

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032125\
 Data File : BG064124.D
 Acq On : 21 Mar 2025 10:39
 Operator : RC/JU
 Sample : Q1546-06
 Misc : MDL-MED-SOIL 4 ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-02

Quant Time: Mar 21 12:54:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 14:37:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	27934	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.646	136	129720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	99932	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	234640	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	229968	20.000	ng/ul	0.00
88) Perylene-d12	24.471	264	236227	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2708m	3.881	ng/uL	0.00
4) Pyridine-d5	3.737	84	49934	24.911	ng/ul	0.00
7) Phenol-d5	7.021	99	64346	25.458	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.191	67	41414	26.002	ng/ul	0.00
11) 2-Chlorophenol-d4	7.391	132	51882	25.722	ng/ul	0.00
15) 4-Methylphenol-d8	8.560	113	52111	24.305	ng/ul	0.00
21) Nitrobenzene-d5	9.007	128	25992	26.715	ng/ul	0.00
24) 2-Nitrophenol-d4	9.730	143	26446	25.882	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.264	165	52934	25.691	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	77722	26.903	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	206767	26.363	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	232116	26.614	ng/ul	0.00
54) 4-Nitrophenol-d4	14.665	143	30971	23.503	ng/ul	0.00
60) Fluorene-d10	15.476	176	188578	27.894	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.588	200	25978	20.530	ng/ul	0.00
73) Anthracene-d10	17.321	188	300315	25.523	ng/ul	0.00
81) Pyrene-d10	19.606	212	350426	27.620	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.266	264	357053	29.001	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.378	88	1261m	1.596	ng/uL	
5) Pyridine	3.754	79	9685	4.660	ng/ul#	71
6) Benzaldehyde	7.003	77	7367	4.958	ng/ul	92
8) Phenol	7.050	94	12467	4.729	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.285	93	9512	4.773	ng/ul#	85
12) 2-Chlorophenol	7.421	128	9477	4.637	ng/ul	98
13) 2-Methylphenol	8.296	108	9424	4.609	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.378	45	21727	4.653	ng/ul	98
16) Acetophenone	8.672	105	16651	4.771	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.666	70	8629	4.641	ng/ul#	92
18) 4-Methylphenol	8.619	108	10450	4.610	ng/ul	85
19) Hexachloroethane	8.936	117	4286	4.807	ng/ul	93
22) Nitrobenzene	9.048	77	12219	4.657	ng/ul#	94
23) Isophorone	9.571	82	24677	4.868	ng/ul	98
25) 2-Nitrophenol	9.765	139	5286	4.857	ng/ul#	84
26) 2,4-Dimethylphenol	9.824	107	6038	2.455	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.065	93	13348	4.671	ng/ul#	95
29) 2,4-Dichlorophenol	10.294	162	9275	4.629	ng/ul	95
30) Naphthalene	10.699	128	35689	5.058	ng/ul	97
32) 4-Chloroaniline	10.799	127	14022	5.025	ng/ul	99
33) Hexachlorobutadiene	10.993	225	8031	5.236	ng/ul	89
34) Caprolactam	11.563	113	3821m	4.951	ng/ul	
35) 4-Chloro-3-methylphenol	11.921	107	10856	4.311	ng/ul	92
36) 2-Methylnaphthalene	12.309	142	25466	4.996	ng/ul	96

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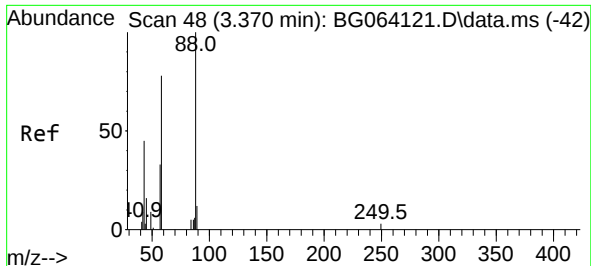
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.526	142	24284	4.689	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.679	216	14366	4.763	ng/ul#	88
40) Hexachlorocyclopentadiene	12.662	237	6784	4.038	ng/ul#	82
41) 2,4,6-Trichlorophenol	12.920	196	7846	4.116	ng/ul#	77
42) 2,4,5-Trichlorophenol	12.985	196	8237	3.989	ng/ul	96
43) 1,1'-Biphenyl	13.314	154	35649	4.657	ng/ul	93
44) 2-Chloronaphthalene	13.361	162	26500	4.599	ng/ul	97
45) 2-Nitroaniline	13.555	65	8077	4.124	ng/ul#	78
47) Dimethylphthalate	13.942	163	35116	4.738	ng/ul	99
48) 2,6-Dinitrotoluene	14.054	165	6080	4.372	ng/ul	96
50) Acenaphthylene	14.207	152	42192	4.710	ng/ul	96
51) 3-Nitroaniline	14.377	138	5862	4.175	ng/ul#	94
52) Acenaphthene	14.553	153	32594	4.942	ng/ul	98
53) 2,4-Dinitrophenol	14.583	184	2848	4.042	ng/ul#	83
55) 4-Nitrophenol	14.683	109	6701	4.483	ng/ul#	78
56) Dibenzofuran	14.882	168	44681	4.847	ng/ul	95
57) 2,4-Dinitrotoluene	14.835	165	9739	4.561	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.106	232	8441	4.516	ng/ul#	96
59) Diethylphthalate	15.305	149	39843	4.995	ng/ul#	93
61) Fluorene	15.529	166	38030	5.050	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.529	204	19549	5.233	ng/ul	94
63) 4-Nitroaniline	15.541	138	5341	3.639	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.599	198	5647	4.170	ng/ul#	80
67) N-Nitrosodiphenylamine	15.740	169	32197	4.688	ng/ul	98
68) 4-Bromophenyl-phenylether	16.422	248	12386	4.820	ng/ul	92
69) Hexachlorobenzene	16.533	284	13914	4.843	ng/ul#	92
70) Atrazine	16.686	200	15158	5.550	ng/ul	94
71) Pentachlorophenol	16.880	266	7348	4.274	ng/ul	90
72) Phenanthrene	17.268	178	65087	4.963	ng/ul	97
74) Anthracene	17.356	178	63922	4.762	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.278	216	12576	3.857	ng/ul	94
76) Pentachlorobenzene	14.800	250	14373	4.220	ng/ul	91
77) Carbazole	17.620	167	53324	4.580	ng/ul	97
78) Di-n-butylphthalate	18.196	149	64337	4.322	ng/ul#	94
80) Fluoranthene	19.277	202	71908	4.784	ng/ul	98
82) Pyrene	19.636	202	79288	4.974	ng/ul	97
83) Butylbenzylphthalate	20.541	149	28867	4.548	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.357	252	24579	5.418	ng/ul	92
85) Benzo(a)anthracene	21.434	228	79260	4.974	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	45311	4.758	ng/ul	93
87) Chrysene	21.498	228	74239	4.901	ng/ul	98
89) Di-n-octyl phthalate	22.515	149	74161	4.792	ng/ul	100
90) Benzo(b)fluoranthene	23.519	252	75648	5.184	ng/ul	94
91) Benzo(k)fluoranthene	23.578	252	74276	4.990	ng/ul	99
93) Benzo(a)pyrene	24.318	252	68198	4.950	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.855	276	81438m	4.722	ng/ul	
95) Dibenzo(a,h)anthracene	27.926	278	67961m	4.947	ng/ul	
96) Benzo(g,h,i)perylene	28.901	276	65769m	4.919	ng/ul	

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



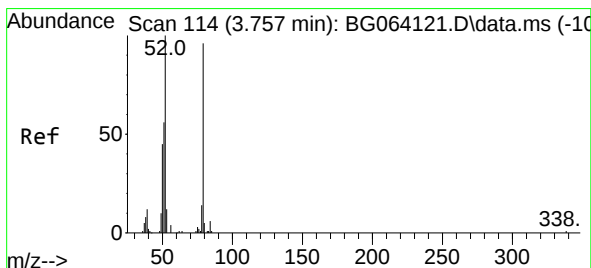
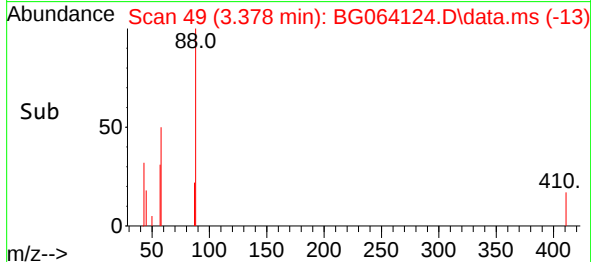
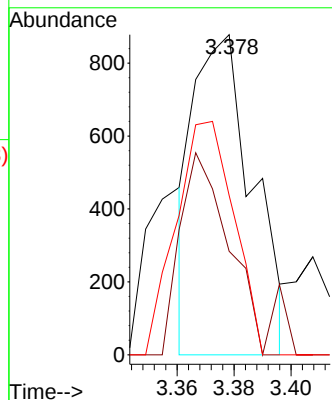
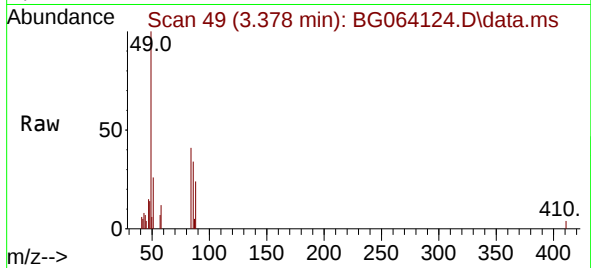
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1,4-Dioxane
Concen: 1.596 ng/uL m
RT: 3.378 min Scan# 48
Delta R.T. 0.009 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
43 32.3 38.4 57.6
58 49.8 71.7 107.5

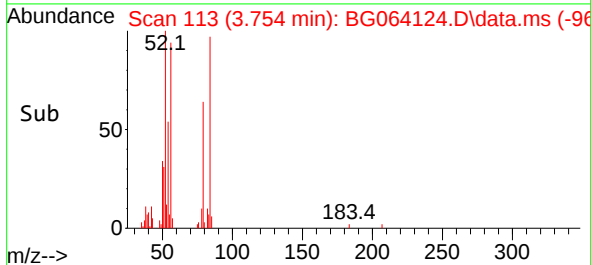
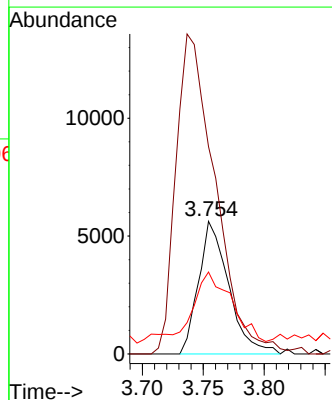
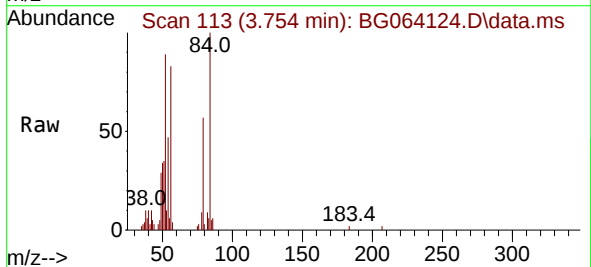
Manual Integrations
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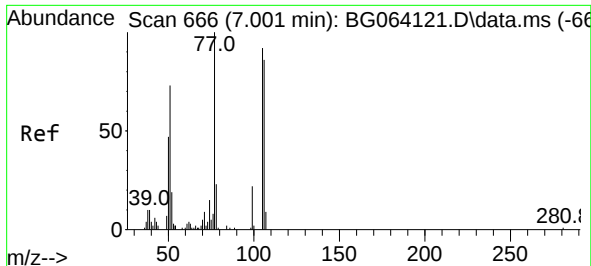
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#5
Pyridine
Concen: 4.660 ng/uL
RT: 3.754 min Scan# 113
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

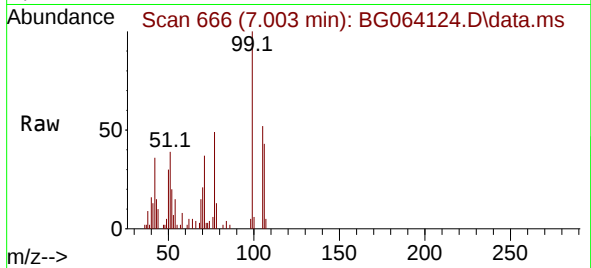
Tgt Ion: 79 Resp: 9685
Ion Ratio Lower Upper
79 100
52 156.3 91.0 136.4
51 61.8 45.4 68.0





#6
Benzaldehyde
Concen: 4.958 ng/ul
RT: 7.003 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

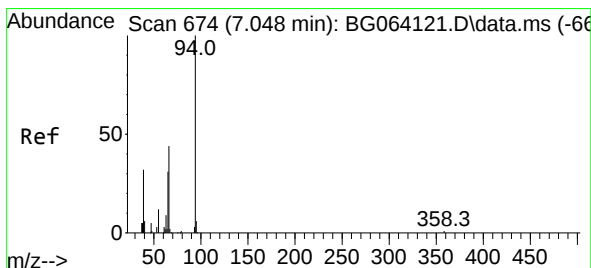
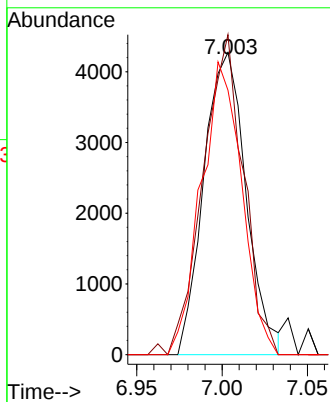
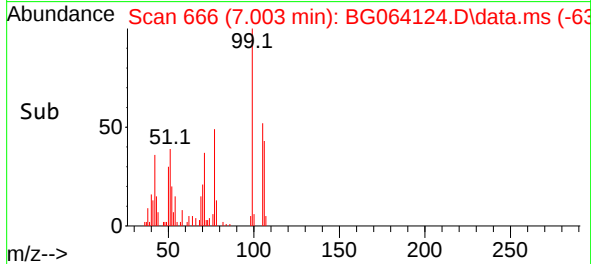
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion: 77 Resp: 736
Ion Ratio Lower Upper
77 100
105 105.9 78.6 117.8
106 87.5 75.8 113.6

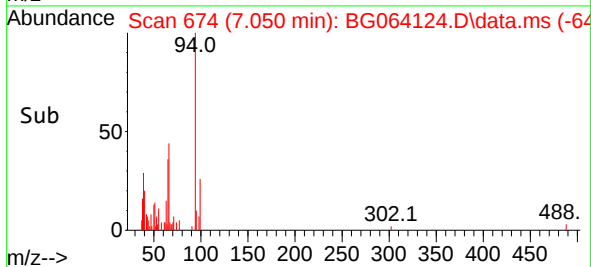
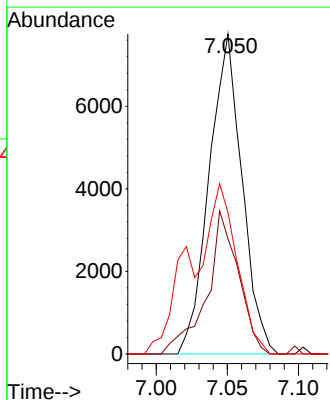
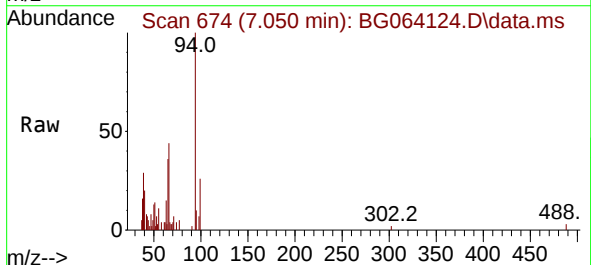
Manual Integrations
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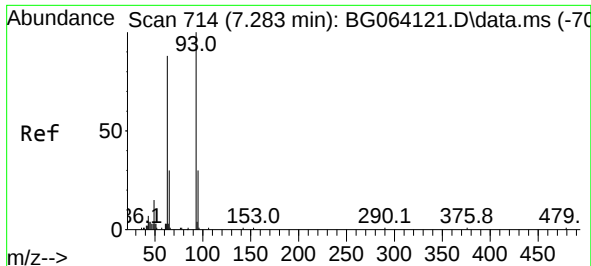
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#8
Phenol
Concen: 4.729 ng/ul
RT: 7.050 min Scan# 674
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

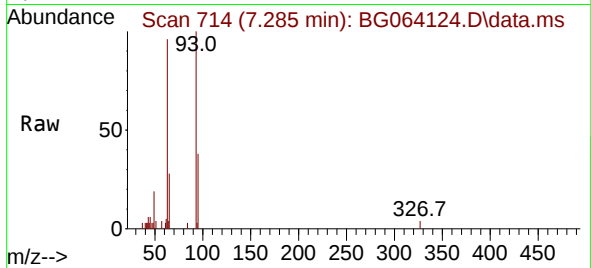
Tgt Ion: 94 Resp: 12467
Ion Ratio Lower Upper
94 100
65 36.0 25.0 37.6
66 44.2 37.6 56.4





#10
Bis(2-Chloroethyl)ether
Concen: 4.773 ng/ul
RT: 7.285 min Scan# 714
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

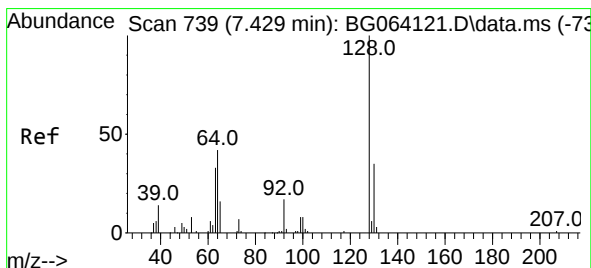
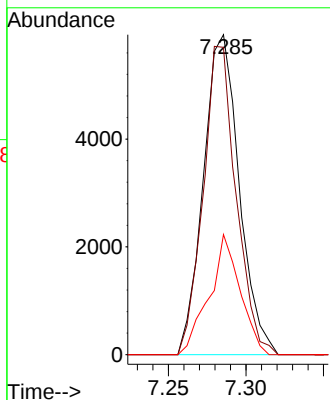
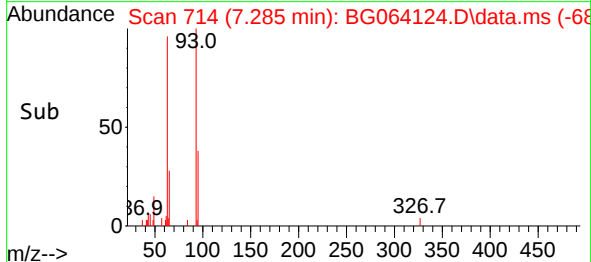
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion: 93 Resp: 951
Ion Ratio Lower Upper
93 100
63 96.0 66.2 99.2
95 37.6 23.5 35.3

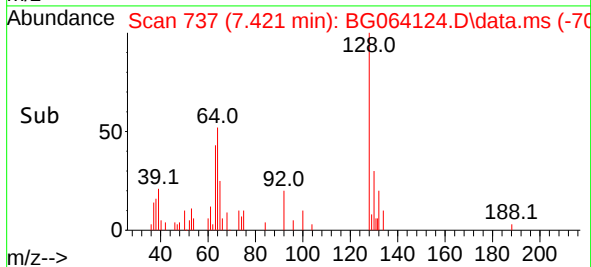
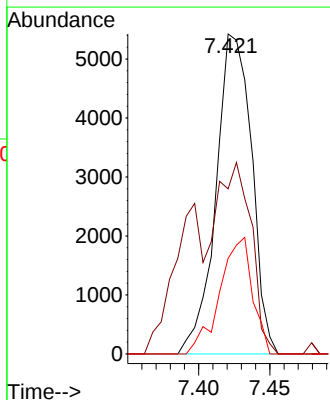
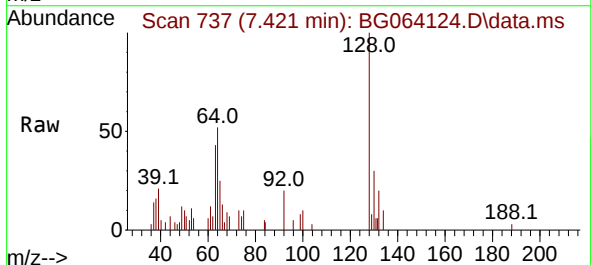
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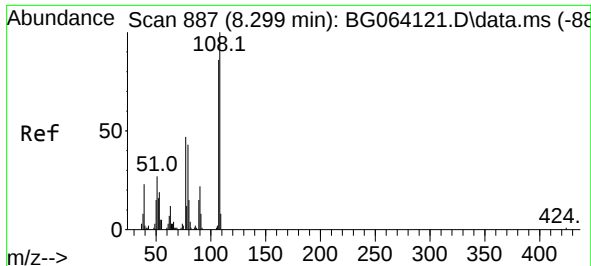
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#12
2-Chlorophenol
Concen: 4.637 ng/ul
RT: 7.421 min Scan# 737
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Tgt Ion:128 Resp: 9477
Ion Ratio Lower Upper
128 100
64 51.6 41.8 62.6
130 29.9 25.8 38.8





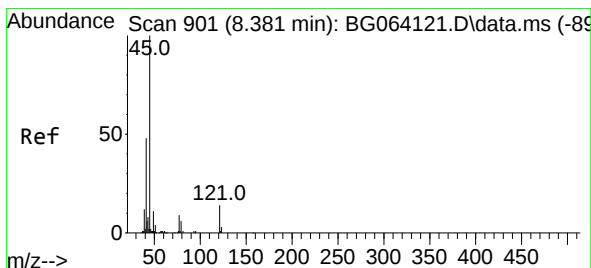
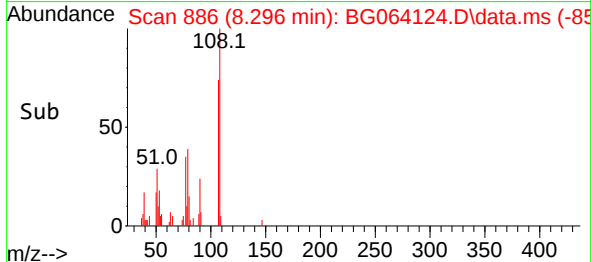
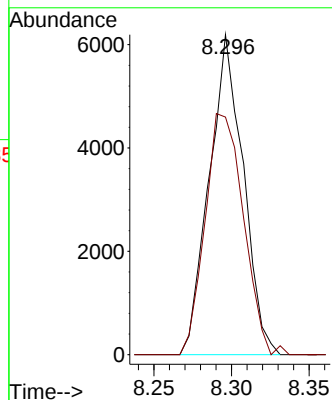
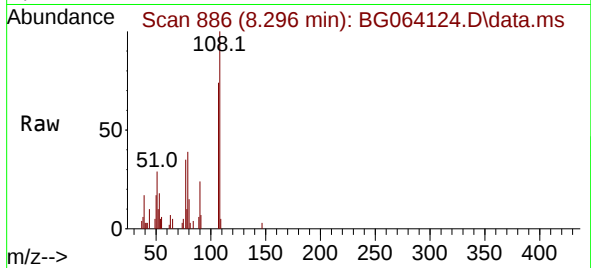
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2-Methylphenol
Concen: 4.609 ng/ul
RT: 8.296 min Scan# 887
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02

Tgt Ion:108 Resp: 9424
Ion Ratio Lower Upper
108 100
107 74.3 67.6 101.4

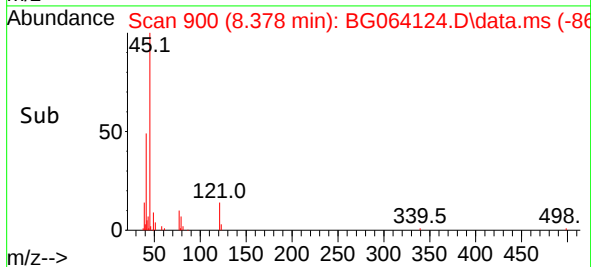
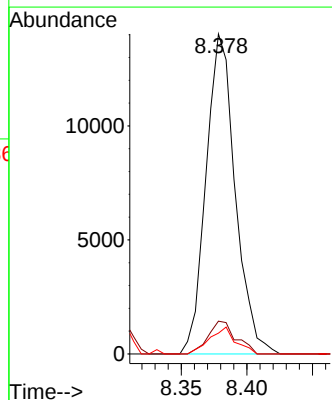
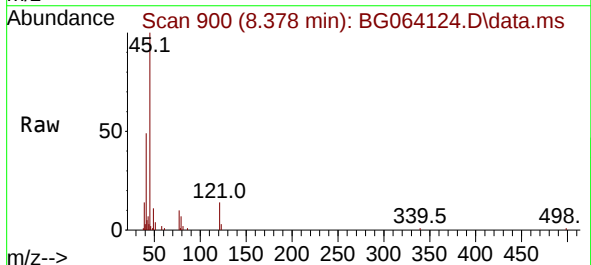
Manual Integrations
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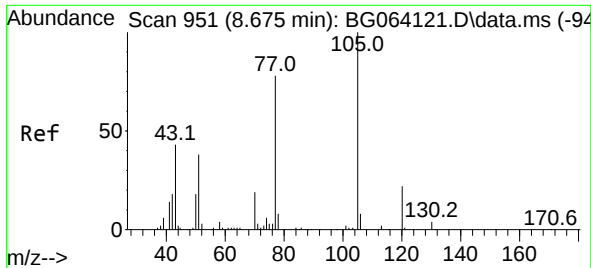
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.653 ng/ul
RT: 8.378 min Scan# 900
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

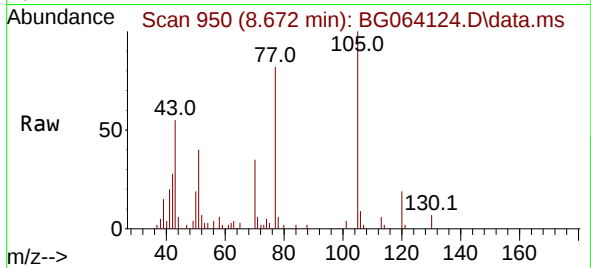
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Ion Ratio Lower Upper
45 100
77 10.3 7.8 11.6
79 6.5 5.9 8.9





#16
Acetophenone
Concen: 4.771 ng/ul
RT: 8.672 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

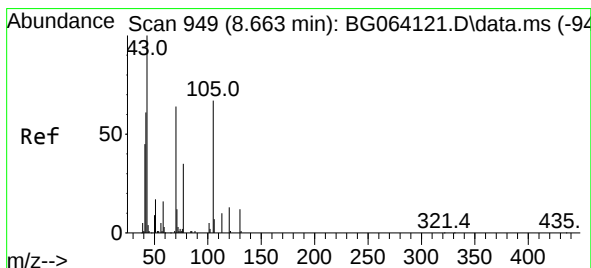
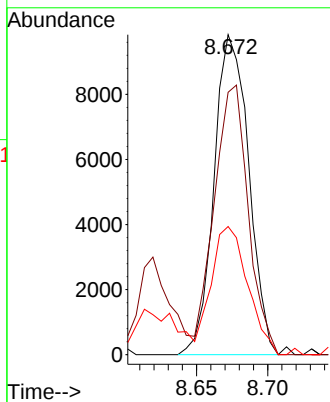
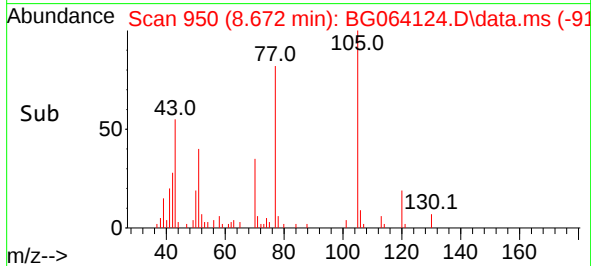
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:105 Resp: 1665
Ion Ratio Lower Upper
105 100
77 82.0 68.8 103.2
51 40.1 31.0 46.6

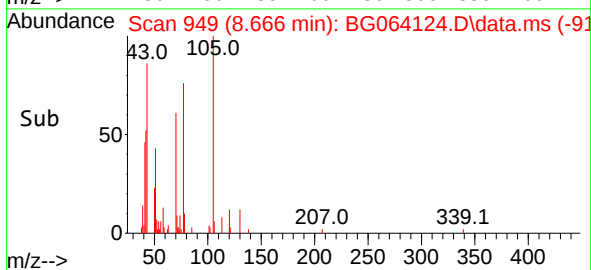
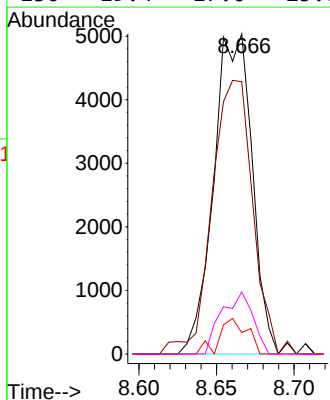
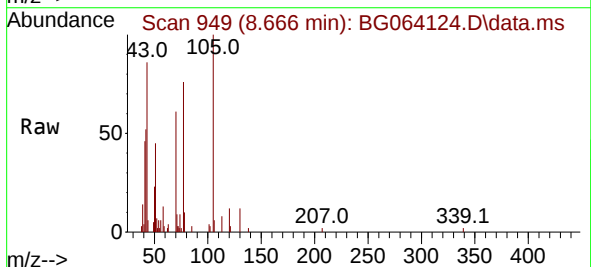
Manual Integrations
APPROVED

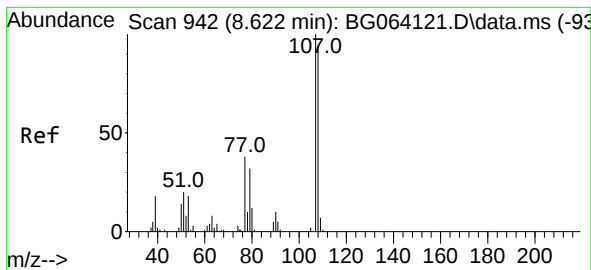
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#17
N-Nitroso-di-n-propylamine
Concen: 4.641 ng/ul
RT: 8.666 min Scan# 949
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Tgt Ion: 70 Resp: 8629
Ion Ratio Lower Upper
70 100
42 85.1 74.9 112.3
101 6.6 8.5 12.7#
130 19.4 17.0 25.6





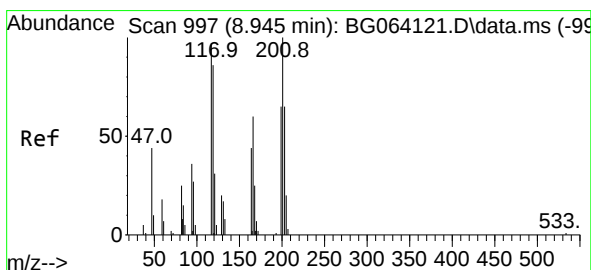
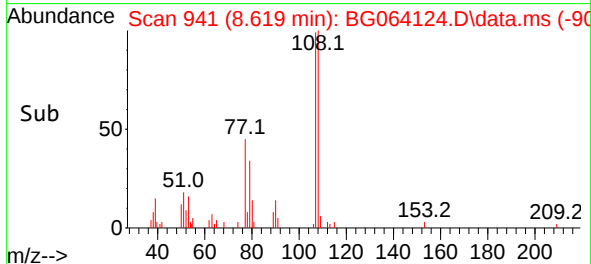
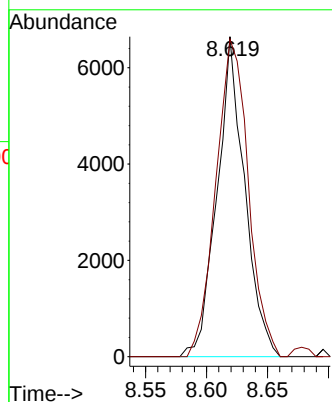
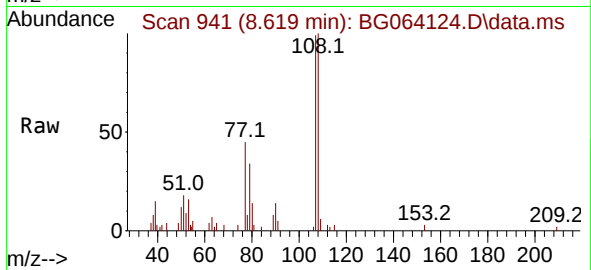
#18
4-Methylphenol
Concen: 4.610 ng/ul
RT: 8.619 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02

Tgt Ion:108 Resp: 10450
Ion Ratio Lower Upper
108 100
107 99.2 92.4 138.6

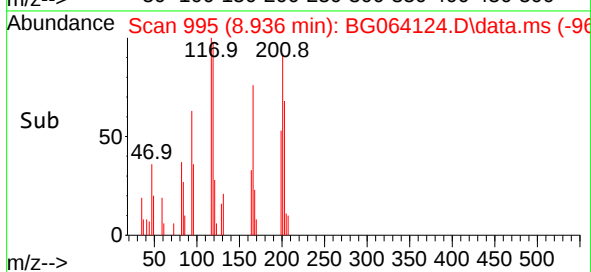
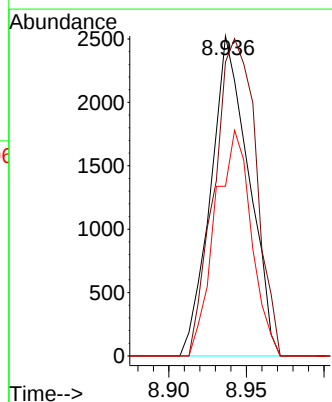
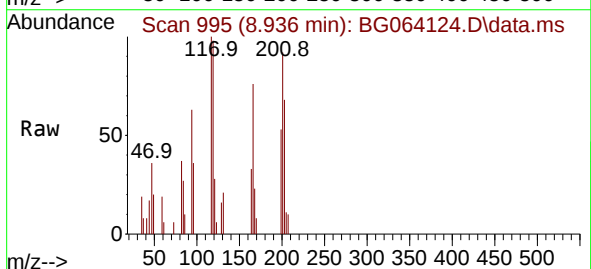
Manual Integrations
APPROVED

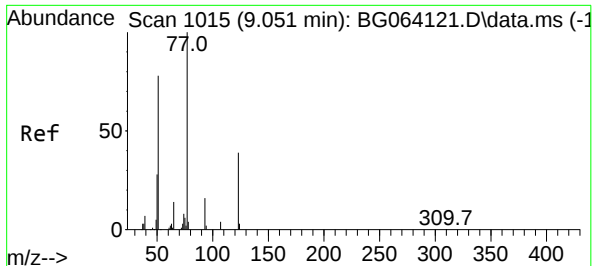
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#19
Hexachloroethane
Concen: 4.807 ng/ul
RT: 8.936 min Scan# 995
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

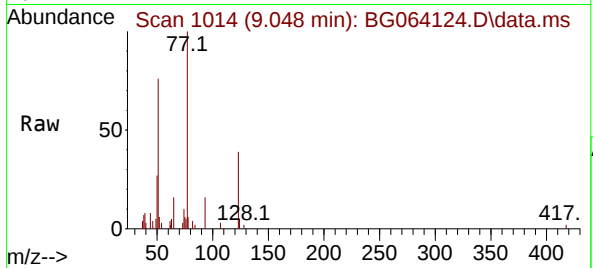
Tgt Ion:117 Resp: 4286
Ion Ratio Lower Upper
117 100
201 91.9 77.4 116.0
199 53.1 49.0 73.6





#22
Nitrobenzene
Concen: 4.657 ng/ul
RT: 9.048 min Scan# 1103
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

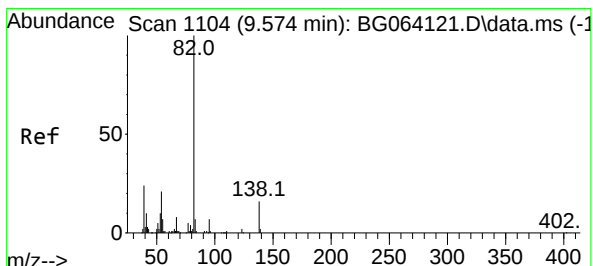
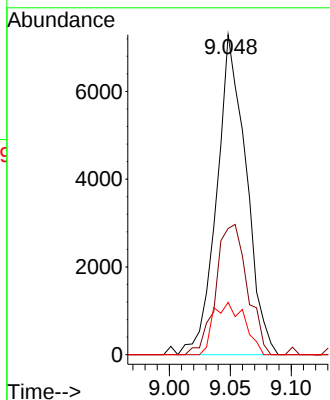
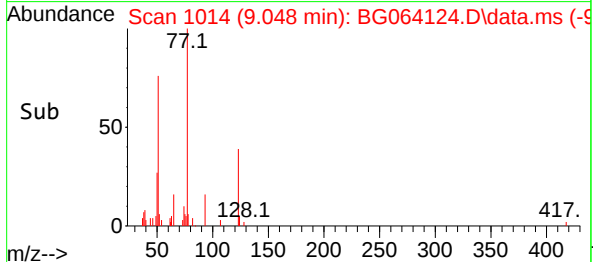
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion: 77 Resp: 12219
Ion Ratio Lower Upper
77 100
123 39.5 29.8 44.8
65 16.3 9.3 13.9

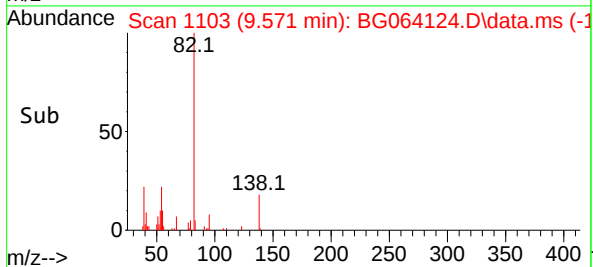
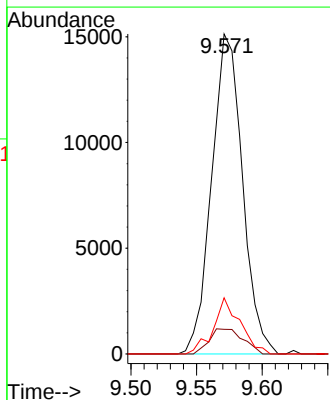
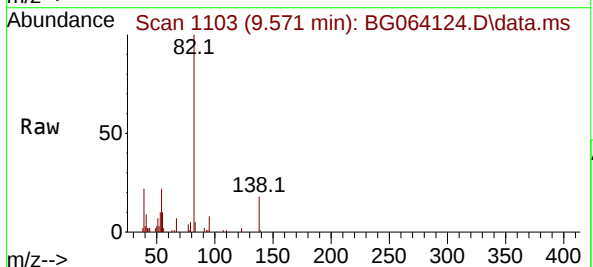
Manual Integrations
APPROVED

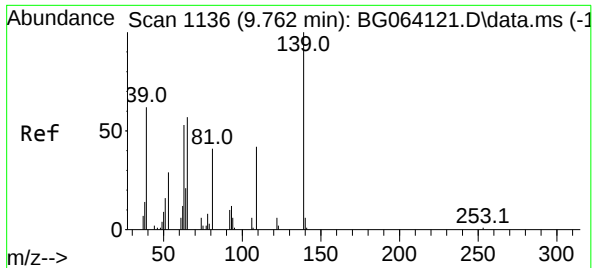
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#23
Isophorone
Concen: 4.868 ng/ul
RT: 9.571 min Scan# 1103
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Tgt Ion: 82 Resp: 24677
Ion Ratio Lower Upper
82 100
95 7.7 7.2 10.8
138 17.6 13.7 20.5





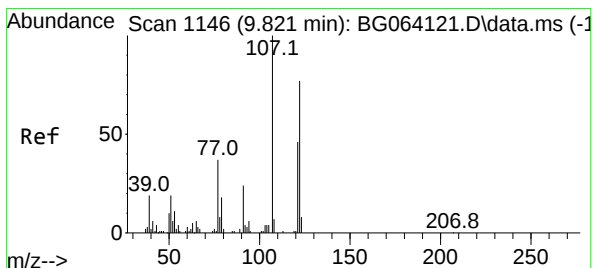
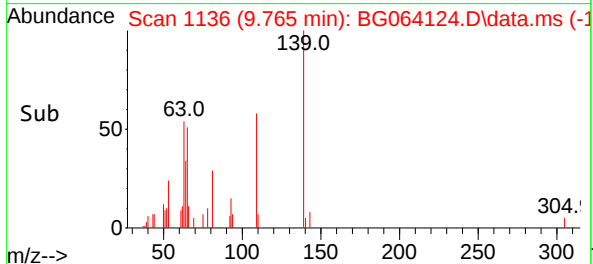
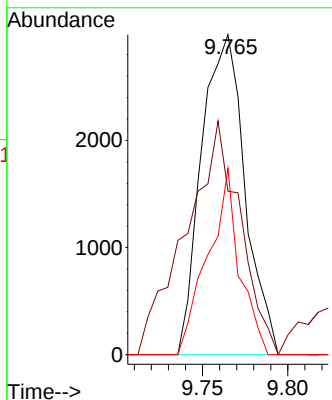
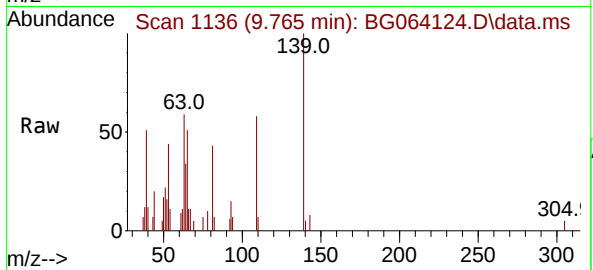
#25
2-Nitrophenol
Concen: 4.857 ng/ul
RT: 9.765 min Scan# 1136
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Tgt Ion:139 Resp: 5280
Ion Ratio Lower Upper
139 100
65 51.1 57.4 86.0
109 58.3 43.8 65.6

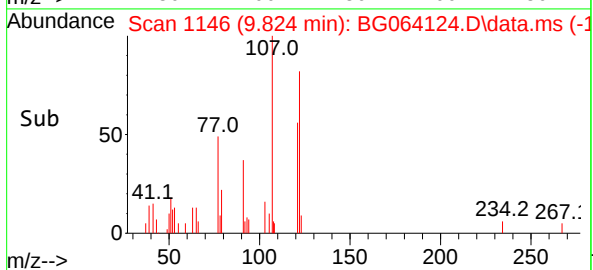
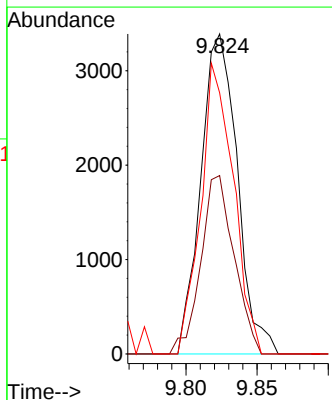
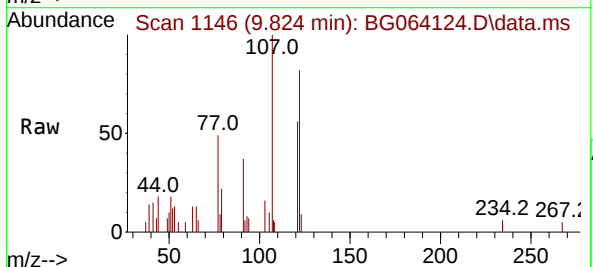
Manual Integrations
APPROVED

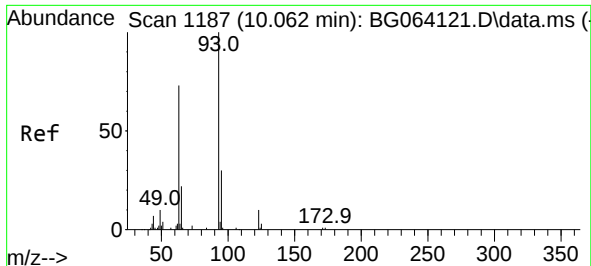
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#26
2,4-Dimethylphenol
Concen: 2.455 ng/ul
RT: 9.824 min Scan# 1146
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

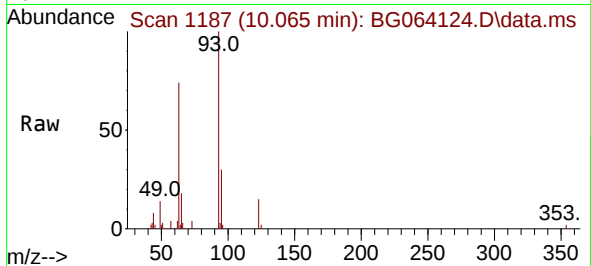
Tgt Ion:107 Resp: 6038
Ion Ratio Lower Upper
107 100
121 52.6 37.0 55.6
122 76.9 62.1 93.1





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.671 ng/ul
 RT: 10.065 min Scan# 1187
 Delta R.T. 0.003 min
 Lab File: BG064124.D
 Acq: 21 Mar 2025 10:39

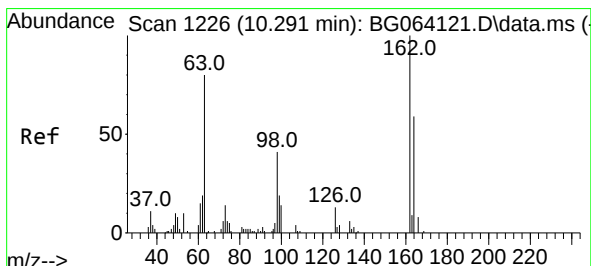
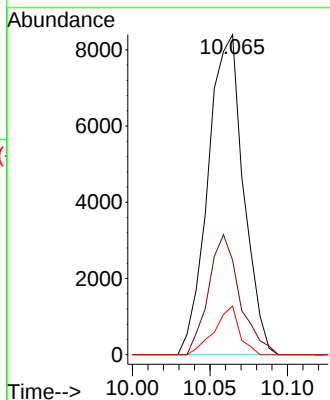
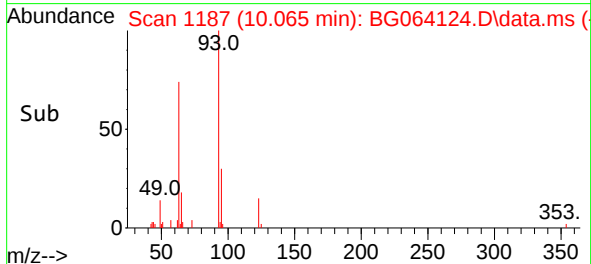
Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-02



Tgt Ion: 93	Resp: 1334
Ion Ratio	Lower Upper
93 100	
95 29.5	24.9 37.3
123 15.2	9.0 13.6

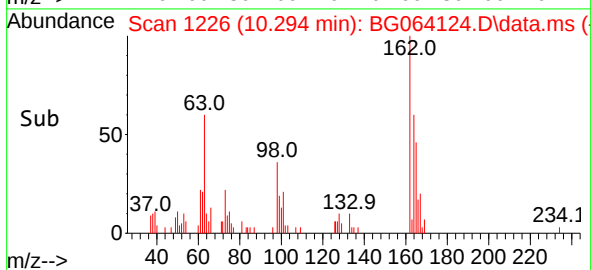
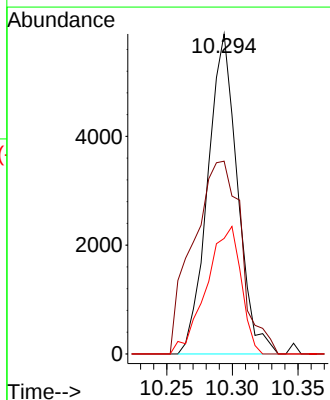
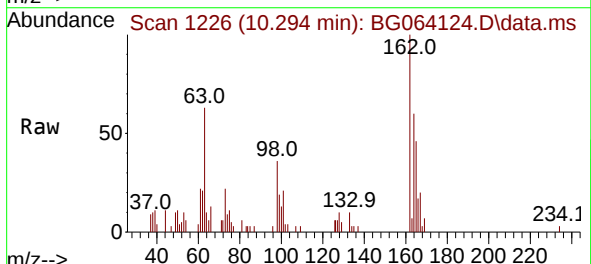
Manual Integrations
 APPROVED

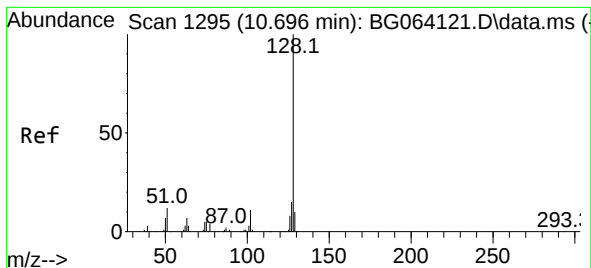
Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025



#29
 2,4-Dichlorophenol
 Concen: 4.629 ng/ul
 RT: 10.294 min Scan# 1226
 Delta R.T. -0.003 min
 Lab File: BG064124.D
 Acq: 21 Mar 2025 10:39

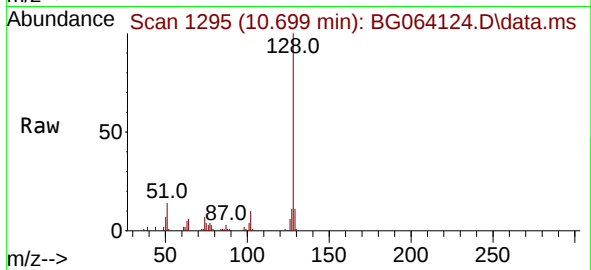
Tgt Ion:162	Resp: 9275
Ion Ratio	Lower Upper
162 100	
164 60.3	51.4 77.0
98 36.1	31.4 47.0





#30
Naphthalene
Concen: 5.058 ng/ul
RT: 10.699 min Scan# 1295
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

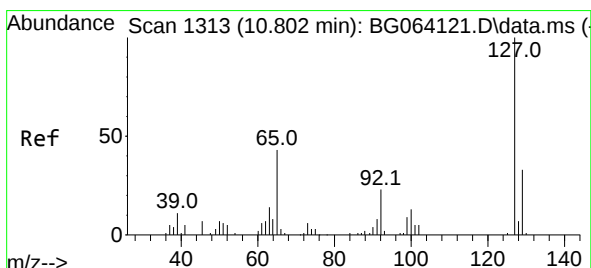
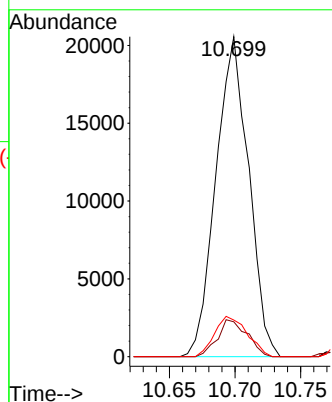
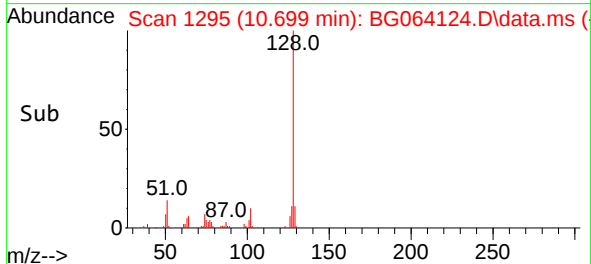
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:128 Resp: 35689
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 11.5 10.5 15.7

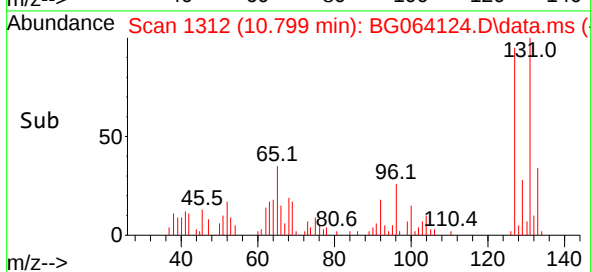
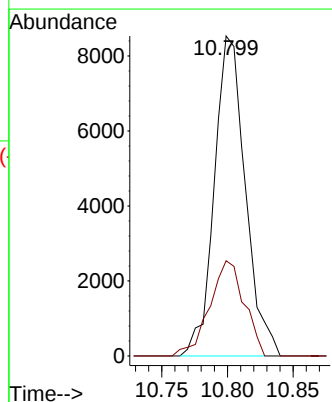
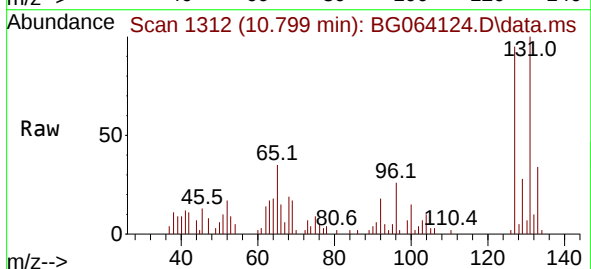
Manual Integrations
APPROVED

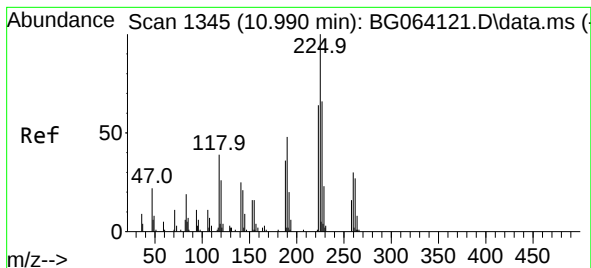
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#32
4-Chloroaniline
Concen: 5.025 ng/ul
RT: 10.799 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

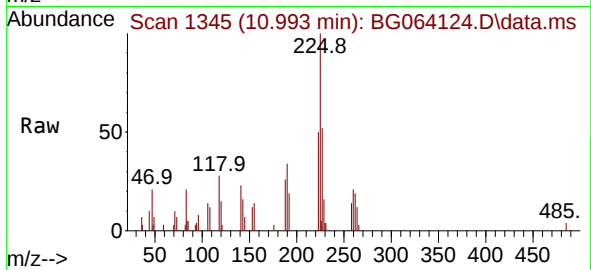
Tgt Ion:127 Resp: 14022
Ion Ratio Lower Upper
127 100
129 29.8 24.4 36.6





#33
Hexachlorobutadiene
Concen: 5.236 ng/ul
RT: 10.993 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

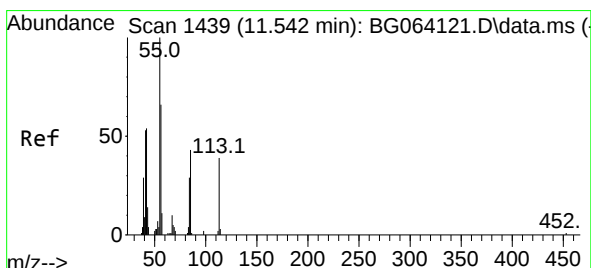
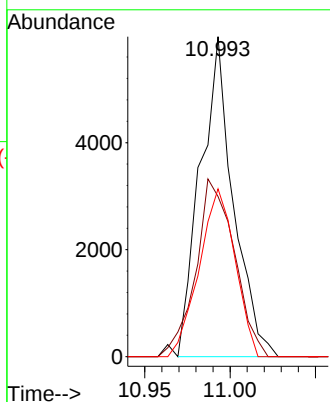
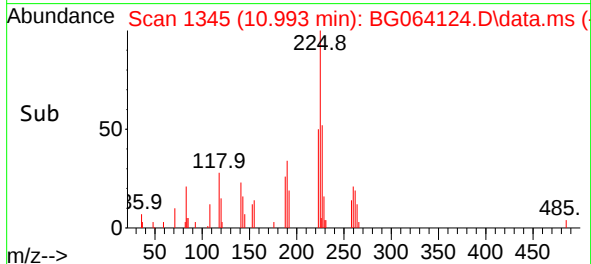
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



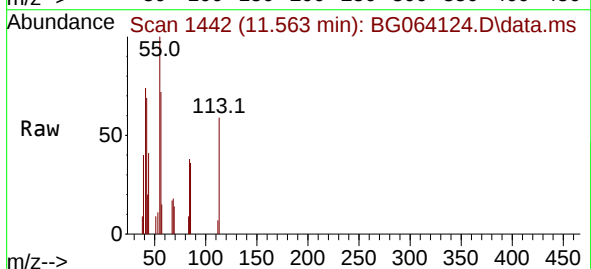
Tgt Ion:225 Resp: 803
Ion Ratio Lower Upper
225 100
223 50.1 47.0 70.4
227 52.4 47.8 71.8

Manual Integrations
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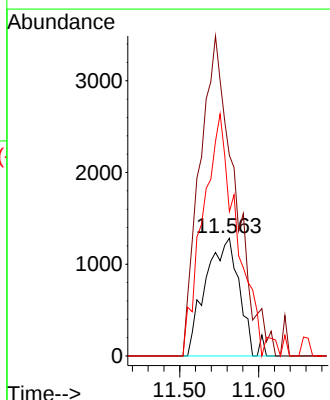
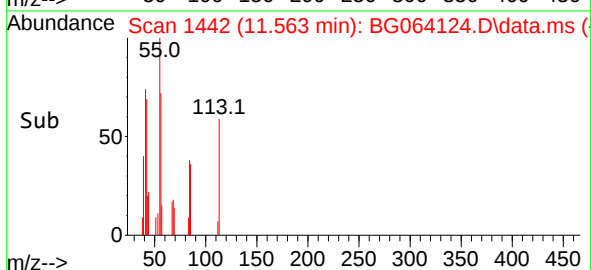
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

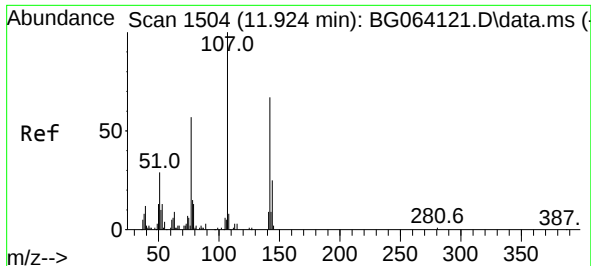


#34
Caprolactam
Concen: 4.951 ng/ul m
RT: 11.563 min Scan# 1442
Delta R.T. 0.021 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39



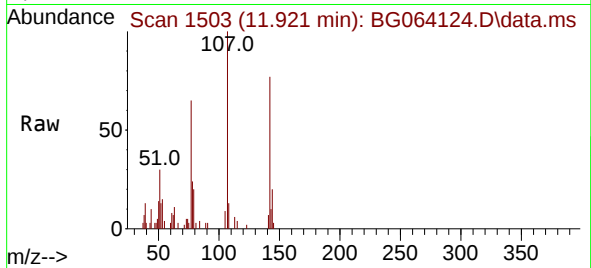
Tgt Ion:113 Resp: 3821
Ion Ratio Lower Upper
113 100
55 170.4 195.5 293.3#
56 122.7 136.4 204.6#





#35
4-Chloro-3-methylphenol
Concen: 4.311 ng/ul
RT: 11.921 min Scan# 1503
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

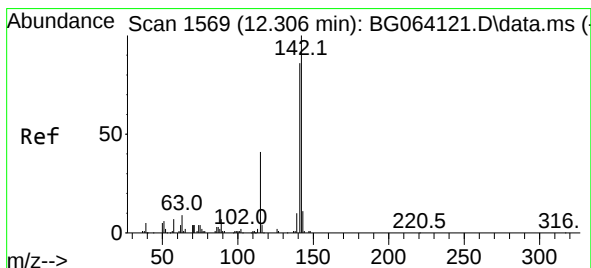
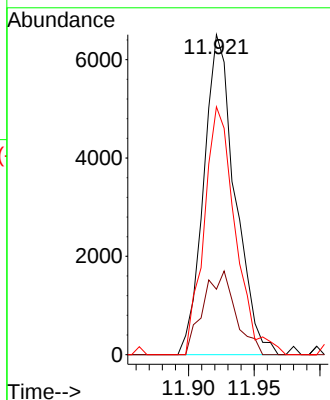
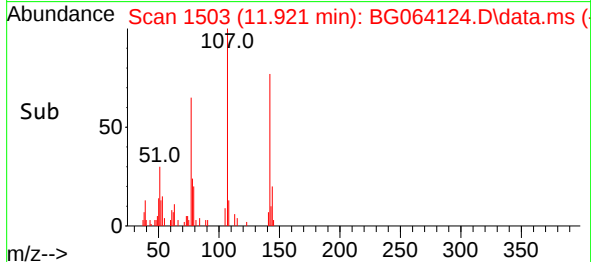
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:107 Resp: 10850
Ion Ratio Lower Upper
107 100
144 20.4 16.2 24.2
142 77.5 55.7 83.5

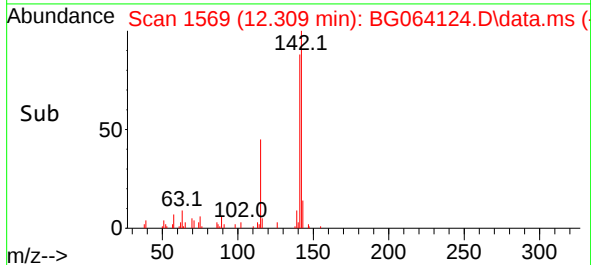
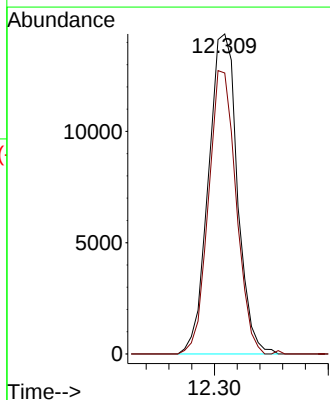
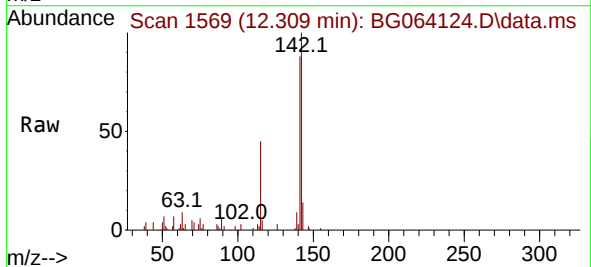
Manual Integrations
APPROVED

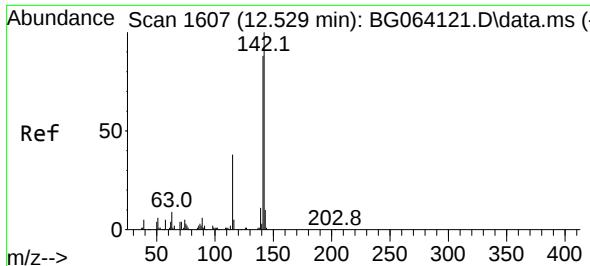
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#36
2-Methylnaphthalene
Concen: 4.996 ng/ul
RT: 12.309 min Scan# 1569
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

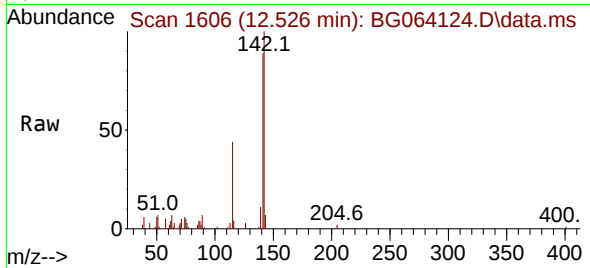
Tgt Ion:142 Resp: 25466
Ion Ratio Lower Upper
142 100
141 87.8 67.7 101.5





#37
1-Methylnaphthalene
Concen: 4.689 ng/ul
RT: 12.526 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

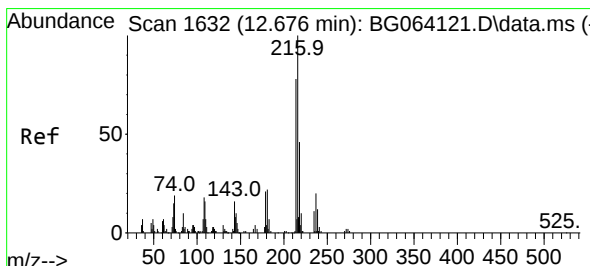
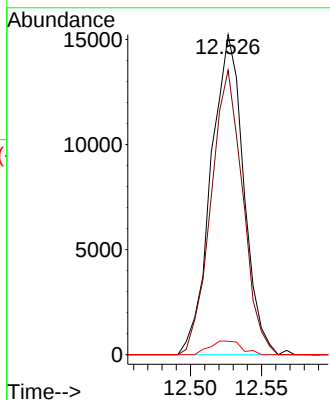
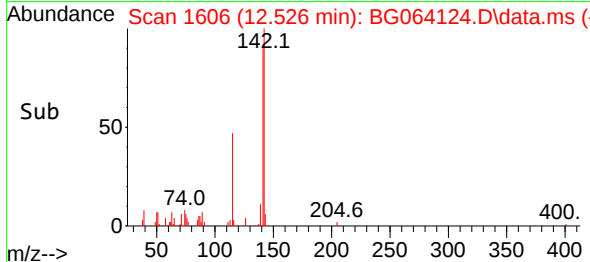
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



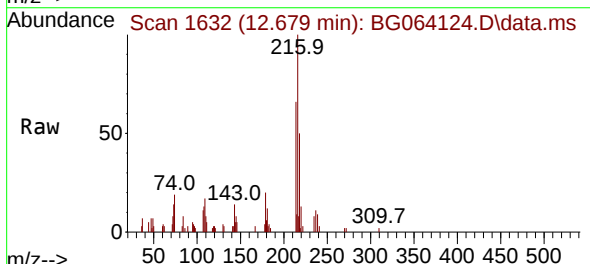
Tgt Ion:142 Resp: 24284
Ion Ratio Lower Upper
142 100
141 88.9 73.3 109.9
116 4.2 4.0 6.0

Manual Integrations
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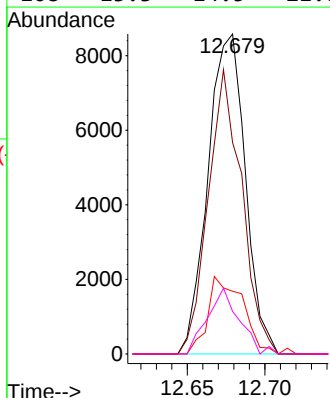
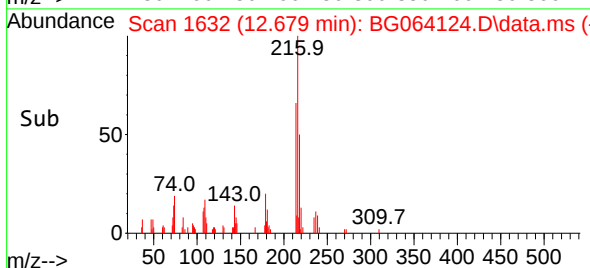
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

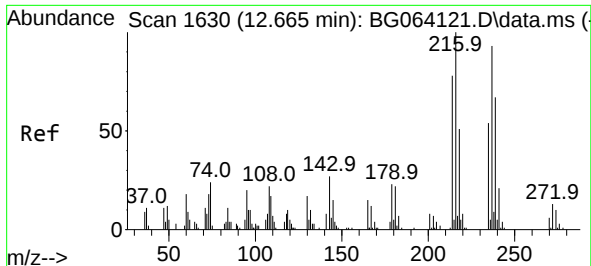


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.763 ng/ul
RT: 12.679 min Scan# 1632
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39



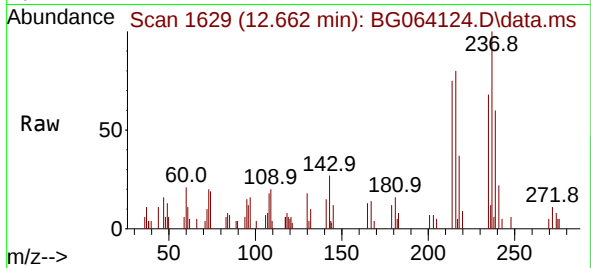
Tgt Ion:216 Resp: 14366
Ion Ratio Lower Upper
216 100
214 66.0 63.3 94.9
179 19.6 17.1 25.7
108 13.3 14.5 21.7#





#40
Hexachlorocyclopentadiene
Concen: 4.038 ng/ul
RT: 12.662 min Scan# 1629
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

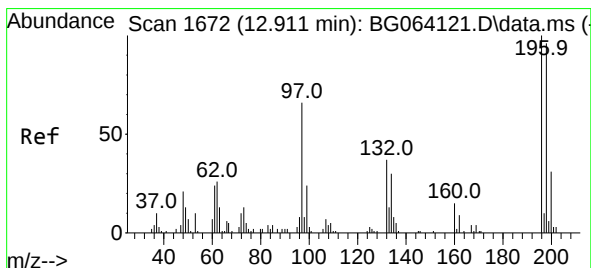
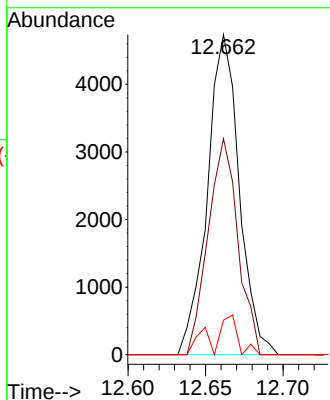
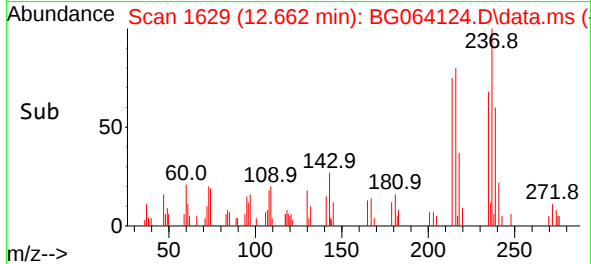
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:237 Resp: 6784
Ion Ratio Lower Upper
237 100
235 67.5 42.4 63.6
272 10.8 8.0 12.0

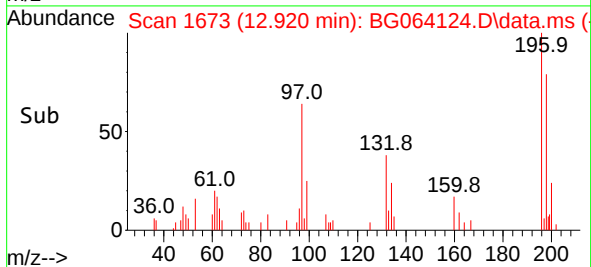
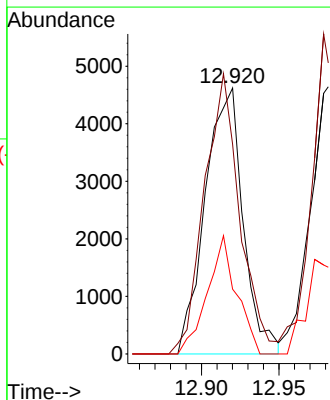
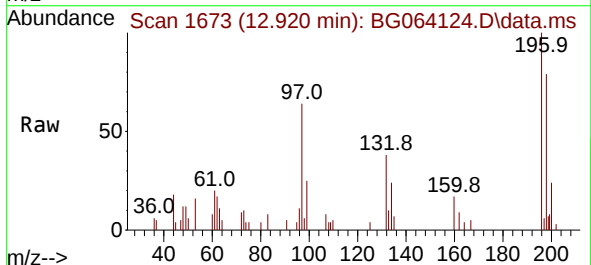
Manual Integrations
APPROVED

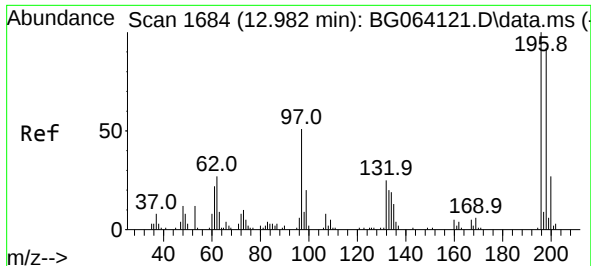
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#41
2,4,6-Trichlorophenol
Concen: 4.116 ng/ul
RT: 12.920 min Scan# 1673
Delta R.T. 0.009 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

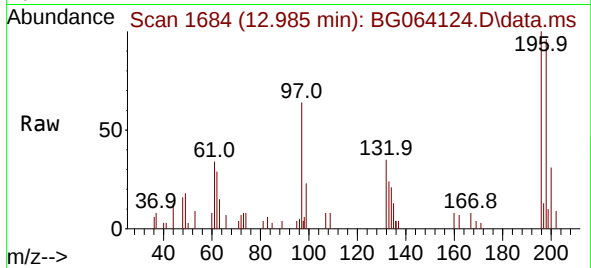
Tgt Ion:196 Resp: 7846
Ion Ratio Lower Upper
196 100
198 85.5 89.4 134.0#
200 24.3 27.6 41.4#





#42
2,4,5-Trichlorophenol
Concen: 3.989 ng/ul
RT: 12.985 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

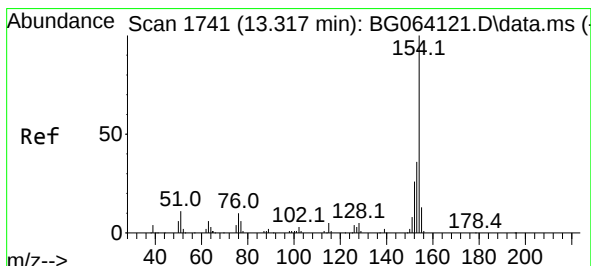
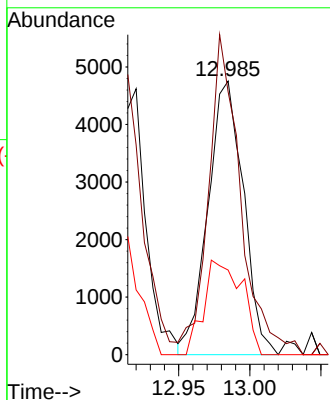
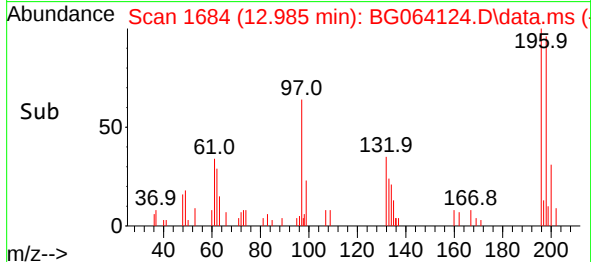
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



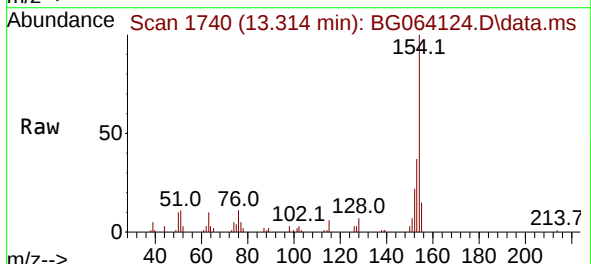
Tgt Ion:196 Resp: 823
Ion Ratio Lower Upper
196 100
198 106.0 80.7 121.1
200 31.0 24.9 37.3

Manual Integrations
APPROVED

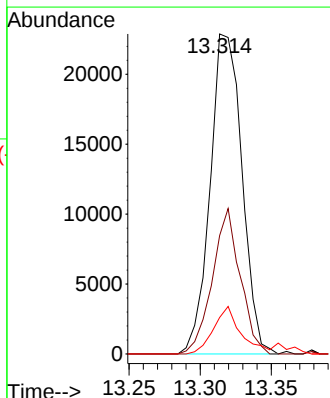
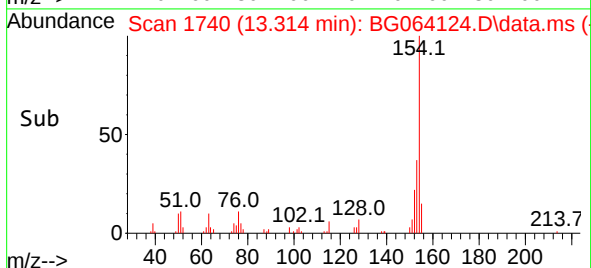
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

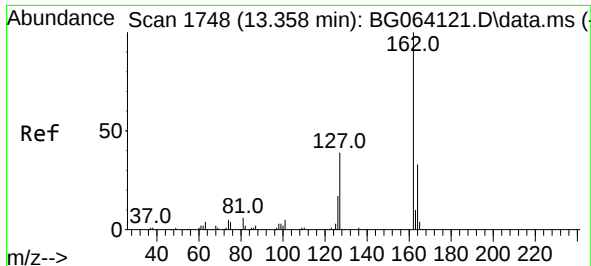


#43
1,1'-Biphenyl
Concen: 4.657 ng/ul
RT: 13.314 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39



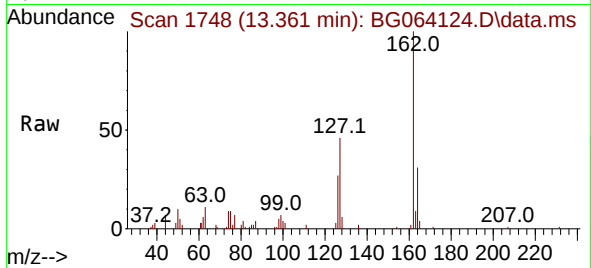
Tgt Ion:154 Resp: 35649
Ion Ratio Lower Upper
154 100
153 37.0 33.8 50.6
76 11.4 10.6 16.0





#44
2-Chloronaphthalene
Concen: 4.599 ng/ul
RT: 13.361 min Scan# 1748
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

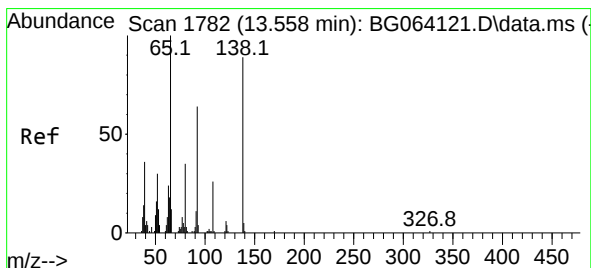
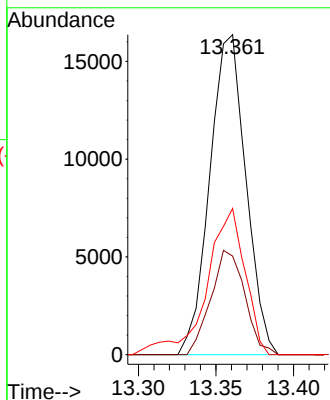
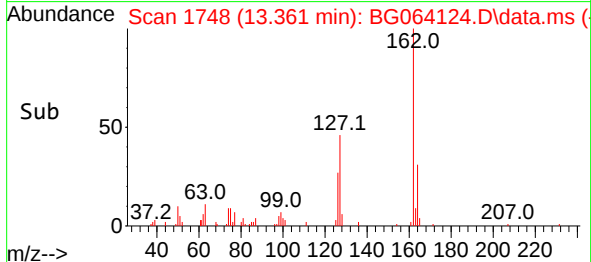
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:162 Resp: 26500
Ion Ratio Lower Upper
162 100
164 30.8 24.6 37.0
127 45.7 33.8 50.8

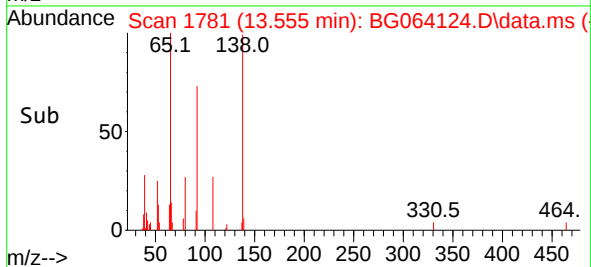
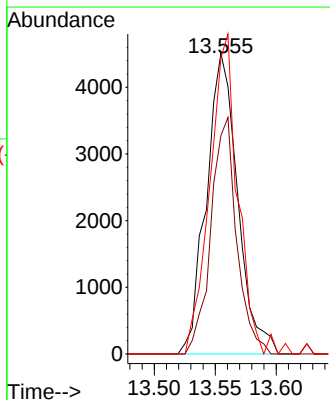
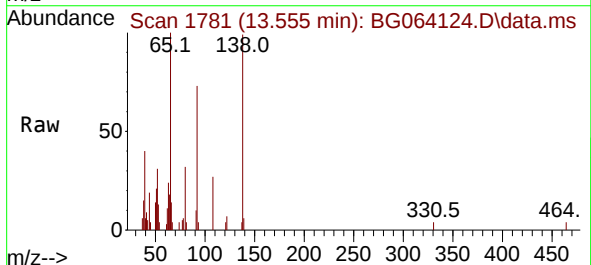
Manual Integrations
APPROVED

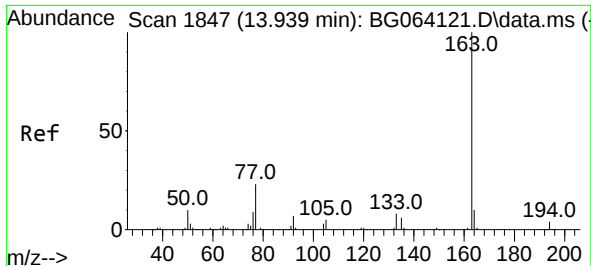
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#45
2-Nitroaniline
Concen: 4.124 ng/ul
RT: 13.555 min Scan# 1781
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

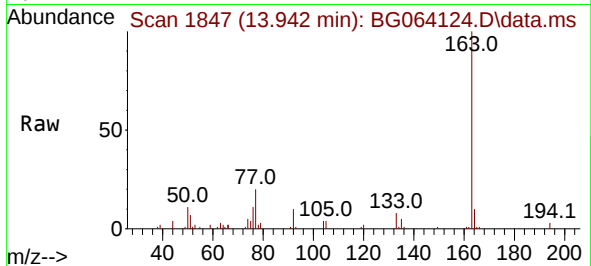
Tgt Ion: 65 Resp: 8077
Ion Ratio Lower Upper
65 100
92 72.7 44.5 66.7#
138 98.5 64.1 96.1#





#47
Dimethylphthalate
Concen: 4.738 ng/ul
RT: 13.942 min Scan# 1847
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

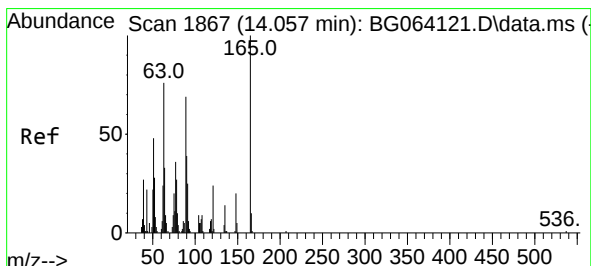
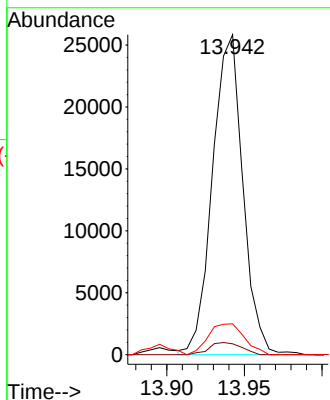
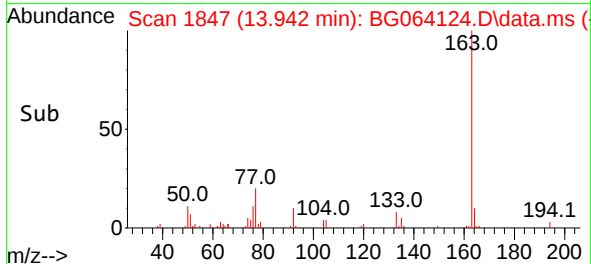
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



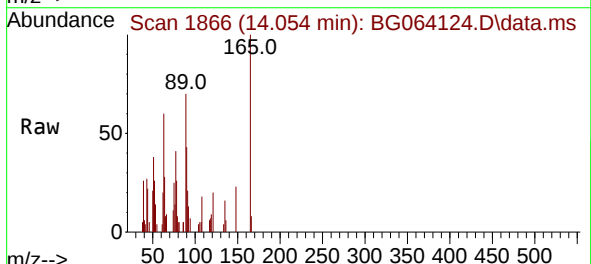
Tgt Ion:163 Resp: 35110
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.7 7.5 11.3

Manual Integrations
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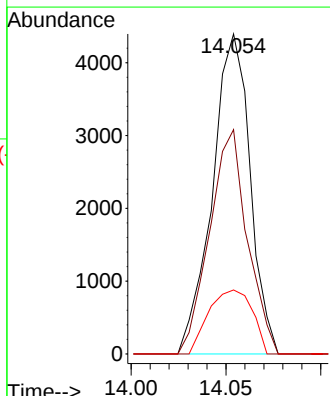
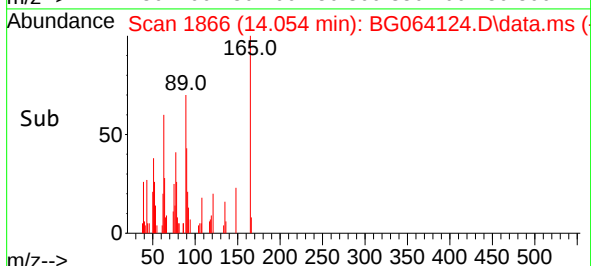
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

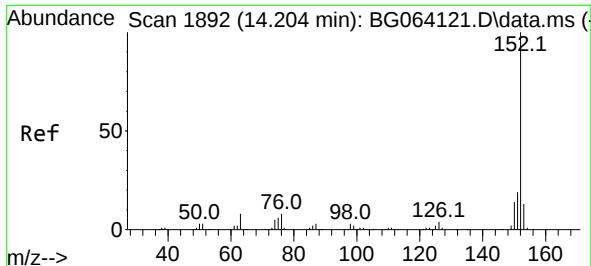


#48
2,6-Dinitrotoluene
Concen: 4.372 ng/ul
RT: 14.054 min Scan# 1866
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39



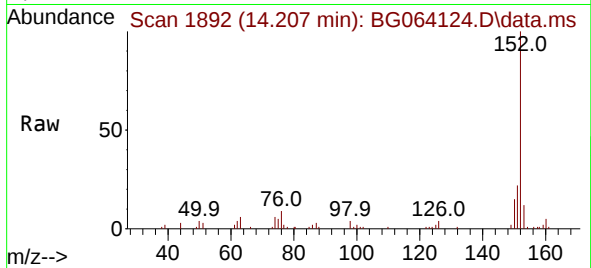
Tgt Ion:165 Resp: 6080
Ion Ratio Lower Upper
165 100
89 70.1 58.1 87.1
121 20.0 18.2 27.4





#50
Acenaphthylene
Concen: 4.710 ng/ul
RT: 14.207 min Scan# 1892
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

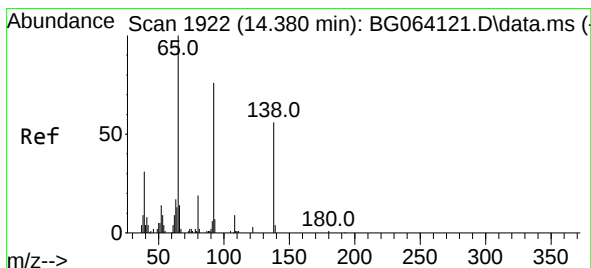
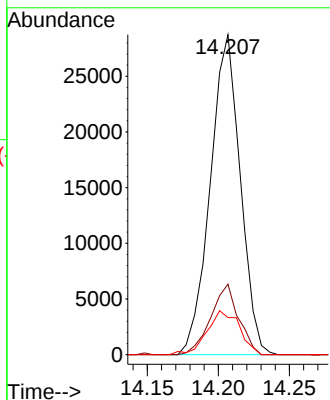
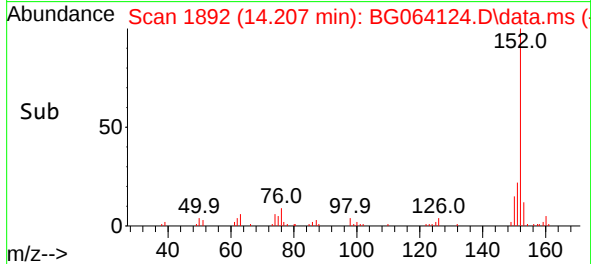
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:152 Resp: 42192
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5
153 11.6 10.6 16.0

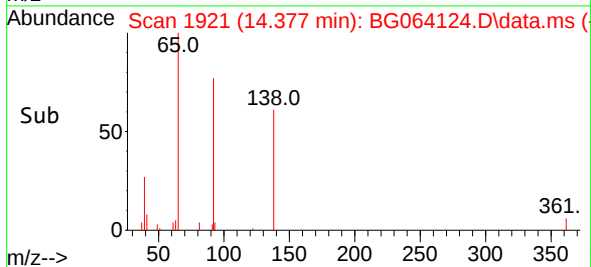
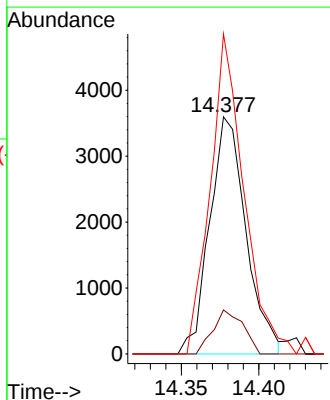
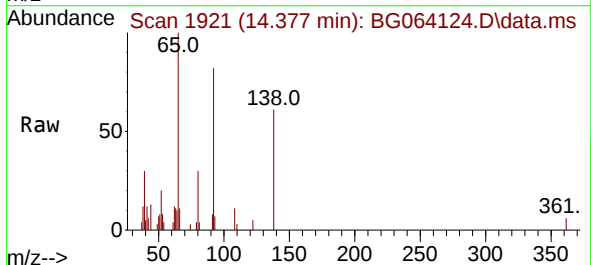
Manual Integrations
APPROVED

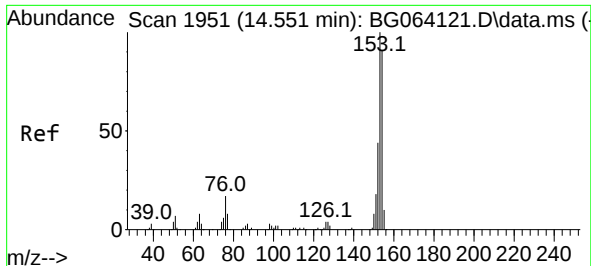
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#51
3-Nitroaniline
Concen: 4.175 ng/ul
RT: 14.377 min Scan# 1921
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

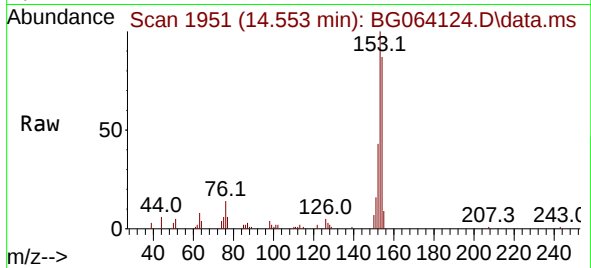
Tgt Ion:138 Resp: 5862
Ion Ratio Lower Upper
138 100
108 18.6 12.1 18.1#
92 134.9 113.9 170.9





#52
Acenaphthene
Concen: 4.942 ng/ul
RT: 14.553 min Scan# 1951
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

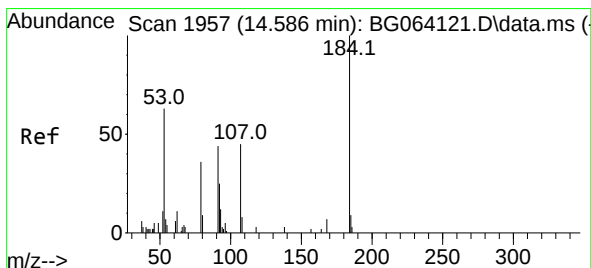
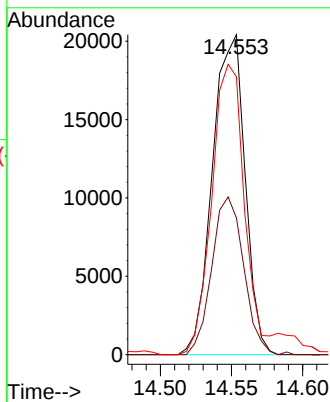
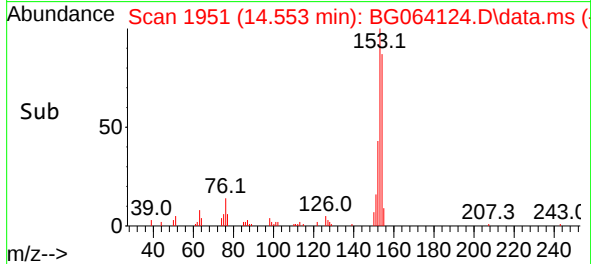
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



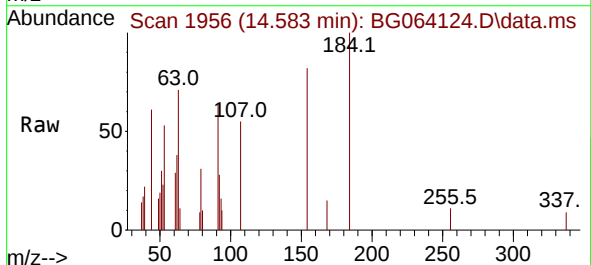
Tgt Ion:153 Resp: 32594
Ion Ratio Lower Upper
153 100
152 42.7 36.6 55.0
154 86.9 70.2 105.4

Manual Integrations
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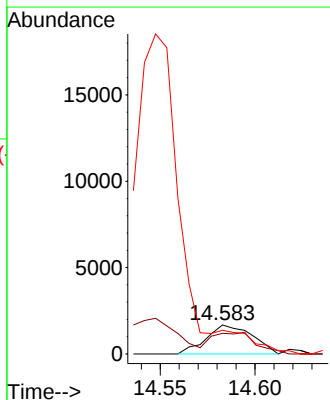
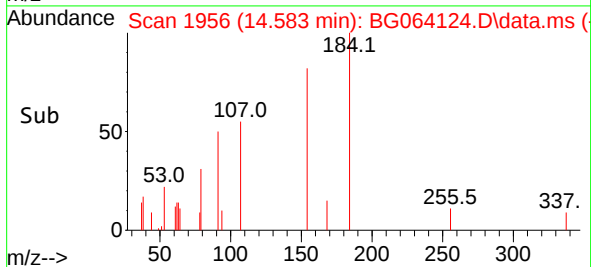
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

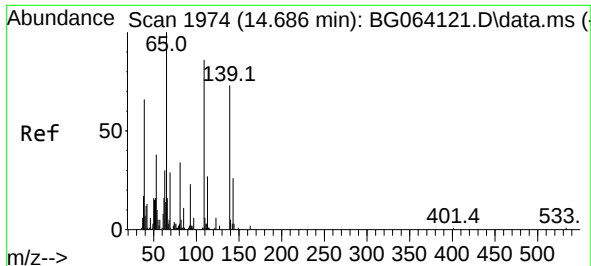


#53
2,4-Dinitrophenol
Concen: 4.042 ng/ul
RT: 14.583 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39



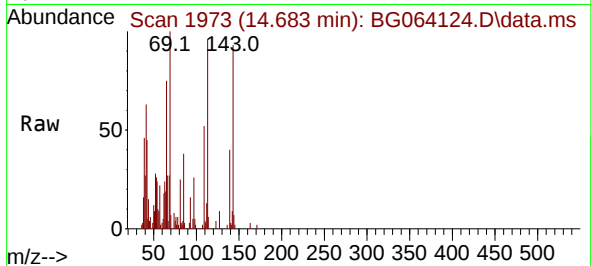
Tgt Ion:184 Resp: 2848
Ion Ratio Lower Upper
184 100
63 71.0 74.5 111.7#
154 81.6 74.3 111.5





#55
4-Nitrophenol
Concen: 4.483 ng/ul
RT: 14.683 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

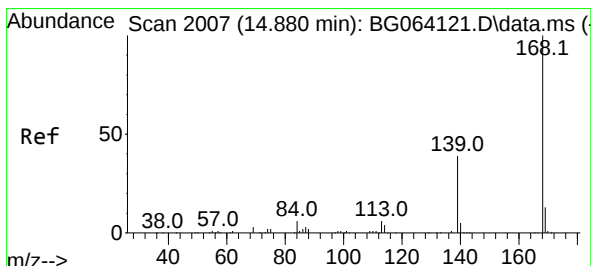
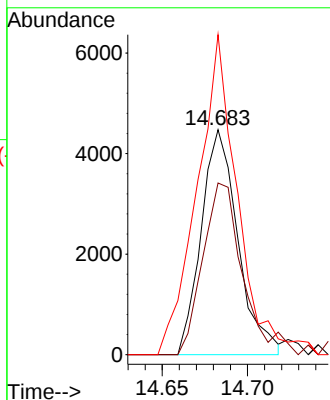
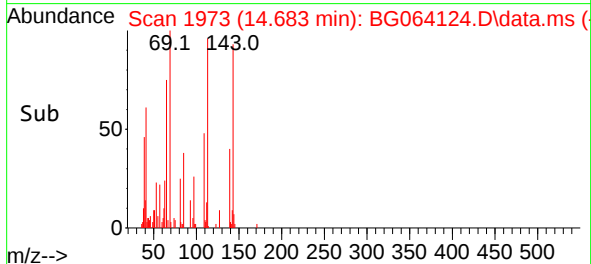
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



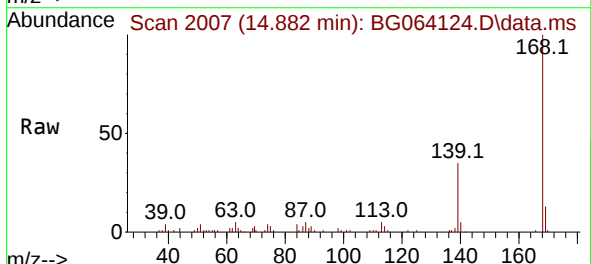
Tgt Ion:109 Resp: 670
Ion Ratio Lower Upper
109 100
139 76.4 74.0 111.0
65 142.3 91.8 137.6

Manual Integrations
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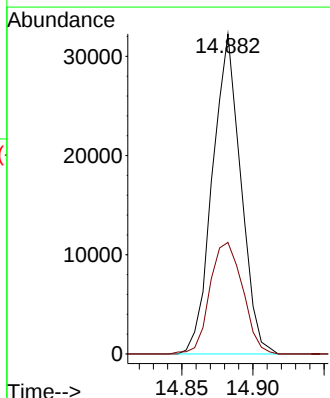
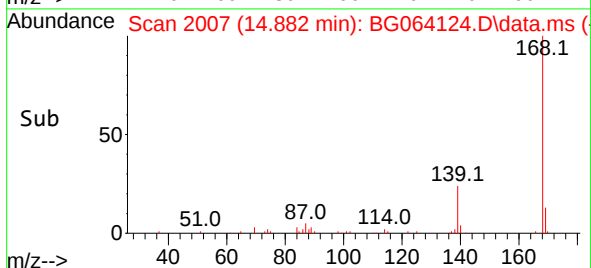
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

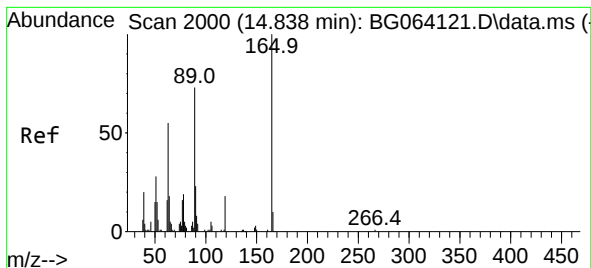


#56
Dibenzofuran
Concen: 4.847 ng/ul
RT: 14.882 min Scan# 2007
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39



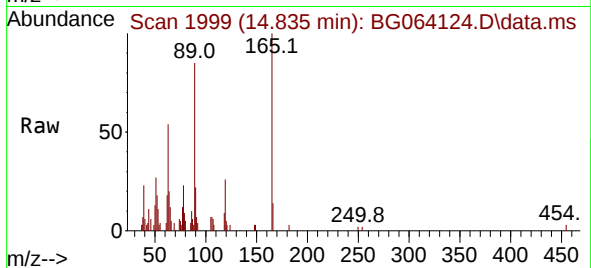
Tgt Ion:168 Resp: 44681
Ion Ratio Lower Upper
168 100
139 34.8 30.2 45.2





#57
2,4-Dinitrotoluene
Concen: 4.561 ng/ul
RT: 14.835 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

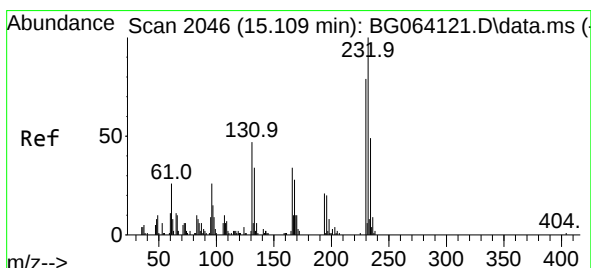
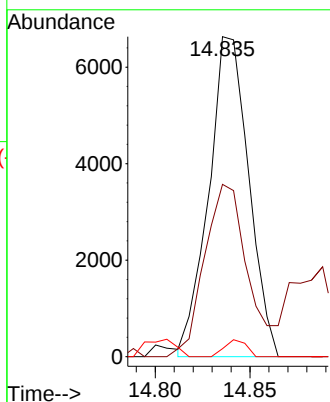
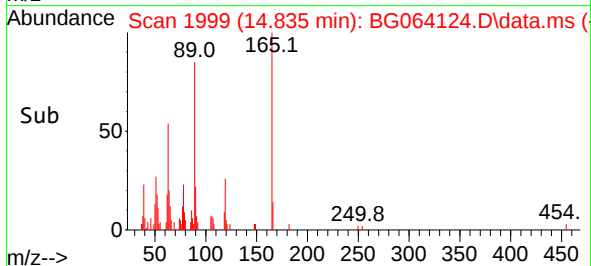
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:165 Resp: 9739
Ion Ratio Lower Upper
165 100
63 53.9 46.6 70.0
182 2.5 2.0 3.0

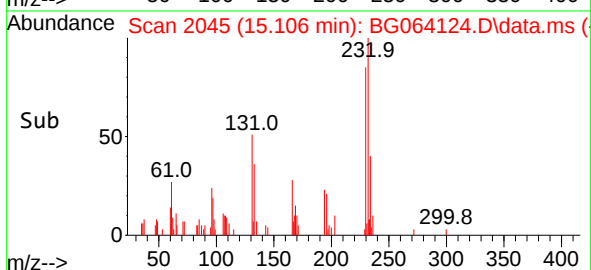
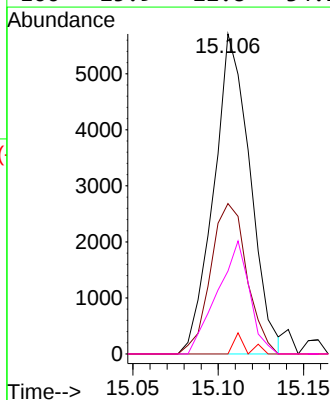
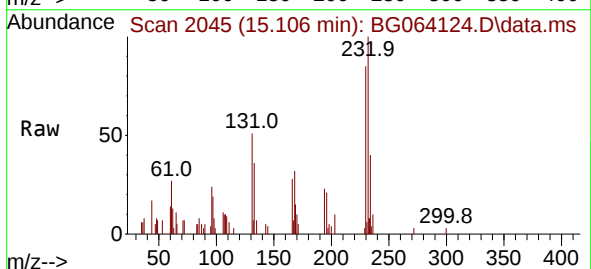
Manual Integrations
APPROVED

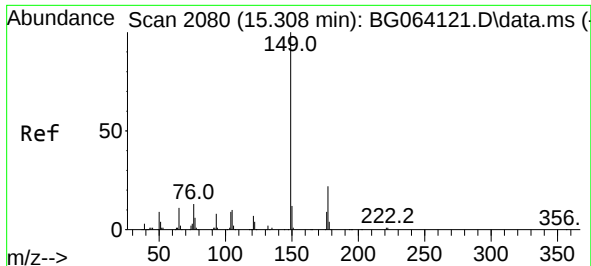
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.516 ng/ul
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

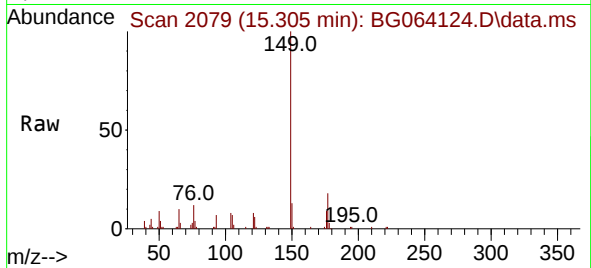
Tgt Ion:232 Resp: 8441
Ion Ratio Lower Upper
232 100
131 47.0 36.2 54.4
130 0.0 3.2 4.8#
166 25.9 22.8 34.2





#59
Diethylphthalate
Concen: 4.995 ng/ul
RT: 15.305 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

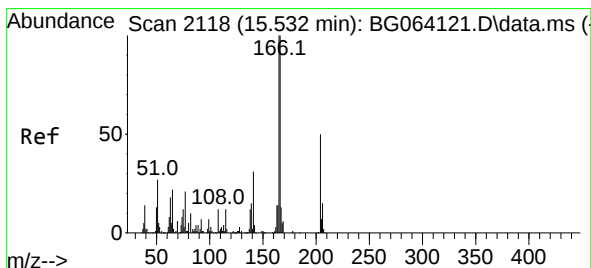
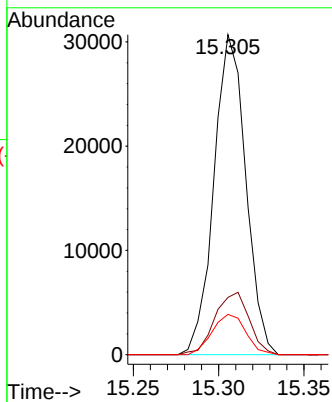
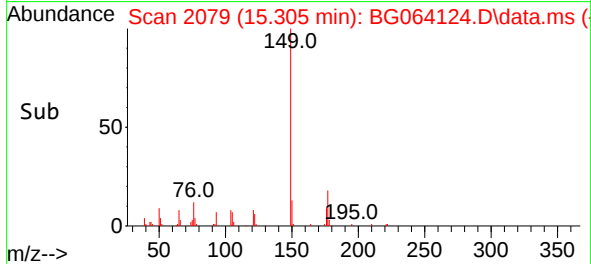
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:149 Resp: 3984
Ion Ratio Lower Upper
149 100
177 17.9 18.0 27.0
150 12.6 10.9 16.3

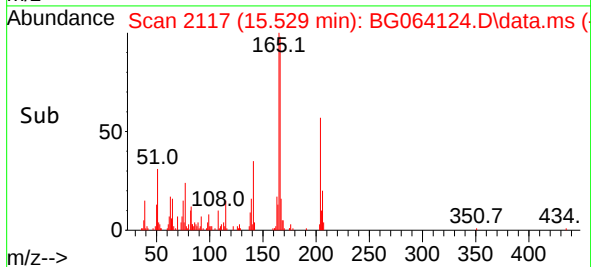
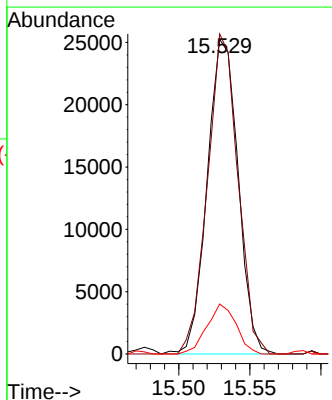
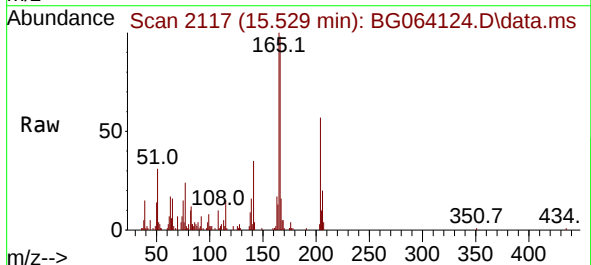
Manual Integrations
APPROVED

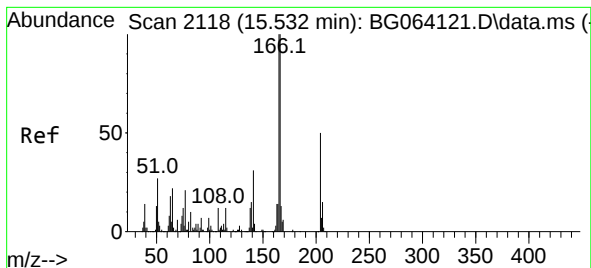
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#61
Fluorene
Concen: 5.050 ng/ul
RT: 15.529 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

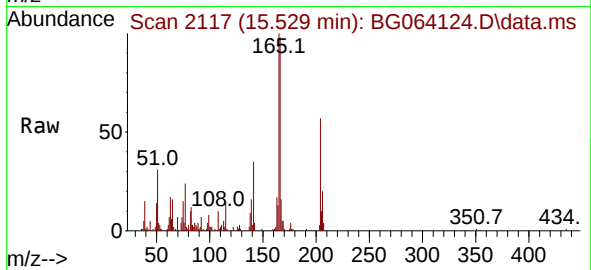
Tgt Ion:166 Resp: 38030
Ion Ratio Lower Upper
166 100
165 101.7 83.1 124.7
167 15.8 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 5.233 ng/ul
RT: 15.529 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

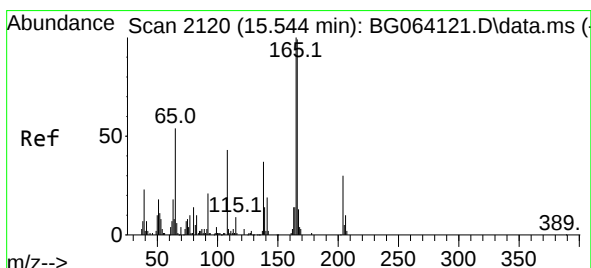
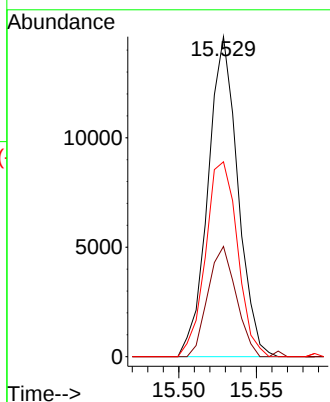
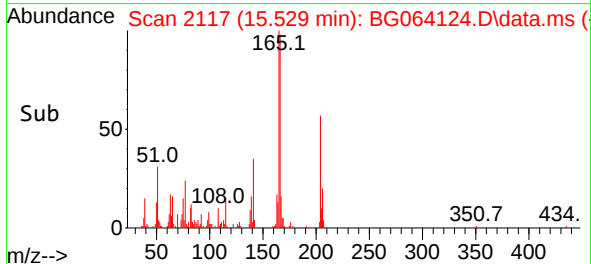
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



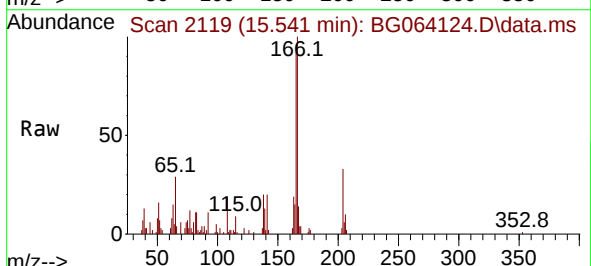
Tgt Ion:204 Resp: 19549
Ion Ratio Lower Upper
204 100
206 34.4 27.0 40.6
141 60.9 54.6 82.0

Manual Integrations
APPROVED

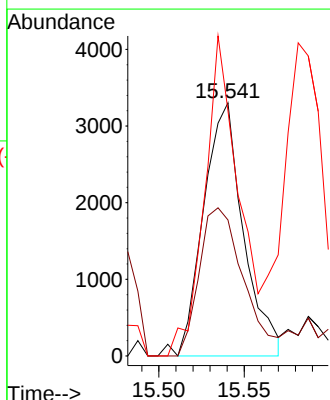
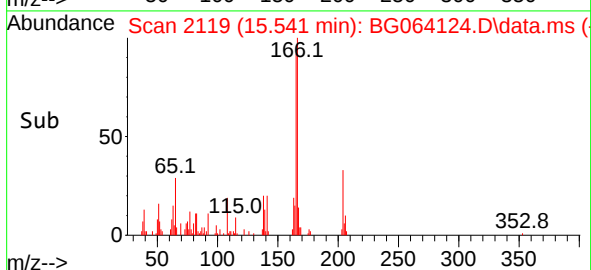
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

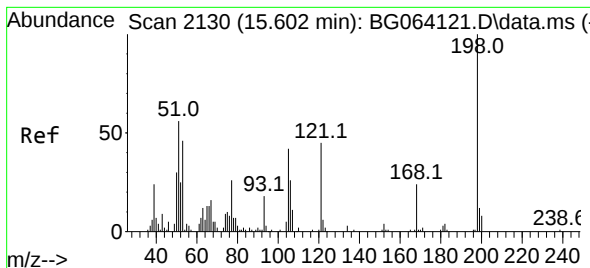


#63
4-Nitroaniline
Concen: 3.639 ng/ul
RT: 15.541 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39



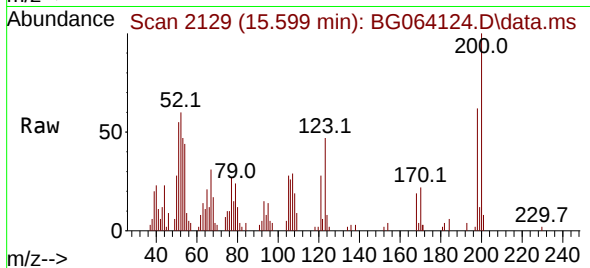
Tgt Ion:138 Resp: 5341
Ion Ratio Lower Upper
138 100
92 53.8 46.4 69.6
108 96.9 93.9 140.9





#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.170 ng/ul
 RT: 15.599 min Scan# 2129
 Delta R.T. -0.003 min
 Lab File: BG064124.D
 Acq: 21 Mar 2025 10:39

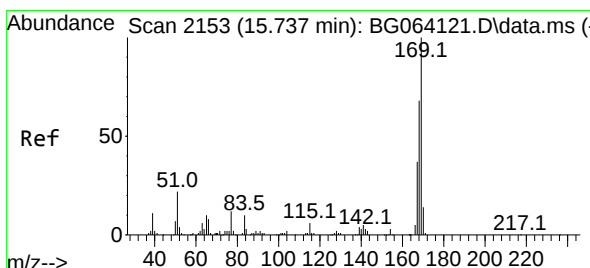
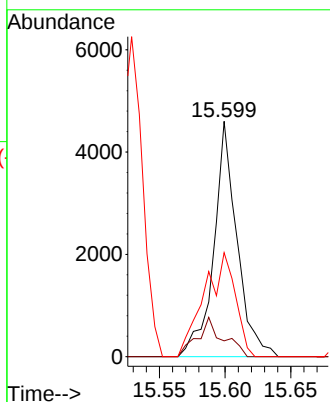
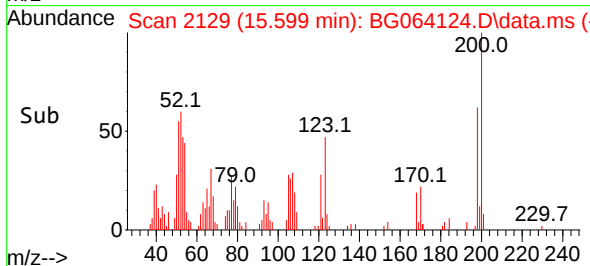
Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-02



Tgt Ion:198 Resp: 564
 Ion Ratio Lower Upper
 198 100
 182 6.7 3.9 5.9
 77 44.2 25.5 38.3

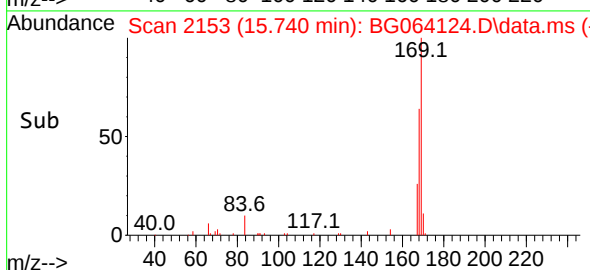
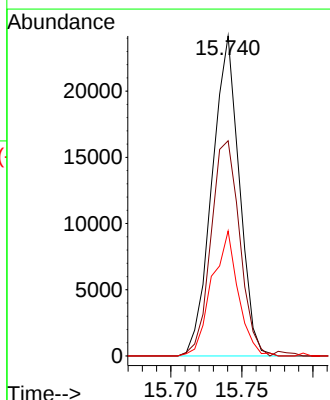
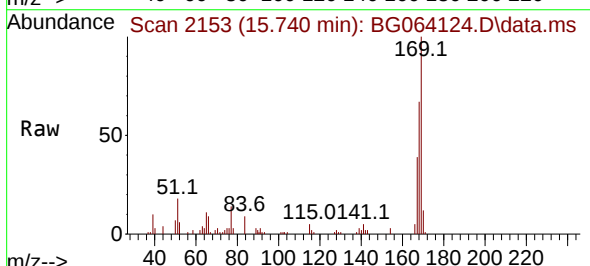
Manual Integrations
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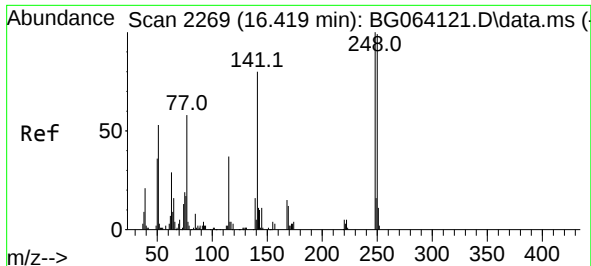
Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025



#67
 N-Nitrosodiphenylamine
 Concen: 4.688 ng/ul
 RT: 15.740 min Scan# 2153
 Delta R.T. 0.003 min
 Lab File: BG064124.D
 Acq: 21 Mar 2025 10:39

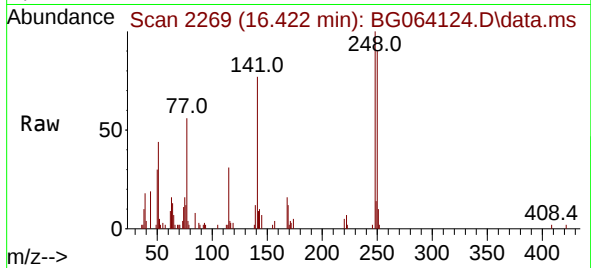
Tgt Ion:169 Resp: 32197
 Ion Ratio Lower Upper
 169 100
 168 67.3 55.5 83.3
 167 39.0 30.6 45.8





#68
4-Bromophenyl-phenylether
Concen: 4.820 ng/ul
RT: 16.422 min Scan# 2269
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

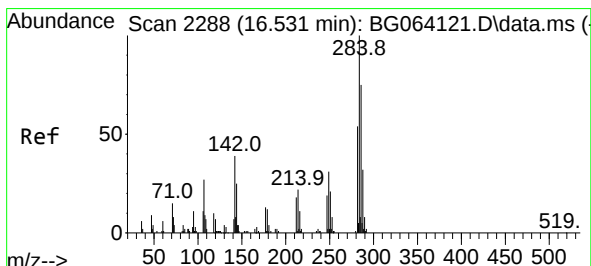
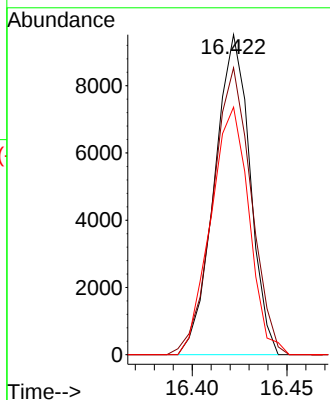
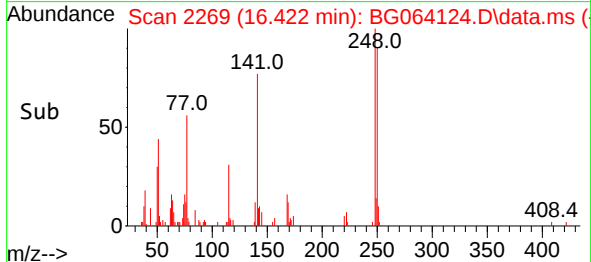
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:248 Resp: 12380
Ion Ratio Lower Upper
248 100
250 89.7 77.8 116.8
141 77.4 67.5 101.3

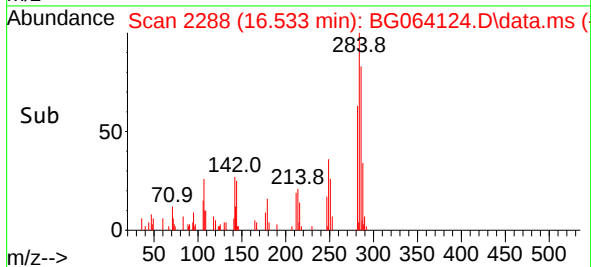
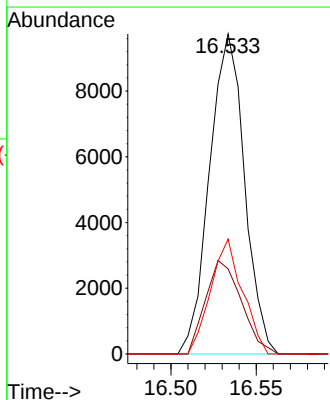
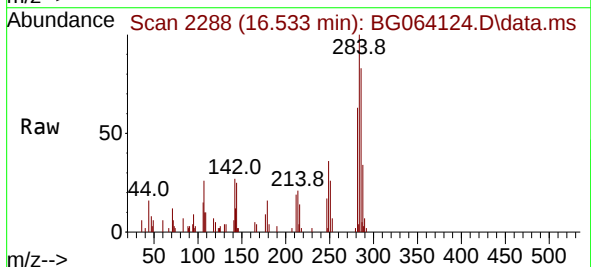
Manual Integrations
APPROVED

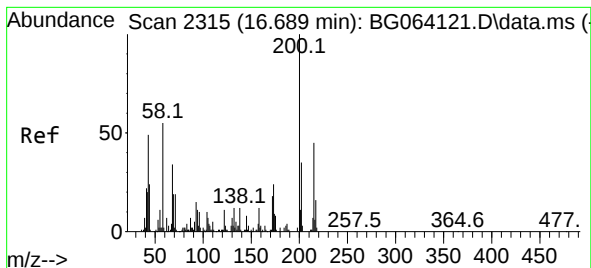
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#69
Hexachlorobenzene
Concen: 4.843 ng/ul
RT: 16.533 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Tgt Ion:284 Resp: 13914
Ion Ratio Lower Upper
284 100
142 26.6 28.2 42.2#
249 35.9 28.2 42.4





#70

Atrazine

Concen: 5.550 ng/ul

RT: 16.686 min Scan# 2315

Delta R.T. -0.003 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

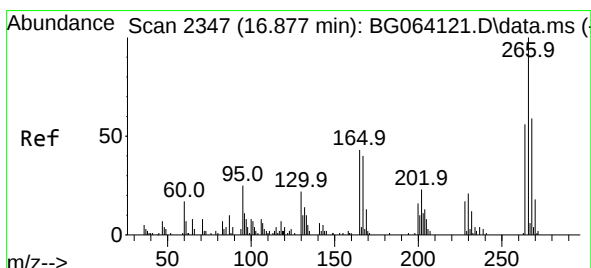
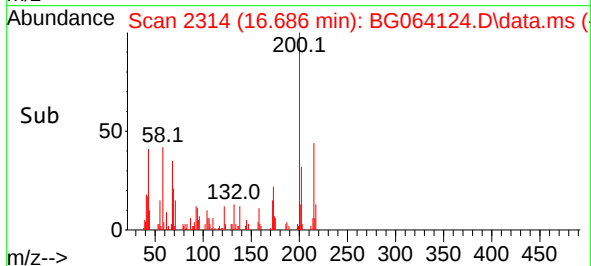
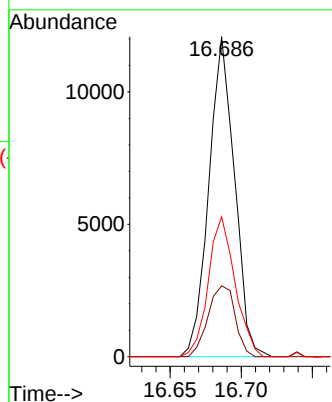
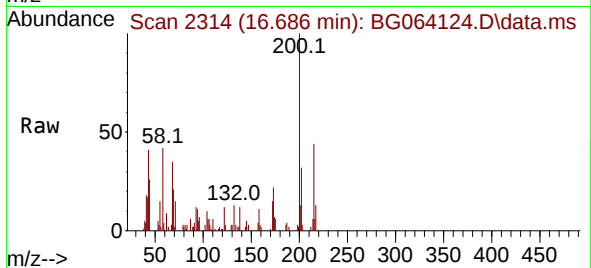
Tgt Ion:200	Resp:	1515
Ion Ratio	Lower	Upper
200	100	
173	22.1	19.8 29.6
215	43.7	38.8 58.2

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#71

Pentachlorophenol

Concen: 4.274 ng/ul

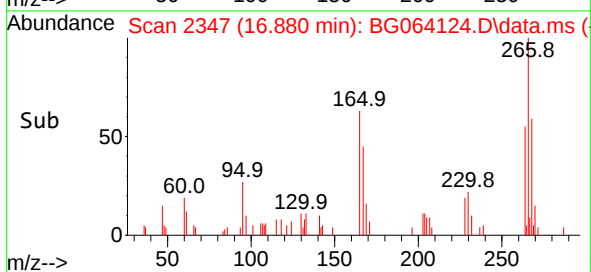
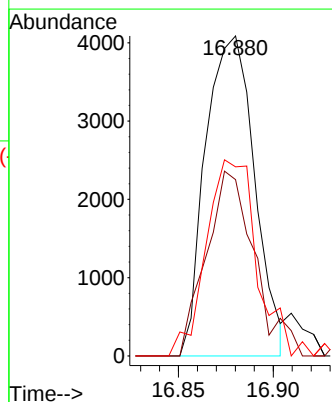
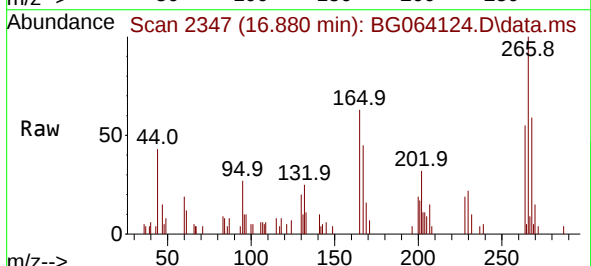
RT: 16.880 min Scan# 2347

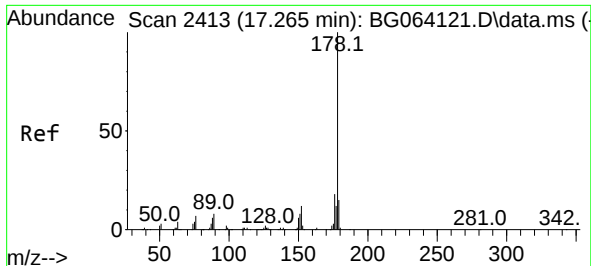
Delta R.T. 0.003 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

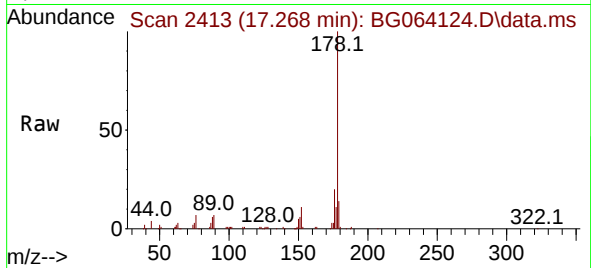
Tgt Ion:266	Resp:	7348
Ion Ratio	Lower	Upper
266	100	
264	59.7	54.0 81.0
268	59.1	54.3 81.5





#72
Phenanthrene
Concen: 4.963 ng/u1
RT: 17.268 min Scan# 2413
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

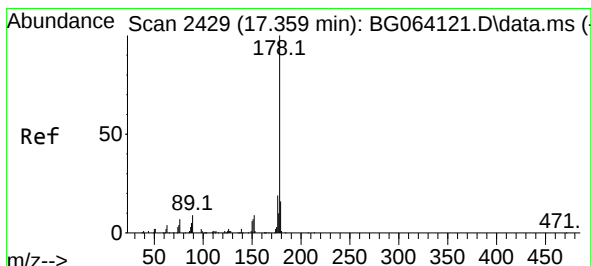
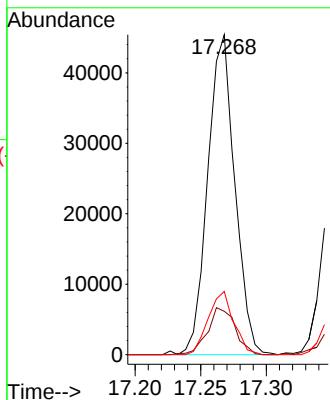
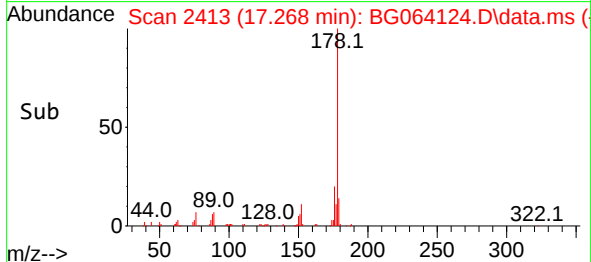
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



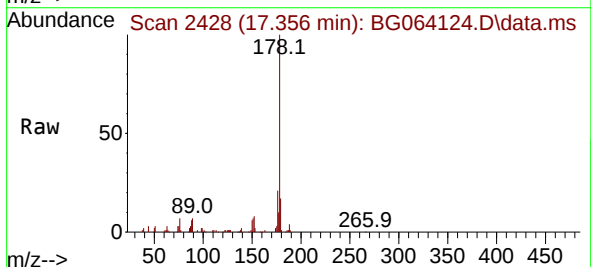
Tgt Ion:178 Resp: 6508
Ion Ratio Lower Upper
178 100
179 13.5 12.2 18.2
176 19.8 15.1 22.7

Manual Integrations
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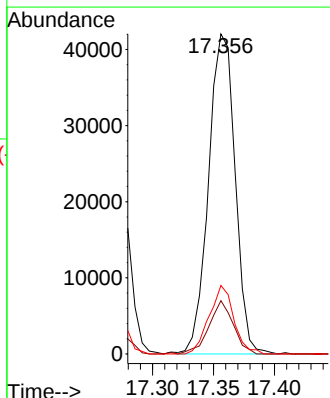
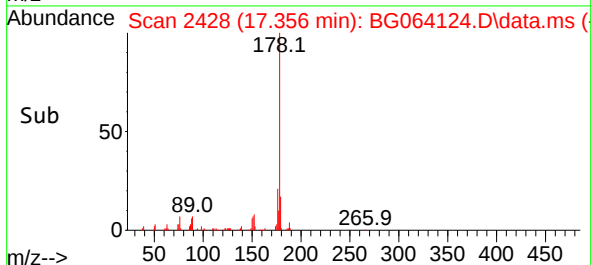
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

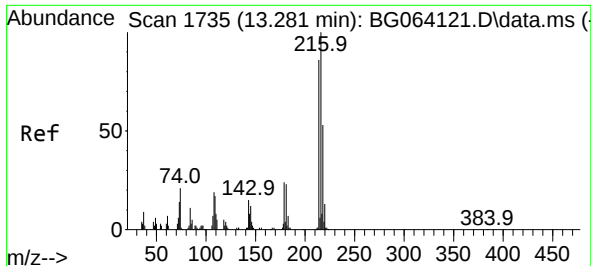


#74
Anthracene
Concen: 4.762 ng/u1
RT: 17.356 min Scan# 2428
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39



Tgt Ion:178 Resp: 63922
Ion Ratio Lower Upper
178 100
179 16.7 12.0 18.0
176 21.4 15.2 22.8





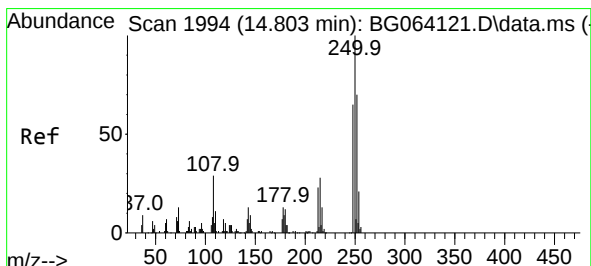
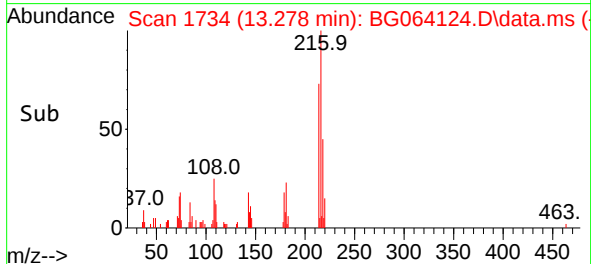
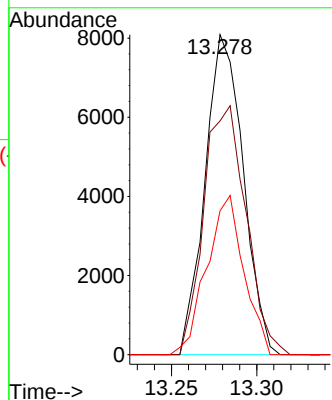
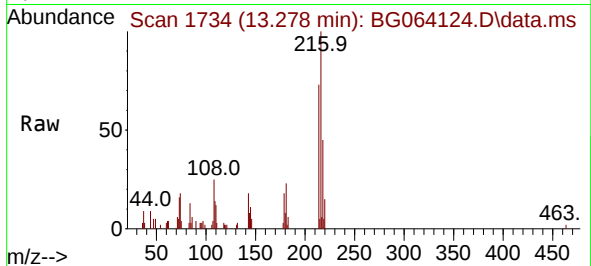
#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.857 ng/ul
RT: 13.278 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2025-02

Tgt Ion:216 Resp: 12570
Ion Ratio Lower Upper
216 100
214 73.1 64.8 97.2
218 45.0 36.6 54.8

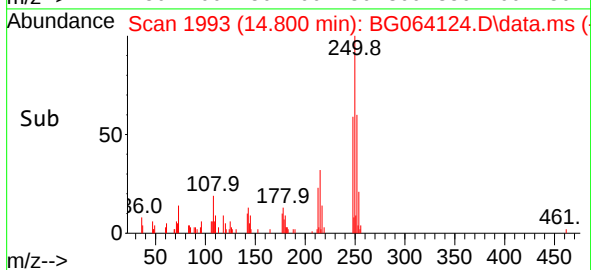
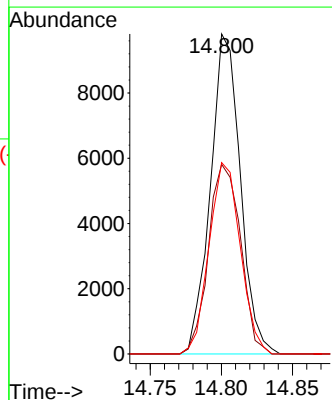
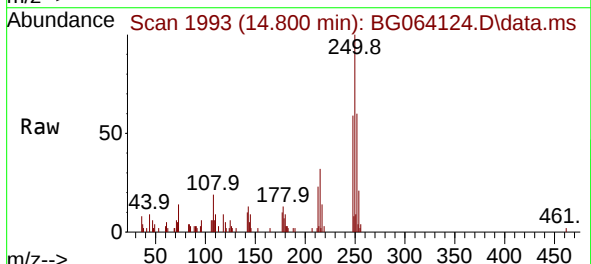
Manual Integrations
APPROVED

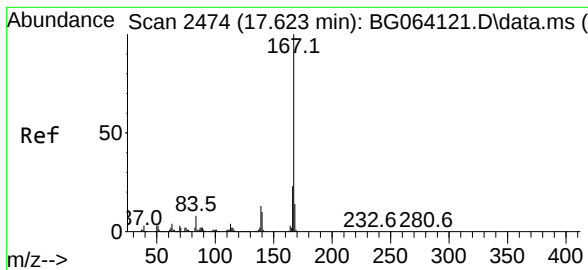
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#76
Pentachlorobenzene
Concen: 4.220 ng/ul
RT: 14.800 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

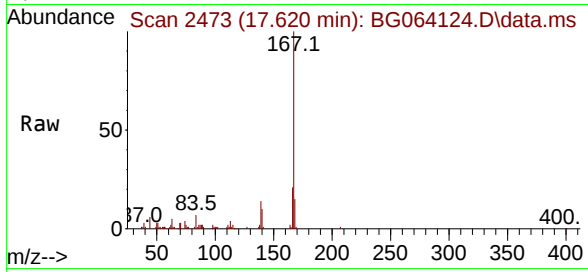
Tgt Ion:250 Resp: 14373
Ion Ratio Lower Upper
250 100
248 59.3 55.2 82.8
252 59.8 51.7 77.5





#77
 Carbazole
 Concen: 4.580 ng/ul
 RT: 17.620 min Scan# 2473
 Delta R.T. -0.003 min
 Lab File: BG064124.D
 Acq: 21 Mar 2025 10:39

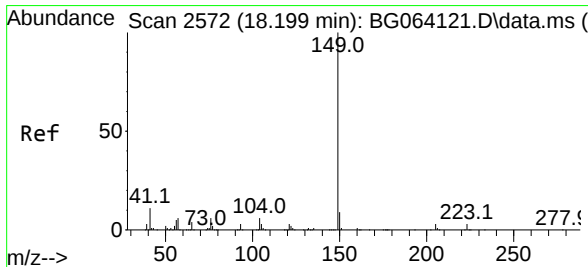
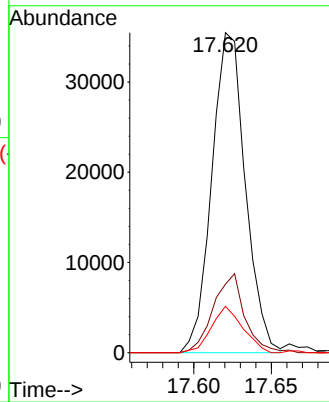
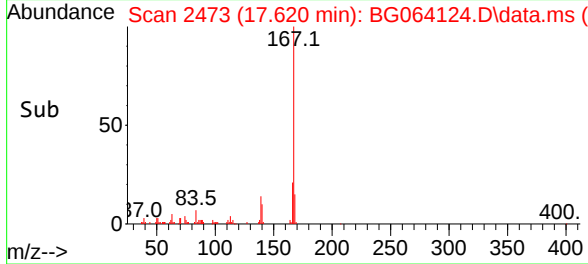
Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:	167	Resp:	53324
Ion Ratio	Lower	Upper	
167	100		
166	21.4	18.0	27.0
139	14.5	10.5	15.7

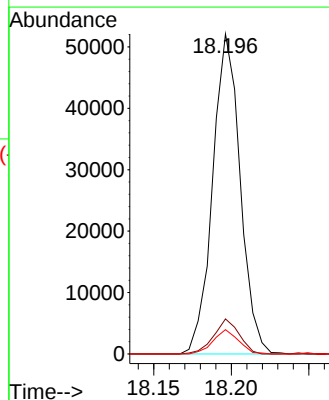
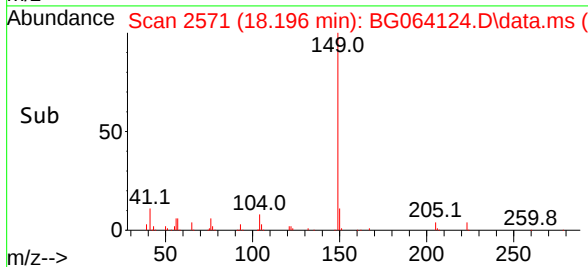
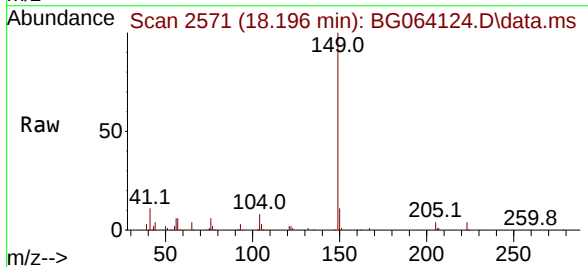
Manual Integrations
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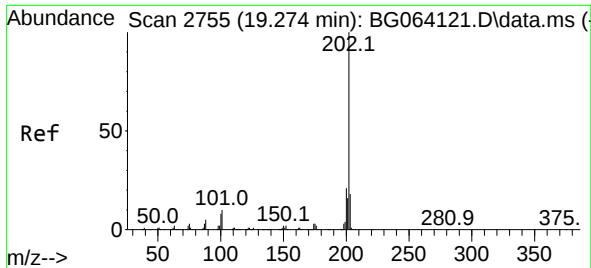
Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025



#78
 Di-n-butylphthalate
 Concen: 4.322 ng/ul
 RT: 18.196 min Scan# 2571
 Delta R.T. -0.003 min
 Lab File: BG064124.D
 Acq: 21 Mar 2025 10:39

Tgt Ion:	149	Resp:	64337
Ion Ratio	Lower	Upper	
149	100		
150	11.0	7.0	10.4#
104	7.6	4.7	7.1#





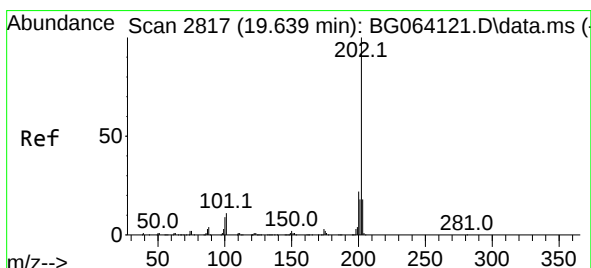
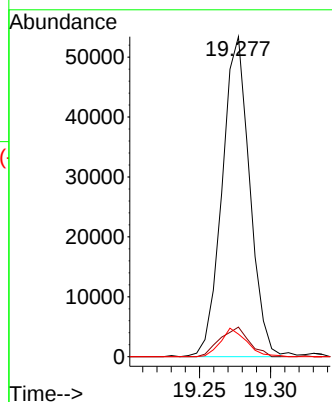
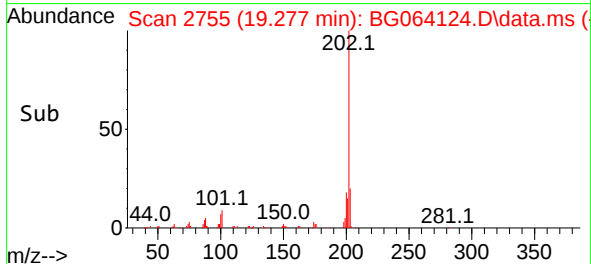
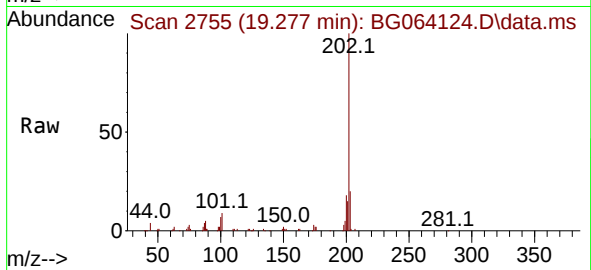
#80
Fluoranthene
Concen: 4.784 ng/ul
RT: 19.277 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Tgt Ion:202 Resp: 71908
Ion Ratio Lower Upper
202 100
101 9.3 7.8 11.8
100 7.1 6.6 10.0

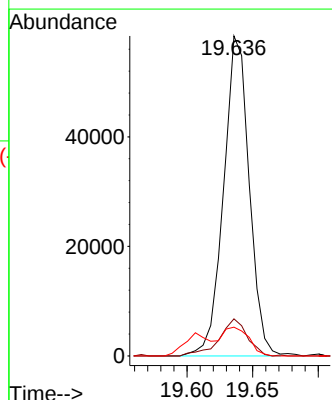
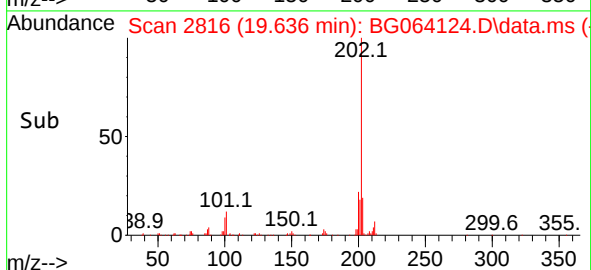
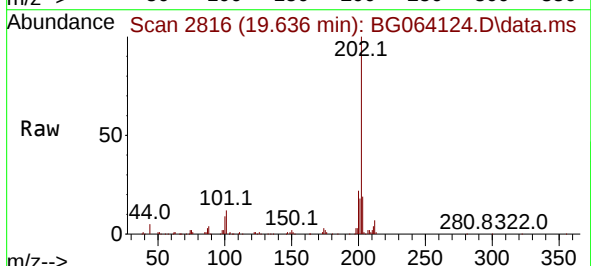
Manual Integrations
APPROVED

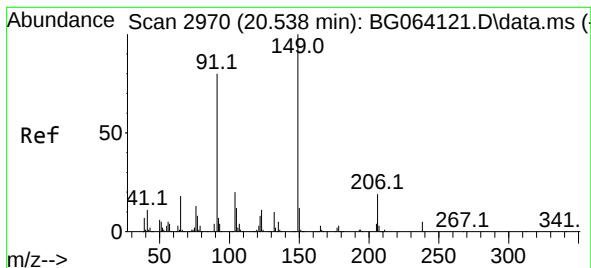
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#82
Pyrene
Concen: 4.974 ng/ul
RT: 19.636 min Scan# 2816
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Tgt Ion:202 Resp: 79288
Ion Ratio Lower Upper
202 100
101 11.6 7.9 11.9
100 9.0 7.4 11.0





#83

Butylbenzylphthalate

Concen: 4.548 ng/ul

RT: 20.541 min Scan# 2970

Delta R.T. 0.003 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

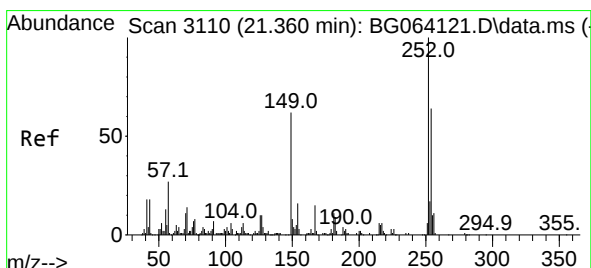
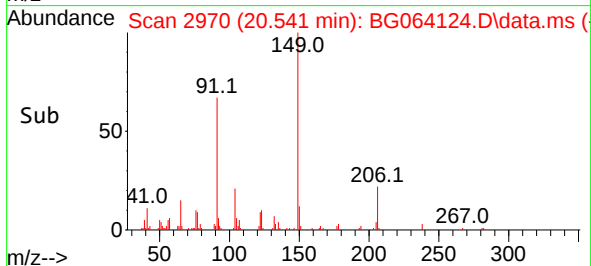
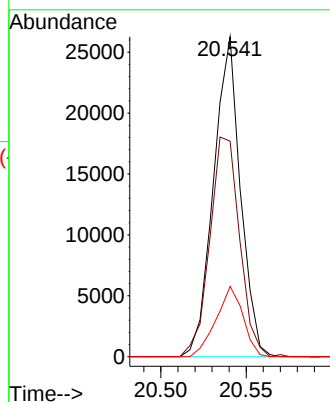
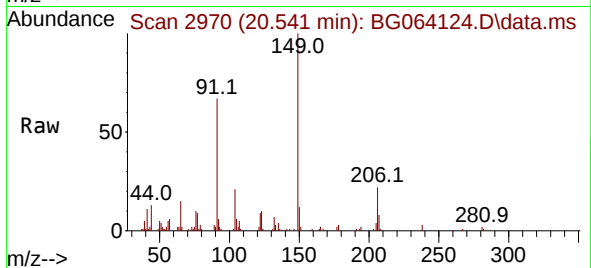
Tgt Ion:	149	Resp:	2886
Ion Ratio	Lower	Upper	
149	100		
91	67.4	63.4	95.0
206	22.0	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#84

3,3'-Dichlorobenzidine

Concen: 5.418 ng/ul

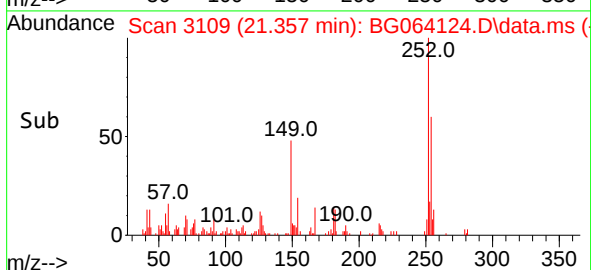
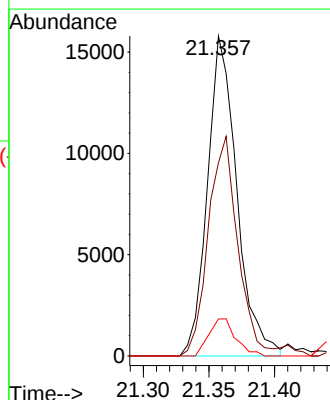
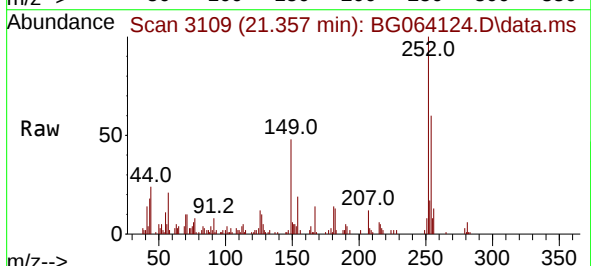
RT: 21.357 min Scan# 3109

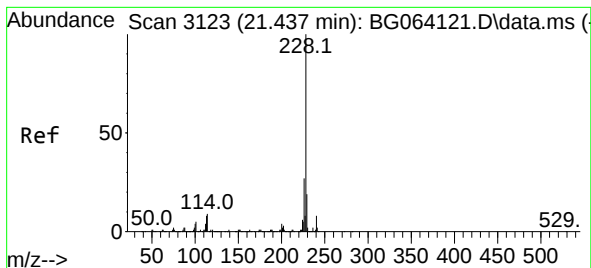
Delta R.T. -0.003 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

Tgt Ion:	252	Resp:	24579
Ion Ratio	Lower	Upper	
252	100		
254	60.4	54.0	81.0
126	11.6	8.1	12.1





#85

Benzo(a)anthracene

Concen: 4.974 ng/ul

RT: 21.434 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

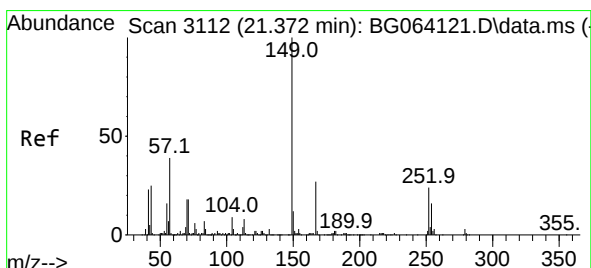
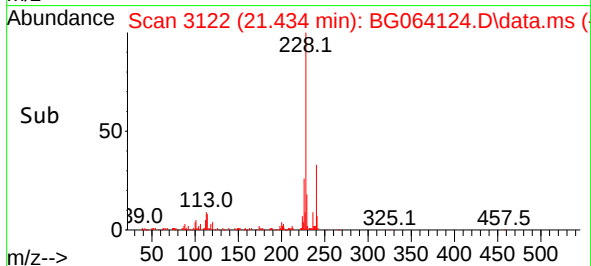
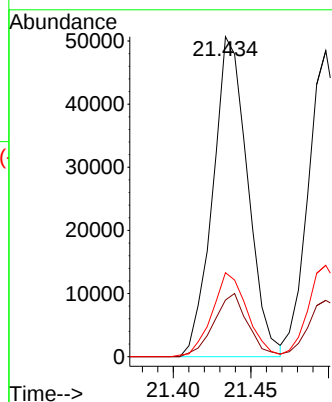
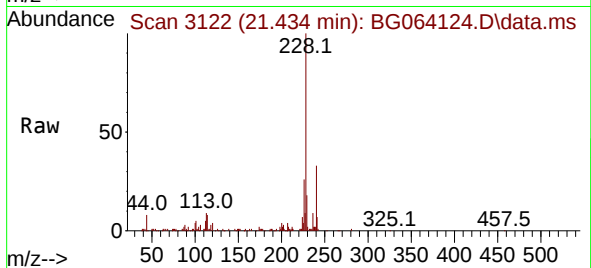
Tgt Ion:	228	Resp:	79260
Ion Ratio	Lower	Upper	
228	100		
229	17.7	15.7	23.5
226	26.2	21.1	31.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.758 ng/ul

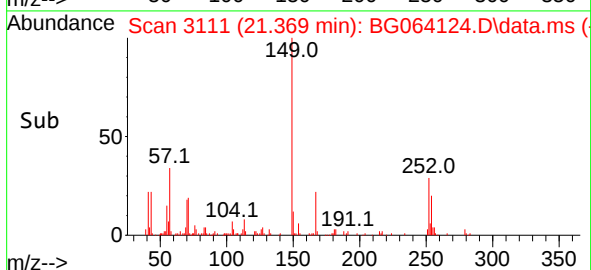
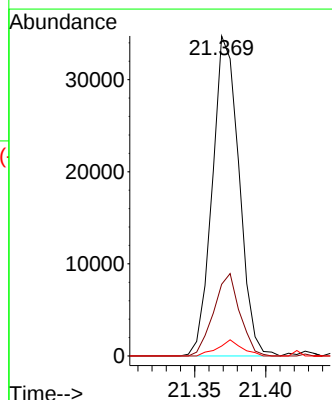
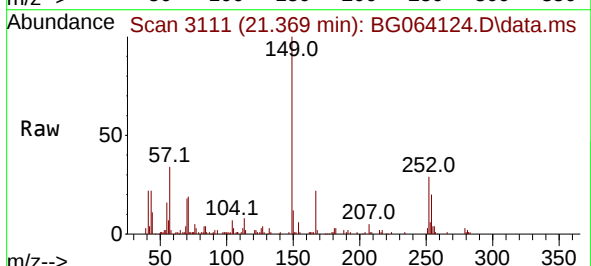
RT: 21.369 min Scan# 3111

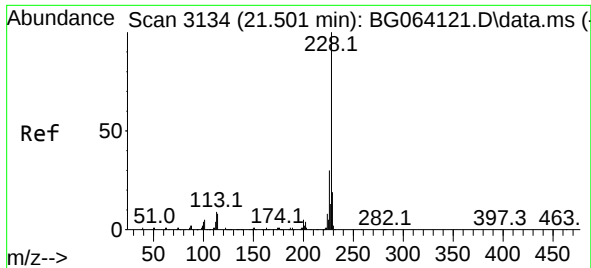
Delta R.T. -0.003 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

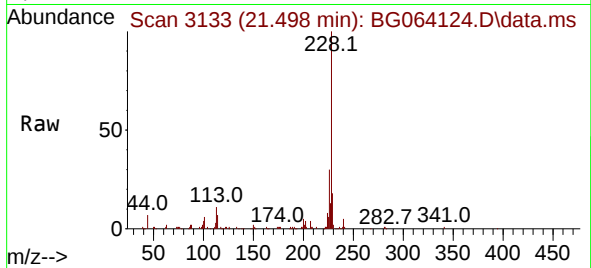
Tgt Ion:	149	Resp:	45311
Ion Ratio	Lower	Upper	
149	100		
167	22.4	21.0	31.4
279	3.1	2.8	4.2





#87
Chrysene
Concen: 4.901 ng/ul
RT: 21.498 min Scan# 3134
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

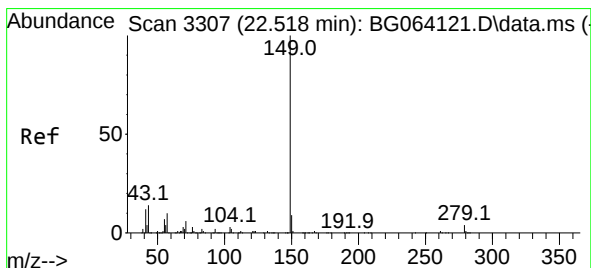
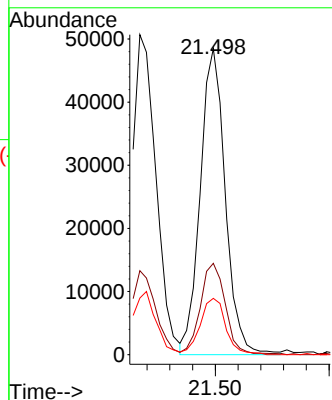
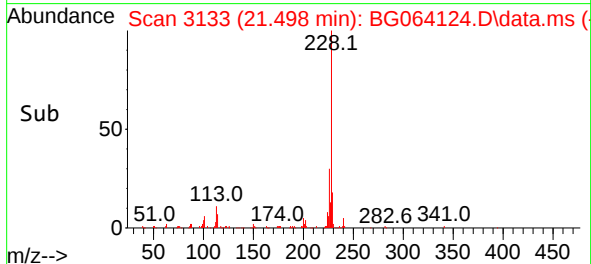
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:228 Resp: 74239
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 18.4 16.2 24.2

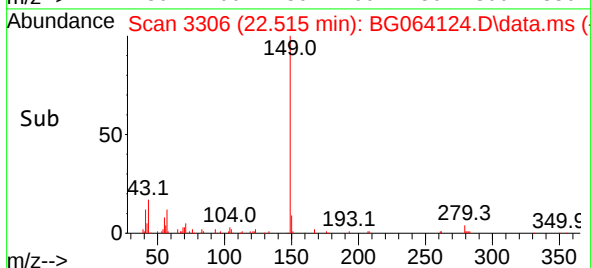
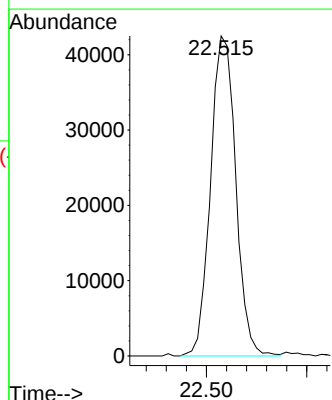
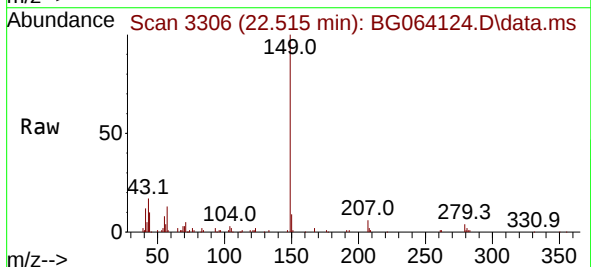
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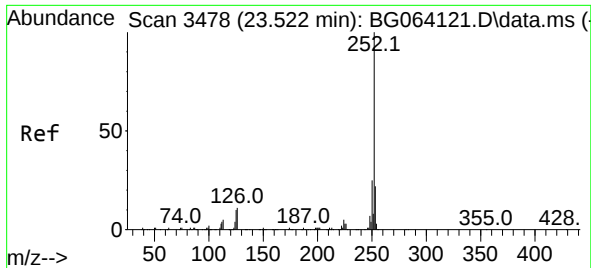
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#89
Di-n-octyl phthalate
Concen: 4.792 ng/ul
RT: 22.515 min Scan# 3306
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

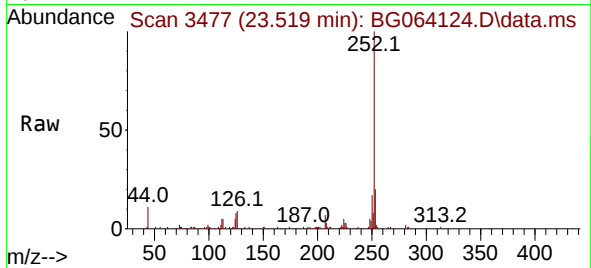
Tgt Ion:149 Resp: 74161





#90
Benzo(b)fluoranthene
Concen: 5.184 ng/ul
RT: 23.519 min Scan# 3478
Delta R.T. 0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

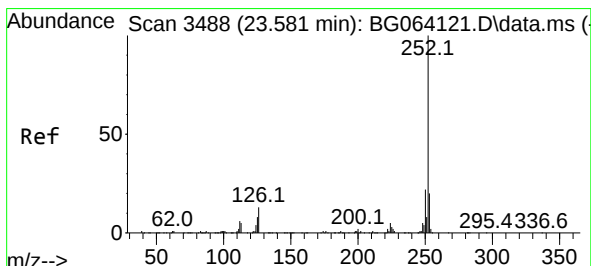
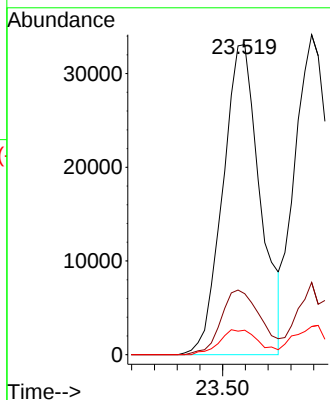
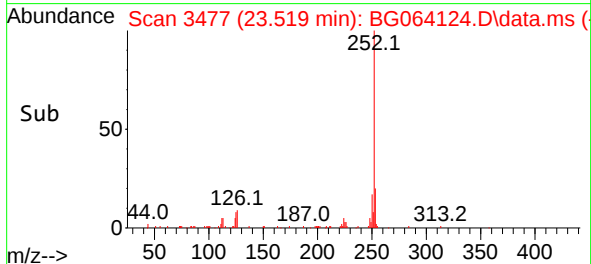
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:252 Resp: 75648
Ion Ratio Lower Upper
252 100
253 19.7 18.2 27.2
125 7.9 7.8 11.6

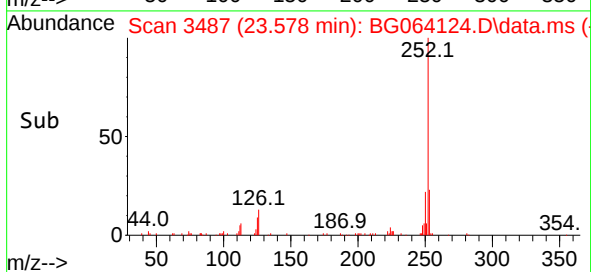
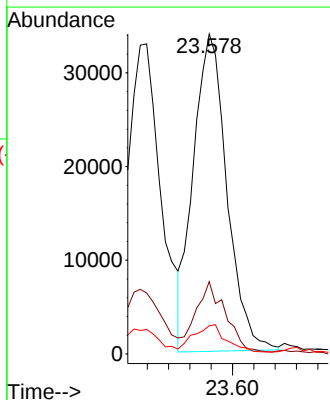
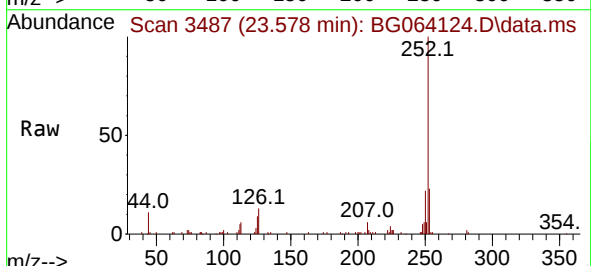
Manual Integrations
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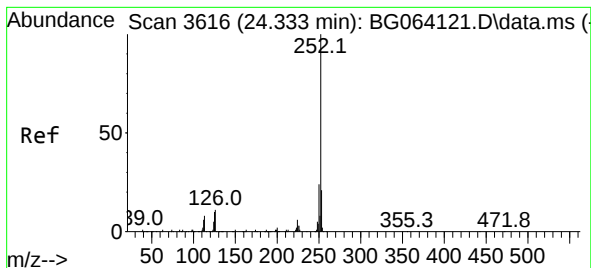
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#91
Benzo(k)fluoranthene
Concen: 4.990 ng/ul
RT: 23.578 min Scan# 3487
Delta R.T. -0.003 min
Lab File: BG064124.D
Acq: 21 Mar 2025 10:39

Tgt Ion:252 Resp: 74276
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 8.8 7.0 10.4





#93

Benzo(a)pyrene

Concen: 4.950 ng/ul

RT: 24.318 min Scan# 30

Delta R.T. -0.009 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

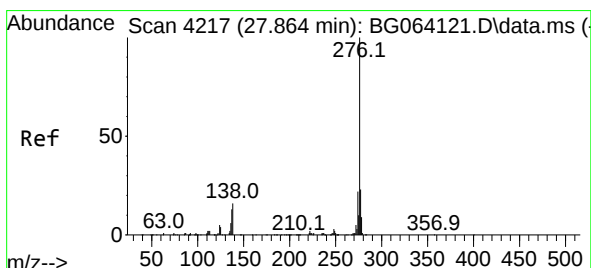
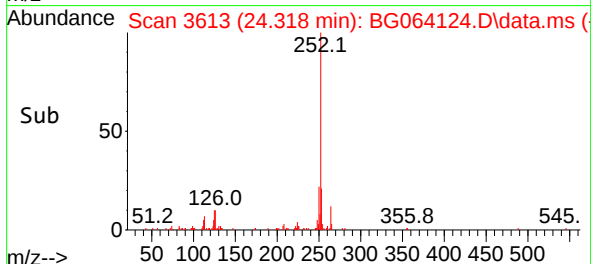
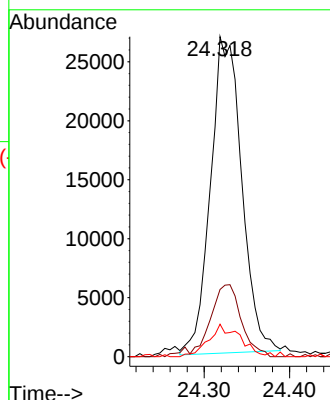
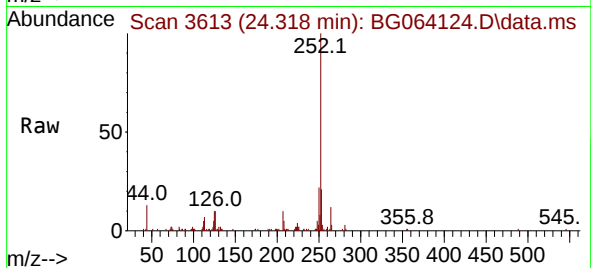
Tgt Ion:252 Resp: 68198
 Ion Ratio Lower Upper
 252 100
 253 21.0 16.3 24.5
 125 10.2 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.722 ng/ul m

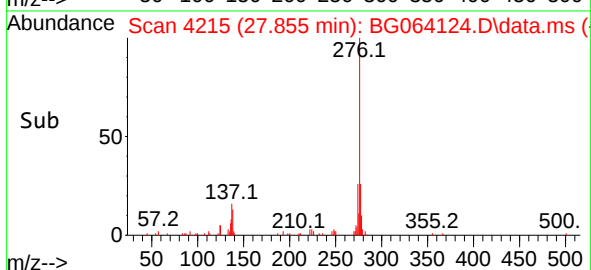
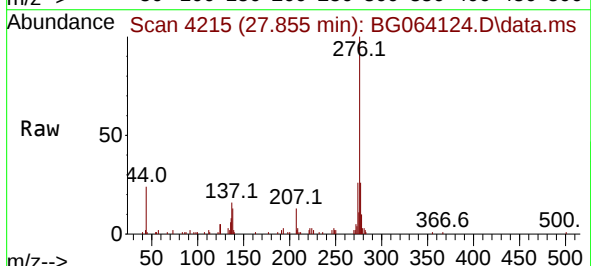
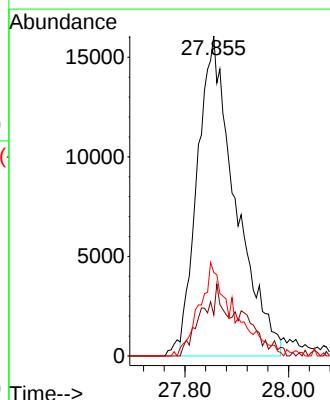
RT: 27.855 min Scan# 4215

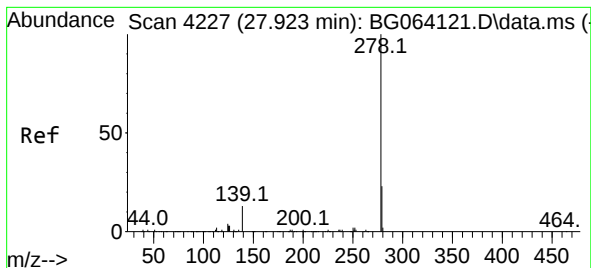
Delta R.T. 0.003 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

Tgt Ion:276 Resp: 81438
 Ion Ratio Lower Upper
 276 100
 138 12.8 12.5 18.7
 277 26.1 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 4.947 ng/ul m

RT: 27.926 min Scan# 4227

Delta R.T. 0.009 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

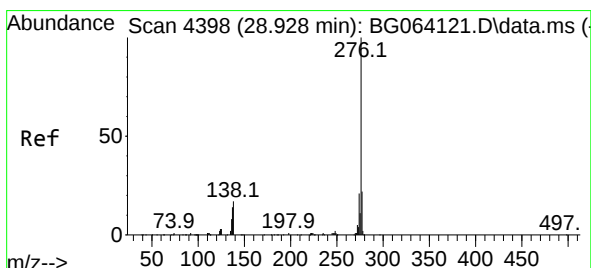
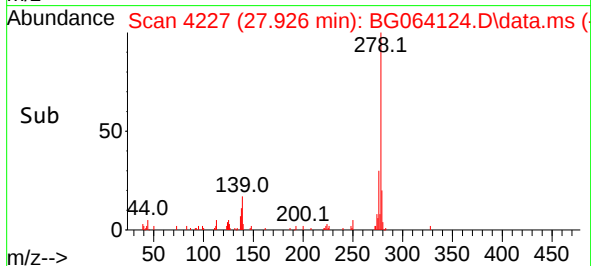
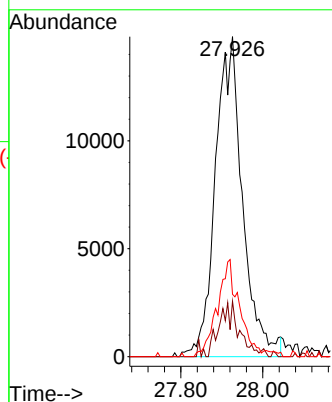
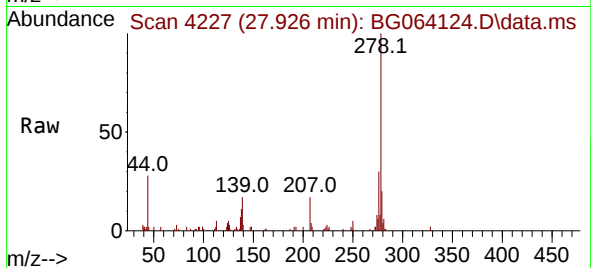
Tgt Ion:	278	Resp:	6796
Ion Ratio	Lower	Upper	
278	100		
139	17.4	10.0	15.0
279	19.5	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#96

Benzo(g,h,i)perylene

Concen: 4.919 ng/ul m

RT: 28.901 min Scan# 4393

Delta R.T. -0.015 min

Lab File: BG064124.D

Acq: 21 Mar 2025 10:39

Tgt Ion:	276	Resp:	65769
Ion Ratio	Lower	Upper	
276	100		
138	18.8	13.4	20.0
277	21.0	19.1	28.7

