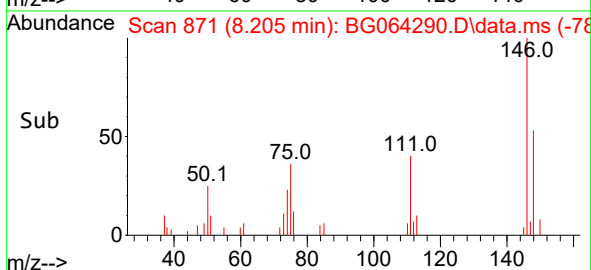
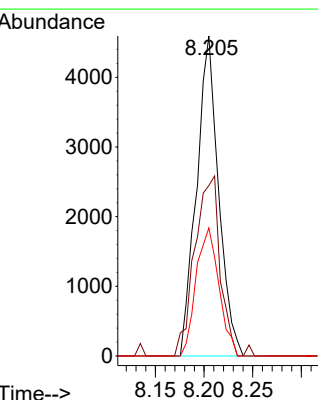
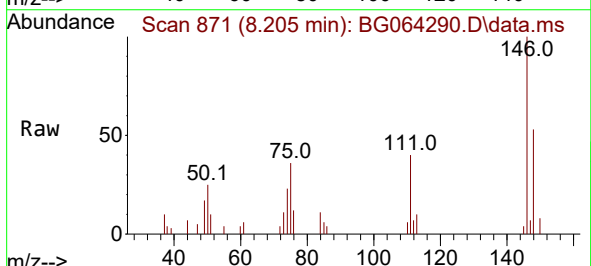
Tgt Ion:146 Resp: 7234

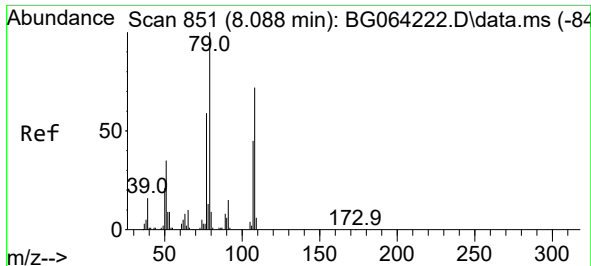
Ion Ratio Lower Upper

146 100

148 53.2 53.4 80.0#

111 40.0 39.1 58.7





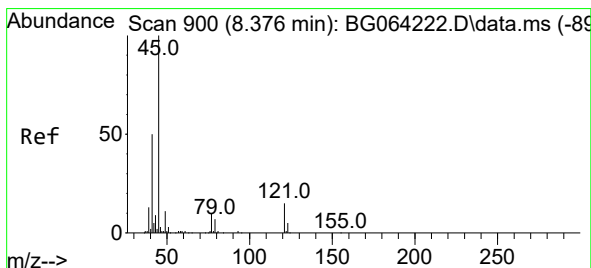
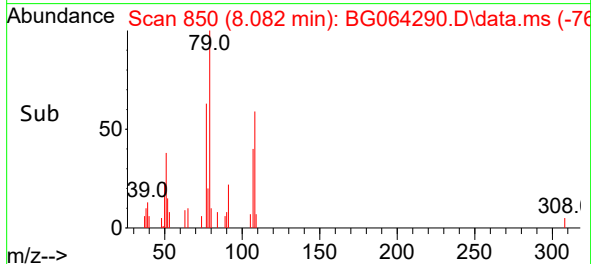
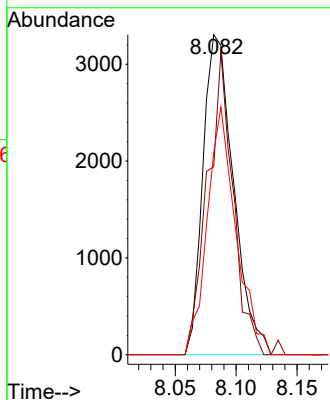
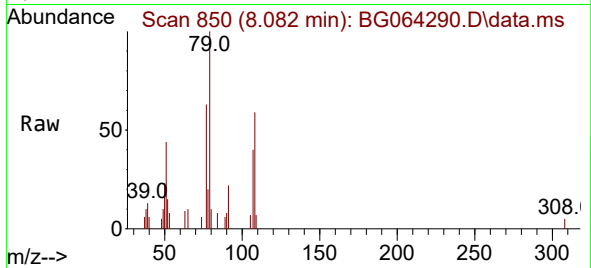
#15
Benzyl Alcohol
Concen: 3.098 ng
RT: 8.082 min Scan# 851
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025

Tgt Ion: 79 Resp: 577
Ion Ratio Lower Upper
79 100
108 58.7 57.4 86.0
77 63.2 47.2 70.8

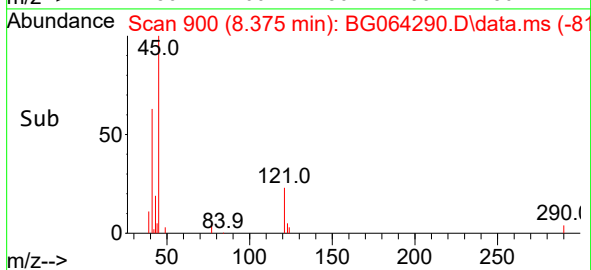
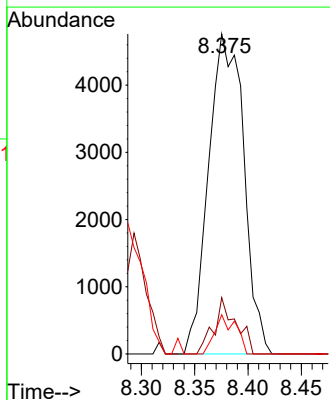
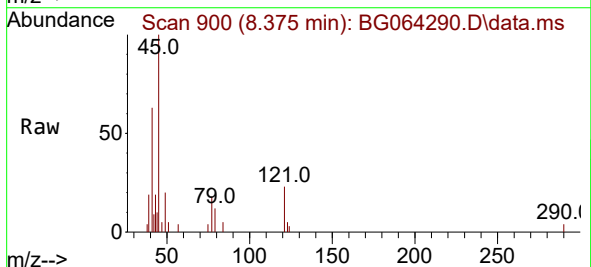
Manual Integrations
APPROVED

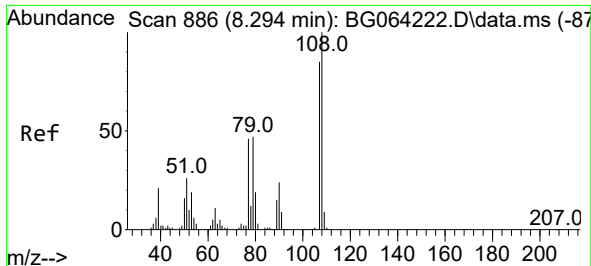
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.855 ng
RT: 8.375 min Scan# 900
Delta R.T. -0.001 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

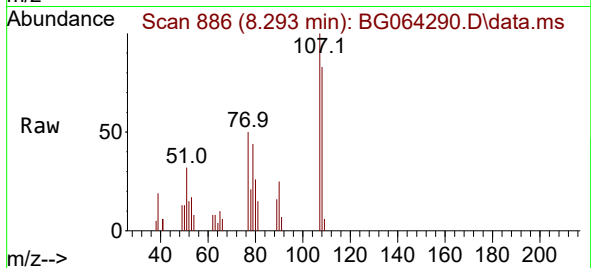
Tgt Ion: 45 Resp: 10906
Ion Ratio Lower Upper
45 100
77 17.6 0.0 30.0
79 12.3 0.0 27.9





#17
2-Methylphenol
Concen: 3.389 ng
RT: 8.293 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

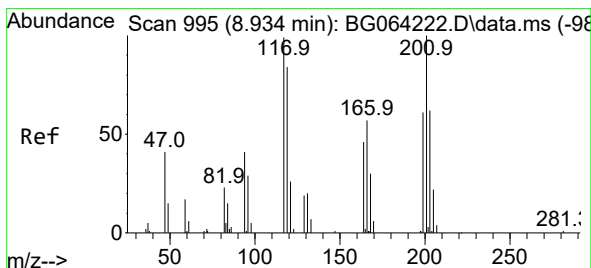
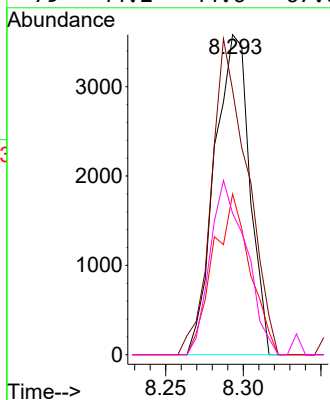
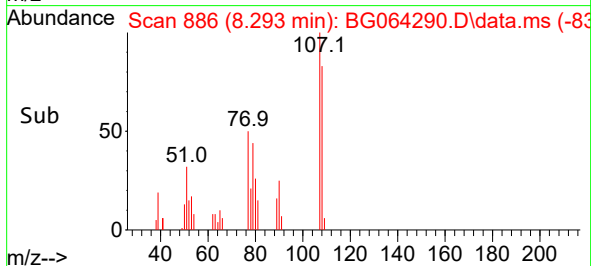
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



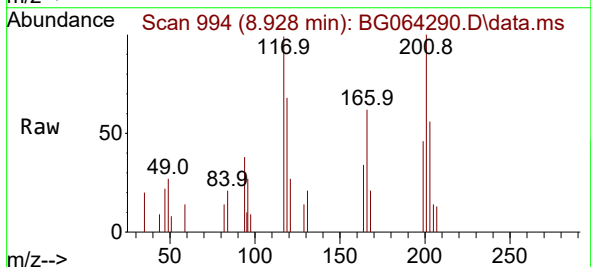
Tgt Ion:	107	Resp:	5624
Ion	Ratio	Lower	Upper
107	100		
108	82.6	94.6	141.8
77	50.2	43.7	65.5
79	44.2	44.6	67.0

Manual Integrations
APPROVED

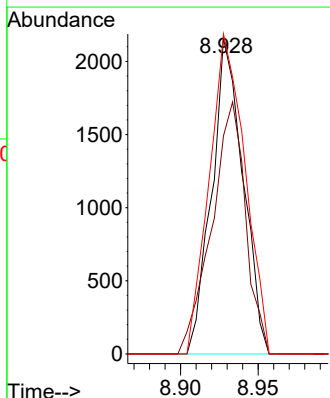
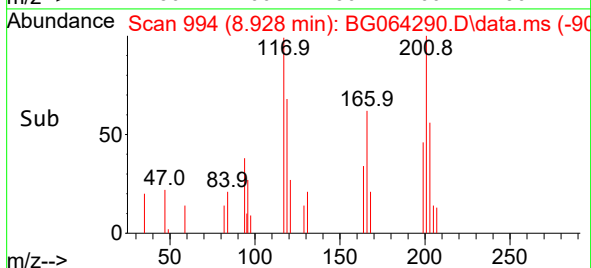
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

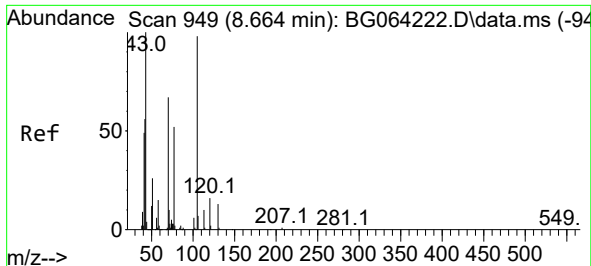


#18
Hexachloroethane
Concen: 4.017 ng
RT: 8.928 min Scan# 994
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



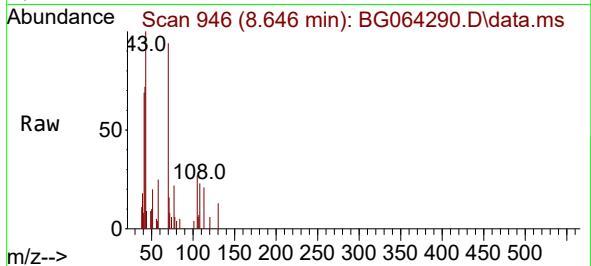
Tgt Ion:	117	Resp:	3024
Ion	Ratio	Lower	Upper
117	100		
119	69.1	67.9	101.9
201	101.3	80.5	120.7





#19
n-Nitroso-di-n-propylamine
Concen: 3.928 ng
RT: 8.646 min Scan# 941
Delta R.T. -0.018 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

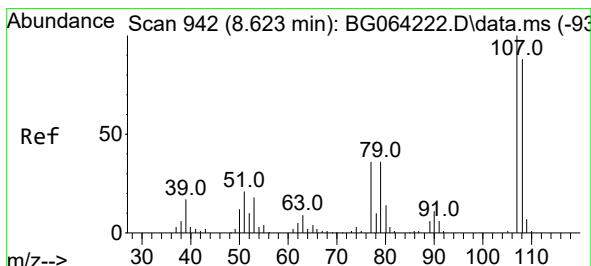
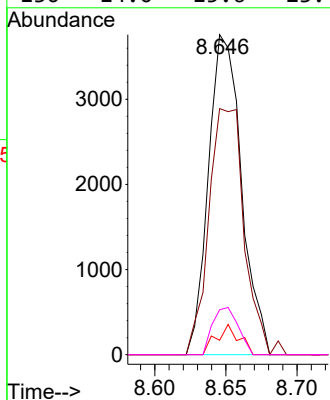
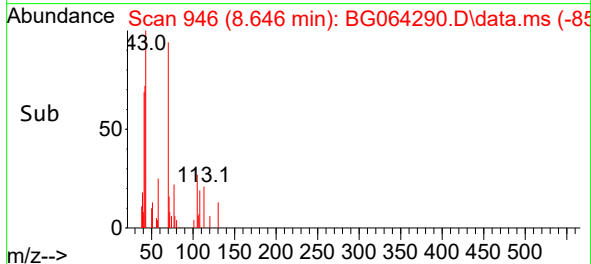
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 70 Resp: 6070
Ion Ratio Lower Upper
70 100
42 76.9 67.9 101.9
101 4.5 7.3 10.9
130 14.0 15.6 23.4#

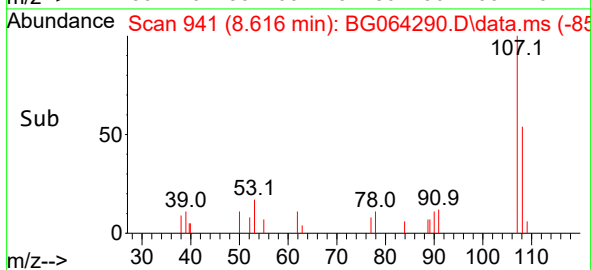
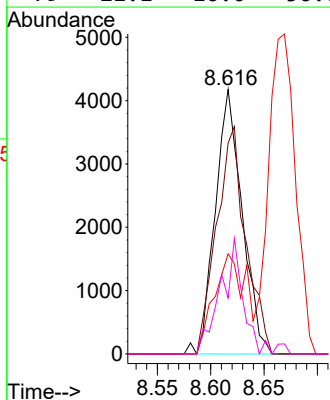
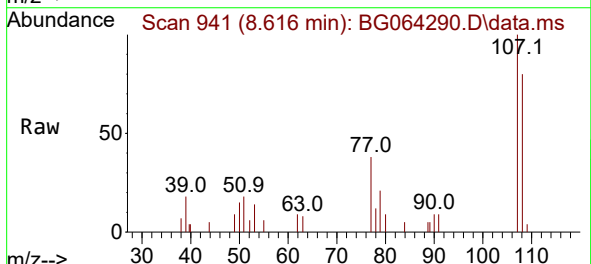
Manual Integrations
APPROVED

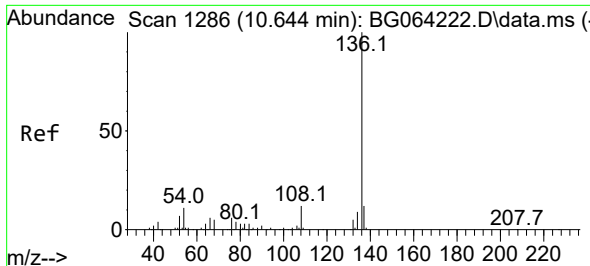
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#20
3+4-Methylphenols
Concen: 3.162 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

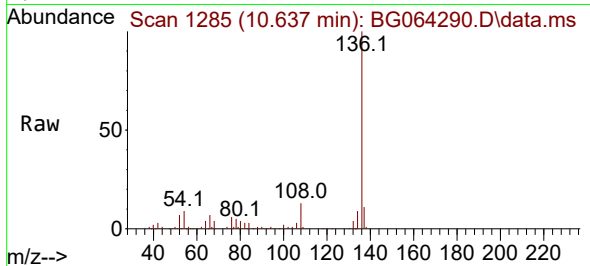
Tgt Ion:107 Resp: 7291
Ion Ratio Lower Upper
107 100
108 79.7 68.1 108.1
77 37.9 15.9 55.9
79 21.1 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

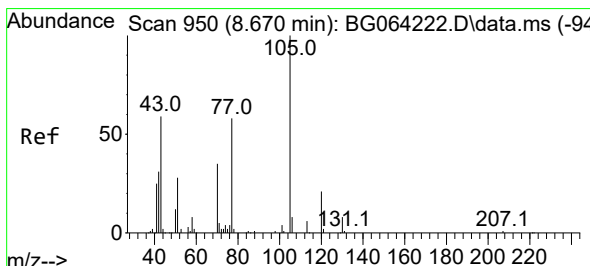
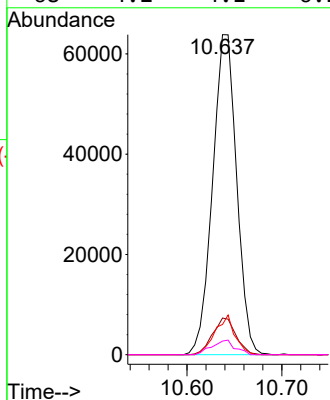
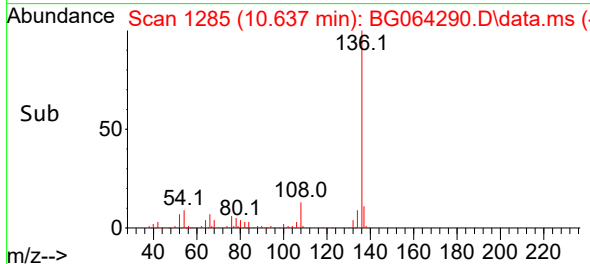
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:136 Resp: 11269
Ion Ratio Lower Upper
136 100
137 11.5 9.6 14.4
54 9.5 8.8 13.2
68 4.2 4.1 6.1

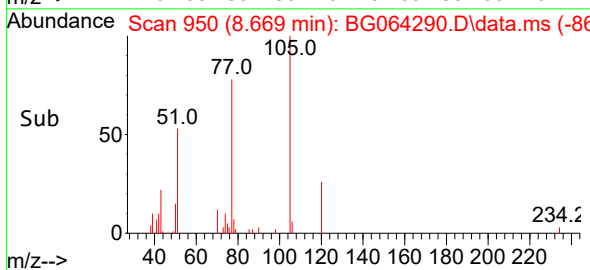
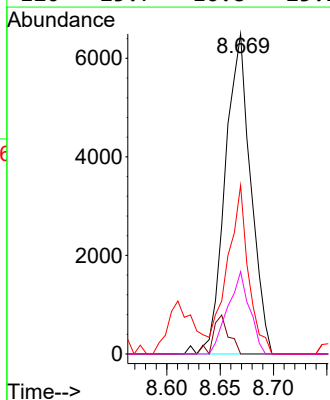
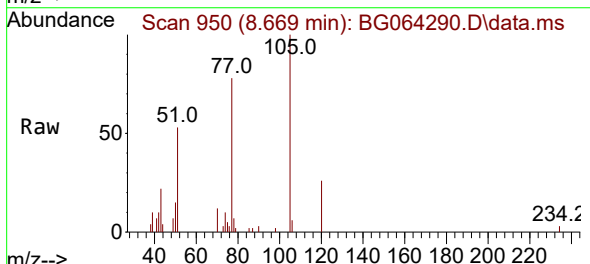
Manual Integrations
APPROVED

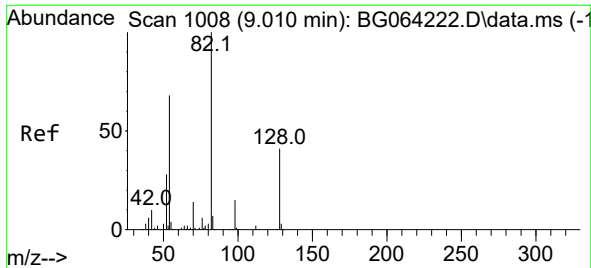
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#22
Acetophenone
Concen: 3.787 ng
RT: 8.669 min Scan# 950
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

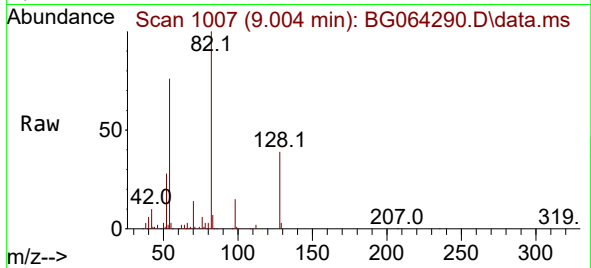
Tgt Ion:105 Resp: 10798
Ion Ratio Lower Upper
105 100
71 0.0 4.3 6.5#
51 52.7 32.4 48.6#
120 25.7 16.8 25.2#





#23
Nitrobenzene-d5
Concen: 91.054 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

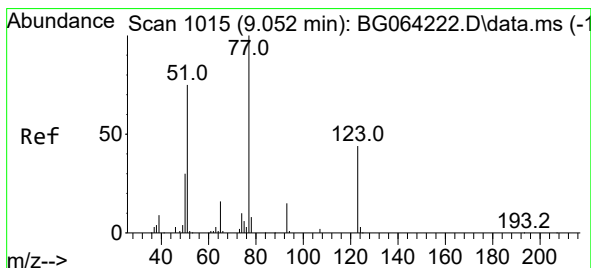
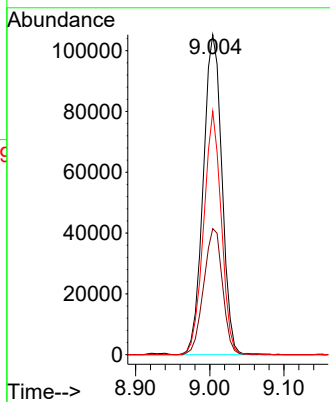
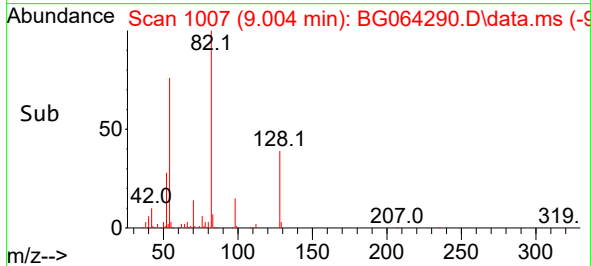
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 82 Resp: 183990
Ion Ratio Lower Upper
82 100
128 39.4 32.6 48.8
54 76.1 54.7 82.1

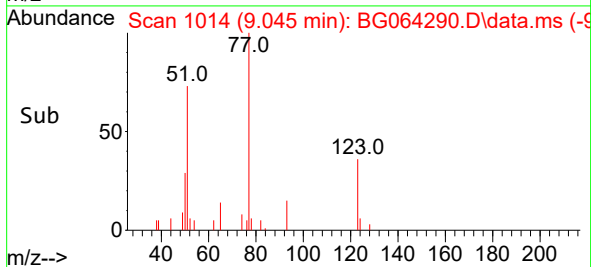
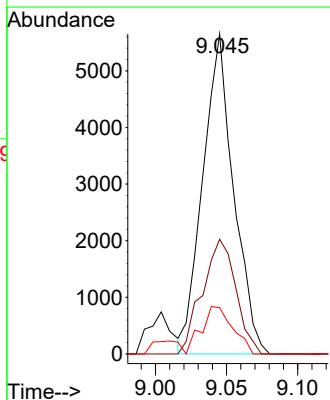
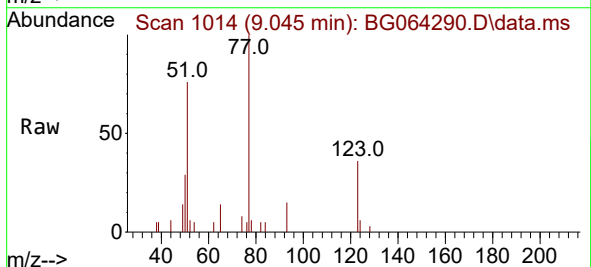
Manual Integrations
APPROVED

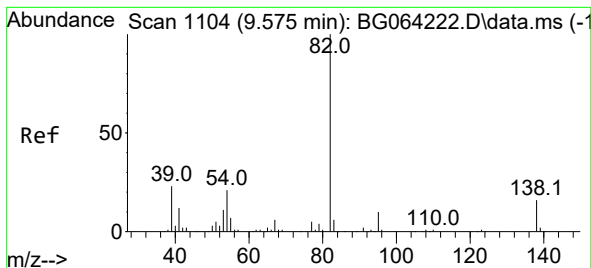
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#24
Nitrobenzene
Concen: 4.036 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

Tgt Ion: 77 Resp: 8521
Ion Ratio Lower Upper
77 100
123 35.9 35.2 52.8
65 14.5 12.6 19.0





#25

Isophorone

Concen: 3.800 ng

RT: 9.568 min Scan# 1103

Delta R.T. -0.018 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025

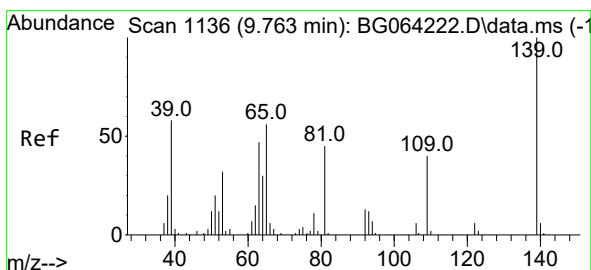
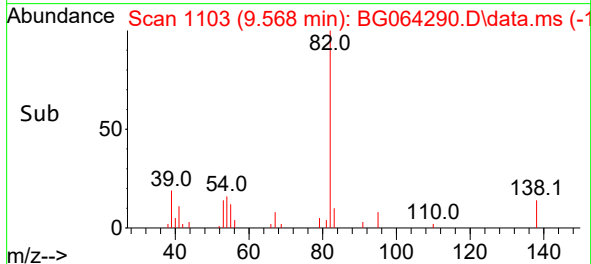
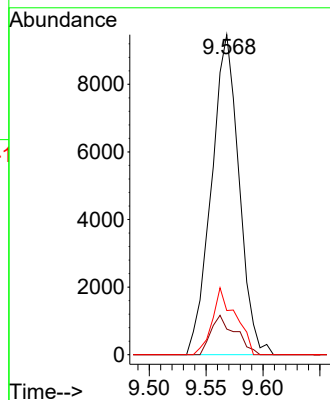
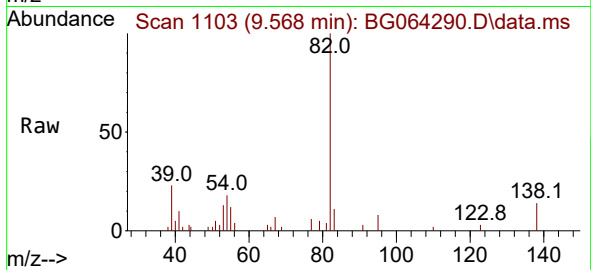
Tgt Ion: 82 Resp: 15958
 Ion Ratio Lower Upper
 82 100
 95 8.0 7.9 11.9
 138 13.8 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#26

2-Nitrophenol

Concen: 3.866 ng

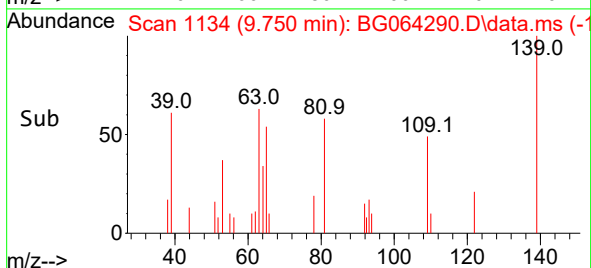
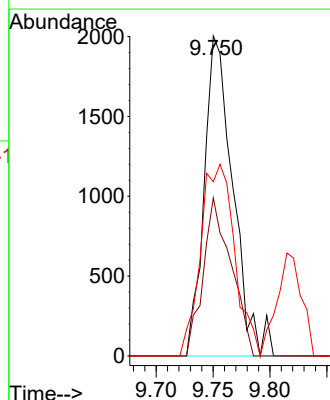
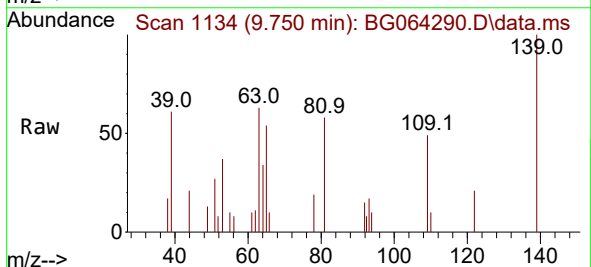
RT: 9.750 min Scan# 1134

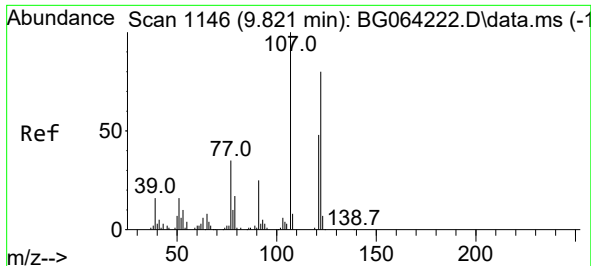
Delta R.T. -0.013 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

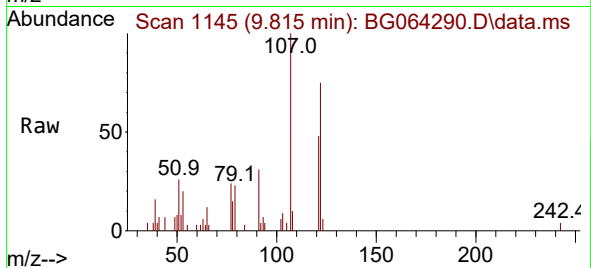
Tgt Ion:139 Resp: 3527
 Ion Ratio Lower Upper
 139 100
 109 49.4 32.4 48.6#
 65 54.4 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 4.279 ng
RT: 9.815 min Scan# 1145
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

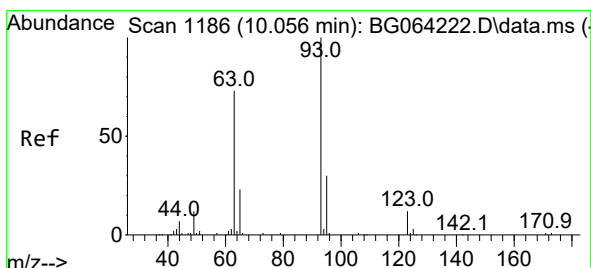
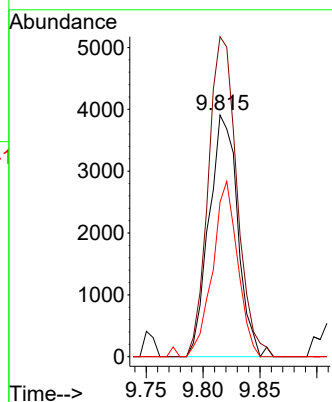
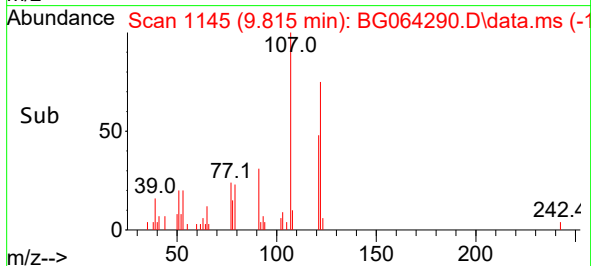
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:122 Resp: 685
Ion Ratio Lower Upper
122 100
107 132.5 99.9 149.9
121 64.0 48.6 72.8

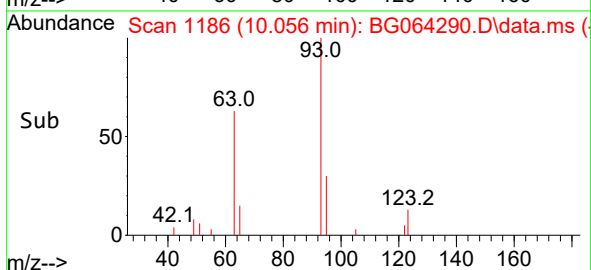
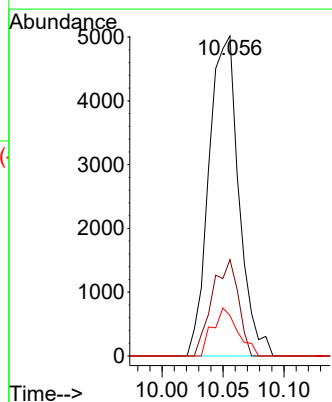
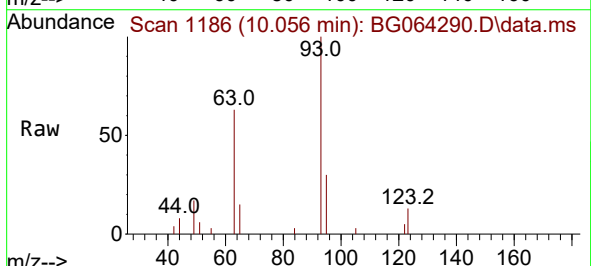
Manual Integrations
APPROVED

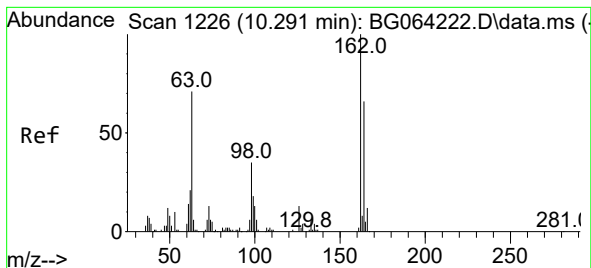
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#28
bis(2-Chloroethoxy)methane
Concen: 3.780 ng
RT: 10.056 min Scan# 1186
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

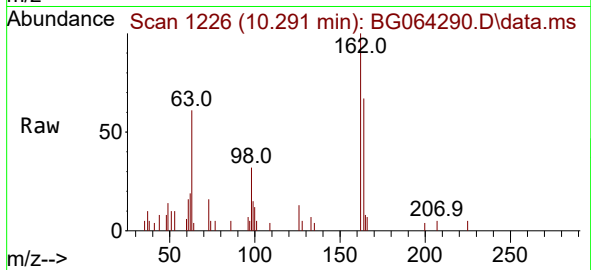
Tgt Ion: 93 Resp: 8560
Ion Ratio Lower Upper
93 100
95 30.1 23.9 35.9
123 12.6 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 3.543 ng
RT: 10.291 min Scan# 1226
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

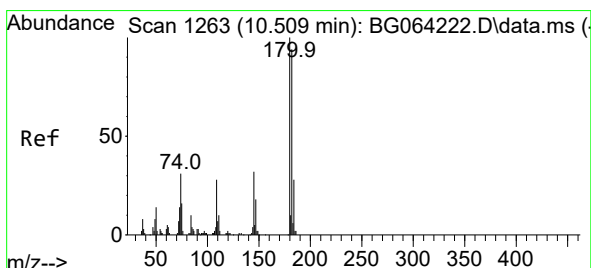
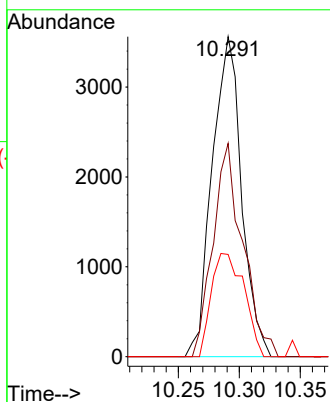
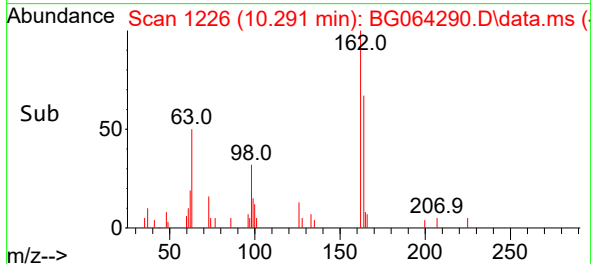
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:162 Resp: 598
Ion Ratio Lower Upper
162 100
164 66.7 45.8 85.8
98 31.9 15.2 55.2

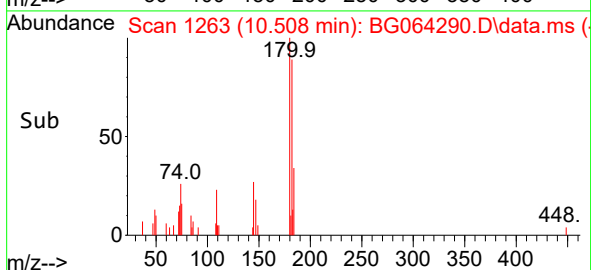
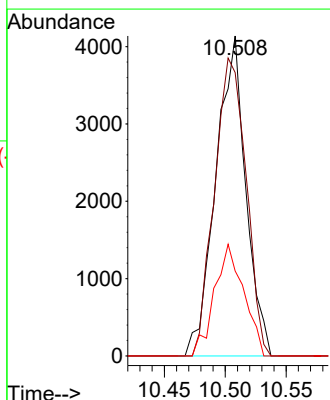
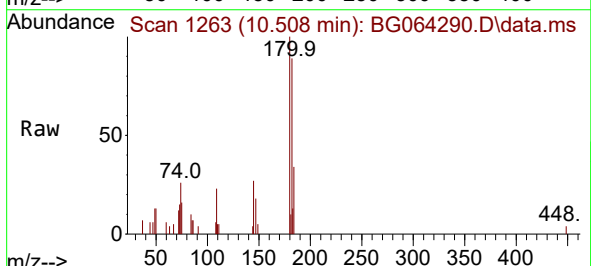
Manual Integrations
APPROVED

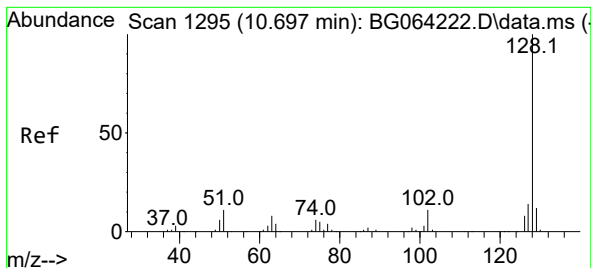
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#30
1,2,4-Trichlorobenzene
Concen: 3.981 ng
RT: 10.508 min Scan# 1263
Delta R.T. -0.001 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

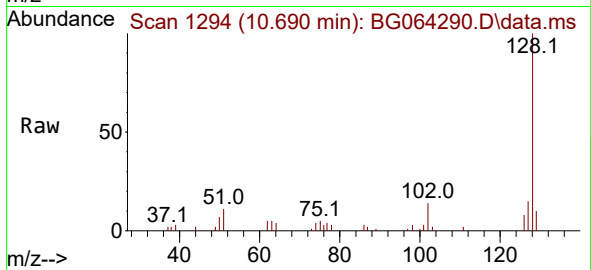
Tgt Ion:180 Resp: 7093
Ion Ratio Lower Upper
180 100
182 88.6 75.0 112.6
145 26.5 25.4 38.0





#31
Naphthalene
Concen: 3.826 ng
RT: 10.690 min Scan# 1164
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

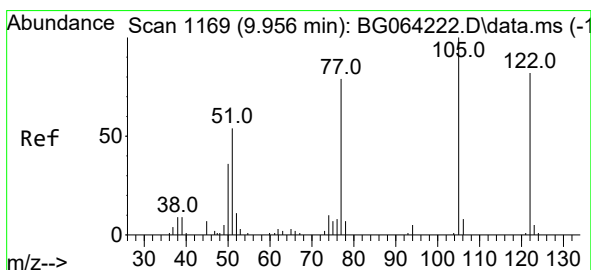
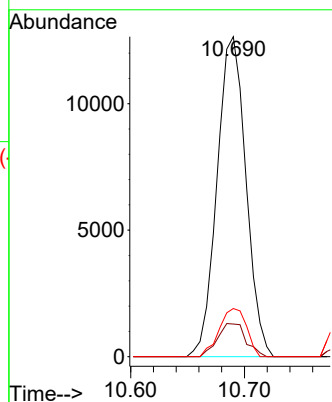
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:128 Resp: 2235
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 15.0 10.9 16.3

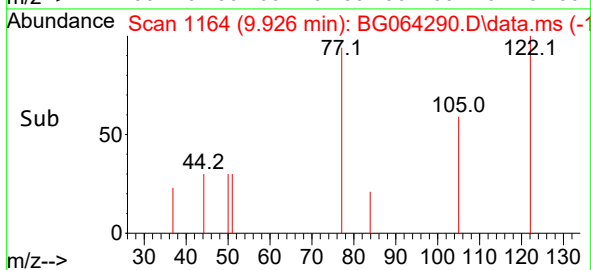
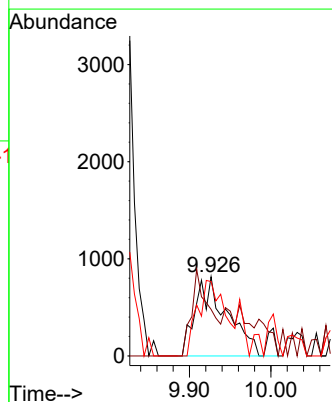
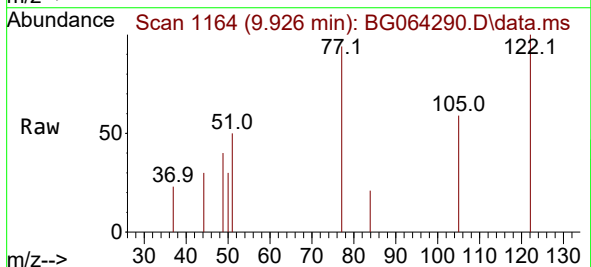
Manual Integrations
APPROVED

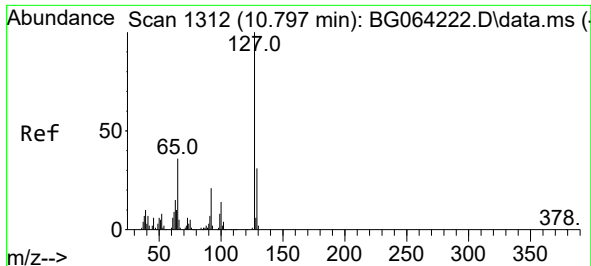
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#32
Benzoic acid
Concen: 1.885 ng m
RT: 9.926 min Scan# 1164
Delta R.T. -0.089 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

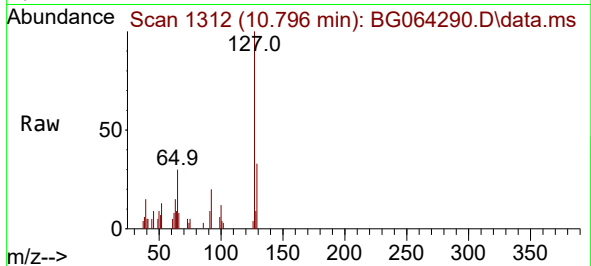
Tgt Ion:122 Resp: 2396
Ion Ratio Lower Upper
122 100
105 58.9 98.5 138.5#
77 93.9 74.6 114.6





#33
4-Chloroaniline
Concen: 3.934 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

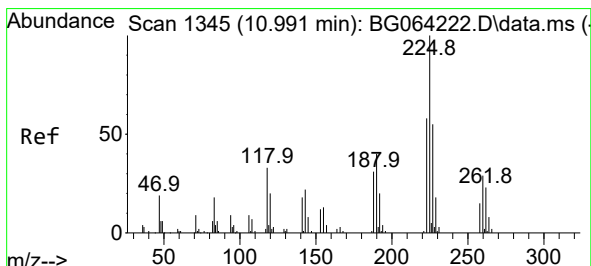
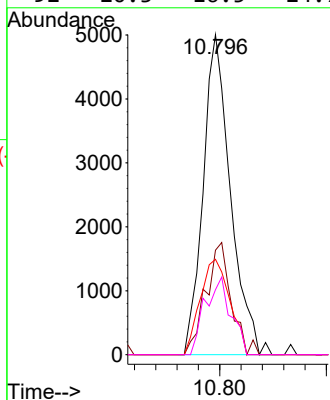
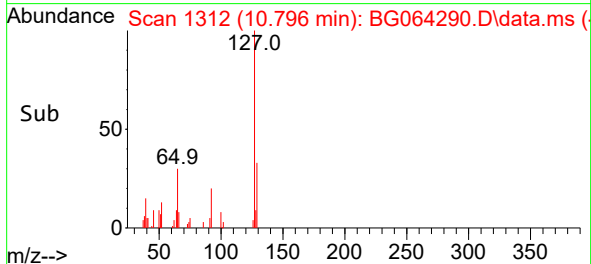
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



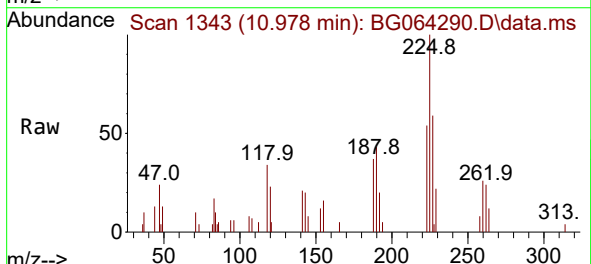
Tgt Ion:	127	Resp:	891
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.0	37.4
65	29.8	28.7	43.1
92	20.3	16.5	24.7

Manual Integrations
APPROVED

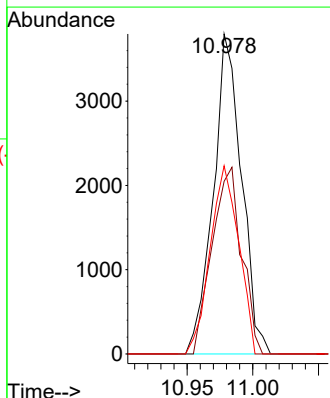
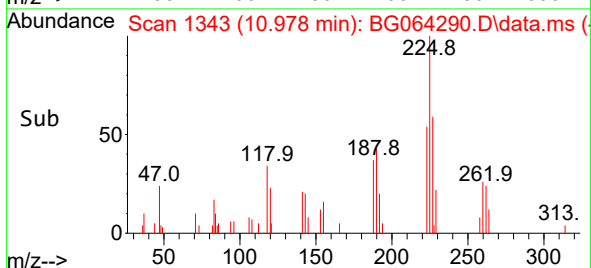
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

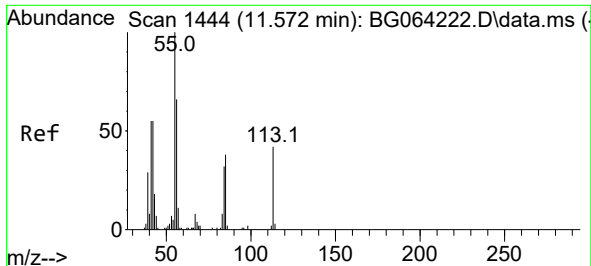


#34
Hexachlorobutadiene
Concen: 4.306 ng
RT: 10.978 min Scan# 1343
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



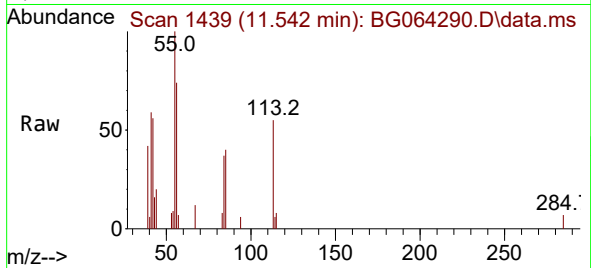
Tgt Ion:	225	Resp:	5671
Ion Ratio	Lower	Upper	
225	100		
223	53.9	46.5	69.7
227	63.1	44.1	66.1





#35
Caprolactam
Concen: 3.466 ng
RT: 11.542 min Scan# 1444
Delta R.T. -0.060 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

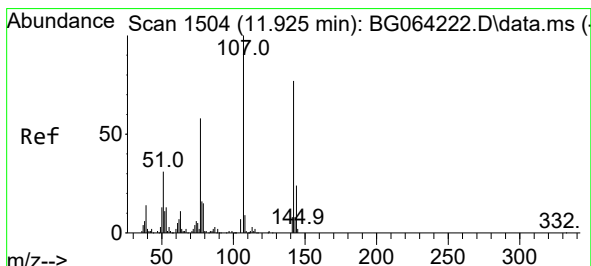
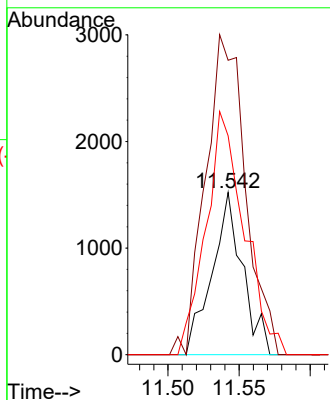
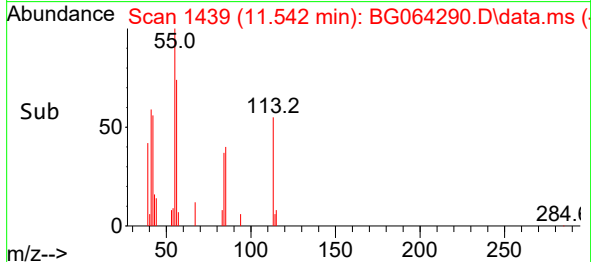
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:113 Resp: 2268
Ion Ratio Lower Upper
113 100
55 181.5 218.5 258.5
56 134.9 138.5 178.5

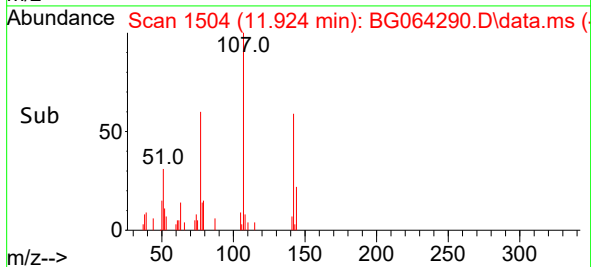
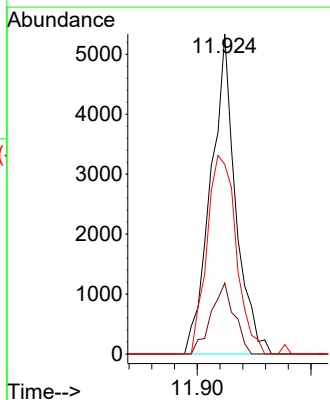
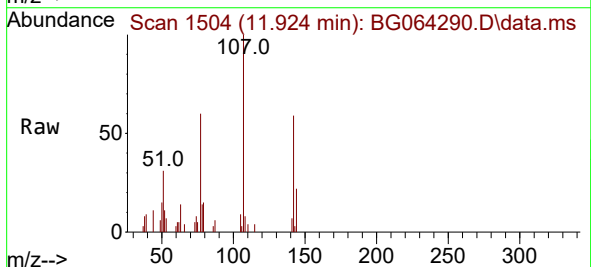
Manual Integrations
APPROVED

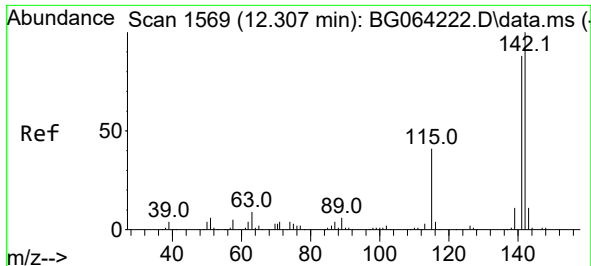
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#36
4-Chloro-3-methylphenol
Concen: 3.695 ng
RT: 11.924 min Scan# 1504
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

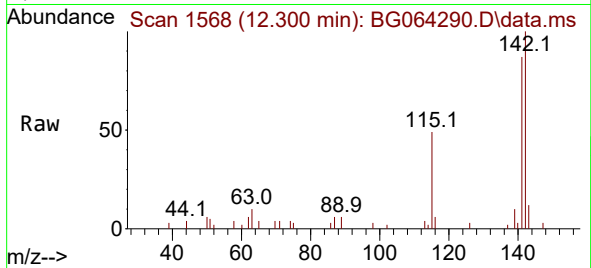
Tgt Ion:107 Resp: 8101
Ion Ratio Lower Upper
107 100
144 22.2 19.5 29.3
142 59.2 62.0 93.0#





#37
2-Methylnaphthalene
Concen: 3.265 ng
RT: 12.300 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

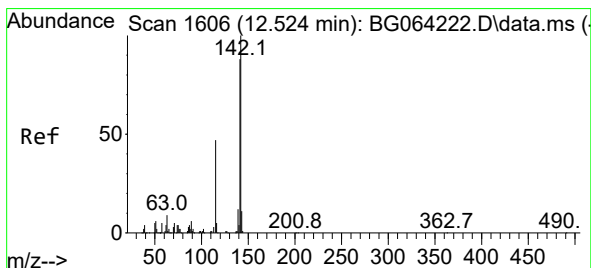
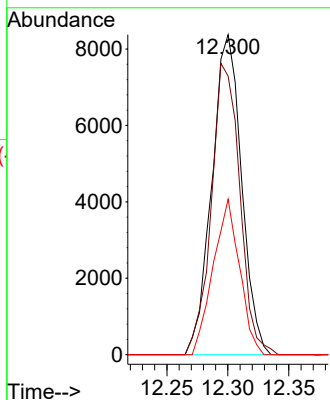
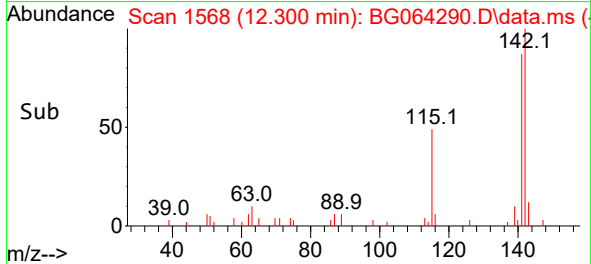
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:142 Resp: 1418
Ion Ratio Lower Upper
142 100
141 87.0 70.1 105.1
115 48.6 33.1 49.7

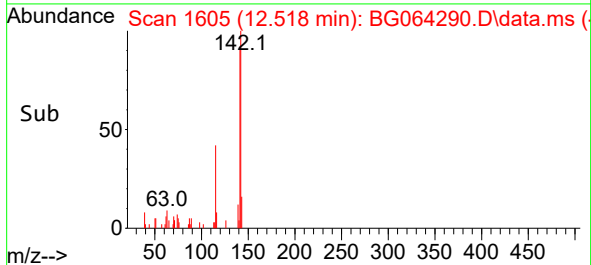
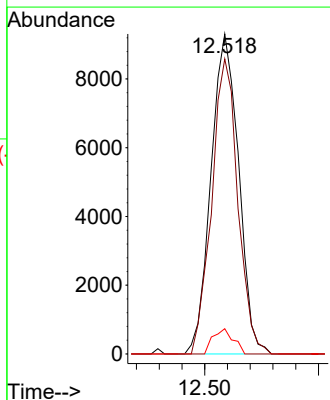
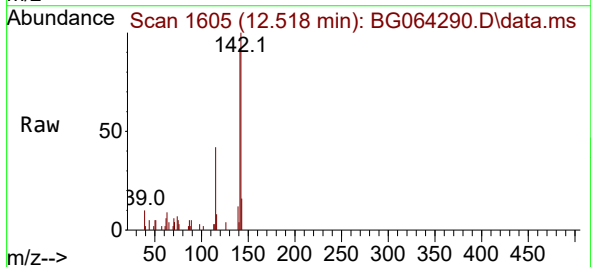
Manual Integrations
APPROVED

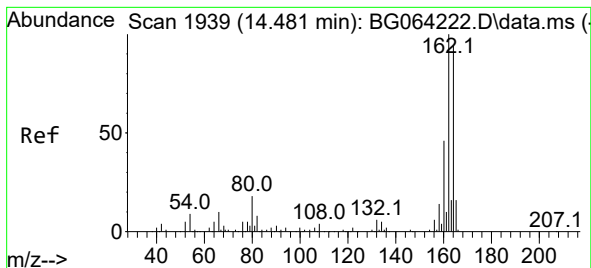
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#38
1-Methylnaphthalene
Concen: 3.664 ng
RT: 12.518 min Scan# 1605
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

Tgt Ion:142 Resp: 15718
Ion Ratio Lower Upper
142 100
141 92.2 70.3 105.5
116 7.9 3.7 5.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1938

Delta R.T. -0.007 min

Lab File: BG064290.D

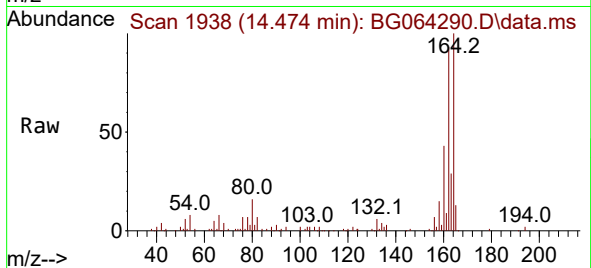
Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025



Tgt Ion:164 Resp: 8438

Ion Ratio Lower Upper

164 100

162 92.6 85.4 128.0

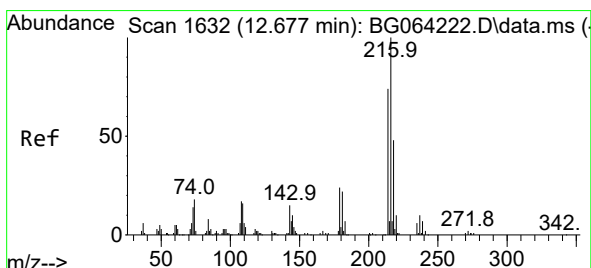
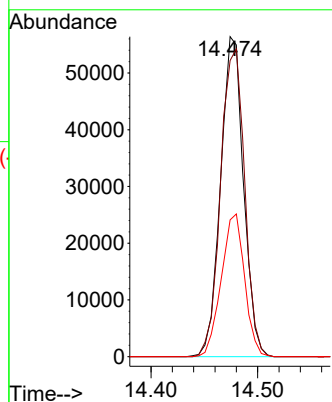
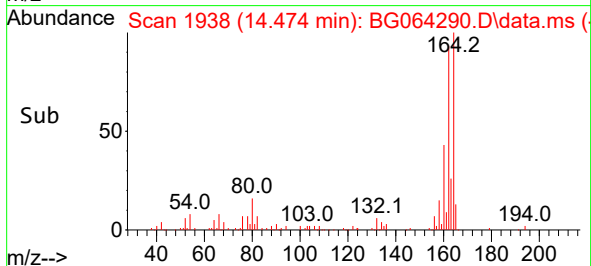
160 42.7 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.999 ng

RT: 12.664 min Scan# 1630

Delta R.T. -0.013 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion:216 Resp: 9736

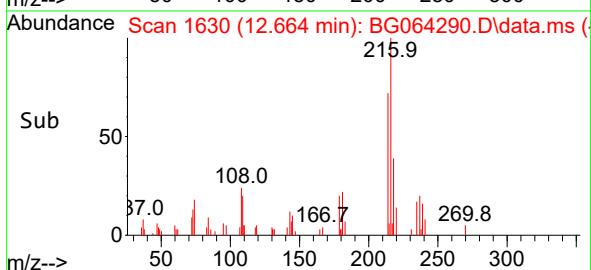
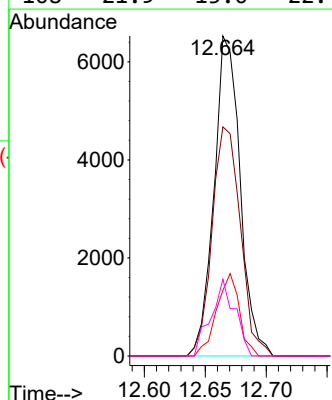
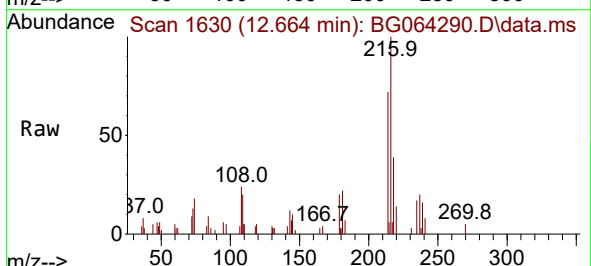
Ion Ratio Lower Upper

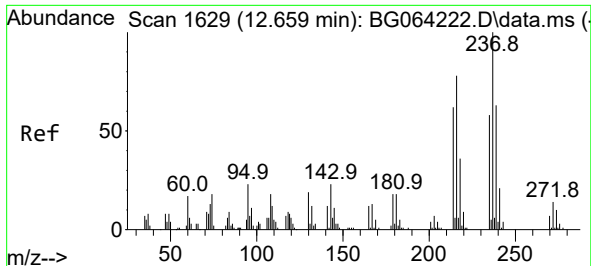
216 100

214 77.5 61.9 92.9

179 22.4 17.9 26.9

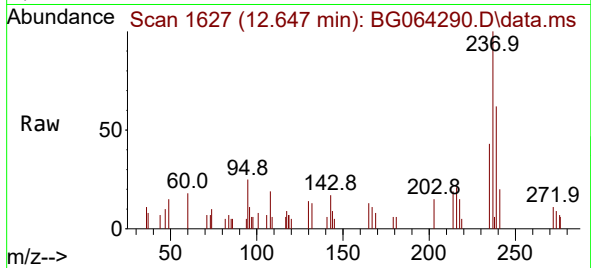
108 21.9 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 4.123 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

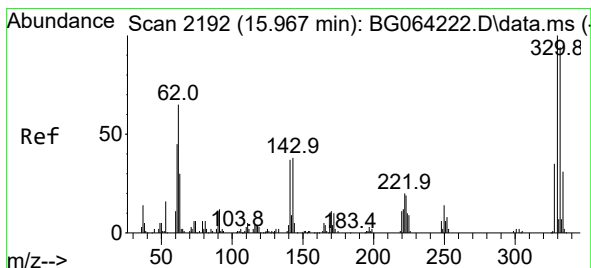
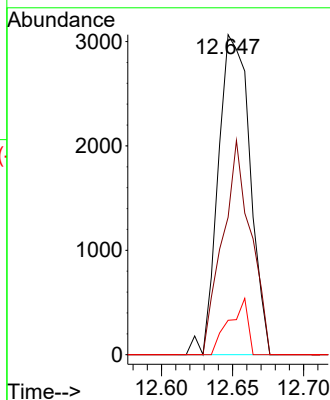
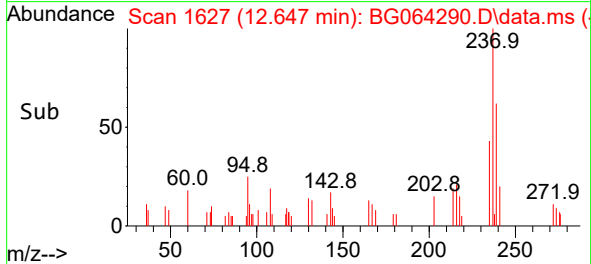
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:237 Resp: 477
Ion Ratio Lower Upper
237 100
235 43.0 37.9 77.9
272 10.8 0.0 33.8

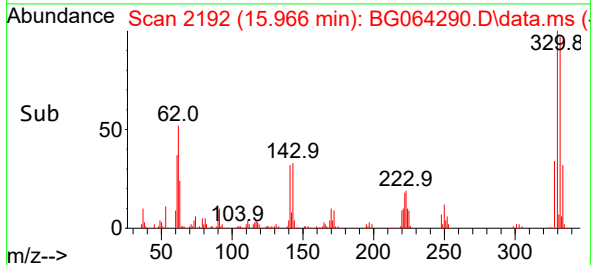
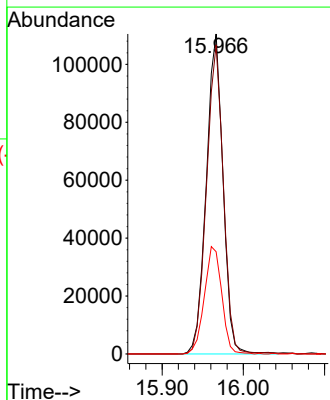
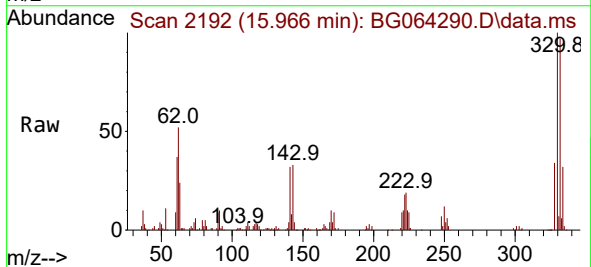
Manual Integrations
APPROVED

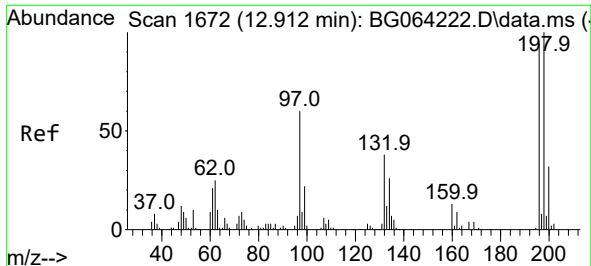
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#42
2,4,6-Tribromophenol
Concen: 141.614 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

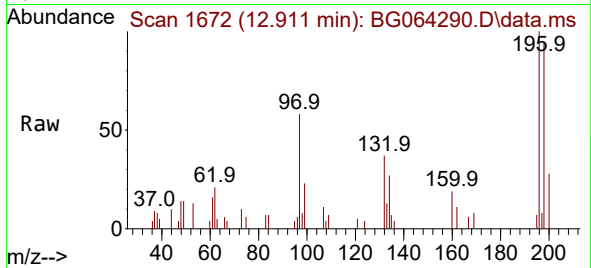
Tgt Ion:330 Resp: 158285
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 34.7 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 3.770 ng
RT: 12.911 min Scan# 1672
Delta R.T. -0.001 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

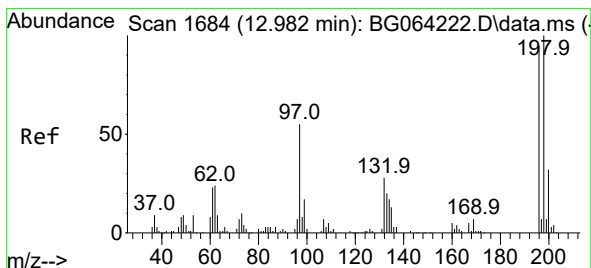
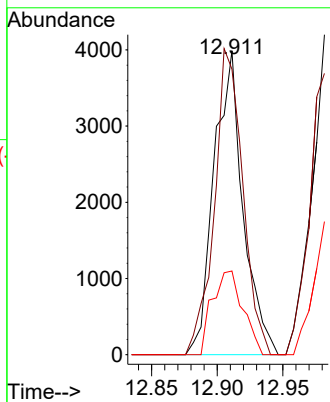
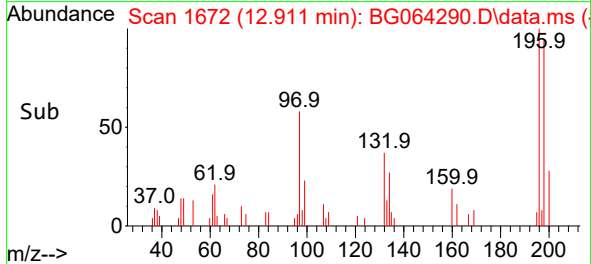
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



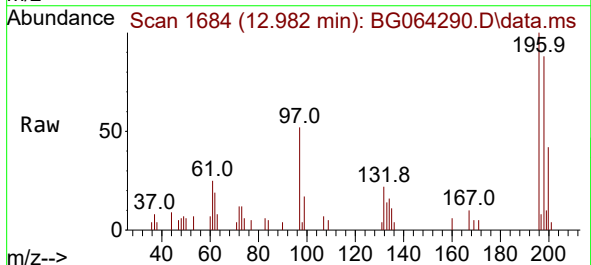
Tgt Ion:196 Resp: 613
Ion Ratio Lower Upper
196 100
198 93.9 85.4 128.2
200 27.5 27.3 40.9

Manual Integrations
APPROVED

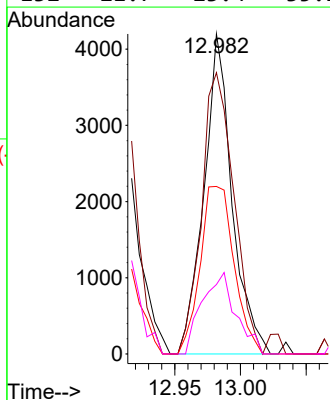
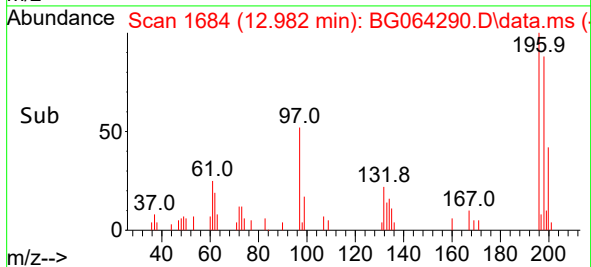
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

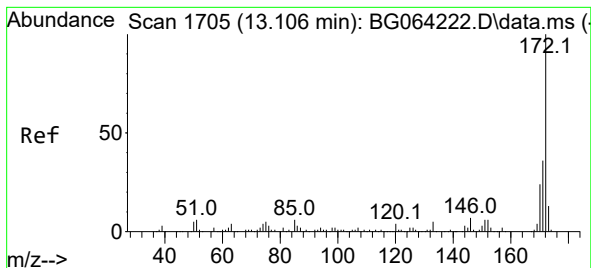


#44
2,4,5-Trichlorophenol
Concen: 3.552 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



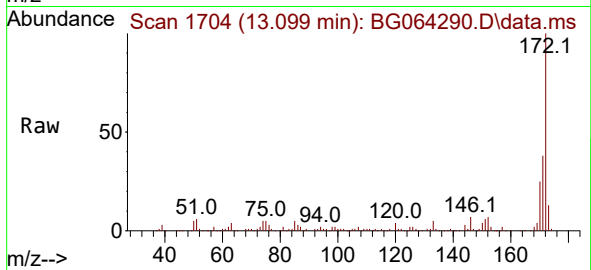
Tgt Ion:196 Resp: 6270
Ion Ratio Lower Upper
196 100
198 87.9 84.5 126.7
97 52.4 46.8 70.2
132 21.7 23.4 35.2#





#45
2-Fluorobiphenyl
Concen: 85.059 ng
RT: 13.099 min Scan# 1704
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

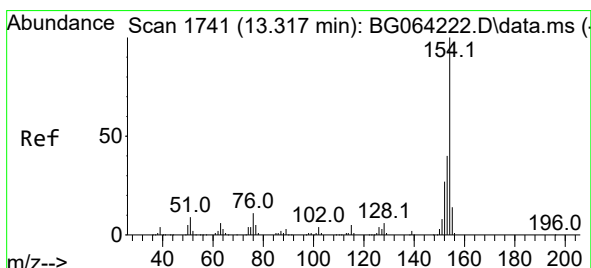
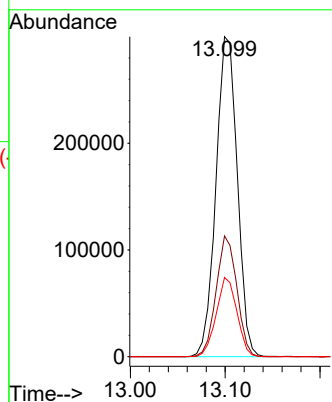
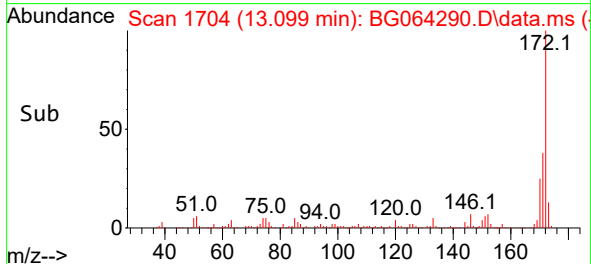
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2025



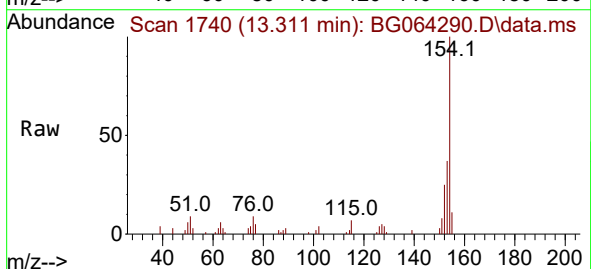
Tgt Ion:172 Resp: 470254
Ion Ratio Lower Upper
172 100
171 37.8 28.7 43.1
170 24.8 19.0 28.6

Manual Integrations
APPROVED

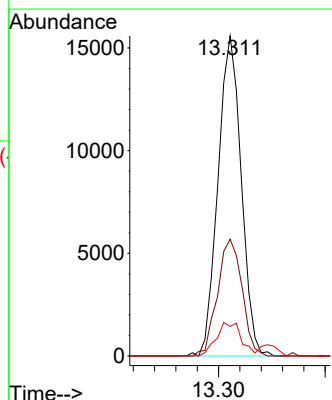
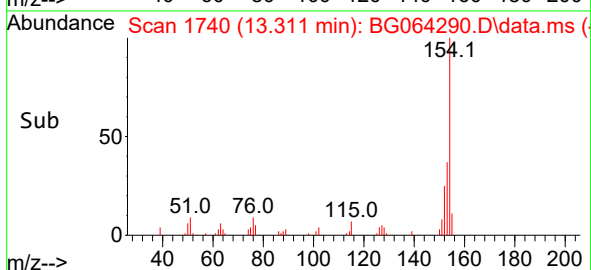
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

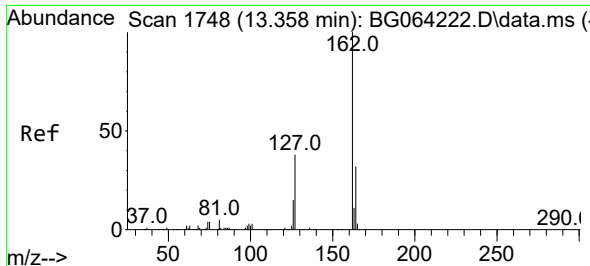


#46
1,1'-Biphenyl
Concen: 3.819 ng
RT: 13.311 min Scan# 1740
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



Tgt Ion:154 Resp: 23473
Ion Ratio Lower Upper
154 100
153 36.5 19.9 59.9
76 9.2 0.0 30.9





#47

2-Chloronaphthalene

Concen: 3.789 ng

RT: 13.352 min Scan# 1748

Delta R.T. -0.007 min

Lab File: BG064290.D

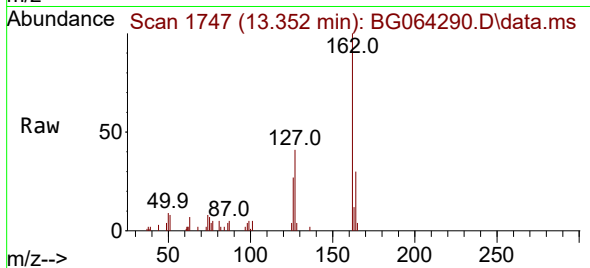
Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025



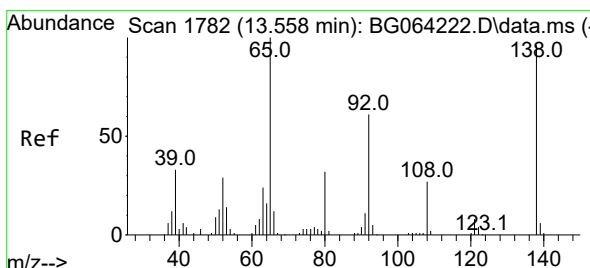
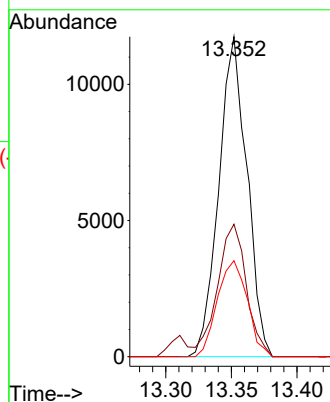
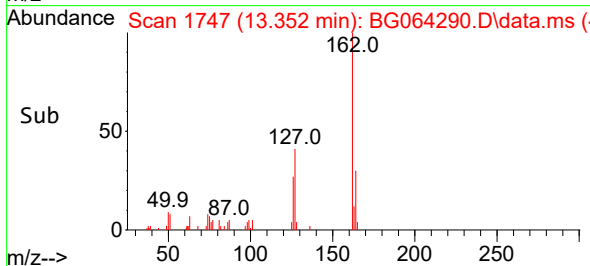
Tgt Ion:	162	Resp:	1750
Ion Ratio	100	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	30.0	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#48

2-Nitroaniline

Concen: 3.454 ng

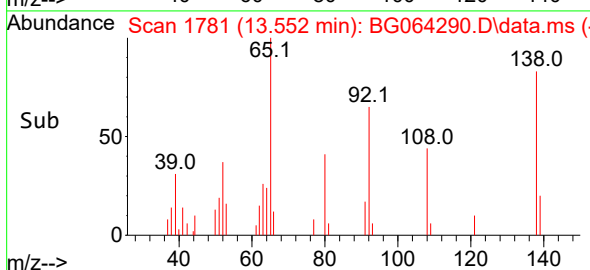
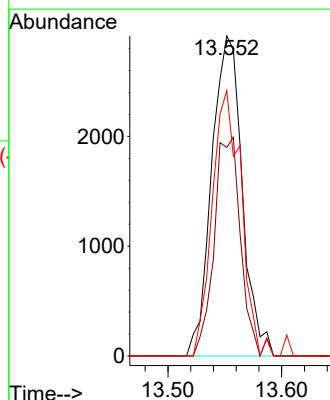
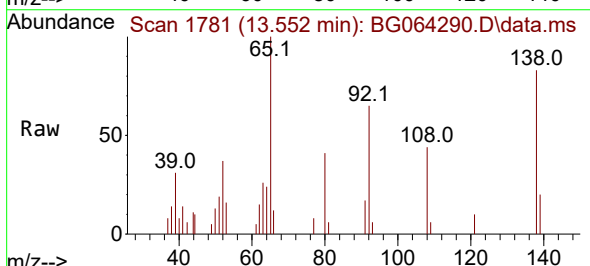
RT: 13.552 min Scan# 1781

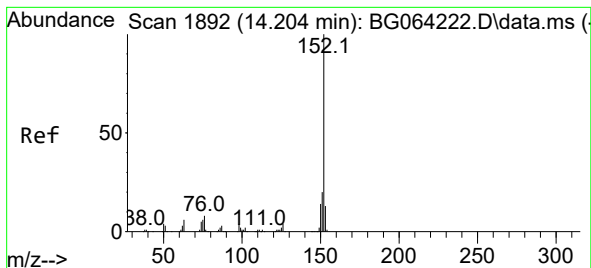
Delta R.T. -0.013 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion:	65	Resp:	5439
Ion Ratio	100	Lower	Upper
65	100		
92	65.2	49.2	73.8
138	83.0	76.8	115.2





#49

Acenaphthylene

Concen: 4.221 ng

RT: 14.198 min Scan# 1891

Delta R.T. -0.007 min

Lab File: BG064290.D

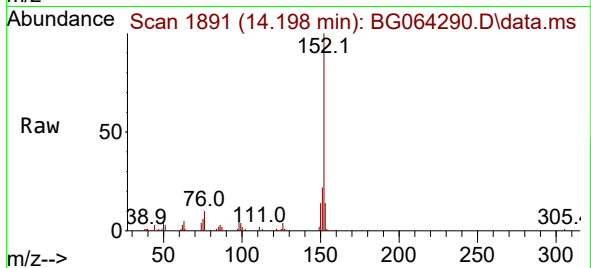
Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025



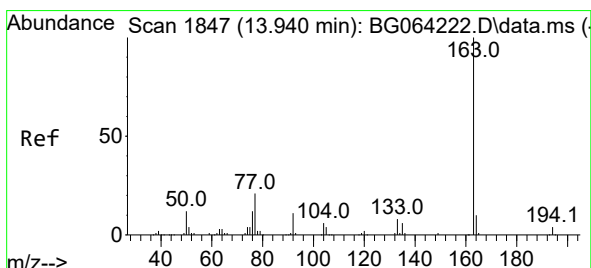
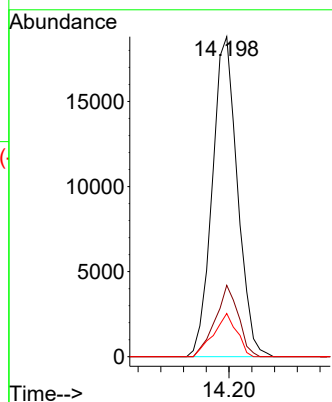
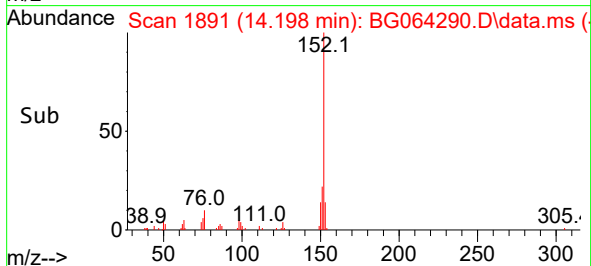
Tgt Ion:	152	Resp:	2883
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.2	24.2
153	13.5	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#50

Dimethylphthalate

Concen: 3.742 ng

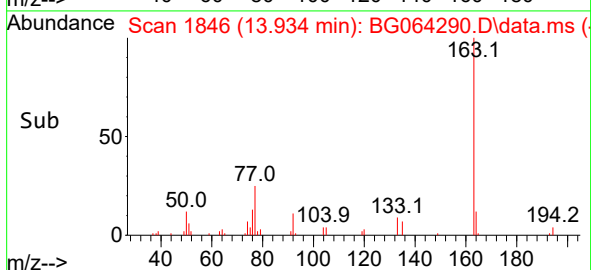
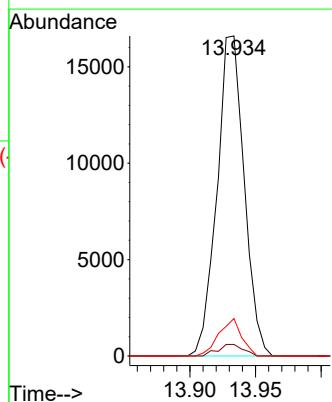
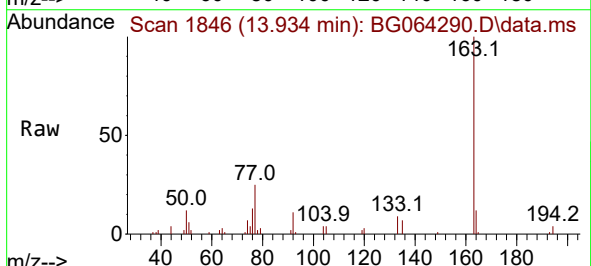
RT: 13.934 min Scan# 1846

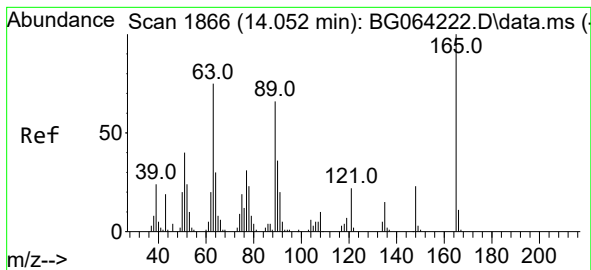
Delta R.T. -0.013 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion:	163	Resp:	23902
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.4
164	11.7	7.9	11.9





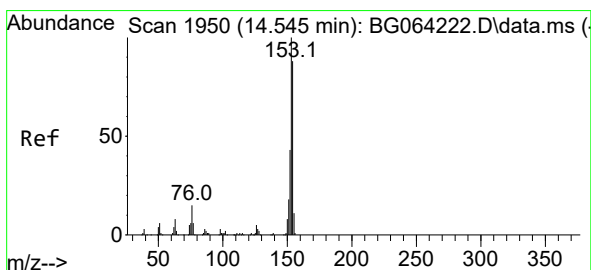
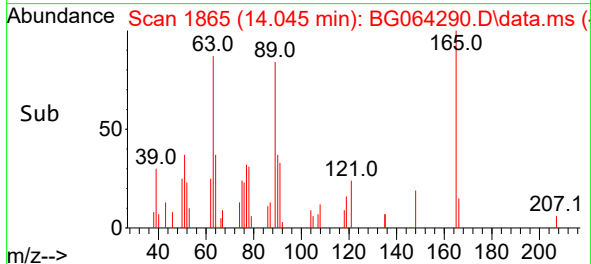
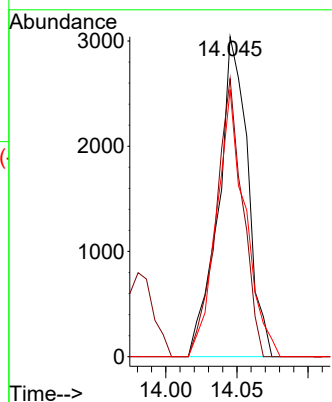
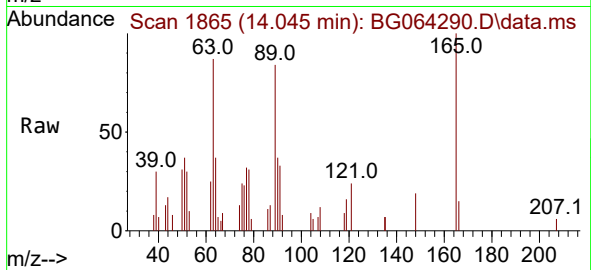
#51
2,6-Dinitrotoluene
Concen: 3.531 ng
RT: 14.045 min Scan# 1866
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion:165 Resp: 4360
Ion Ratio Lower Upper
165 100
63 86.9 60.3 90.5
89 83.5 52.9 79.3

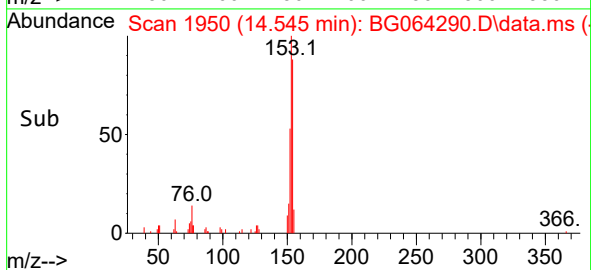
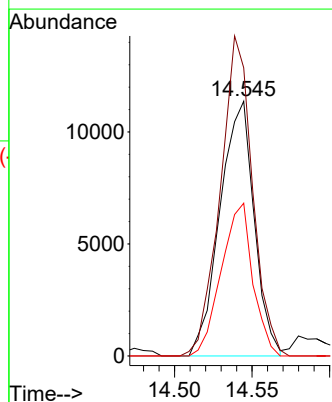
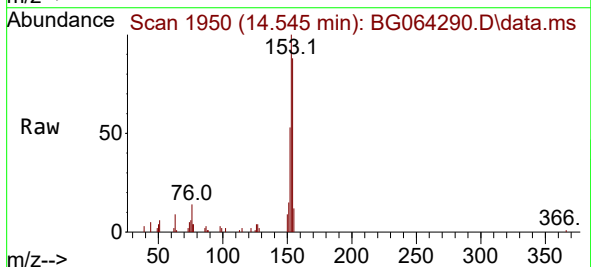
Manual Integrations
APPROVED

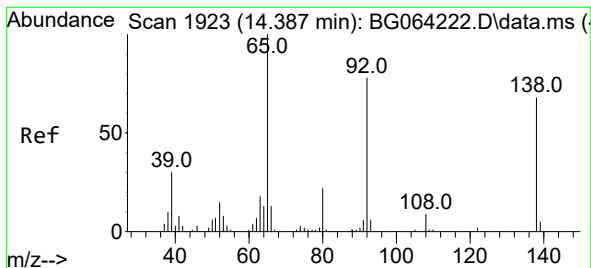
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#52
Acenaphthene
Concen: 3.614 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

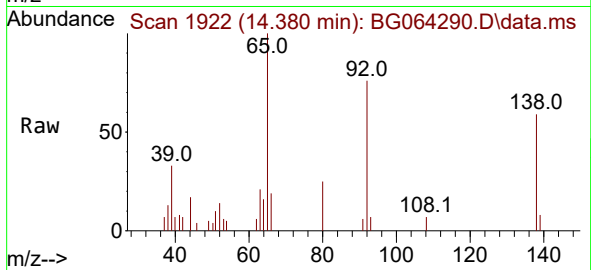
Tgt Ion:154 Resp: 17421
Ion Ratio Lower Upper
154 100
153 113.1 91.1 136.7
152 60.0 39.6 59.4





#53
3-Nitroaniline
Concen: 3.098 ng
RT: 14.380 min Scan# 1923
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

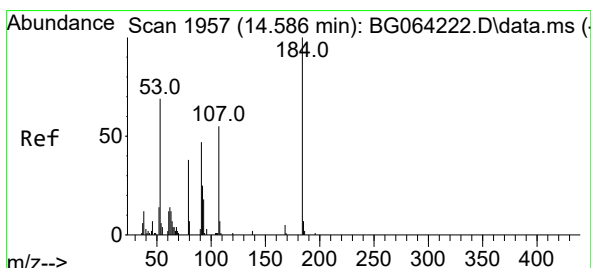
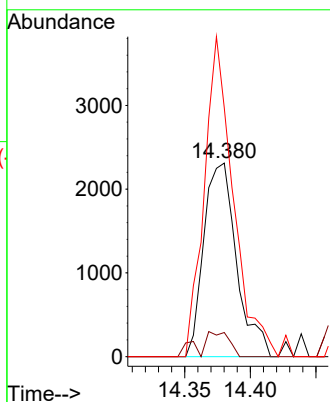
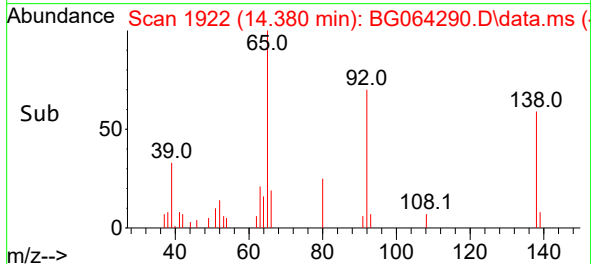
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:138 Resp: 401
Ion Ratio Lower Upper
138 100
108 12.5 11.0 16.6
92 128.5 91.4 137.0

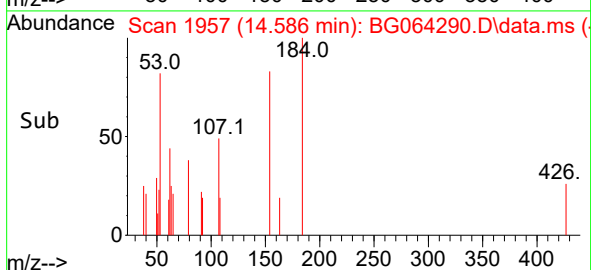
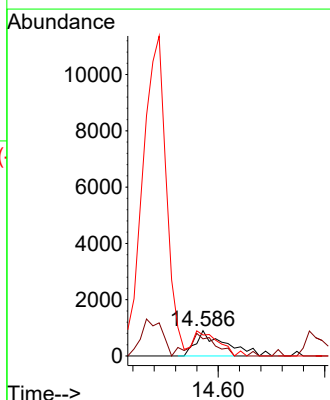
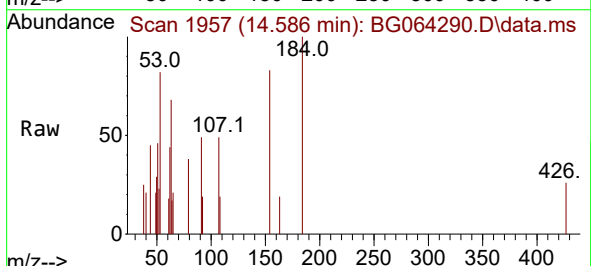
Manual Integrations
APPROVED

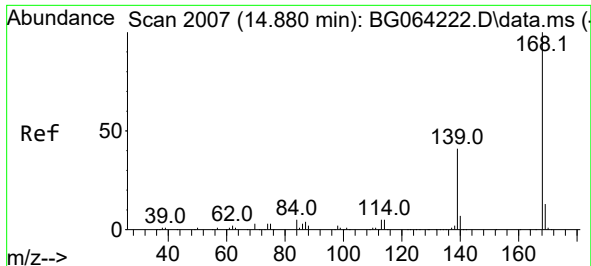
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#54
2,4-Dinitrophenol
Concen: 7.661 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

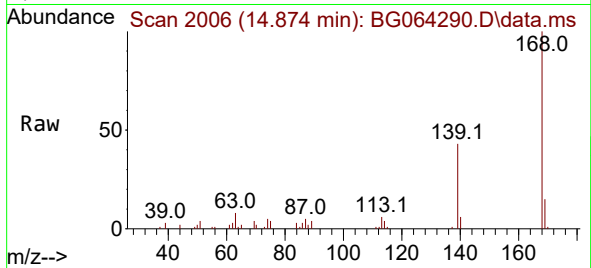
Tgt Ion:184 Resp: 1747
Ion Ratio Lower Upper
184 100
63 67.9 60.1 90.1
154 83.1 59.8 89.8





#55
Dibenzofuran
Concen: 3.775 ng
RT: 14.874 min Scan# 2006
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

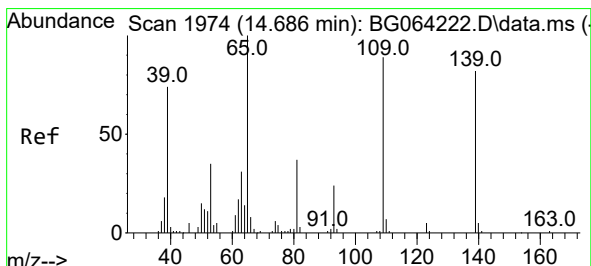
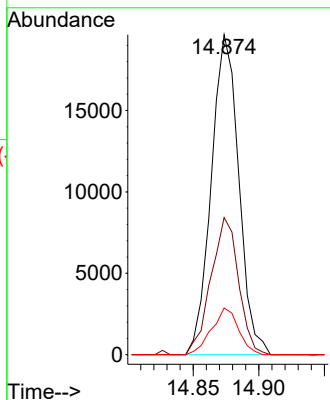
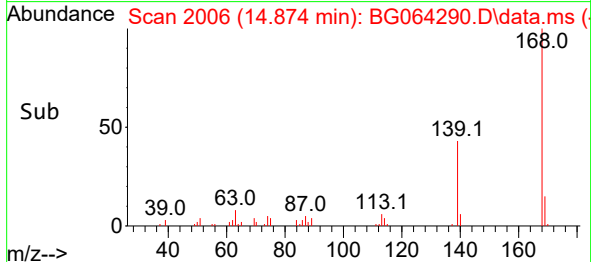
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:168 Resp: 28618
Ion Ratio Lower Upper
168 100
139 42.9 33.2 49.8
169 14.6 10.4 15.6

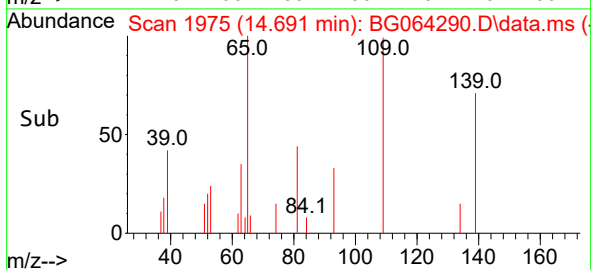
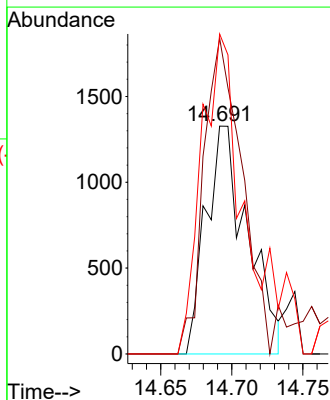
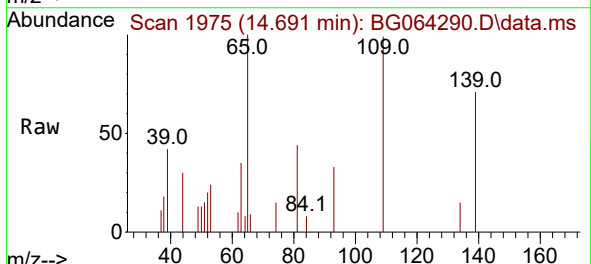
Manual Integrations
APPROVED

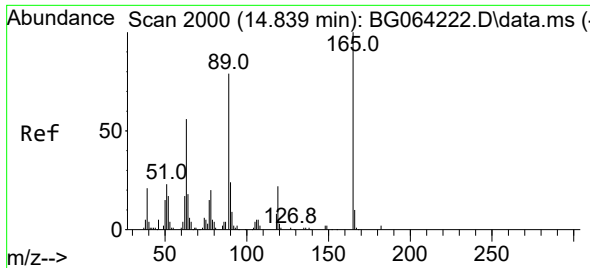
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#56
4-Nitrophenol
Concen: 2.544 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

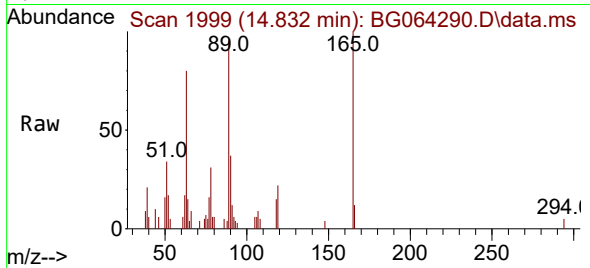
Tgt Ion:139 Resp: 2703
Ion Ratio Lower Upper
139 100
109 138.6 89.1 129.1#
65 140.5 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 3.867 ng
RT: 14.832 min Scan# 1999
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

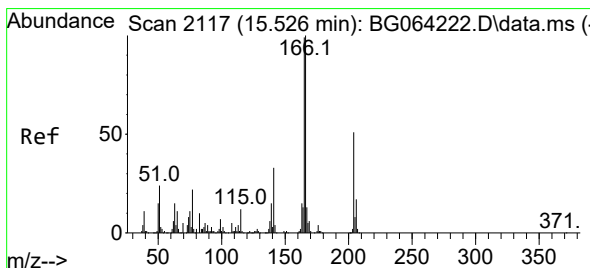
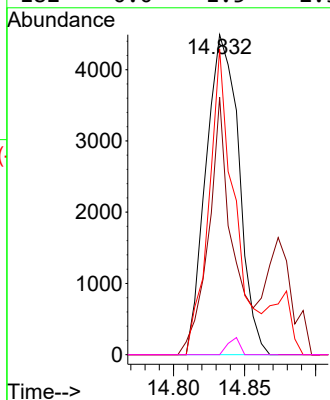
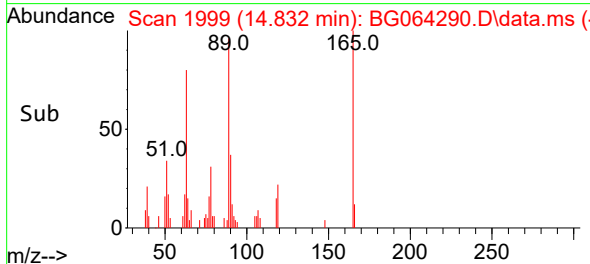
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2025



Tgt Ion:165 Resp: 7229
Ion Ratio Lower Upper
165 100
63 80.4 44.6 67.0
89 95.5 63.0 94.4
182 0.0 1.5 2.3#

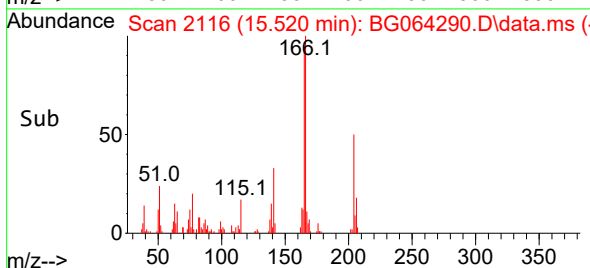
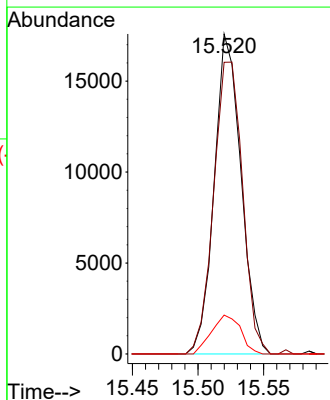
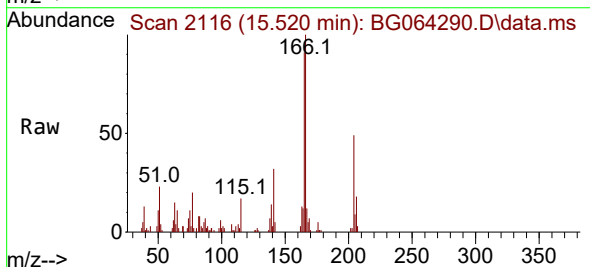
Manual Integrations
APPROVED

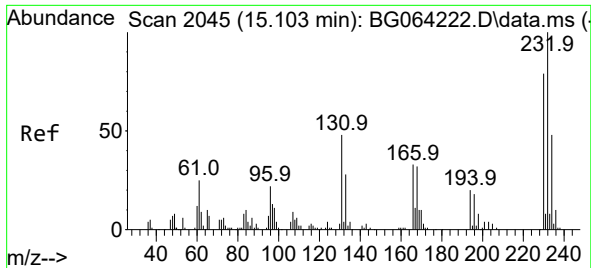
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#58
Fluorene
Concen: 4.004 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

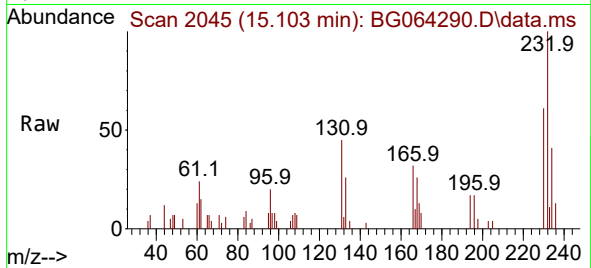
Tgt Ion:166 Resp: 24882
Ion Ratio Lower Upper
166 100
165 91.1 79.1 118.7
167 12.1 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.965 ng
RT: 15.103 min Scan# 2045
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

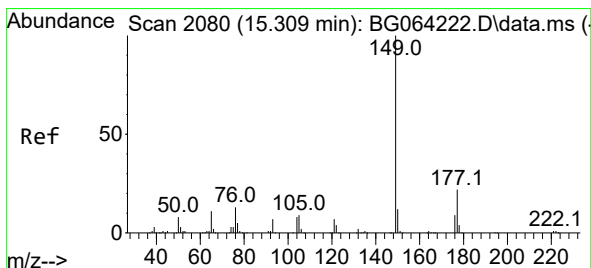
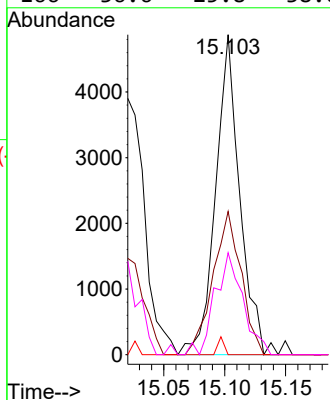
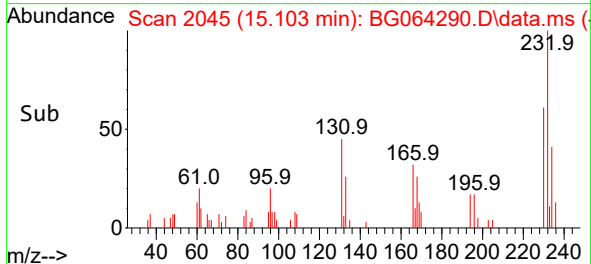
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



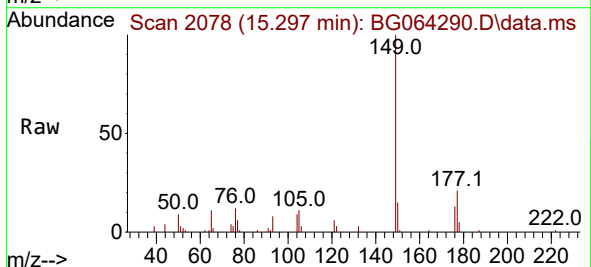
Tgt Ion:232 Resp: 6732
Ion Ratio Lower Upper
232 100
131 52.0 37.1 55.7
130 1.4 2.6 3.8
166 36.6 25.8 38.6

Manual Integrations
APPROVED

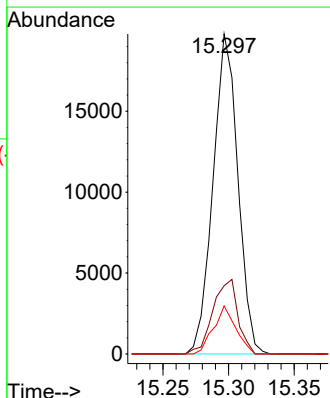
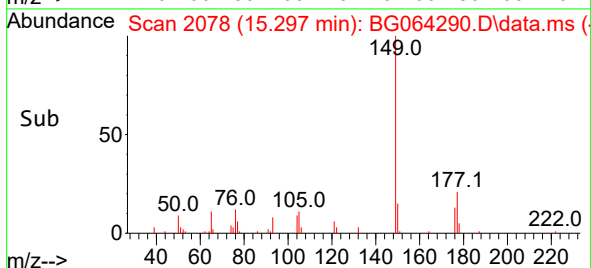
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

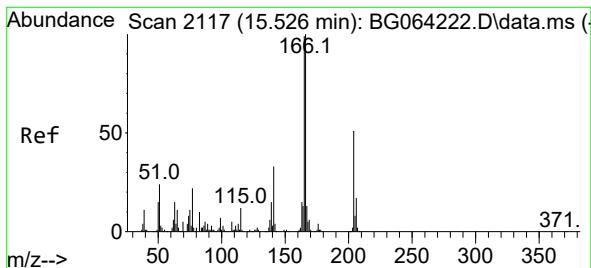


#60
Diethylphthalate
Concen: 3.803 ng
RT: 15.297 min Scan# 2078
Delta R.T. -0.018 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



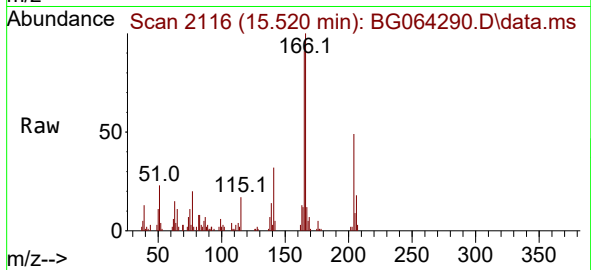
Tgt Ion:149 Resp: 25998
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 15.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 3.996 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

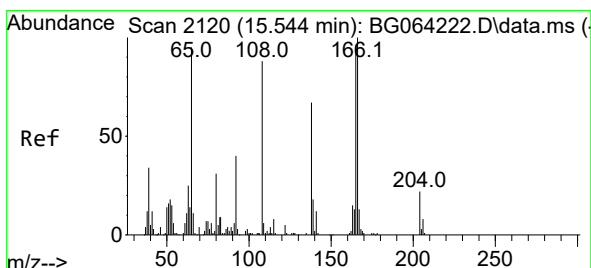
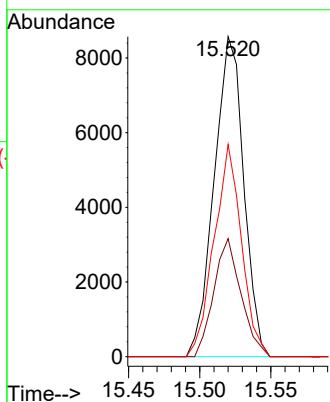
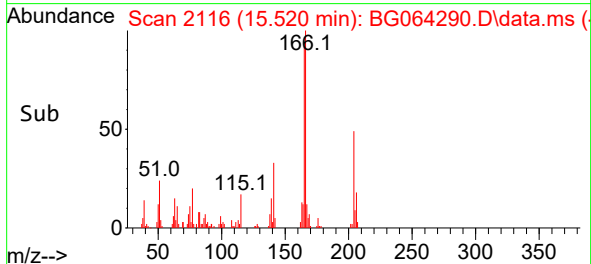
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:204 Resp: 1238
Ion Ratio Lower Upper
204 100
206 36.9 26.2 39.4
141 66.3 51.9 77.9

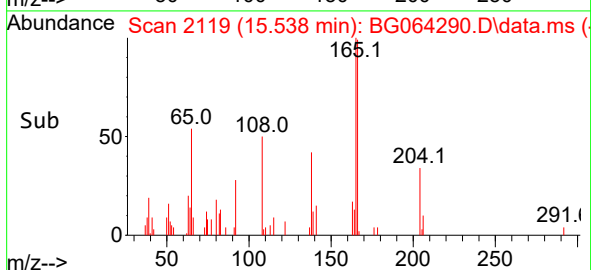
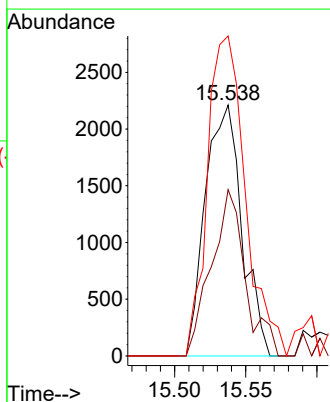
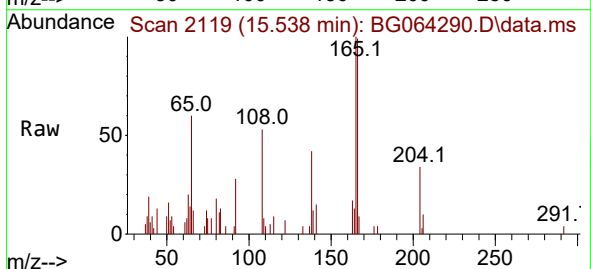
Manual Integrations
APPROVED

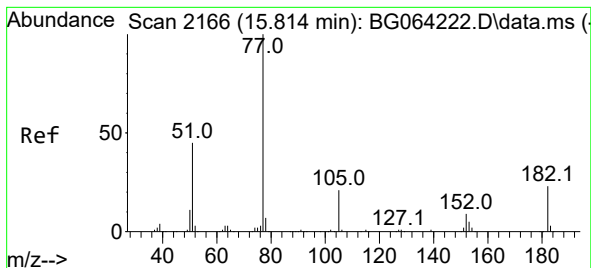
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#62
4-Nitroaniline
Concen: 2.998 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

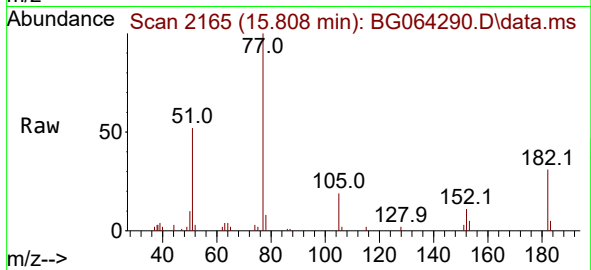
Tgt Ion:138 Resp: 3962
Ion Ratio Lower Upper
138 100
92 66.2 39.1 79.1
108 127.5 111.3 151.3





#63
Azobenzene
Concen: 3.650 ng
RT: 15.808 min Scan# 2165
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

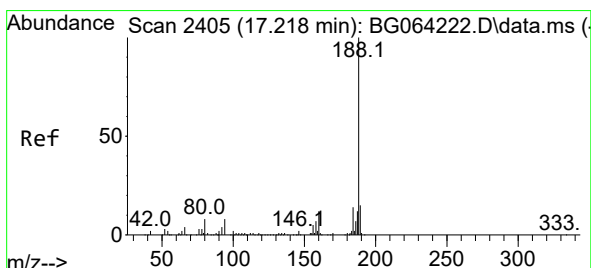
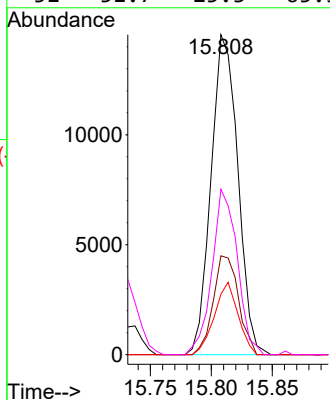
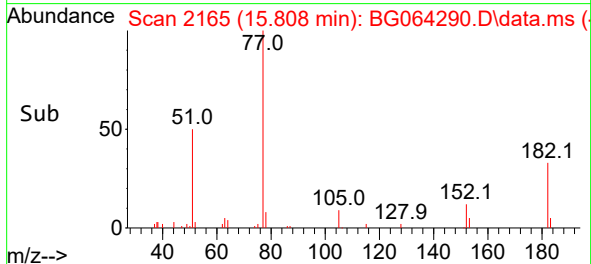
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



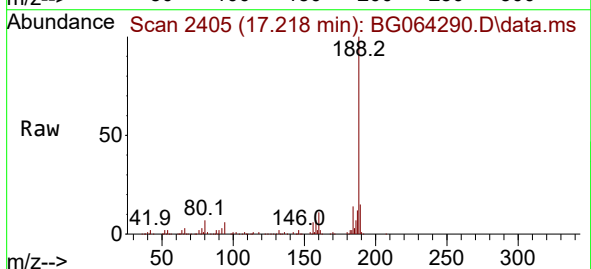
Tgt Ion: 77 Resp: 22239
Ion Ratio Lower Upper
77 100
182 30.9 3.3 43.3
105 18.9 0.6 40.6
51 51.7 25.3 65.3

Manual Integrations
APPROVED

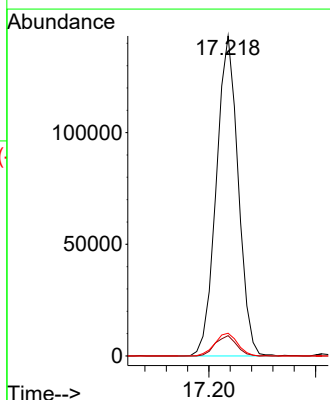
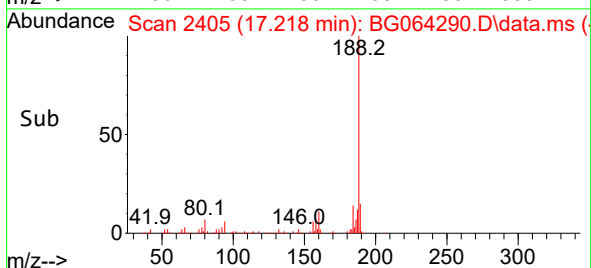
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

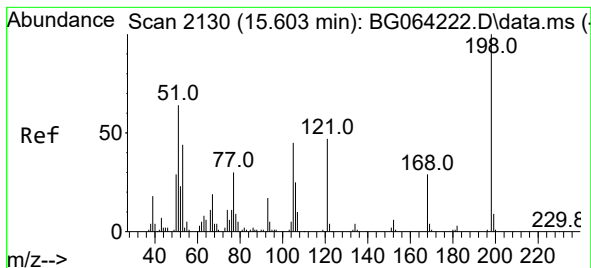


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



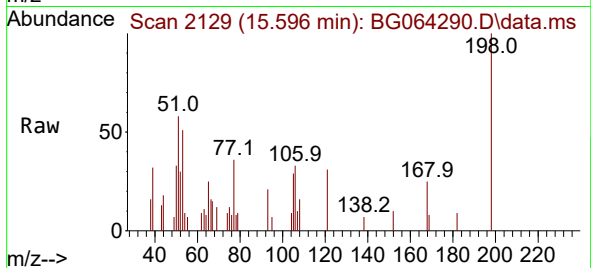
Tgt Ion:188 Resp: 203702
Ion Ratio Lower Upper
188 100
94 6.4 6.2 9.4
80 7.1 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 3.289 ng
RT: 15.596 min Scan# 2129
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

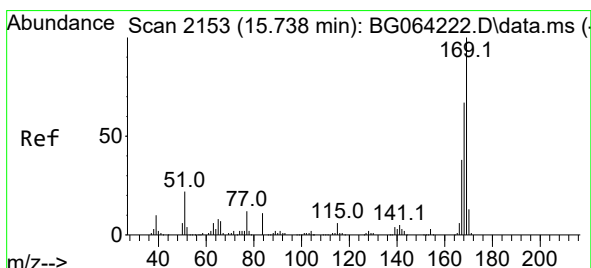
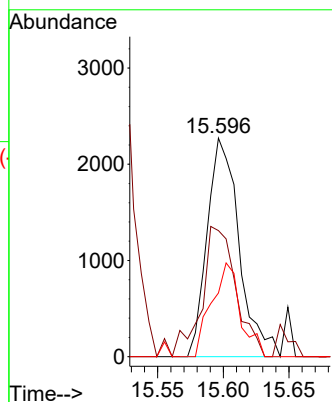
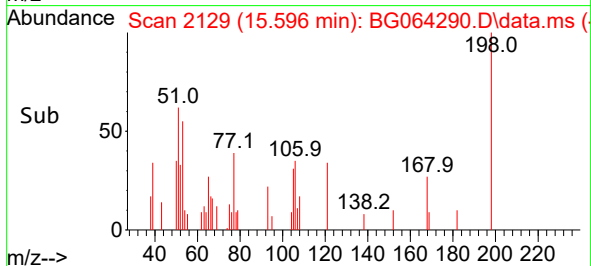
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



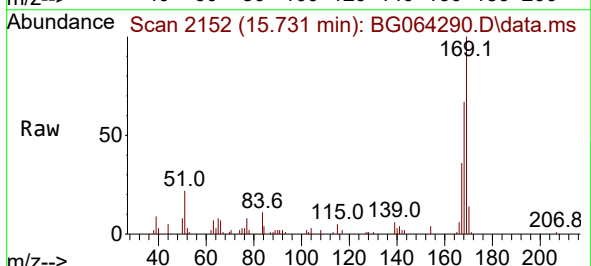
Tgt Ion:198 Resp: 3840
Ion Ratio Lower Upper
198 100
51 57.7 46.2 86.2
105 29.1 25.0 65.0

Manual Integrations
APPROVED

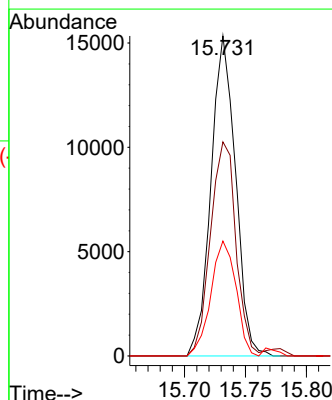
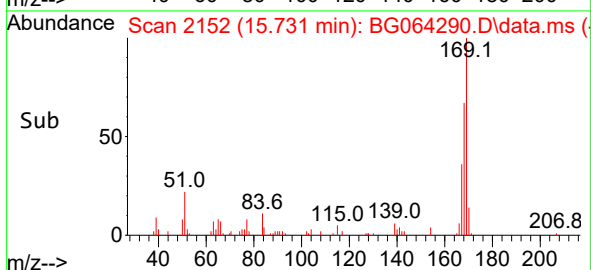
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

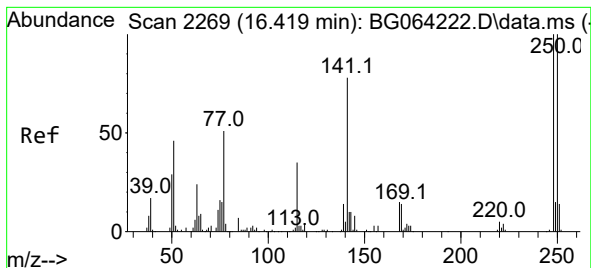


#66
n-Nitrosodiphenylamine
Concen: 3.832 ng
RT: 15.731 min Scan# 2152
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



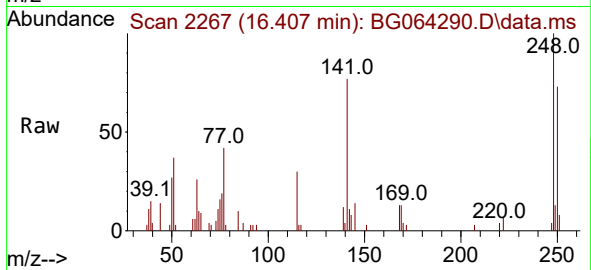
Tgt Ion:169 Resp: 21471
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 35.9 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 4.078 ng
RT: 16.407 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

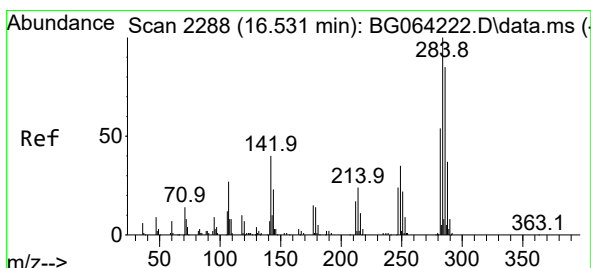
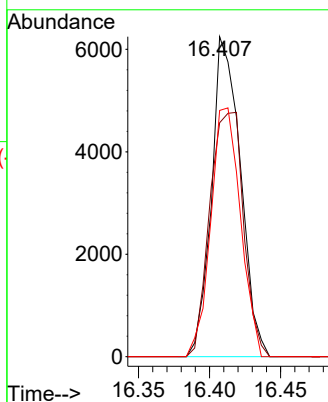
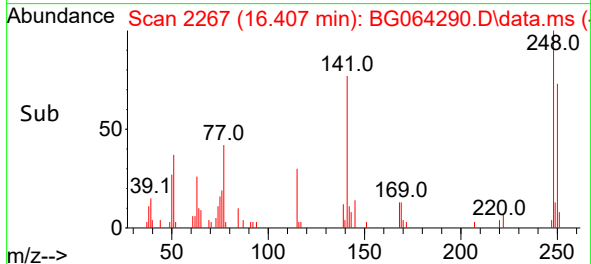
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



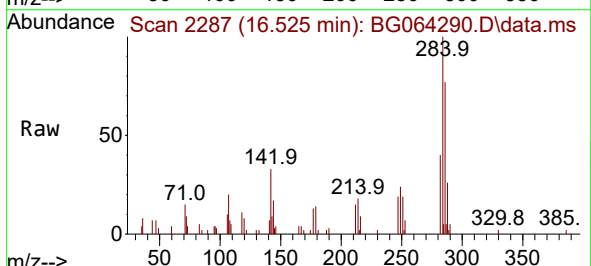
Tgt Ion:248 Resp: 8824
Ion Ratio Lower Upper
248 100
250 73.1 80.2 120.4
141 76.9 62.4 93.6

Manual Integrations
APPROVED

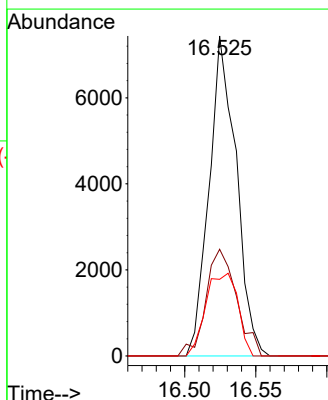
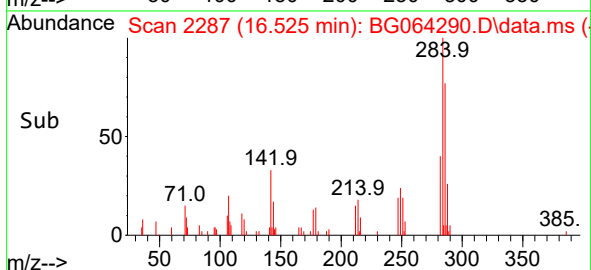
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

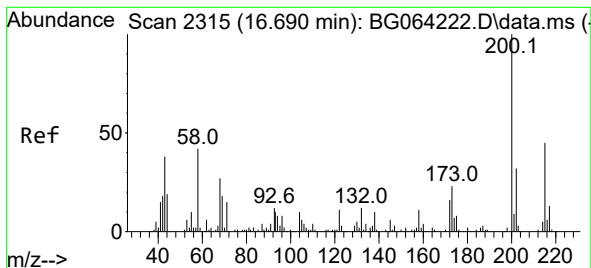


#68
Hexachlorobenzene
Concen: 4.091 ng
RT: 16.525 min Scan# 2287
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



Tgt Ion:284 Resp: 9830
Ion Ratio Lower Upper
284 100
142 33.3 32.1 48.1
249 23.9 28.3 42.5





#69

Atrazine

Concen: 4.138 ng

RT: 16.677 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025

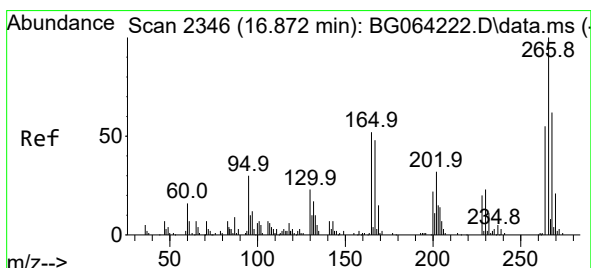
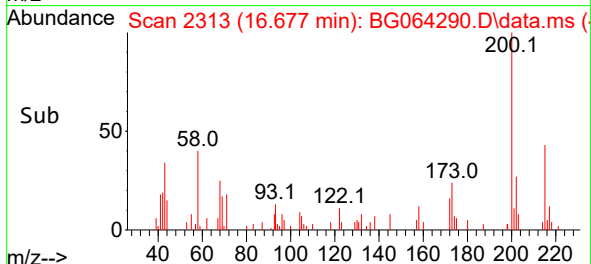
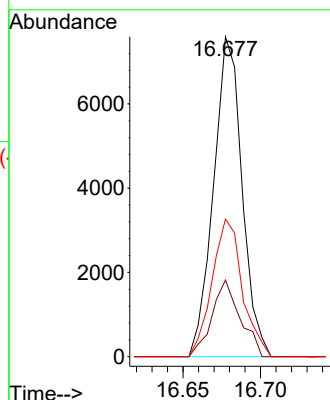
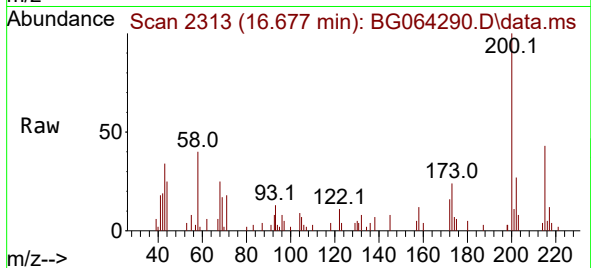
Tgt Ion:200 Resp: 968
 Ion Ratio Lower Upper
 200 100
 173 23.9 3.5 43.5
 215 43.0 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#70

Pentachlorophenol

Concen: 3.370 ng

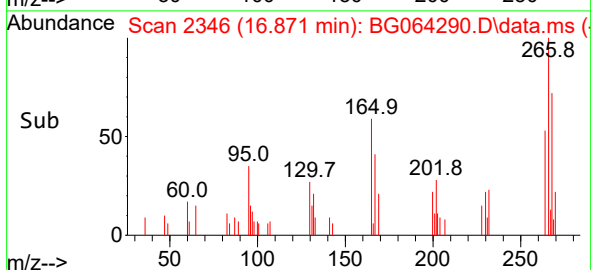
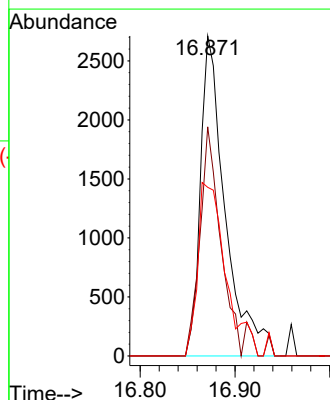
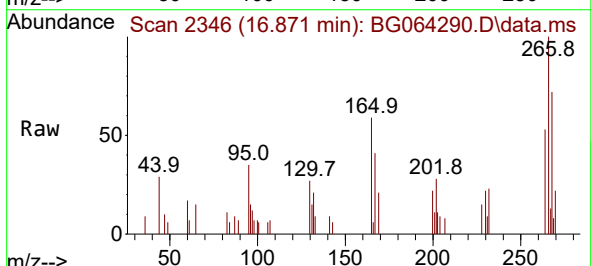
RT: 16.871 min Scan# 2346

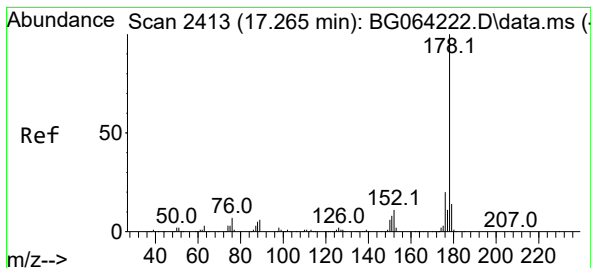
Delta R.T. -0.007 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion:266 Resp: 4910
 Ion Ratio Lower Upper
 266 100
 268 79.7 49.4 74.0#
 264 52.7 44.3 66.5





#71

Phenanthrene

Concen: 3.951 ng

RT: 17.259 min Scan# 2412

Delta R.T. -0.007 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025

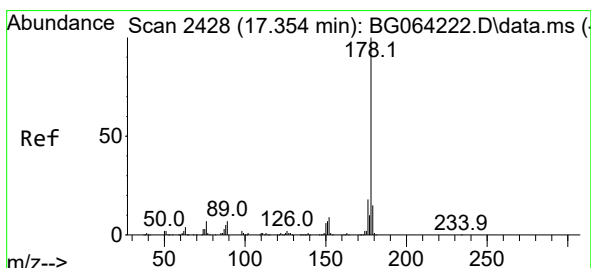
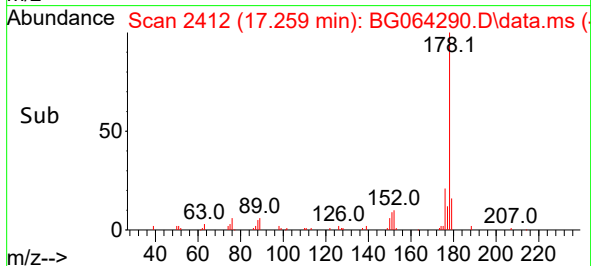
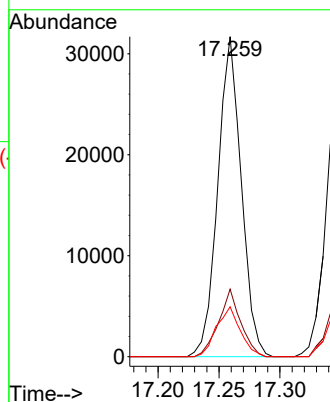
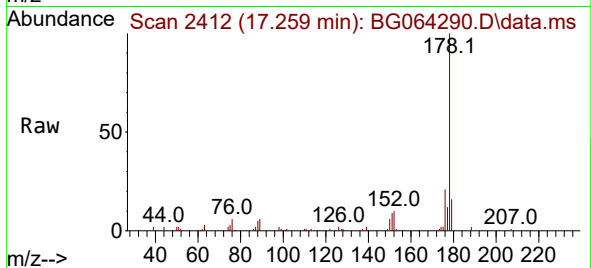
Tgt Ion:178 Resp: 42452
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.9 23.9
 179 15.6 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#72

Anthracene

Concen: 3.789 ng

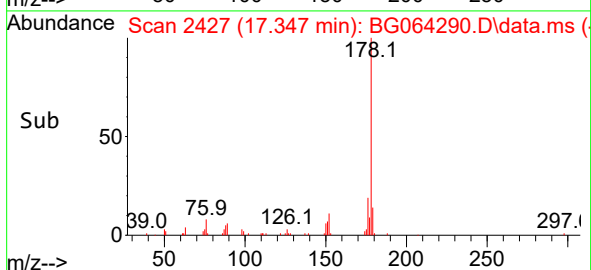
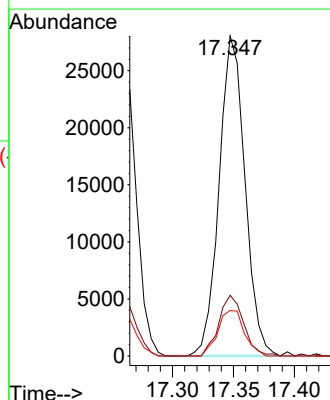
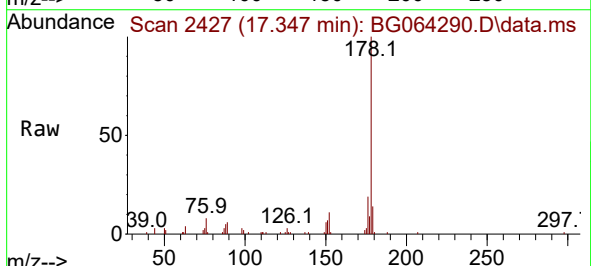
RT: 17.347 min Scan# 2427

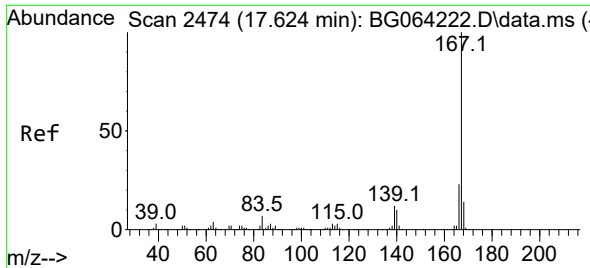
Delta R.T. -0.013 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

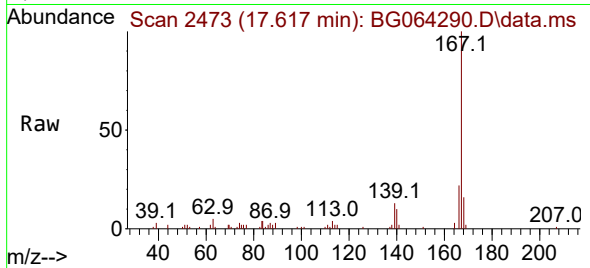
Tgt Ion:178 Resp: 41406
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.7 22.1
 179 14.2 12.1 18.1





#73
Carbazole
Concen: 3.896 ng
RT: 17.617 min Scan# 2473
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

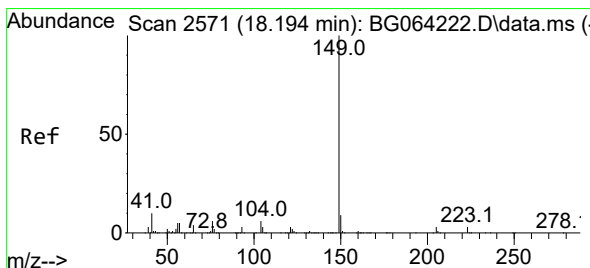
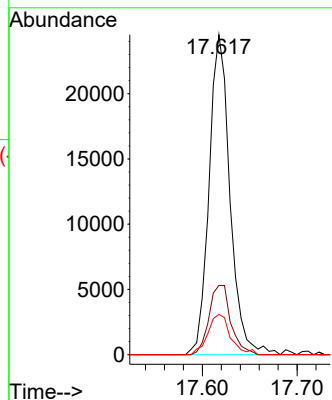
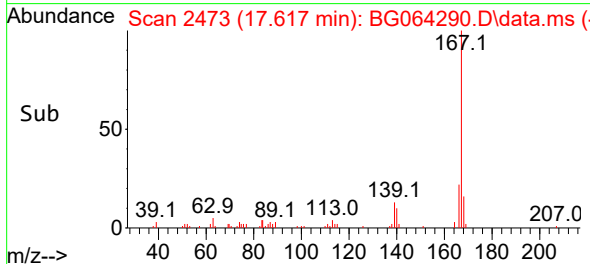
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2025



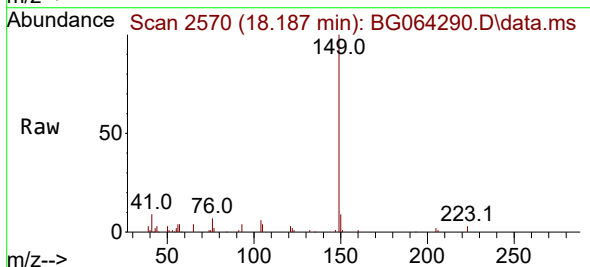
Tgt Ion:167 Resp: 3750
Ion Ratio Lower Upper
167 100
166 21.7 18.2 27.2
139 12.6 9.8 14.6

Manual Integrations
APPROVED

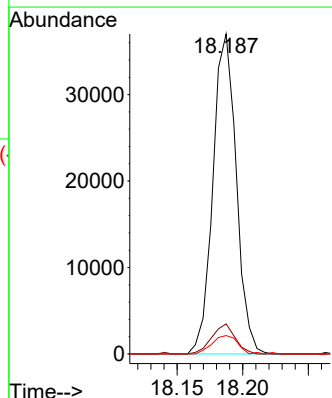
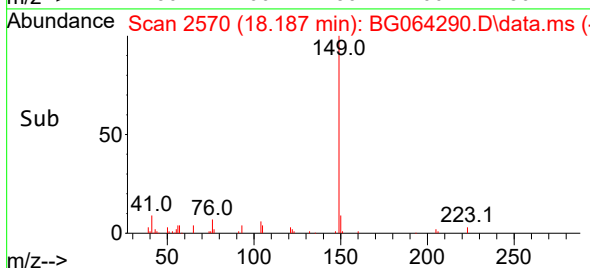
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

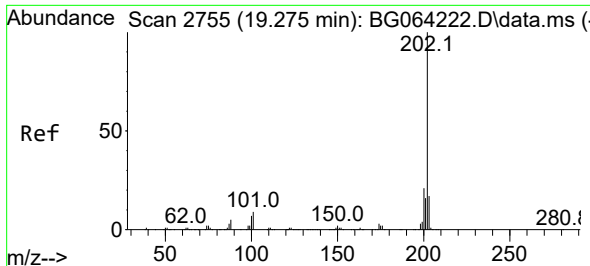


#74
Di-n-butylphthalate
Concen: 3.962 ng
RT: 18.187 min Scan# 2570
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04



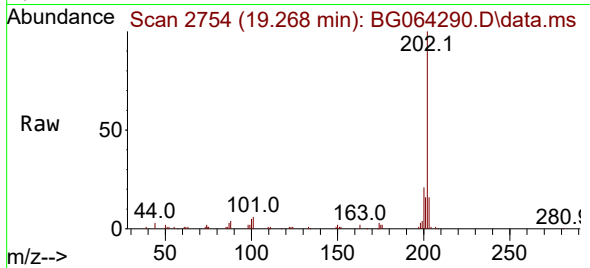
Tgt Ion:149 Resp: 45828
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.8 4.6 7.0





#75
Fluoranthene
Concen: 4.045 ng
RT: 19.268 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

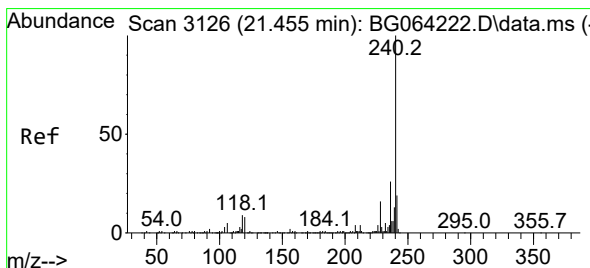
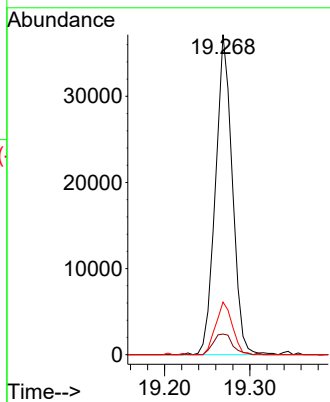
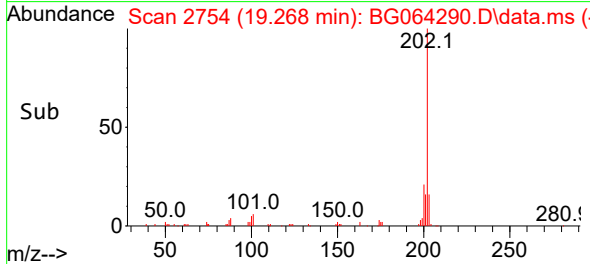
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:202 Resp: 51098
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.7
203 16.4 0.0 36.9

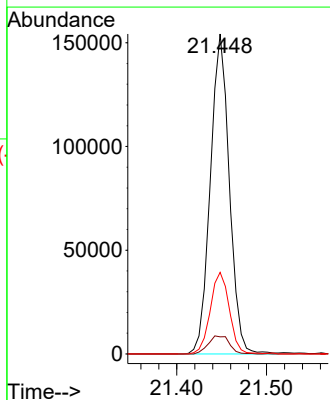
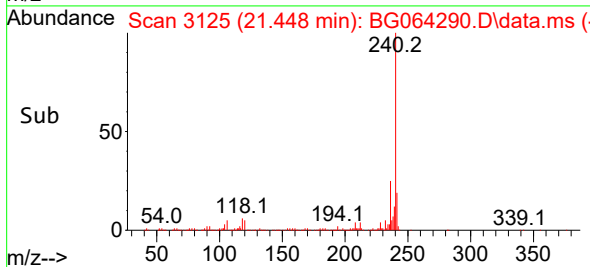
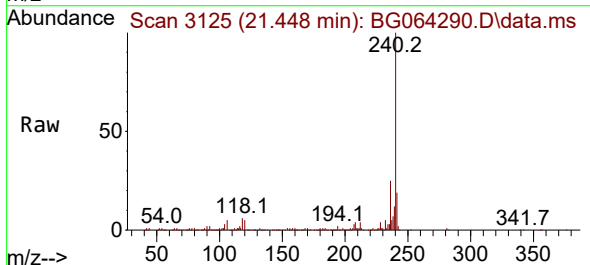
Manual Integrations
APPROVED

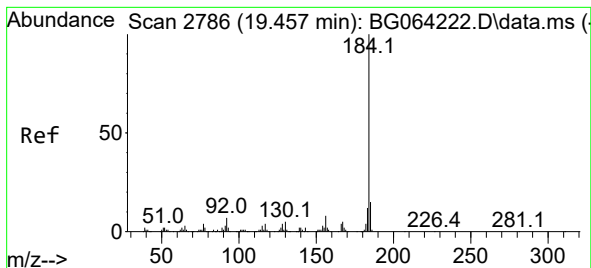
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

Tgt Ion:240 Resp: 226477
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 25.5 20.5 30.7





#77

Benzidine

Concen: 3.697 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025

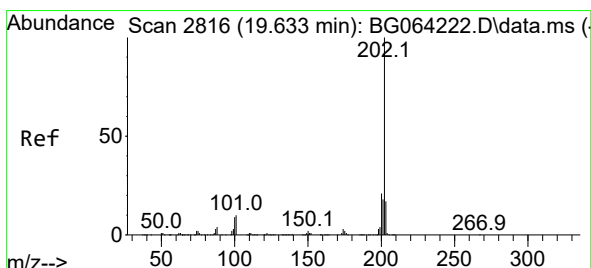
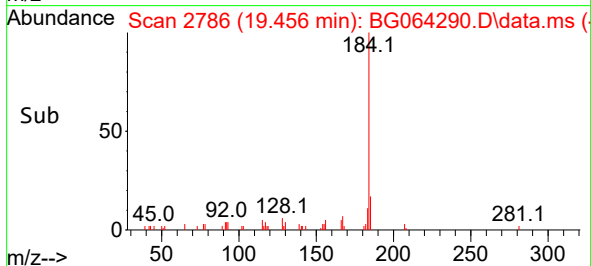
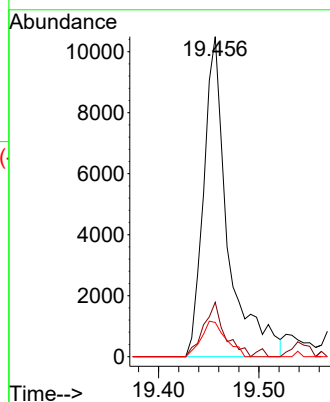
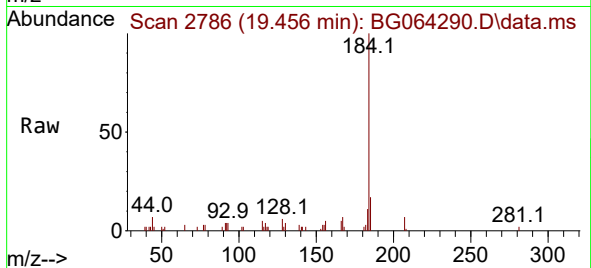
Tgt Ion:184	Resp:	1761
Ion Ratio	Lower	Upper
184	100	
185	17.0	11.7 17.5
183	10.7	9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#78

Pyrene

Concen: 3.709 ng

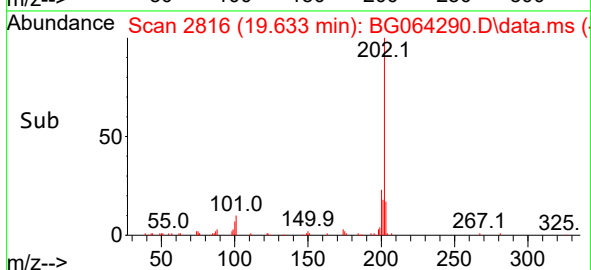
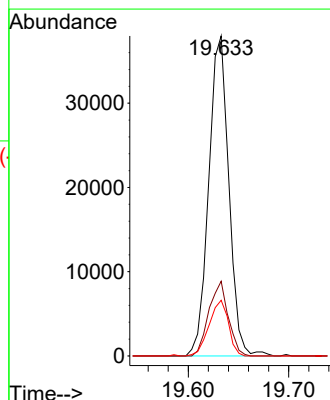
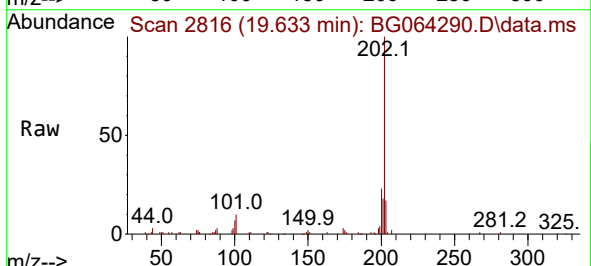
RT: 19.633 min Scan# 2816

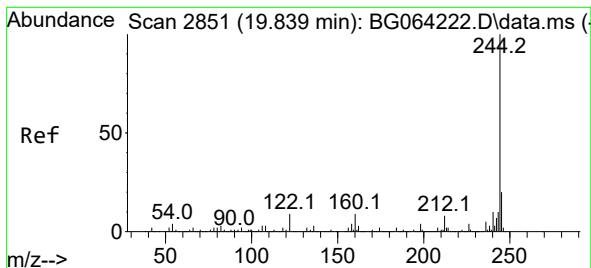
Delta R.T. -0.007 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion:202	Resp:	52916
Ion Ratio	Lower	Upper
202	100	
200	23.3	16.9 25.3
203	17.4	13.8 20.8





#79

Terphenyl-d14

Concen: 92.106 ng

RT: 19.838 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG064290.D

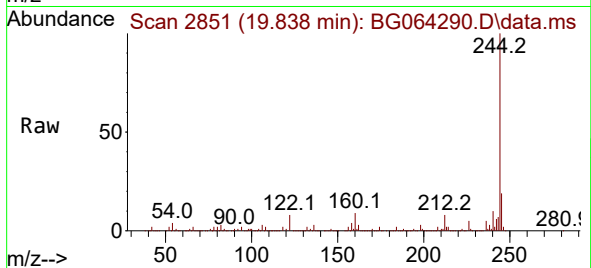
Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025



Tgt Ion:244 Resp: 999829

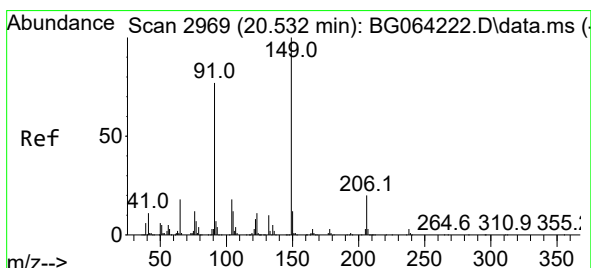
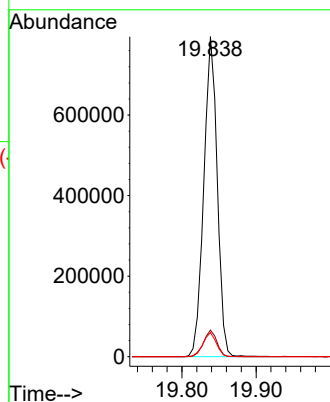
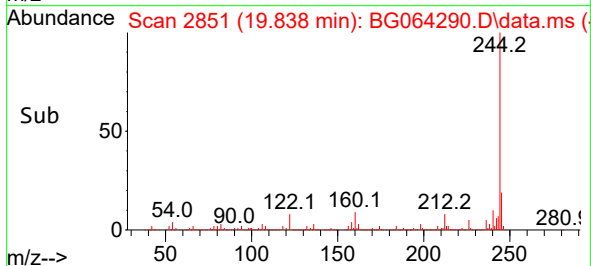
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	7.5	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#80

Butylbenzylphthalate

Concen: 3.828 ng

RT: 20.532 min Scan# 2969

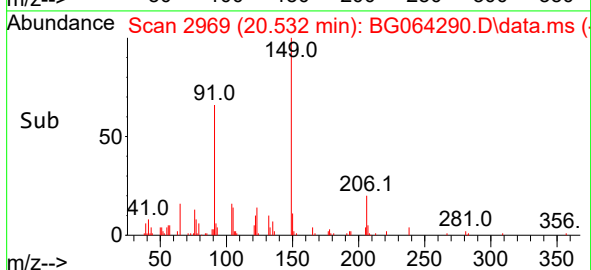
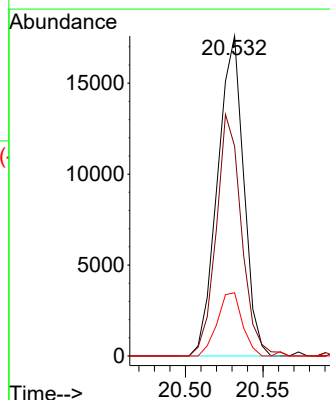
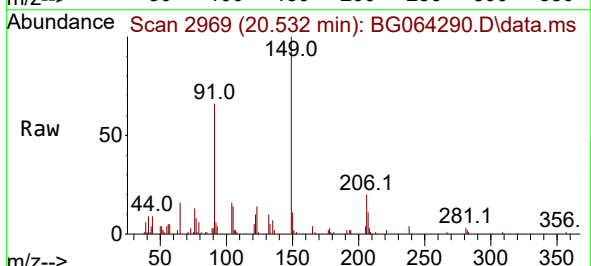
Delta R.T. -0.001 min

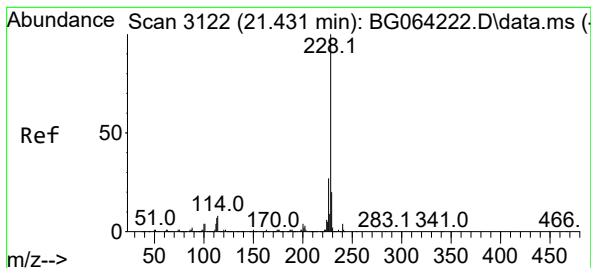
Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion:149 Resp: 20601

Ion	Ratio	Lower	Upper
149	100		
91	65.5	61.4	92.0
206	19.7	15.8	23.6





#81

Benzo(a)anthracene

Concen: 3.805 ng

RT: 21.431 min Scan# 3122

Delta R.T. -0.007 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025

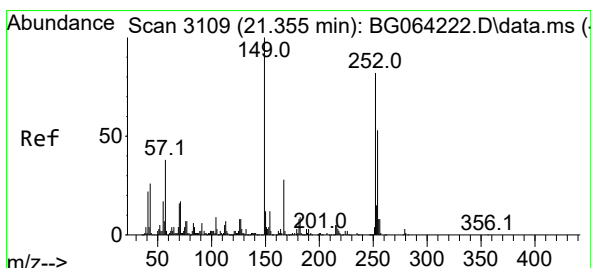
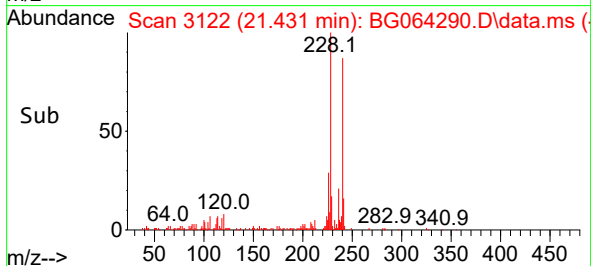
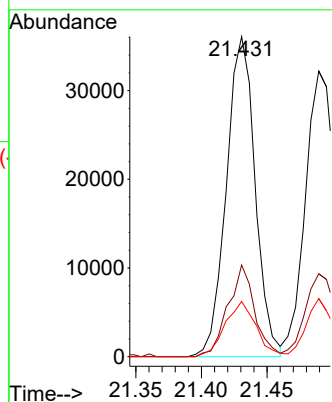
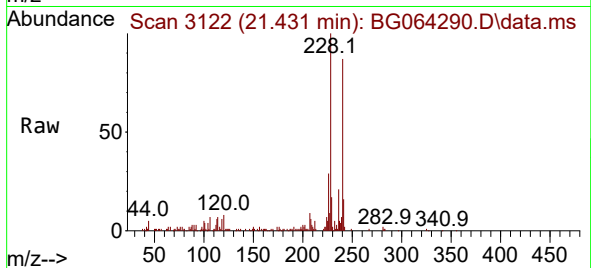
Tgt Ion:228	Resp:	55130
Ion Ratio	Lower	Upper
228	100	
226	28.7	21.7 32.5
229	17.2	15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#82

3,3'-Dichlorobenzidine

Concen: 4.025 ng

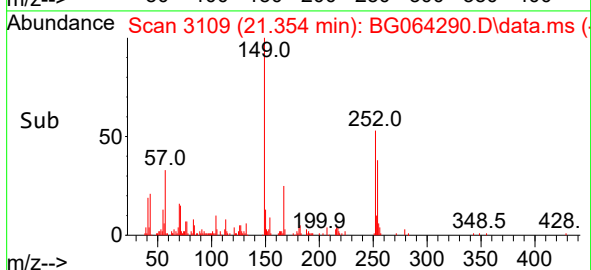
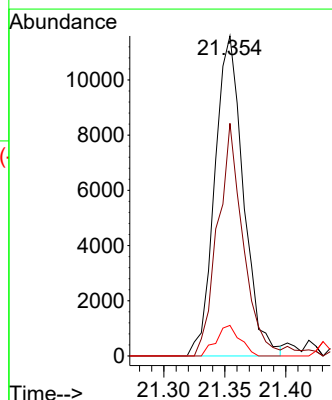
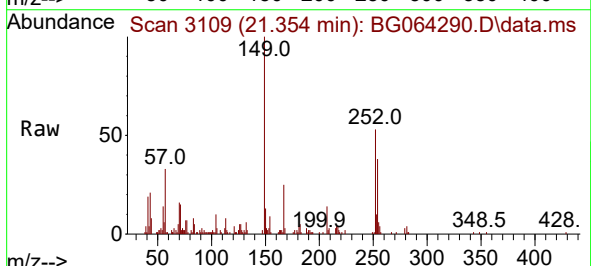
RT: 21.354 min Scan# 3109

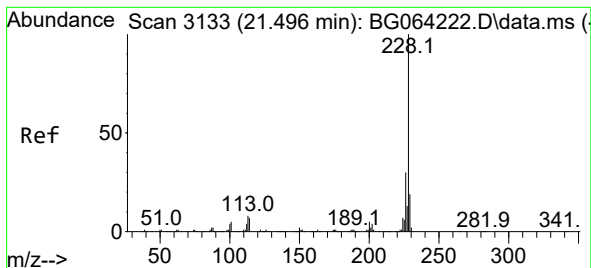
Delta R.T. -0.007 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion:252	Resp:	18994
Ion Ratio	Lower	Upper
252	100	
254	72.7	51.9 77.9
126	9.5	7.6 11.4





#83

Chrysene

Concen: 3.673 ng

RT: 21.489 min Scan# 3133

Delta R.T. -0.013 min

Lab File: BG064290.D

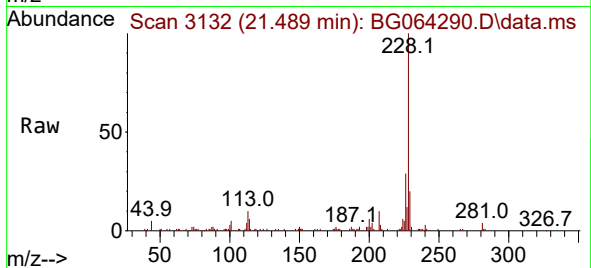
Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025



Tgt Ion:228 Resp: 51089

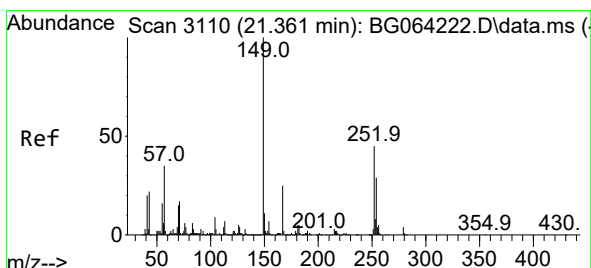
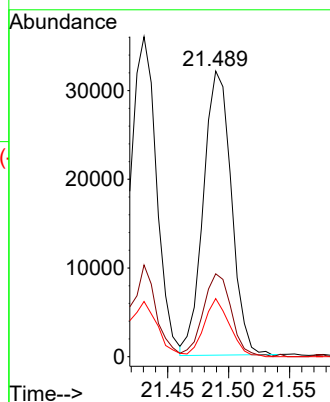
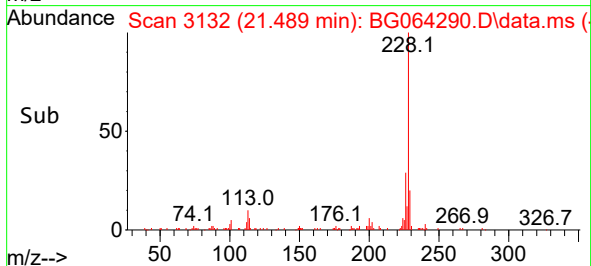
Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.2
229	20.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.829 ng

RT: 21.360 min Scan# 3110

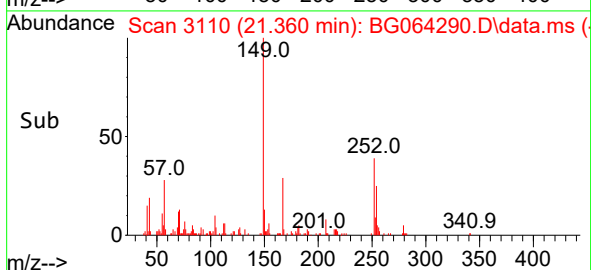
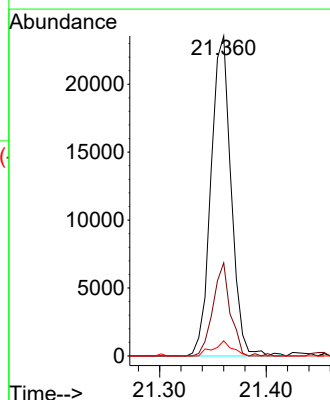
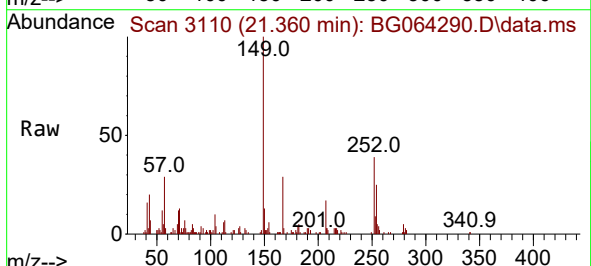
Delta R.T. -0.007 min

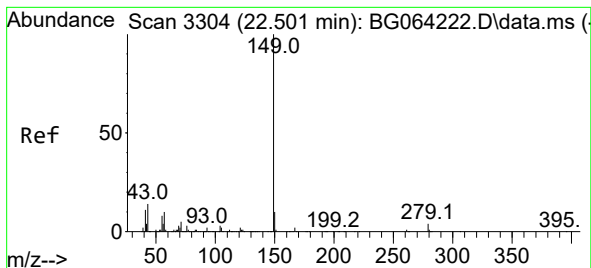
Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion:149 Resp: 30939

Ion	Ratio	Lower	Upper
149	100		
167	29.1	20.0	30.0
279	4.8	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 3.537 ng

RT: 22.494 min Scan# 3303

Delta R.T. -0.013 min

Lab File: BG064290.D

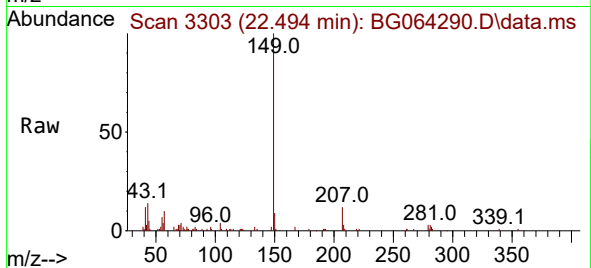
Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025



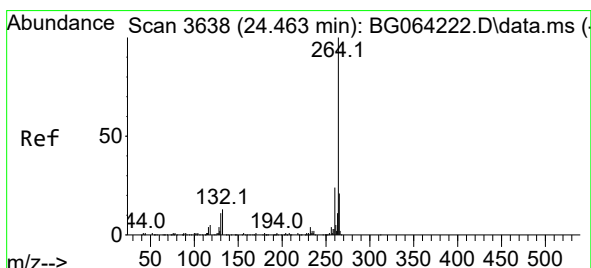
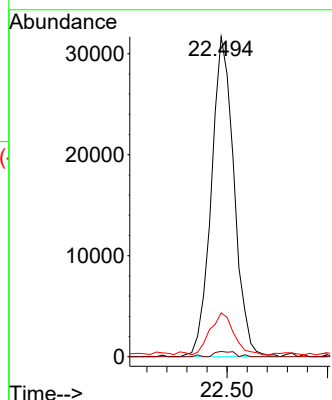
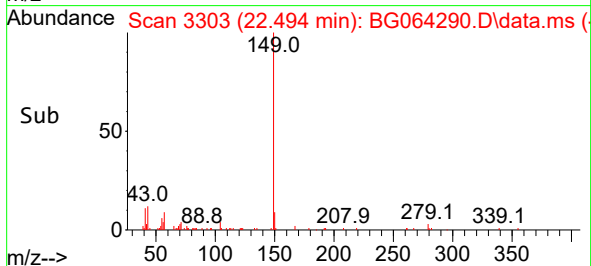
Tgt Ion:	149	Resp:	4979
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	13.9	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#86

Perylene-d12

Concen: 20.000 ng

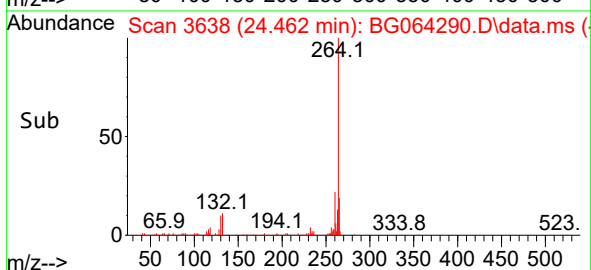
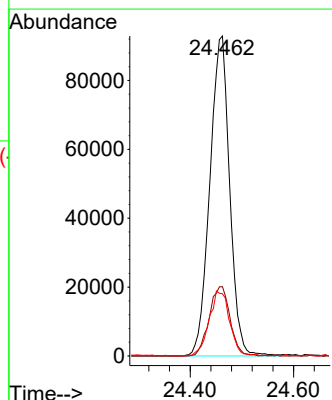
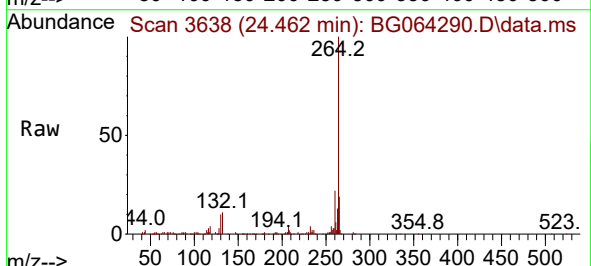
RT: 24.462 min Scan# 3638

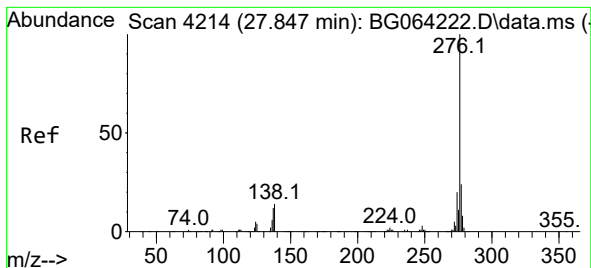
Delta R.T. -0.001 min

Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion:	264	Resp:	247058
Ion Ratio	Lower	Upper	
264	100		
260	21.7	18.9	28.3
265	19.5	16.7	25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.819 ng

RT: 27.835 min Scan# 4212

Delta R.T. -0.036 min

Lab File: BG064290.D

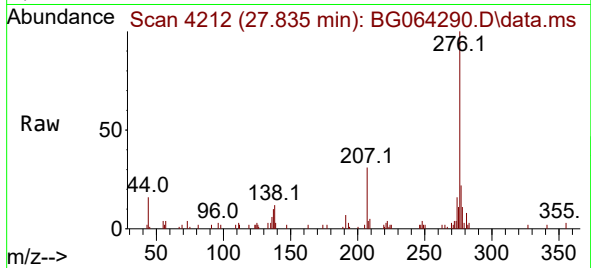
Acq: 5 Sep 2025 13:04

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2025



Tgt Ion: 276 Resp: 64439

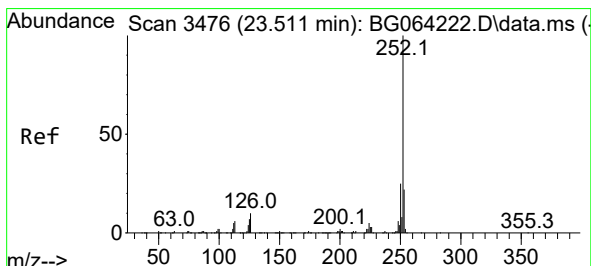
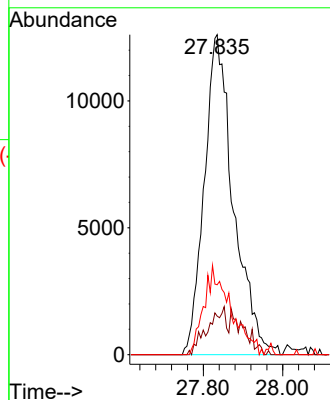
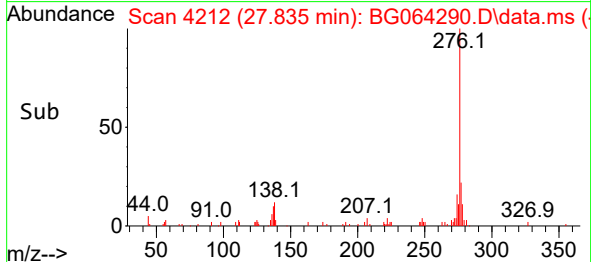
Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.4	11.0
277	25.6	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#88

Benzo(b)fluoranthene

Concen: 3.872 ng

RT: 23.505 min Scan# 3475

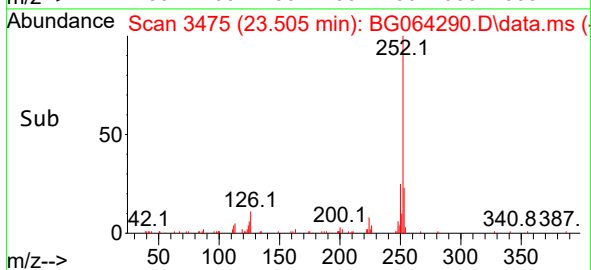
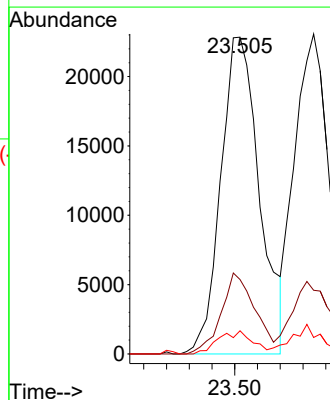
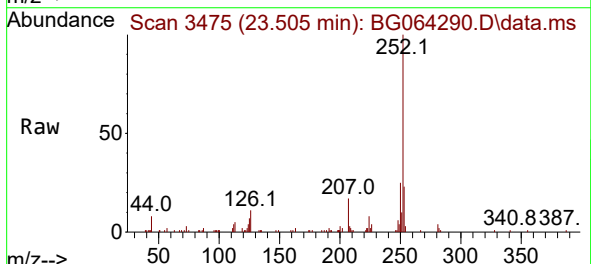
Delta R.T. -0.013 min

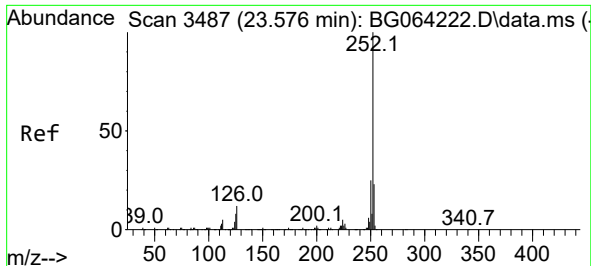
Lab File: BG064290.D

Acq: 5 Sep 2025 13:04

Tgt Ion: 252 Resp: 53988

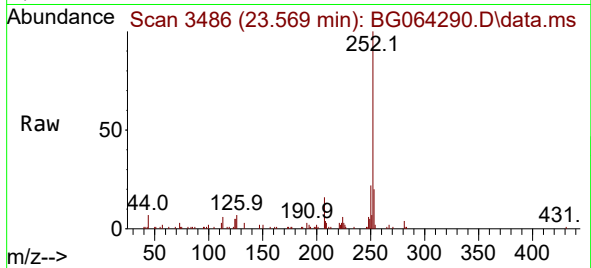
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	7.3	5.9	8.9





#89
Benzo(k)fluoranthene
Concen: 3.519 ng m
RT: 23.569 min Scan# 3487
Delta R.T. -0.018 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

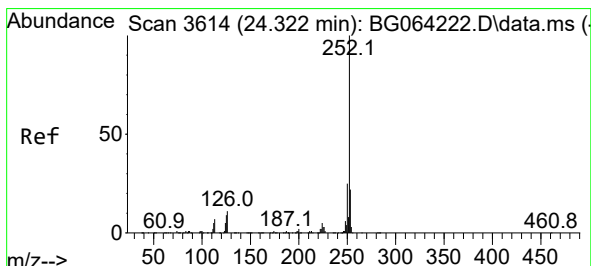
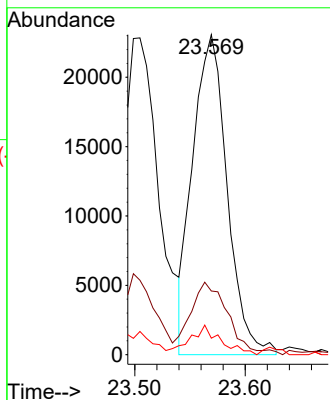
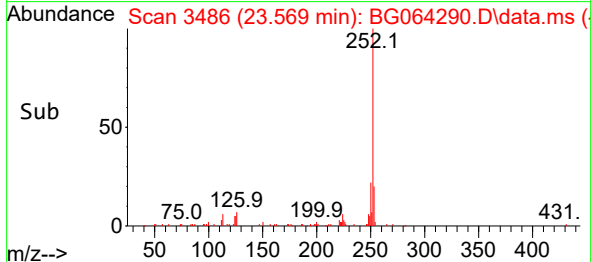
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:252 Resp: 4998
Ion Ratio Lower Upper
252 100
253 19.9 18.2 27.4
125 5.2 7.0 10.4

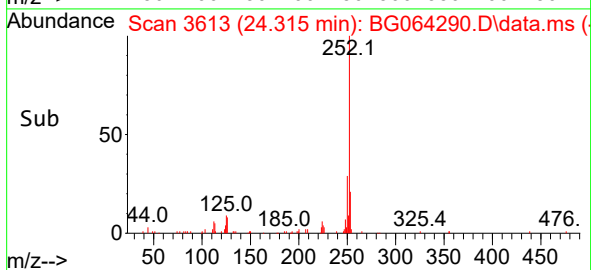
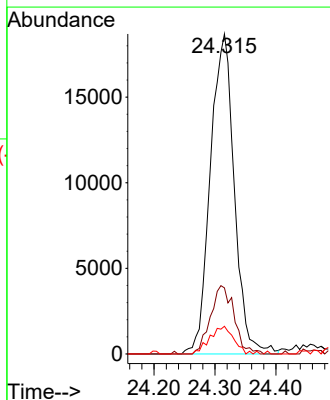
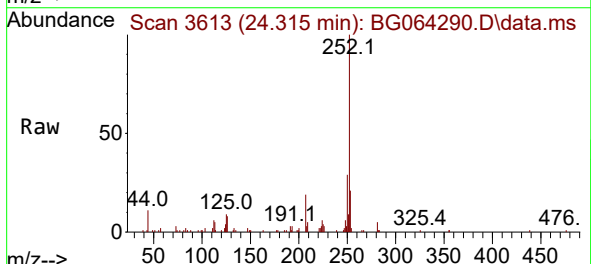
Manual Integrations
APPROVED

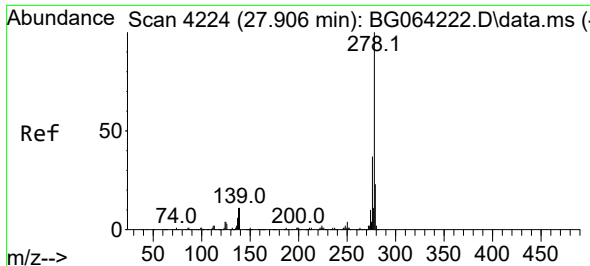
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#90
Benzo(a)pyrene
Concen: 3.940 ng
RT: 24.315 min Scan# 3613
Delta R.T. -0.013 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

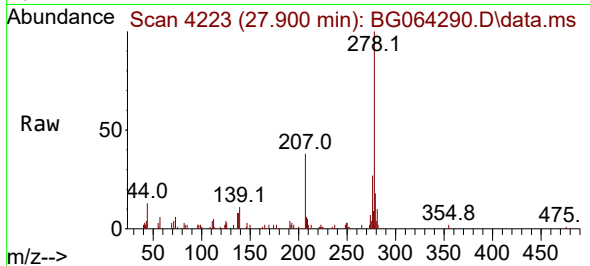
Tgt Ion:252 Resp: 51105
Ion Ratio Lower Upper
252 100
253 20.6 17.4 26.2
125 8.6 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 3.770 ng
RT: 27.900 min Scan# 41
Delta R.T. -0.024 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

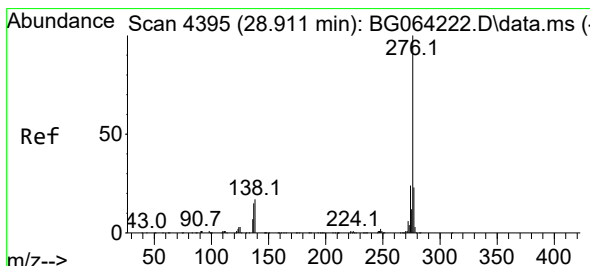
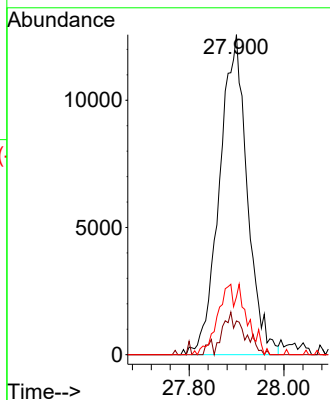
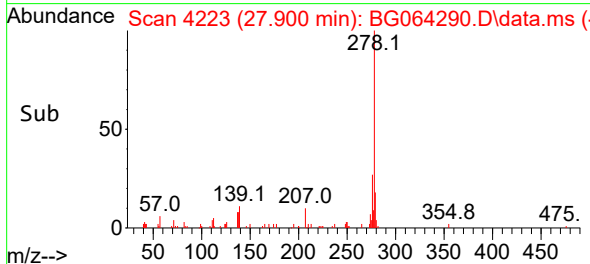
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:278 Resp: 5106
Ion Ratio Lower Upper
278 100
139 10.5 9.0 13.4
279 18.1 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#92
Benzo(g,h,i)perylene
Concen: 3.868 ng
RT: 28.898 min Scan# 4393
Delta R.T. -0.036 min
Lab File: BG064290.D
Acq: 5 Sep 2025 13:04

Tgt Ion:276 Resp: 50993
Ion Ratio Lower Upper
276 100
277 21.4 18.2 27.4
138 15.3 13.3 19.9

