

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064260.D
 Acq On : 3 Sep 2025 19:11
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Sep 04 01:13:44 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 09/04/2025
 Supervised By :Jagrut Upadhyay 09/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	20093	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	92592	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	65744	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	131776	20.000	ng	0.00
76) Chrysene-d12	21.444	240	129612	20.000	ng	-0.01
86) Perylene-d12	24.458	264	136108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	273132	243.878	ng	0.00
7) Phenol-d6	7.026	99	394228	256.221	ng	0.00
23) Nitrobenzene-d5	9.006	82	292654	176.272	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	196239	225.353	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	723805	168.043	ng	0.00
79) Terphenyl-d14	19.840	244	1054571	169.753	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.371	88	4723	10.118	ng	# 80
3) Pyridine	3.753	79	11780	8.573	ng	# 47
6) Aniline	7.184	93	20328	9.554	ng	94
8) 2-Chlorophenol	7.425	128	12980	9.484	ng	89
10) Phenol	7.055	94	16303	9.611	ng	91
11) bis(2-Chloroethyl)ether	7.278	93	11039	8.660	ng	90
12) 1,3-Dichlorobenzene	7.748	146	13893	9.542	ng	94
13) 1,4-Dichlorobenzene	7.889	146	13262m	9.026	ng	
14) 1,2-Dichlorobenzene	8.206	146	13220	9.322	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.389	45	24980	8.583	ng	96
17) 2-Methylphenol	8.295	107	10647	8.422	ng	# 90
18) Hexachloroethane	8.929	117	5364	9.352	ng	88
22) Acetophenone	8.671	105	21573	9.209	ng	# 99
24) Nitrobenzene	9.053	77	16557	9.545	ng	98
25) Isophorone	9.570	82	30906	8.957	ng	# 97
26) 2-Nitrophenol	9.752	139	6718	8.963	ng	90
27) 2,4-Dimethylphenol	9.816	122	12824	9.745	ng	98
28) bis(2-Chloroethoxy)met...	10.051	93	17670	9.497	ng	# 96
29) 2,4-Dichlorophenol	10.292	162	11935	8.596	ng	96
30) 1,2,4-Trichlorobenzene	10.504	180	14406	9.840	ng	# 91
31) Naphthalene	10.692	128	42395	8.830	ng	# 94
33) 4-Chloroaniline	10.798	127	16926	9.095	ng	94
34) Hexachlorobutadiene	10.980	225	10147	9.376	ng	94
36) 4-Chloro-3-methylphenol	11.920	107	15669	8.698	ng	# 84
37) 2-Methylnaphthalene	12.302	142	27760	7.778	ng	91
38) 1-Methylnaphthalene	12.519	142	30449	8.638	ng	93
40) 1,2,4,5-Tetrachloroben...	12.672	216	17490	9.220	ng	97
43) 2,4,6-Trichlorophenol	12.913	196	10372	8.181	ng	93
44) 2,4,5-Trichlorophenol	12.983	196	12095	8.794	ng	90
46) 1,1'-Biphenyl	13.312	154	43787	9.144	ng	91
47) 2-Chloronaphthalene	13.353	162	32871	9.131	ng	94
48) 2-Nitroaniline	13.553	65	9375	7.641	ng	90
49) Acenaphthylene	14.199	152	52465	9.859	ng	98
50) Dimethylphthalate	13.929	163	38893	7.816	ng	# 95
51) 2,6-Dinitrotoluene	14.047	165	7790	8.086	ng	89
52) Acenaphthene	14.540	154	31421	8.367	ng	92

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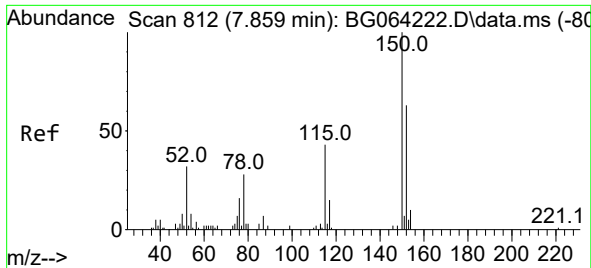
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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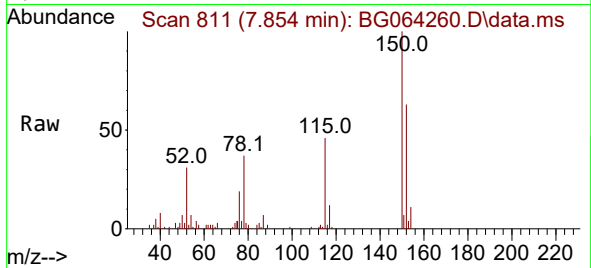
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 3-Nitroaniline	14.376	138	7550	7.482	ng	96
55) Dibenzofuran	14.875	168	51887	8.784	ng	94
57) 2,4-Dinitrotoluene	14.834	165	11225	7.706	ng	# 93
58) Fluorene	15.527	166	41879	8.650	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	10758	8.133	ng	# 96
60) Diethylphthalate	15.298	149	40412	7.588	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	21111	8.746	ng	98
62) 4-Nitroaniline	15.533	138	6583	6.393	ng	94
63) Azobenzene	15.815	77	39560	8.334	ng	92
66) n-Nitrosodiphenylamine	15.733	169	34358	9.478	ng	98
67) 4-Bromophenyl-phenylether	16.415	248	13143	9.390	ng	97
68) Hexachlorobenzene	16.526	284	14912	9.594	ng	# 92
69) Atrazine	16.679	200	11761	7.770	ng	94
71) Phenanthrene	17.261	178	61485	8.846	ng	98
72) Anthracene	17.349	178	59169	8.369	ng	97
73) Carbazole	17.619	167	50898	8.172	ng	98
74) Di-n-butylphthalate	18.189	149	60045	8.025	ng	99
75) Fluoranthene	19.270	202	66340	8.118	ng	99
78) Pyrene	19.628	202	71007	8.696	ng	98
80) Butylbenzylphthalate	20.527	149	29007	9.418	ng	96
81) Benzo(a)anthracene	21.426	228	74373	8.969	ng	99
83) Chrysene	21.491	228	72494	9.107	ng	98
84) Bis(2-ethylhexyl)phtha...	21.356	149	43529	9.414	ng	# 96
87) Indeno(1,2,3-cd)pyrene	27.819	276	82911	8.920	ng	94
88) Benzo(b)fluoranthene	23.500	252	70144m	9.131	ng	
89) Benzo(k)fluoranthene	23.571	252	67265	8.595	ng	95
90) Benzo(a)pyrene	24.311	252	66185	9.262	ng	99
91) Dibenzo(a,h)anthracene	27.883	278	64542	8.648	ng	95
92) Benzo(g,h,i)perylene	28.876	276	68303	9.406	ng	# 92

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

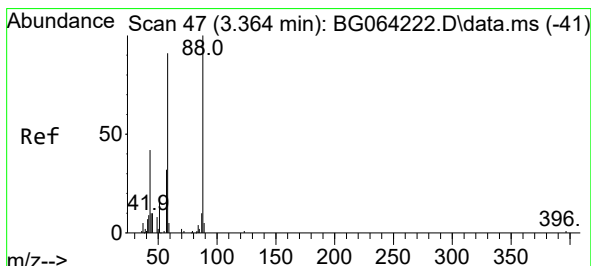
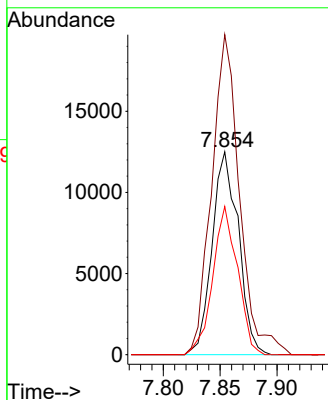
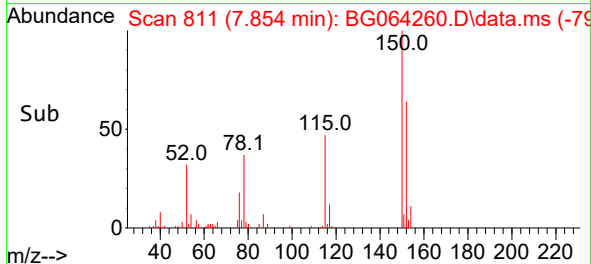
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:152 Resp: 2009
Ion Ratio Lower Upper
152 100
150 157.7 128.0 192.0
115 73.0 55.7 83.5

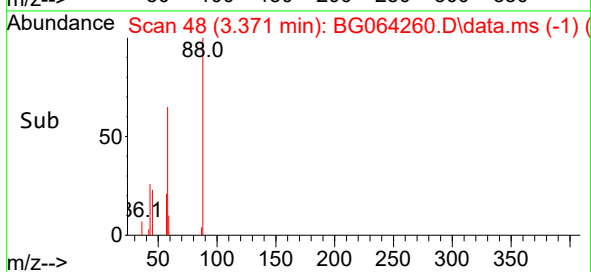
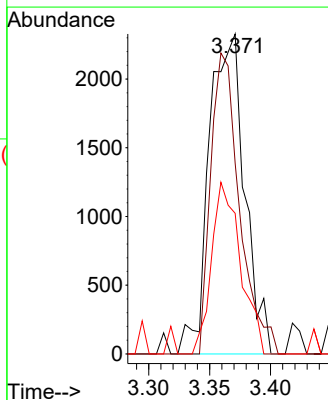
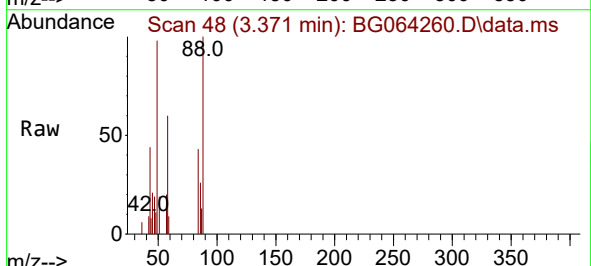
Manual Integrations
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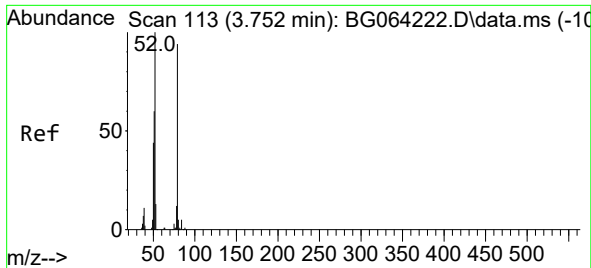
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#2
1,4-Dioxane
Concen: 10.118 ng
RT: 3.371 min Scan# 48
Delta R.T. 0.012 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

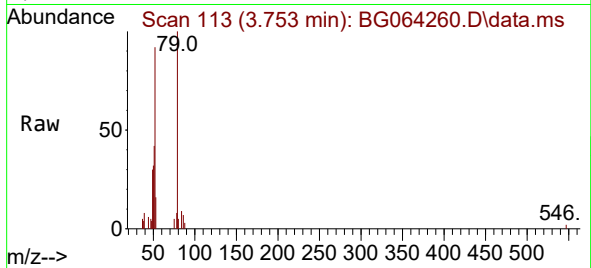
Tgt Ion: 88 Resp: 4723
Ion Ratio Lower Upper
88 100
58 76.3 80.8 121.2#
43 43.8 40.3 60.5





#3
Pyridine
Concen: 8.573 ng
RT: 3.753 min Scan# 113
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

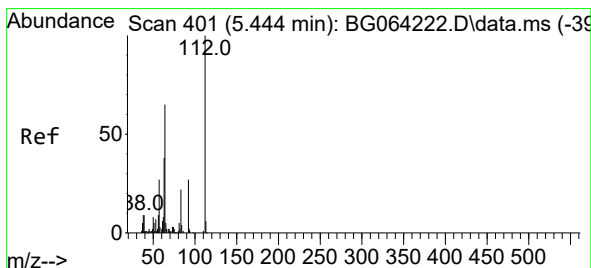
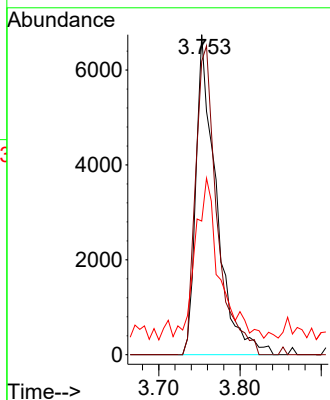
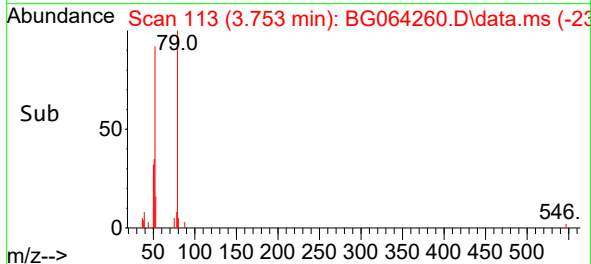
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 79 Resp: 11780
Ion Ratio Lower Upper
79 100
52 91.7 86.6 129.8
51 41.8 114.1 171.1

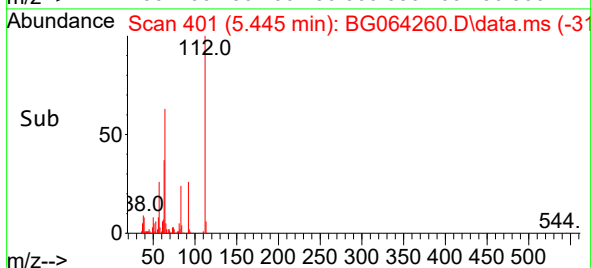
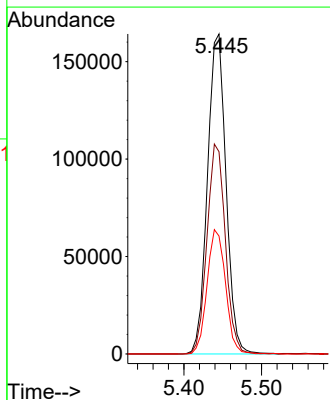
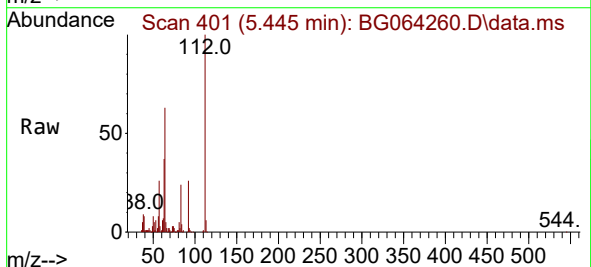
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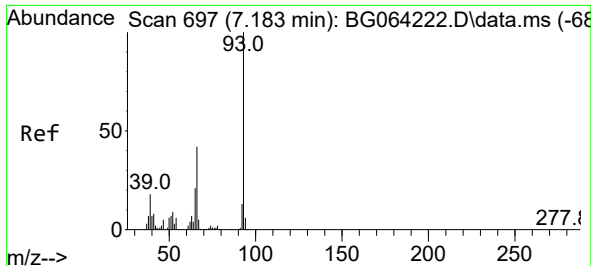
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#5
2-Fluorophenol
Concen: 243.878 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

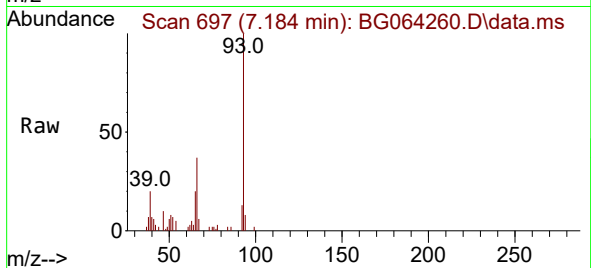
Tgt Ion:112 Resp: 273132
Ion Ratio Lower Upper
112 100
64 63.2 51.8 77.6
63 36.8 30.6 45.8





#6
Aniline
Concen: 9.554 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

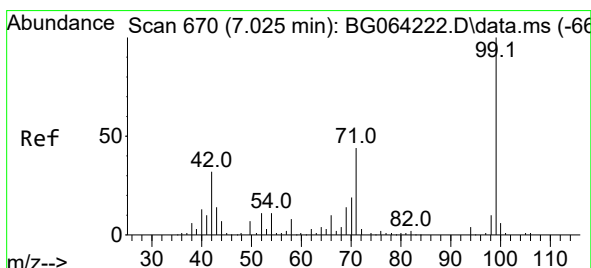
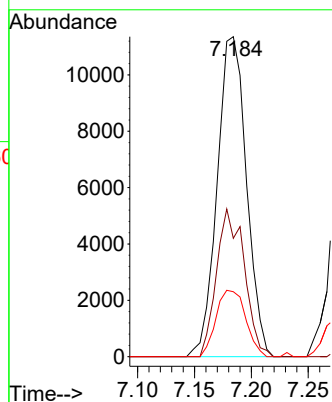
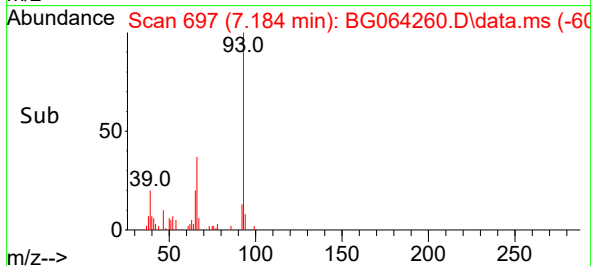
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion: 93 Resp: 20328
Ion Ratio Lower Upper
93 100
66 37.0 33.8 50.8
65 20.3 16.9 25.3

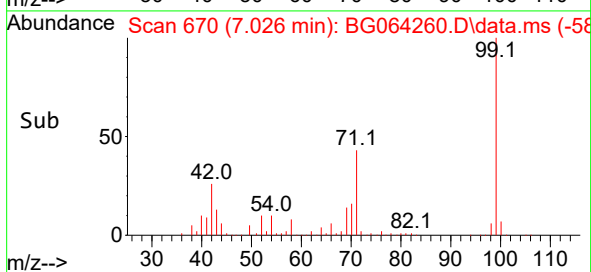
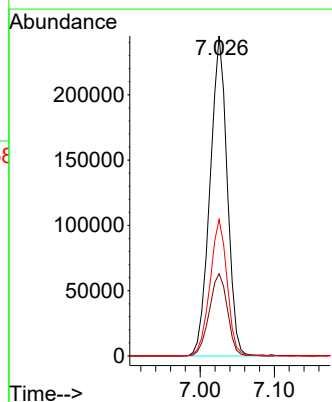
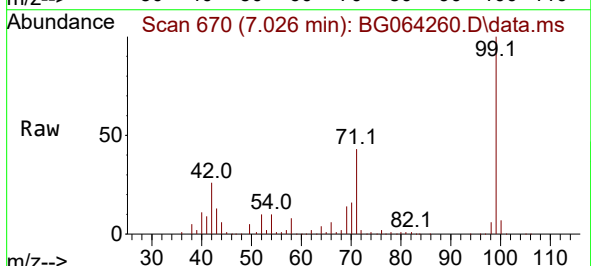
Manual Integrations
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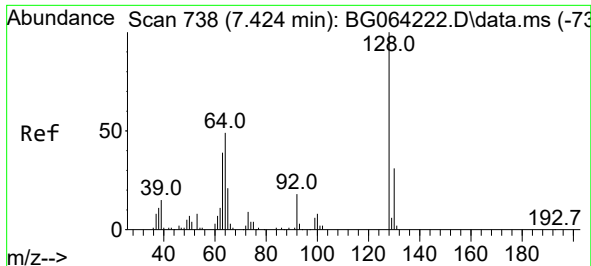
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#7
Phenol-d6
Concen: 256.221 ng
RT: 7.026 min Scan# 670
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion: 99 Resp: 394228
Ion Ratio Lower Upper
99 100
42 25.7 25.8 38.8#
71 42.6 35.2 52.8





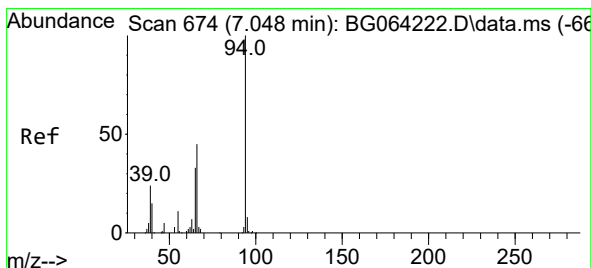
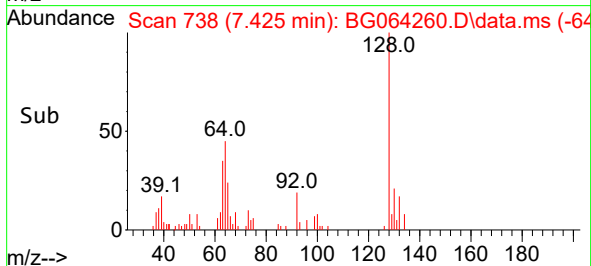
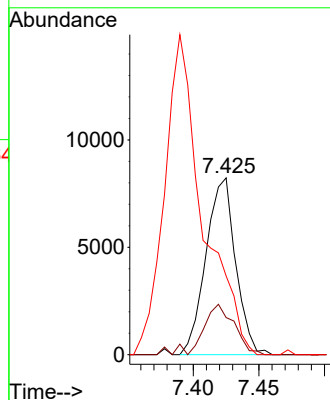
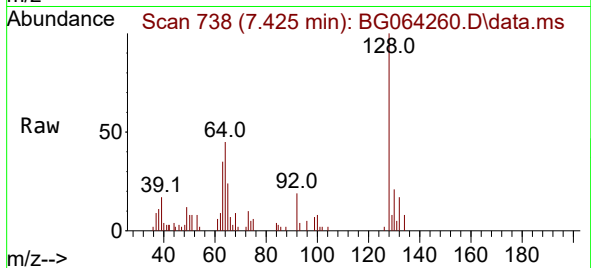
#8
2-Chlorophenol
Concen: 9.484 ng
RT: 7.425 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:128 Resp: 12980
Ion Ratio Lower Upper
128 100
130 21.0 10.9 50.9
64 44.6 28.7 68.7

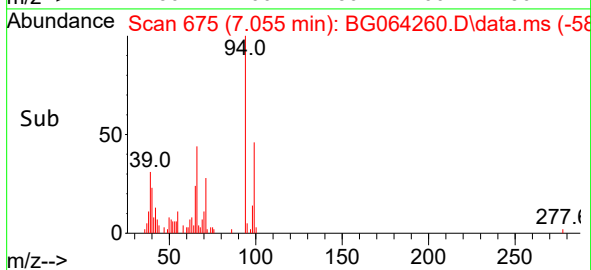
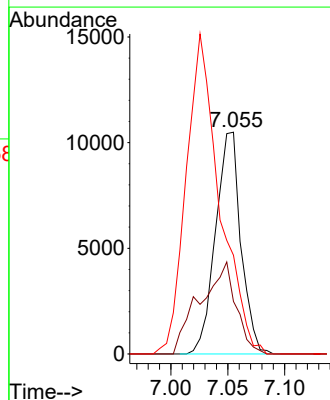
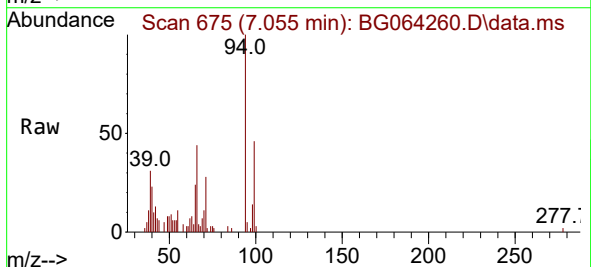
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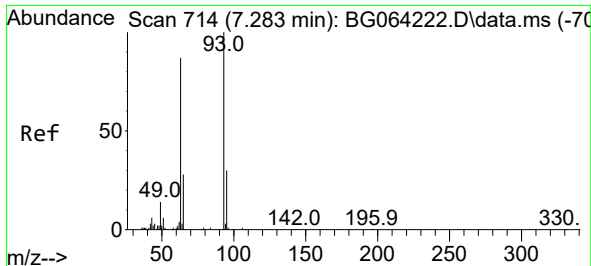
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#10
Phenol
Concen: 9.611 ng
RT: 7.055 min Scan# 675
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

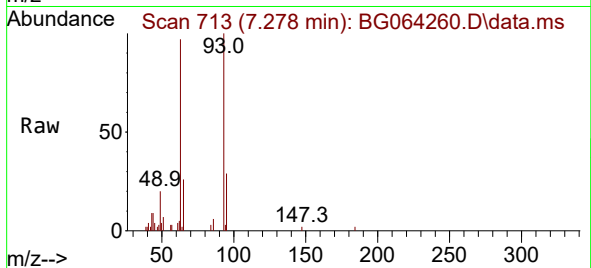
Tgt Ion: 94 Resp: 16303
Ion Ratio Lower Upper
94 100
65 23.7 13.5 53.5
66 44.5 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 8.660 ng
RT: 7.278 min Scan# 714
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

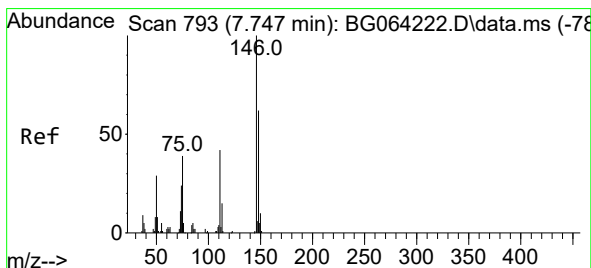
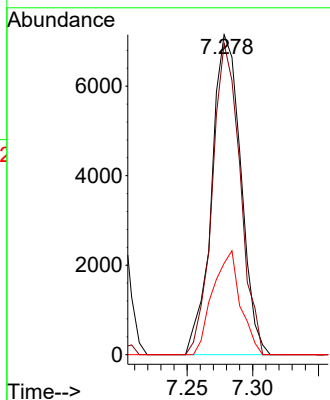
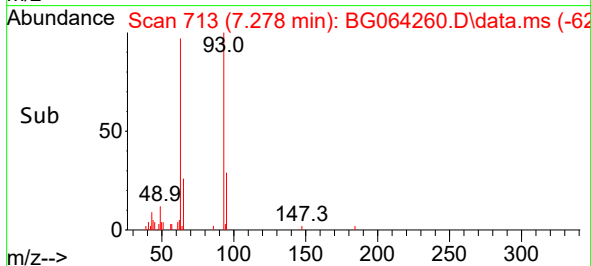
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 93 Resp: 11039
Ion Ratio Lower Upper
93 100
63 97.3 66.2 106.2
95 28.6 9.8 49.8

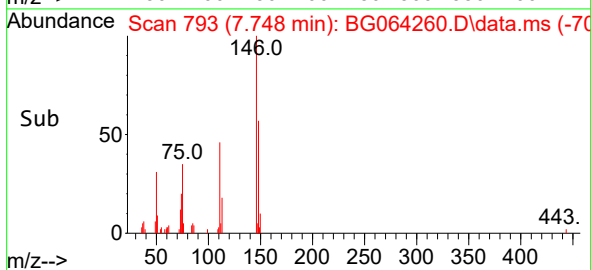
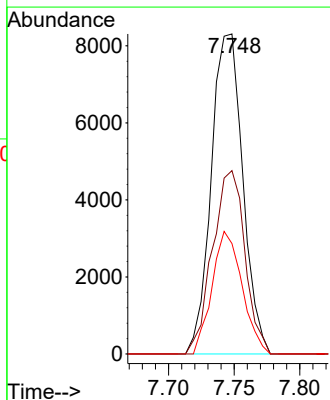
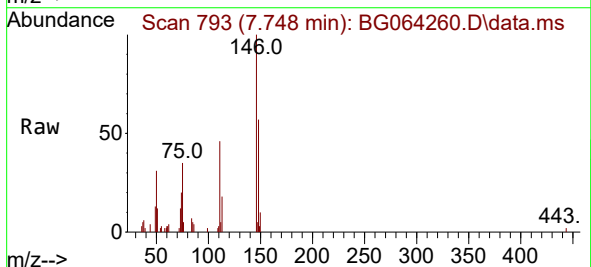
Manual Integrations
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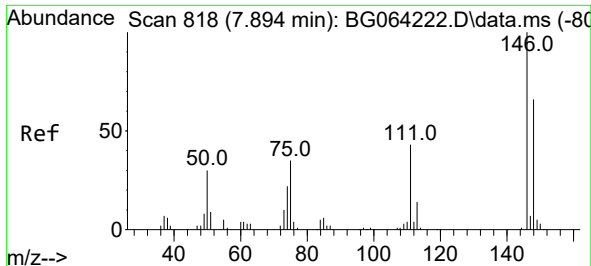
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#12
1,3-Dichlorobenzene
Concen: 9.542 ng
RT: 7.748 min Scan# 793
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:146 Resp: 13893
Ion Ratio Lower Upper
146 100
148 57.3 49.6 74.4
75 34.5 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 9.026 ng m

RT: 7.889 min Scan# 818

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:146 Resp: 1326

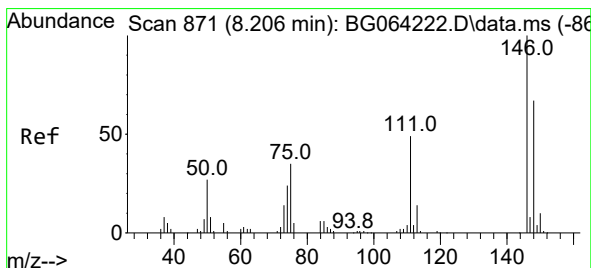
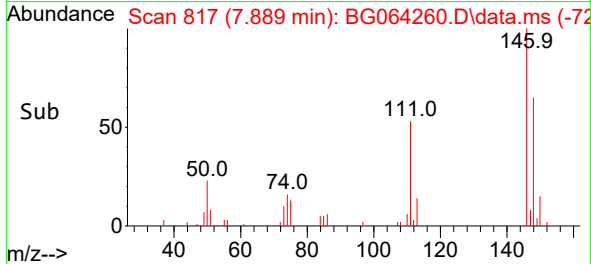
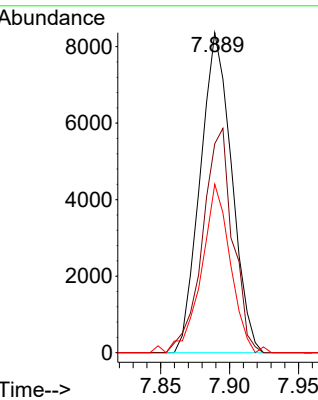
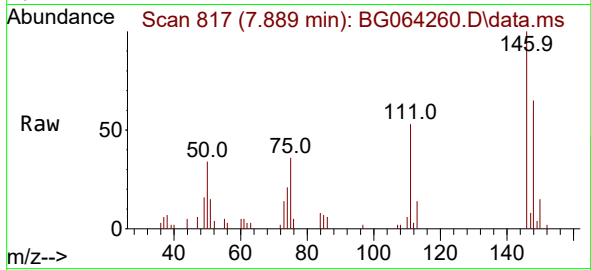
Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.8	79.2
111	52.7	34.1	51.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#14

1,2-Dichlorobenzene

Concen: 9.322 ng

RT: 8.206 min Scan# 871

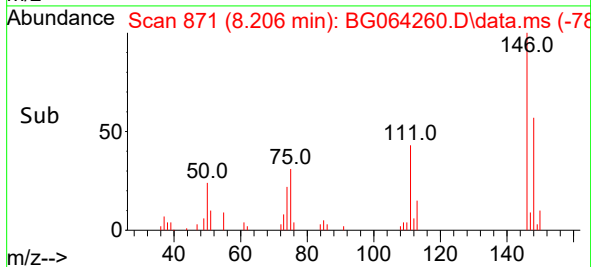
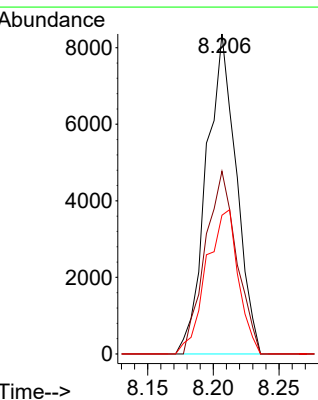
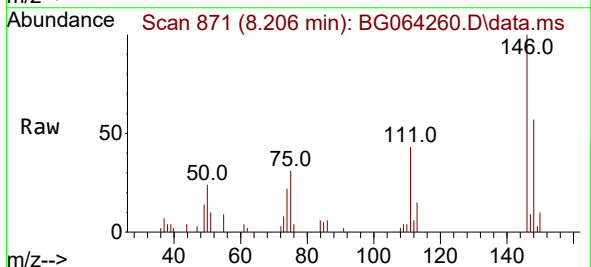
Delta R.T. -0.005 min

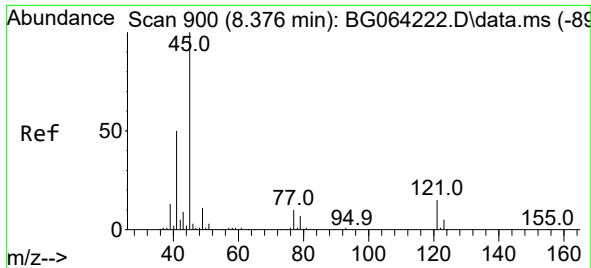
Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Tgt Ion:146 Resp: 13220

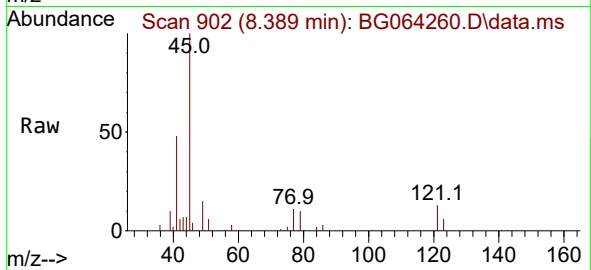
Ion	Ratio	Lower	Upper
146	100		
148	57.1	53.4	80.0
111	43.3	39.1	58.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.583 ng
RT: 8.389 min Scan# 900
Delta R.T. 0.012 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

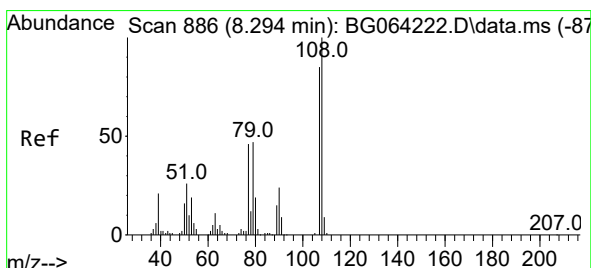
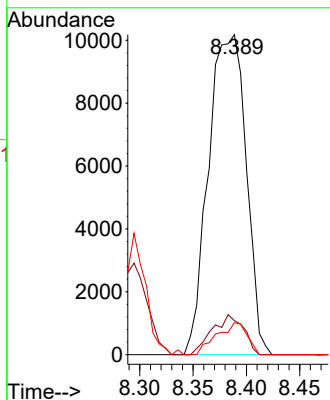
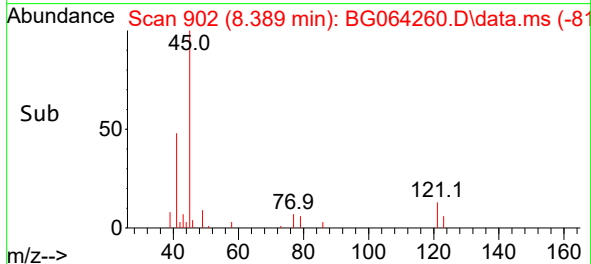
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 45 Resp: 24980
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.0
79 10.0 0.0 27.9

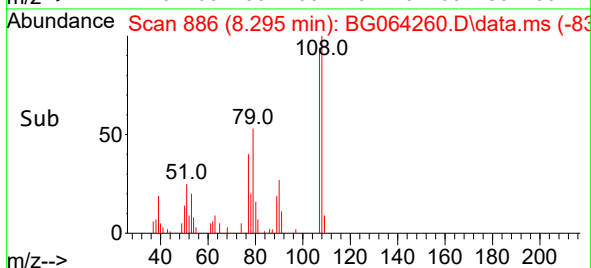
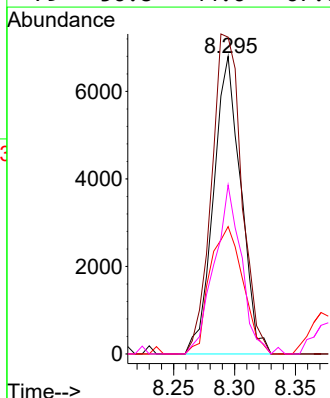
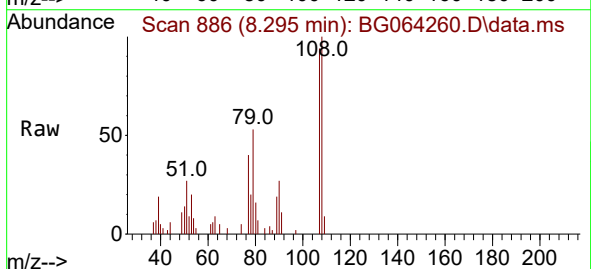
Manual Integrations
APPROVED

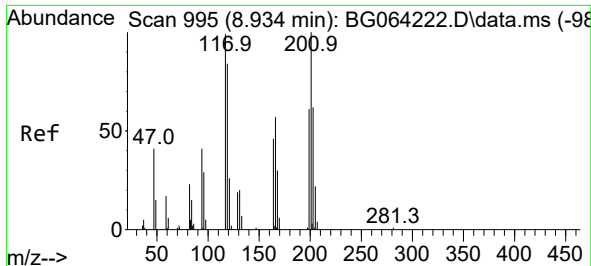
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#17
2-Methylphenol
Concen: 8.422 ng
RT: 8.295 min Scan# 886
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

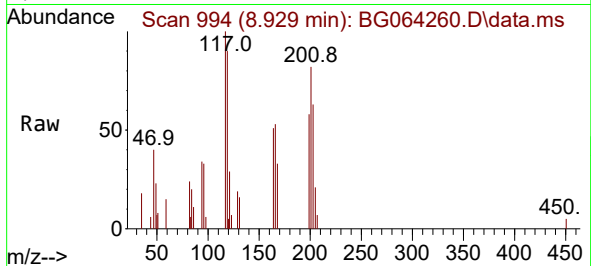
Tgt Ion:107 Resp: 10647
Ion Ratio Lower Upper
107 100
108 106.5 94.6 141.8
77 42.8 43.7 65.5#
79 56.8 44.6 67.0





#18
Hexachloroethane
Concen: 9.352 ng
RT: 8.929 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

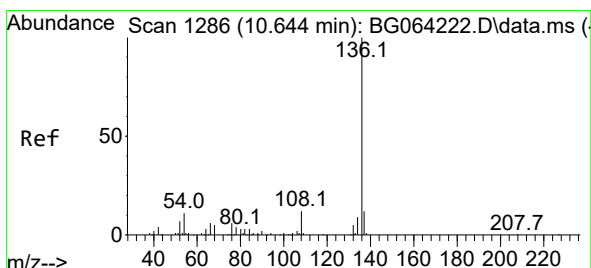
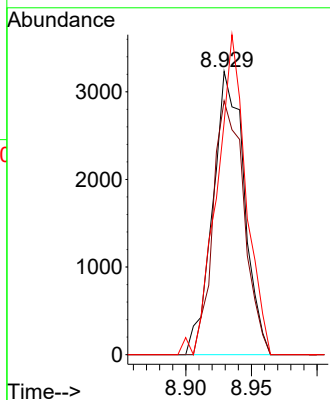
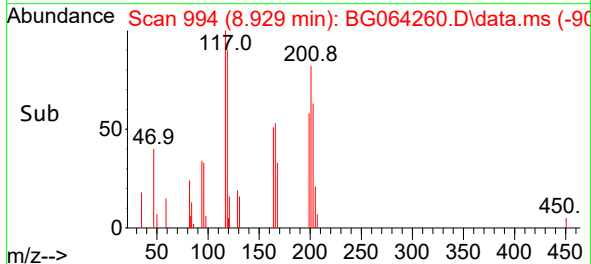
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



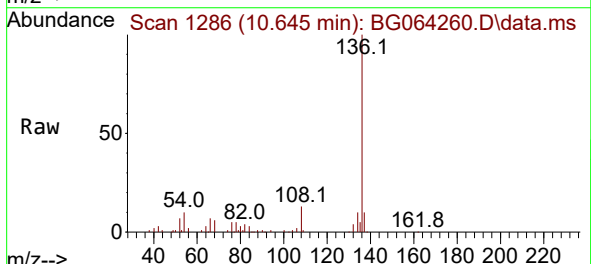
Tgt Ion:117 Resp: 5364
Ion Ratio Lower Upper
117 100
119 89.7 67.9 101.9
201 82.0 80.5 120.7

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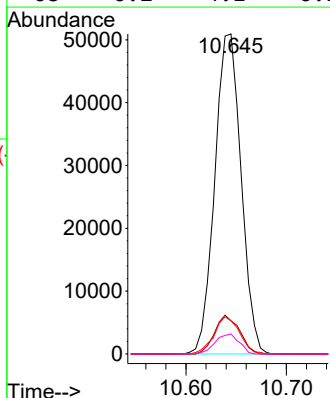
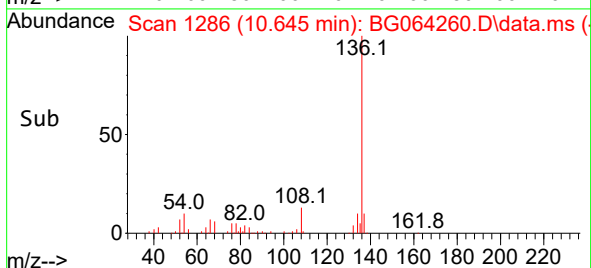
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

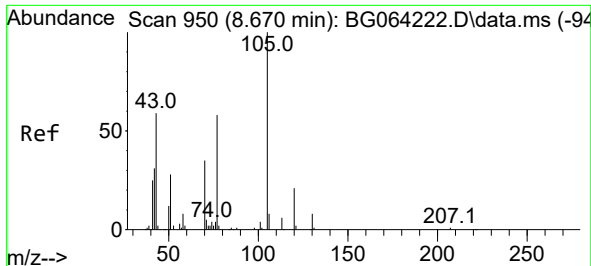


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



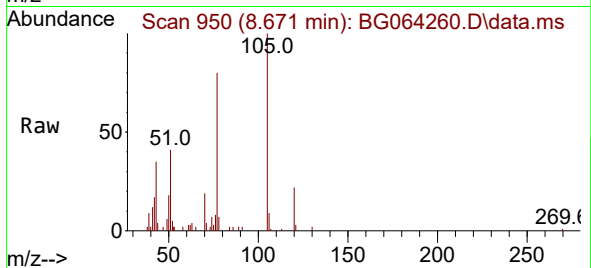
Tgt Ion:136 Resp: 92592
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 10.4 8.8 13.2
68 6.2 4.1 6.1#





#22
Acetophenone
Concen: 9.209 ng
RT: 8.671 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

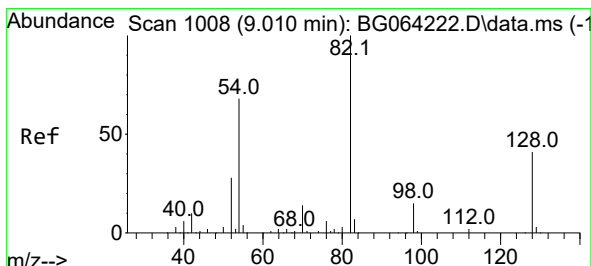
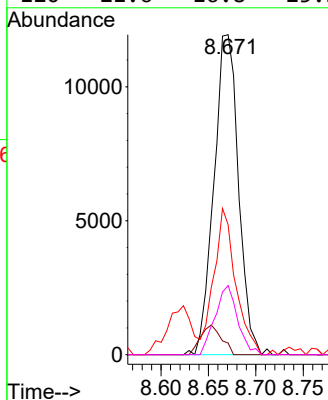
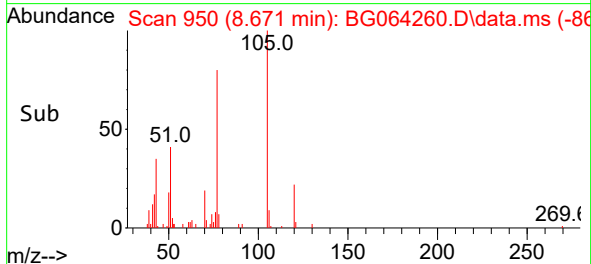
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



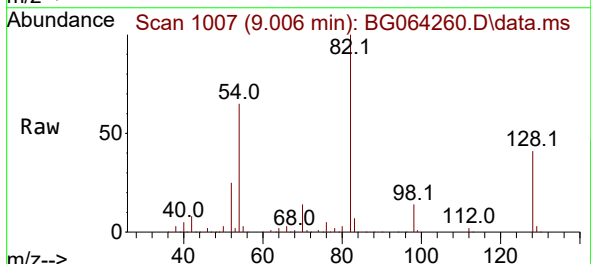
Tgt Ion:105 Resp: 2157
Ion Ratio Lower Upper
105 100
71 3.7 4.3 6.5
51 40.6 32.4 48.6
120 21.6 16.8 25.2

Manual Integrations
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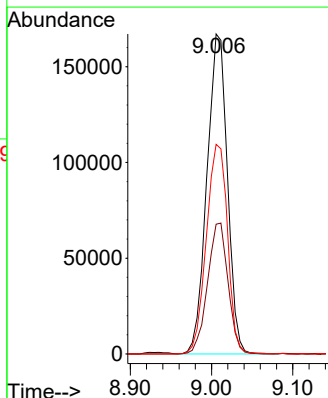
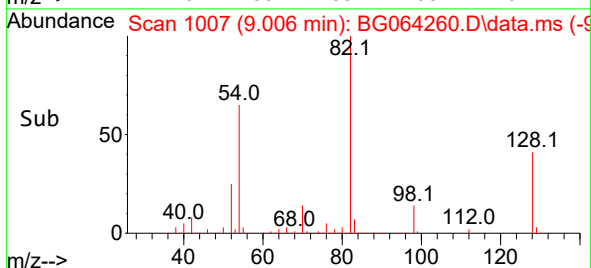
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

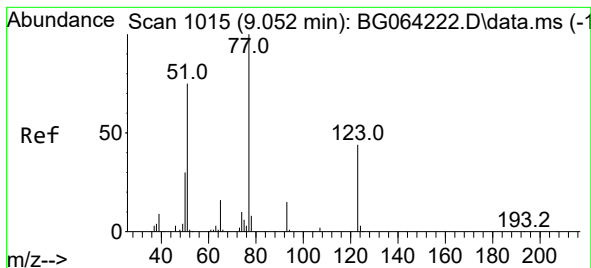


#23
Nitrobenzene-d5
Concen: 176.272 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



Tgt Ion: 82 Resp: 292654
Ion Ratio Lower Upper
82 100
128 40.5 32.6 48.8
54 65.5 54.7 82.1





#24

Nitrobenzene

Concen: 9.545 ng

RT: 9.053 min Scan# 1015

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

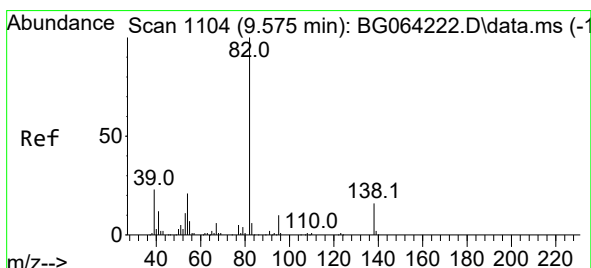
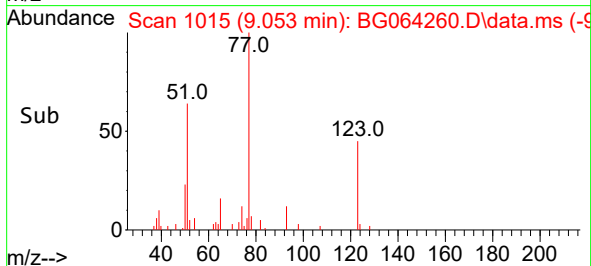
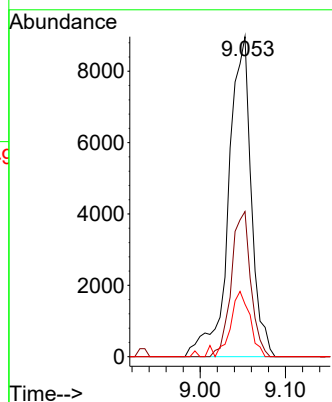
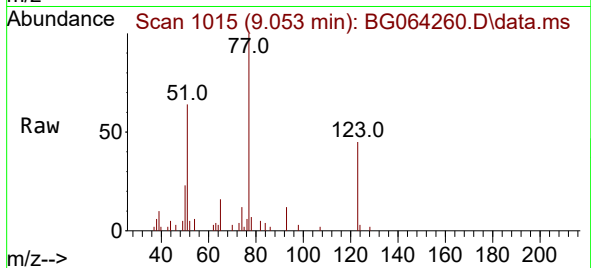
Tgt Ion: 77	Resp: 1655
Ion Ratio	Lower Upper
77 100	
123 45.4	35.2 52.8
65 16.4	12.6 19.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#25

Isophorone

Concen: 8.957 ng

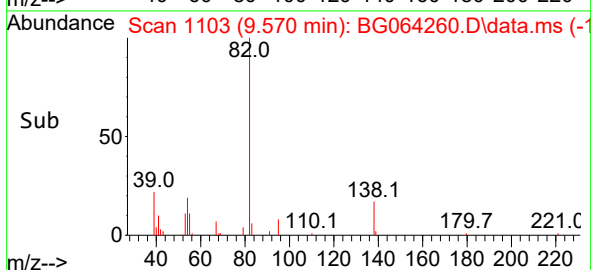
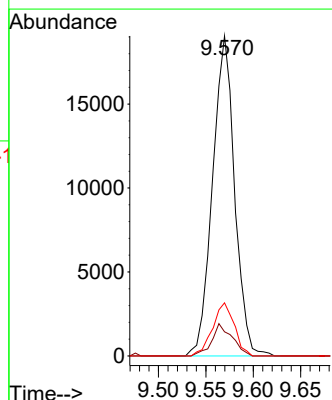
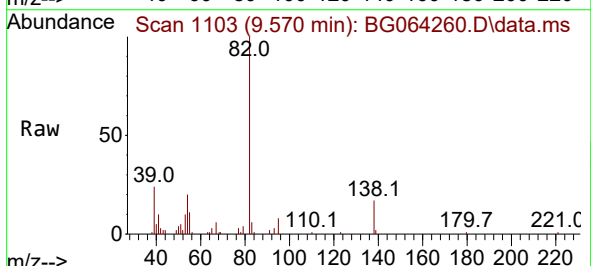
RT: 9.570 min Scan# 1103

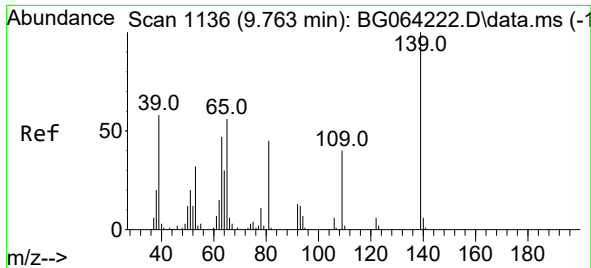
Delta R.T. -0.017 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

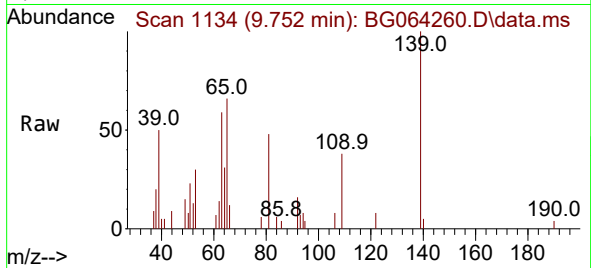
Tgt Ion: 82	Resp: 30906
Ion Ratio	Lower Upper
82 100	
95 7.6	7.9 11.9#
138 16.6	13.0 19.4





#26
2-Nitrophenol
Concen: 8.963 ng
RT: 9.752 min Scan# 1134
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

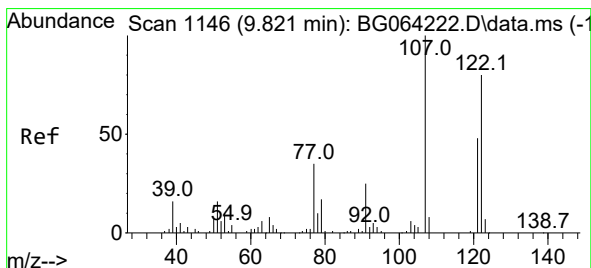
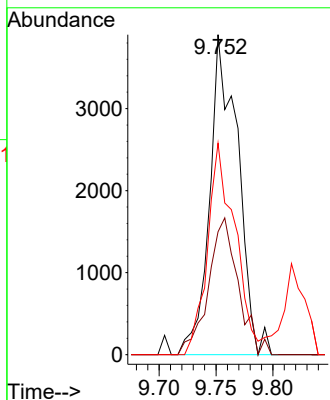
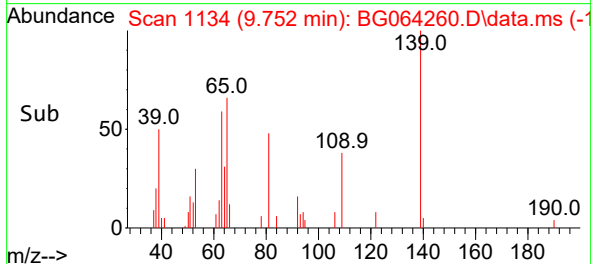
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:139 Resp: 6718
Ion Ratio Lower Upper
139 100
109 38.4 32.4 48.6
65 66.1 44.6 67.0

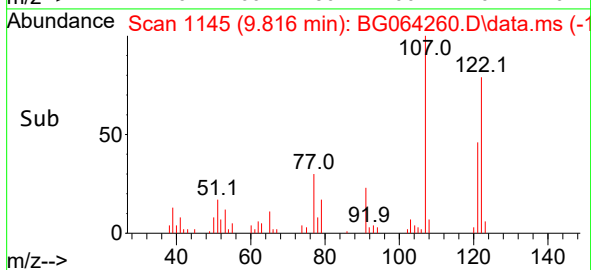
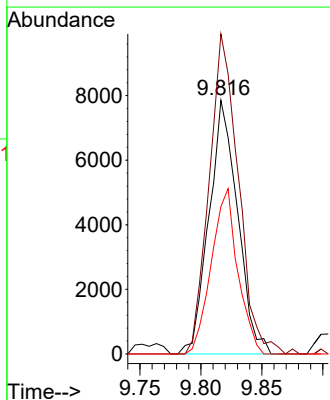
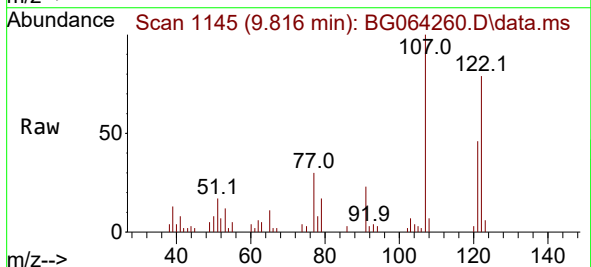
Manual Integrations
APPROVED

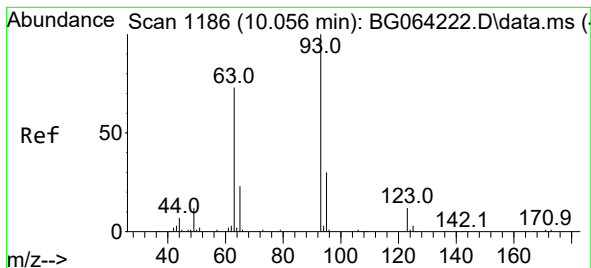
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#27
2,4-Dimethylphenol
Concen: 9.745 ng
RT: 9.816 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

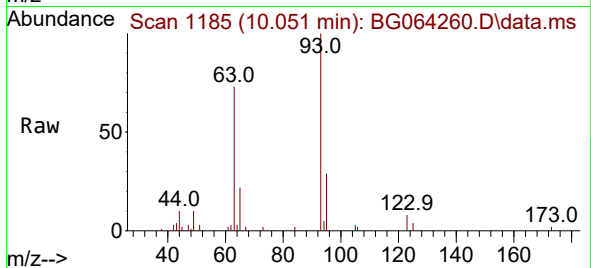
Tgt Ion:122 Resp: 12824
Ion Ratio Lower Upper
122 100
107 126.1 99.9 149.9
121 58.2 48.6 72.8





#28
bis(2-Chloroethoxy)methane
Concen: 9.497 ng
RT: 10.051 min Scan# 1185
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

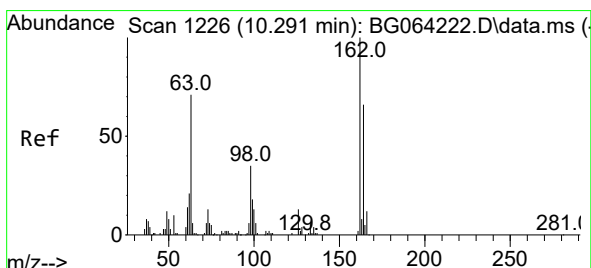
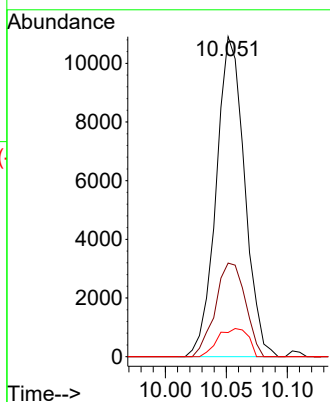
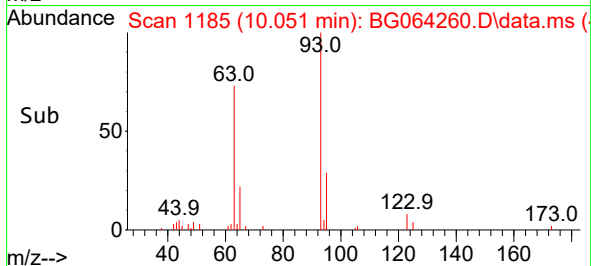
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



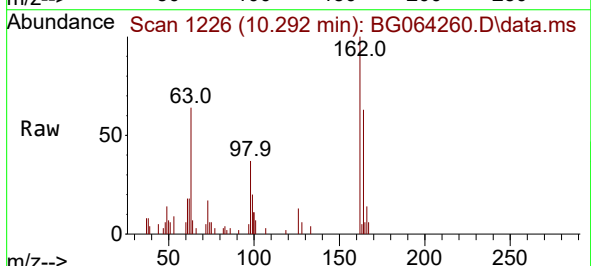
Tgt Ion: 93 Resp: 17670
Ion Ratio Lower Upper
93 100
95 29.3 23.9 35.9
123 7.6 9.6 14.4

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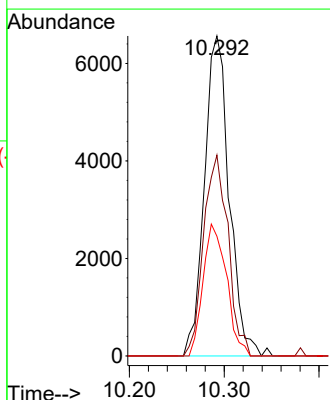
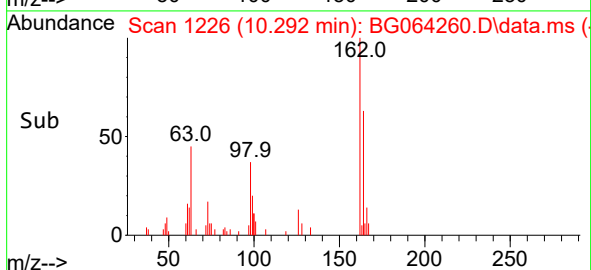
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

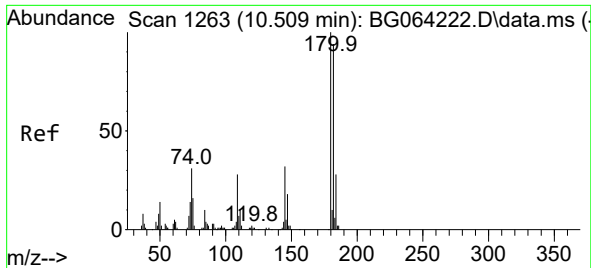


#29
2,4-Dichlorophenol
Concen: 8.596 ng
RT: 10.292 min Scan# 1226
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



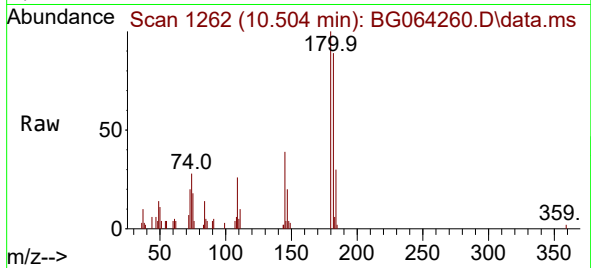
Tgt Ion:162 Resp: 11935
Ion Ratio Lower Upper
162 100
164 62.7 45.8 85.8
98 37.4 15.2 55.2





#30
1,2,4-Trichlorobenzene
Concen: 9.840 ng
RT: 10.504 min Scan# 1262
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

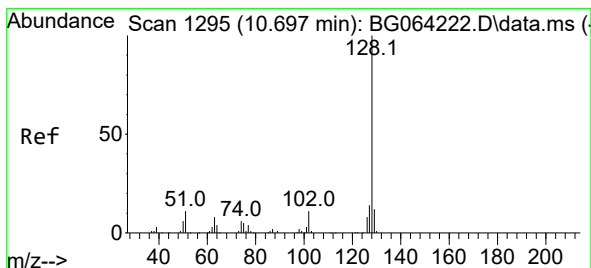
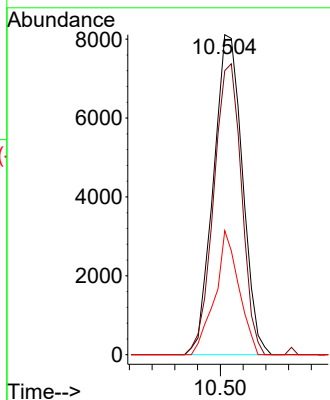
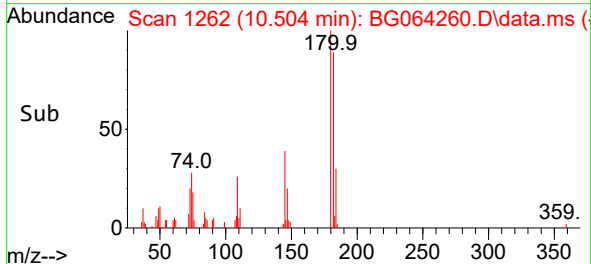
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



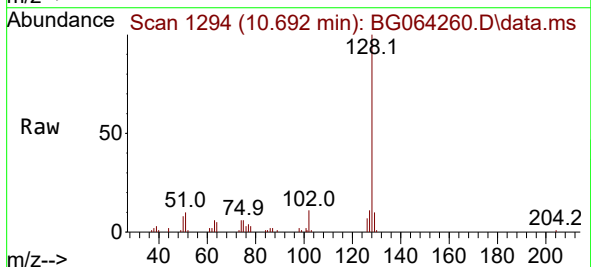
Tgt Ion:180 Resp: 14400
Ion Ratio Lower Upper
180 100
182 88.7 75.0 112.6
145 42.4 25.4 38.0

Manual Integrations
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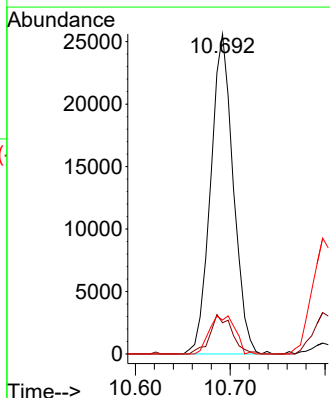
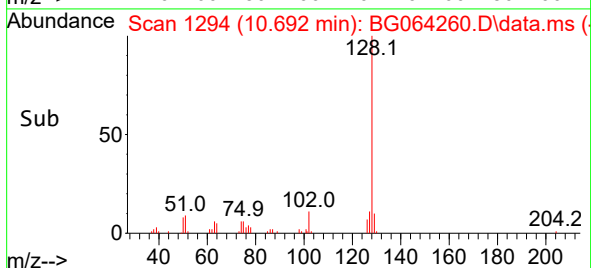
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

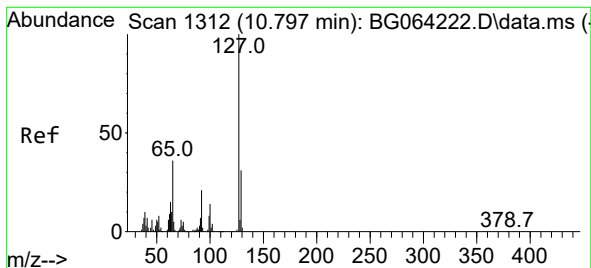


#31
Naphthalene
Concen: 8.830 ng
RT: 10.692 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



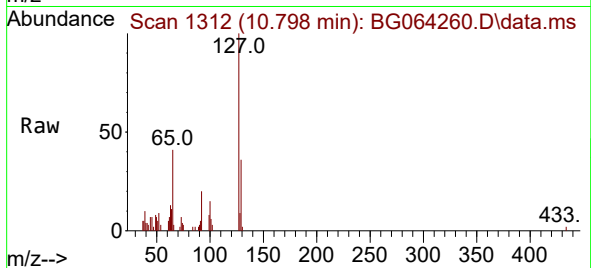
Tgt Ion:128 Resp: 42395
Ion Ratio Lower Upper
128 100
129 9.7 9.4 14.2
127 10.6 10.9 16.3





#33
4-Chloroaniline
Concen: 9.095 ng
RT: 10.798 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

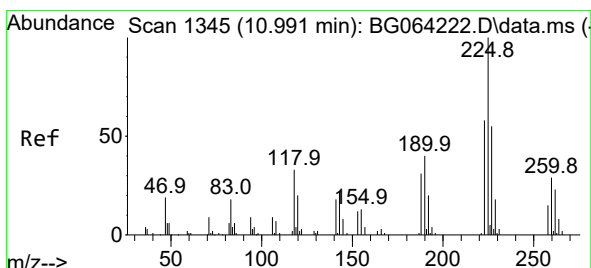
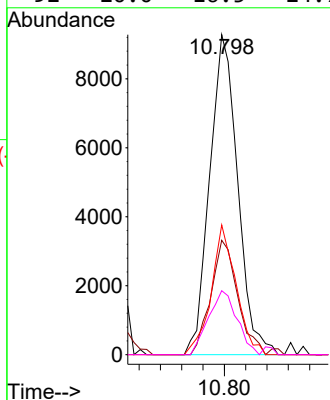
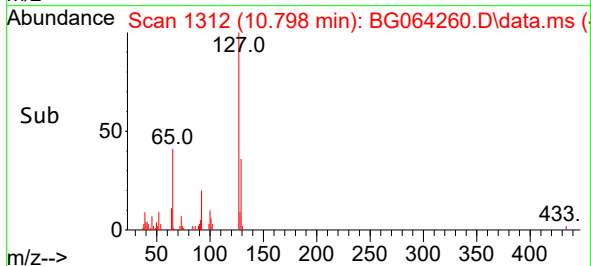
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:	127	Resp:	16920
Ion Ratio	Lower	Upper	
127	100		
129	35.7	25.0	37.4
65	40.6	28.7	43.1
92	20.0	16.5	24.7

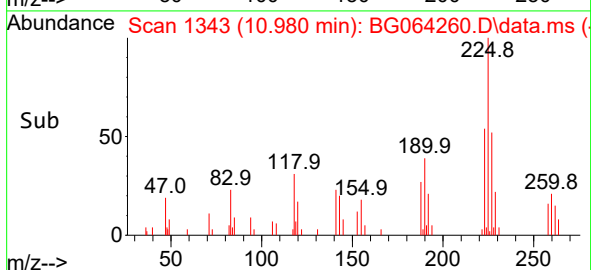
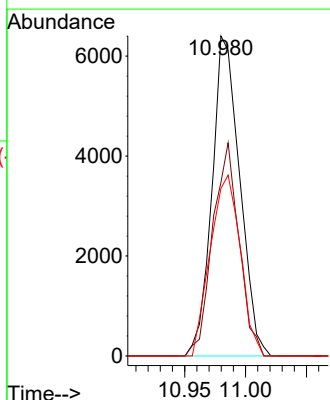
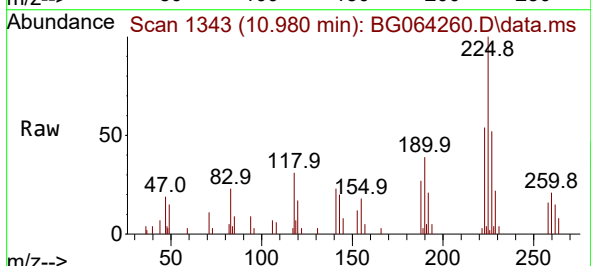
Manual Integrations
APPROVED

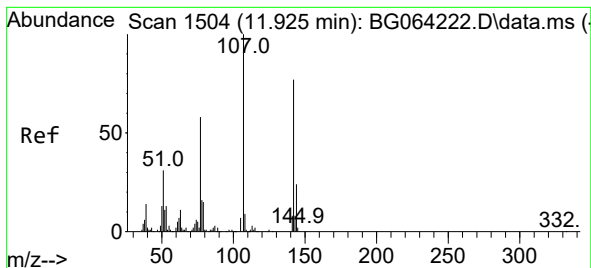
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#34
Hexachlorobutadiene
Concen: 9.376 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

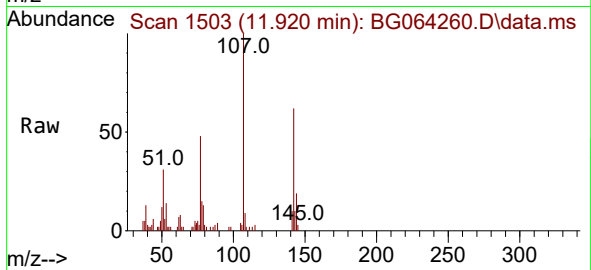
Tgt Ion:	225	Resp:	10147
Ion Ratio	Lower	Upper	
225	100		
223	52.9	46.5	69.7
227	51.2	44.1	66.1





#36
4-Chloro-3-methylphenol
Concen: 8.698 ng
RT: 11.920 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

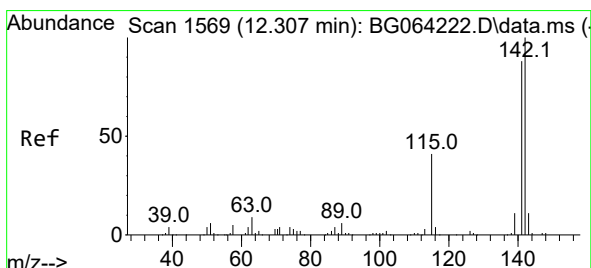
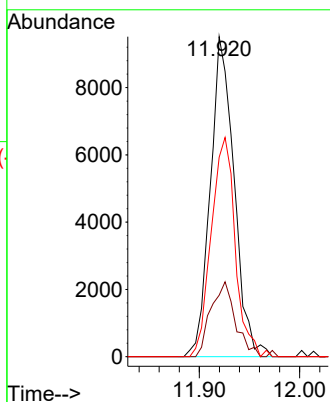
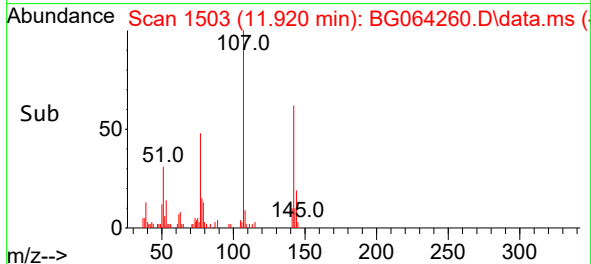
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



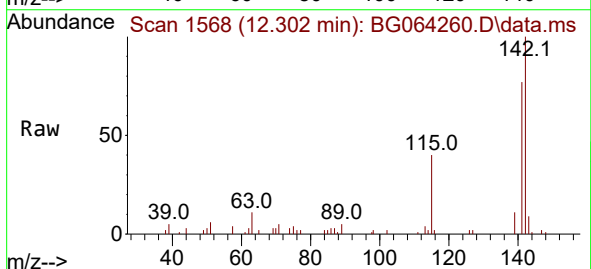
Tgt Ion:107 Resp: 1566
Ion Ratio Lower Upper
107 100
144 19.2 19.5 29.3
142 62.3 62.0 93.0

Manual Integrations
APPROVED

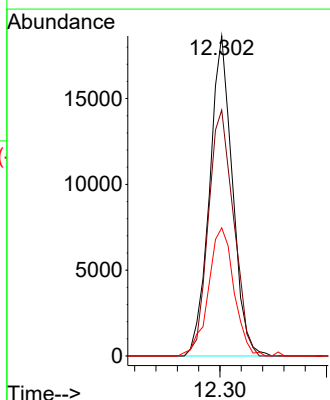
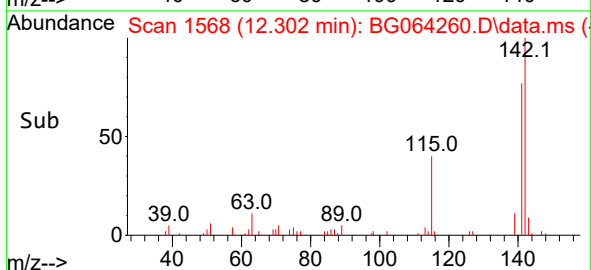
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

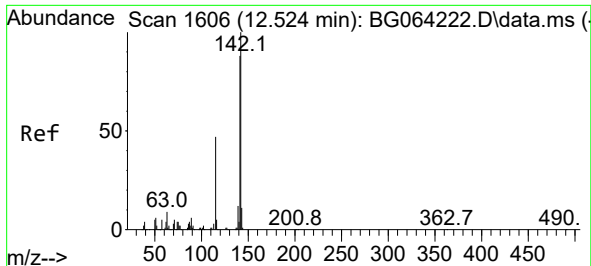


#37
2-Methylnaphthalene
Concen: 7.778 ng
RT: 12.302 min Scan# 1568
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



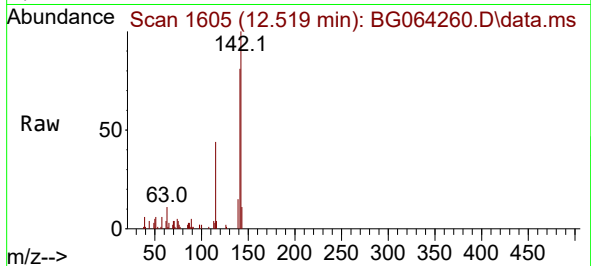
Tgt Ion:142 Resp: 27760
Ion Ratio Lower Upper
142 100
141 76.9 70.1 105.1
115 40.0 33.1 49.7





#38
1-Methylnaphthalene
Concen: 8.638 ng
RT: 12.519 min Scan# 1605
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

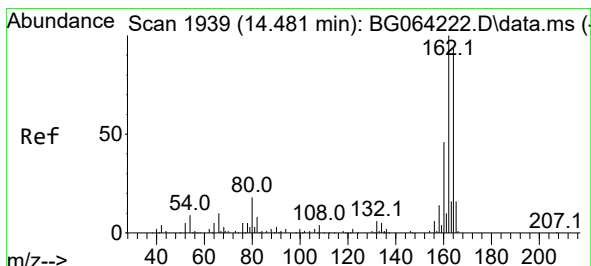
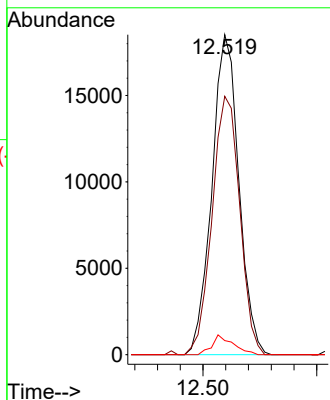
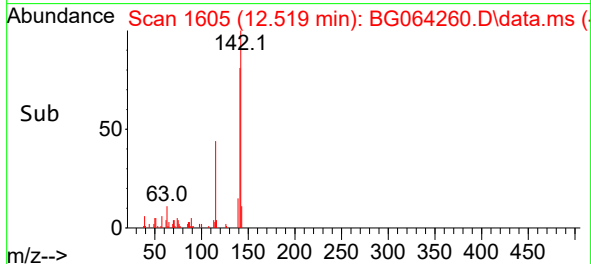
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



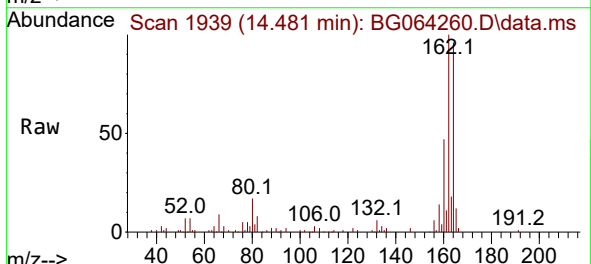
Tgt Ion:142 Resp: 30449
Ion Ratio Lower Upper
142 100
141 80.8 70.3 105.5
116 4.4 3.7 5.5

Manual Integrations
APPROVED

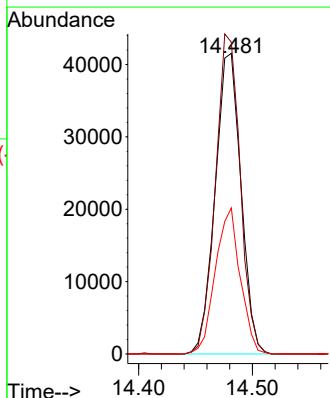
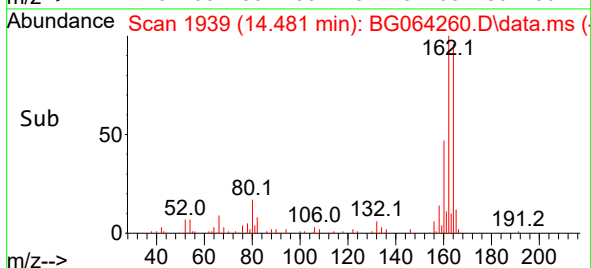
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

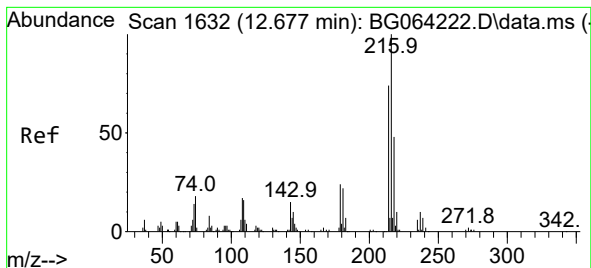


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



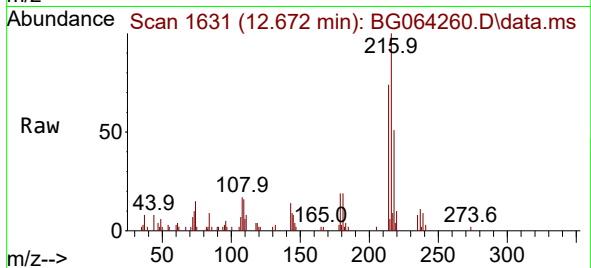
Tgt Ion:164 Resp: 65744
Ion Ratio Lower Upper
164 100
162 103.7 85.4 128.0
160 48.6 39.2 58.8





#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.220 ng
RT: 12.672 min Scan# 1632
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

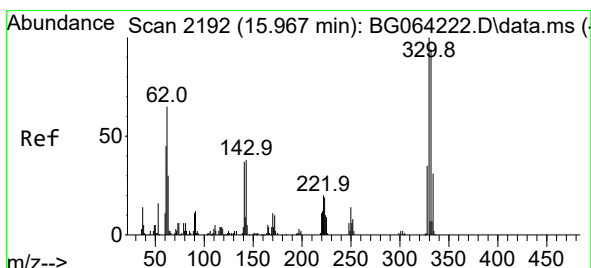
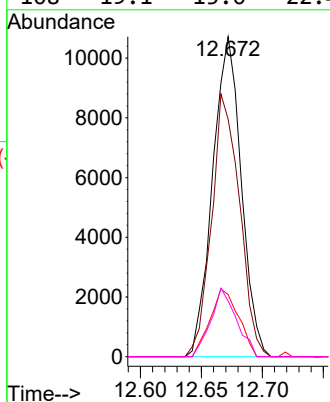
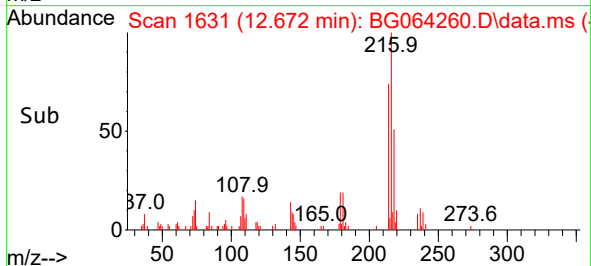
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:216 Resp: 17490
Ion Ratio Lower Upper
216 100
214 79.9 61.9 92.9
179 21.0 17.9 26.9
108 19.1 15.0 22.4

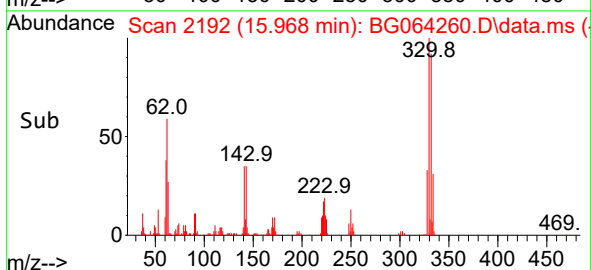
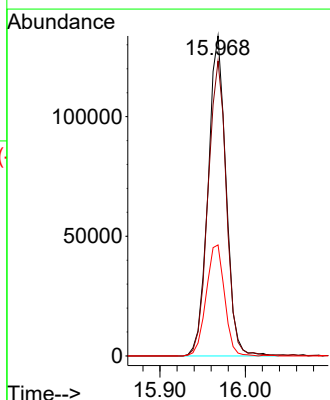
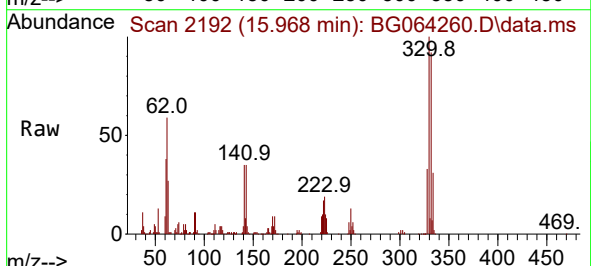
Manual Integrations
APPROVED

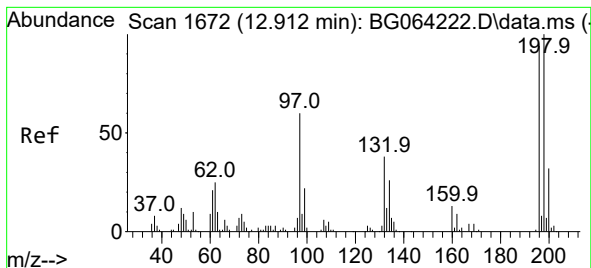
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#42
2,4,6-Tribromophenol
Concen: 225.353 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

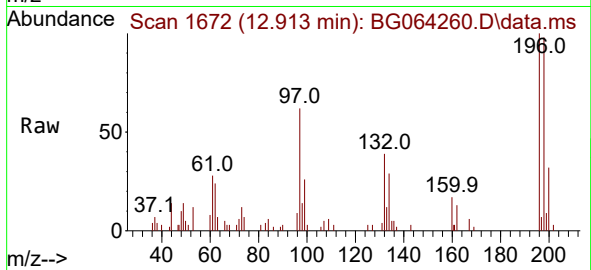
Tgt Ion:330 Resp: 196239
Ion Ratio Lower Upper
330 100
332 94.0 77.6 116.4
141 35.3 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 8.181 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

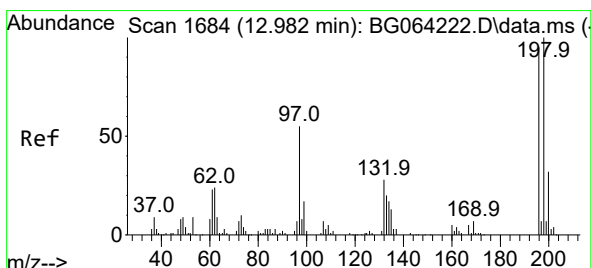
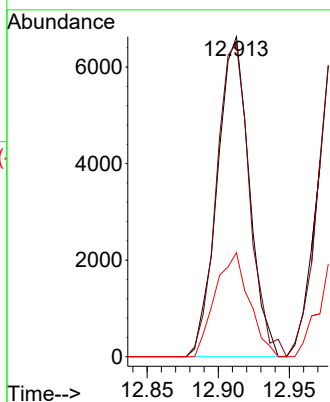
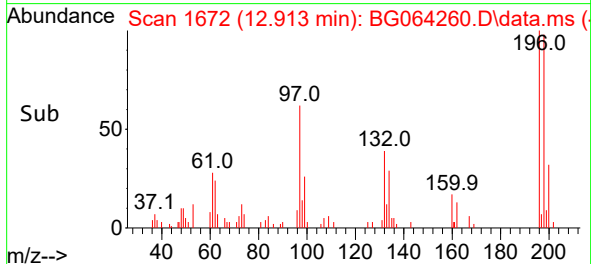
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



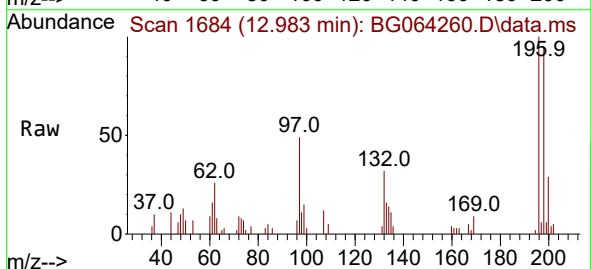
Tgt Ion:196 Resp: 10372
Ion Ratio Lower Upper
196 100
198 97.9 85.4 128.2
200 32.5 27.3 40.9

Manual Integrations
APPROVED

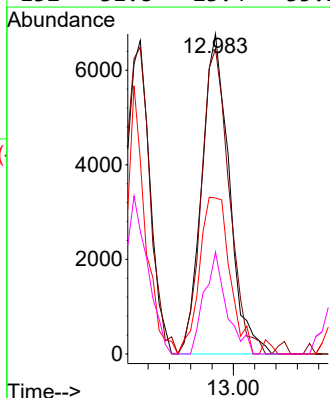
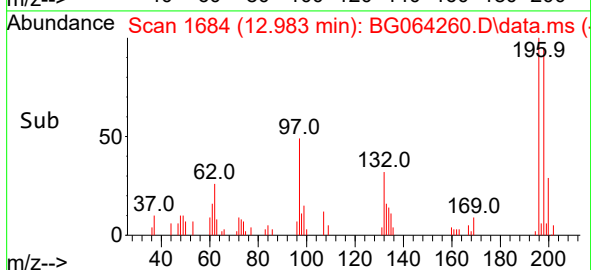
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

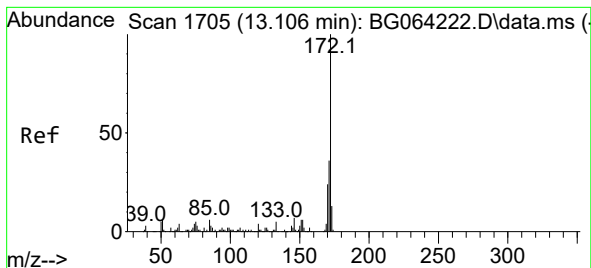


#44
2,4,5-Trichlorophenol
Concen: 8.794 ng
RT: 12.983 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



Tgt Ion:196 Resp: 12095
Ion Ratio Lower Upper
196 100
198 95.4 84.5 126.7
97 48.8 46.8 70.2
132 31.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 168.043 ng

RT: 13.107 min Scan# 1705

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

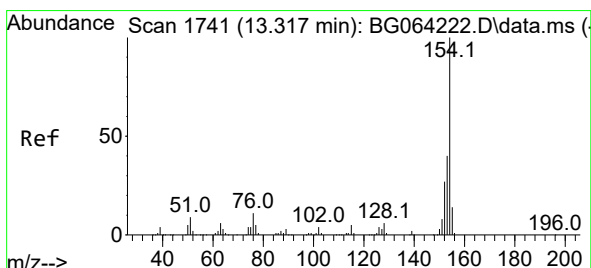
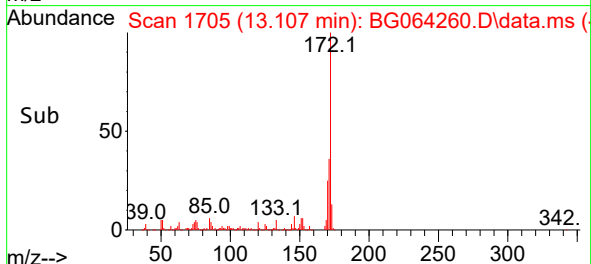
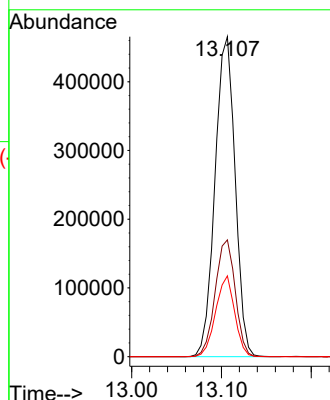
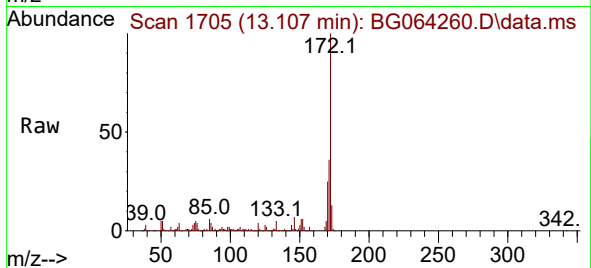
Tgt Ion:172 Resp: 723805
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.7 43.1
 170 25.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#46

1,1'-Biphenyl

Concen: 9.144 ng

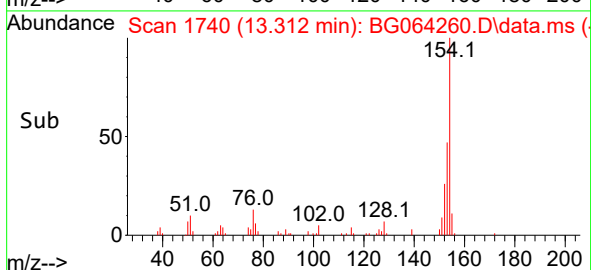
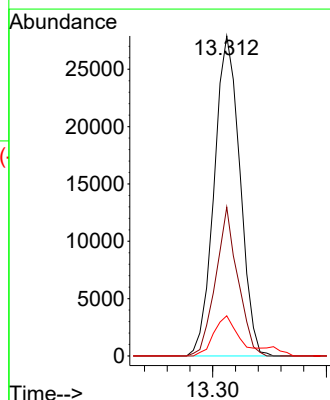
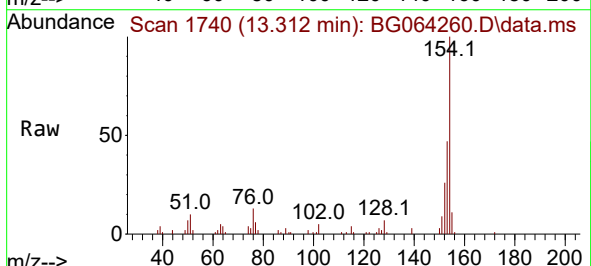
RT: 13.312 min Scan# 1740

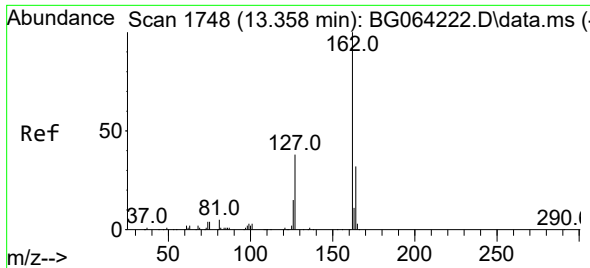
Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

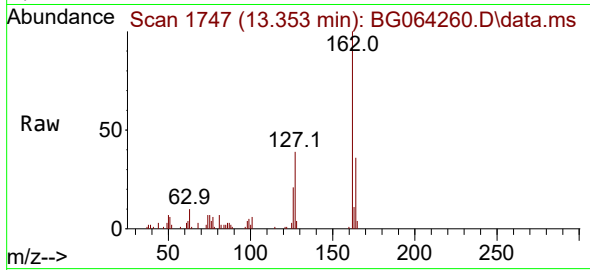
Tgt Ion:154 Resp: 43787
 Ion Ratio Lower Upper
 154 100
 153 46.5 19.9 59.9
 76 12.5 0.0 30.9





#47
2-Chloronaphthalene
Concen: 9.131 ng
RT: 13.353 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

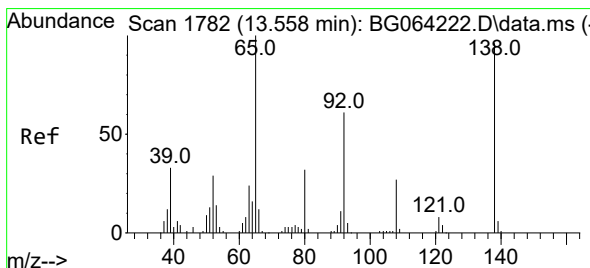
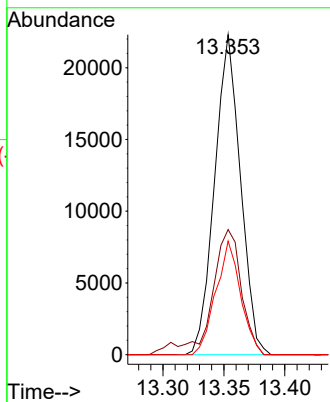
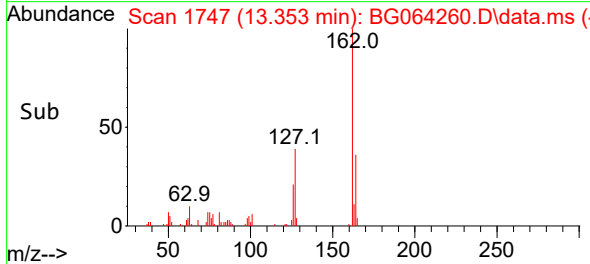
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



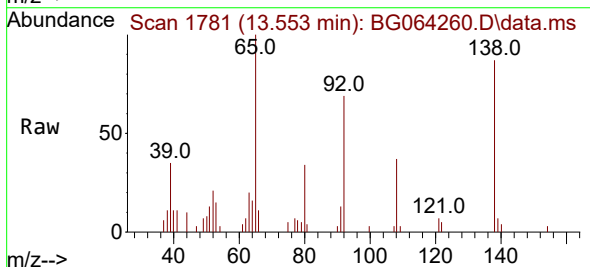
Tgt Ion:162 Resp: 3287
Ion Ratio Lower Upper
162 100
127 39.1 33.9 50.9
164 35.5 25.4 38.2

Manual Integrations
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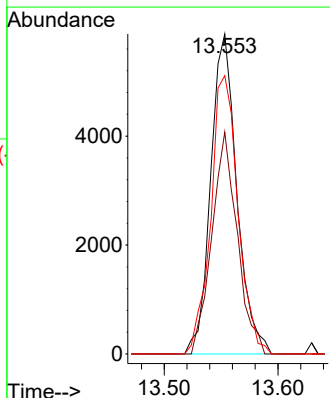
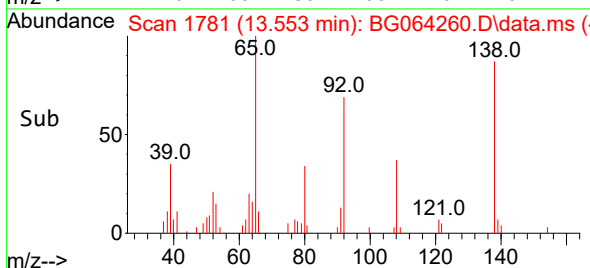
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

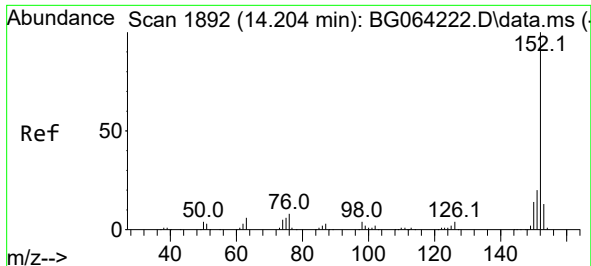


#48
2-Nitroaniline
Concen: 7.641 ng
RT: 13.553 min Scan# 1781
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



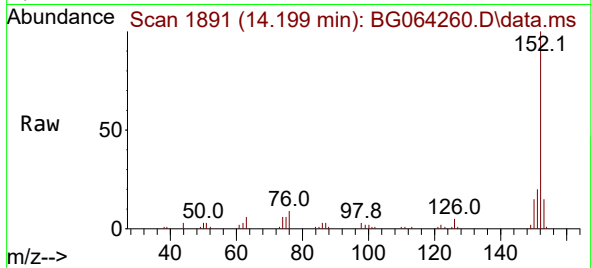
Tgt Ion: 65 Resp: 9375
Ion Ratio Lower Upper
65 100
92 69.3 49.2 73.8
138 87.0 76.8 115.2





#49
Acenaphthylene
Concen: 9.859 ng
RT: 14.199 min Scan# 1891
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

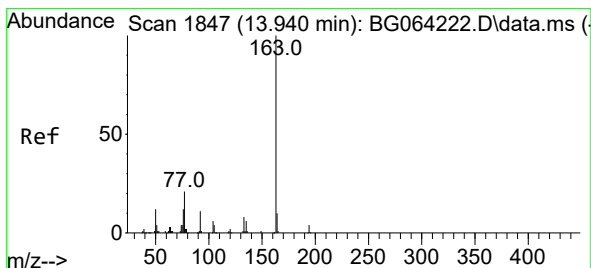
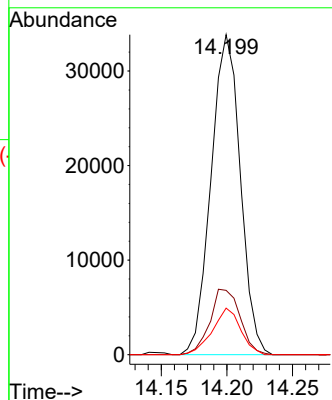
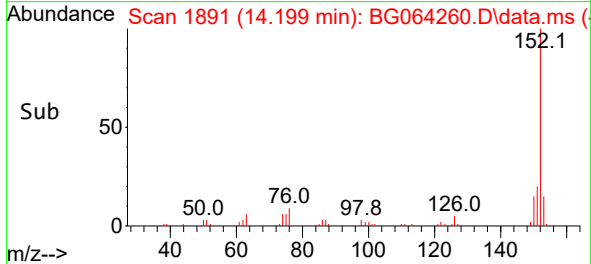
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



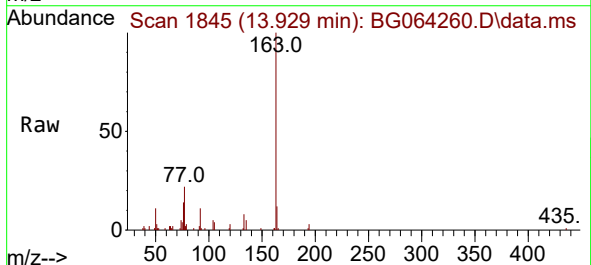
Tgt Ion:152 Resp: 5246
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 14.6 10.1 15.1

Manual Integrations
APPROVED

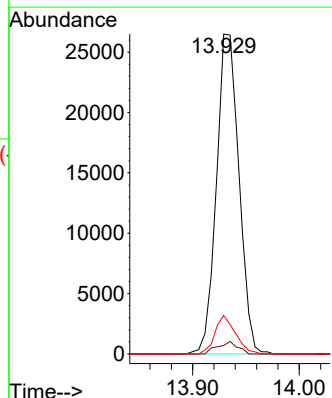
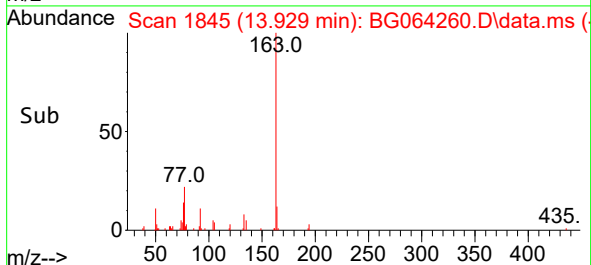
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

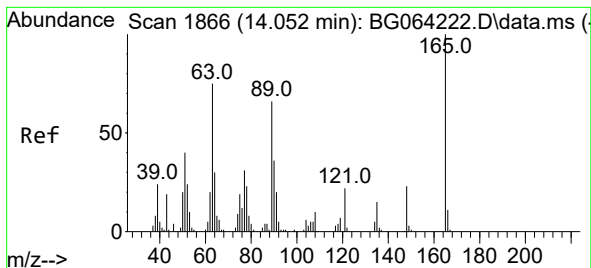


#50
Dimethylphthalate
Concen: 7.816 ng
RT: 13.929 min Scan# 1845
Delta R.T. -0.017 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



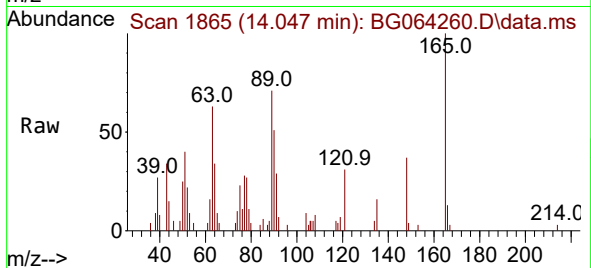
Tgt Ion:163 Resp: 38893
Ion Ratio Lower Upper
163 100
194 2.7 3.0 4.4#
164 12.0 7.9 11.9#





#51
2,6-Dinitrotoluene
Concen: 8.086 ng
RT: 14.047 min Scan# 1866
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

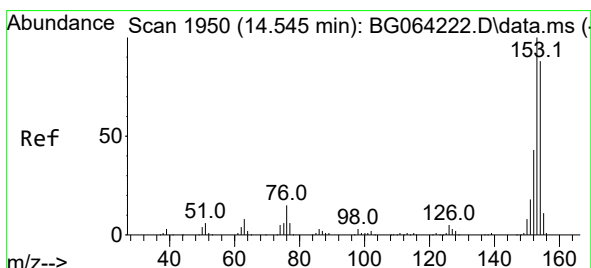
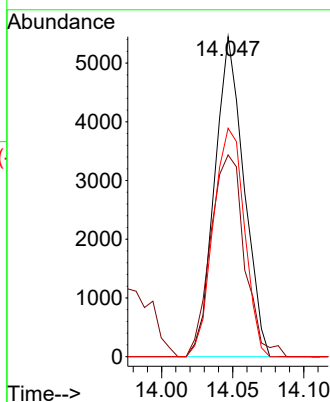
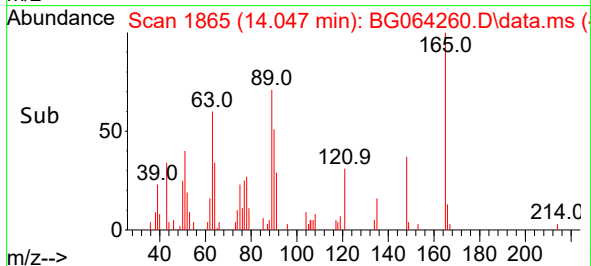
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



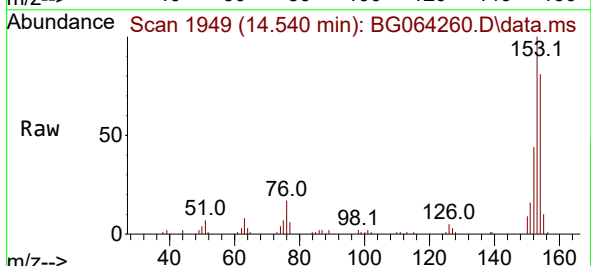
Tgt Ion:165 Resp: 7790
Ion Ratio Lower Upper
165 100
63 63.0 60.3 90.5
89 71.4 52.9 79.3

Manual Integrations
APPROVED

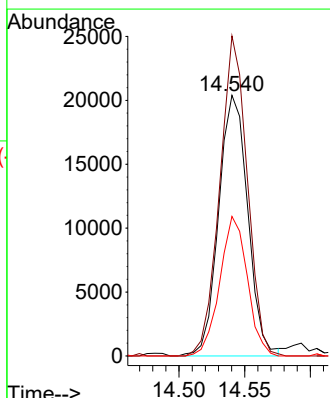
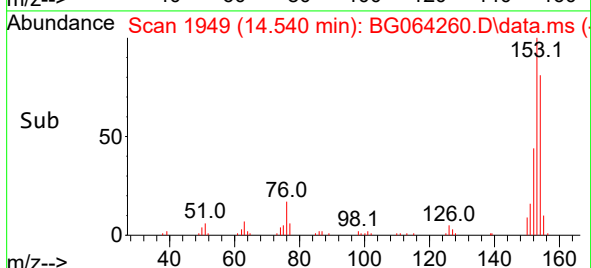
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

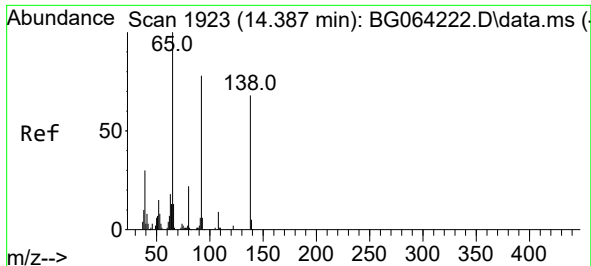


#52
Acenaphthene
Concen: 8.367 ng
RT: 14.540 min Scan# 1949
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



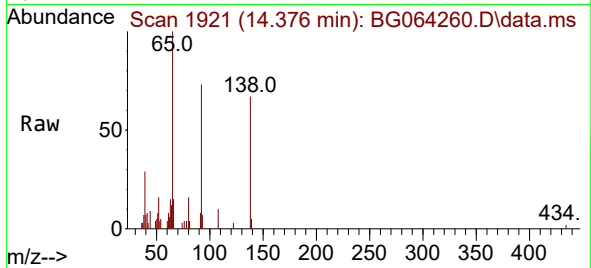
Tgt Ion:154 Resp: 31421
Ion Ratio Lower Upper
154 100
153 122.8 91.1 136.7
152 53.5 39.6 59.4





#53
3-Nitroaniline
Concen: 7.482 ng
RT: 14.376 min Scan# 1923
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

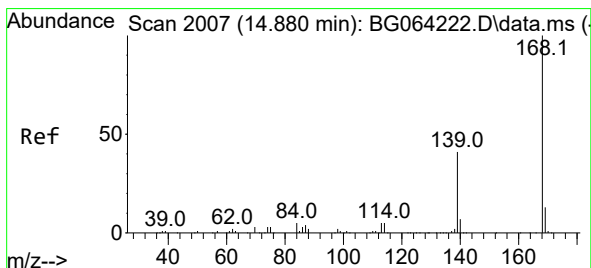
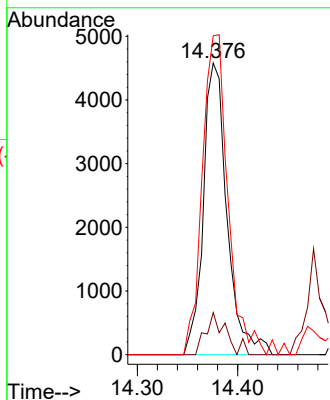
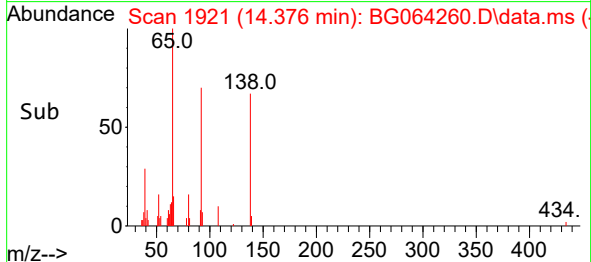
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



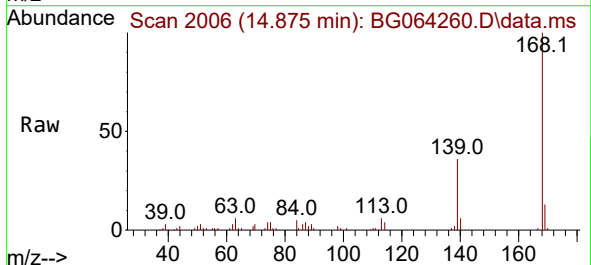
Tgt Ion:138 Resp: 7550
Ion Ratio Lower Upper
138 100
108 14.4 11.0 16.6
92 109.3 91.4 137.0

Manual Integrations
APPROVED

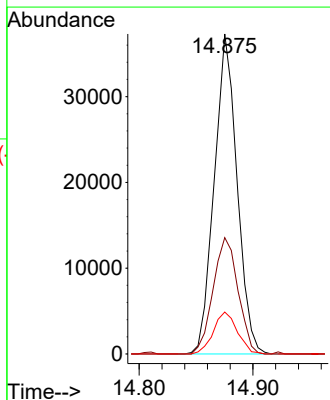
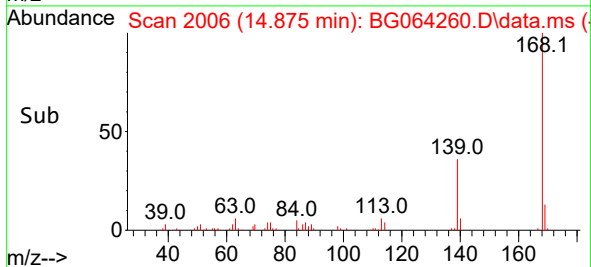
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

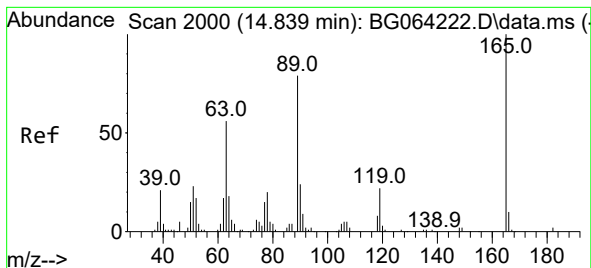


#55
Dibenzofuran
Concen: 8.784 ng
RT: 14.875 min Scan# 2006
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



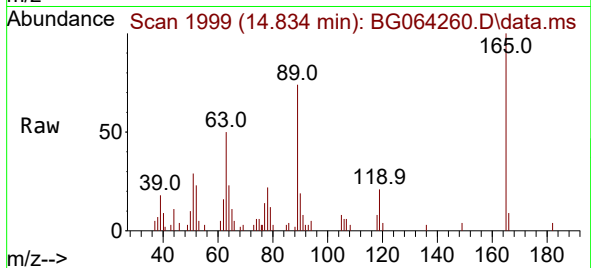
Tgt Ion:168 Resp: 51887
Ion Ratio Lower Upper
168 100
139 36.3 33.2 49.8
169 13.1 10.4 15.6





#57
2,4-Dinitrotoluene
Concen: 7.706 ng
RT: 14.834 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

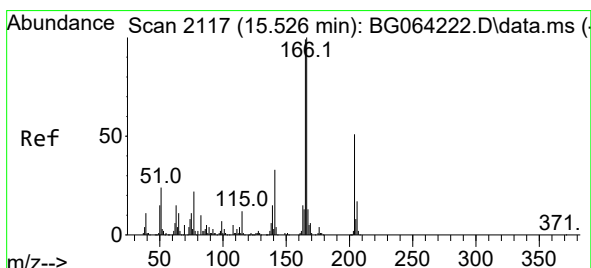
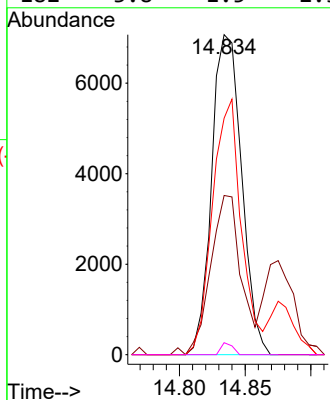
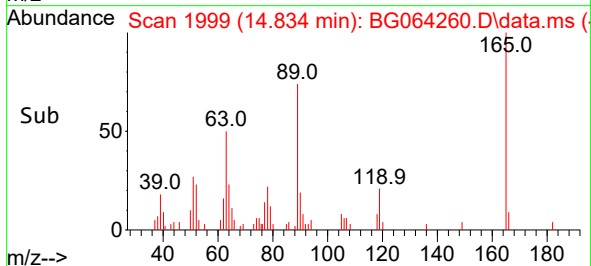
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:165 Resp: 11225
Ion Ratio Lower Upper
165 100
63 49.7 44.6 67.0
89 73.9 63.0 94.4
182 3.8 1.5 2.3#

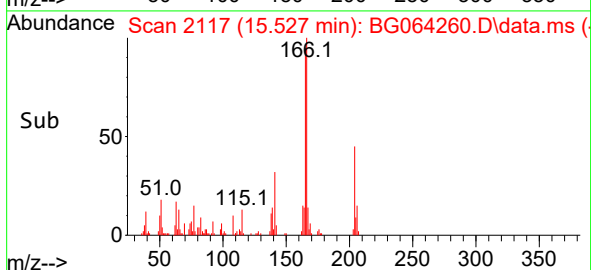
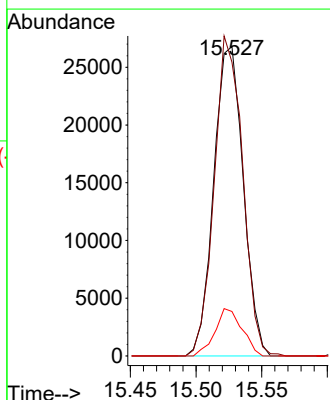
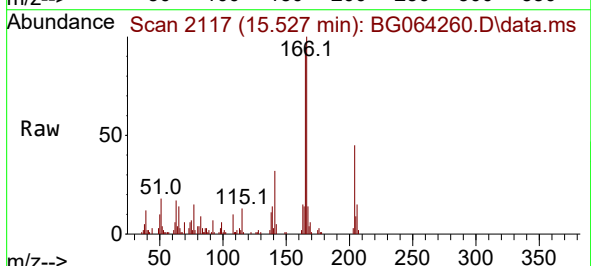
Manual Integrations
APPROVED

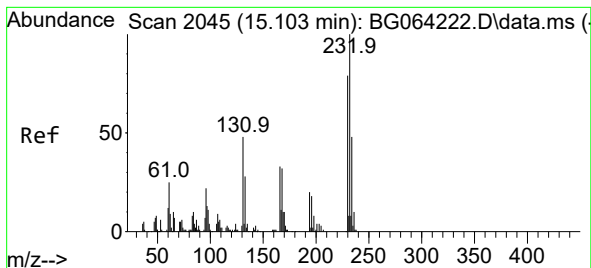
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#58
Fluorene
Concen: 8.650 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

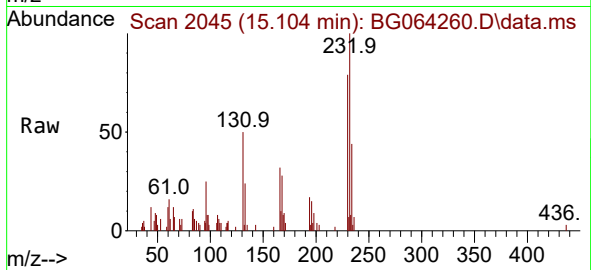
Tgt Ion:166 Resp: 41879
Ion Ratio Lower Upper
166 100
165 95.0 79.1 118.7
167 14.4 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.133 ng
RT: 15.104 min Scan# 2045
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

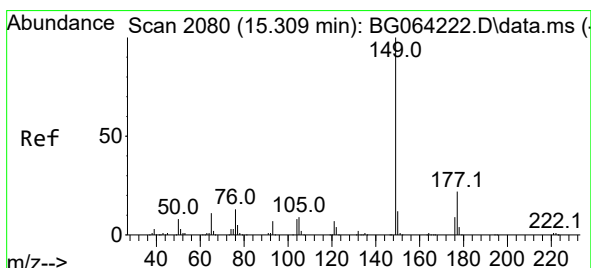
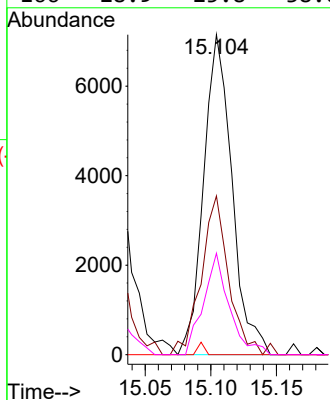
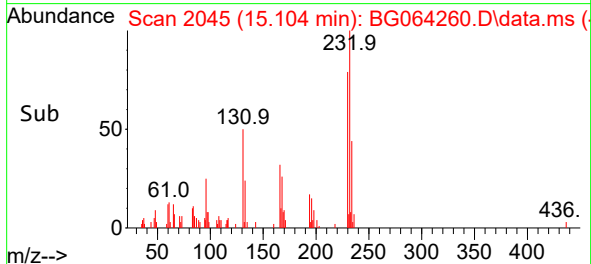
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



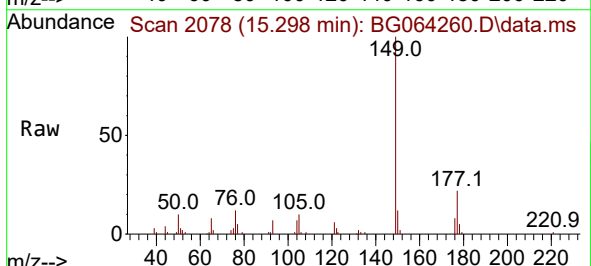
Tgt Ion:232 Resp: 10758
Ion Ratio Lower Upper
232 100
131 48.5 37.1 55.7
130 0.9 2.6 3.8
166 28.9 25.8 38.6

Manual Integrations
APPROVED

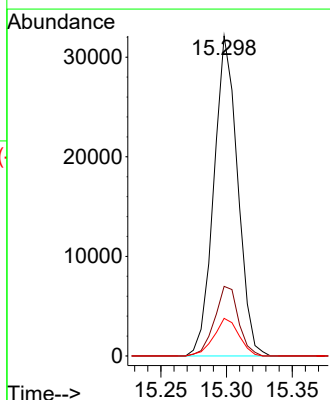
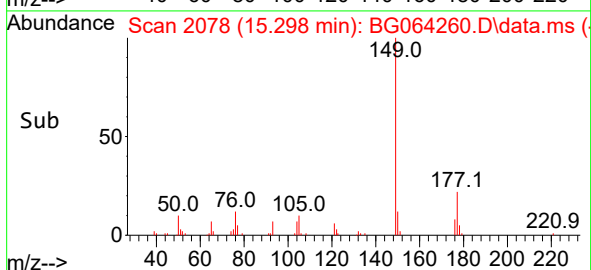
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

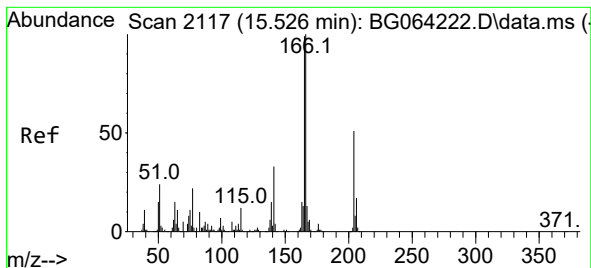


#60
Diethylphthalate
Concen: 7.588 ng
RT: 15.298 min Scan# 2078
Delta R.T. -0.017 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



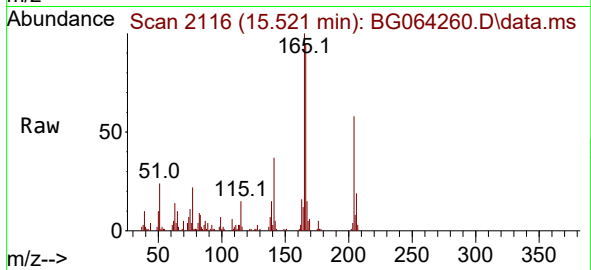
Tgt Ion:149 Resp: 40412
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 11.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 8.746 ng
RT: 15.521 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

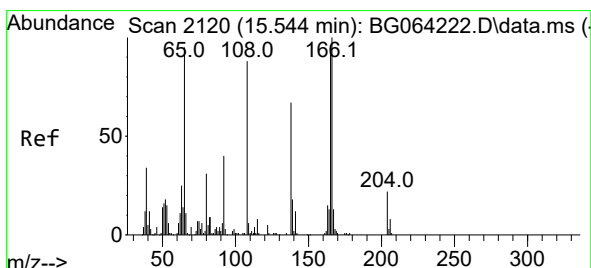
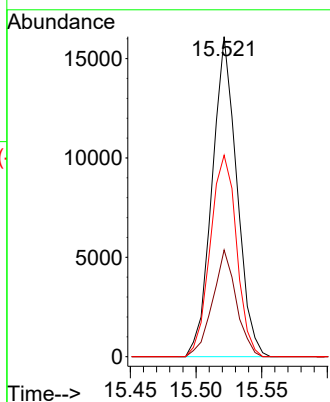
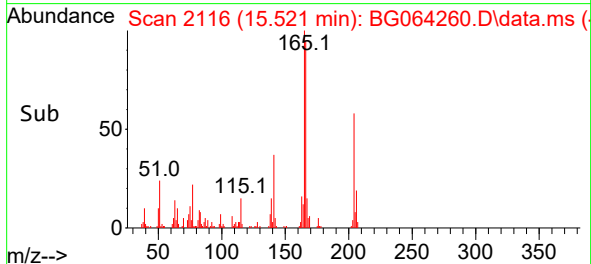
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:204 Resp: 2111
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 63.0 51.9 77.9

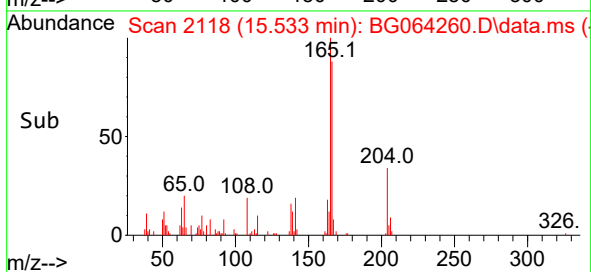
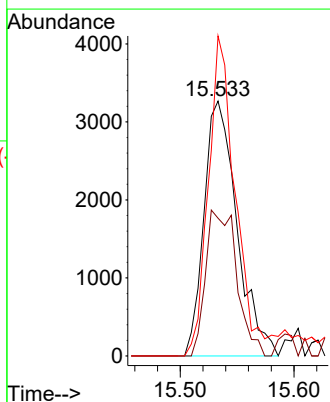
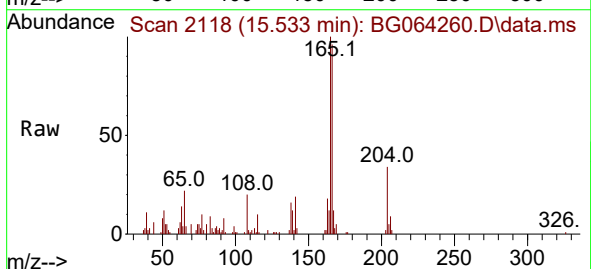
Manual Integrations
APPROVED

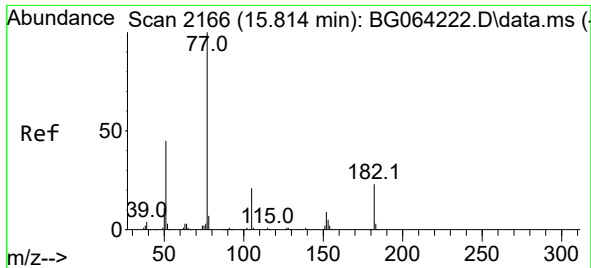
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#62
4-Nitroaniline
Concen: 6.393 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.023 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

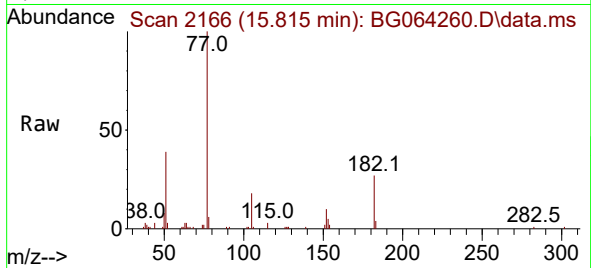
Tgt Ion:138 Resp: 6583
Ion Ratio Lower Upper
138 100
92 54.0 39.1 79.1
108 125.5 111.3 151.3





#63
Azobenzene
Concen: 8.334 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

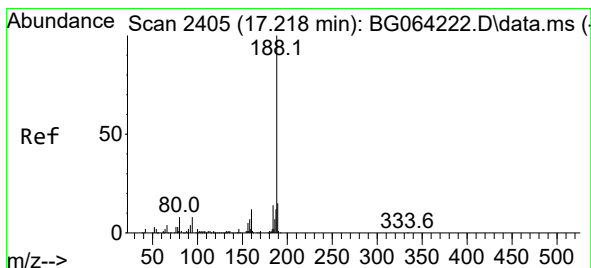
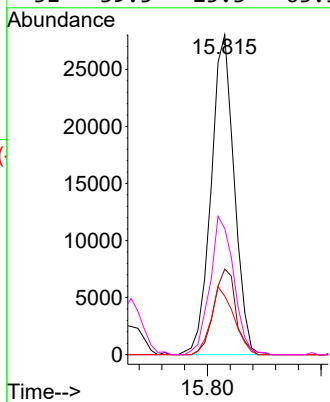
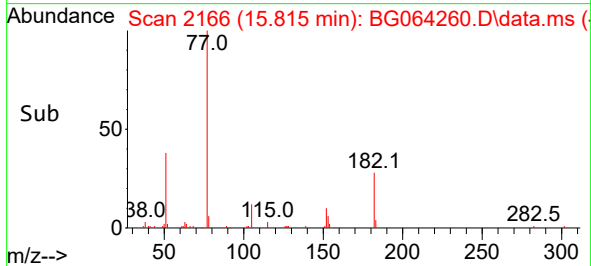
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	3.3	43.3
105	18.3	0.6	40.6
51	39.5	25.3	65.3

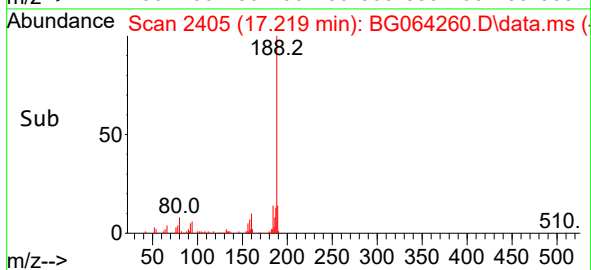
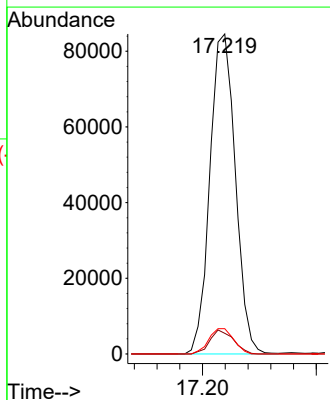
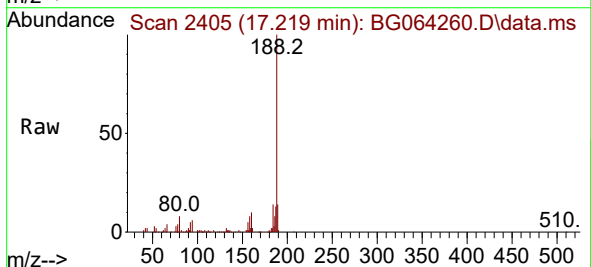
Manual Integrations
APPROVED

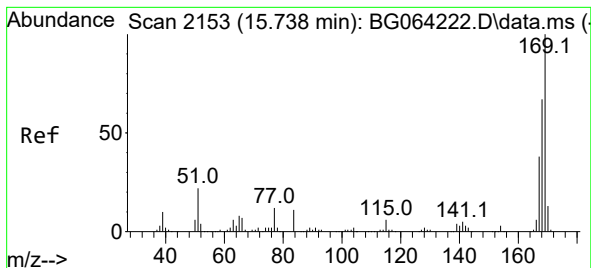
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

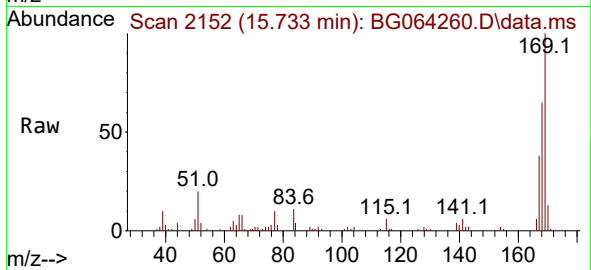
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.2	9.4
80	7.9	6.8	10.2





#66
n-Nitrosodiphenylamine
Concen: 9.478 ng
RT: 15.733 min Scan# 2153
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

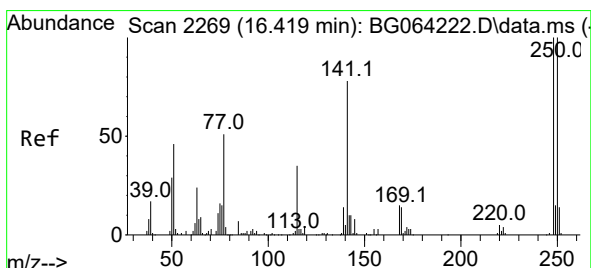
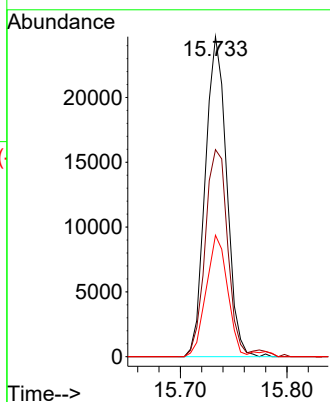
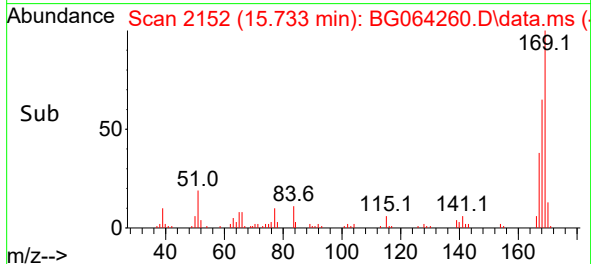
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:169 Resp: 3435
Ion Ratio Lower Upper
169 100
168 64.7 53.8 80.8
167 37.9 30.2 45.2

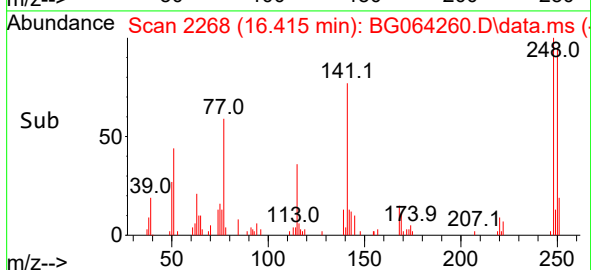
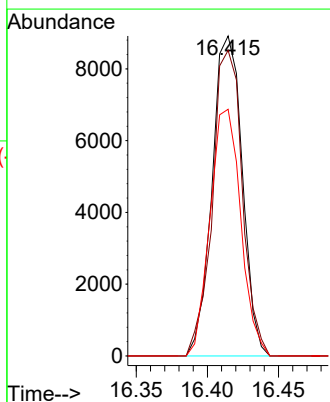
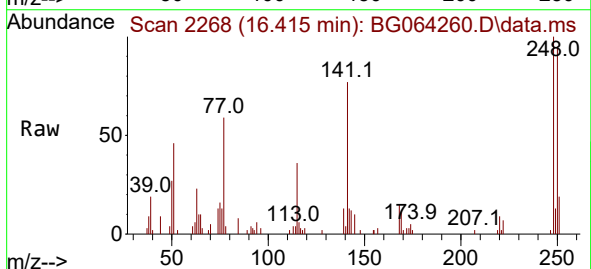
Manual Integrations
APPROVED

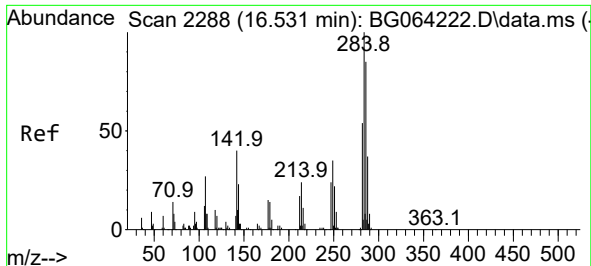
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#67
4-Bromophenyl-phenylether
Concen: 9.390 ng
RT: 16.415 min Scan# 2268
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

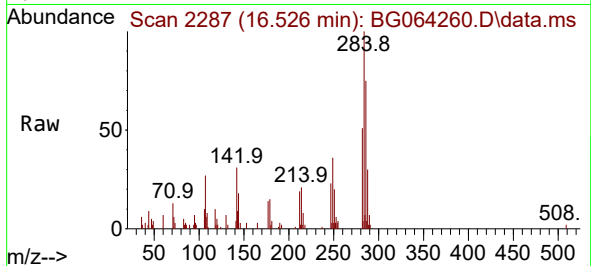
Tgt Ion:248 Resp: 13143
Ion Ratio Lower Upper
248 100
250 95.5 80.2 120.4
141 77.1 62.4 93.6





#68
Hexachlorobenzene
Concen: 9.594 ng
RT: 16.526 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

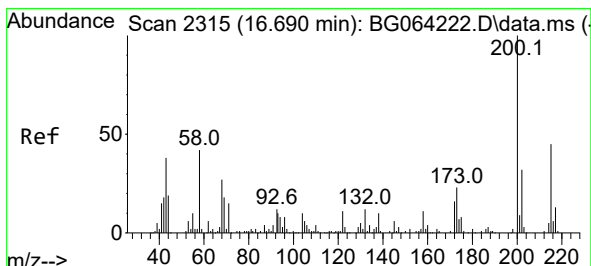
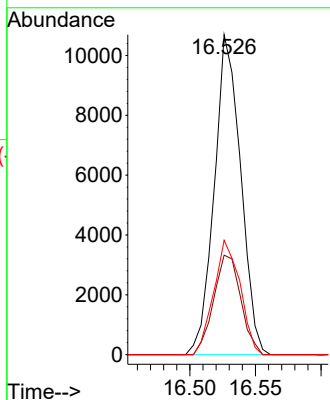
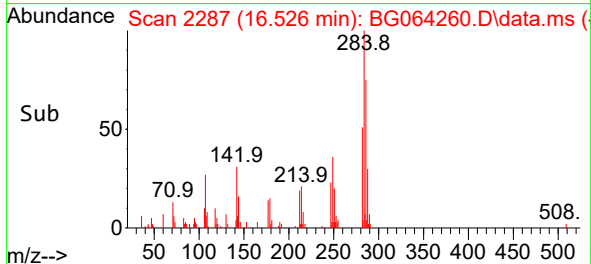
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



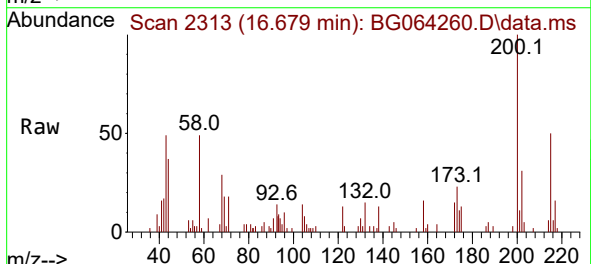
Tgt Ion:284 Resp: 14912
Ion Ratio Lower Upper
284 100
142 31.1 32.1 48.1
249 35.7 28.3 42.5

Manual Integrations
APPROVED

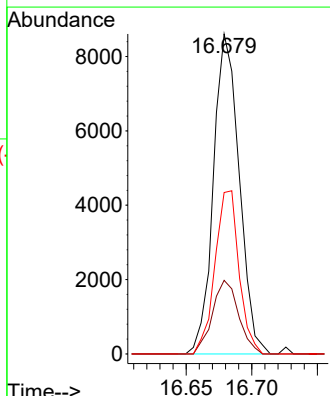
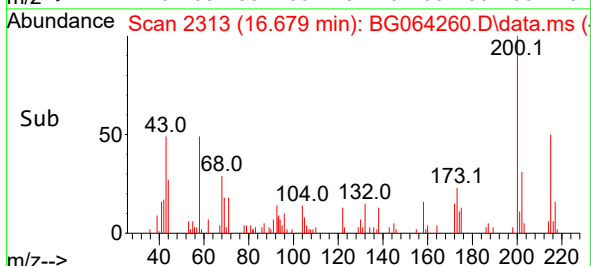
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

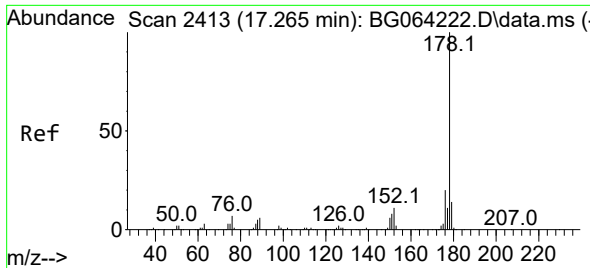


#69
Atrazine
Concen: 7.770 ng
RT: 16.679 min Scan# 2313
Delta R.T. -0.017 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



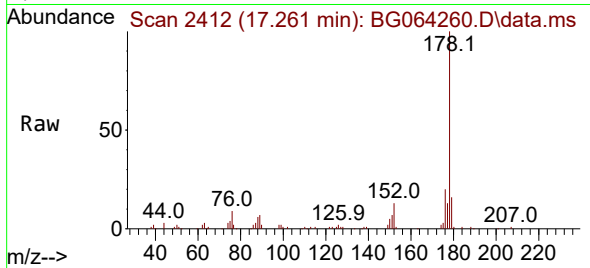
Tgt Ion:200 Resp: 11761
Ion Ratio Lower Upper
200 100
173 23.0 3.5 43.5
215 50.4 24.8 64.8





#71
Phenanthrene
Concen: 8.846 ng
RT: 17.261 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

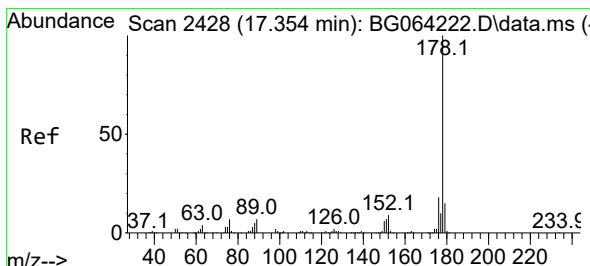
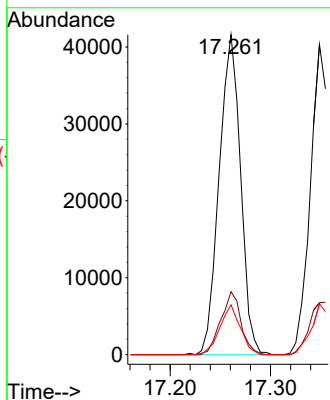
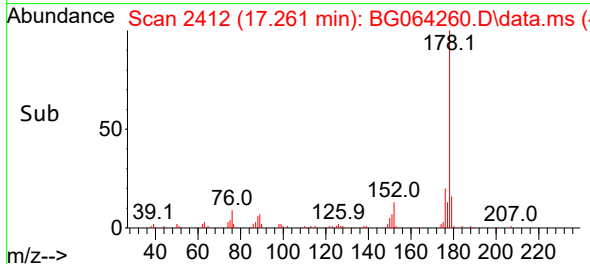
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



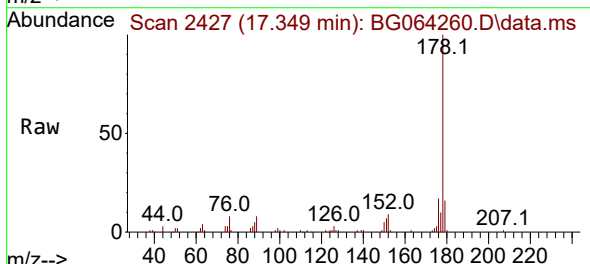
Tgt Ion:178 Resp: 61485
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.6 11.4 17.2

Manual Integrations
APPROVED

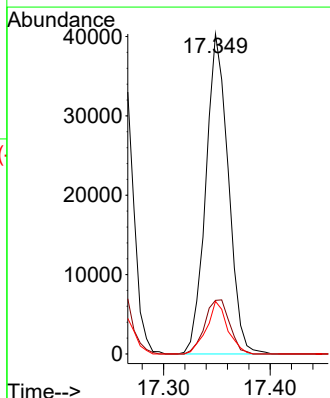
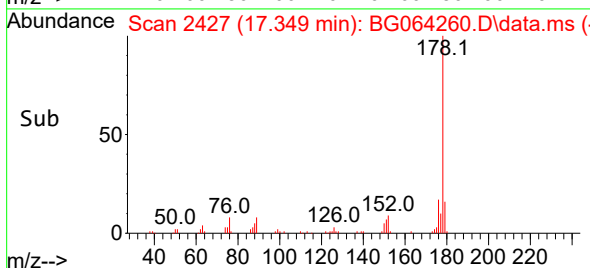
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

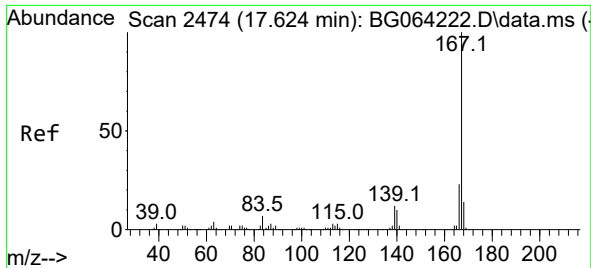


#72
Anthracene
Concen: 8.369 ng
RT: 17.349 min Scan# 2427
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



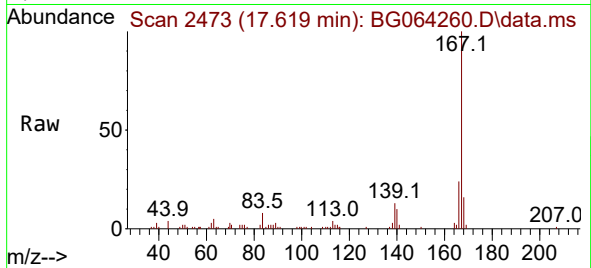
Tgt Ion:178 Resp: 59169
Ion Ratio Lower Upper
178 100
176 16.7 14.7 22.1
179 16.4 12.1 18.1





#73
Carbazole
Concen: 8.172 ng
RT: 17.619 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

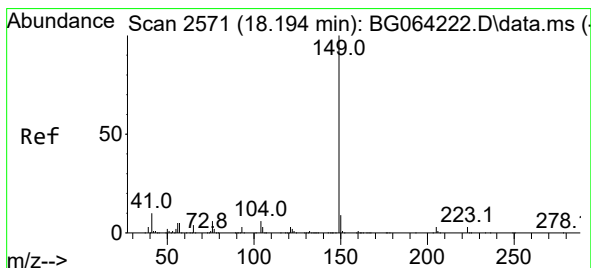
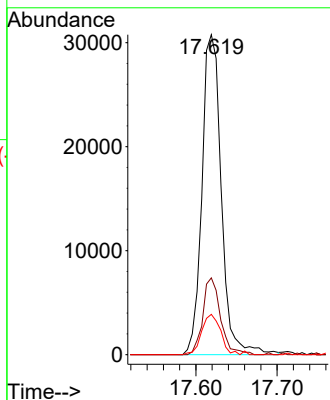
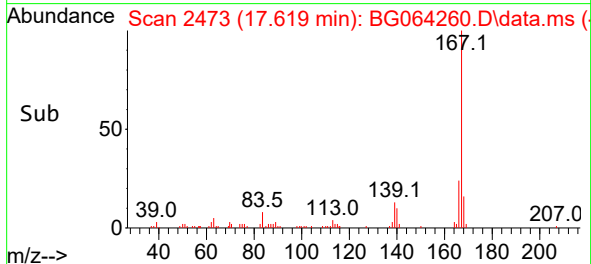
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



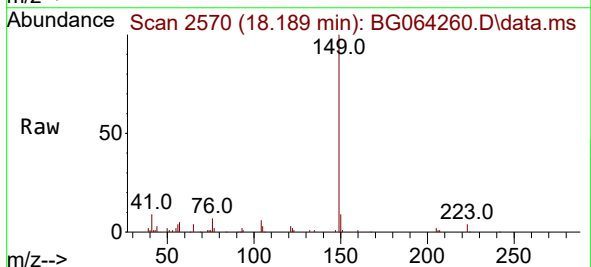
Tgt Ion:167 Resp: 50898
Ion Ratio Lower Upper
167 100
166 24.0 18.2 27.2
139 12.6 9.8 14.6

Manual Integrations
APPROVED

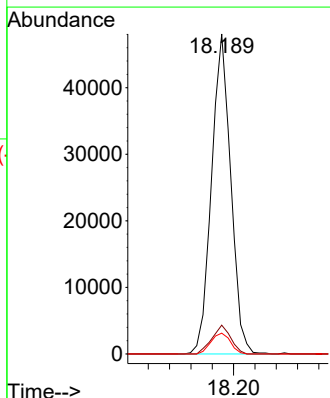
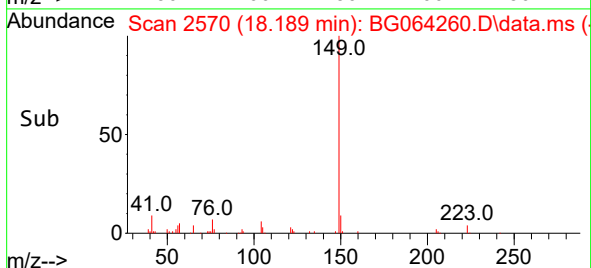
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

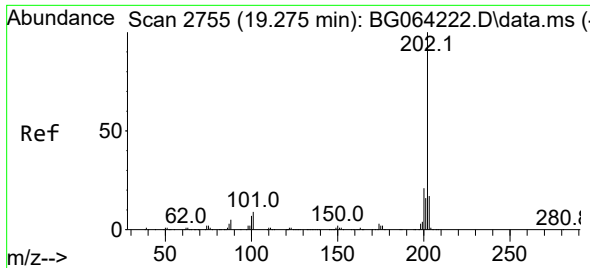


#74
Di-n-butylphthalate
Concen: 8.025 ng
RT: 18.189 min Scan# 2570
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



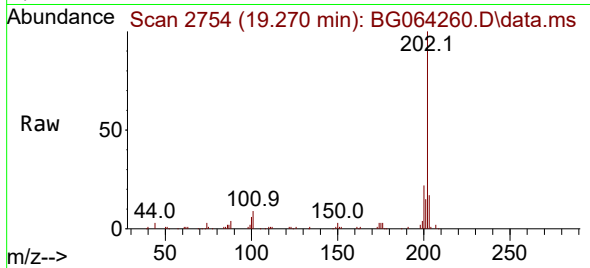
Tgt Ion:149 Resp: 60045
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 8.118 ng
RT: 19.270 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

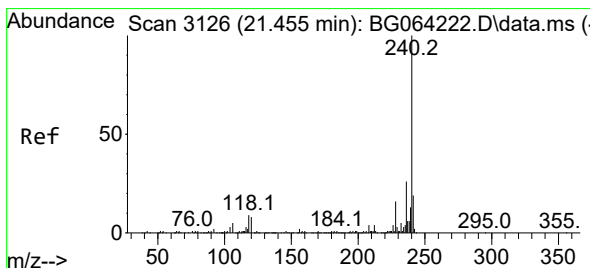
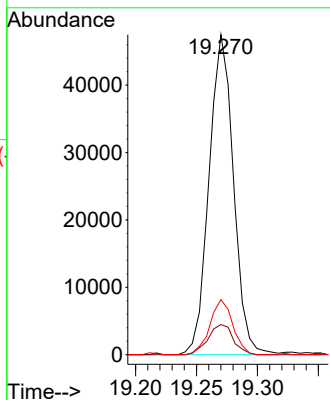
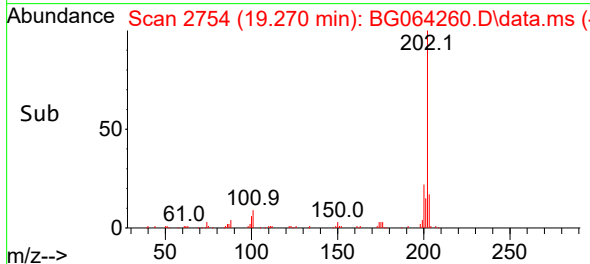
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:202 Resp: 66340
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.7
203 17.2 0.0 36.9

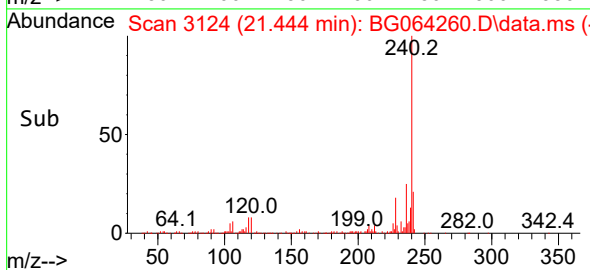
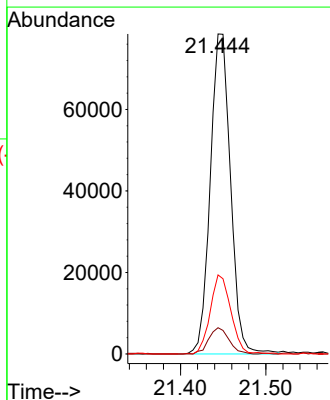
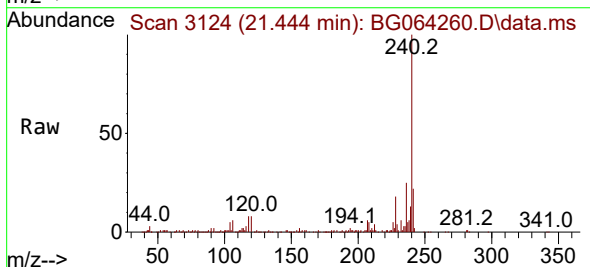
Manual Integrations
APPROVED

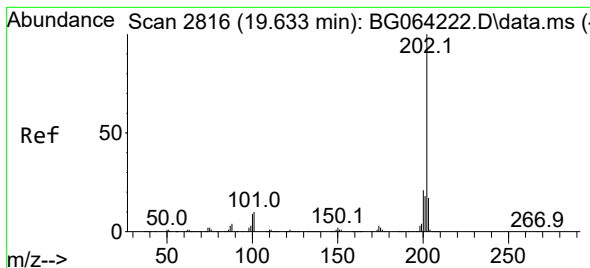
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:240 Resp: 129612
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.4
236 24.7 20.5 30.7





#78

Pyrene

Concen: 8.696 ng

RT: 19.628 min Scan# 2815

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

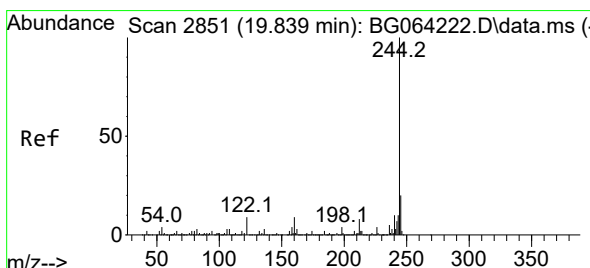
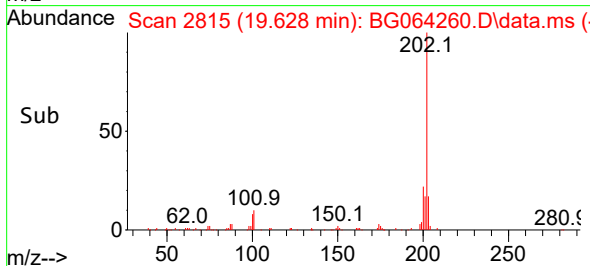
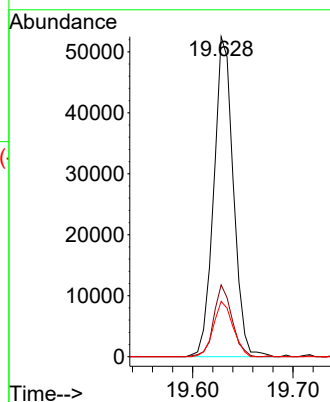
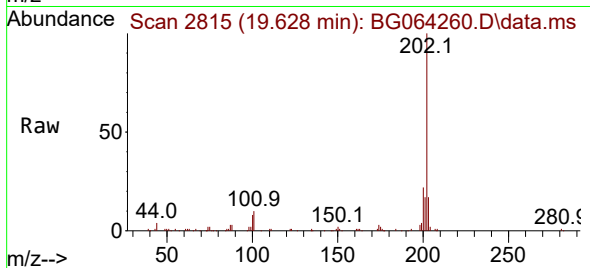
Tgt Ion:202 Resp: 7100
 Ion Ratio Lower Upper
 202 100
 200 22.5 16.9 25.3
 203 17.3 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#79

Terphenyl-d14

Concen: 169.753 ng

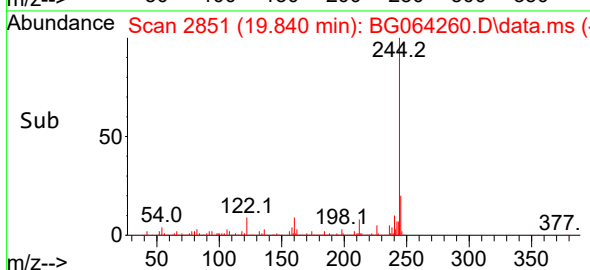
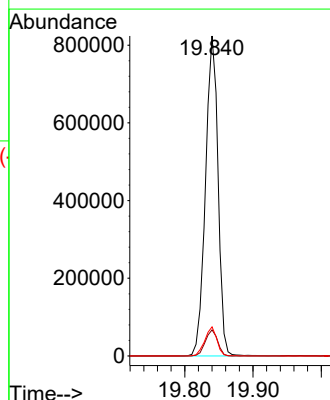
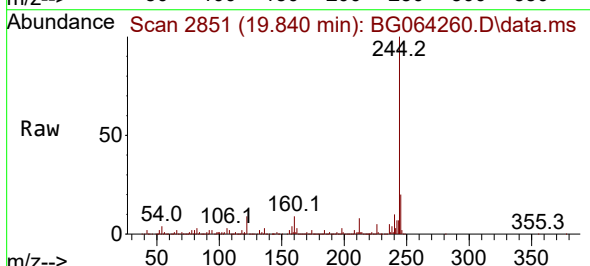
RT: 19.840 min Scan# 2851

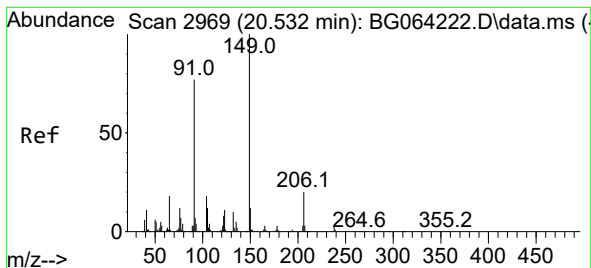
Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Tgt Ion:244 Resp: 1054571
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 9.1 7.0 10.6





#80

Butylbenzylphthalate

Concen: 9.418 ng

RT: 20.527 min Scan# 2968

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

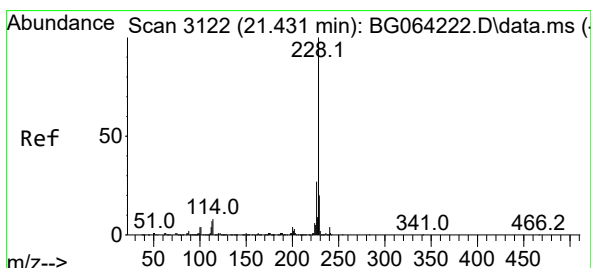
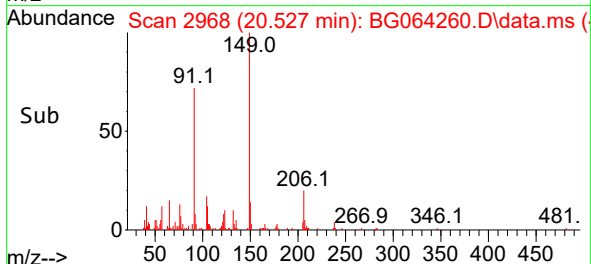
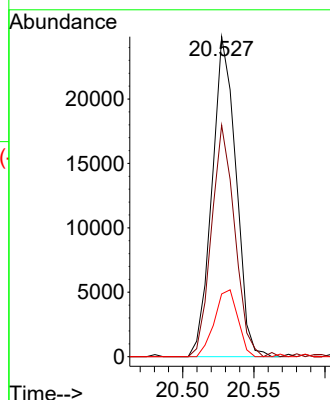
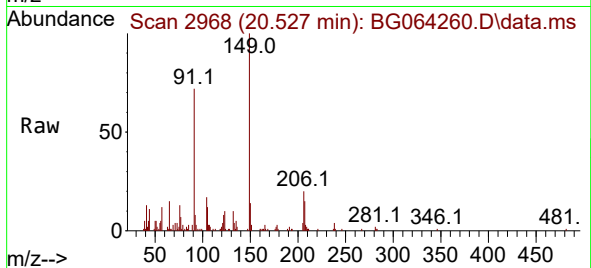
Tgt Ion:	149	Resp:	2900
Ion Ratio	Lower	Upper	
149	100		
91	72.3	61.4	92.0
206	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#81

Benzo(a)anthracene

Concen: 8.969 ng

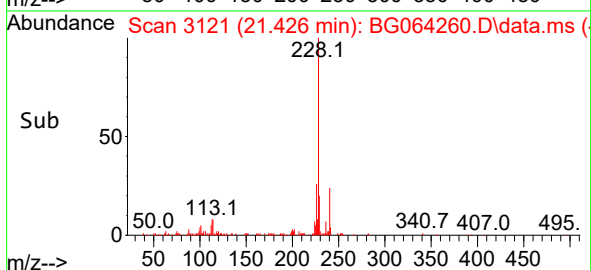
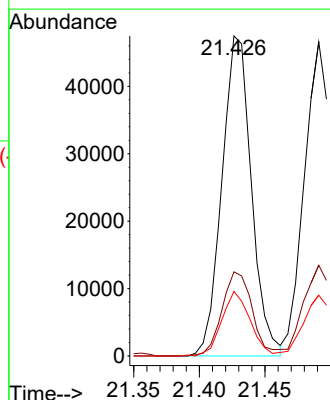
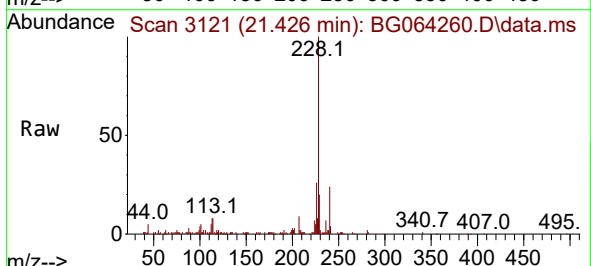
RT: 21.426 min Scan# 3121

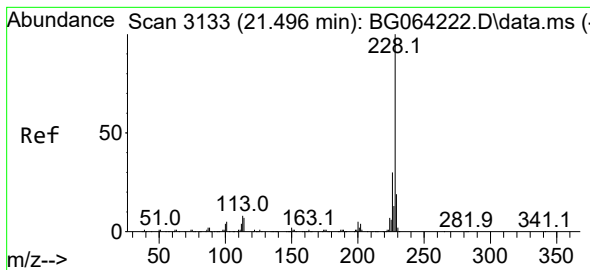
Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Tgt Ion:	228	Resp:	74373
Ion Ratio	Lower	Upper	
228	100		
226	26.3	21.7	32.5
229	20.2	15.9	23.9





#83

Chrysene

Concen: 9.107 ng

RT: 21.491 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

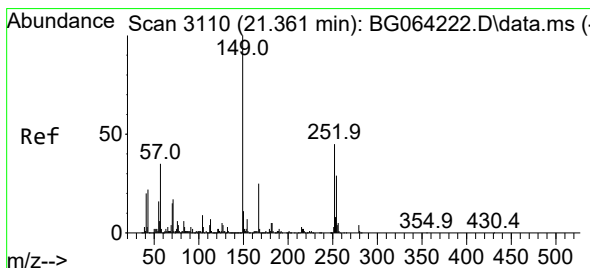
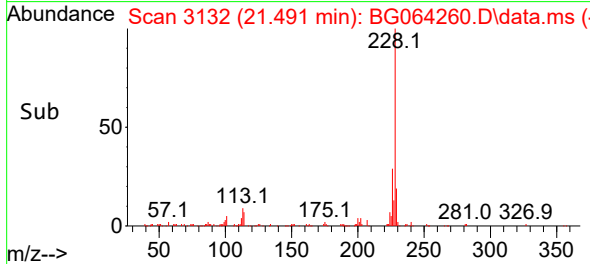
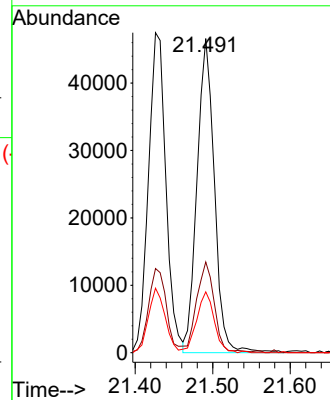
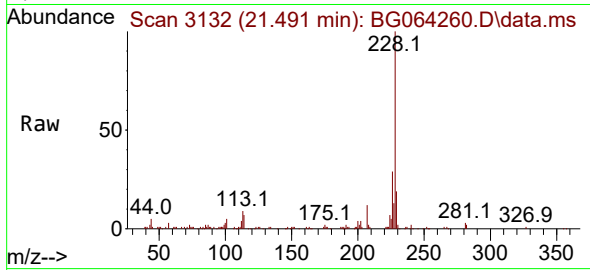
Tgt Ion:228 Resp: 72494
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.2 36.2
 229 19.4 15.4 23.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/04/2025

Supervised By :Jagrut Upadhyay 09/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.414 ng

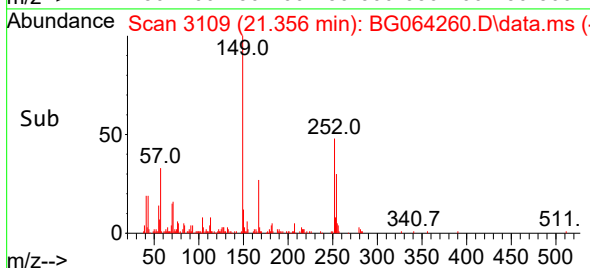
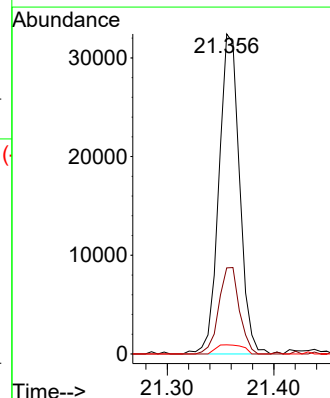
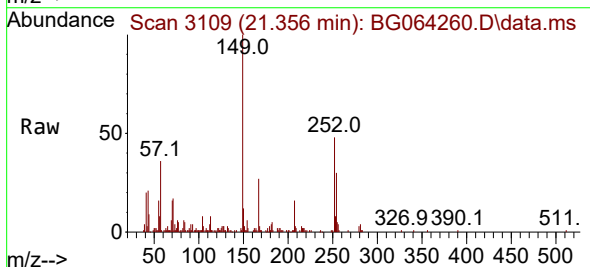
RT: 21.356 min Scan# 3109

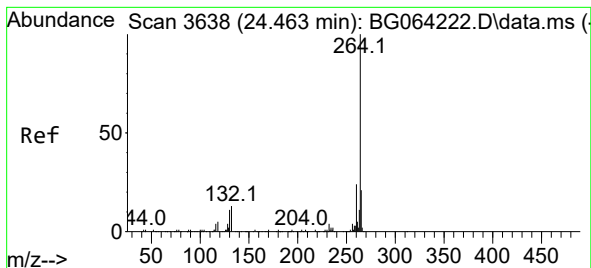
Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

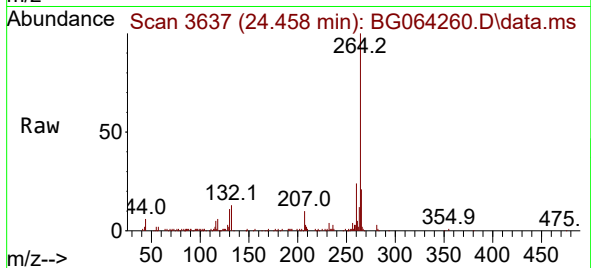
Tgt Ion:149 Resp: 43529
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.0 30.0
 279 2.8 3.0 4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

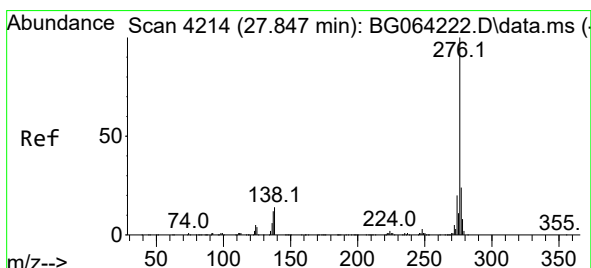
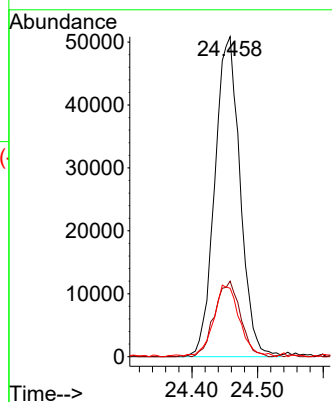
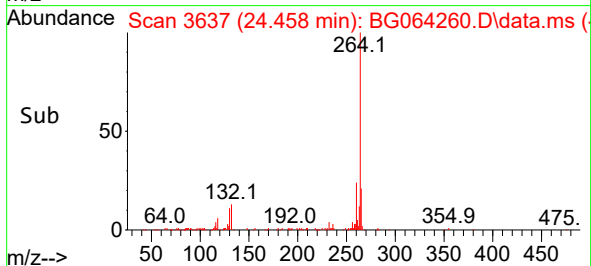
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:264 Resp: 136108
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.4 16.7 25.1

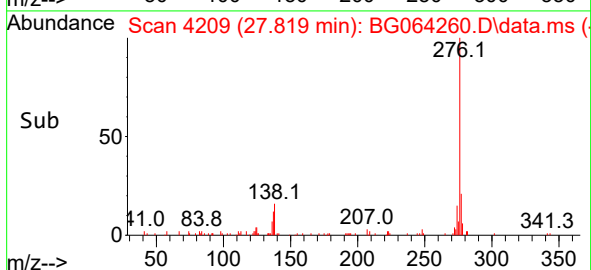
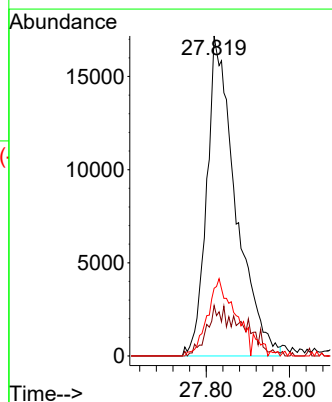
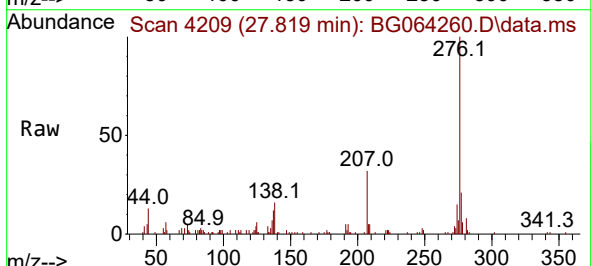
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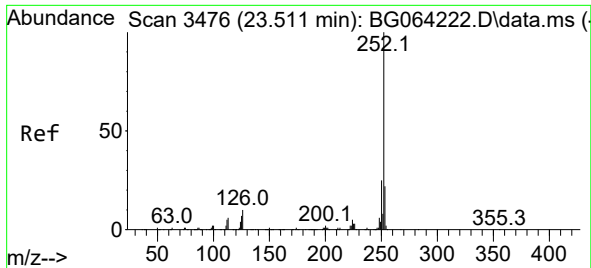
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.920 ng
RT: 27.819 min Scan# 4209
Delta R.T. -0.052 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

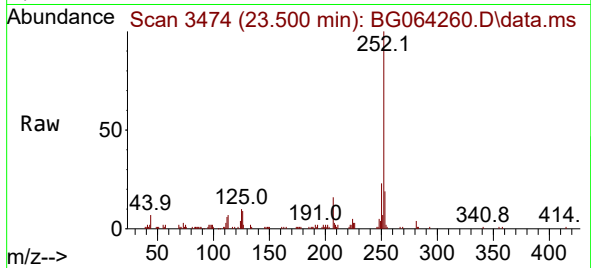
Tgt Ion:276 Resp: 82911
Ion Ratio Lower Upper
276 100
138 7.6 7.4 11.0
277 22.5 20.5 30.7





#88
Benzo(b)fluoranthene
Concen: 9.131 ng m
RT: 23.500 min Scan# 3476
Delta R.T. -0.017 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

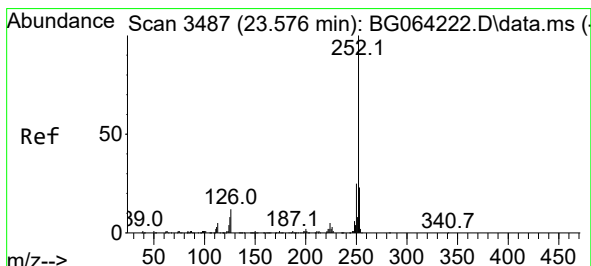
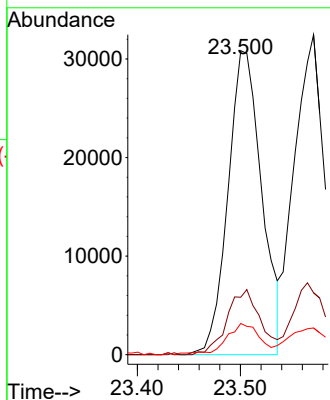
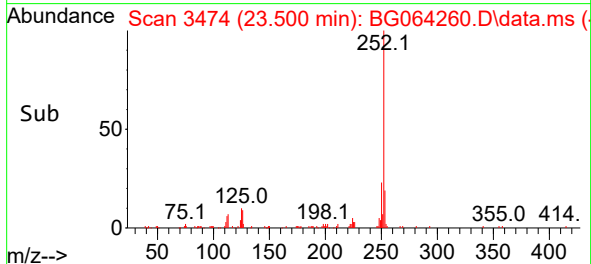
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion:252 Resp: 70144
Ion Ratio Lower Upper
252 100
253 18.9 17.5 26.3
125 10.3 5.9 8.9

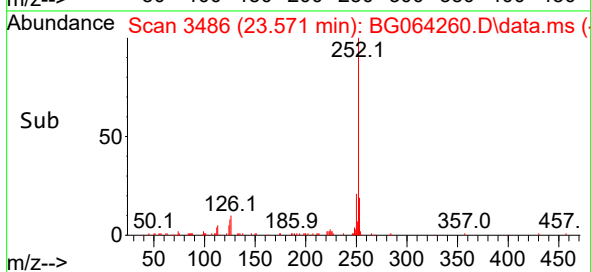
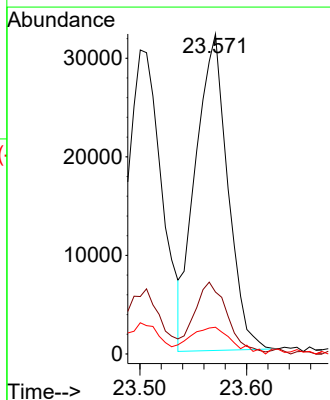
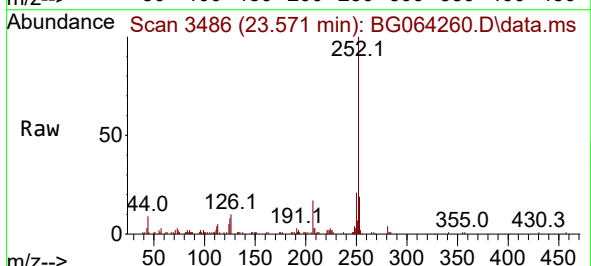
Manual Integrations
APPROVED

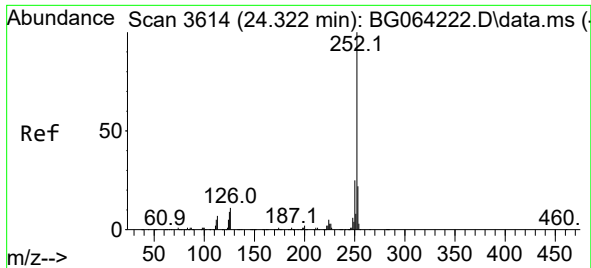
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#89
Benzo(k)fluoranthene
Concen: 8.595 ng
RT: 23.571 min Scan# 3486
Delta R.T. -0.017 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

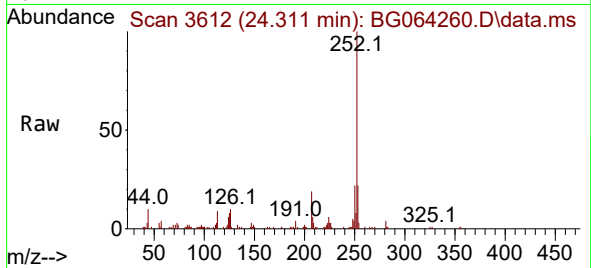
Tgt Ion:252 Resp: 67265
Ion Ratio Lower Upper
252 100
253 19.4 18.2 27.4
125 8.4 7.0 10.4





#90
Benzo(a)pyrene
Concen: 9.262 ng
RT: 24.311 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

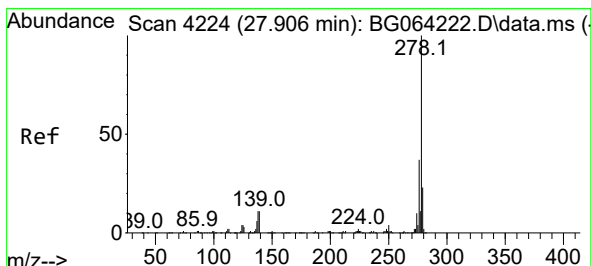
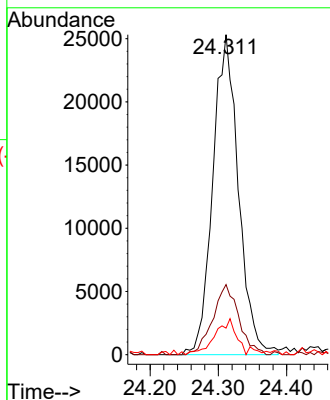
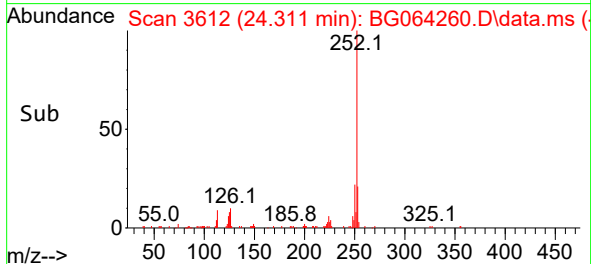
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:252 Resp: 6618
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.3 7.0 10.6

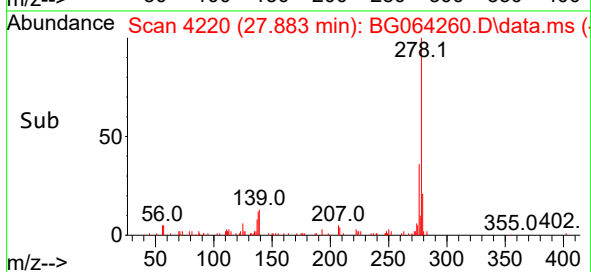
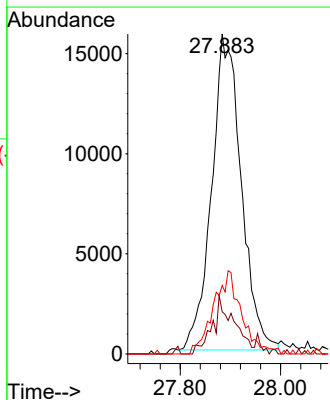
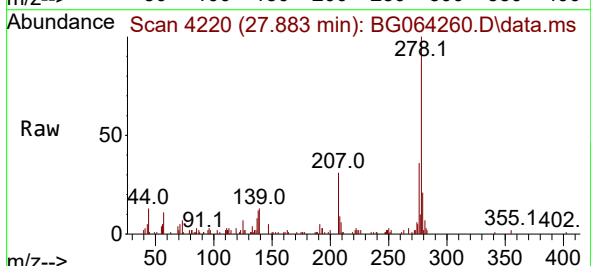
Manual Integrations
APPROVED

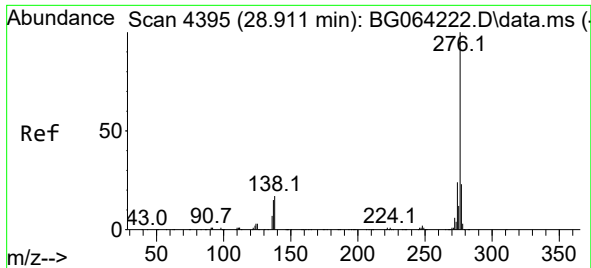
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025



#91
Dibenzo(a,h)anthracene
Concen: 8.648 ng
RT: 27.883 min Scan# 4220
Delta R.T. -0.040 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

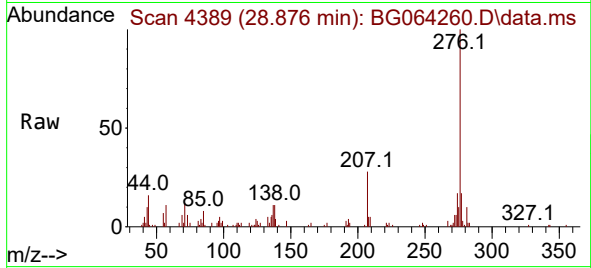
Tgt Ion:278 Resp: 64542
Ion Ratio Lower Upper
278 100
139 13.2 9.0 13.4
279 21.4 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 9.406 ng
RT: 28.876 min Scan# 41
Delta R.T. -0.058 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:276 Resp: 6830
Ion Ratio Lower Upper
276 100
277 17.4 18.2 27.4
138 15.3 13.3 19.9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

