

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063517.D
 Acq On : 22 Nov 2024 13:03
 Operator : RC/JU
 Sample : P4776-06
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-08

Quant Time: Nov 22 13:38:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	104352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.621	136	412372	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	318937	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.225	188	800405	20.000	ng/u1	0.00
79) Chrysene-d12	21.484	240	890735	20.000	ng/u1	0.00
88) Perylene-d12	24.528	264	942296	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	8342	3.155	ng/uL	0.00
4) Pyridine-d5	3.705	84	82446	9.949	ng/u1	0.00
7) Phenol-d5	7.007	99	105981	12.349	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	70929	12.886	ng/u1	0.00
11) 2-Chlorophenol-d4	7.366	132	76790	12.625	ng/u1	0.00
15) 4-Methylphenol-d8	8.541	113	85048	11.859	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	39265	13.259	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	46271	12.648	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	93566	13.400	ng/u1	0.00
31) 4-Chloroaniline-d4	10.756	131	114115	12.921	ng/u1	0.00
46) Dimethylphthalate-d6	13.876	166	296589	13.699	ng/u1	0.00
49) Acenaphthylene-d8	14.164	160	344476	13.952	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	34297m	10.661	ng/u1	0.00
60) Fluorene-d10	15.468	176	275435	14.001	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	48617	10.804	ng/u1	0.00
73) Anthracene-d10	17.325	188	466837	13.425	ng/u1	0.00
81) Pyrene-d10	19.628	212	623301	13.960	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.316	264	628998	13.762	ng/u1	0.00
Target Compounds						
				Qvalue		
2) 1,4-Dioxane	3.341	88	3368m	1.079	ng/uL	
5) Pyridine	3.729	79	29457	3.493	ng/u1#	71
6) Benzaldehyde	6.966	77	23311	4.745	ng/u1	93
8) Phenol	7.031	94	40076	4.282	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.254	93	27377	4.053	ng/u1#	83
12) 2-Chlorophenol	7.395	128	27019	4.162	ng/u1	99
13) 2-Methylphenol	8.276	108	29174	4.190	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.353	45	41753	4.219	ng/u1	97
16) Acetophenone	8.646	105	46783	4.129	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.629	70	27285	4.310	ng/u1#	95
18) 4-Methylphenol	8.605	108	30561	4.002	ng/u1	92
19) Hexachloroethane	8.905	117	11465	4.089	ng/u1#	87
22) Nitrobenzene	9.028	77	40445	4.452	ng/u1	93
23) Isophorone	9.545	82	73340	4.421	ng/u1	95
25) 2-Nitrophenol	9.739	139	16095	4.434	ng/u1	93
26) 2,4-Dimethylphenol	9.804	107	31726	4.055	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.033	93	42369	4.614	ng/u1	93
29) 2,4-Dichlorophenol	10.280	162	30774	4.511	ng/u1	88
30) Naphthalene	10.668	128	95012	4.507	ng/u1#	93
32) 4-Chloroaniline	10.785	127	36693	4.348	ng/u1	98
33) Hexachlorobutadiene	10.956	225	27082	4.450	ng/u1	98
34) Caprolactam	11.543	113	8776m	3.817	ng/u1	
35) 4-Chloro-3-methylphenol	11.919	107	29772	4.288	ng/u1	94
36) 2-Methylnaphthalene	12.283	142	70882	4.737	ng/u1	94

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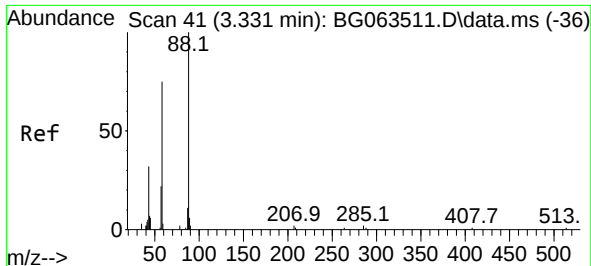
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Manual Integrations
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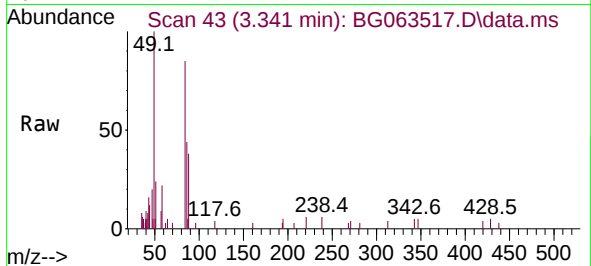
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	67124	4.272	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.659	216	53148	4.742	ng/ul#	91
40) Hexachlorocyclopentadiene	12.636	237	21483	4.494	ng/ul	96
41) 2,4,6-Trichlorophenol	12.900	196	26010	4.229	ng/ul#	86
42) 2,4,5-Trichlorophenol	12.983	196	26421m	4.163	ng/ul	
43) 1,1'-Biphenyl	13.300	154	96397	4.554	ng/ul	97
44) 2-Chloronaphthalene	13.341	162	76811	4.618	ng/ul	90
45) 2-Nitroaniline	13.553	65	21341	4.071	ng/ul#	87
47) Dimethylphthalate	13.923	163	99962	4.739	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	20432	4.774	ng/ul#	78
50) Acenaphthylene	14.193	152	118228	4.763	ng/ul	96
51) 3-Nitroaniline	14.381	138	16351	4.172	ng/ul#	93
52) Acenaphthene	14.534	153	84861	4.734	ng/ul	90
53) 2,4-Dinitrophenol	14.604	184	9575m	4.358	ng/ul	
55) 4-Nitrophenol	14.704	109	15531m	4.154	ng/ul	
56) Dibenzofuran	14.874	168	123859	4.816	ng/ul	96
57) 2,4-Dinitrotoluene	14.839	165	27728	4.234	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.110	232	21113	3.501	ng/ul#	87
59) Diethylphthalate	15.292	149	98788	4.636	ng/ul	99
61) Fluorene	15.527	166	102408	4.677	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.515	204	62060	4.750	ng/ul	96
63) 4-Nitroaniline	15.550	138	18750	4.673	ng/ul#	58
66) 4,6-Dinitro-2-methylph...	15.615	198	19643	4.085	ng/ul#	96
67) N-Nitrosodiphenylamine	15.732	169	84801	4.462	ng/ul	90
68) 4-Bromophenyl-phenylether	16.414	248	39198	4.371	ng/ul	97
69) Hexachlorobenzene	16.531	284	40412	4.298	ng/ul	94
70) Atrazine	16.684	200	42581	4.638	ng/ul	95
71) Pentachlorophenol	16.890	266	19612m	4.460	ng/ul	
72) Phenanthrene	17.272	178	173980	4.560	ng/ul	98
74) Anthracene	17.360	178	177136m	4.546	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.270	216	49113	4.217	ng/ul#	83
76) Pentachlorobenzene	14.798	250	46779	4.067	ng/ul	94
77) Carbazole	17.636	167	147058	4.549	ng/ul	98
78) Di-n-butylphthalate	18.194	149	162064	4.373	ng/ul	98
80) Fluoranthene	19.293	202	224201	4.541	ng/ul	99
82) Pyrene	19.657	202	238039	4.500	ng/ul	99
83) Butylbenzylphthalate	20.550	149	74539	4.342	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.390	252	87857	4.592	ng/ul#	97
85) Benzo(a)anthracene	21.467	228	263767	4.580	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.384	149	107031	4.289	ng/ul	100
87) Chrysene	21.531	228	250861	4.658	ng/ul	95
89) Di-n-octyl phthalate	22.530	149	190302	4.552	ng/ul	100
90) Benzo(b)fluoranthene	23.564	252	255654	4.519	ng/ul#	97
91) Benzo(k)fluoranthene	23.635	252	266481	4.694	ng/ul	97
93) Benzo(a)pyrene	24.381	252	237116	4.478	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.959	276	287746	4.381	ng/ul	99
95) Dibenzo(a,h)anthracene	28.006	278	244667m	4.557	ng/ul	
96) Benzo(g,h,i)perylene	29.034	276	218217	4.382	ng/ul	97

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



#2
1,4-Dioxane
Concen: 1.079 ng/uL m
RT: 3.341 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG063517.D
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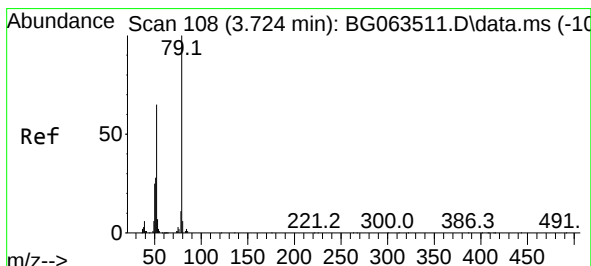
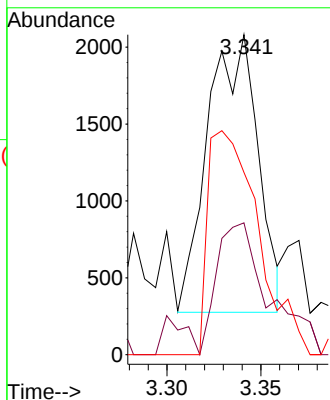
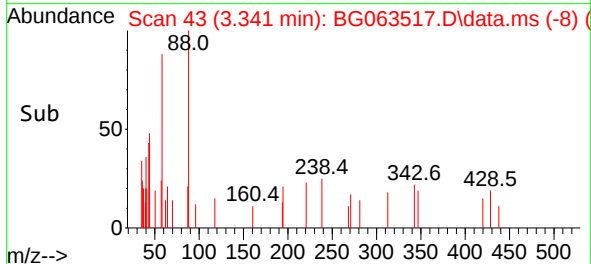
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 88 Resp: 3368
Ion Ratio Lower Upper
88 100
43 41.2 19.0 28.4
58 56.9 52.3 78.5

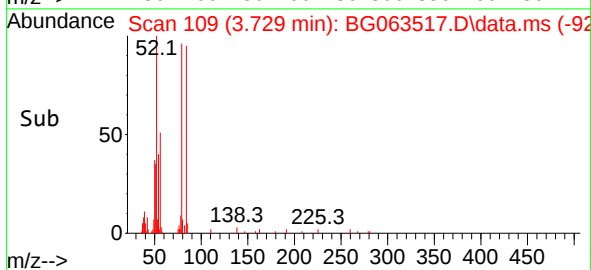
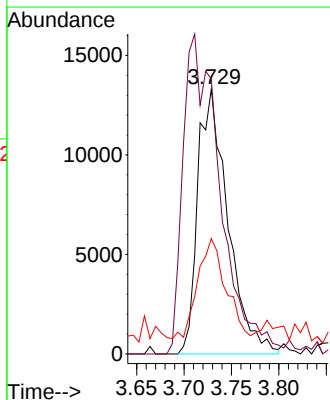
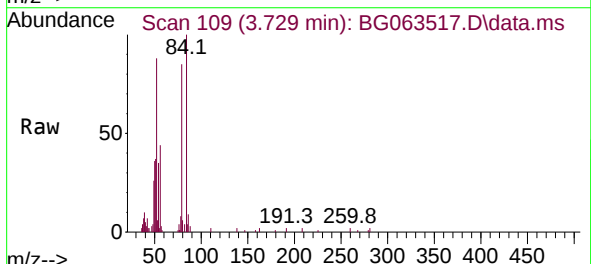
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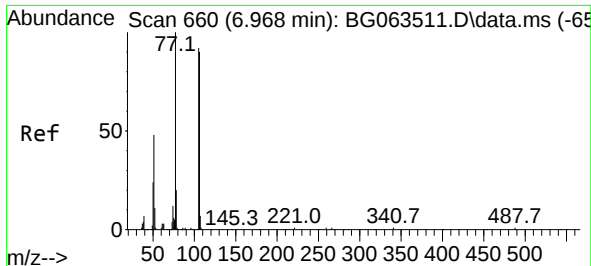
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#5
Pyridine
Concen: 3.493 ng/uL
RT: 3.729 min Scan# 109
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion: 79 Resp: 29457
Ion Ratio Lower Upper
79 100
52 103.6 57.4 86.0
51 43.5 29.7 44.5





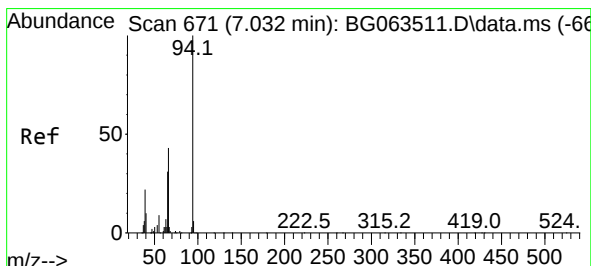
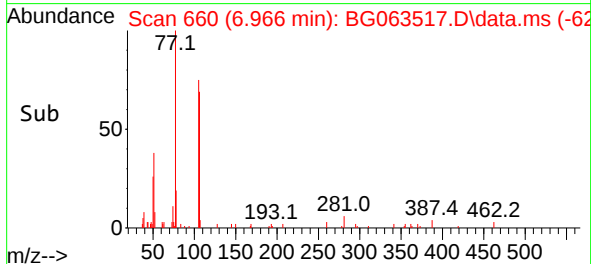
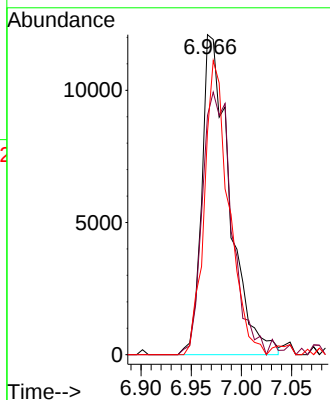
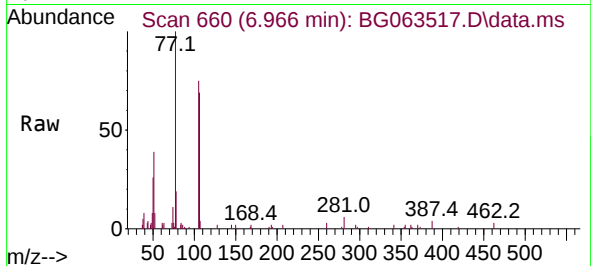
#6
Benzaldehyde
Concen: 4.745 ng/ul
RT: 6.966 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 77 Resp: 2331
Ion Ratio Lower Upper
77 100
105 74.7 65.5 98.3
106 69.5 59.6 89.4

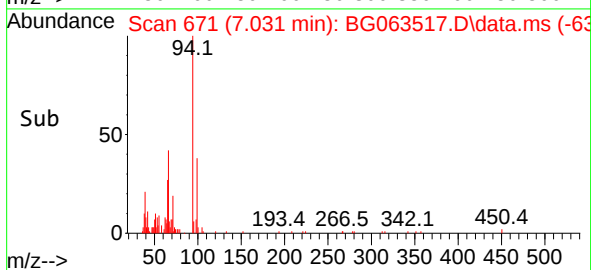
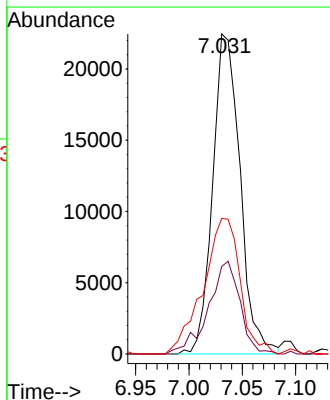
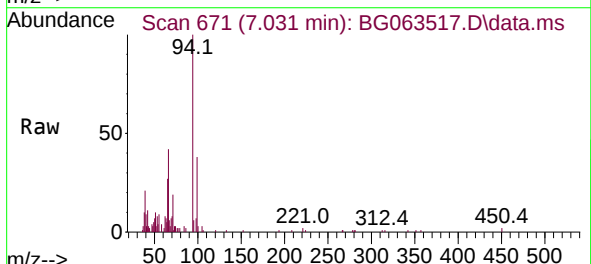
Manual Integrations
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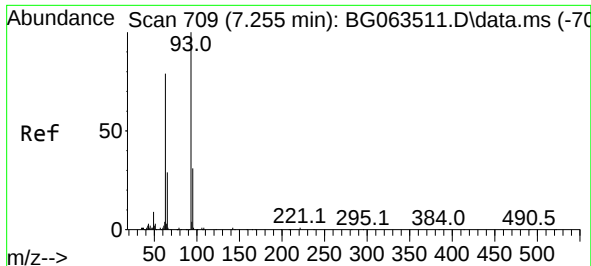
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#8
Phenol
Concen: 4.282 ng/ul
RT: 7.031 min Scan# 671
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

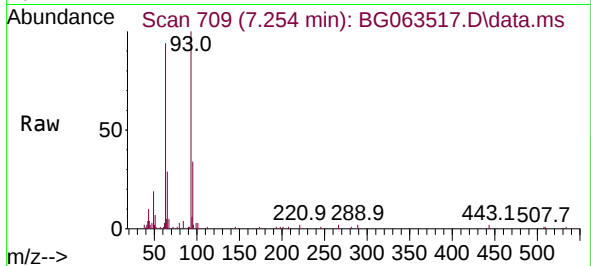
Tgt Ion: 94 Resp: 40076
Ion Ratio Lower Upper
94 100
65 27.3 23.8 35.8
66 42.3 36.4 54.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.053 ng/ul
RT: 7.254 min Scan# 709
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

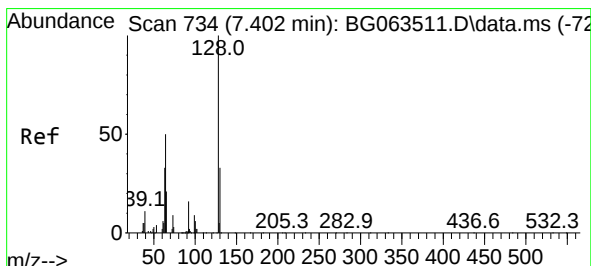
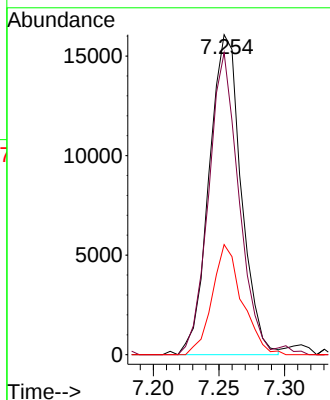
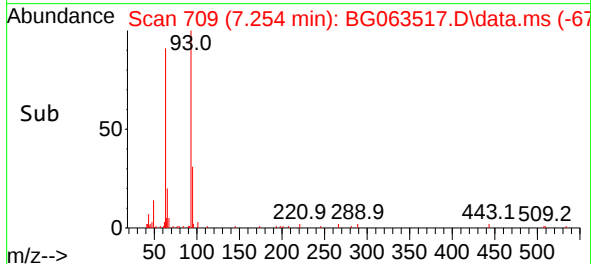
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



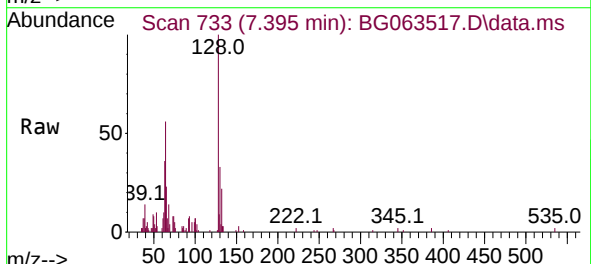
Tgt Ion: 93 Resp: 2737
Ion Ratio Lower Upper
93 100
63 94.4 62.7 94.1
95 34.4 21.6 32.4

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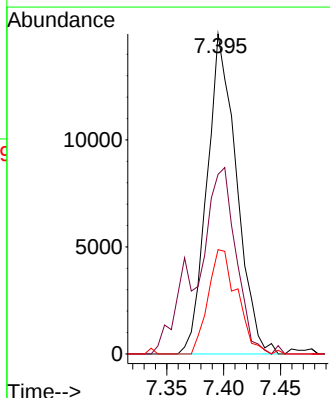
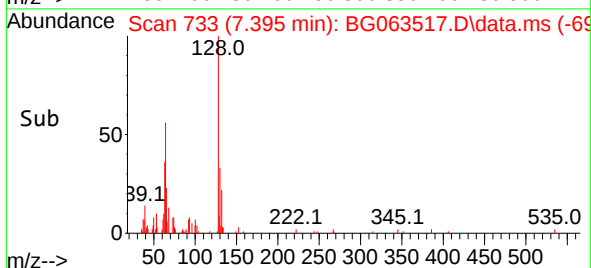
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

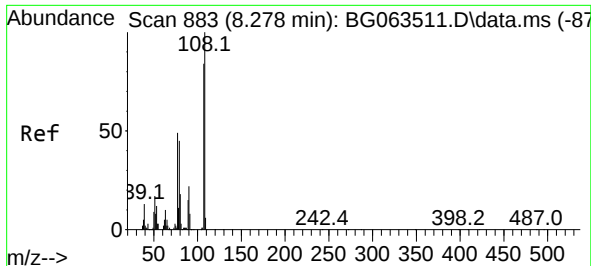


#12
2-Chlorophenol
Concen: 4.162 ng/ul
RT: 7.395 min Scan# 733
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03



Tgt Ion:128 Resp: 27019
Ion Ratio Lower Upper
128 100
64 56.1 45.1 67.7
130 32.6 25.0 37.6





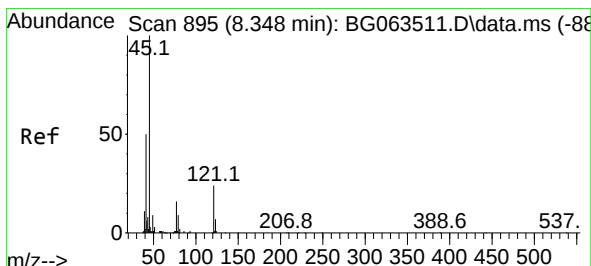
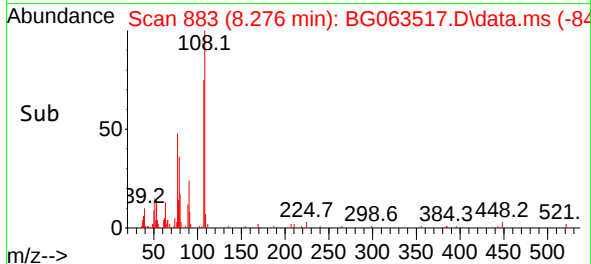
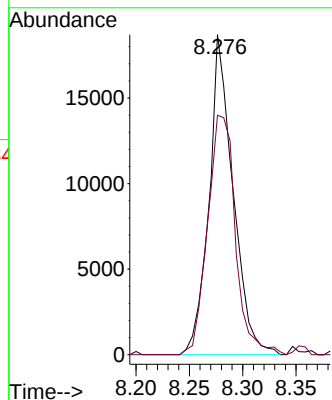
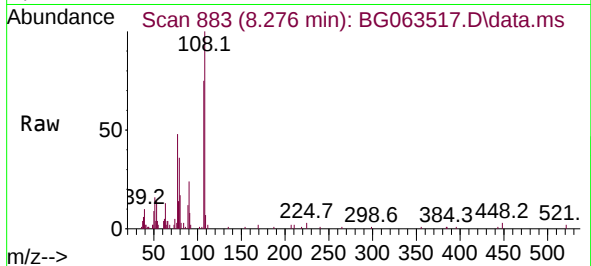
#13
2-Methylphenol
Concen: 4.190 ng/ul
RT: 8.276 min Scan# 883
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

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ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 108 Resp: 29174
Ion Ratio Lower Upper
108 100
107 74.8 67.7 101.5

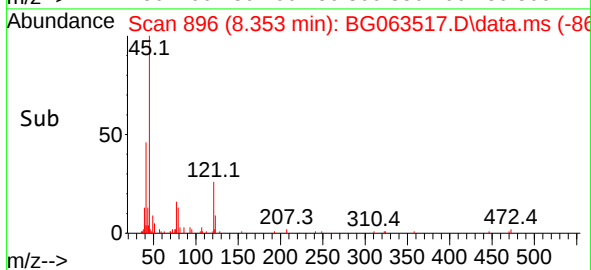
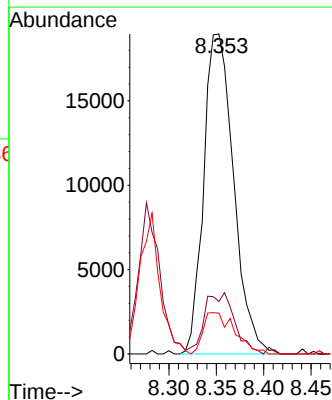
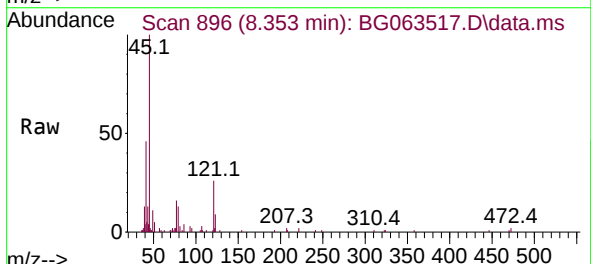
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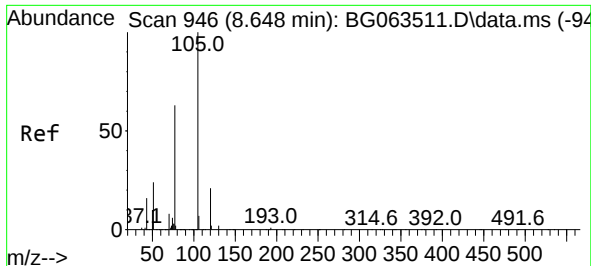
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.219 ng/ul
RT: 8.353 min Scan# 896
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion: 45 Resp: 41753
Ion Ratio Lower Upper
45 100
77 16.4 14.5 21.7
79 12.8 9.7 14.5





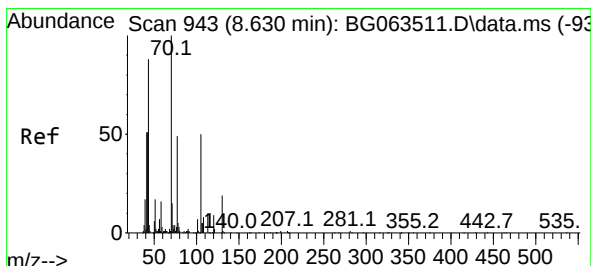
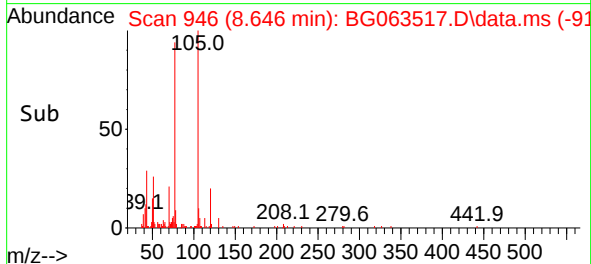
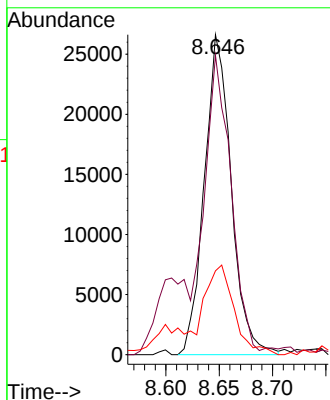
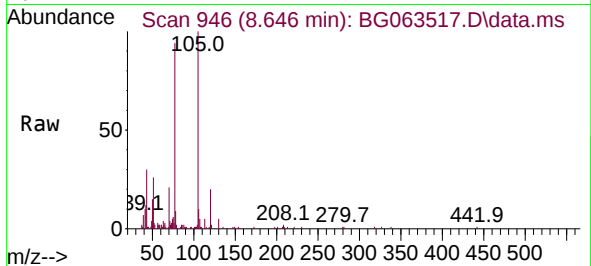
#16
Acetophenone
Concen: 4.129 ng/ul
RT: 8.646 min Scan# 946
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:105 Resp: 4678
Ion Ratio Lower Upper
105 100
77 93.5 67.0 100.6
51 26.2 22.3 33.5

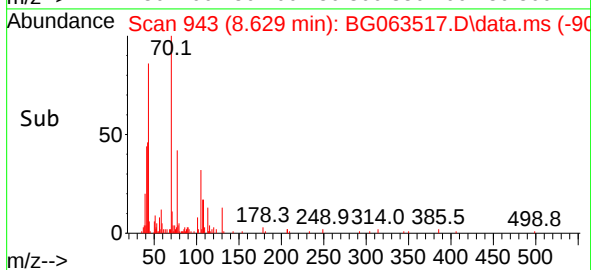
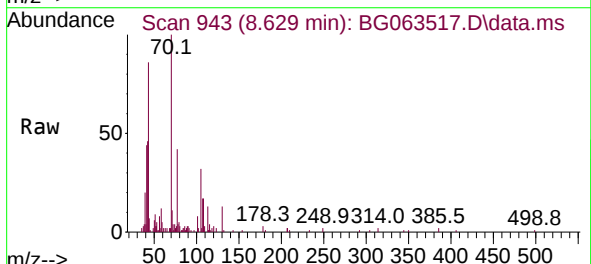
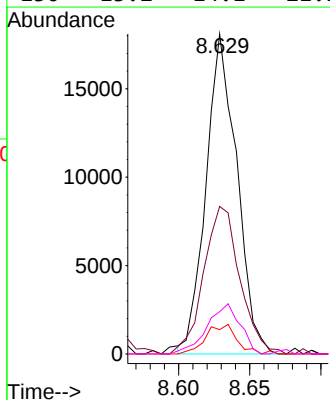
Manual Integrations
APPROVED

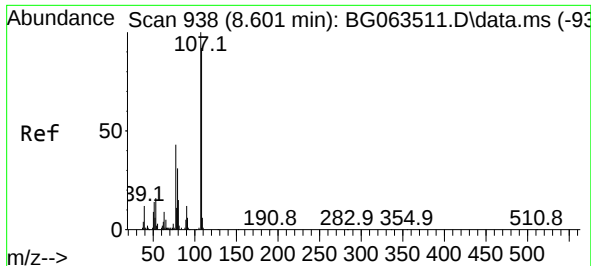
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.310 ng/ul
RT: 8.629 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion: 70 Resp: 27285
Ion Ratio Lower Upper
70 100
42 46.1 38.9 58.3
101 7.6 7.2 10.8
130 13.2 14.1 21.1#





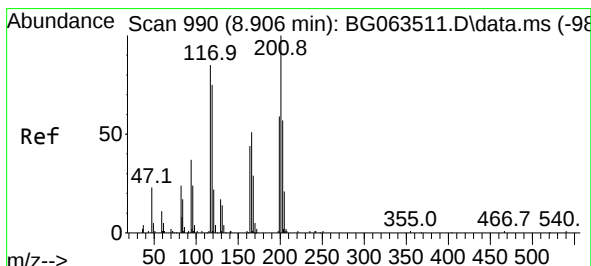
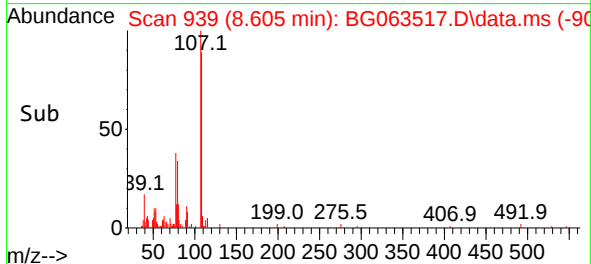
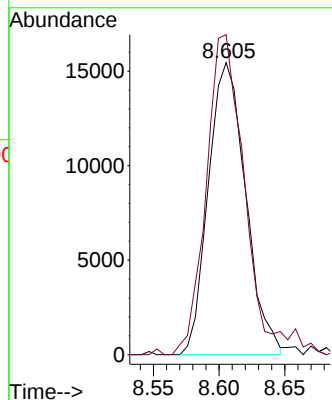
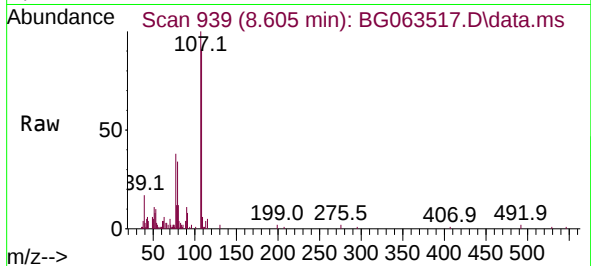
#18
4-Methylphenol
Concen: 4.002 ng/ul
RT: 8.605 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:108 Resp: 3056
Ion Ratio Lower Upper
108 100
107 109.6 81.4 122.2

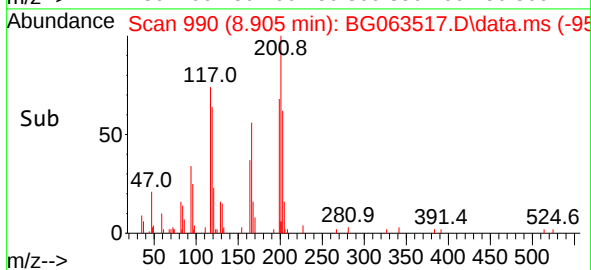
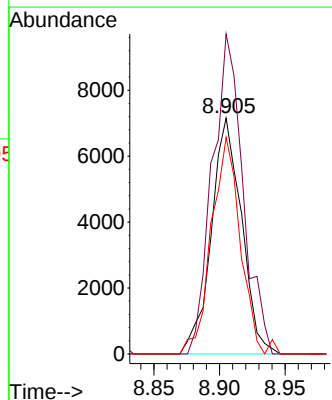
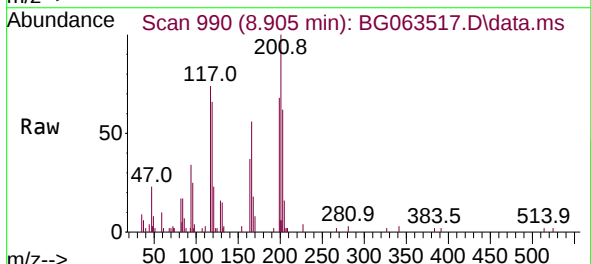
Manual Integrations
APPROVED

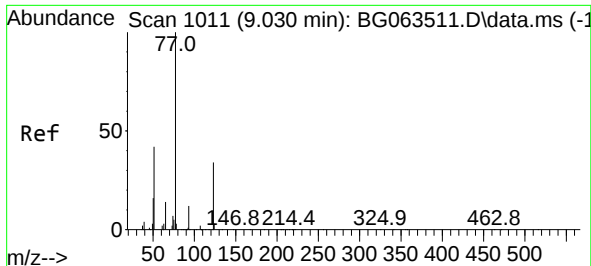
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#19
Hexachloroethane
Concen: 4.089 ng/ul
RT: 8.905 min Scan# 990
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

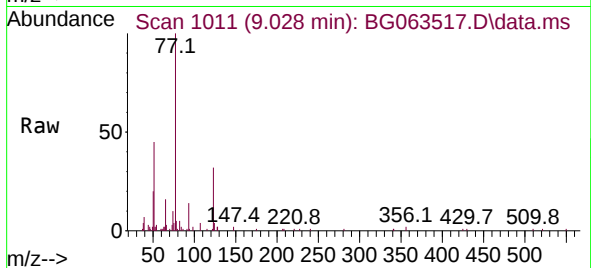
Tgt Ion:117 Resp: 11465
Ion Ratio Lower Upper
117 100
201 144.2 107.0 160.4
199 91.8 60.0 90.0#





#22
Nitrobenzene
Concen: 4.452 ng/ul
RT: 9.028 min Scan# 1011
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

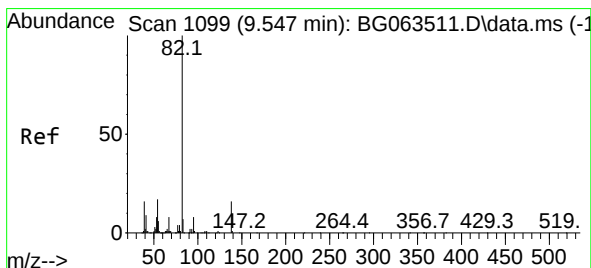
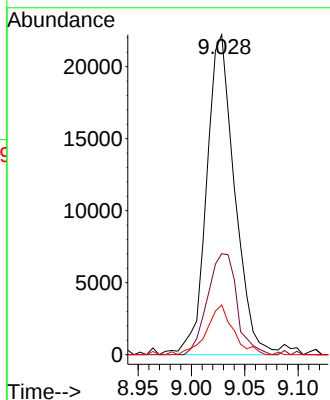
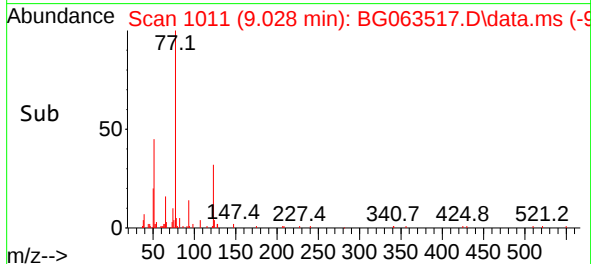
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 77 Resp: 4044
Ion Ratio Lower Upper
77 100
123 31.5 29.8 44.8
65 15.6 11.9 17.9

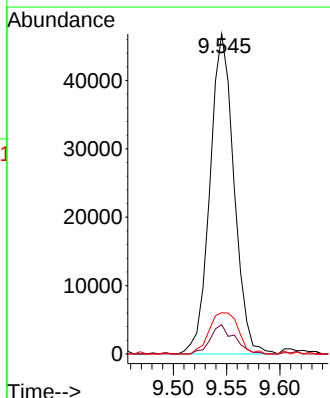
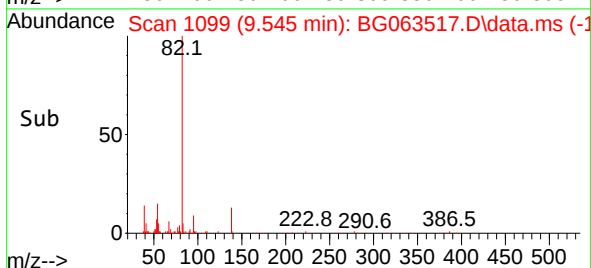
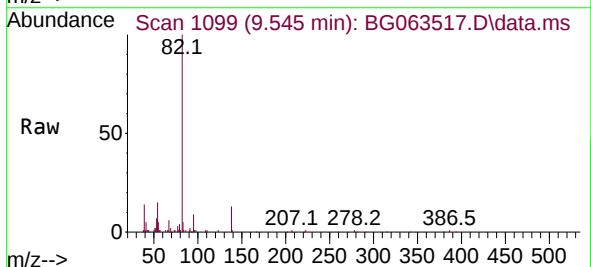
Manual Integrations
APPROVED

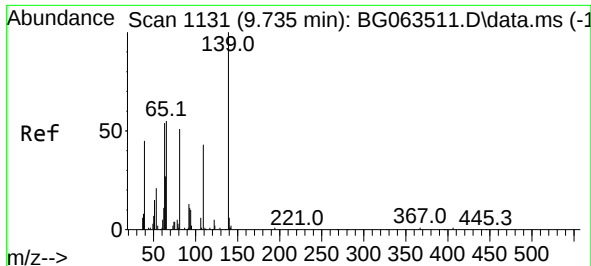
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#23
Isophorone
Concen: 4.421 ng/ul
RT: 9.545 min Scan# 1099
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion: 82 Resp: 73340
Ion Ratio Lower Upper
82 100
95 9.2 6.2 9.4
138 12.9 11.9 17.9





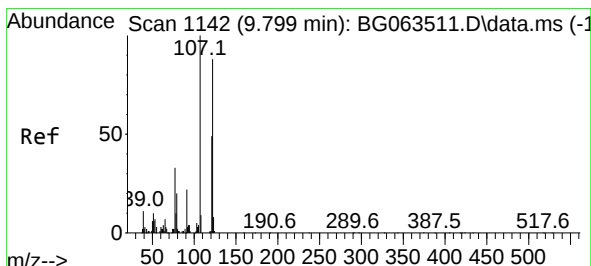
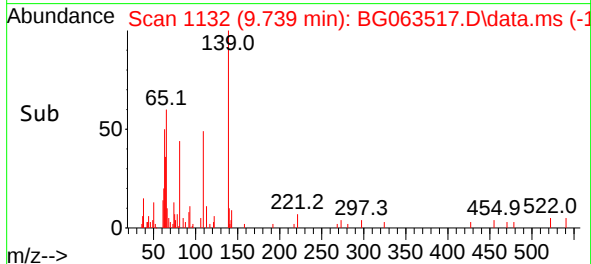
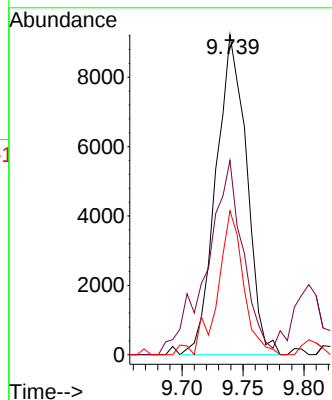
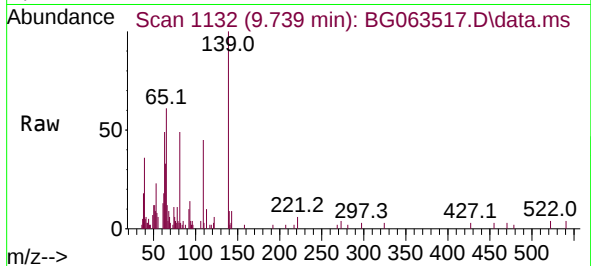
#25
2-Nitrophenol
Concen: 4.434 ng/ul
RT: 9.739 min Scan# 1131
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:139 Resp: 1609
Ion Ratio Lower Upper
139 100
65 60.7 54.0 81.0
109 44.9 38.2 57.4

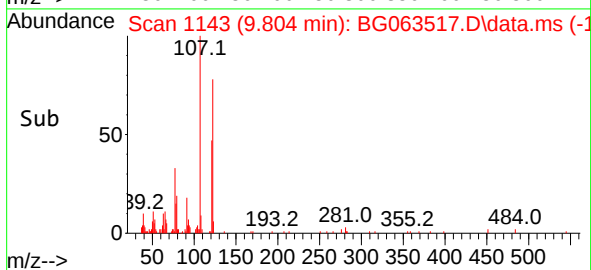
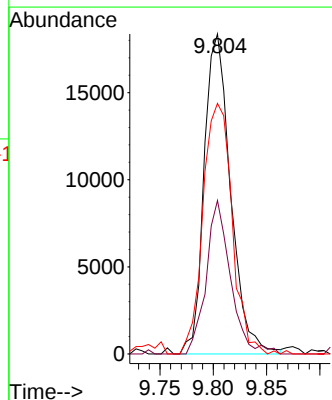
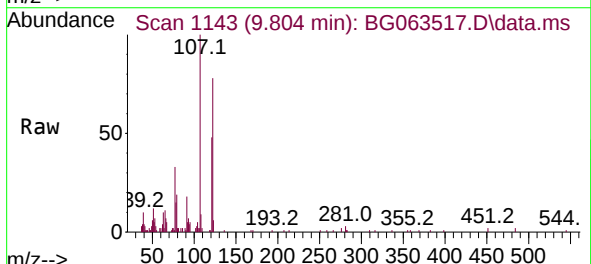
Manual Integrations
APPROVED

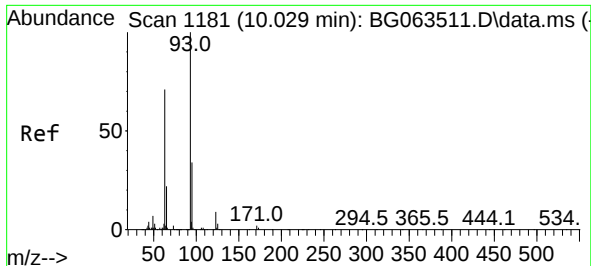
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2,4-Dimethylphenol
Concen: 4.055 ng/ul
RT: 9.804 min Scan# 1143
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion:107 Resp: 31726
Ion Ratio Lower Upper
107 100
121 47.9 34.4 51.6
122 78.3 61.0 91.6





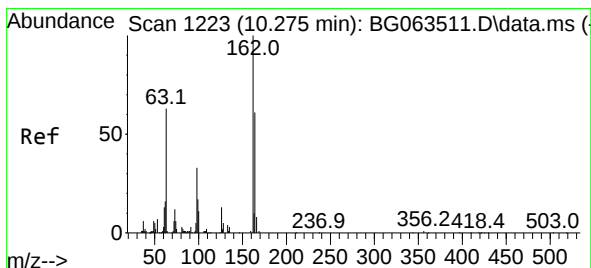
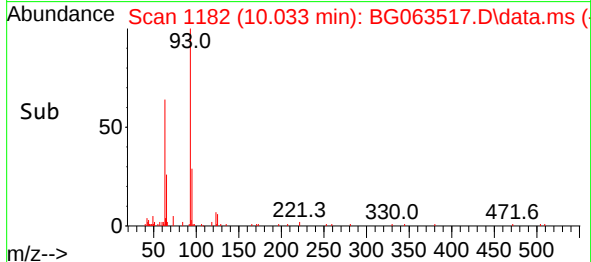
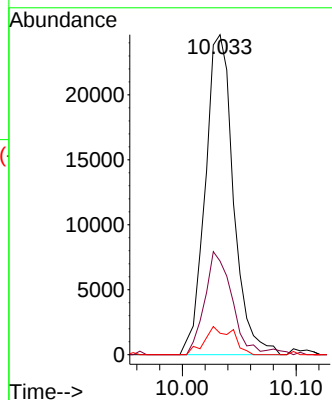
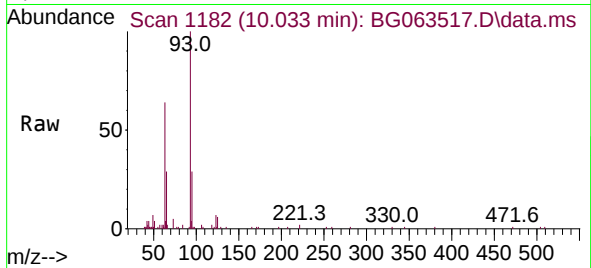
#27
Bis(2-Chloroethoxy)methane
Concen: 4.614 ng/ul
RT: 10.033 min Scan# 1181
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 93 Resp: 42369
Ion Ratio Lower Upper
93 100
95 29.2 26.9 40.3
123 6.7 6.6 9.8

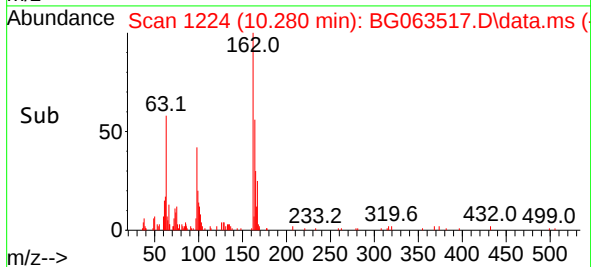
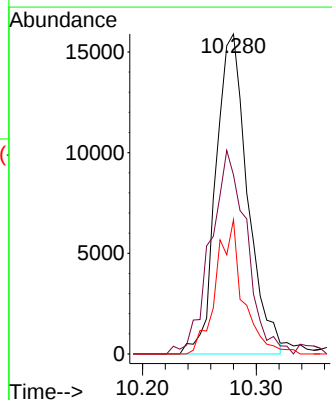
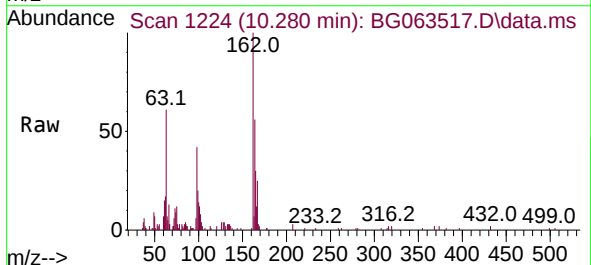
Manual Integrations
APPROVED

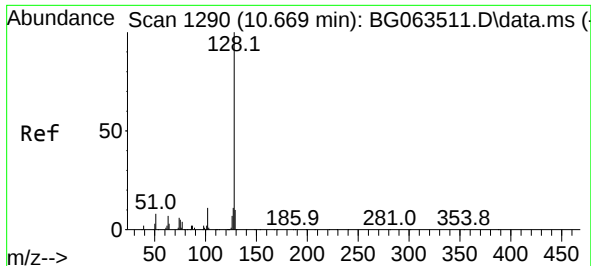
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#29
2,4-Dichlorophenol
Concen: 4.511 ng/ul
RT: 10.280 min Scan# 1224
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion:162 Resp: 30774
Ion Ratio Lower Upper
162 100
164 56.0 52.8 79.2
98 41.9 29.0 43.6





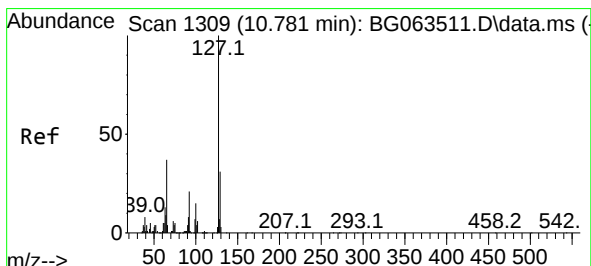
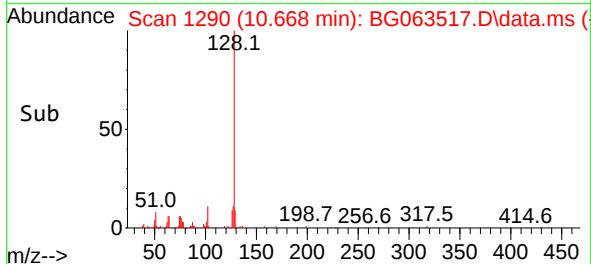
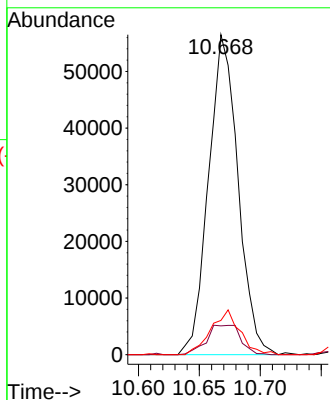
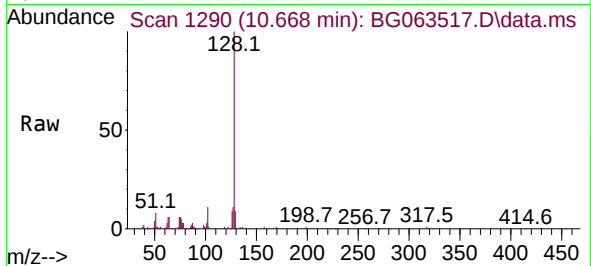
#30
Naphthalene
Concen: 4.507 ng/ul
RT: 10.668 min Scan# 1310
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:128 Resp: 95012
Ion Ratio Lower Upper
128 100
129 9.0 8.2 12.2
127 10.7 11.8 17.6

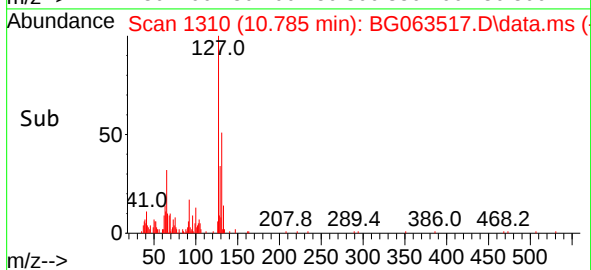
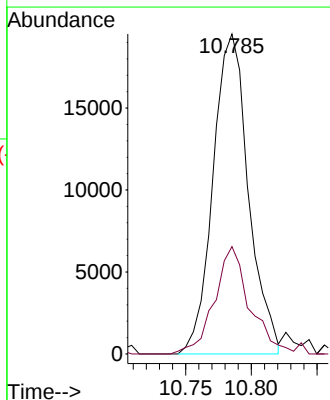
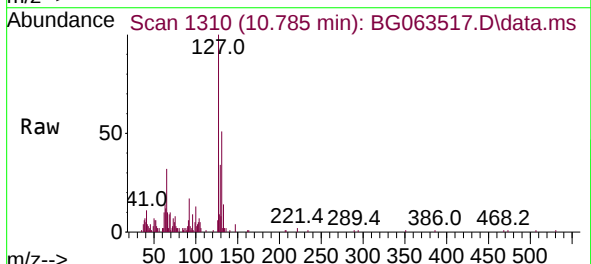
Manual Integrations
APPROVED

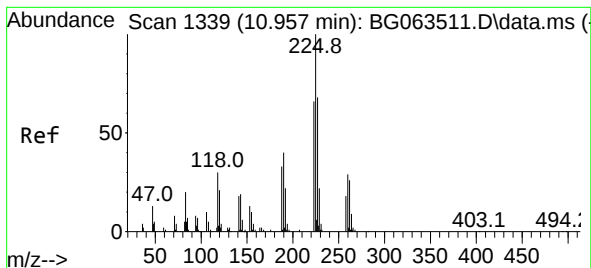
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#32
4-Chloroaniline
Concen: 4.348 ng/ul
RT: 10.785 min Scan# 1310
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

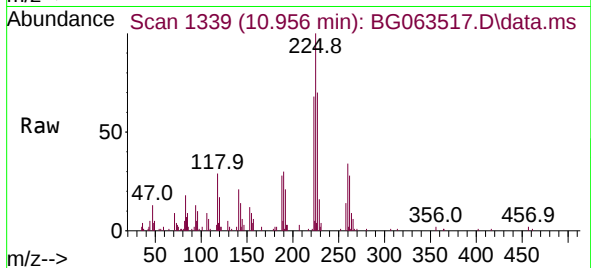
Tgt Ion:127 Resp: 36693
Ion Ratio Lower Upper
127 100
129 33.6 26.2 39.2





#33
Hexachlorobutadiene
Concen: 4.450 ng/ul
RT: 10.956 min Scan# 1339
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

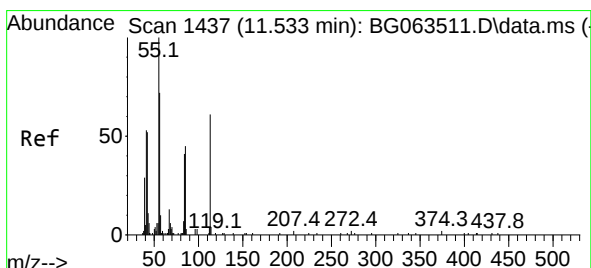
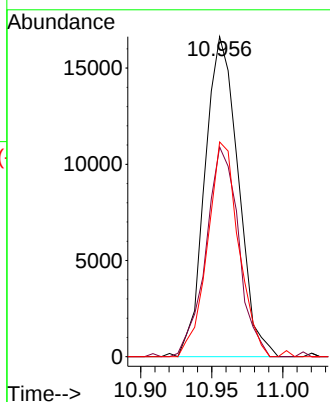
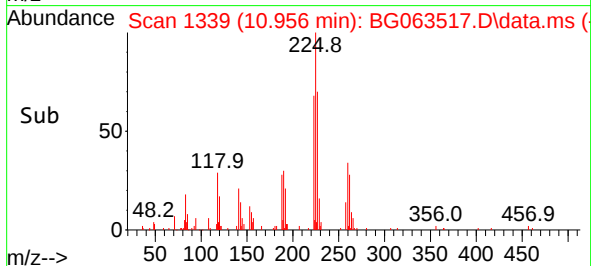
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion:225 Resp: 2708
Ion Ratio Lower Upper
225 100
223 65.5 54.8 82.2
227 67.1 53.4 80.2

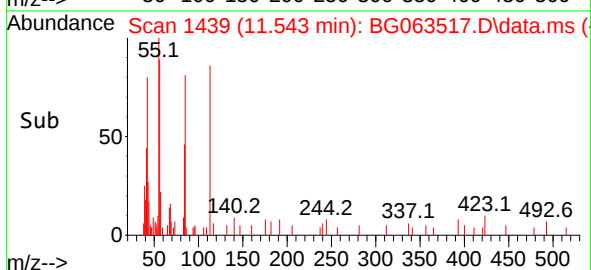
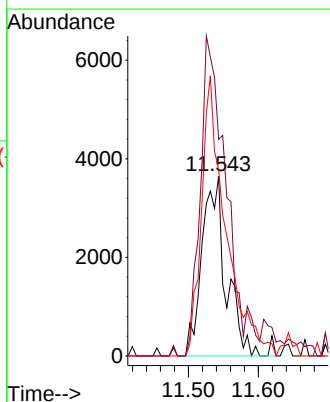
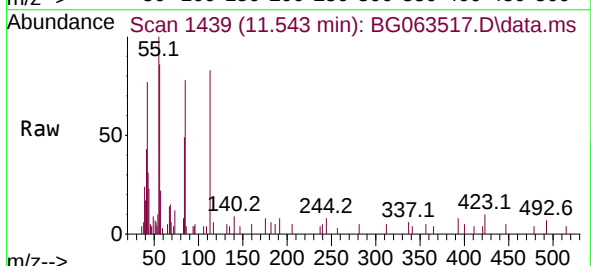
Manual Integrations
APPROVED

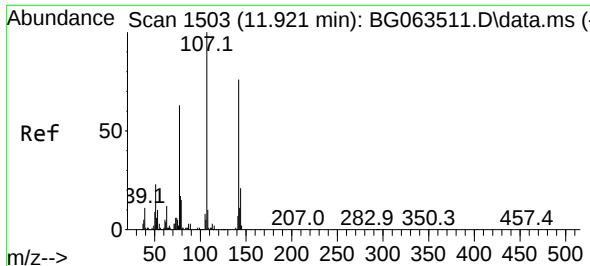
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Caprolactam
Concen: 3.817 ng/ul m
RT: 11.543 min Scan# 1439
Delta R.T. 0.009 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

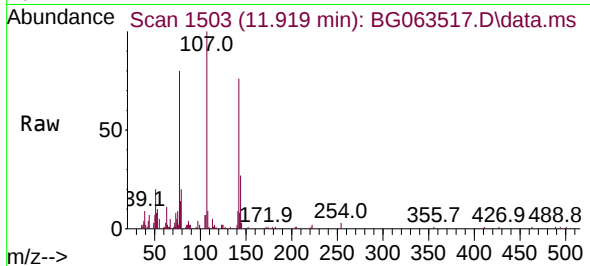
Tgt Ion:113 Resp: 8776
Ion Ratio Lower Upper
113 100
55 120.5 135.2 202.8#
56 103.6 109.8 164.6#





#35
4-Chloro-3-methylphenol
Concen: 4.288 ng/ul
RT: 11.919 min Scan# 1503
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

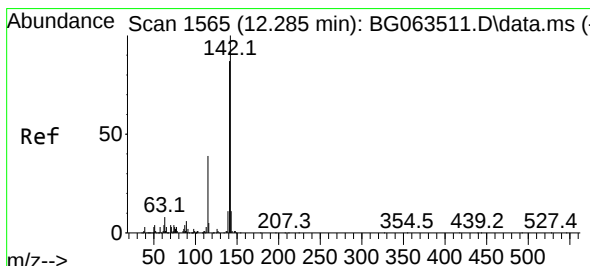
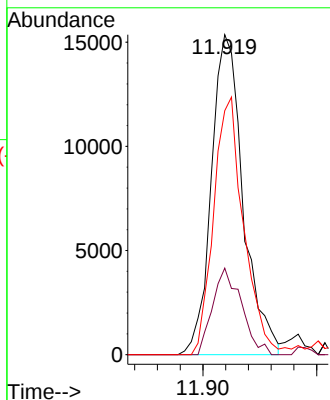
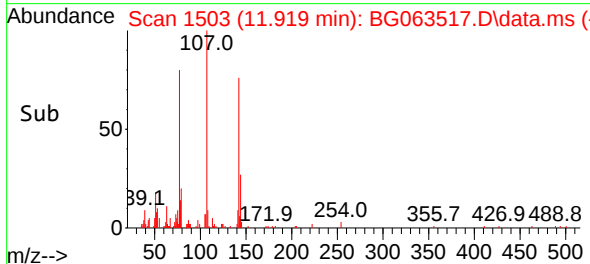
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion:107 Resp: 29772
Ion Ratio Lower Upper
107 100
144 27.0 18.6 27.8
142 76.2 65.2 97.8

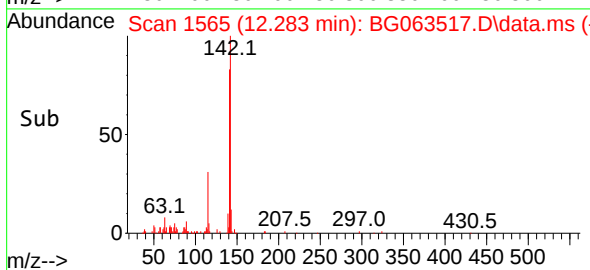
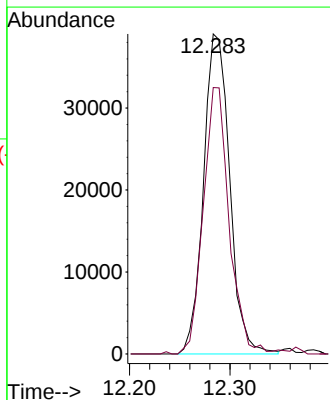
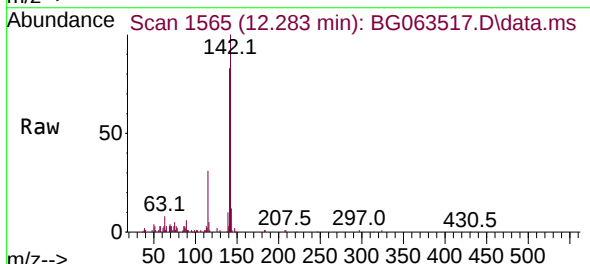
Manual Integrations
APPROVED

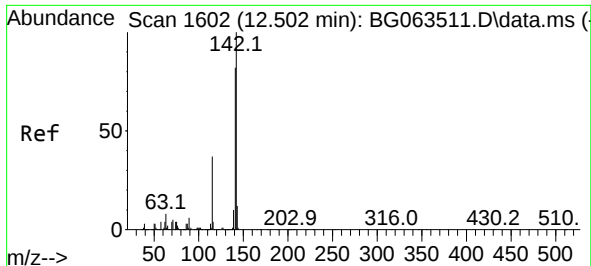
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#36
2-Methylnaphthalene
Concen: 4.737 ng/ul
RT: 12.283 min Scan# 1565
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

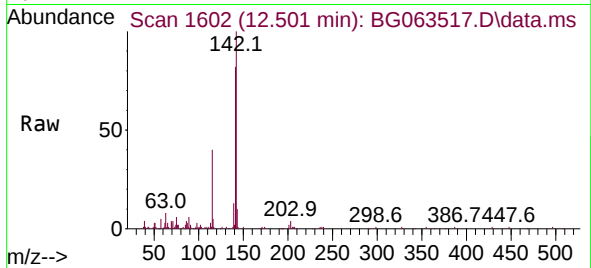
Tgt Ion:142 Resp: 70882
Ion Ratio Lower Upper
142 100
141 83.3 70.9 106.3





#37
1-Methylnaphthalene
Concen: 4.272 ng/ul
RT: 12.501 min Scan# 1602
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

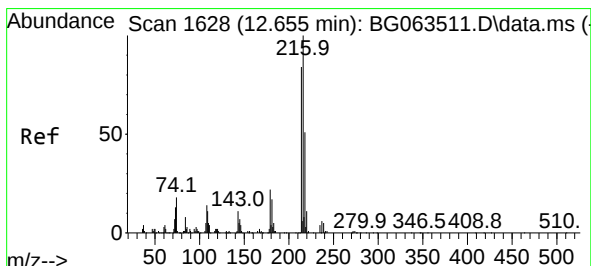
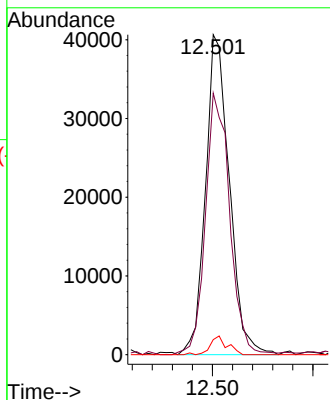
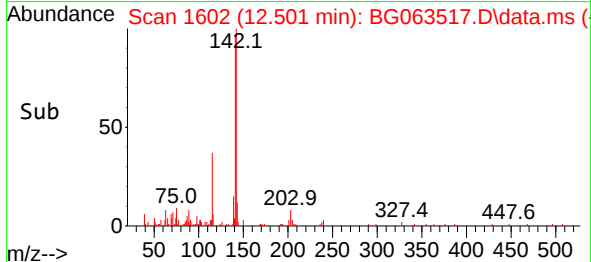
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion:142 Resp: 67124
Ion Ratio Lower Upper
142 100
141 81.8 71.0 106.4
116 5.5 3.5 5.3

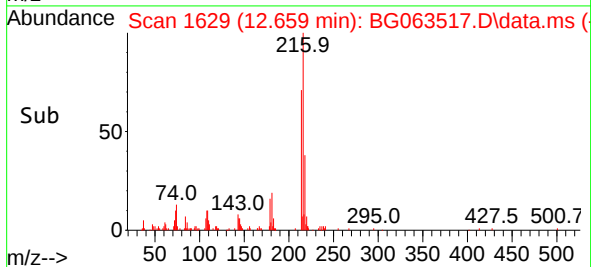
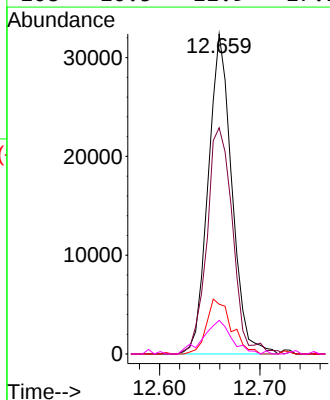
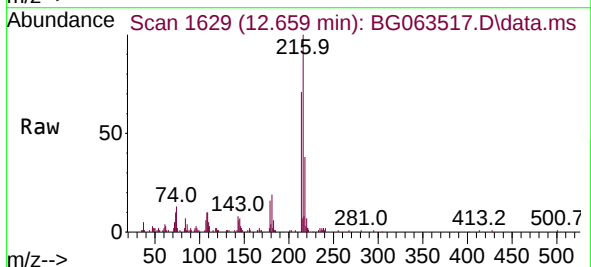
Manual Integrations
APPROVED

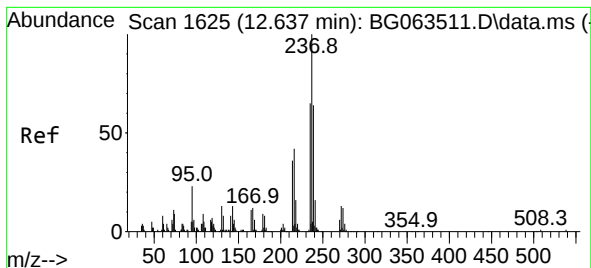
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.742 ng/ul
RT: 12.659 min Scan# 1629
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

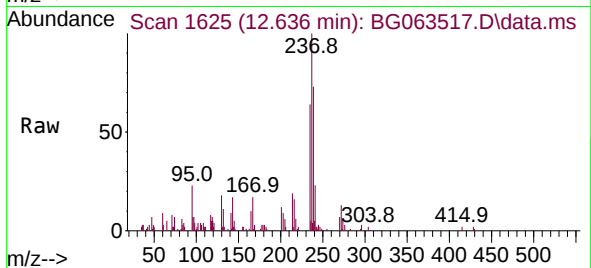
Tgt Ion:216 Resp: 53148
Ion Ratio Lower Upper
216 100
214 70.7 62.6 93.8
179 15.6 14.9 22.3
108 10.5 11.9 17.9#





#40
Hexachlorocyclopentadiene
Concen: 4.494 ng/ul
RT: 12.636 min Scan# 1625
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

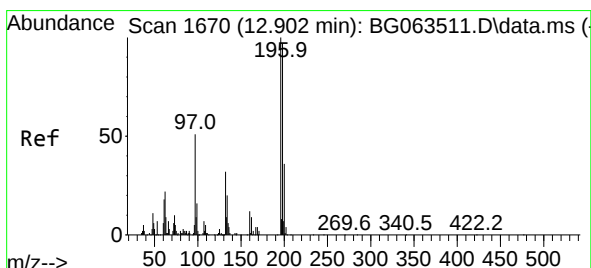
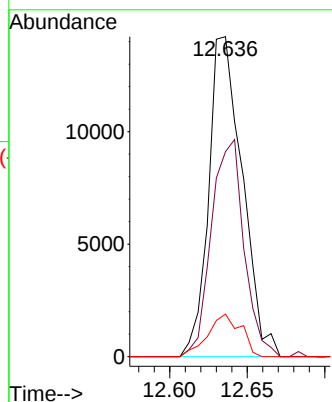
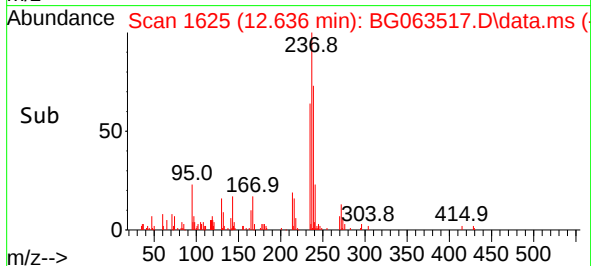
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 237 Resp: 2148
Ion Ratio Lower Upper
237 100
235 61.7 47.2 70.8
272 12.8 9.3 13.9

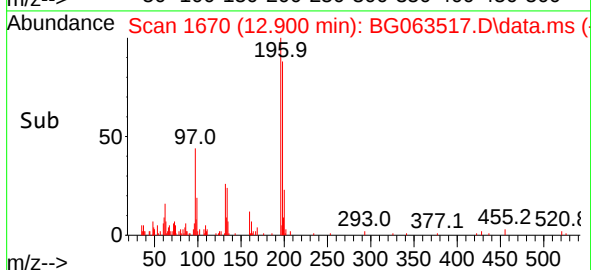
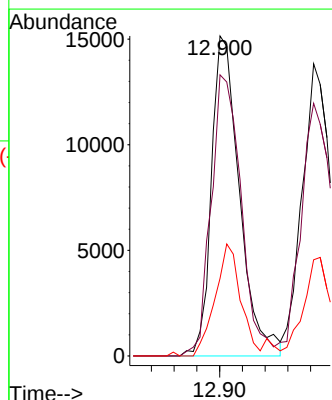
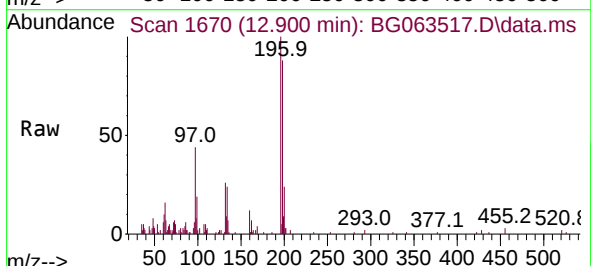
Manual Integrations
APPROVED

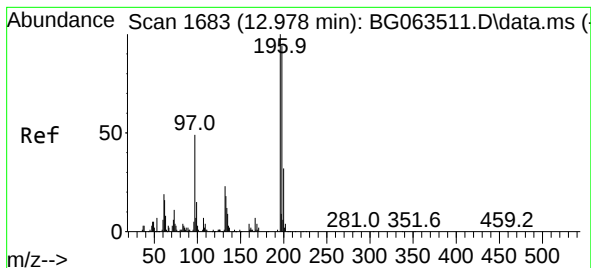
Reviewed By : Jagrut Upadhyay 11/25/2024
Supervised By : mohammad ahmed 11/27/2024



#41
2,4,6-Trichlorophenol
Concen: 4.229 ng/ul
RT: 12.900 min Scan# 1670
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion: 196 Resp: 26010
Ion Ratio Lower Upper
196 100
198 87.8 81.5 122.3
200 24.2 26.0 39.0#





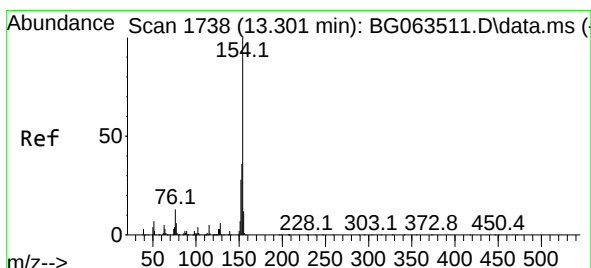
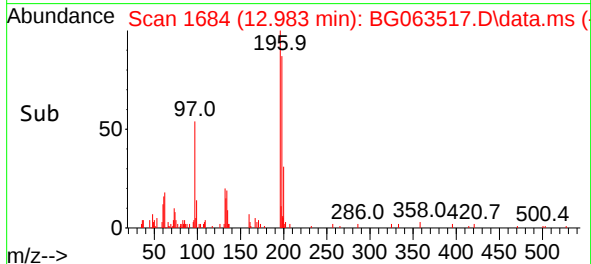
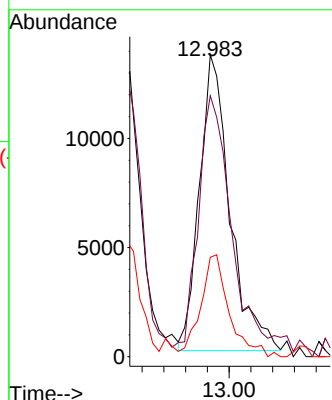
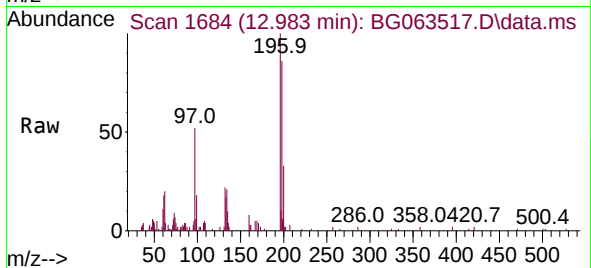
#42
2,4,5-Trichlorophenol
Concen: 4.163 ng/ul m
RT: 12.983 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:196 Resp: 2642
Ion Ratio Lower Upper
196 100
198 86.5 74.8 112.2
200 32.9 23.5 35.3

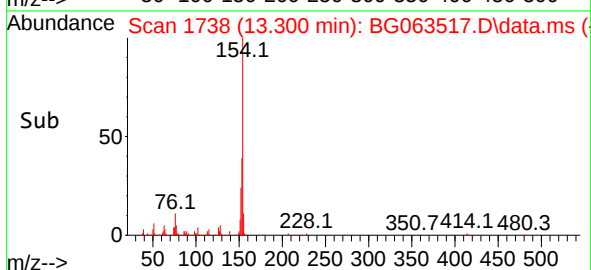
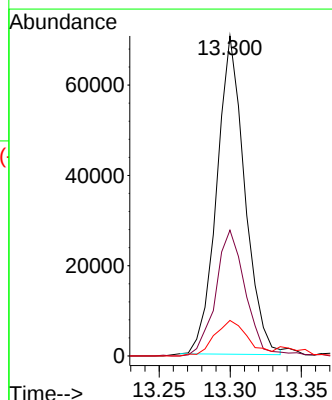
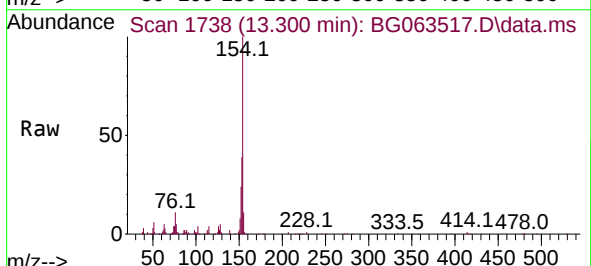
Manual Integrations
APPROVED

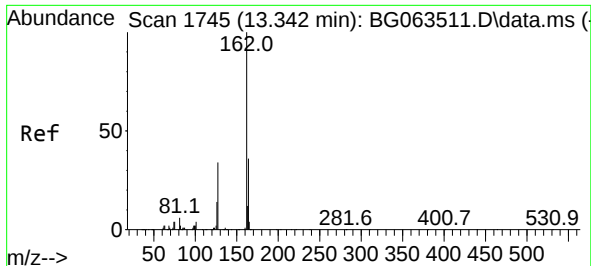
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#43
1,1'-Biphenyl
Concen: 4.554 ng/ul
RT: 13.300 min Scan# 1738
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

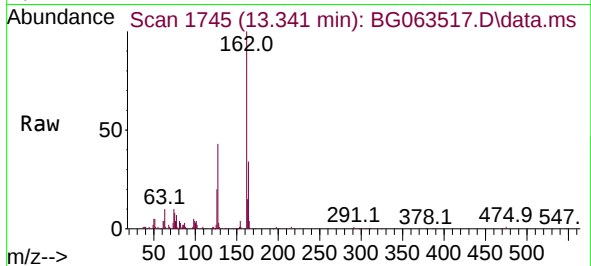
Tgt Ion:154 Resp: 96397
Ion Ratio Lower Upper
154 100
153 39.3 30.4 45.6
76 11.1 10.8 16.2





#44
2-Chloronaphthalene
Concen: 4.618 ng/ul
RT: 13.341 min Scan# 1745
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

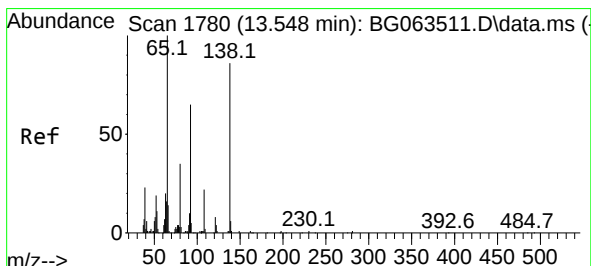
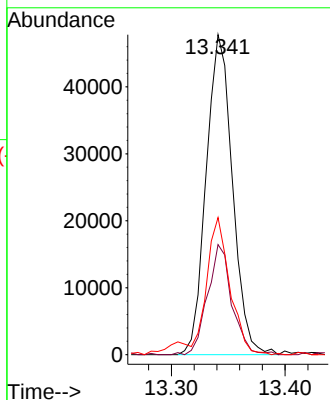
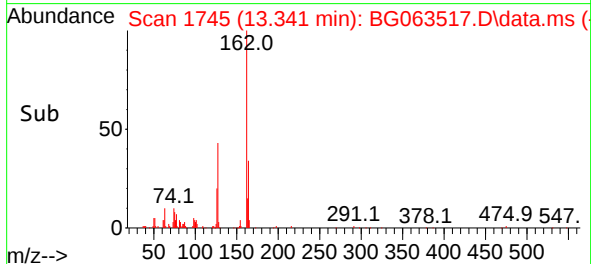
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



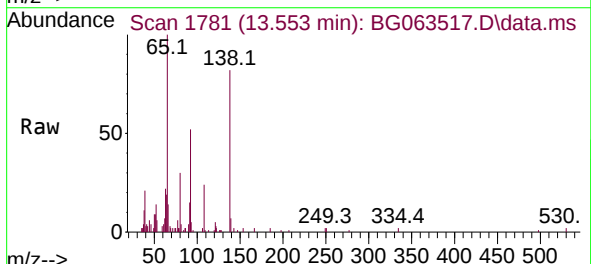
Tgt Ion:162 Resp: 7681
Ion Ratio Lower Upper
162 100
164 34.4 24.3 36.5
127 42.9 28.6 43.0

Manual Integrations
APPROVED

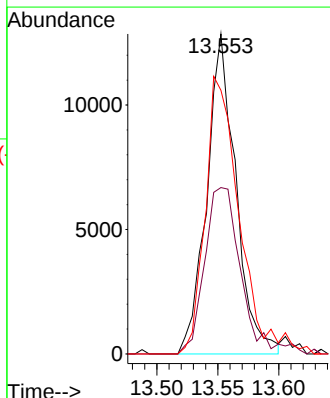
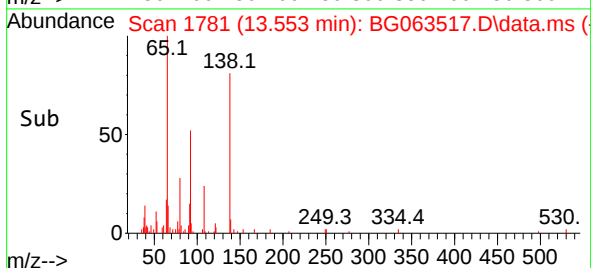
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

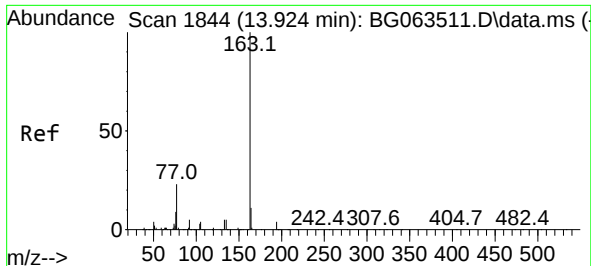


#45
2-Nitroaniline
Concen: 4.071 ng/ul
RT: 13.553 min Scan# 1781
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03



Tgt Ion: 65 Resp: 21341
Ion Ratio Lower Upper
65 100
92 52.0 53.0 79.6#
138 82.4 73.1 109.7





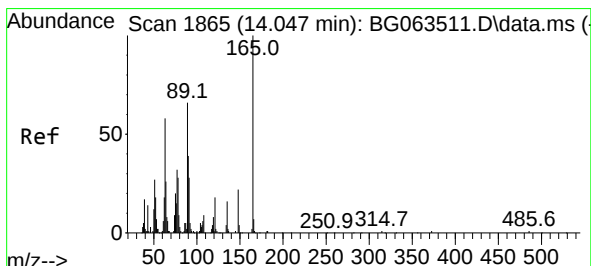
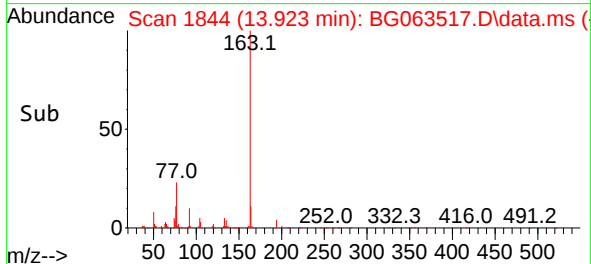
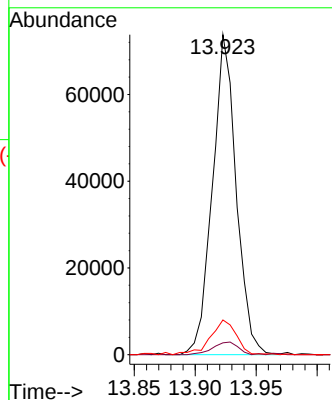
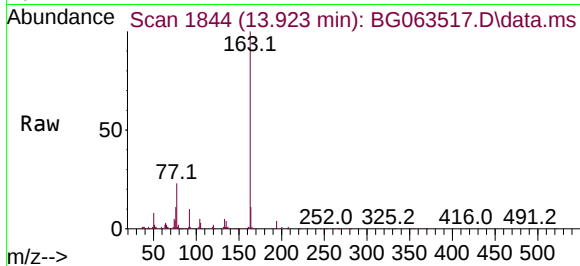
#47
Dimethylphthalate
Concen: 4.739 ng/ul
RT: 13.923 min Scan# 1844
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:163 Resp: 9996
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.8 8.7 13.1

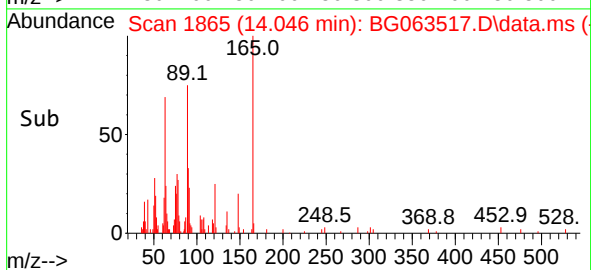
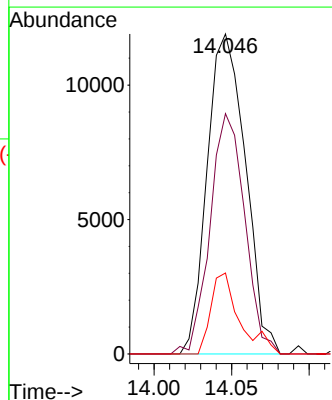
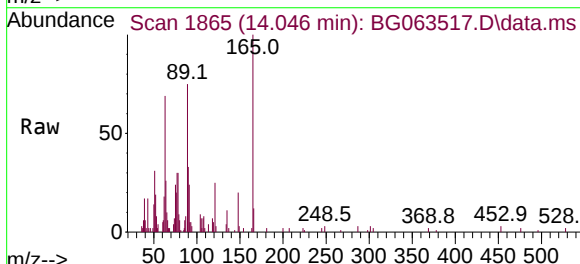
Manual Integrations
APPROVED

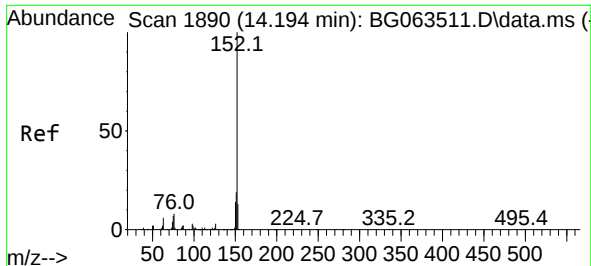
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#48
2,6-Dinitrotoluene
Concen: 4.774 ng/ul
RT: 14.046 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

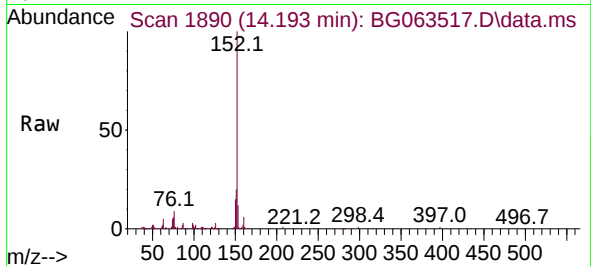
Tgt Ion:165 Resp: 20432
Ion Ratio Lower Upper
165 100
89 75.1 45.1 67.7#
121 25.3 15.8 23.6#





#50
Acenaphthylene
Concen: 4.763 ng/ul
RT: 14.193 min Scan# 1890
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

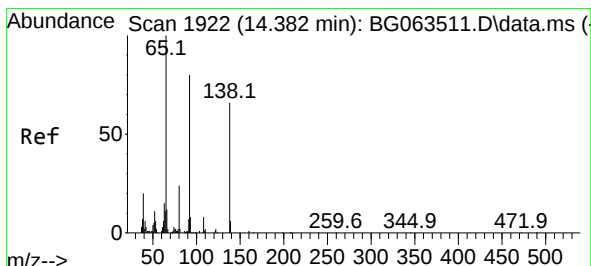
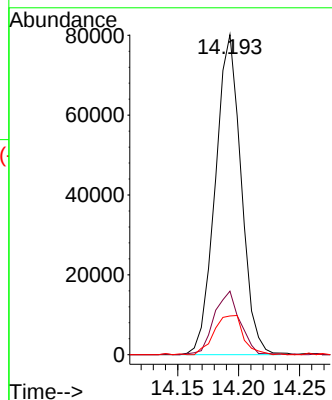
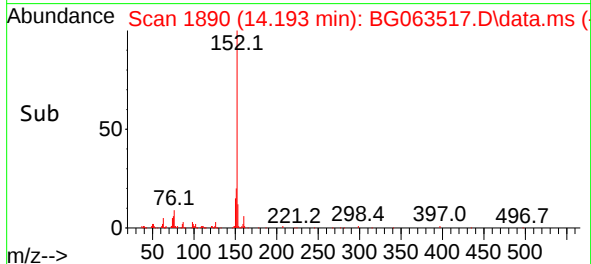
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion:152 Resp: 118228
Ion Ratio Lower Upper
152 100
151 19.9 14.5 21.7
153 12.1 10.6 16.0

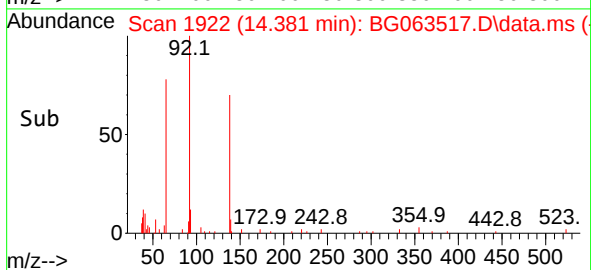
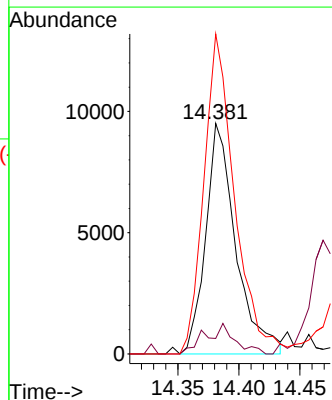
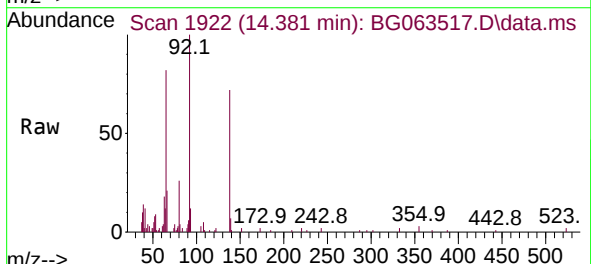
Manual Integrations
APPROVED

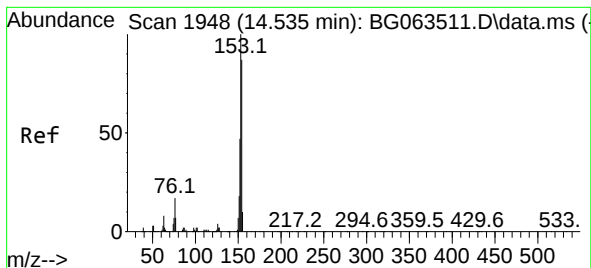
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#51
3-Nitroaniline
Concen: 4.172 ng/ul
RT: 14.381 min Scan# 1922
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion:138 Resp: 16351
Ion Ratio Lower Upper
138 100
108 6.7 7.9 11.9#
92 138.8 104.5 156.7





#52

Acenaphthene

Concen: 4.734 ng/ul

RT: 14.534 min Scan# 1948

Delta R.T. -0.003 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Instrument :

BNA_G

ClientSampleId :

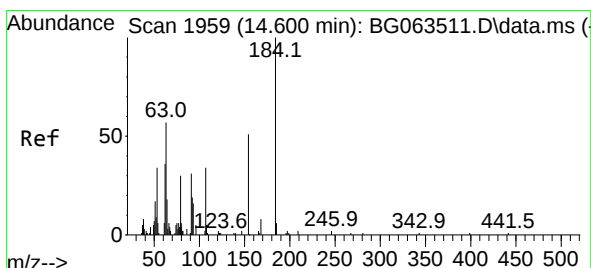
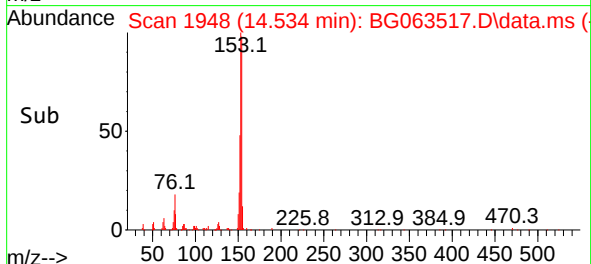
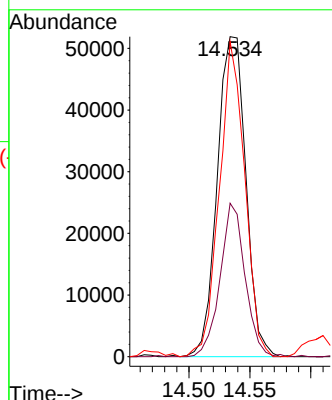
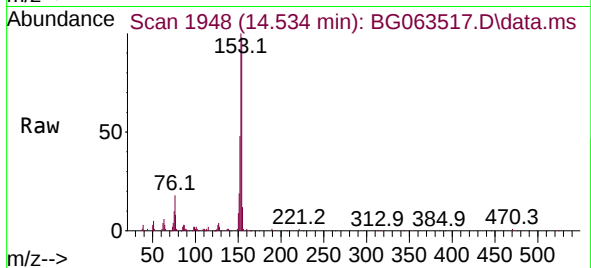
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:	153	Resp:	8486
Ion Ratio	Lower	Upper	
153	100		
152	48.0	35.4	53.0
154	98.5	69.5	104.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#53

2,4-Dinitrophenol

Concen: 4.358 ng/ul m

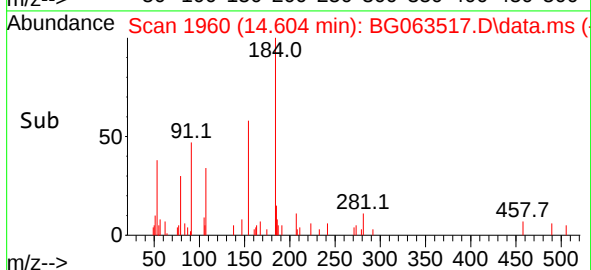
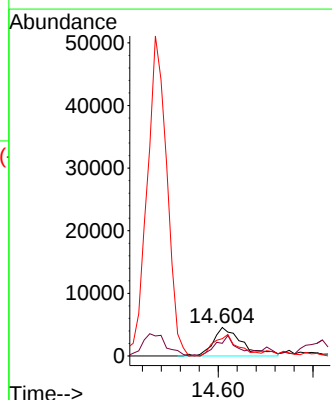
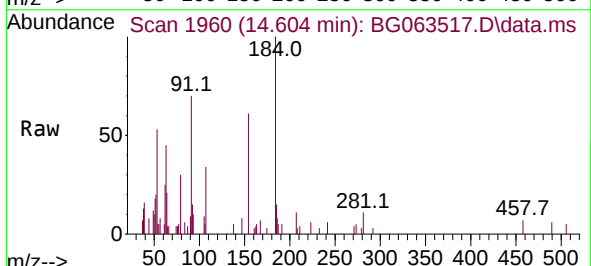
RT: 14.604 min Scan# 1960

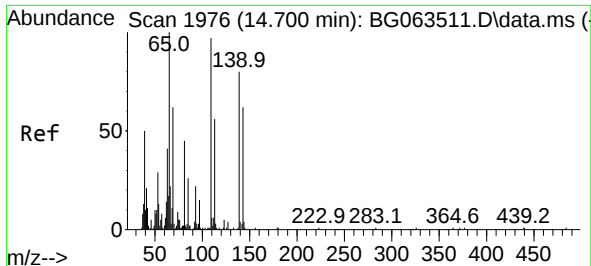
Delta R.T. 0.009 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

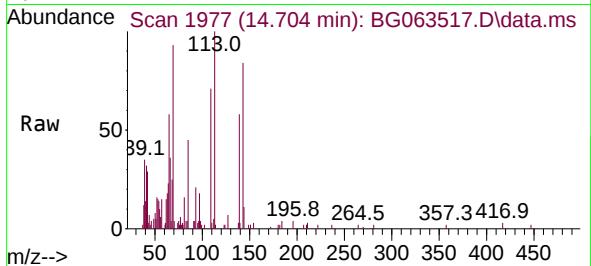
Tgt Ion:	184	Resp:	9575
Ion Ratio	Lower	Upper	
184	100		
63	44.7	54.6	82.0#
154	60.9	54.6	82.0





#55
4-Nitrophenol
Concen: 4.154 ng/ul m
RT: 14.704 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

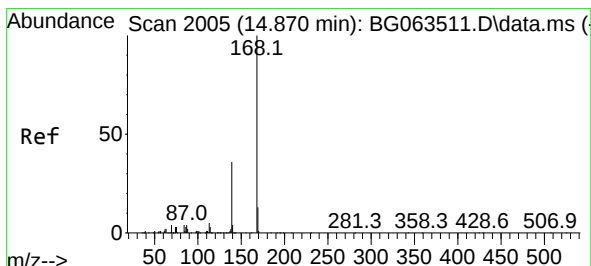
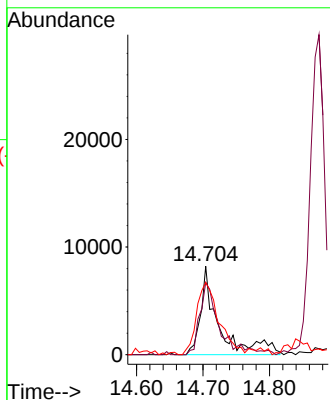
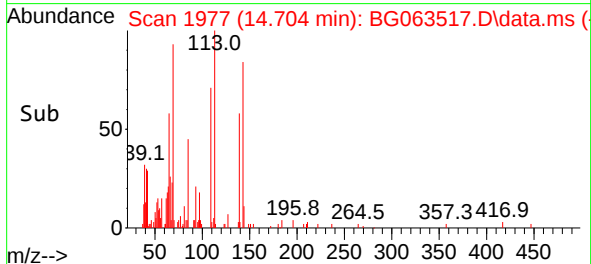
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:109 Resp: 1553
Ion Ratio Lower Upper
109 100
139 81.5 63.3 94.9
65 81.8 92.9 139.3

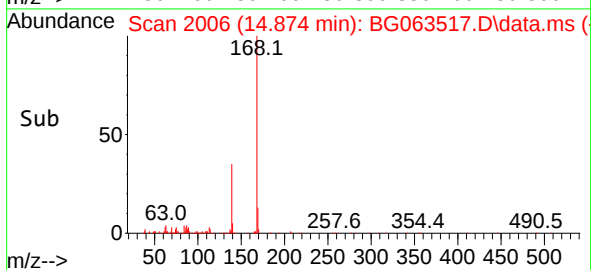
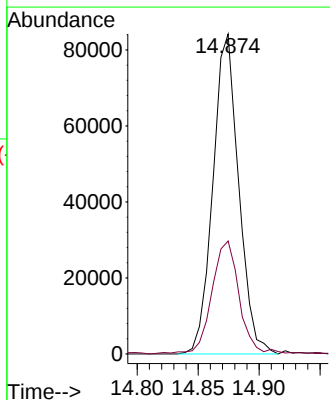
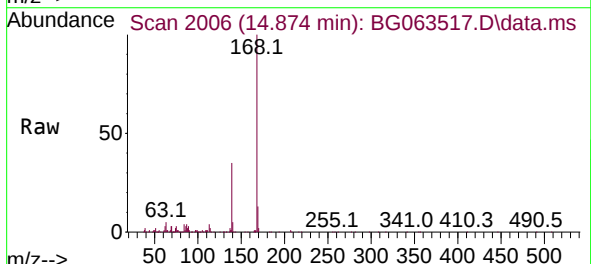
Manual Integrations
APPROVED

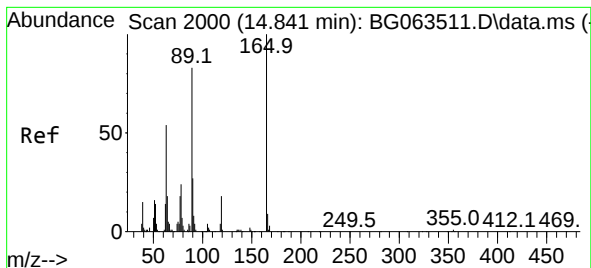
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#56
Dibenzofuran
Concen: 4.816 ng/ul
RT: 14.874 min Scan# 2006
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion:168 Resp: 123859
Ion Ratio Lower Upper
168 100
139 35.3 30.0 45.0





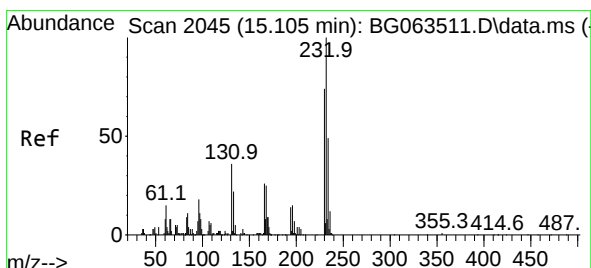
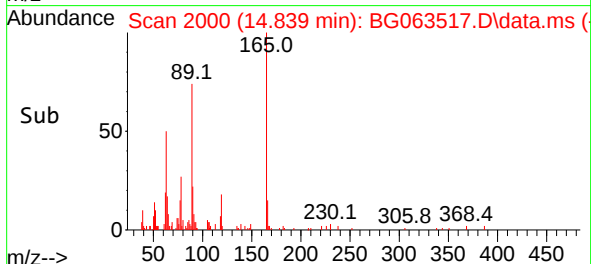
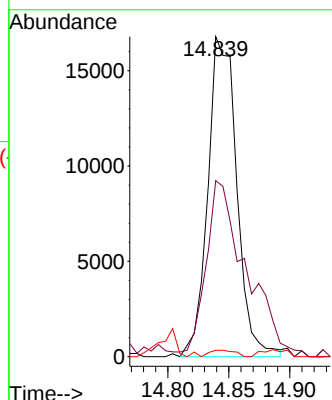
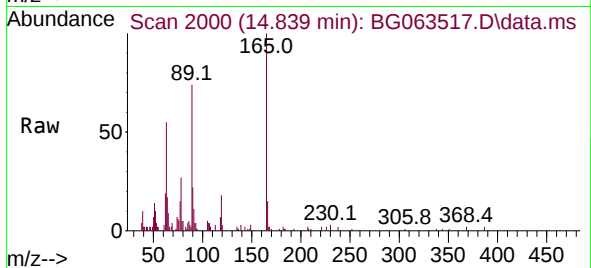
#57
2,4-Dinitrotoluene
Concen: 4.234 ng/ul
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:165 Resp: 27728
Ion Ratio Lower Upper
165 100
63 55.0 40.0 60.0
182 2.0 2.6 4.0

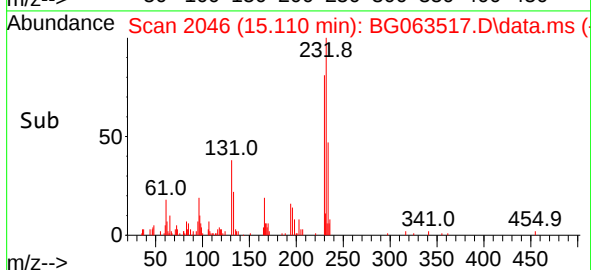
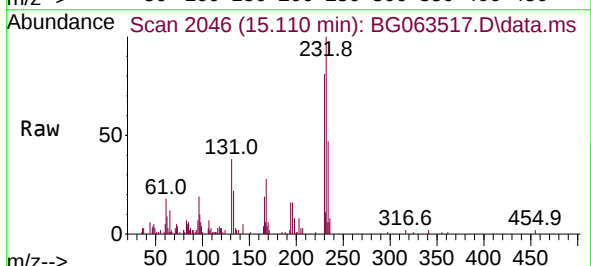
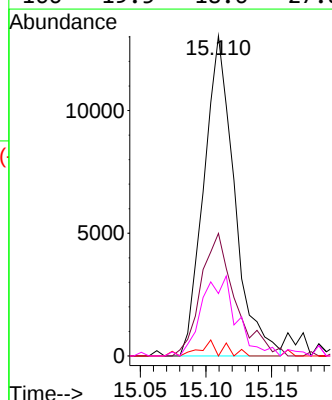
Manual Integrations
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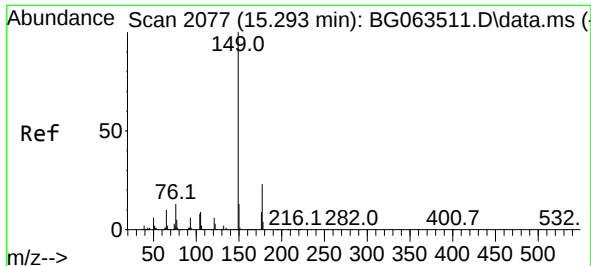
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.501 ng/ul
RT: 15.110 min Scan# 2046
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion:232 Resp: 21113
Ion Ratio Lower Upper
232 100
131 38.3 23.1 34.7#
130 0.0 1.8 2.8#
166 19.5 18.6 27.8





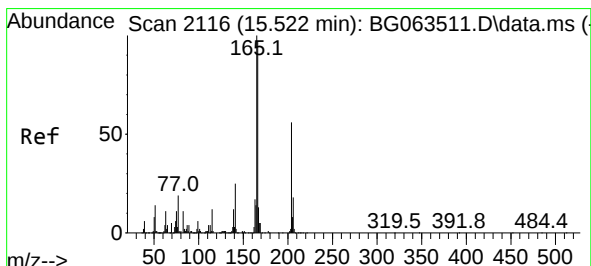
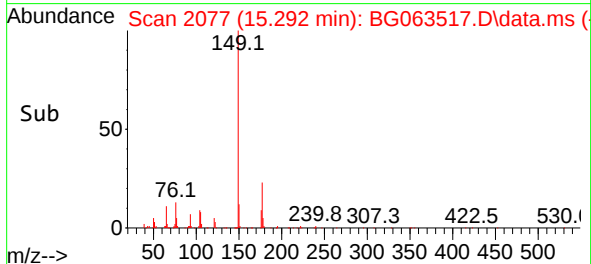
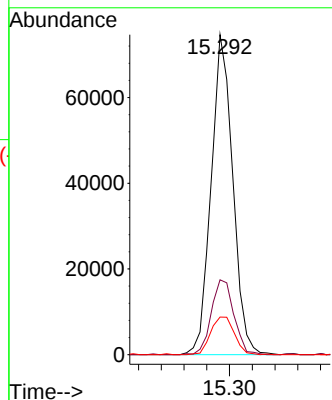
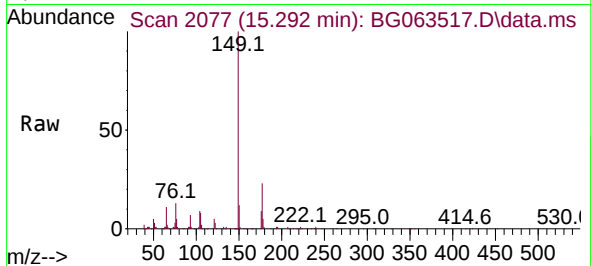
#59
Diethylphthalate
Concen: 4.636 ng/ul
RT: 15.292 min Scan# 2077
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:149 Resp: 98788
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 11.8 9.0 13.6

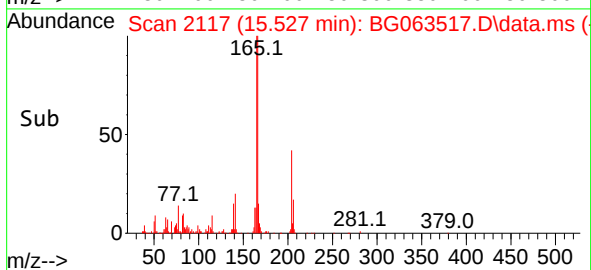
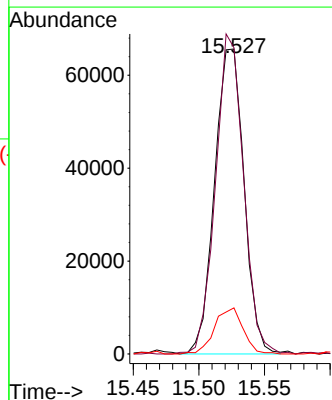
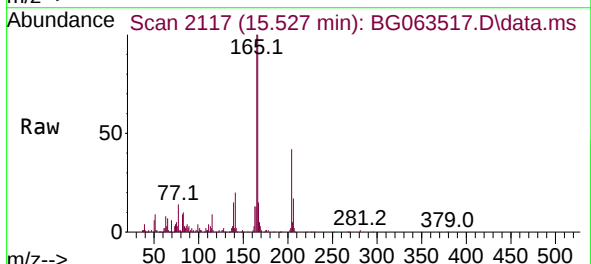
Manual Integrations
APPROVED

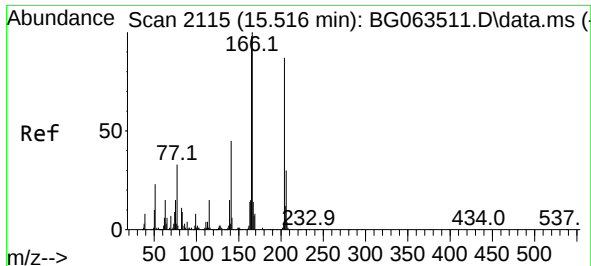
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#61
Fluorene
Concen: 4.677 ng/ul
RT: 15.527 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

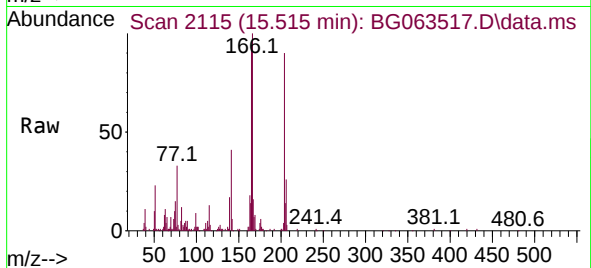
Tgt Ion:166 Resp: 102408
Ion Ratio Lower Upper
166 100
165 100.4 82.3 123.5
167 15.1 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 4.750 ng/ul
RT: 15.515 min Scan# 2115
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

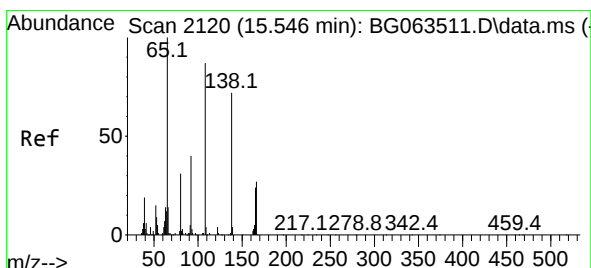
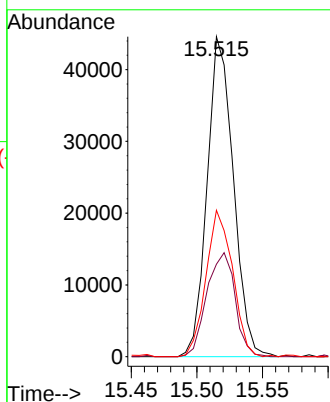
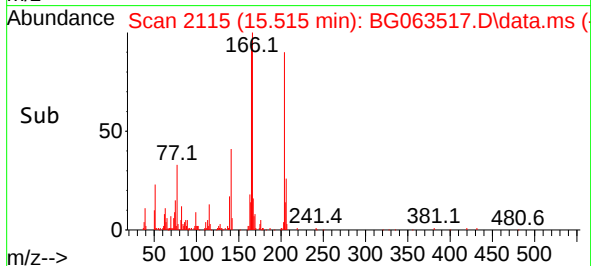
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



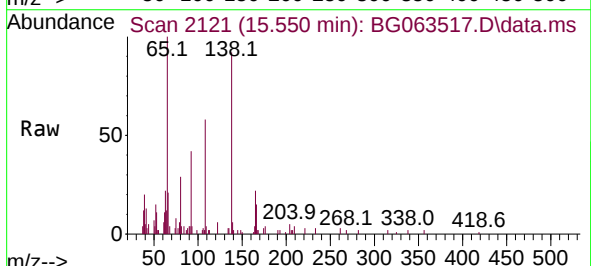
Tgt Ion:204 Resp: 62060
Ion Ratio Lower Upper
204 100
206 28.9 24.5 36.7
141 45.8 39.2 58.8

Manual Integrations
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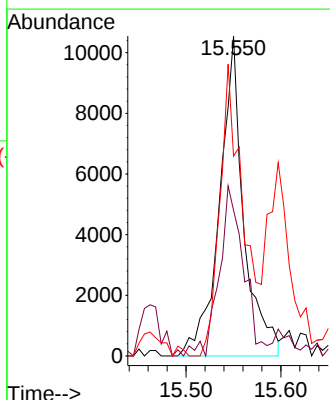
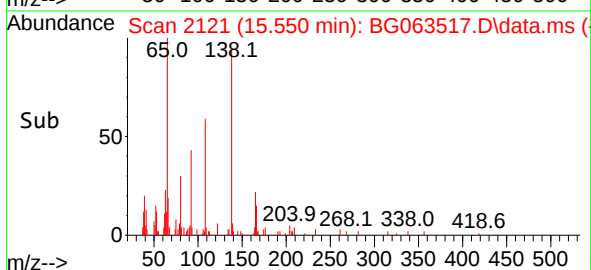
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

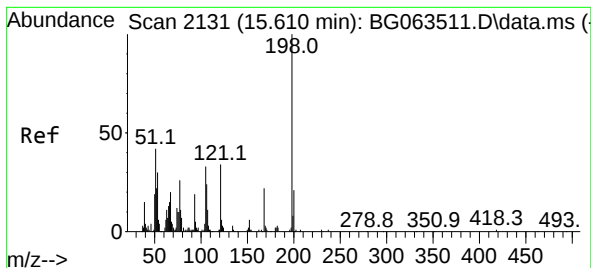


#63
4-Nitroaniline
Concen: 4.673 ng/ul
RT: 15.550 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03



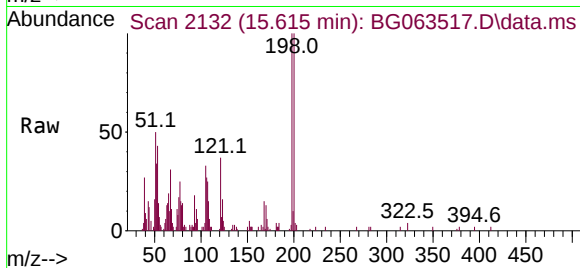
Tgt Ion:138 Resp: 18750
Ion Ratio Lower Upper
138 100
92 45.5 44.9 67.3
108 62.4 99.8 149.8#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.085 ng/ul
RT: 15.615 min Scan# 2131
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

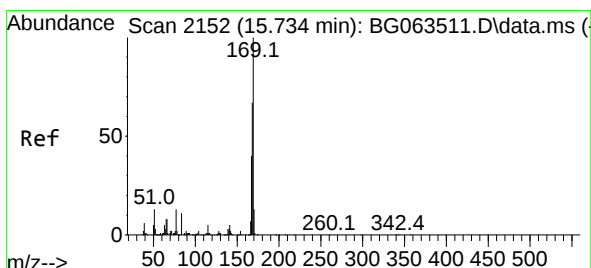
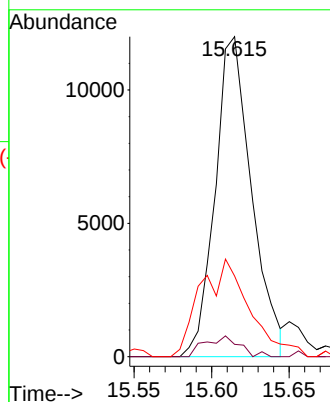
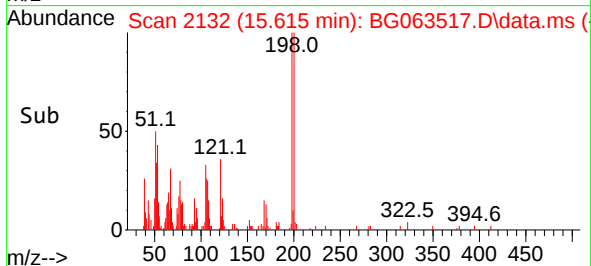
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion:198 Resp: 1964
Ion Ratio Lower Upper
198 100
182 3.9 1.7 2.5
77 25.2 18.7 28.1

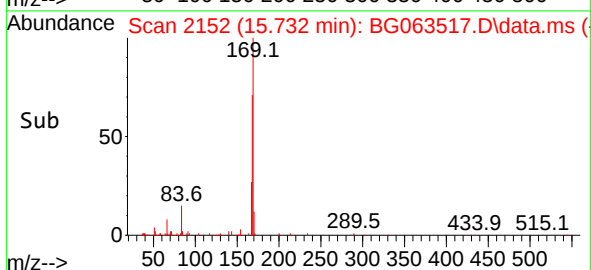
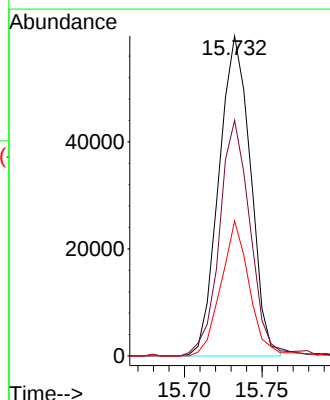
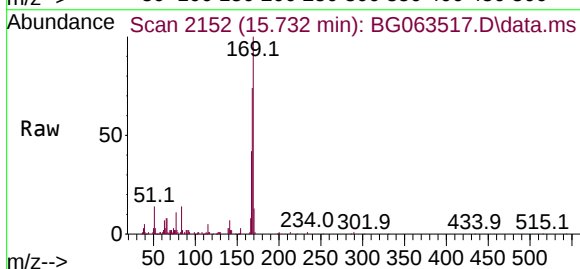
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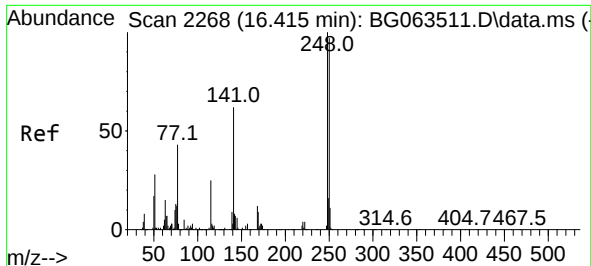
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#67
N-Nitrosodiphenylamine
Concen: 4.462 ng/ul
RT: 15.732 min Scan# 2152
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion:169 Resp: 84801
Ion Ratio Lower Upper
169 100
168 73.7 51.9 77.9
167 42.2 30.4 45.6





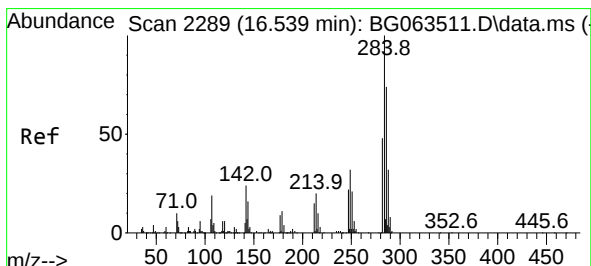
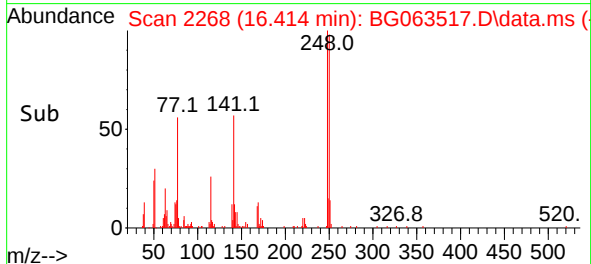
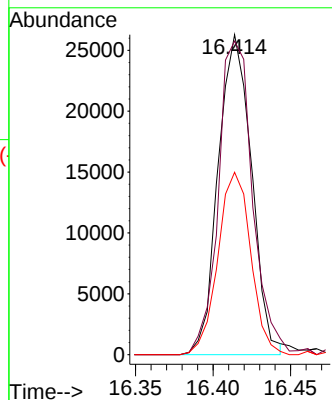
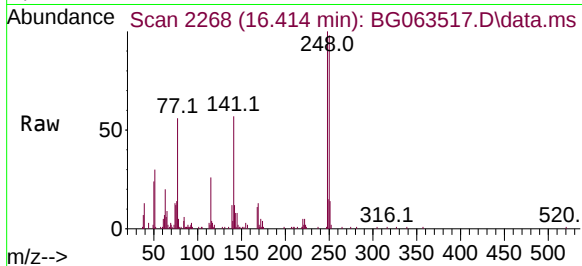
#68
4-Bromophenyl-phenylether
Concen: 4.371 ng/ul
RT: 16.414 min Scan# 2268
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:248 Resp: 39198
Ion Ratio Lower Upper
248 100
250 98.0 75.1 112.7
141 57.0 44.7 67.1

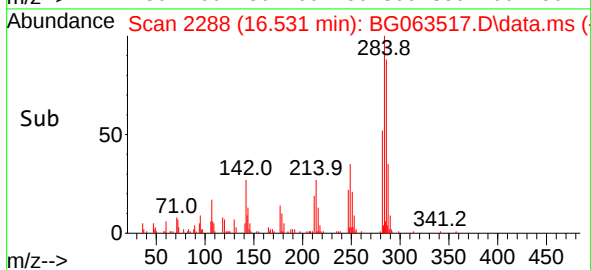
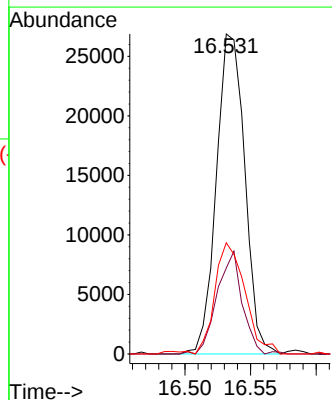
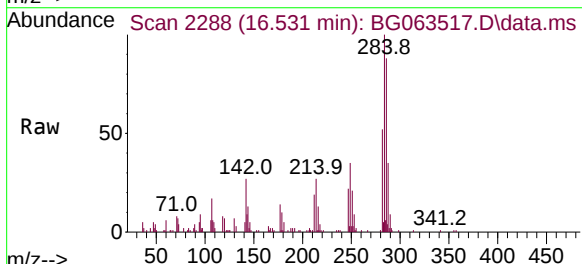
Manual Integrations
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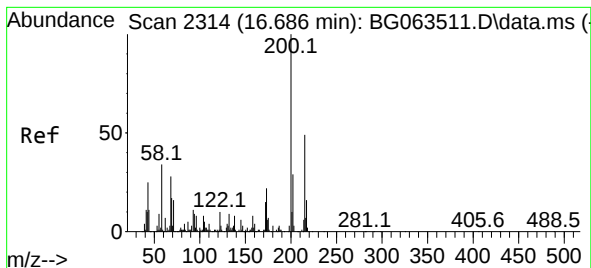
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#69
Hexachlorobenzene
Concen: 4.298 ng/ul
RT: 16.531 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion:284 Resp: 40412
Ion Ratio Lower Upper
284 100
142 26.8 21.8 32.8
249 34.8 32.6 48.8





#70

Atrazine

Concen: 4.638 ng/ul

RT: 16.684 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Instrument :

BNA_G

ClientSampleId :

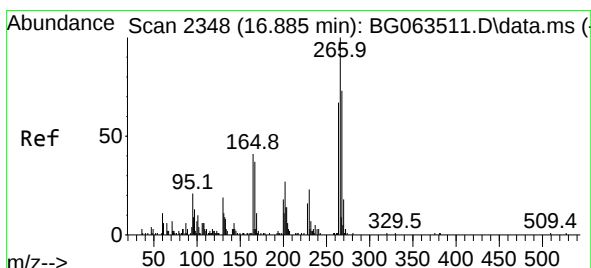
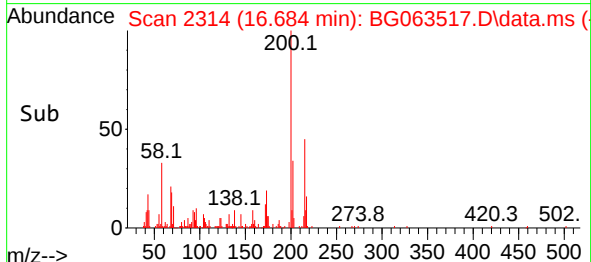
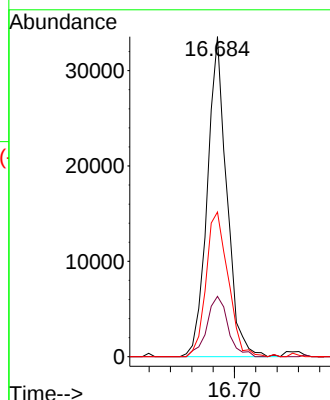
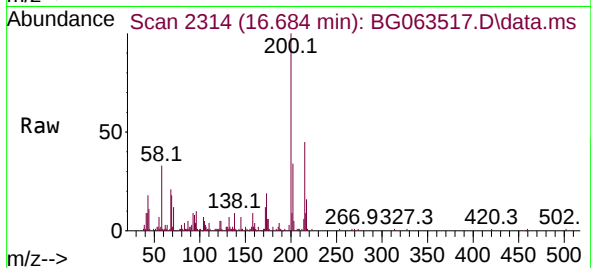
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:200 Resp: 4258
 Ion Ratio Lower Upper
 200 100
 173 18.8 17.2 25.8
 215 45.2 38.8 58.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#71

Pentachlorophenol

Concen: 4.460 ng/ul m

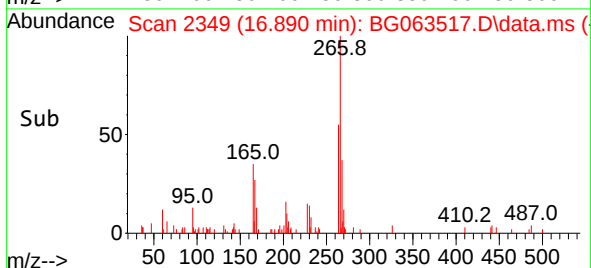
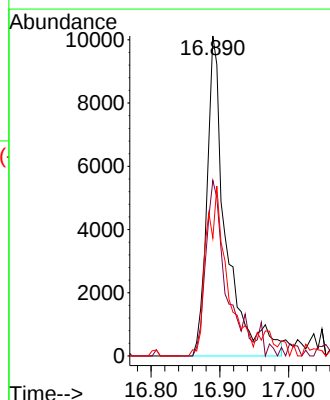
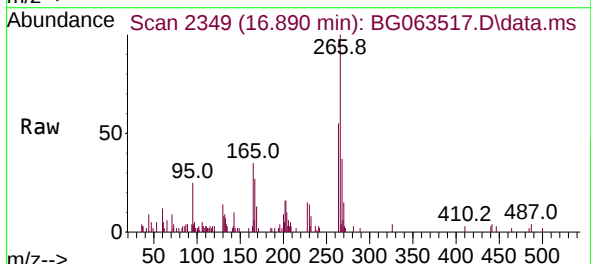
RT: 16.890 min Scan# 2349

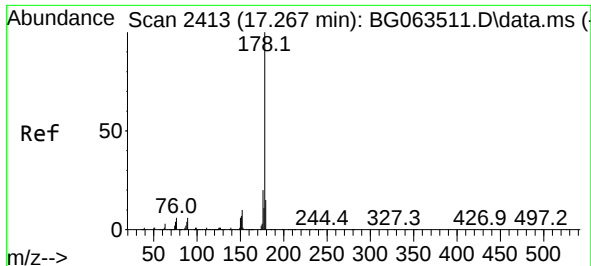
Delta R.T. 0.003 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

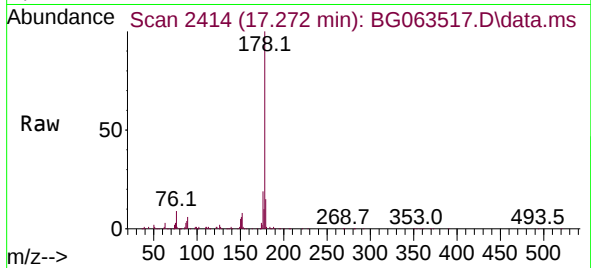
Tgt Ion:266 Resp: 19612
 Ion Ratio Lower Upper
 266 100
 264 54.8 43.6 65.4
 268 36.8 51.4 77.0#





#72
Phenanthrene
Concen: 4.560 ng/ul
RT: 17.272 min Scan# 2414
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

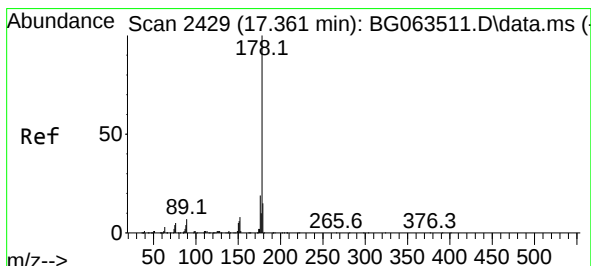
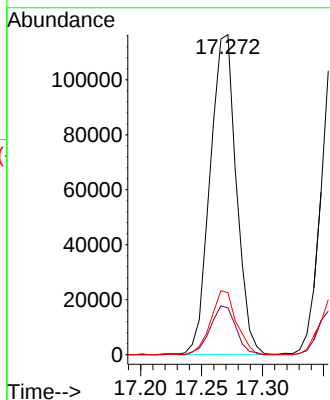
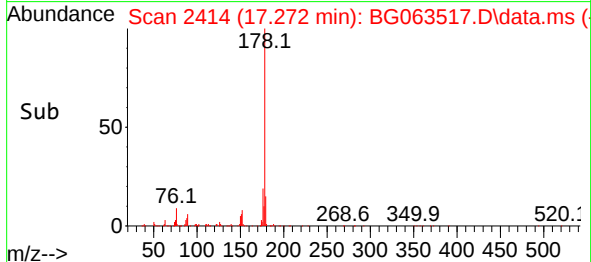
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:178 Resp: 173980
Ion Ratio Lower Upper
178 100
179 14.6 11.4 17.0
176 19.4 14.6 22.0

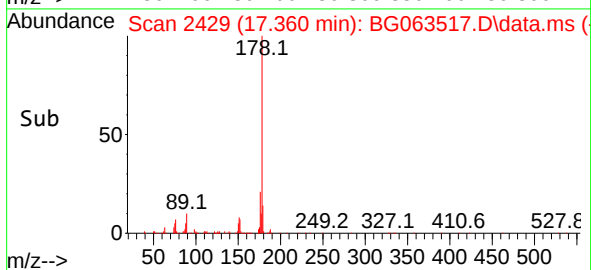
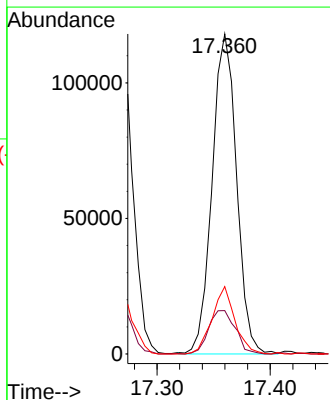
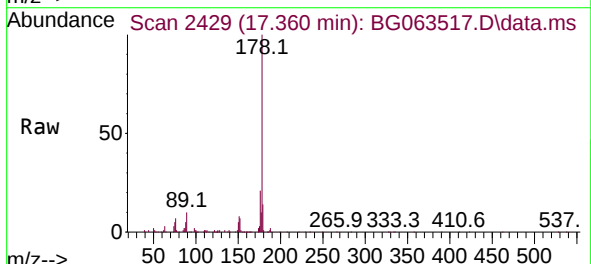
Manual Integrations
APPROVED

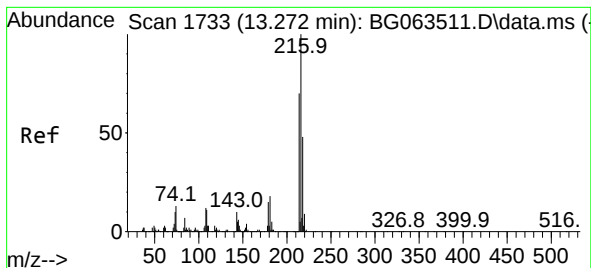
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#74
Anthracene
Concen: 4.546 ng/ul m
RT: 17.360 min Scan# 2429
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

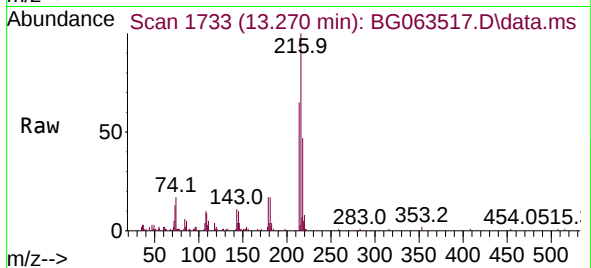
Tgt Ion:178 Resp: 177136
Ion Ratio Lower Upper
178 100
179 13.6 12.2 18.2
176 21.0 13.8 20.6#





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.217 ng/ul
RT: 13.270 min Scan# 1733
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

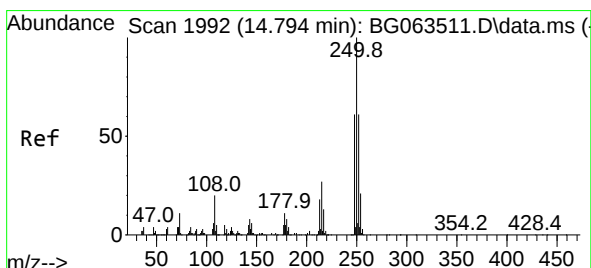
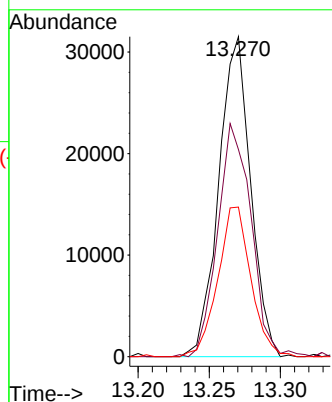
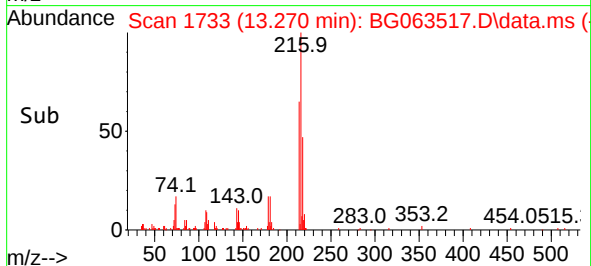
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:216 Resp: 4911
Ion Ratio Lower Upper
216 100
214 64.7 69.0 103.4
218 46.7 40.9 61.3

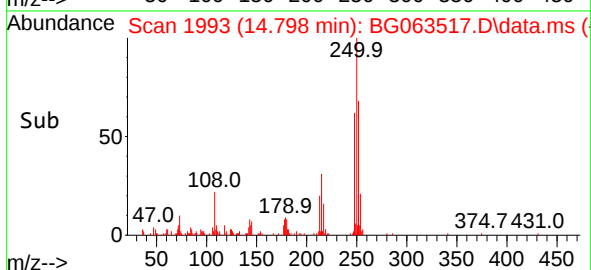
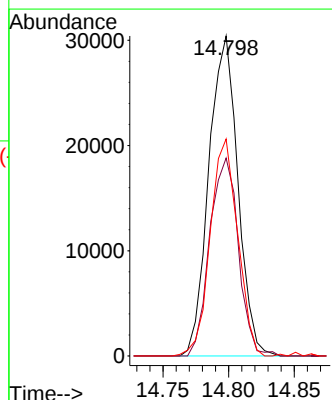
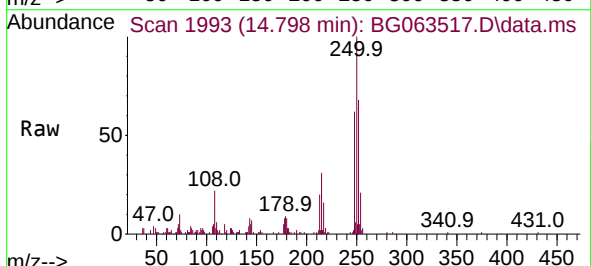
Manual Integrations
APPROVED

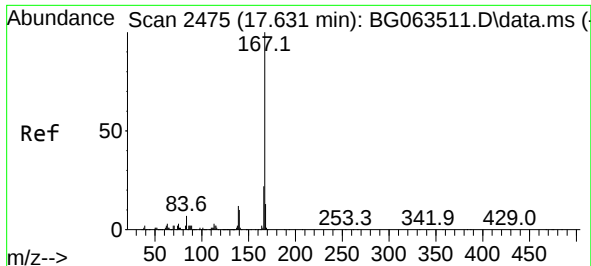
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Pentachlorobenzene
Concen: 4.067 ng/ul
RT: 14.798 min Scan# 1993
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

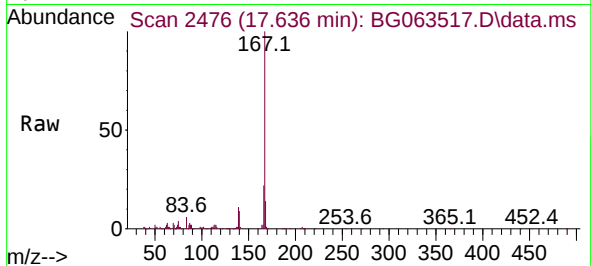
Tgt Ion:250 Resp: 46779
Ion Ratio Lower Upper
250 100
248 61.8 49.2 73.8
252 67.8 47.2 70.8





#77
 Carbazole
 Concen: 4.549 ng/ul
 RT: 17.636 min Scan# 2475
 Delta R.T. 0.009 min
 Lab File: BG063517.D
 Acq: 22 Nov 2024 13:03

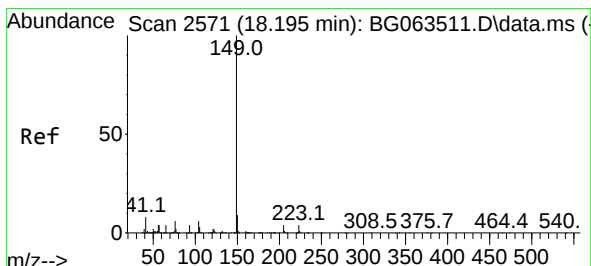
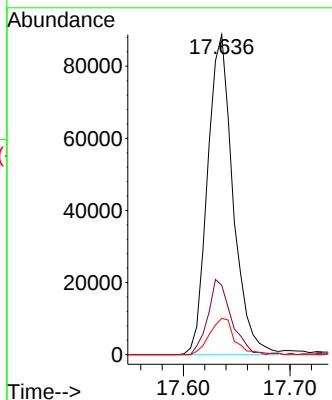
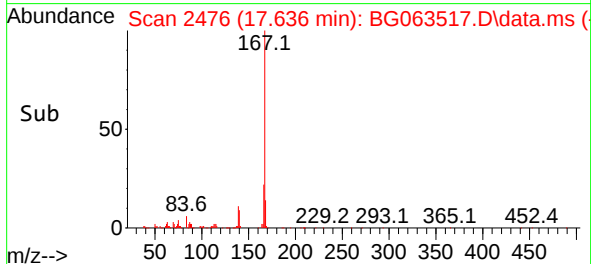
Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion:167 Resp: 147058
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 11.3 9.5 14.3

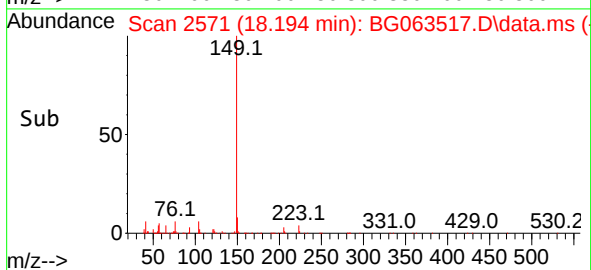
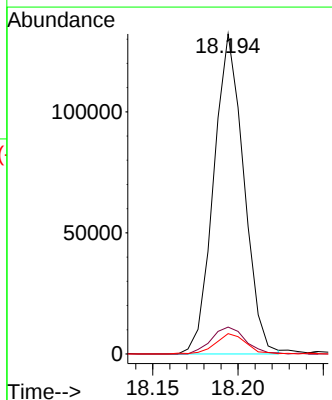
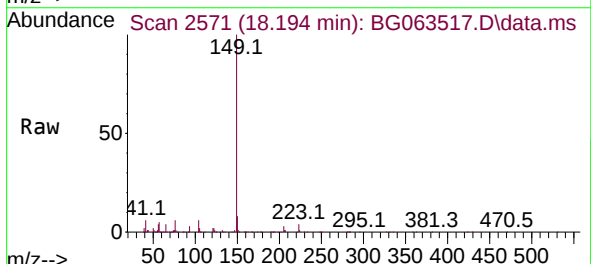
Manual Integrations
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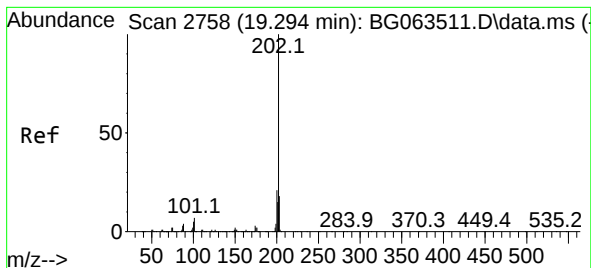
Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#78
 Di-n-butylphthalate
 Concen: 4.373 ng/ul
 RT: 18.194 min Scan# 2571
 Delta R.T. 0.003 min
 Lab File: BG063517.D
 Acq: 22 Nov 2024 13:03

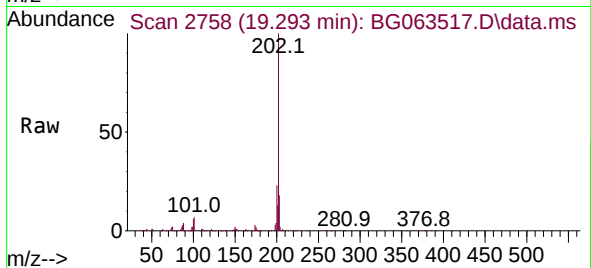
Tgt Ion:149 Resp: 162064
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.4 11.0
 104 6.4 4.7 7.1





#80
Fluoranthene
Concen: 4.541 ng/u1
RT: 19.293 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

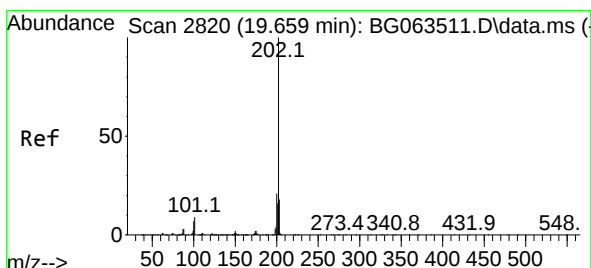
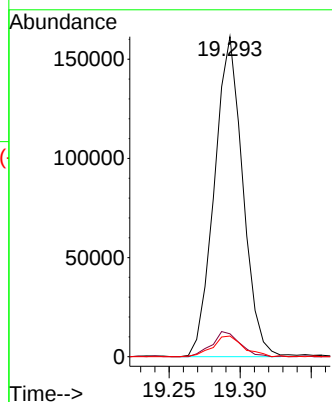
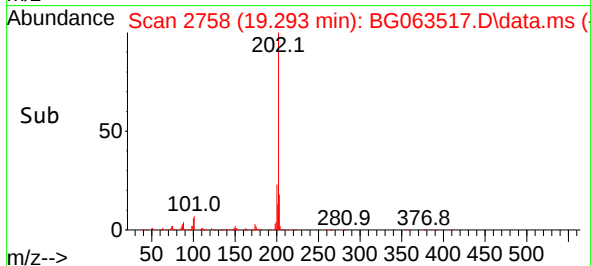
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:202 Resp: 22420
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 6.4 4.3 6.5

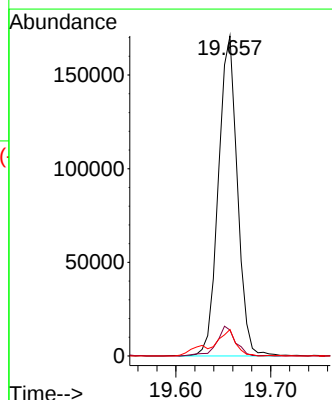
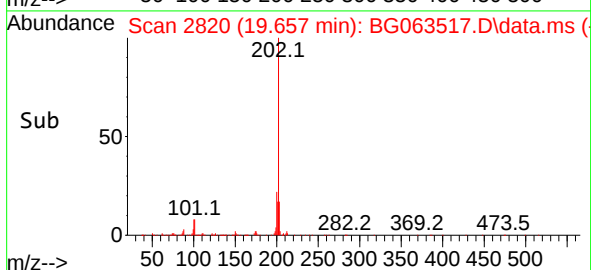
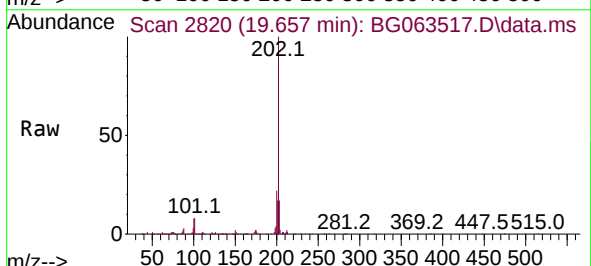
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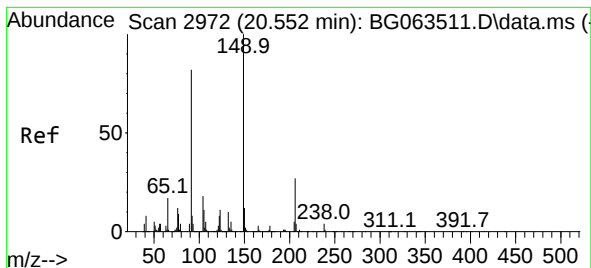
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#82
Pyrene
Concen: 4.500 ng/u1
RT: 19.657 min Scan# 2820
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion:202 Resp: 238039
Ion Ratio Lower Upper
202 100
101 8.1 6.2 9.2
100 8.2 6.2 9.2





#83

Butylbenzylphthalate

Concen: 4.342 ng/ul

RT: 20.550 min Scan# 2972

Delta R.T. 0.003 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Instrument :

BNA_G

ClientSampleId :

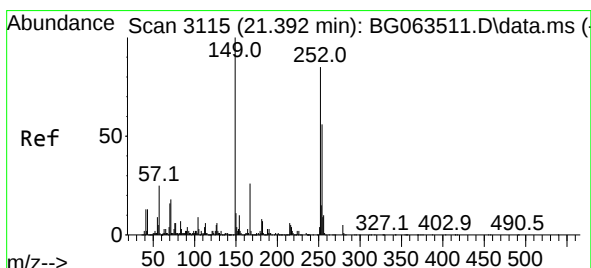
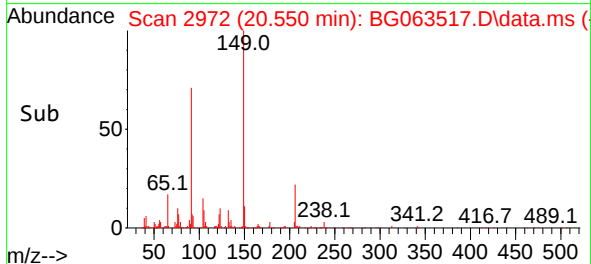
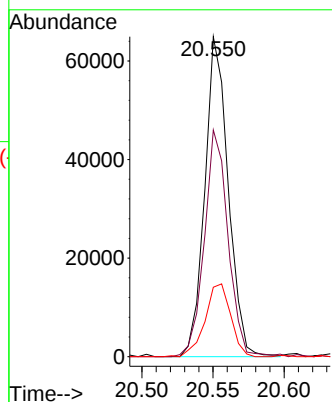
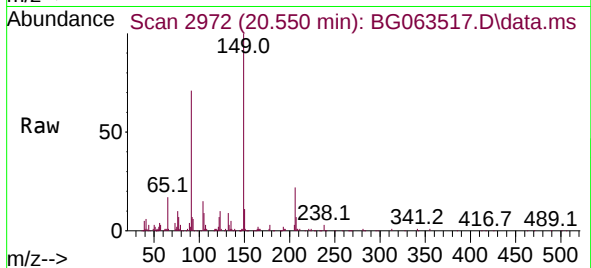
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:	149	Resp:	74539
Ion Ratio	Lower	Upper	
149	100		
91	70.8	63.0	94.4
206	21.7	19.4	29.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.592 ng/ul

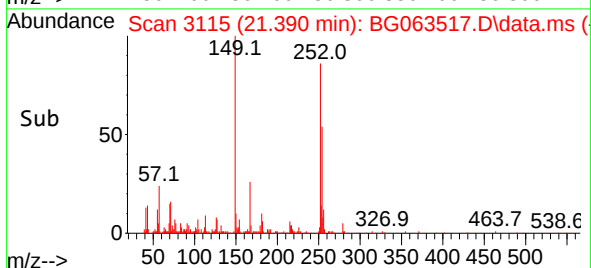
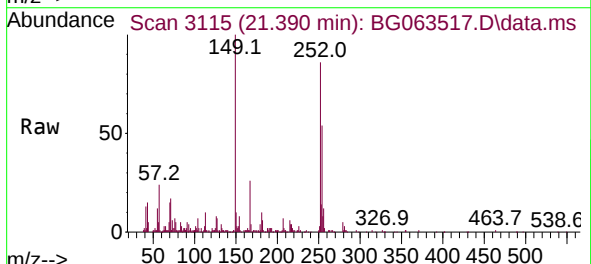
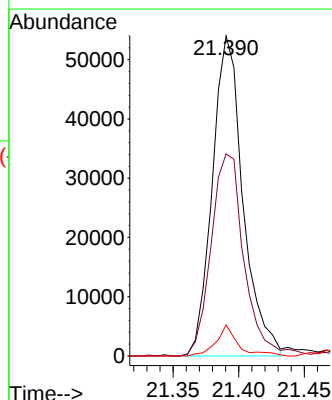
RT: 21.390 min Scan# 3115

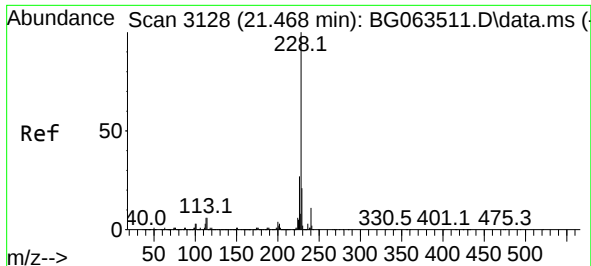
Delta R.T. 0.003 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Tgt Ion:	252	Resp:	87857
Ion Ratio	Lower	Upper	
252	100		
254	63.2	51.8	77.8
126	9.7	5.5	8.3





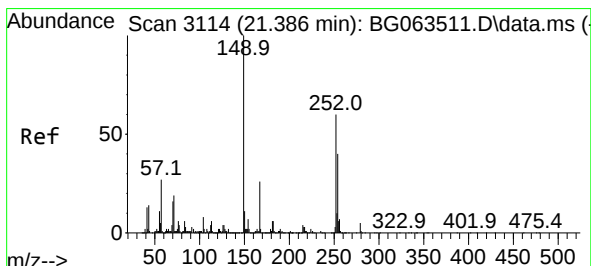
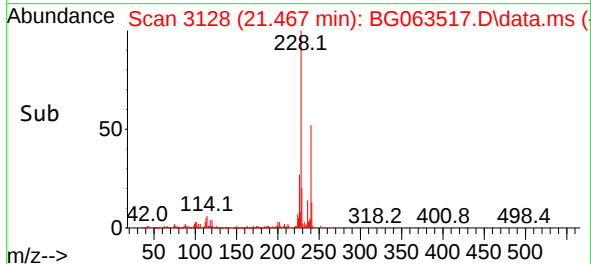
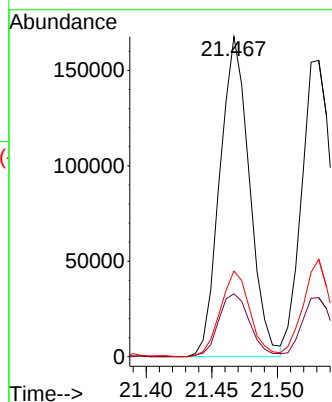
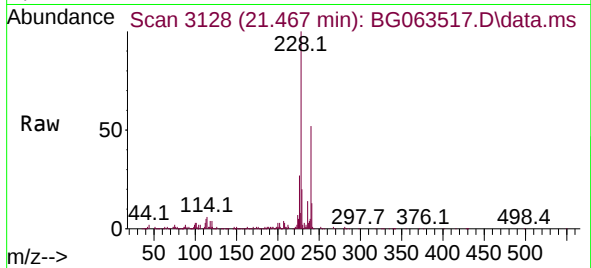
#85
Benzo(a)anthracene
Concen: 4.580 ng/ul
RT: 21.467 min Scan# 3128
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:228 Resp: 26376
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 26.7 21.8 32.6

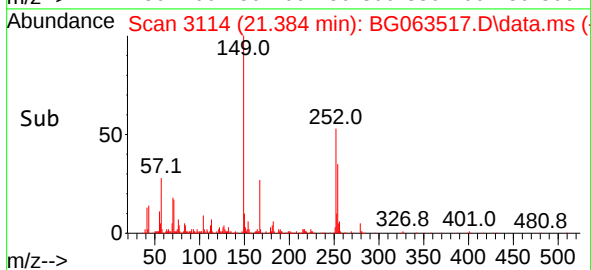
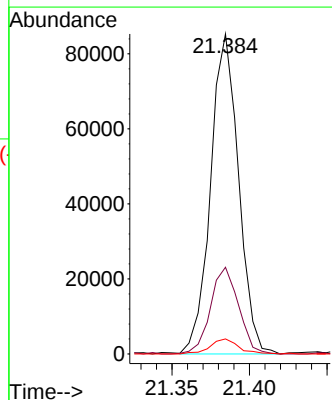
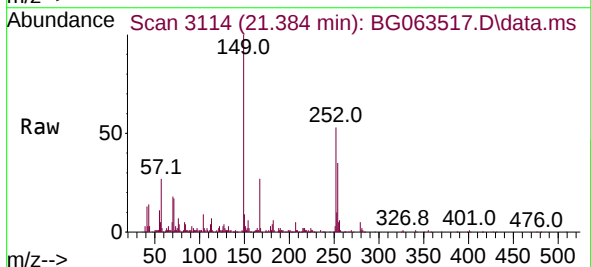
Manual Integrations
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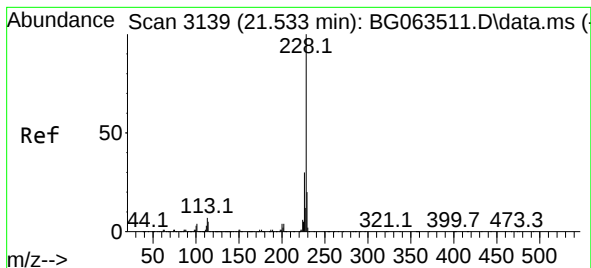
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.289 ng/ul
RT: 21.384 min Scan# 3114
Delta R.T. 0.003 min
Lab File: BG063517.D
Acq: 22 Nov 2024 13:03

Tgt Ion:149 Resp: 107031
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.8
279 4.7 3.8 5.8





#87

Chrysene

Concen: 4.658 ng/ul

RT: 21.531 min Scan# 3139

Delta R.T. 0.003 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Instrument :

BNA_G

ClientSampleId :

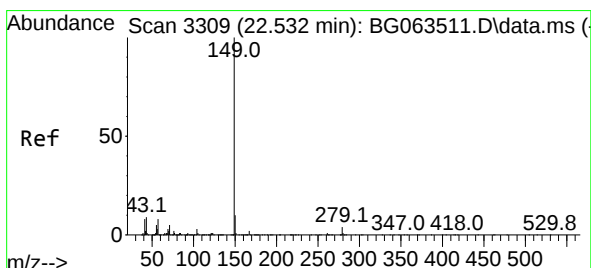
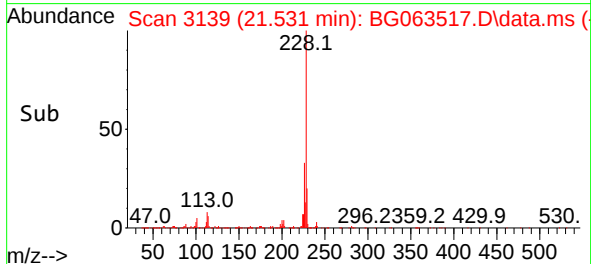
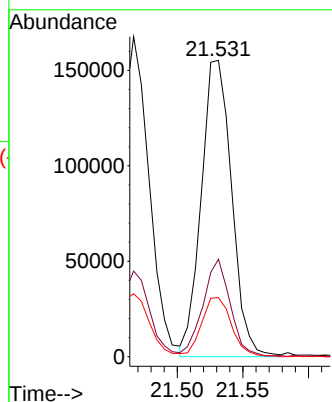
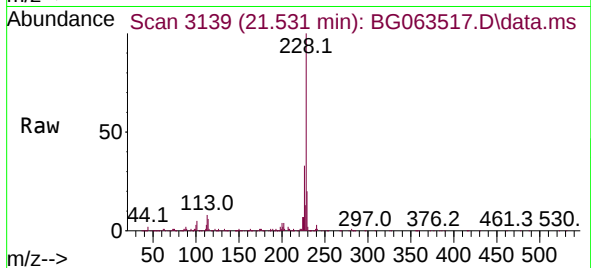
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:	228	Resp:	25086
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.4	35.2
229	19.9	14.8	22.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#89

Di-n-octyl phthalate

Concen: 4.552 ng/ul

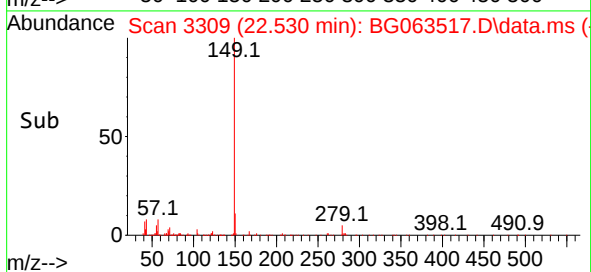
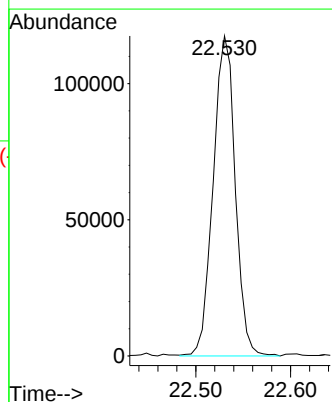
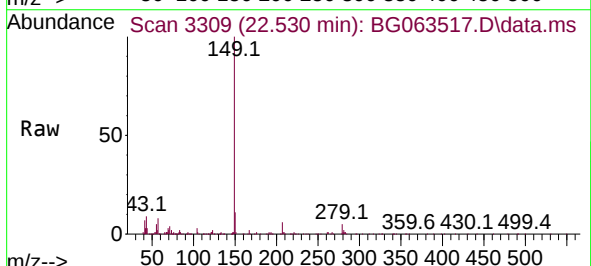
RT: 22.530 min Scan# 3309

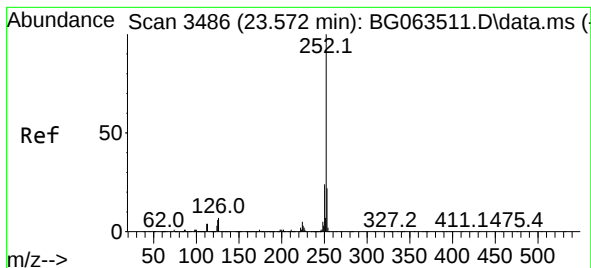
Delta R.T. 0.003 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Tgt Ion:149 Resp: 190302





#90

Benzo(b)fluoranthene

Concen: 4.519 ng/ul

RT: 23.564 min Scan# 3486

Delta R.T. 0.003 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Instrument :

BNA_G

ClientSampleId :

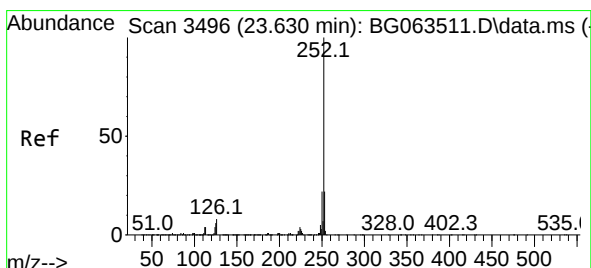
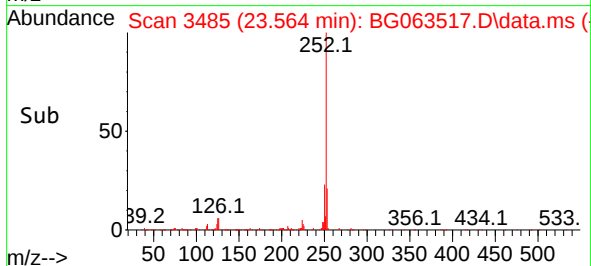
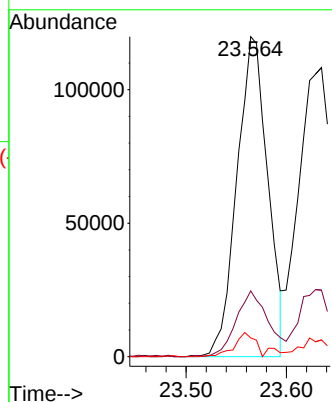
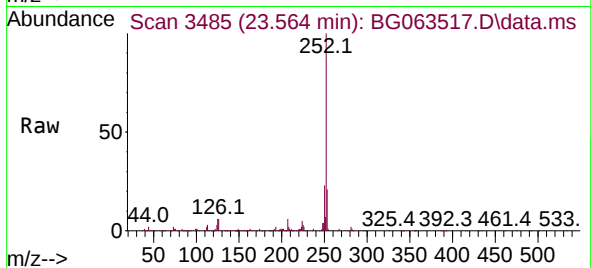
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:252 Resp: 255654
Ion Ratio Lower Upper
252 100
253 20.6 17.8 26.6
125 5.8 3.8 5.6

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#91

Benzo(k)fluoranthene

Concen: 4.694 ng/ul

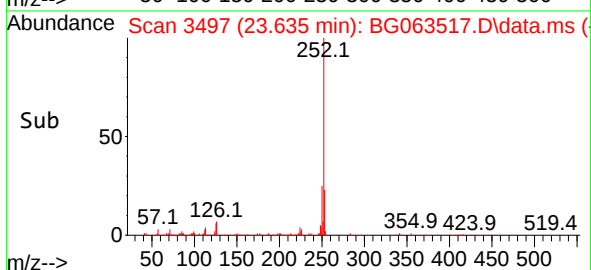
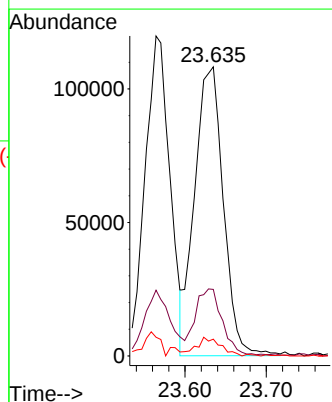
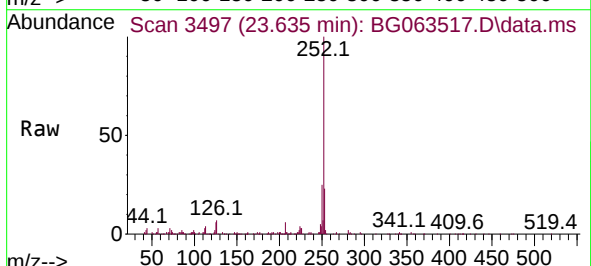
RT: 23.635 min Scan# 3497

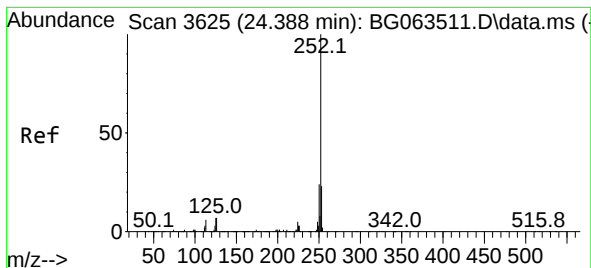
Delta R.T. 0.009 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Tgt Ion:252 Resp: 266481
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 5.8 4.3 6.5





#93

Benzo(a)pyrene

Concen: 4.478 ng/ul

RT: 24.381 min Scan# 30

Delta R.T. 0.003 min

Lab File: BG063517.D

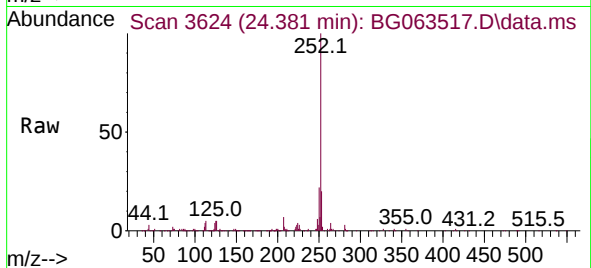
Acq: 22 Nov 2024 13:03

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

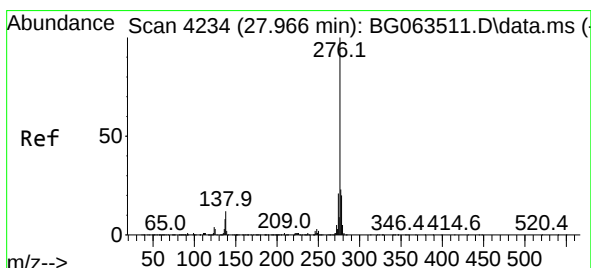
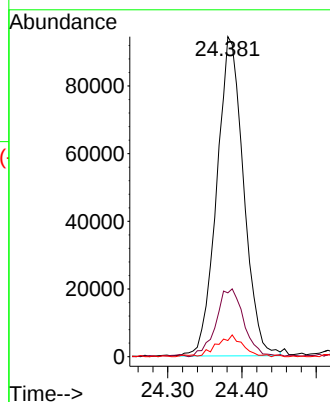
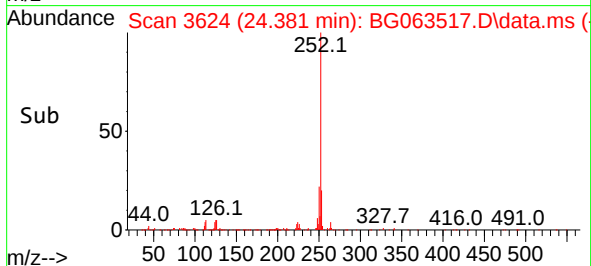


Tgt Ion:	252	Resp:	237110
Ion Ratio	Lower	Upper	
252	100		
253	20.0	17.2	25.8
125	5.1	4.2	6.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.381 ng/ul

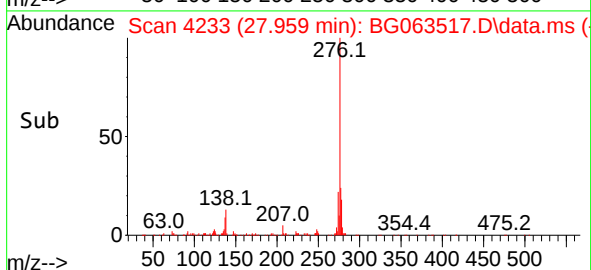
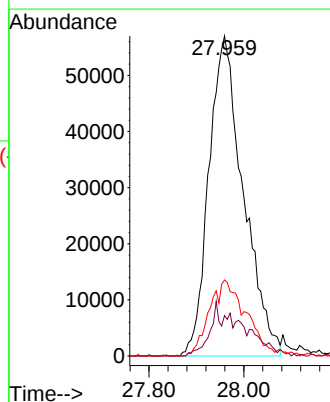
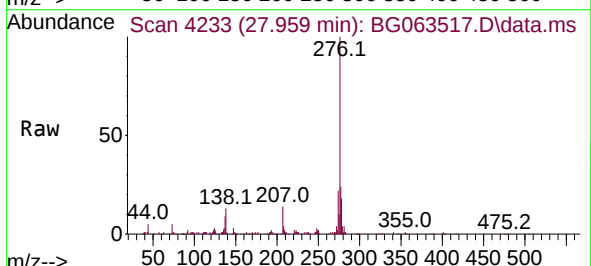
RT: 27.959 min Scan# 4233

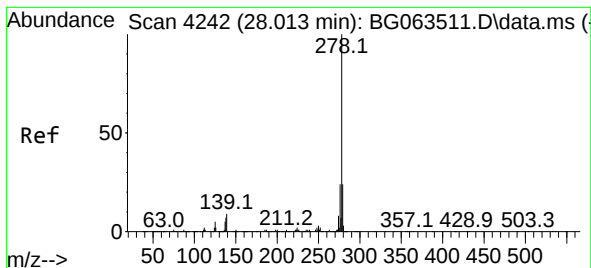
Delta R.T. 0.009 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Tgt Ion:	276	Resp:	287746
Ion Ratio	Lower	Upper	
276	100		
138	12.6	9.4	14.2
277	23.7	19.4	29.0





#95

Dibenzo(a,h)anthracene

Concen: 4.557 ng/ul m

RT: 28.006 min Scan# 4242

Delta R.T. 0.003 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Instrument :

BNA_G

ClientSampleId :

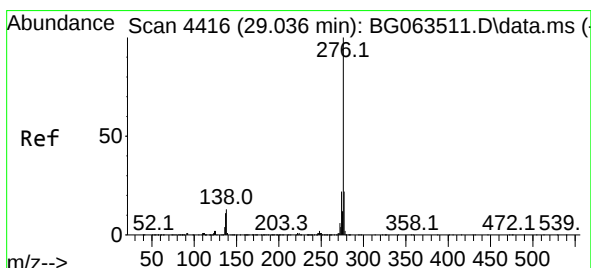
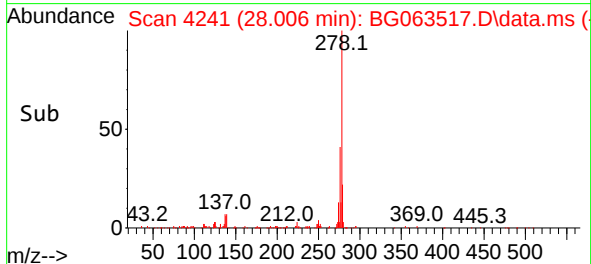
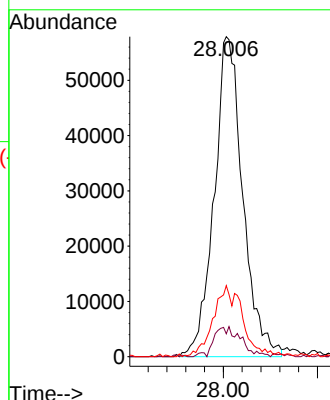
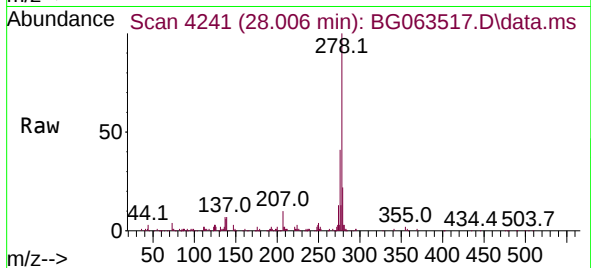
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:278 Resp: 24466
 Ion Ratio Lower Upper
 278 100
 139 7.2 6.3 9.5
 279 22.2 17.5 26.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#96

Benzo(g,h,i)perylene

Concen: 4.382 ng/ul

RT: 29.034 min Scan# 4416

Delta R.T. 0.020 min

Lab File: BG063517.D

Acq: 22 Nov 2024 13:03

Tgt Ion:276 Resp: 218217
 Ion Ratio Lower Upper
 276 100
 138 11.5 9.4 14.2
 277 20.5 18.2 27.4

