

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112124\
 Data File : BG063507.D
 Acq On : 21 Nov 2024 15:59
 Operator : RC/JU
 Sample : P4776-05
 Misc : MDL-ME-SOIL-QT4-2024
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-07

Quant Time: Nov 21 16:44:54 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 :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	97186	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	393677	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.471	164	303956	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.226	188	758702	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	864905	20.000	ng/u1	0.00
88) Perylene-d12	24.535	264	923978	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	7548	3.065	ng/uL	0.00
4) Pyridine-d5	3.701	84	81395	10.546	ng/u1	0.00
7) Phenol-d5	7.003	99	103593	12.960	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.156	67	66259	12.925	ng/u1	0.00
11) 2-Chlorophenol-d4	7.361	132	74047	13.072	ng/u1	0.00
15) 4-Methylphenol-d8	8.542	113	84172	12.602	ng/u1	0.00
21) Nitrobenzene-d5	8.983	128	36445	12.891	ng/u1	0.00
24) 2-Nitrophenol-d4	9.706	143	41562	11.900	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	83292	12.495	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	111618	13.238	ng/u1	0.00
46) Dimethylphthalate-d6	13.877	166	287226	13.920	ng/u1	0.00
49) Acenaphthylene-d8	14.165	160	326412	13.872	ng/u1	0.00
54) 4-Nitrophenol-d4	14.694	143	33389	10.890	ng/u1	0.00
60) Fluorene-d10	15.470	176	266183	14.197	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.599	200	47583	11.155	ng/u1	0.00
73) Anthracene-d10	17.326	188	459528	13.941	ng/u1	0.00
81) Pyrene-d10	19.629	212	595103	13.726	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.318	264	608197	13.571	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	3145	1.082	ng/uL#	88
5) Pyridine	3.719	79	29011	3.694	ng/u1#	67
6) Benzaldehyde	6.968	77	22145	4.840	ng/u1	99
8) Phenol	7.032	94	37318	4.282	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.250	93	28233	4.488	ng/u1#	84
12) 2-Chlorophenol	7.397	128	25564	4.228	ng/u1#	85
13) 2-Methylphenol	8.278	108	25383	3.914	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.348	45	37669	4.087	ng/u1	97
16) Acetophenone	8.648	105	41676	3.950	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.631	70	24111	4.089	ng/u1	97
18) 4-Methylphenol	8.607	108	29362	4.128	ng/u1	93
19) Hexachloroethane	8.901	117	11651	4.462	ng/u1#	76
22) Nitrobenzene	9.030	77	39295	4.531	ng/u1#	87
23) Isophorone	9.541	82	67117	4.238	ng/u1	99
25) 2-Nitrophenol	9.735	139	14883	4.295	ng/u1	97
26) 2,4-Dimethylphenol	9.806	107	31039	4.156	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.035	93	38493	4.391	ng/u1	96
29) 2,4-Dichlorophenol	10.276	162	27476	4.219	ng/u1	88
30) Naphthalene	10.669	128	93293	4.636	ng/u1#	95
32) 4-Chloroaniline	10.787	127	33399	4.145	ng/u1#	88
33) Hexachlorobutadiene	10.963	225	24746	4.260	ng/u1#	81
34) Caprolactam	11.539	113	10587m	4.823	ng/u1	
35) 4-Chloro-3-methylphenol	11.921	107	27130	4.093	ng/u1#	91
36) 2-Methylnaphthalene	12.291	142	65809	4.607	ng/u1	82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.508	142	64916	4.328	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.661	216	46603	4.363	ng/ul#	90
40) Hexachlorocyclopentadiene	12.638	237	22814	5.008	ng/ul	93
41) 2,4,6-Trichlorophenol	12.908	196	23976	4.091	ng/ul#	81
42) 2,4,5-Trichlorophenol	12.984	196	24876m	4.113	ng/ul	
43) 1,1'-Biphenyl	13.302	154	90831	4.503	ng/ul	95
44) 2-Chloronaphthalene	13.343	162	74190	4.681	ng/ul	95
45) 2-Nitroaniline	13.554	65	19665	3.936	ng/ul	97
47) Dimethylphthalate	13.924	163	93592	4.655	ng/ul	99
48) 2,6-Dinitrotoluene	14.048	165	16693	4.093	ng/ul#	73
50) Acenaphthylene	14.195	152	111771	4.725	ng/ul	98
51) 3-Nitroaniline	14.383	138	15830m	4.238	ng/ul	
52) Acenaphthene	14.535	153	73777	4.318	ng/ul#	86
53) 2,4-Dinitrophenol	14.612	184	7560	3.610	ng/ul	95
55) 4-Nitrophenol	14.712	109	12763m	3.582	ng/ul	
56) Dibenzofuran	14.870	168	113088	4.613	ng/ul	98
57) 2,4-Dinitrotoluene	14.841	165	27127	4.346	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.105	232	21267	3.700	ng/ul#	93
59) Diethylphthalate	15.299	149	92437	4.552	ng/ul	98
61) Fluorene	15.522	166	97660	4.680	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.517	204	57340	4.605	ng/ul	94
63) 4-Nitroaniline	15.546	138	16531	4.323	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.616	198	18322	4.020	ng/ul#	98
67) N-Nitrosodiphenylamine	15.734	169	79106	4.392	ng/ul	94
68) 4-Bromophenyl-phenylether	16.416	248	37162	4.371	ng/ul	85
69) Hexachlorobenzene	16.539	284	40779	4.575	ng/ul	99
70) Atrazine	16.686	200	40287	4.629	ng/ul	97
71) Pentachlorophenol	16.891	266	19505m	4.680	ng/ul	
72) Phenanthrene	17.267	178	169401	4.684	ng/ul	96
74) Anthracene	17.361	178	173756m	4.705	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.272	216	43506	3.941	ng/ul	94
76) Pentachlorobenzene	14.800	250	43274	3.970	ng/ul	92
77) Carbazole	17.638	167	142441	4.648	ng/ul	97
78) Di-n-butylphthalate	18.196	149	157607	4.487	ng/ul	98
80) Fluoranthene	19.294	202	224111	4.675	ng/ul#	97
82) Pyrene	19.653	202	240451	4.681	ng/ul#	97
83) Butylbenzylphthalate	20.552	149	71720	4.302	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.386	252	89383	4.811	ng/ul	90
85) Benzo(a)anthracene	21.468	228	267881	4.790	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	107898	4.453	ng/ul	94
87) Chrysene	21.533	228	234702	4.488	ng/ul	99
89) Di-n-octyl phthalate	22.526	149	179789	4.385	ng/ul	100
90) Benzo(b)fluoranthene	23.566	252	256276	4.620	ng/ul	95
91) Benzo(k)fluoranthene	23.631	252	259982	4.670	ng/ul	99
93) Benzo(a)pyrene	24.389	252	227216	4.376	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.967	276	282374	4.385	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.025	278	241288m	4.583	ng/ul	
96) Benzo(g,h,i)perylene	29.042	276	213199	4.366	ng/ul	95

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

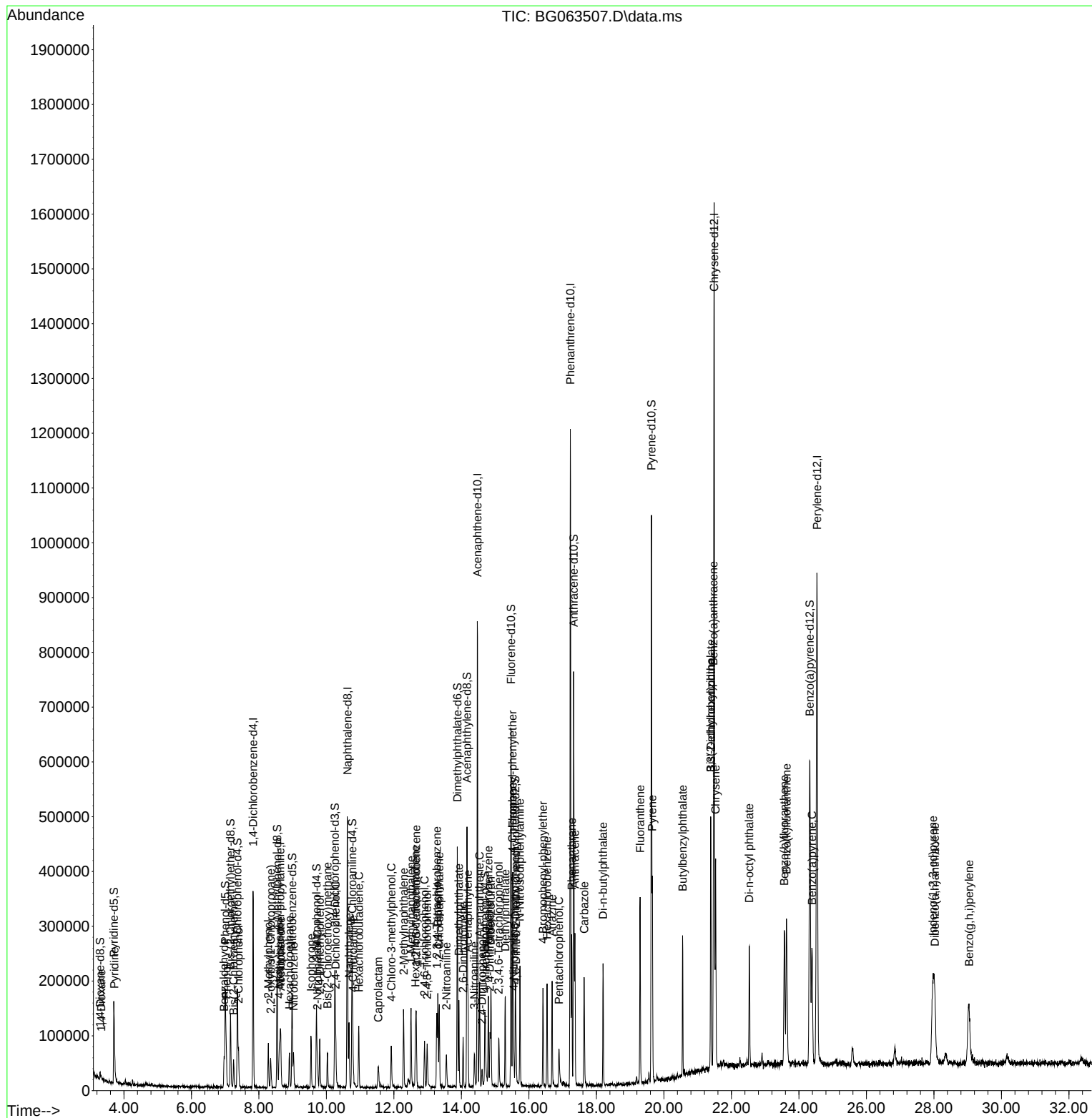
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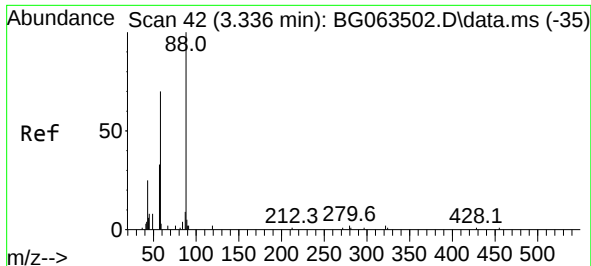
Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-07

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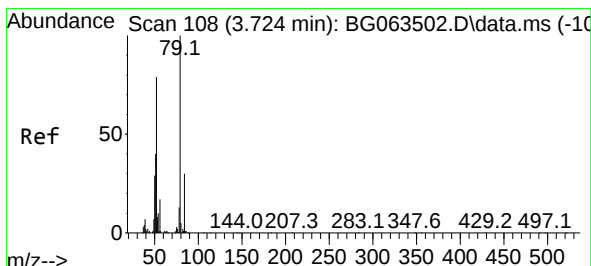
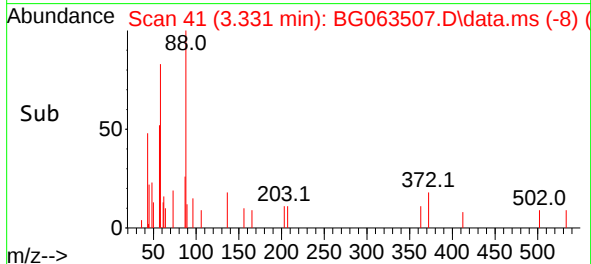
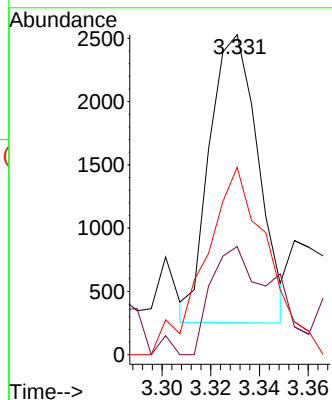
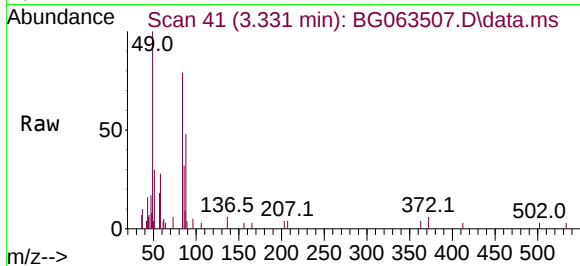
#2
1,4-Dioxane
Concen: 1.082 ng/uL
RT: 3.331 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 88 Resp: 314
Ion Ratio Lower Upper
88 100
43 33.8 19.0 28.4
58 58.6 52.3 78.5

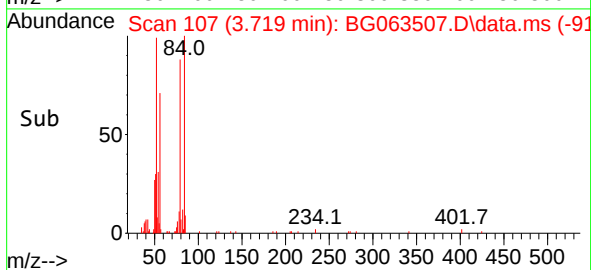
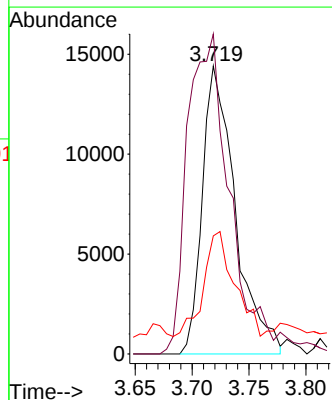
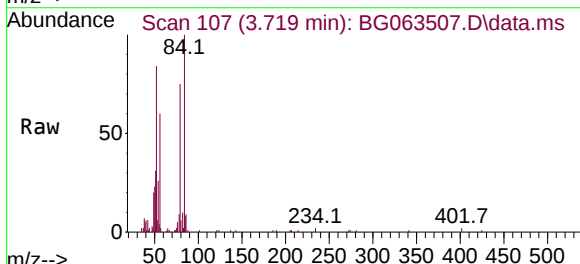
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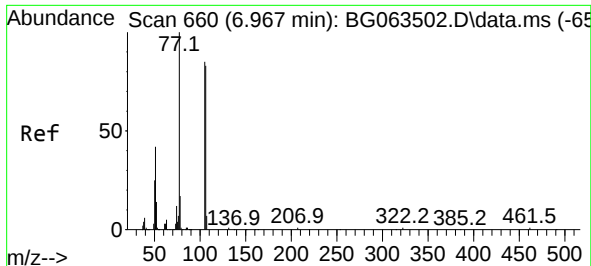
Reviewed By :Yogesh Patel 11/22/2024
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#5
Pyridine
Concen: 3.694 ng/uL
RT: 3.719 min Scan# 107
Delta R.T. -0.007 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

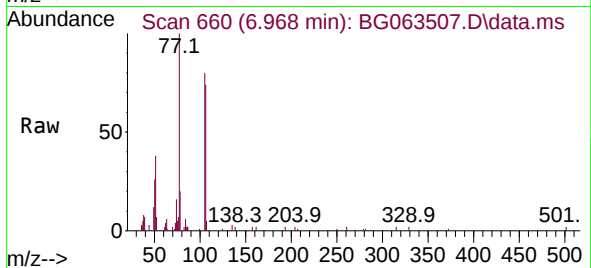
Tgt Ion: 79 Resp: 29011
Ion Ratio Lower Upper
79 100
52 111.1 57.4 86.0
51 41.0 29.7 44.5





#6
Benzaldehyde
Concen: 4.840 ng/ul
RT: 6.968 min Scan# 660
Delta R.T. -0.007 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

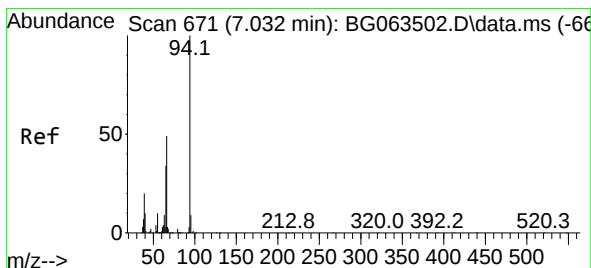
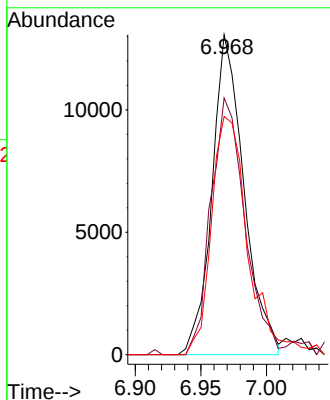
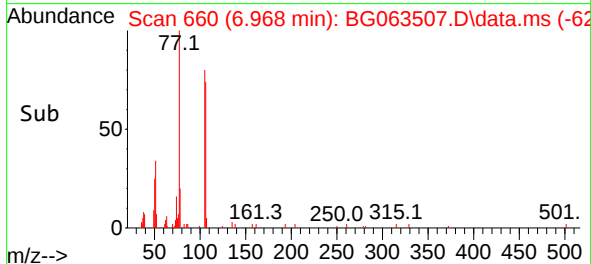
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion: 77 Resp: 22145
Ion Ratio Lower Upper
77 100
105 80.2 65.5 98.3
106 74.4 59.6 89.4

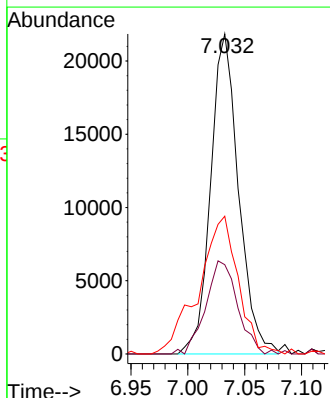
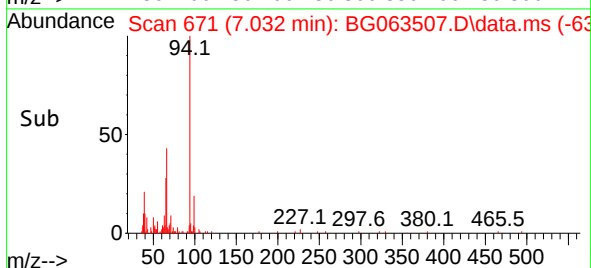
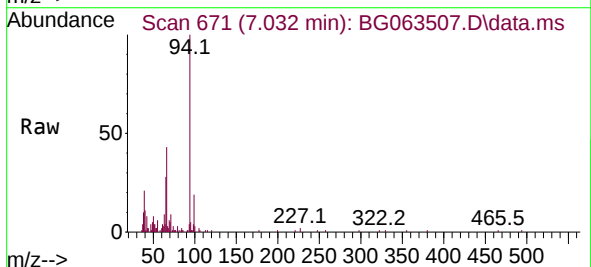
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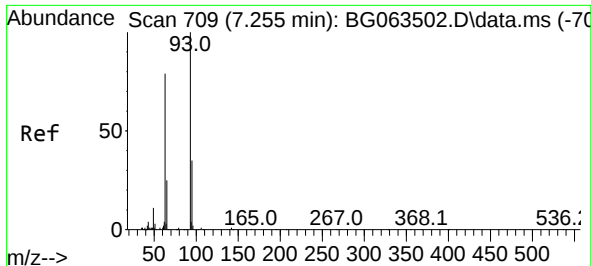
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#8
Phenol
Concen: 4.282 ng/ul
RT: 7.032 min Scan# 671
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion: 94 Resp: 37318
Ion Ratio Lower Upper
94 100
65 27.9 23.8 35.8
66 43.0 36.4 54.6





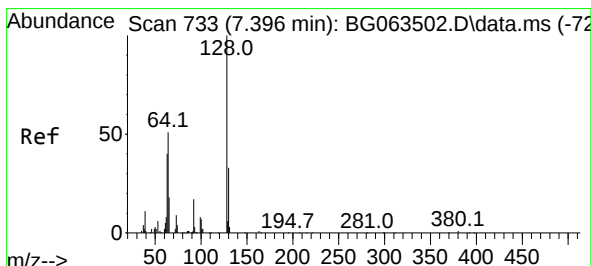
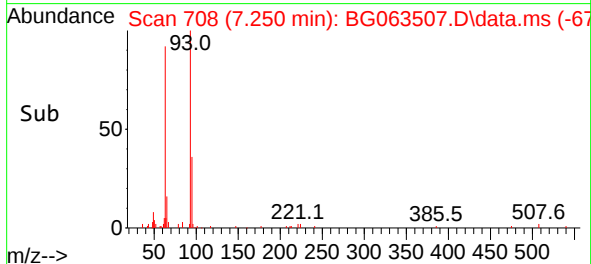
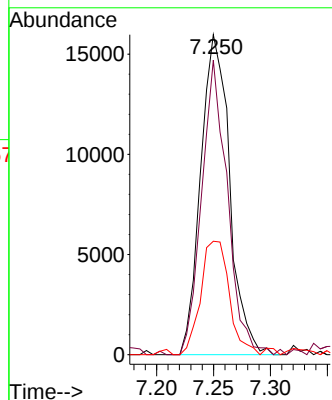
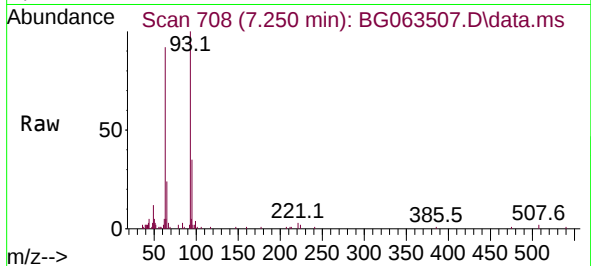
#10
Bis(2-Chloroethyl)ether
Concen: 4.488 ng/ul
RT: 7.250 min Scan# 709
Delta R.T. -0.007 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 93 Resp: 2823
Ion Ratio Lower Upper
93 100
63 92.1 62.7 94.1
95 35.4 21.6 32.4

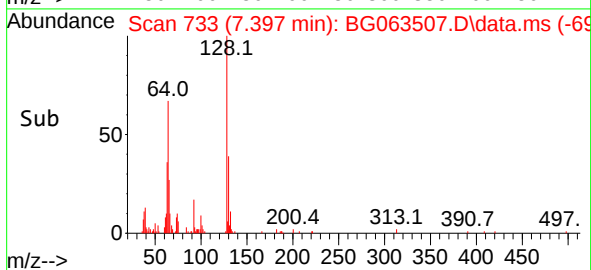
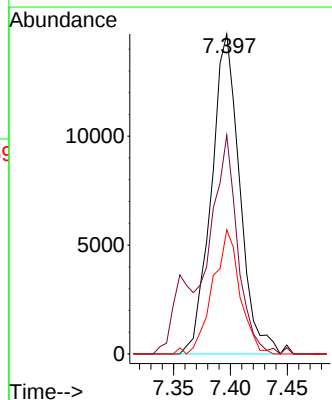
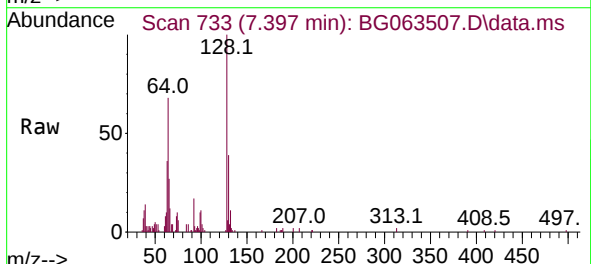
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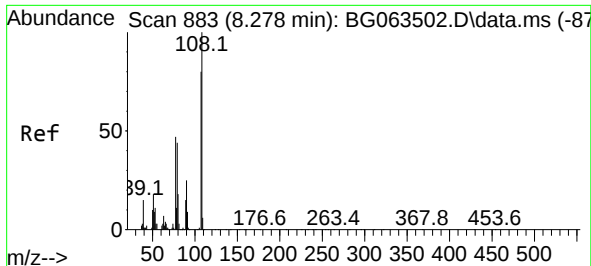
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#12
2-Chlorophenol
Concen: 4.228 ng/ul
RT: 7.397 min Scan# 733
Delta R.T. -0.001 min
Lab File: BG063507.D
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Tgt Ion:128 Resp: 25564
Ion Ratio Lower Upper
128 100
64 68.3 45.1 67.7#
130 38.8 25.0 37.6#





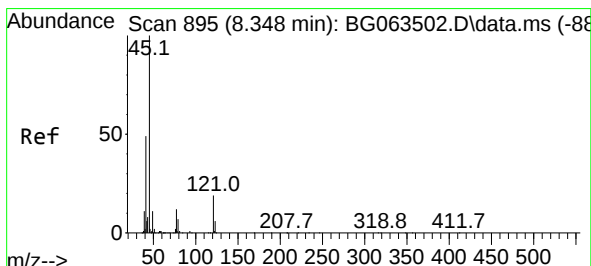
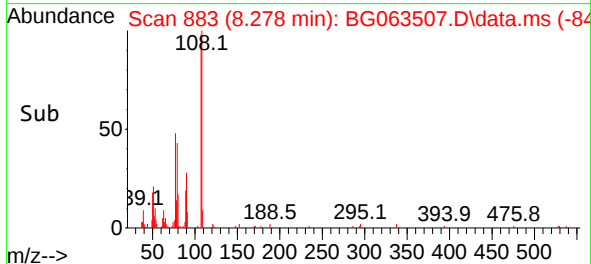
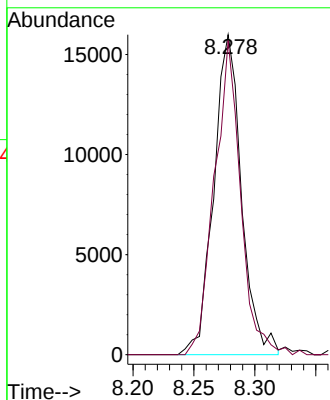
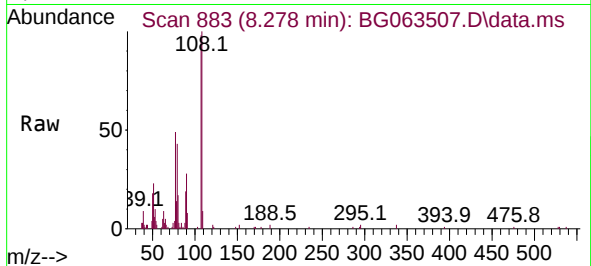
#13
2-Methylphenol
Concen: 3.914 ng/ul
RT: 8.278 min Scan# 883
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

Tgt Ion:108 Resp: 2538
Ion Ratio Lower Upper
108 100
107 98.2 67.7 101.5

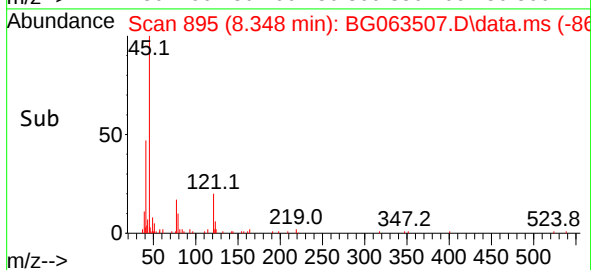
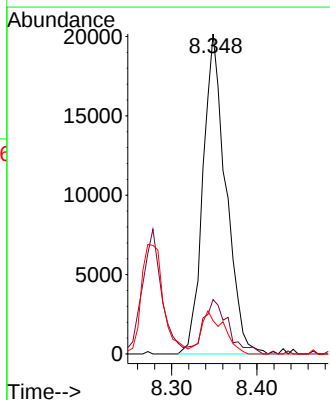
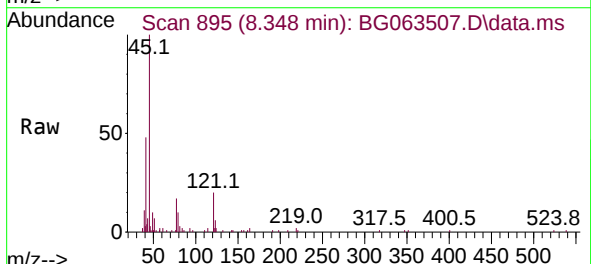
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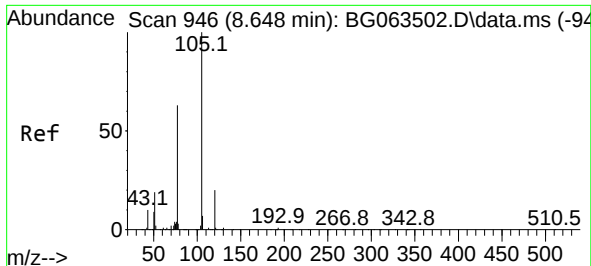
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.087 ng/ul
RT: 8.348 min Scan# 895
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion: 45 Resp: 37669
Ion Ratio Lower Upper
45 100
77 17.0 14.5 21.7
79 10.4 9.7 14.5





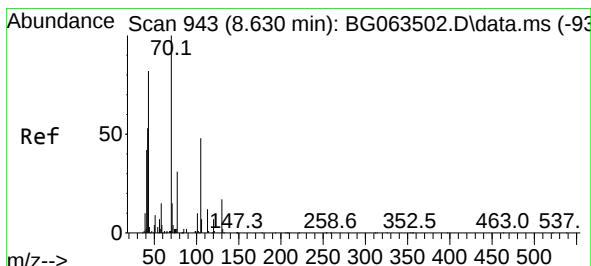
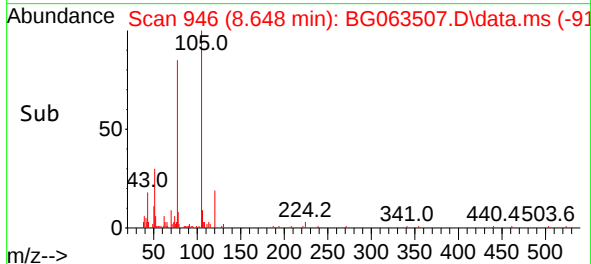
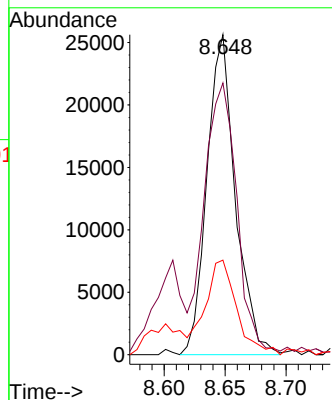
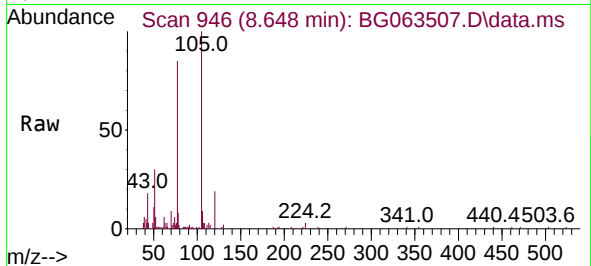
#16
Acetophenone
Concen: 3.950 ng/ul
RT: 8.648 min Scan# 946
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:105 Resp: 41670
Ion Ratio Lower Upper
105 100
77 84.9 67.0 100.6
51 29.6 22.3 33.5

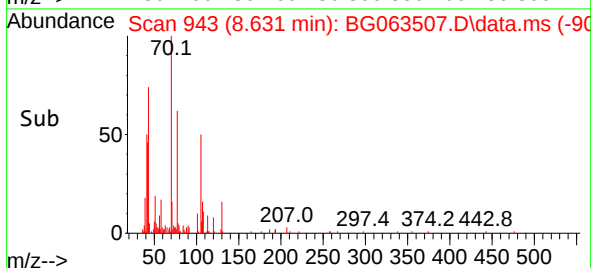
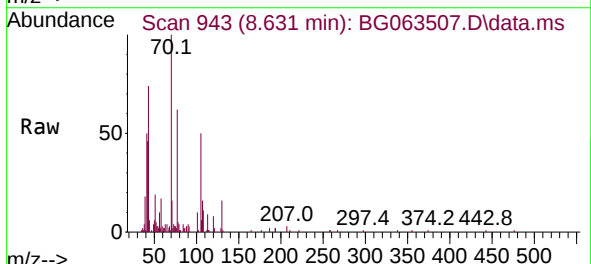
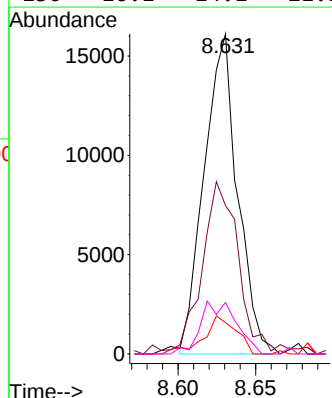
Manual Integrations
APPROVED

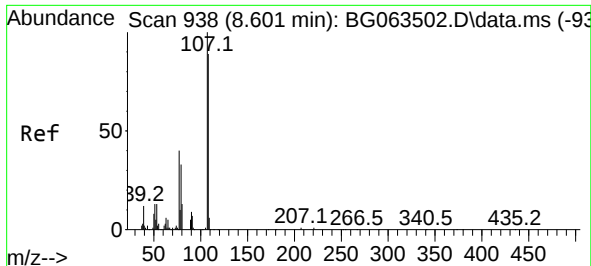
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.089 ng/ul
RT: 8.631 min Scan# 943
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

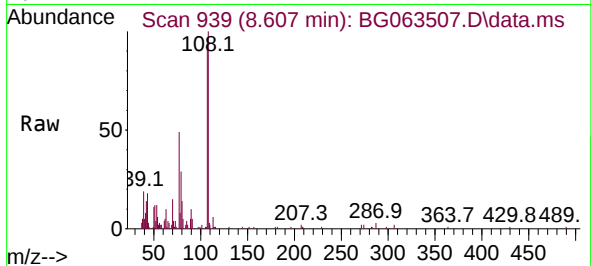
Tgt Ion: 70 Resp: 24111
Ion Ratio Lower Upper
70 100
42 46.4 38.9 58.3
101 9.8 7.2 10.8
130 16.1 14.1 21.1





#18
4-Methylphenol
Concen: 4.128 ng/ul
RT: 8.607 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

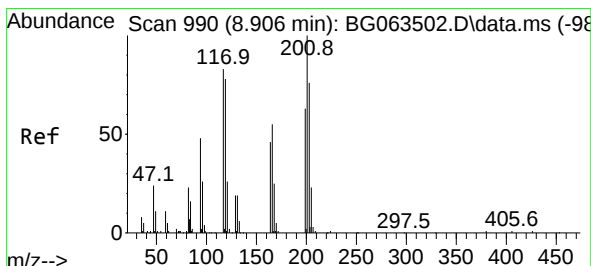
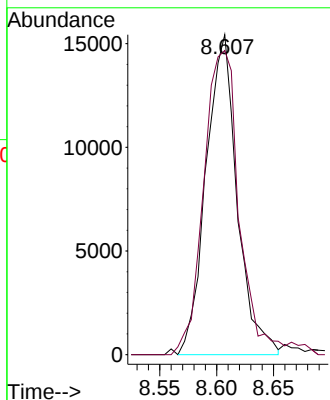
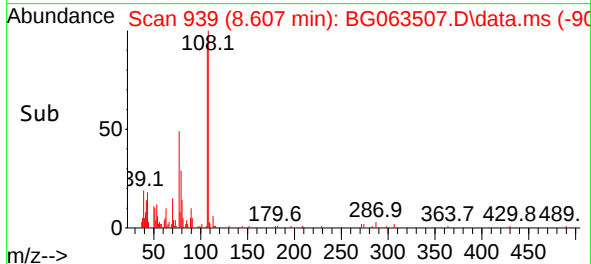
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:108 Resp: 2936
Ion Ratio Lower Upper
108 100
107 95.0 81.4 122.2

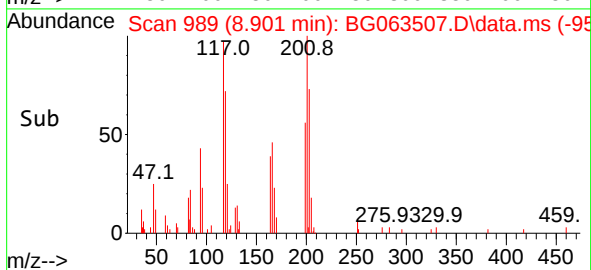
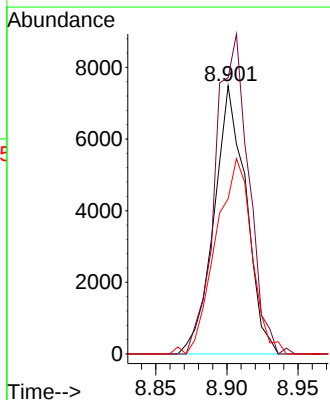
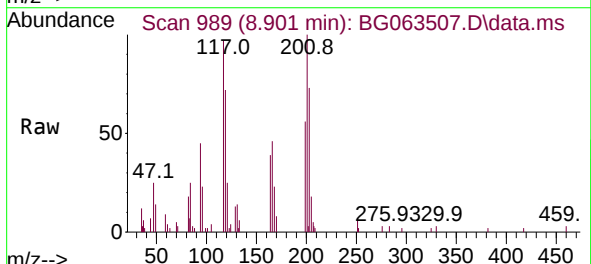
Manual Integrations
APPROVED

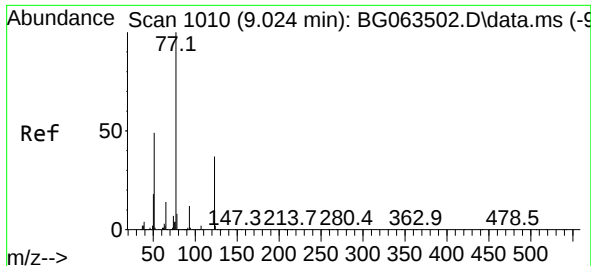
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#19
Hexachloroethane
Concen: 4.462 ng/ul
RT: 8.901 min Scan# 989
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion:117 Resp: 11651
Ion Ratio Lower Upper
117 100
201 103.0 107.0 160.4#
199 57.9 60.0 90.0#





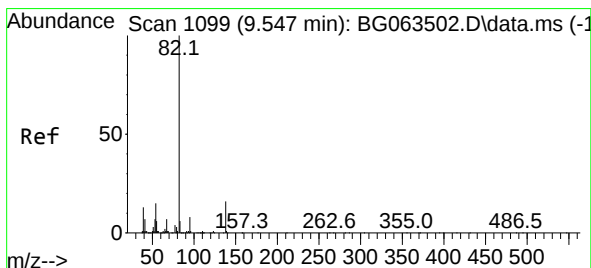
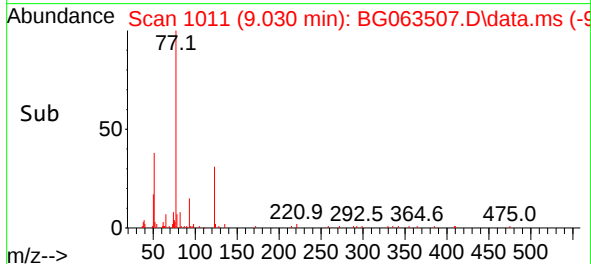
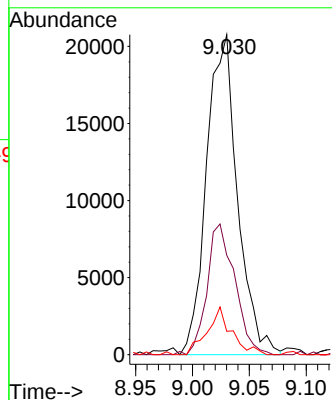
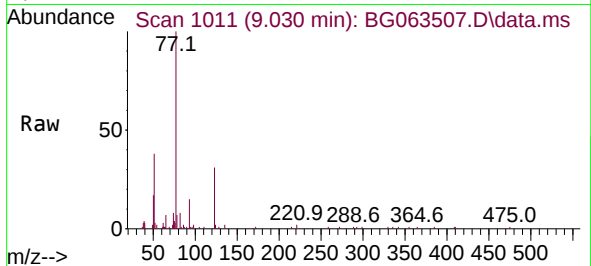
#22
Nitrobenzene
Concen: 4.531 ng/ul
RT: 9.030 min Scan# 1010
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.0	29.8	44.8
65	7.3	11.9	17.9

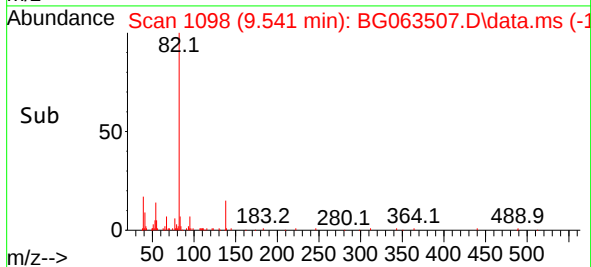
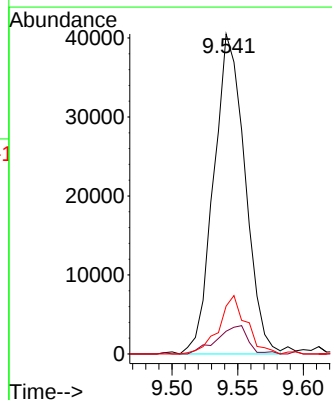
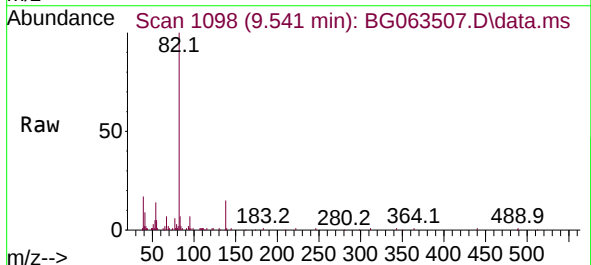
Manual Integrations
APPROVED

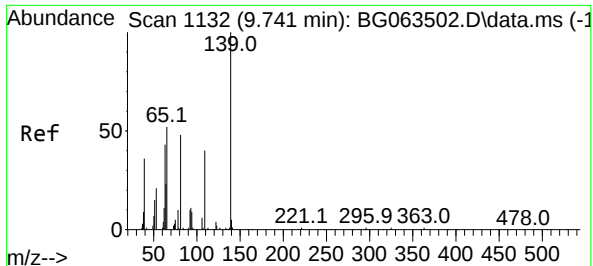
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#23
Isophorone
Concen: 4.238 ng/ul
RT: 9.541 min Scan# 1098
Delta R.T. -0.007 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.2	9.4
138	14.9	11.9	17.9





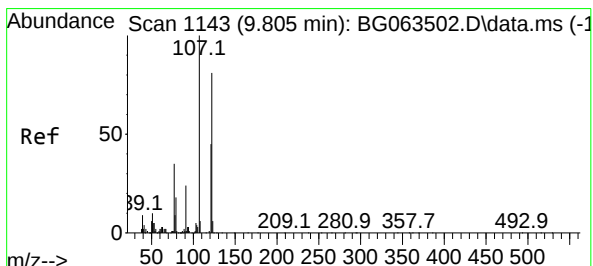
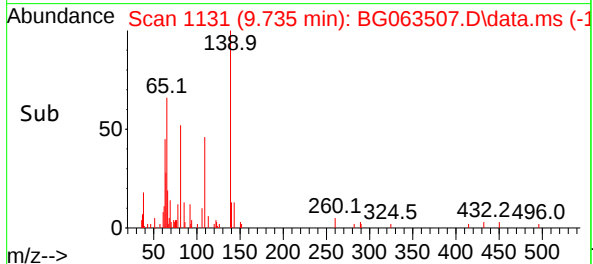
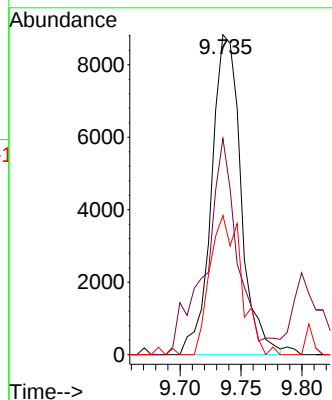
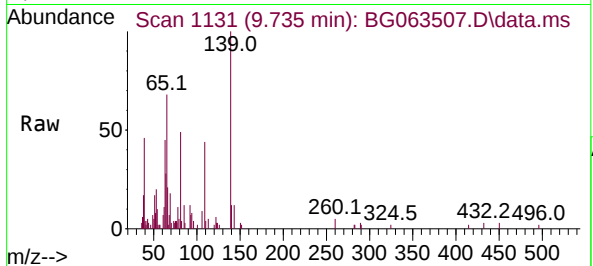
#25
2-Nitrophenol
Concen: 4.295 ng/ul
RT: 9.735 min Scan# 1132
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:139 Resp: 1488
Ion Ratio Lower Upper
139 100
65 67.6 54.0 81.0
109 43.5 38.2 57.4

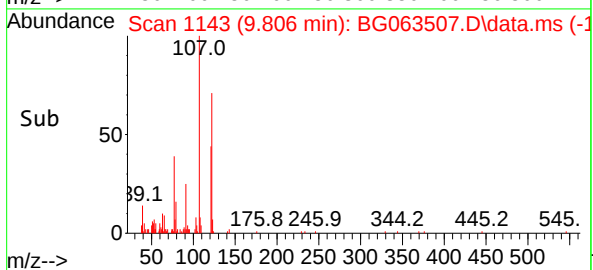
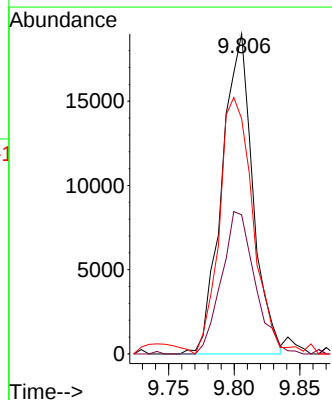
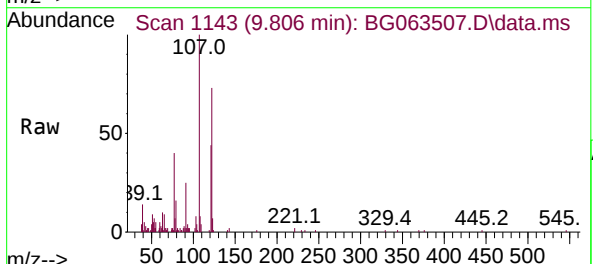
Manual Integrations
APPROVED

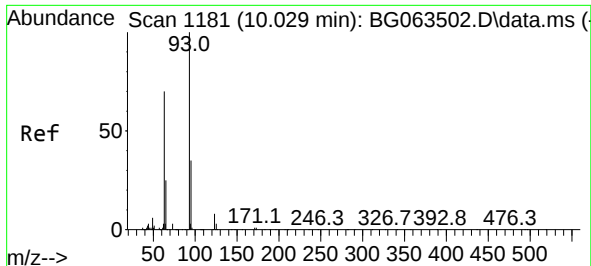
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#26
2,4-Dimethylphenol
Concen: 4.156 ng/ul
RT: 9.806 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion:107 Resp: 31039
Ion Ratio Lower Upper
107 100
121 43.5 34.4 51.6
122 73.5 61.0 91.6





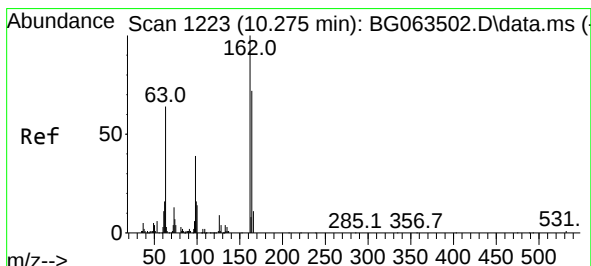
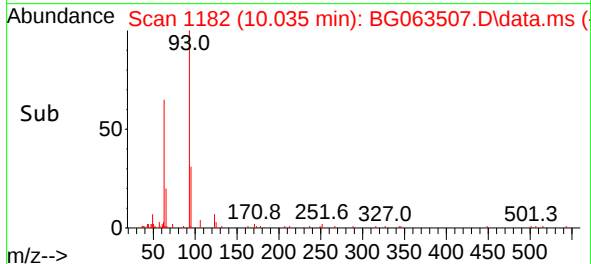
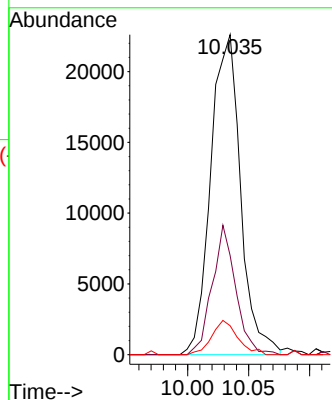
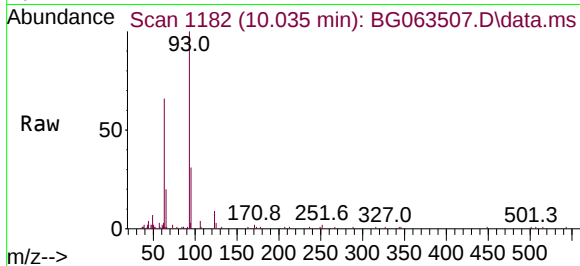
#27
Bis(2-Chloroethoxy)methane
Concen: 4.391 ng/ul
RT: 10.035 min Scan# 1181
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 93 Resp: 3849
Ion Ratio Lower Upper
93 100
95 31.0 26.9 40.3
123 9.1 6.6 9.8

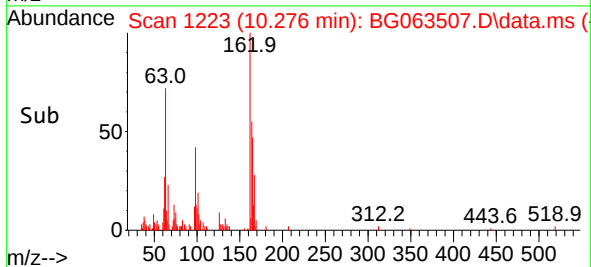
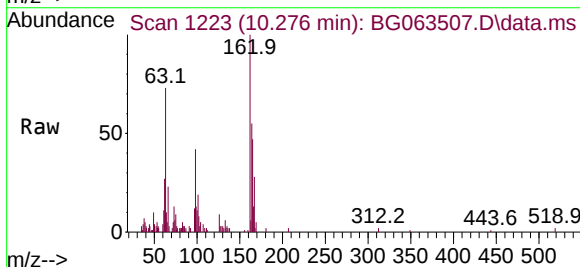
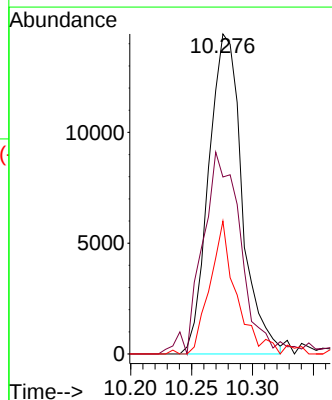
Manual Integrations
APPROVED

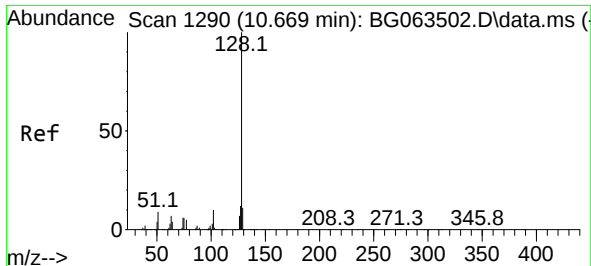
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#29
2,4-Dichlorophenol
Concen: 4.219 ng/ul
RT: 10.276 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion:162 Resp: 27476
Ion Ratio Lower Upper
162 100
164 55.3 52.8 79.2
98 41.5 29.0 43.6





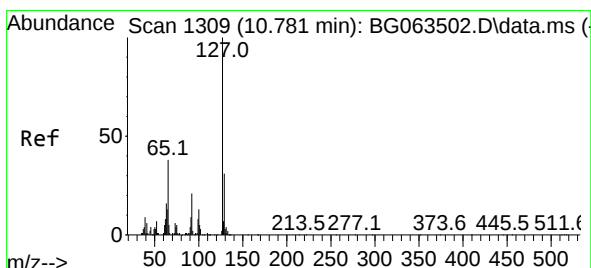
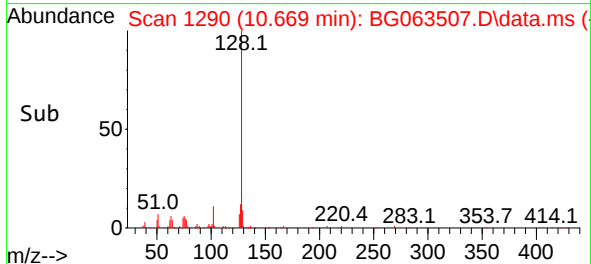
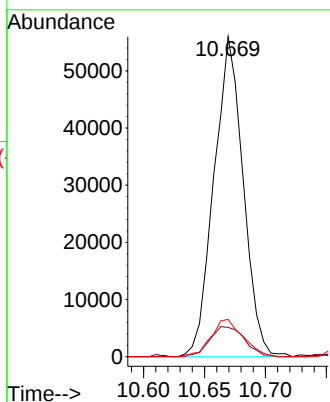
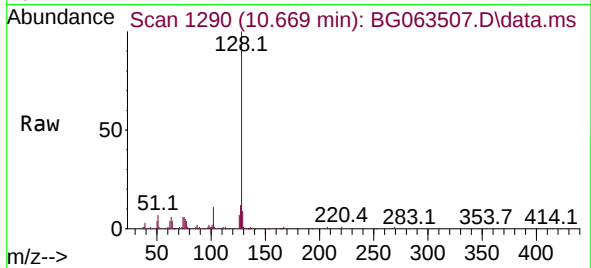
#30
Naphthalene
Concen: 4.636 ng/ul
RT: 10.669 min Scan# 1310
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:128 Resp: 9329
Ion Ratio Lower Upper
128 100
129 9.2 8.2 12.2
127 11.7 11.8 17.6

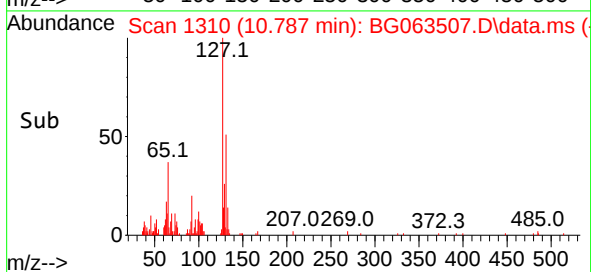
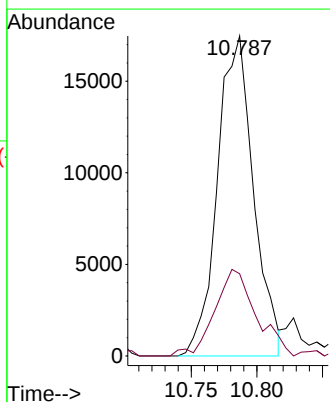
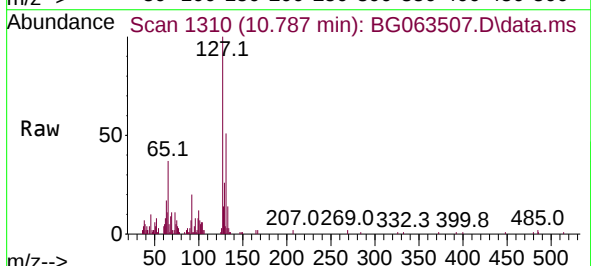
Manual Integrations
APPROVED

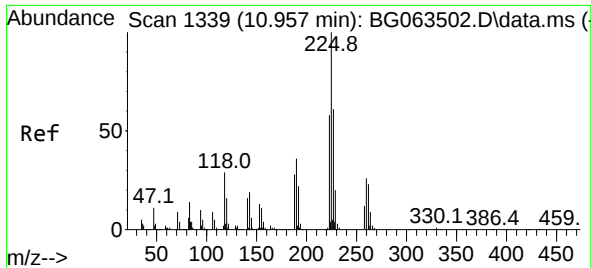
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#32
4-Chloroaniline
Concen: 4.145 ng/ul
RT: 10.787 min Scan# 1310
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion:127 Resp: 33399
Ion Ratio Lower Upper
127 100
129 25.7 26.2 39.2#





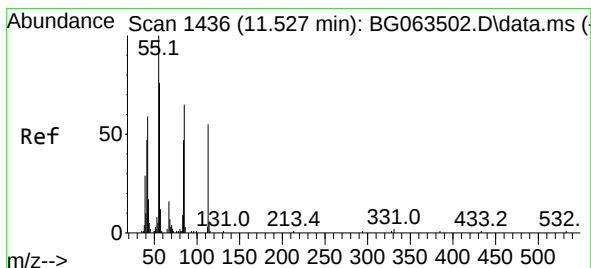
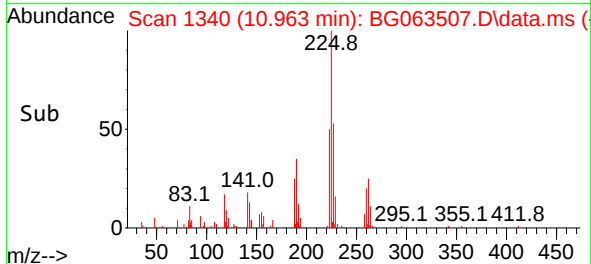
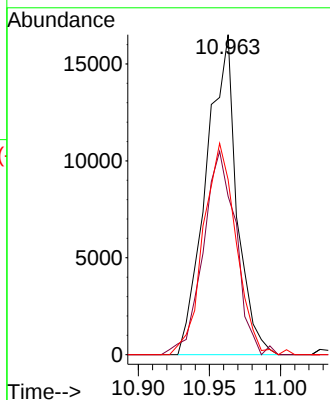
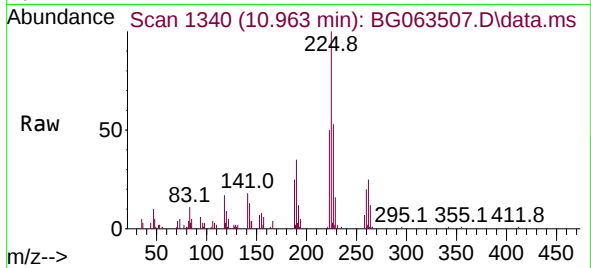
#33
Hexachlorobutadiene
Concen: 4.260 ng/ul
RT: 10.963 min Scan# 1340
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:225 Resp: 24740
Ion Ratio Lower Upper
225 100
223 49.5 54.8 82.2
227 54.7 53.4 80.2

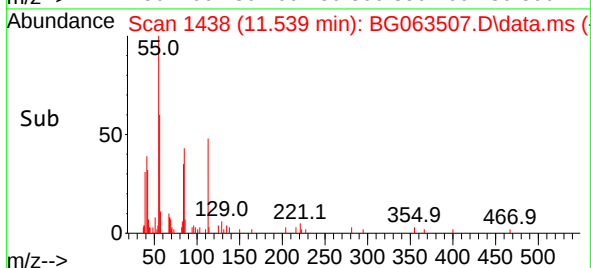
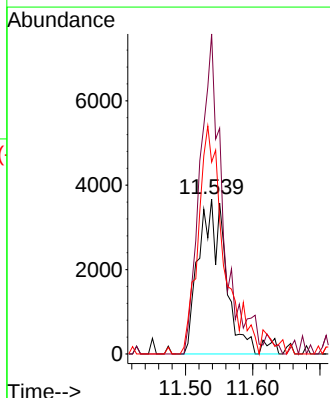
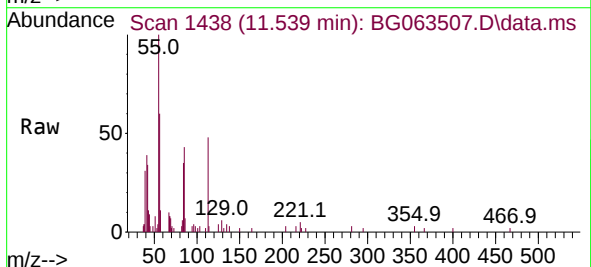
Manual Integrations
APPROVED

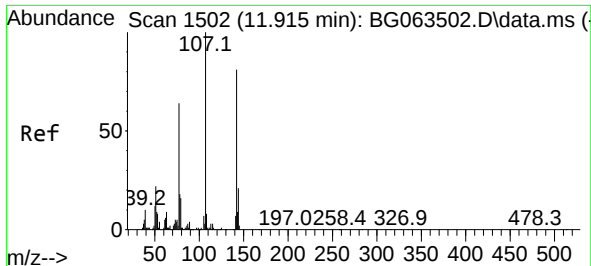
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#34
Caprolactam
Concen: 4.823 ng/ul m
RT: 11.539 min Scan# 1438
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

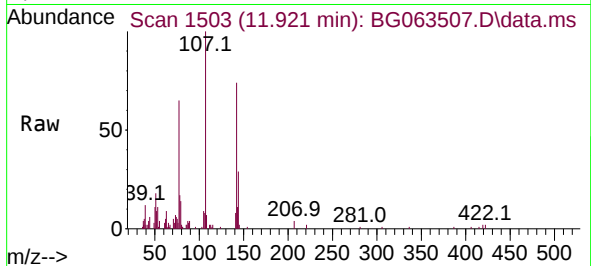
Tgt Ion:113 Resp: 10587
Ion Ratio Lower Upper
113 100
55 206.6 135.2 202.8
56 123.9 109.8 164.6





#35
4-Chloro-3-methylphenol
Concen: 4.093 ng/ul
RT: 11.921 min Scan# 1503
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

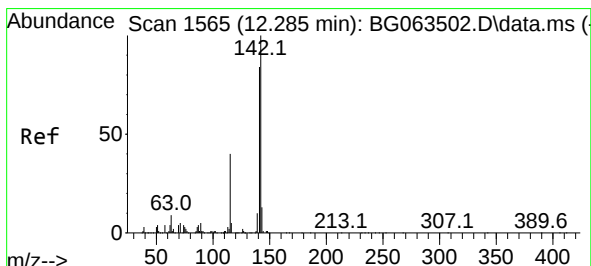
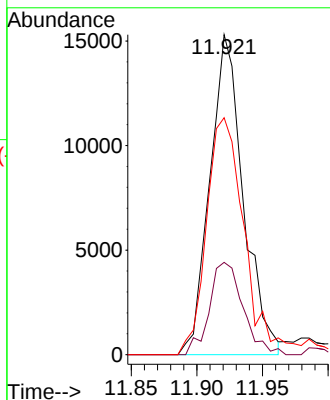
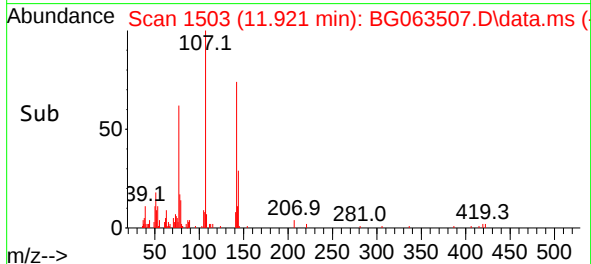
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:107 Resp: 27130
Ion Ratio Lower Upper
107 100
144 28.8 18.6 27.8
142 74.1 65.2 97.8

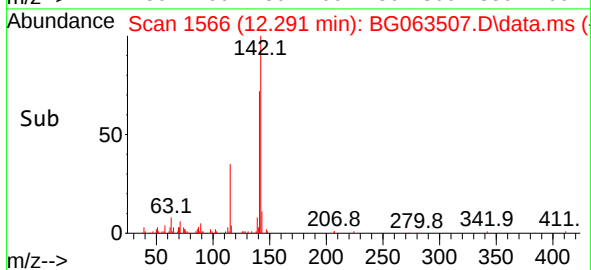
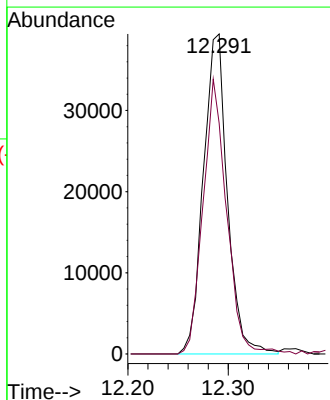
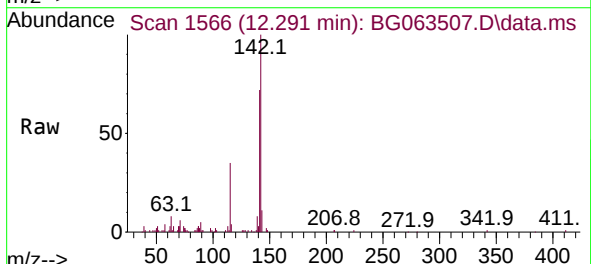
Manual Integrations
APPROVED

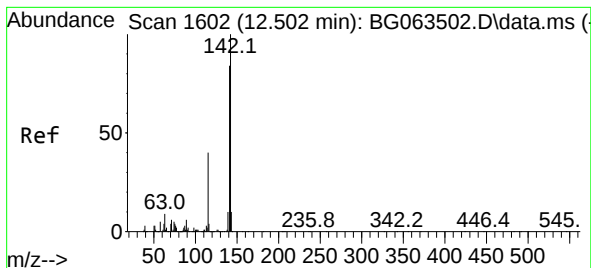
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#36
2-Methylnaphthalene
Concen: 4.607 ng/ul
RT: 12.291 min Scan# 1566
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

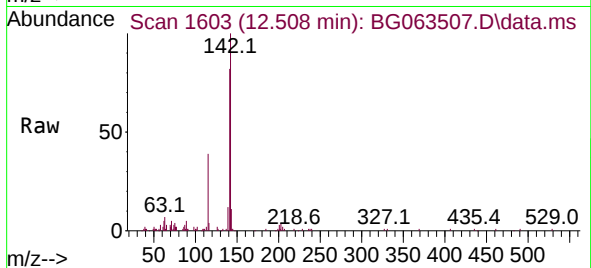
Tgt Ion:142 Resp: 65809
Ion Ratio Lower Upper
142 100
141 72.1 70.9 106.3





#37
1-Methylnaphthalene
Concen: 4.328 ng/ul
RT: 12.508 min Scan# 1603
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

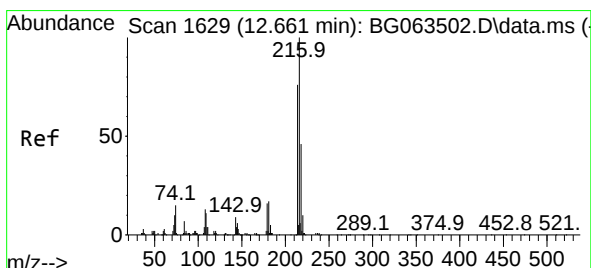
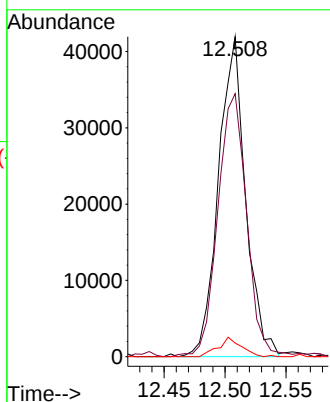
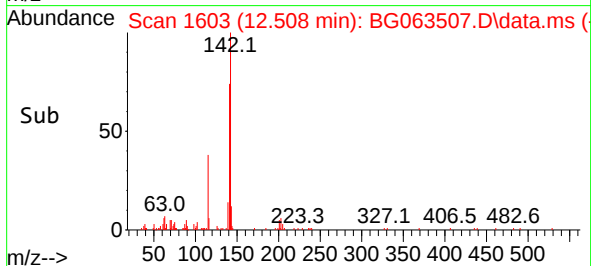
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:142 Resp: 64910
Ion Ratio Lower Upper
142 100
141 82.2 71.0 106.4
116 4.3 3.5 5.3

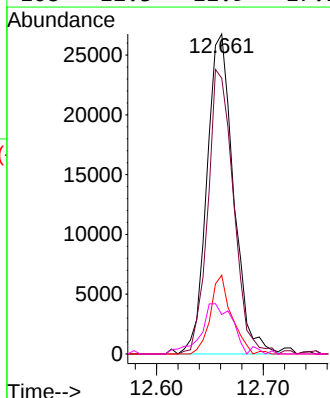
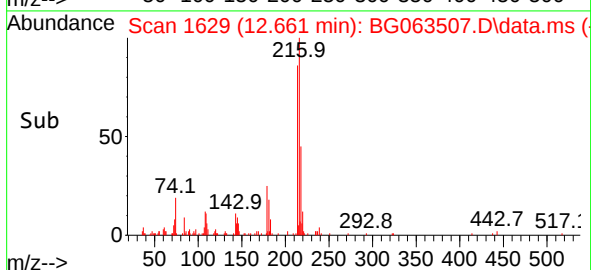
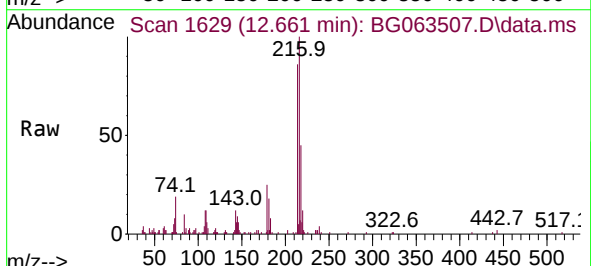
Manual Integrations
APPROVED

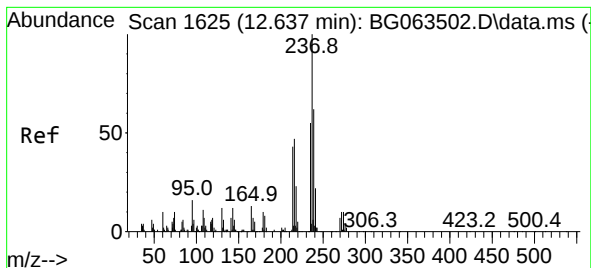
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.363 ng/ul
RT: 12.661 min Scan# 1629
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

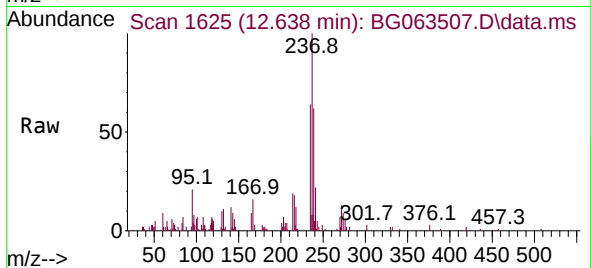
Tgt Ion:216 Resp: 46603
Ion Ratio Lower Upper
216 100
214 86.2 62.6 93.8
179 24.6 14.9 22.3#
108 12.3 11.9 17.9





#40
Hexachlorocyclopentadiene
Concen: 5.008 ng/ul
RT: 12.638 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

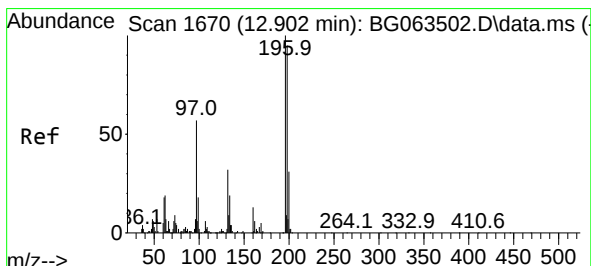
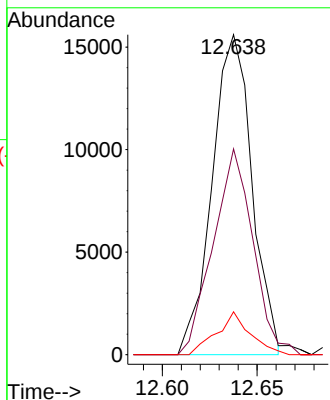
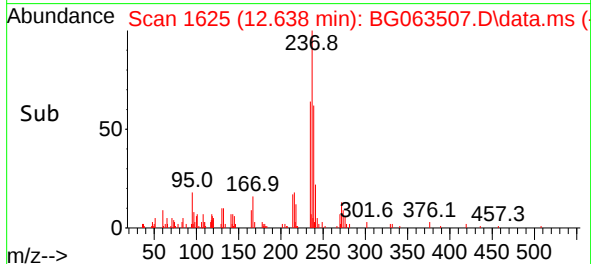
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



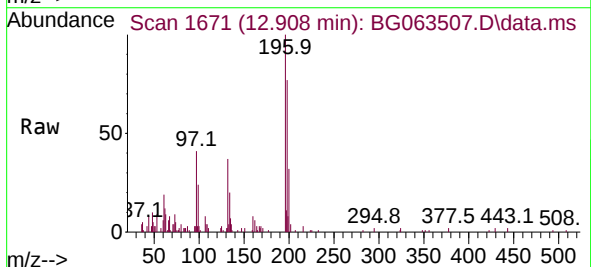
Tgt Ion:237 Resp: 22814
Ion Ratio Lower Upper
237 100
235 64.3 47.2 70.8
272 13.4 9.3 13.9

Manual Integrations
APPROVED

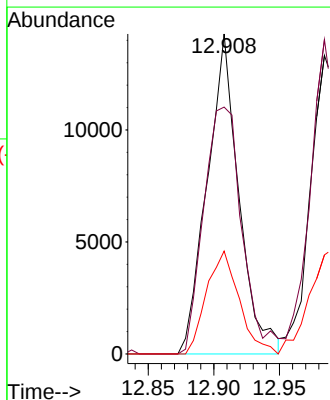
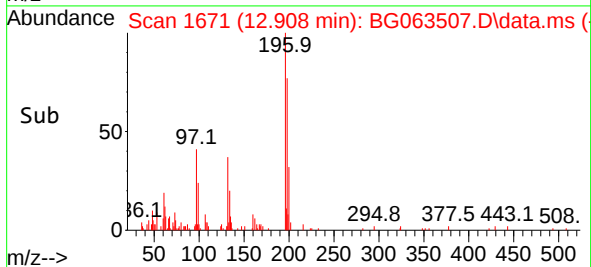
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

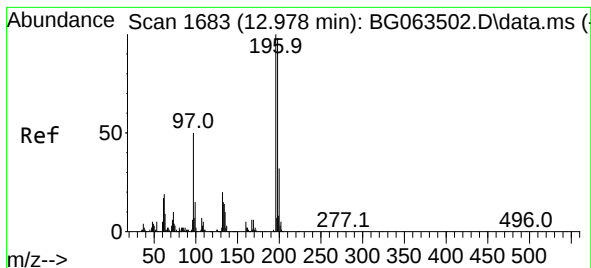


#41
2,4,6-Trichlorophenol
Concen: 4.091 ng/ul
RT: 12.908 min Scan# 1671
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59



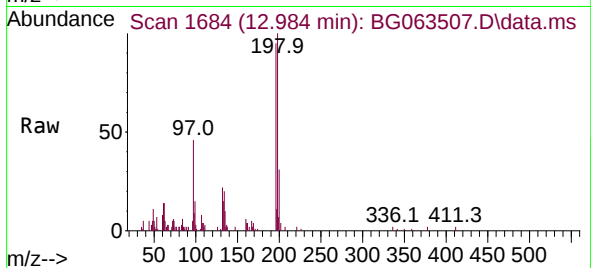
Tgt Ion:196 Resp: 23976
Ion Ratio Lower Upper
196 100
198 77.1 81.5 122.3#
200 32.2 26.0 39.0





#42
2,4,5-Trichlorophenol
Concen: 4.113 ng/ul m
RT: 12.984 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

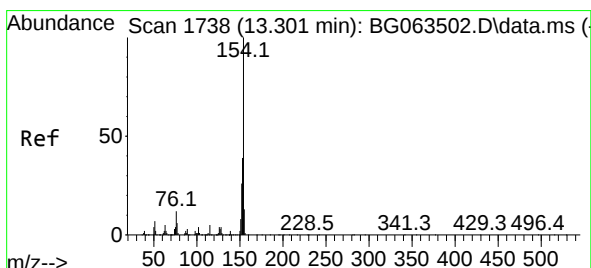
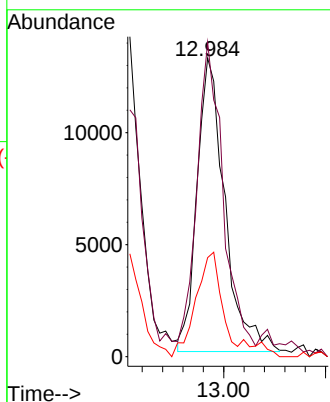
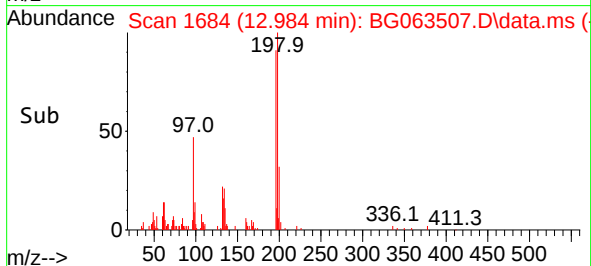
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:196 Resp: 24870
Ion Ratio Lower Upper
196 100
198 105.3 74.8 112.2
200 33.2 23.5 35.3

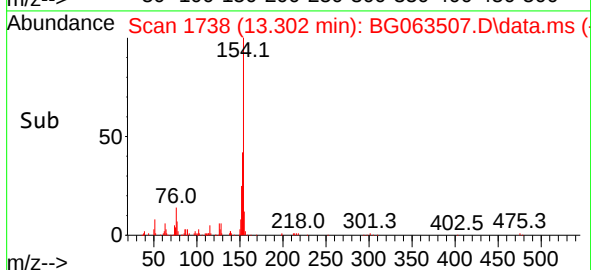
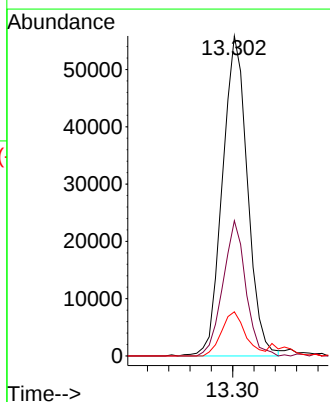
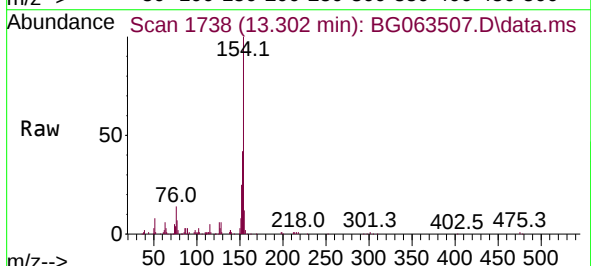
Manual Integrations
APPROVED

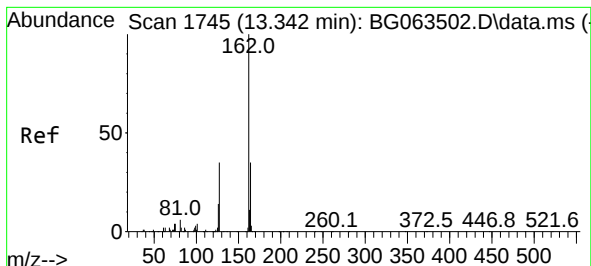
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#43
1,1'-Biphenyl
Concen: 4.503 ng/ul
RT: 13.302 min Scan# 1738
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

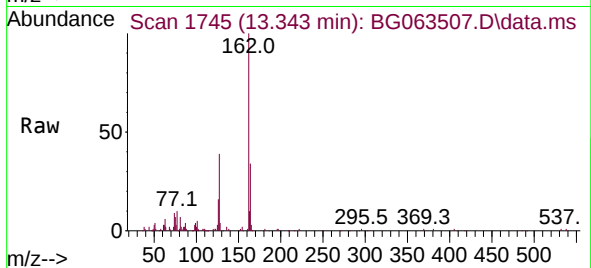
Tgt Ion:154 Resp: 90831
Ion Ratio Lower Upper
154 100
153 42.3 30.4 45.6
76 13.8 10.8 16.2





#44
2-Chloronaphthalene
Concen: 4.681 ng/ul
RT: 13.343 min Scan# 1745
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

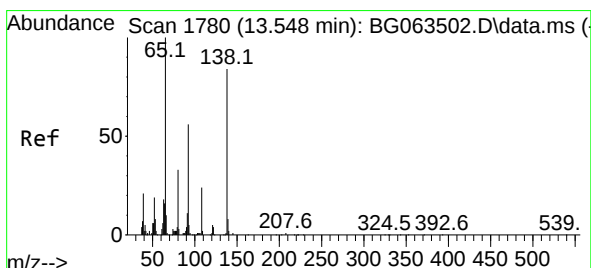
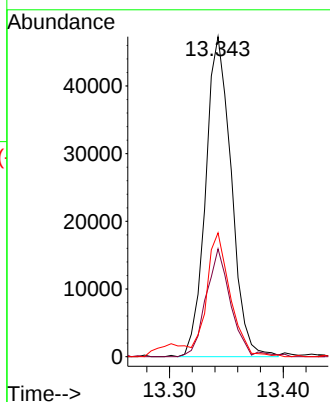
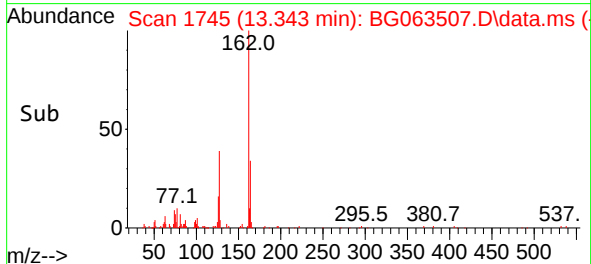
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion:162 Resp: 74190
Ion Ratio Lower Upper
162 100
164 33.7 24.3 36.5
127 38.7 28.6 43.0

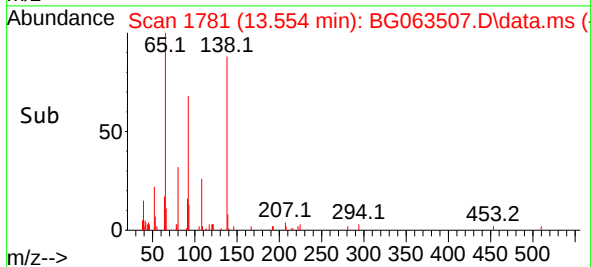
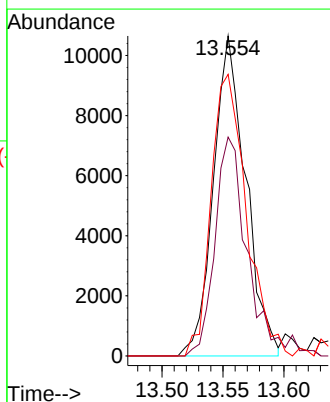
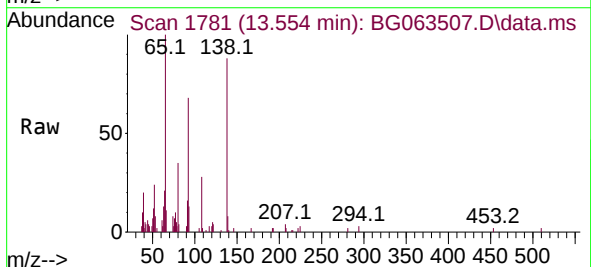
Manual Integrations
APPROVED

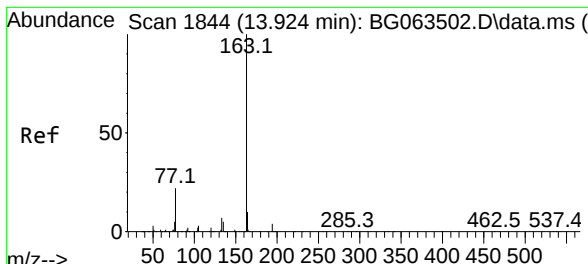
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#45
2-Nitroaniline
Concen: 3.936 ng/ul
RT: 13.554 min Scan# 1781
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion: 65 Resp: 19665
Ion Ratio Lower Upper
65 100
92 68.4 53.0 79.6
138 88.0 73.1 109.7



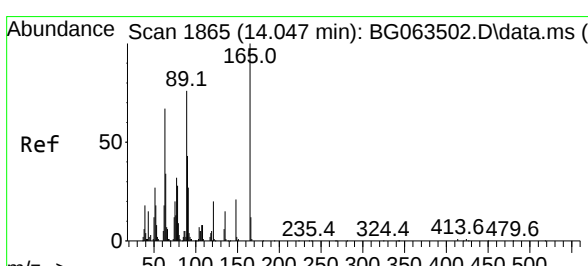
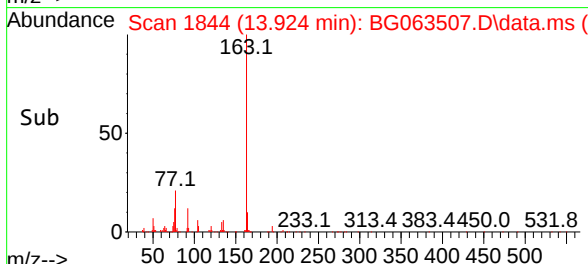
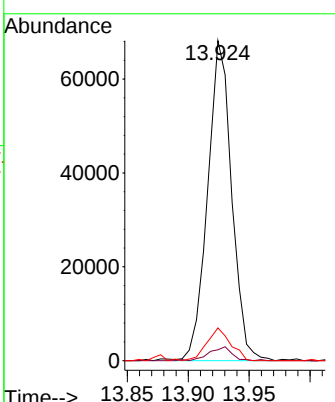
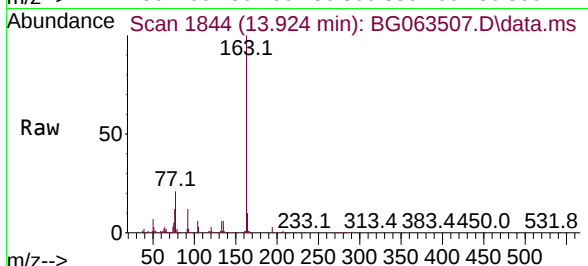


#47
 Dimethylphthalate
 Concen: 4.655 ng/ul
 RT: 13.924 min Scan# 1844
 Delta R.T. -0.001 min
 Lab File: BG063507.D
 Acq: 21 Nov 2024 15:59

Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT4-2024-07

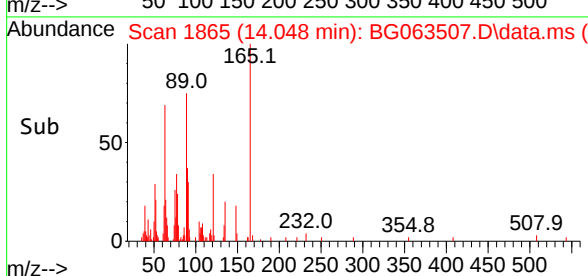
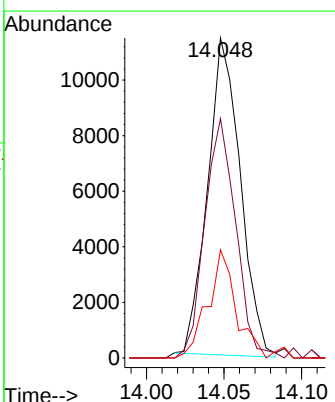
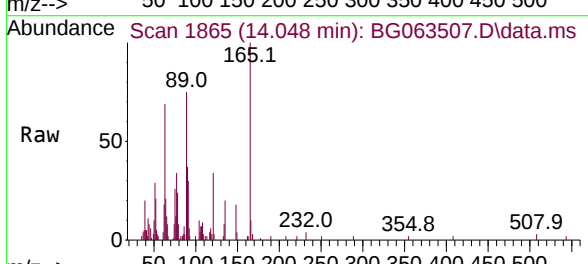
Tgt Ion:	163	Resp:	93592
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.2	8.7	13.1

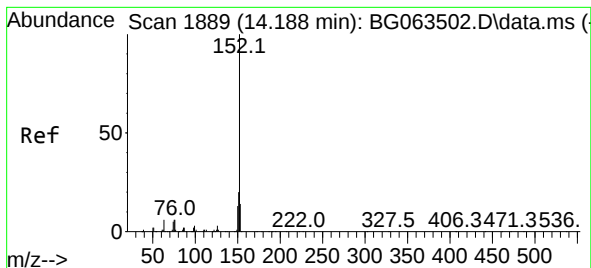
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#48
 2,6-Dinitrotoluene
 Concen: 4.093 ng/ul
 RT: 14.048 min Scan# 1865
 Delta R.T. -0.001 min
 Lab File: BG063507.D
 Acq: 21 Nov 2024 15:59

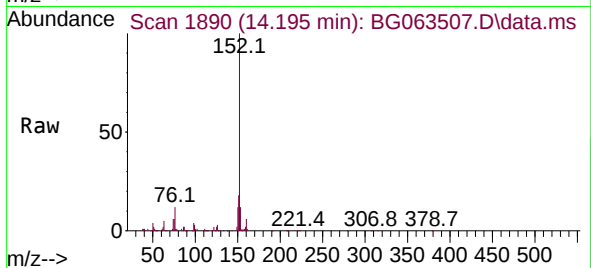
Tgt Ion:	165	Resp:	16693
Ion Ratio	Lower	Upper	
165	100		
89	74.8	45.1	67.7#
121	33.8	15.8	23.6#





#50
Acenaphthylene
Concen: 4.725 ng/ul
RT: 14.195 min Scan# 1889
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

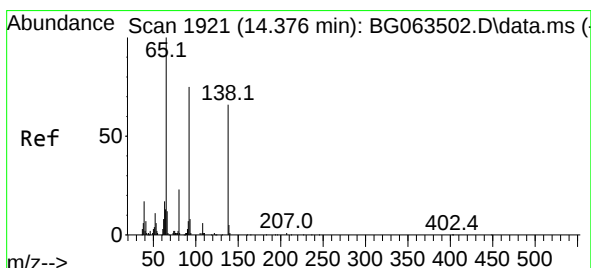
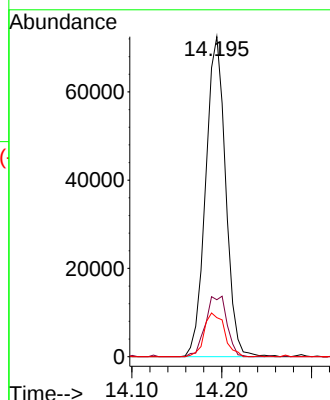
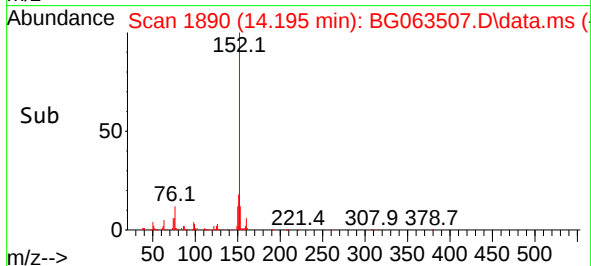
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:152 Resp: 11177
Ion Ratio Lower Upper
152 100
151 17.8 14.5 21.7
153 12.2 10.6 16.0

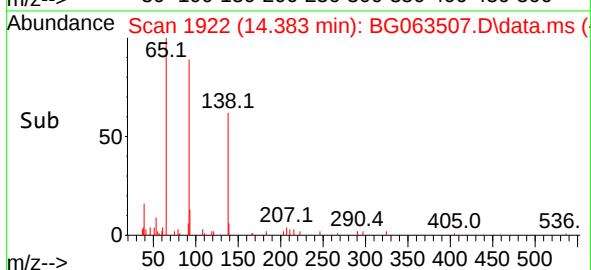
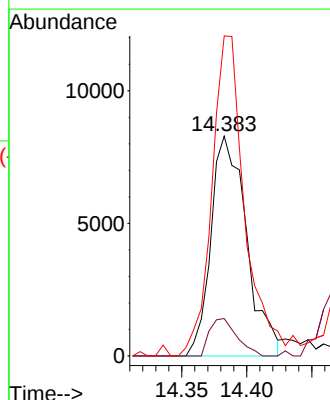
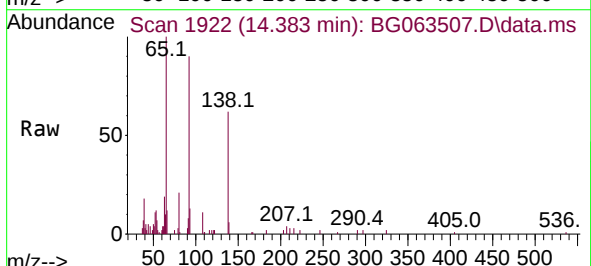
Manual Integrations
APPROVED

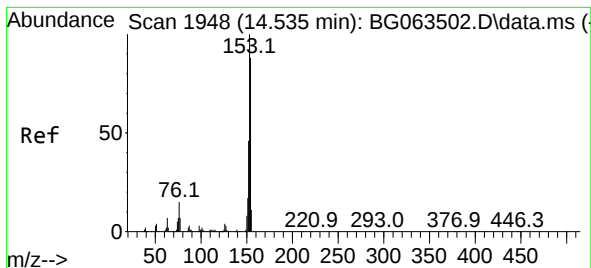
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#51
3-Nitroaniline
Concen: 4.238 ng/ul m
RT: 14.383 min Scan# 1922
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion:138 Resp: 15830
Ion Ratio Lower Upper
138 100
108 17.0 7.9 11.9#
92 145.5 104.5 156.7





#52

Acenaphthene

Concen: 4.318 ng/ul

RT: 14.535 min Scan# 1948

Delta R.T. -0.001 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

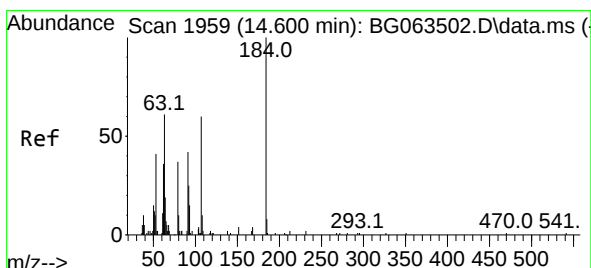
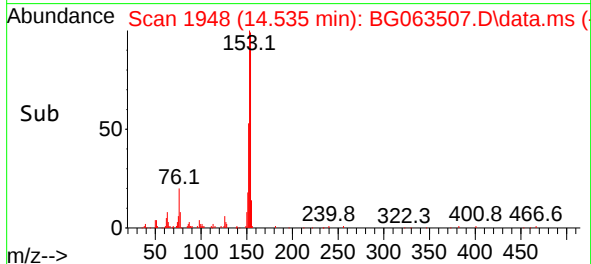
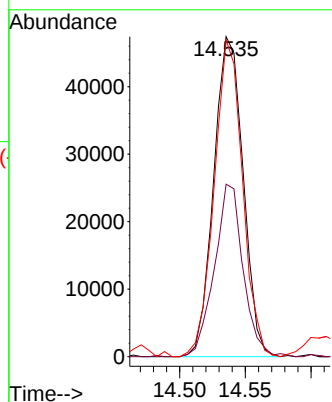
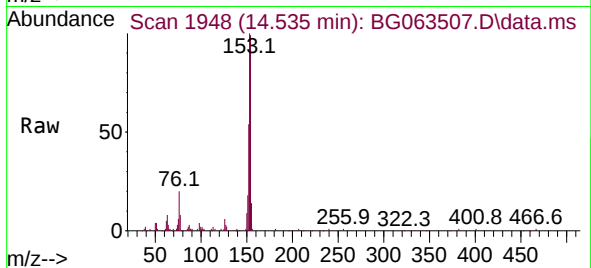
Tgt Ion:	153	Resp:	7377
Ion Ratio	Lower	Upper	
153	100		
152	53.9	35.4	53.0
154	99.0	69.5	104.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#53

2,4-Dinitrophenol

Concen: 3.610 ng/ul

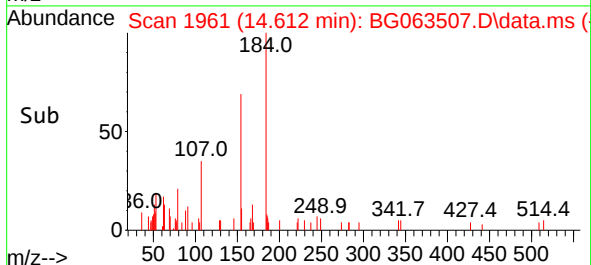
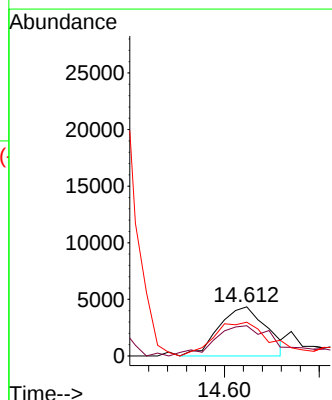
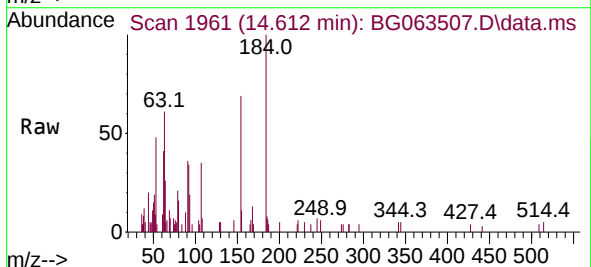
RT: 14.612 min Scan# 1961

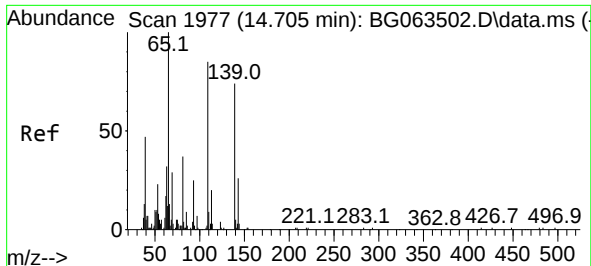
Delta R.T. 0.016 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

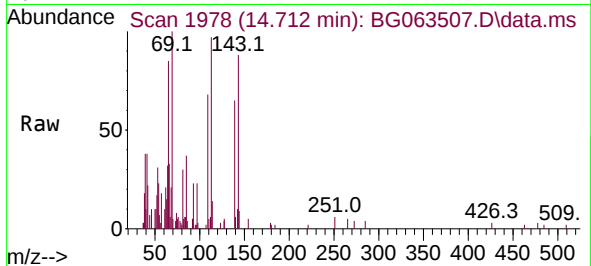
Tgt Ion:	184	Resp:	7560
Ion Ratio	Lower	Upper	
184	100		
63	61.4	54.6	82.0
154	68.6	54.6	82.0





#55
4-Nitrophenol
Concen: 3.582 ng/ul m
RT: 14.712 min Scan# 1977
Delta R.T. 0.010 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

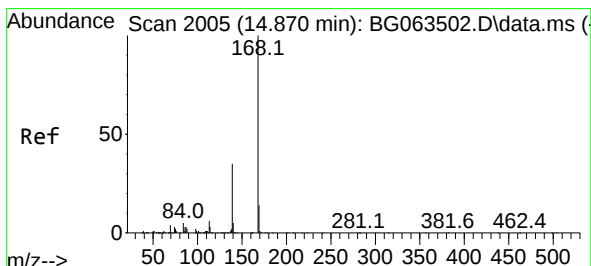
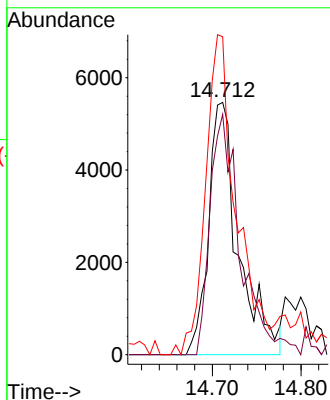
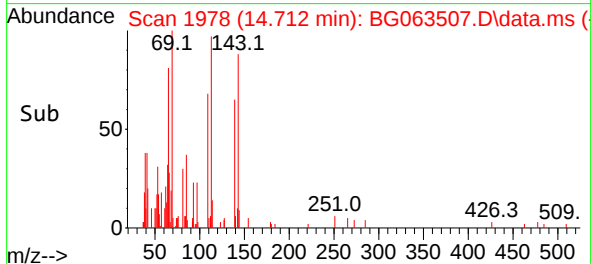
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:109 Resp: 1276
Ion Ratio Lower Upper
109 100
139 95.2 63.3 94.9
65 126.0 92.9 139.3

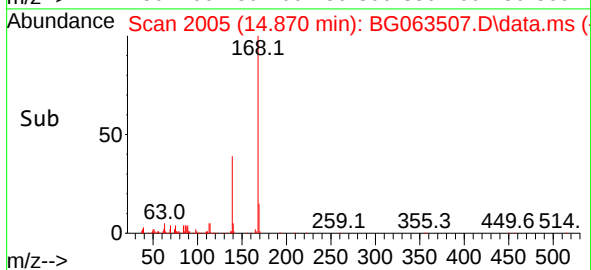
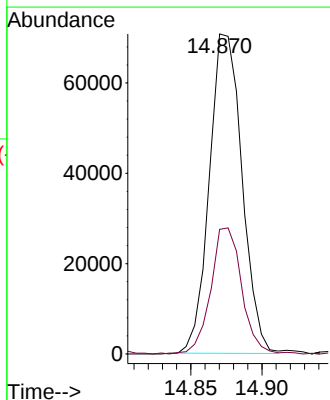
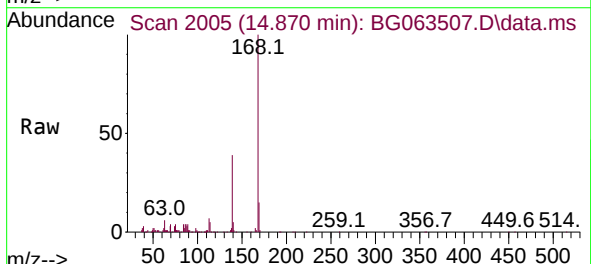
Manual Integrations
APPROVED

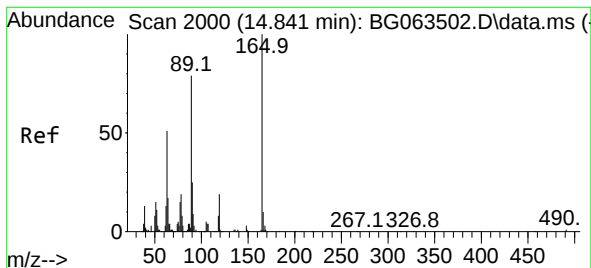
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#56
Dibenzofuran
Concen: 4.613 ng/ul
RT: 14.870 min Scan# 2005
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

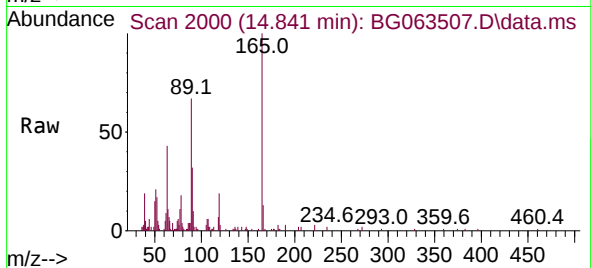
Tgt Ion:168 Resp: 113088
Ion Ratio Lower Upper
168 100
139 38.9 30.0 45.0





#57
2,4-Dinitrotoluene
Concen: 4.346 ng/ul
RT: 14.841 min Scan# 2000
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

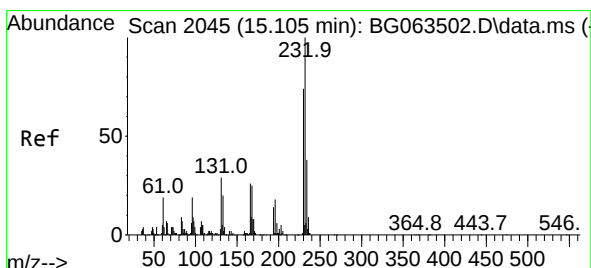
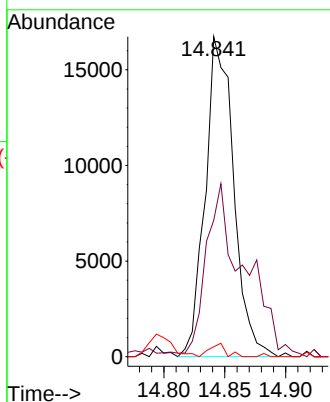
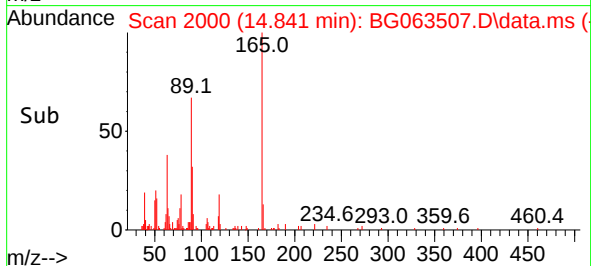
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion:165 Resp: 2712
Ion Ratio Lower Upper
165 100
63 42.6 40.0 60.0
182 3.1 2.6 4.0

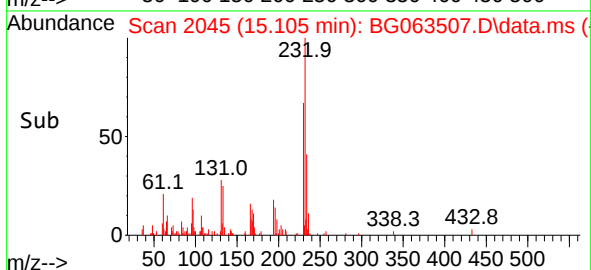
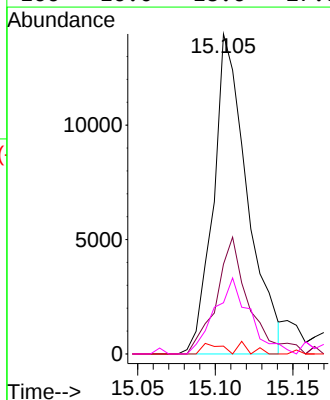
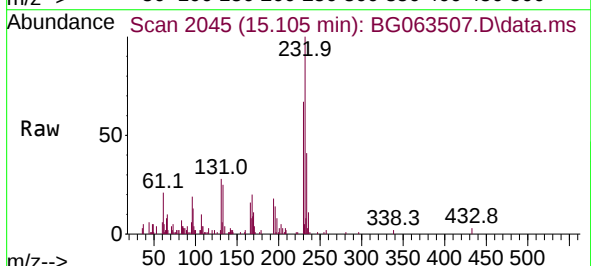
Manual Integrations
APPROVED

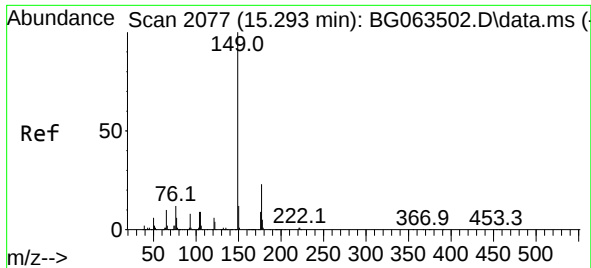
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.700 ng/ul
RT: 15.105 min Scan# 2045
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion:232 Resp: 21267
Ion Ratio Lower Upper
232 100
131 28.1 23.1 34.7
130 2.4 1.8 2.8
166 16.0 18.6 27.8#





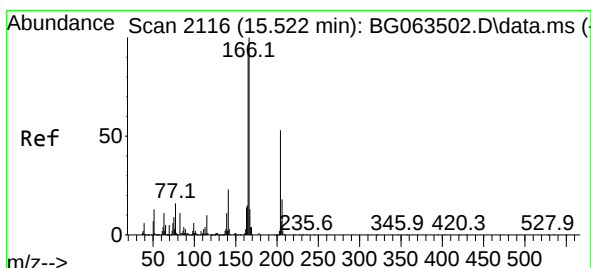
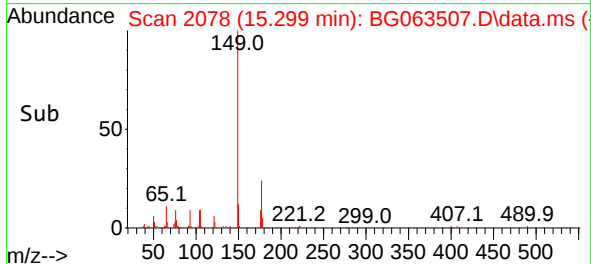
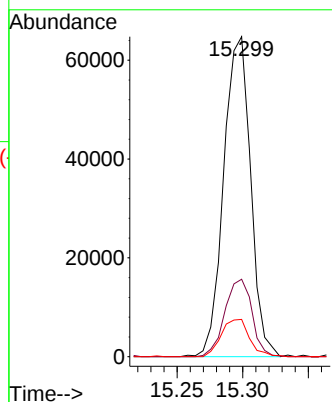
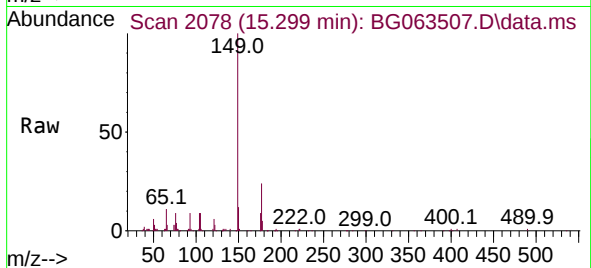
#59
Diethylphthalate
Concen: 4.552 ng/ul
RT: 15.299 min Scan# 2077
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-07

Tgt Ion:149 Resp: 9243
Ion Ratio Lower Upper
149 100
177 24.2 18.4 27.6
150 11.6 9.0 13.6

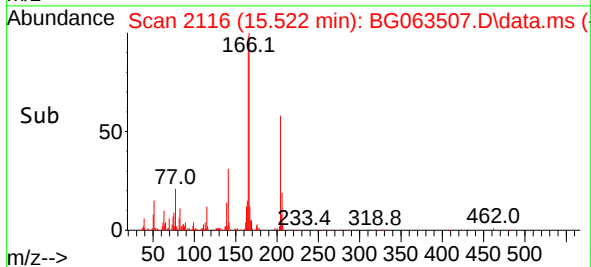
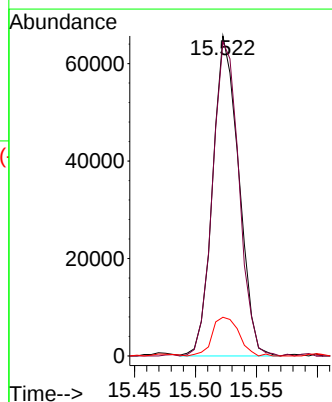
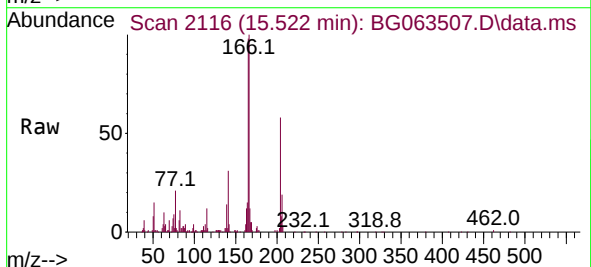
Manual Integrations
APPROVED

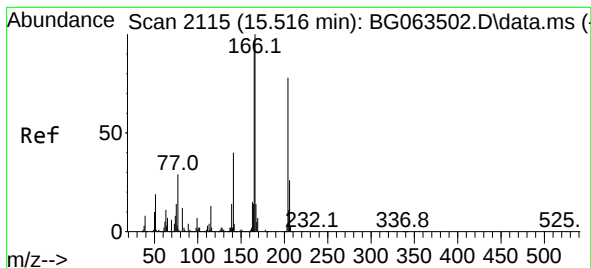
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#61
Fluorene
Concen: 4.680 ng/ul
RT: 15.522 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

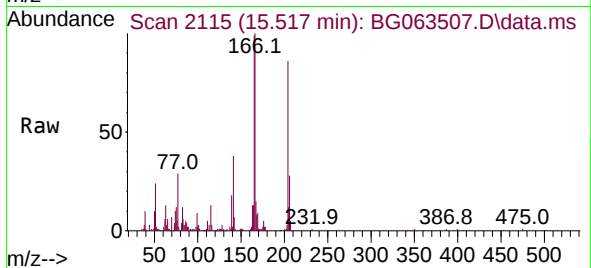
Tgt Ion:166 Resp: 97660
Ion Ratio Lower Upper
166 100
165 98.1 82.3 123.5
167 12.1 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 4.605 ng/ul
RT: 15.517 min Scan# 2115
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

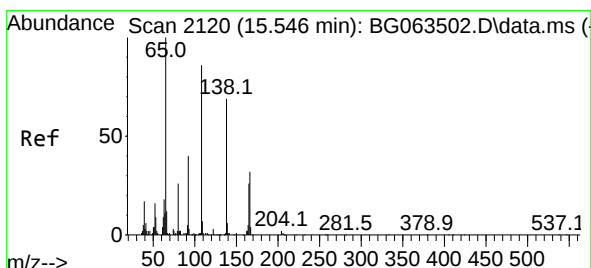
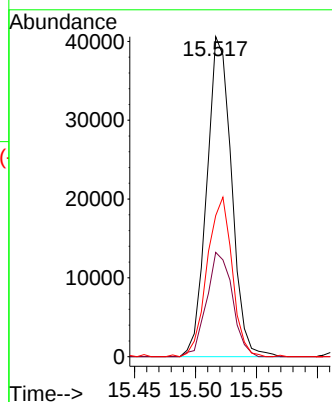
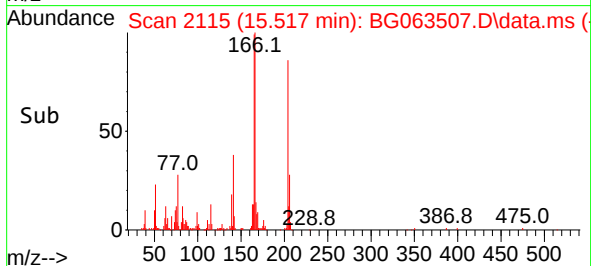
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion:204 Resp: 57340
Ion Ratio Lower Upper
204 100
206 32.6 24.5 36.7
141 44.1 39.2 58.8

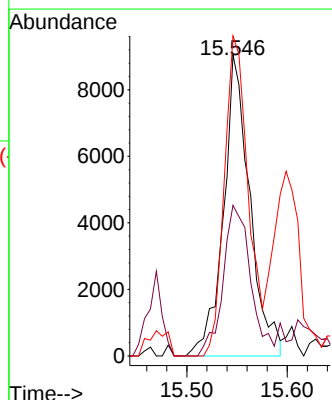
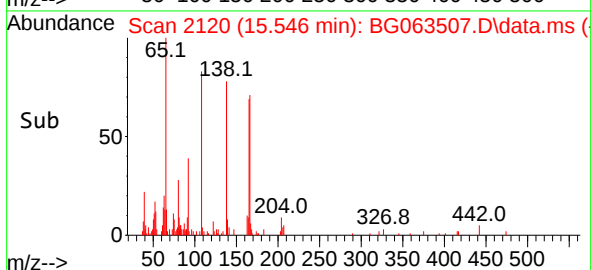
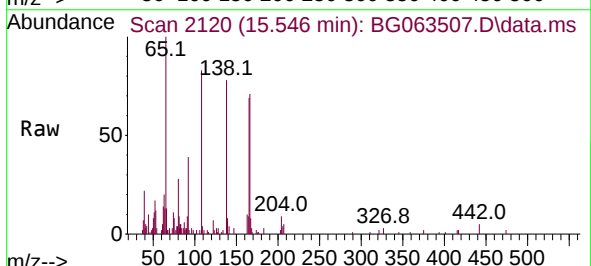
Manual Integrations
APPROVED

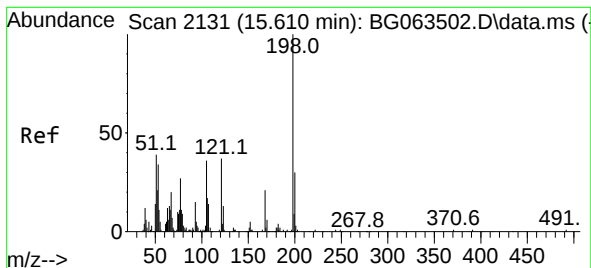
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#63
4-Nitroaniline
Concen: 4.323 ng/ul
RT: 15.546 min Scan# 2120
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

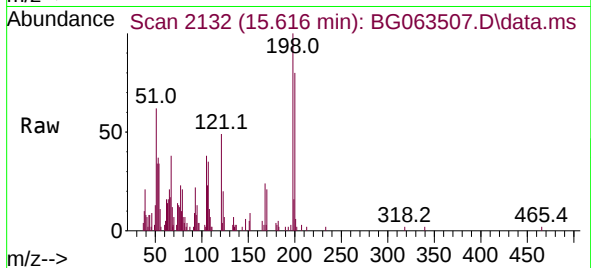
Tgt Ion:138 Resp: 16531
Ion Ratio Lower Upper
138 100
92 50.0 44.9 67.3
108 106.3 99.8 149.8





#66
4,6-Dinitro-2-methylphenol
Concen: 4.020 ng/ul
RT: 15.616 min Scan# 2131
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

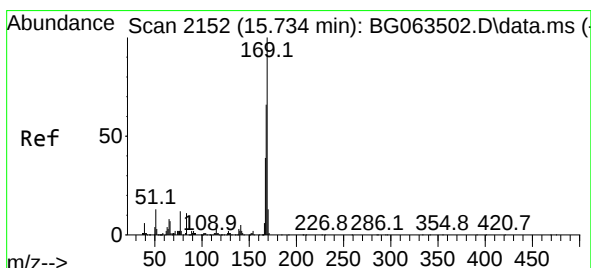
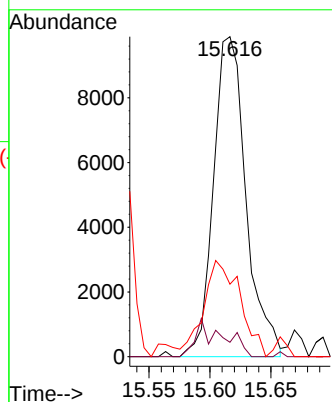
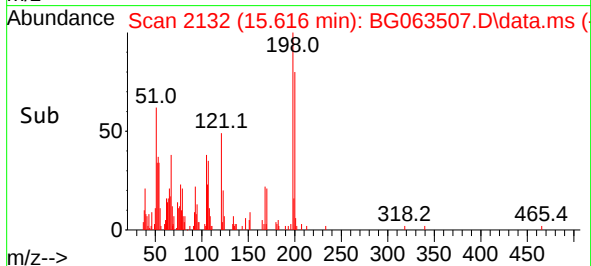
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:198 Resp: 1832
Ion Ratio Lower Upper
198 100
182 4.5 1.7 2.5
77 22.7 18.7 28.1

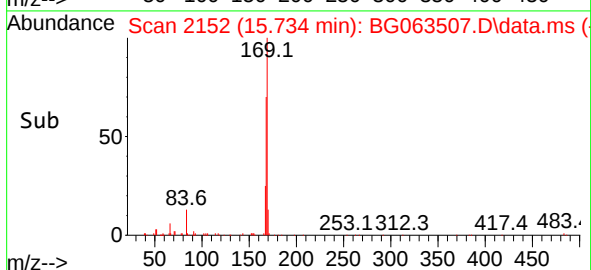
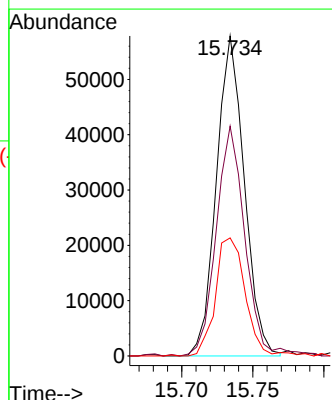
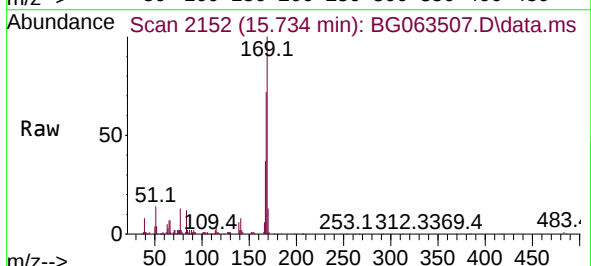
Manual Integrations
APPROVED

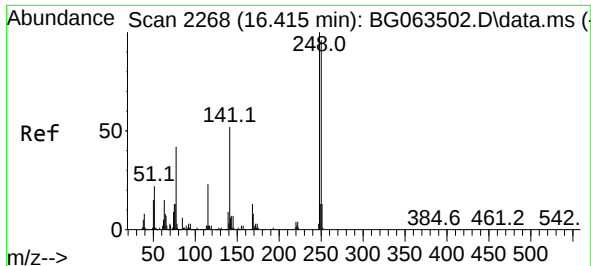
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#67
N-Nitrosodiphenylamine
Concen: 4.392 ng/ul
RT: 15.734 min Scan# 2152
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

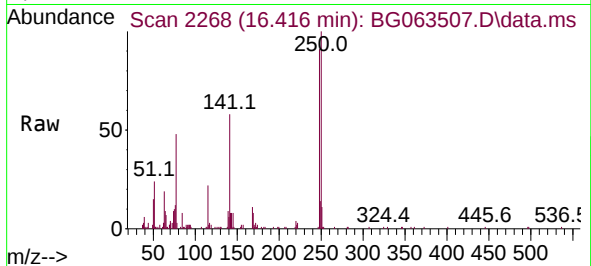
Tgt Ion:169 Resp: 79106
Ion Ratio Lower Upper
169 100
168 71.8 51.9 77.9
167 36.9 30.4 45.6





#68
4-Bromophenyl-phenylether
Concen: 4.371 ng/ul
RT: 16.416 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

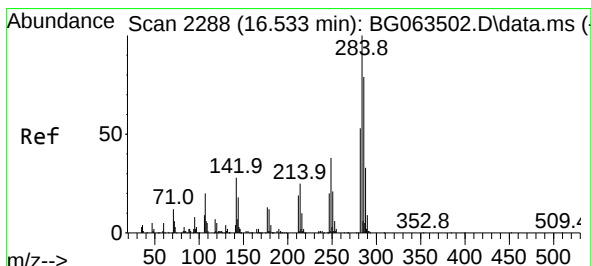
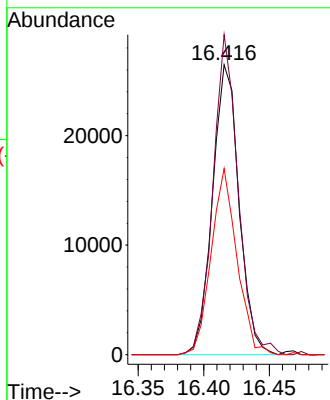
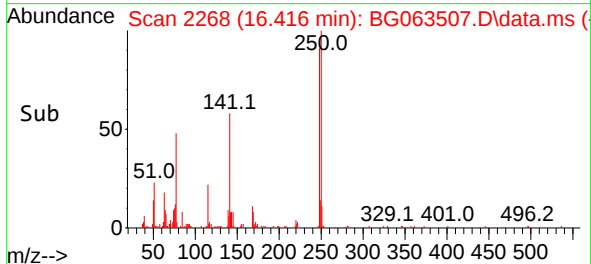
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:248 Resp: 37162
Ion Ratio Lower Upper
248 100
250 110.4 75.1 112.7
141 64.2 44.7 67.1

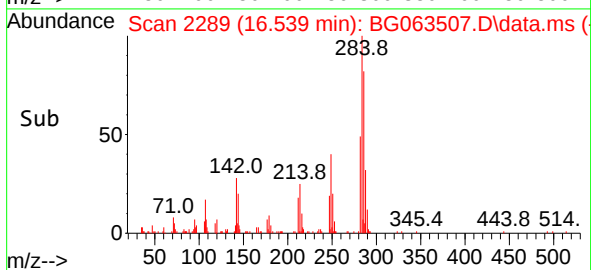
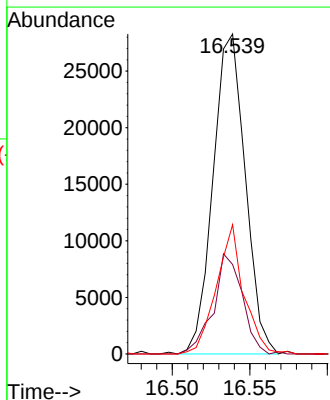
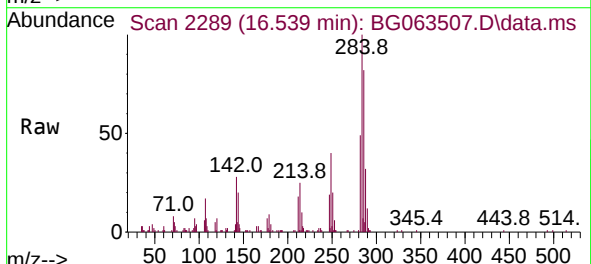
Manual Integrations
APPROVED

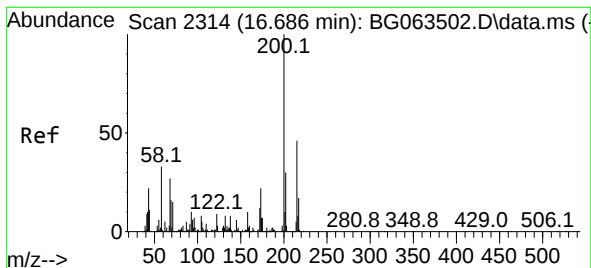
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#69
Hexachlorobenzene
Concen: 4.575 ng/ul
RT: 16.539 min Scan# 2289
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion:284 Resp: 40779
Ion Ratio Lower Upper
284 100
142 27.9 21.8 32.8
249 40.4 32.6 48.8





#70

Atrazine

Concen: 4.629 ng/ul

RT: 16.686 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

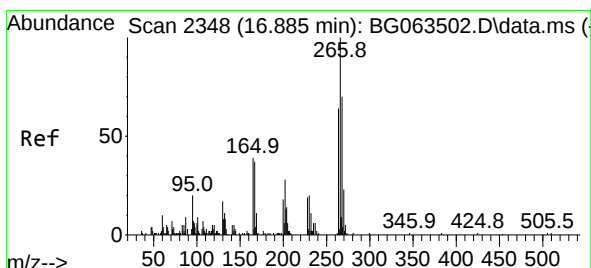
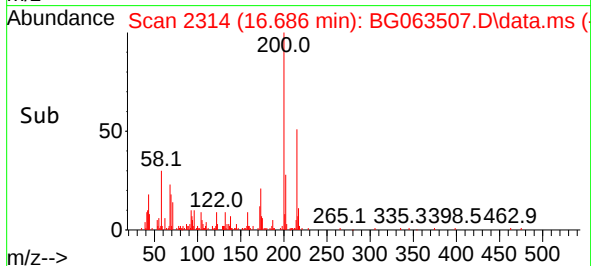
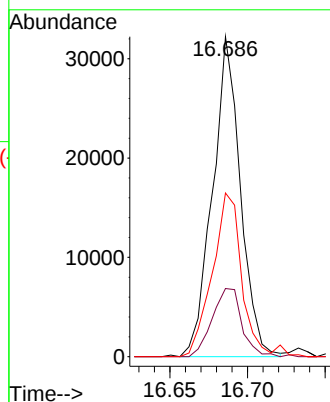
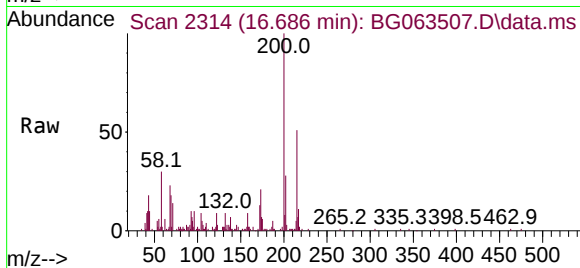
Tgt Ion:	200	Resp:	4028
Ion Ratio	Lower	Upper	
200	100		
173	21.3	17.2	25.8
215	51.2	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#71

Pentachlorophenol

Concen: 4.680 ng/ul m

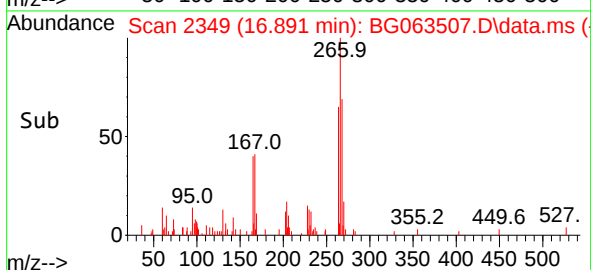
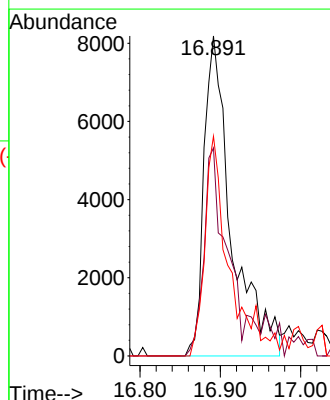
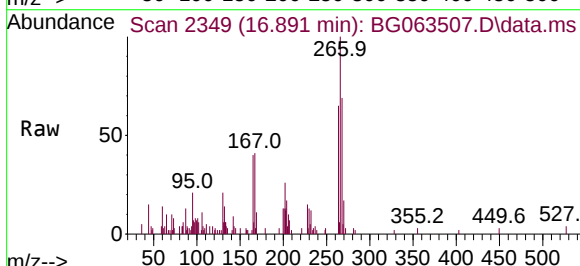
RT: 16.891 min Scan# 2349

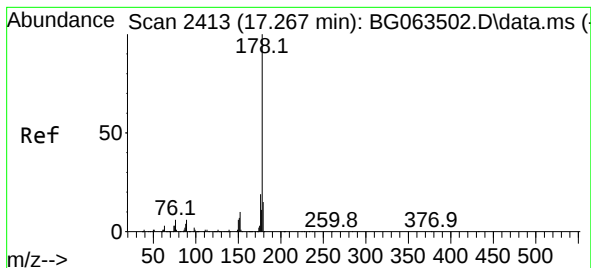
Delta R.T. 0.004 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Tgt Ion:	266	Resp:	19505
Ion Ratio	Lower	Upper	
266	100		
264	65.0	43.6	65.4
268	68.7	51.4	77.0





#72

Phenanthrene

Concen: 4.684 ng/ul

RT: 17.267 min Scan# 2413

Delta R.T. -0.001 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

Tgt Ion:178 Resp: 16940

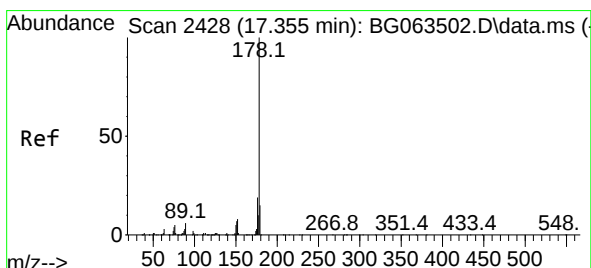
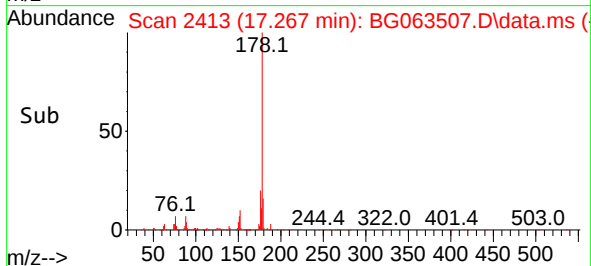
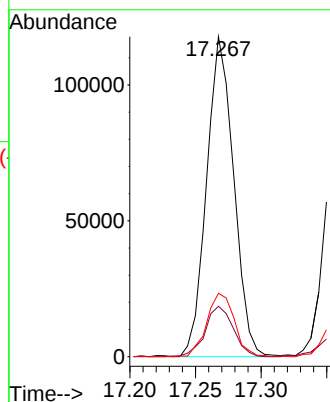
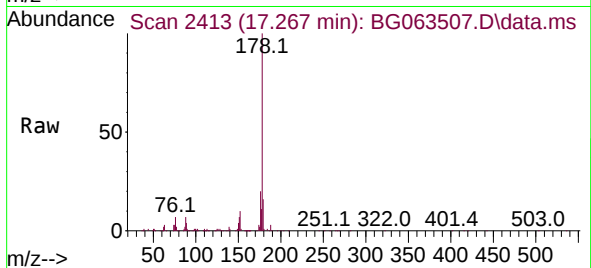
Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.4	17.0
176	19.8	14.6	22.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#74

Anthracene

Concen: 4.705 ng/ul m

RT: 17.361 min Scan# 2429

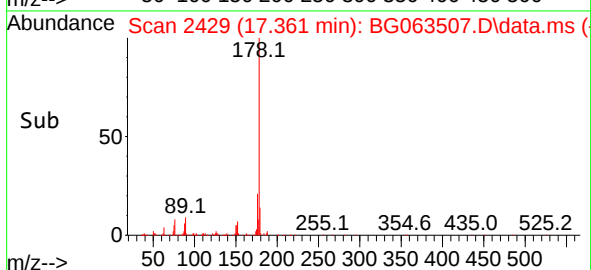
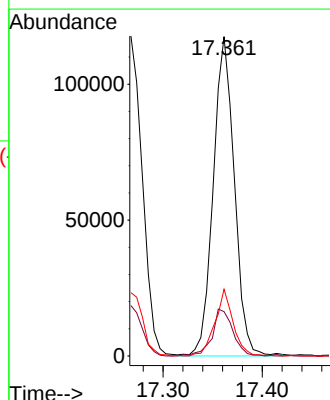
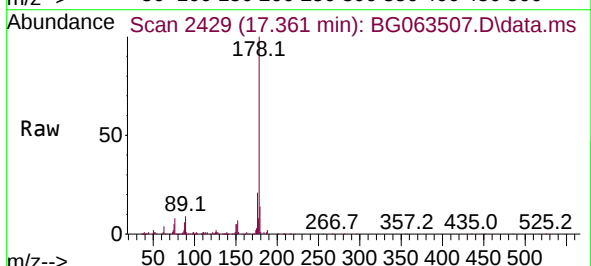
Delta R.T. 0.004 min

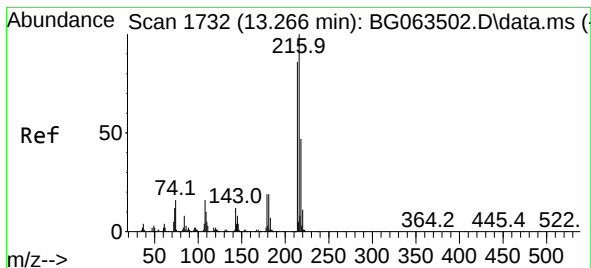
Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Tgt Ion:178 Resp: 173756

Ion	Ratio	Lower	Upper
178	100		
179	13.9	12.2	18.2
176	20.9	13.8	20.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.941 ng/ul

RT: 13.272 min Scan# 1733

Delta R.T. 0.004 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

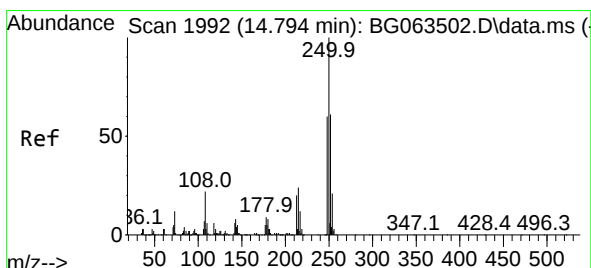
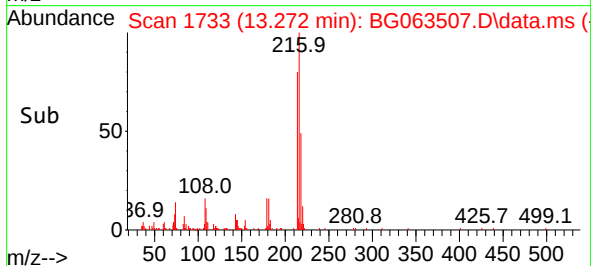
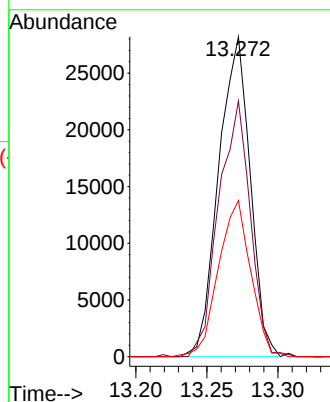
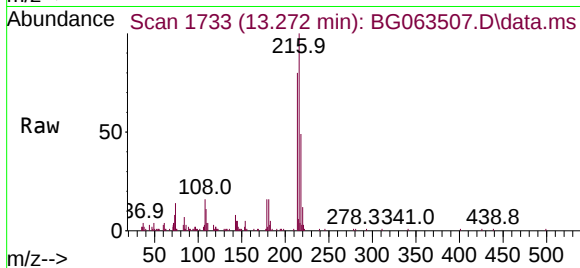
Tgt Ion:	216	Resp:	43500
Ion Ratio	Lower	Upper	
216	100		
214	79.9	69.0	103.4
218	48.8	40.9	61.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#76

Pentachlorobenzene

Concen: 3.970 ng/ul

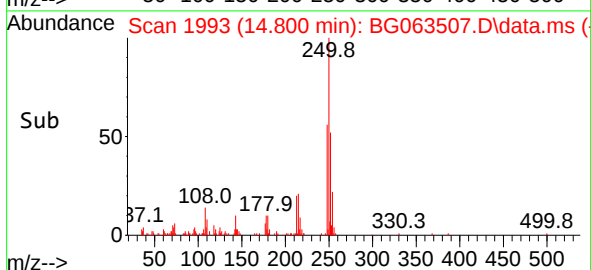
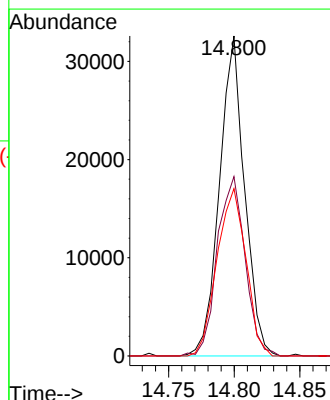
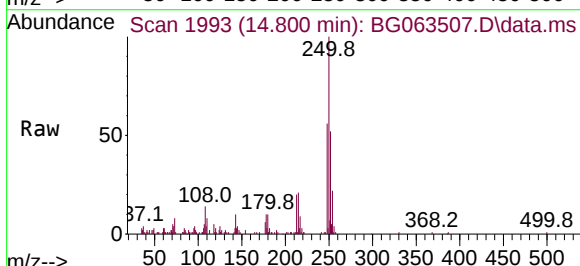
RT: 14.800 min Scan# 1993

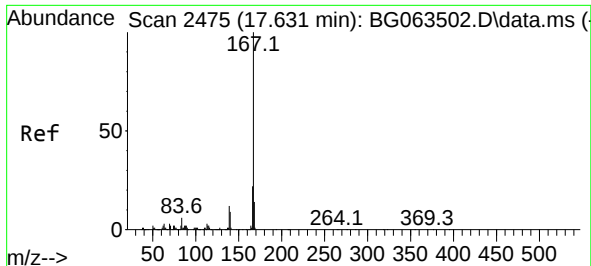
Delta R.T. 0.004 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

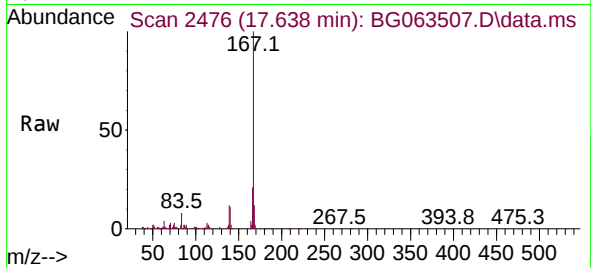
Tgt Ion:	250	Resp:	43274
Ion Ratio	Lower	Upper	
250	100		
248	56.0	49.2	73.8
252	52.3	47.2	70.8





#77
 Carbazole
 Concen: 4.648 ng/ul
 RT: 17.638 min Scan# 2476
 Delta R.T. 0.010 min
 Lab File: BG063507.D
 Acq: 21 Nov 2024 15:59

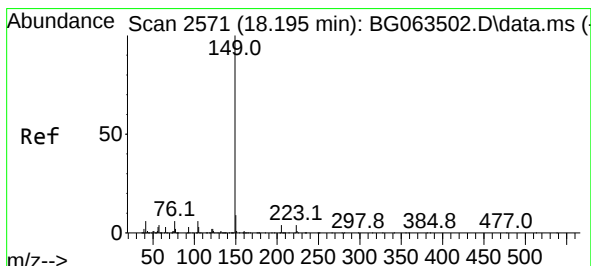
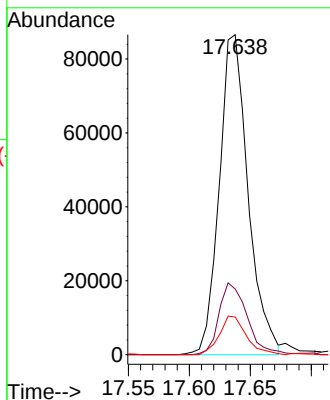
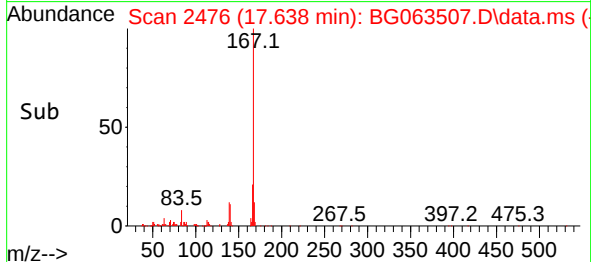
Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion:167 Resp: 14244
 Ion Ratio Lower Upper
 167 100
 166 20.5 18.0 27.0
 139 11.7 9.5 14.3

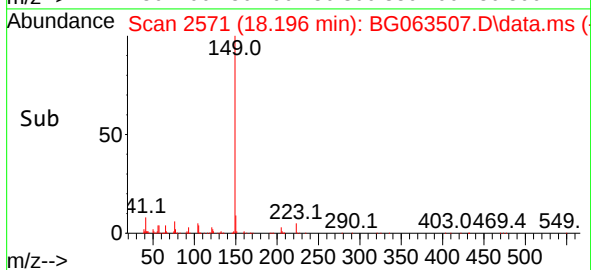
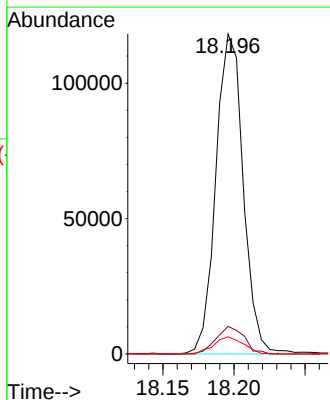
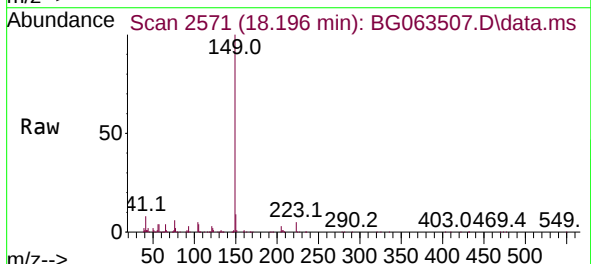
Manual Integrations
 APPROVED

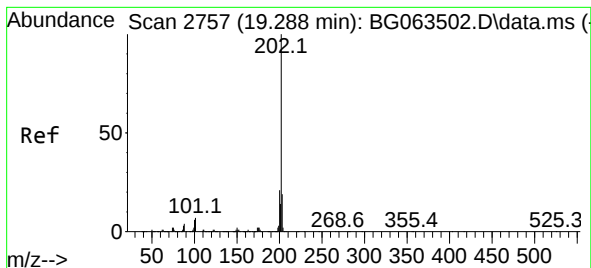
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#78
 Di-n-butylphthalate
 Concen: 4.487 ng/ul
 RT: 18.196 min Scan# 2571
 Delta R.T. 0.004 min
 Lab File: BG063507.D
 Acq: 21 Nov 2024 15:59

Tgt Ion:149 Resp: 157607
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 5.4 4.7 7.1





#80

Fluoranthene

Concen: 4.675 ng/uI

RT: 19.294 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG063507.D

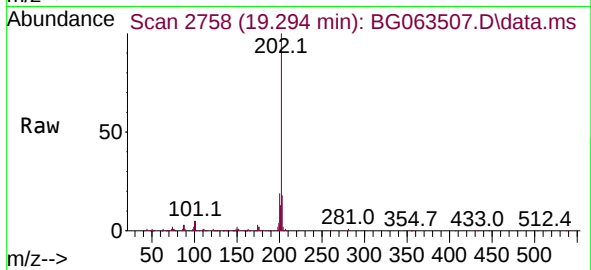
Acq: 21 Nov 2024 15:59

Instrument :

BNL_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07



Tgt Ion:202 Resp: 22411

Ion Ratio Lower Upper

202 100

101 5.5 5.7 8.5

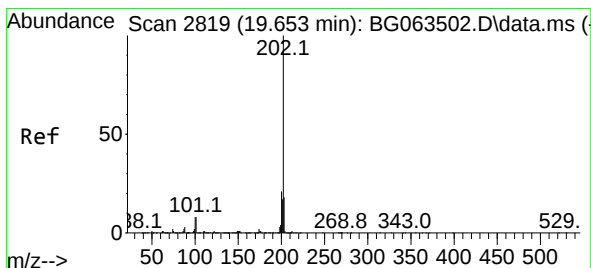
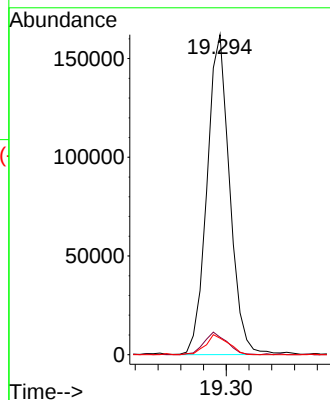
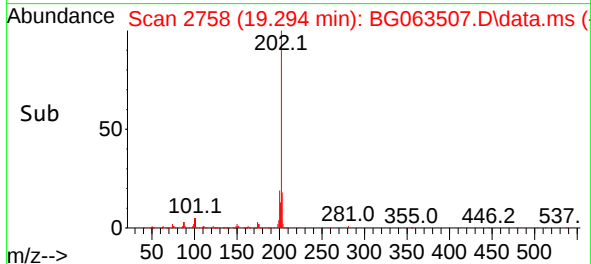
100 5.2 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#82

Pyrene

Concen: 4.681 ng/uI

RT: 19.653 min Scan# 2819

Delta R.T. -0.001 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

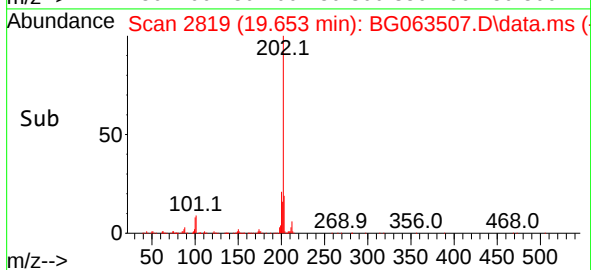
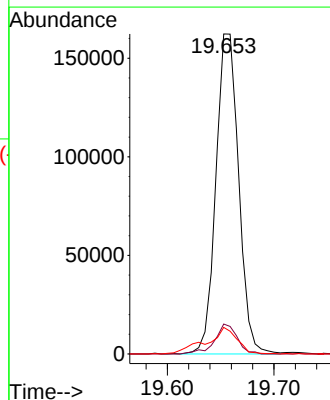
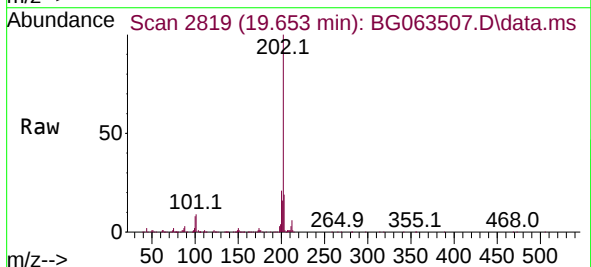
Tgt Ion:202 Resp: 240451

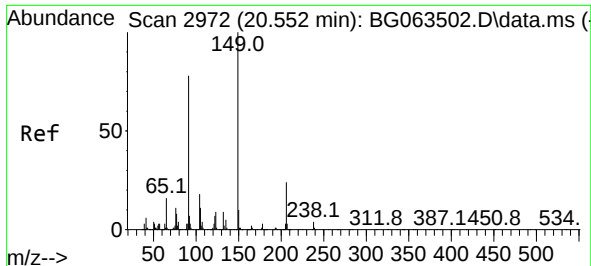
Ion Ratio Lower Upper

202 100

101 9.3 6.2 9.2#

100 8.3 6.2 9.2





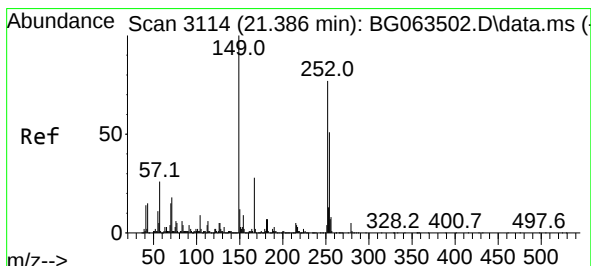
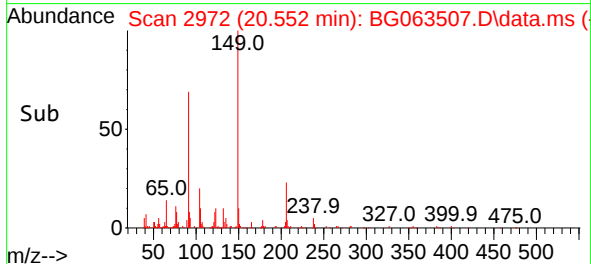
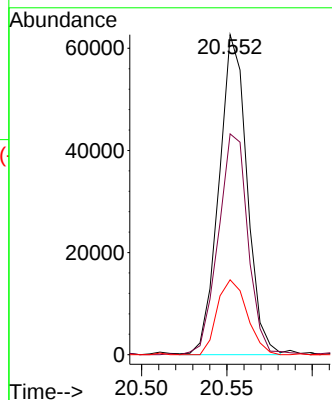
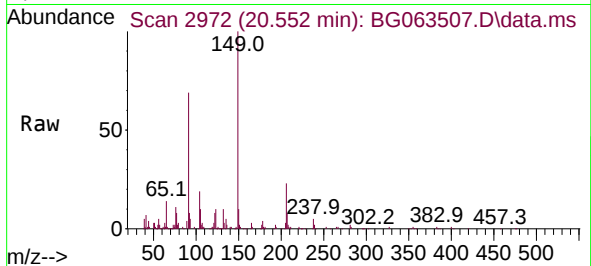
#83
Butylbenzylphthalate
Concen: 4.302 ng/ul
RT: 20.552 min Scan# 2972
Delta R.T. 0.004 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:	149	Resp:	71720
Ion Ratio	Lower	Upper	
149	100		
91	69.0	63.0	94.4
206	23.4	19.4	29.2

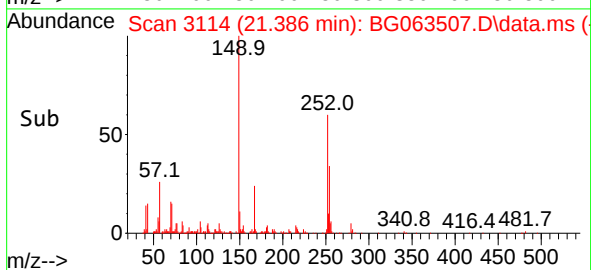
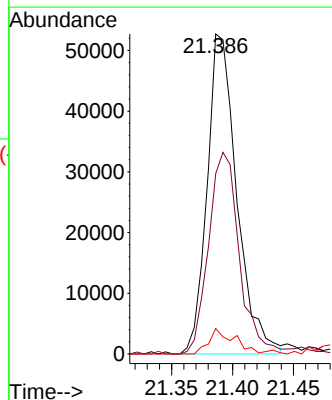
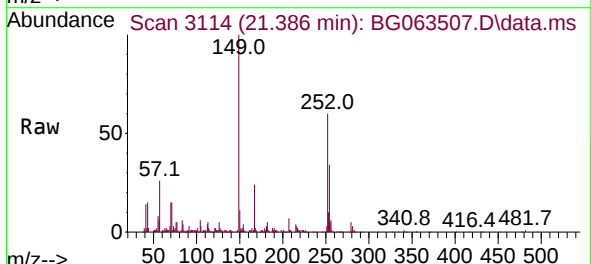
Manual Integrations
APPROVED

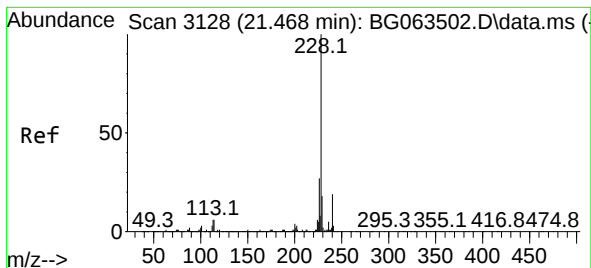
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#84
3,3'-Dichlorobenzidine
Concen: 4.811 ng/ul
RT: 21.386 min Scan# 3114
Delta R.T. -0.001 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

Tgt Ion:	252	Resp:	89383
Ion Ratio	Lower	Upper	
252	100		
254	56.3	51.8	77.8
126	7.9	5.5	8.3





#85

Benzo(a)anthracene

Concen: 4.790 ng/ul

RT: 21.468 min Scan# 3128

Delta R.T. 0.004 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

Tgt Ion:228 Resp: 26788

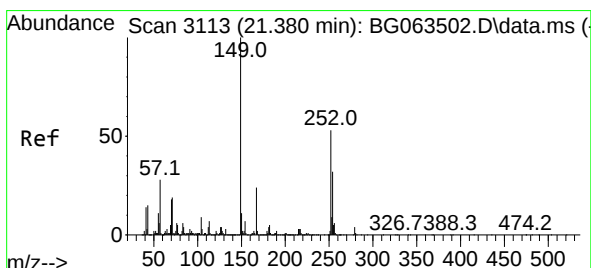
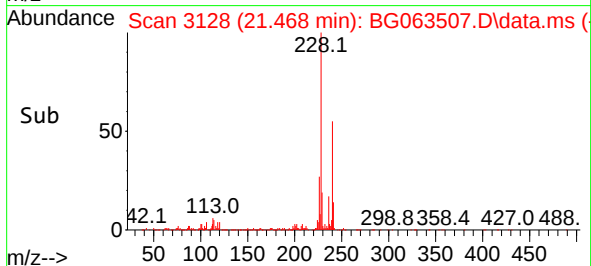
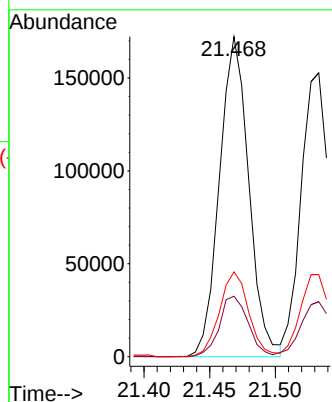
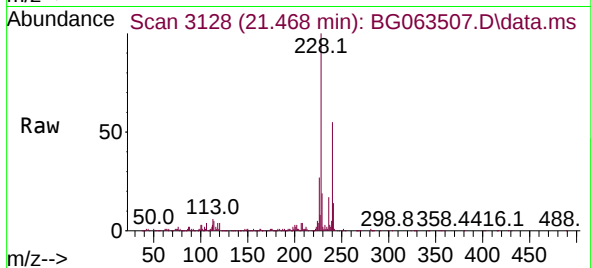
Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.8	23.6
226	26.5	21.8	32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.453 ng/ul

RT: 21.386 min Scan# 3114

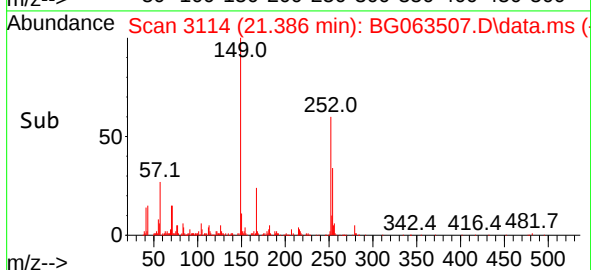
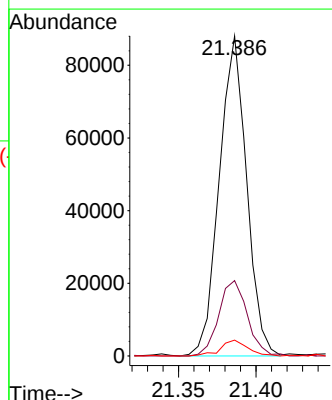
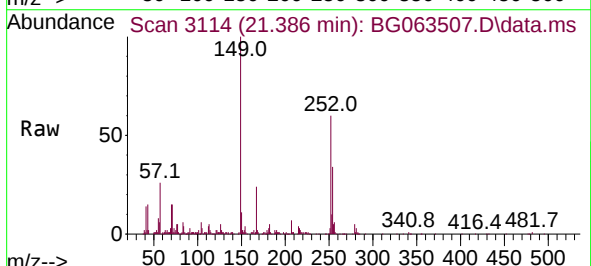
Delta R.T. 0.004 min

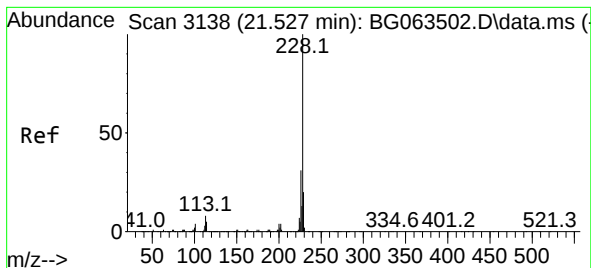
Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Tgt Ion:149 Resp: 107898

Ion	Ratio	Lower	Upper
149	100		
167	23.6	21.8	32.8
279	5.0	3.8	5.8





#87

Chrysene

Concen: 4.488 ng/ul

RT: 21.533 min Scan# 3138

Delta R.T. 0.004 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

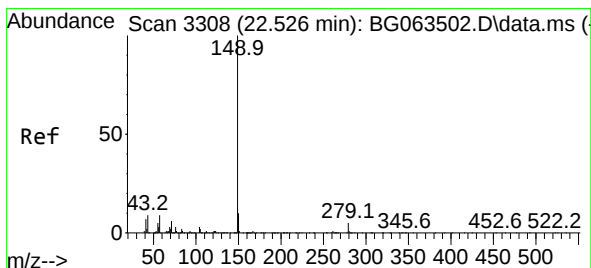
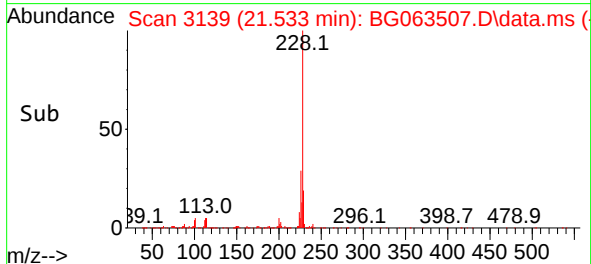
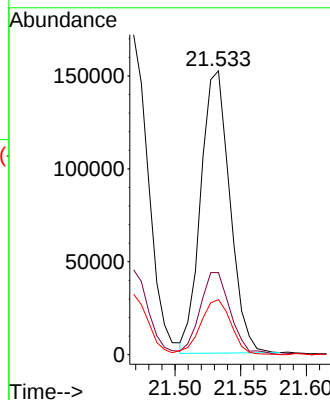
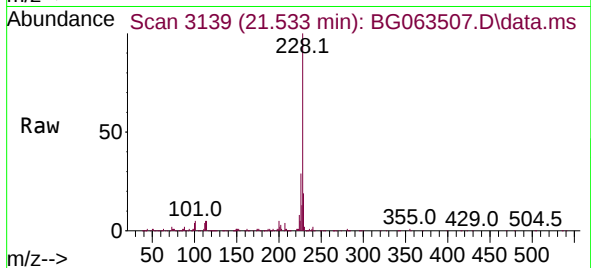
Tgt Ion:228 Resp: 234702
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.4 35.2
 229 19.4 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#89

Di-n-octyl phthalate

Concen: 4.385 ng/ul

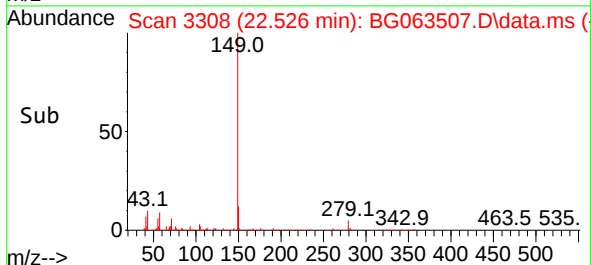
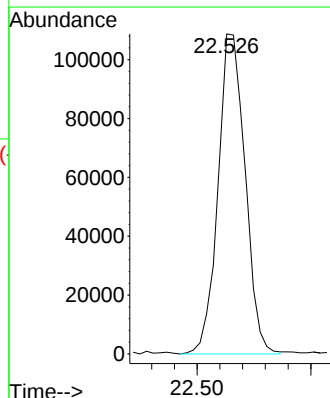
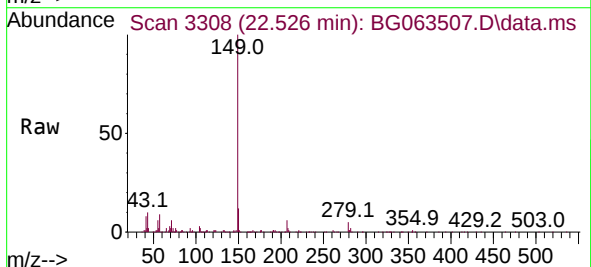
RT: 22.526 min Scan# 3308

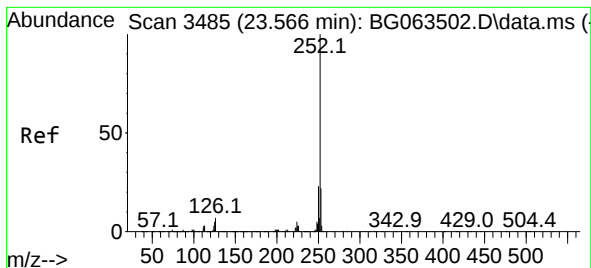
Delta R.T. -0.001 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Tgt Ion:149 Resp: 179789





#90

Benzo(b)fluoranthene

Concen: 4.620 ng/uI

RT: 23.566 min Scan# 3485

Delta R.T. 0.004 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

Tgt Ion:252 Resp: 256270

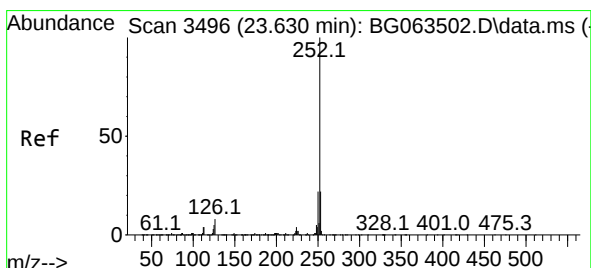
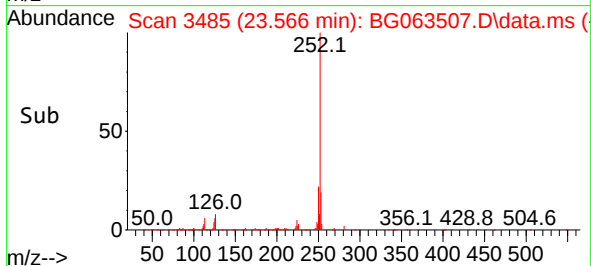
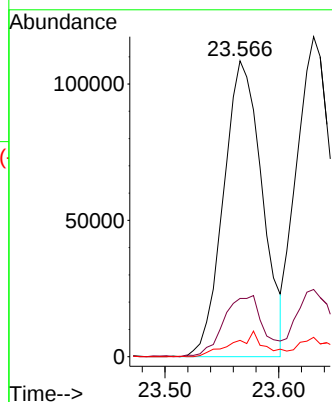
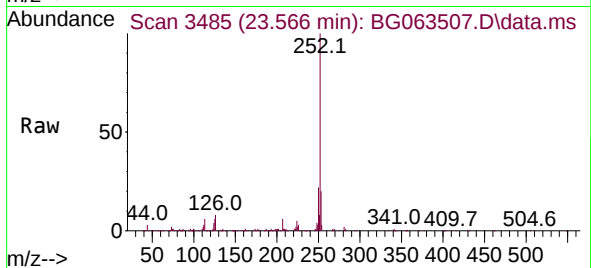
Ion	Ratio	Lower	Upper
252	100		
253	19.7	17.8	26.6
125	5.5	3.8	5.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#91

Benzo(k)fluoranthene

Concen: 4.670 ng/uI

RT: 23.631 min Scan# 3496

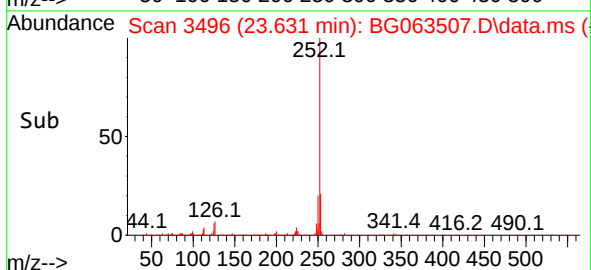
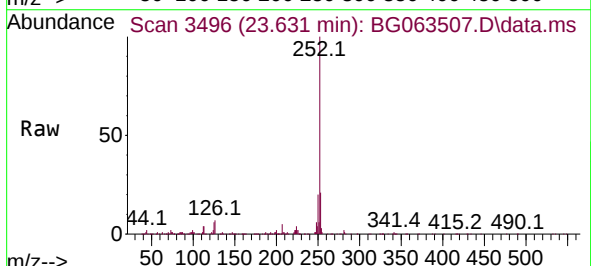
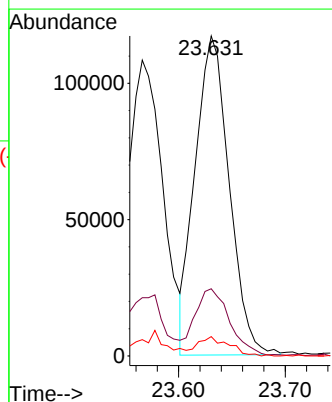
Delta R.T. 0.004 min

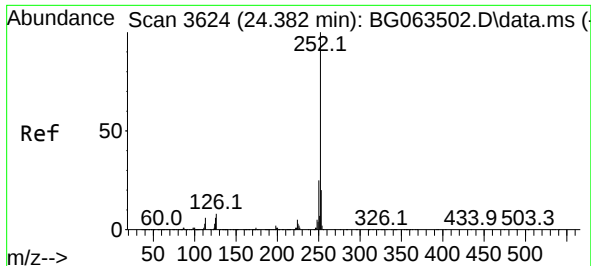
Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Tgt Ion:252 Resp: 259982

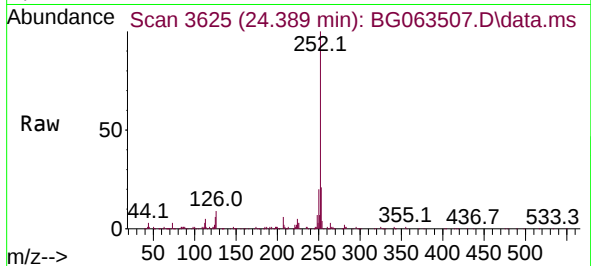
Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	6.0	4.3	6.5





#93
Benzo(a)pyrene
Concen: 4.376 ng/ul
RT: 24.389 min Scan# 3625
Delta R.T. 0.010 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59

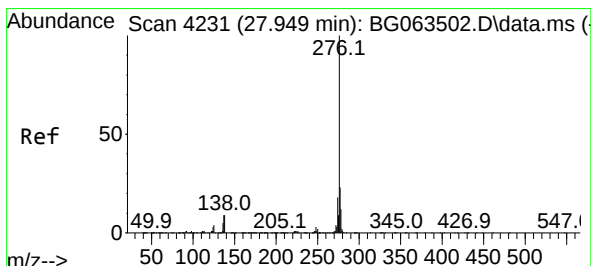
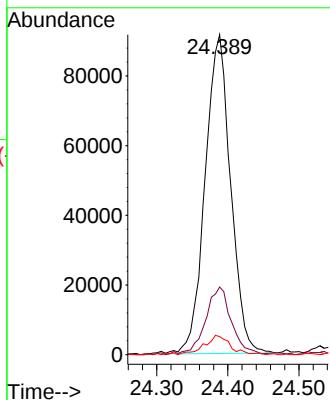
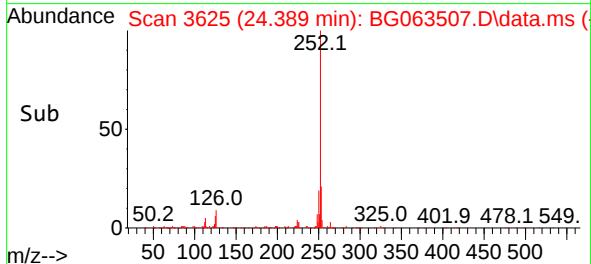
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



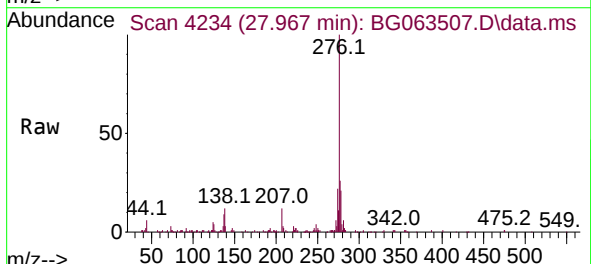
Tgt Ion:252 Resp: 227210
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 5.7 4.2 6.4

Manual Integrations
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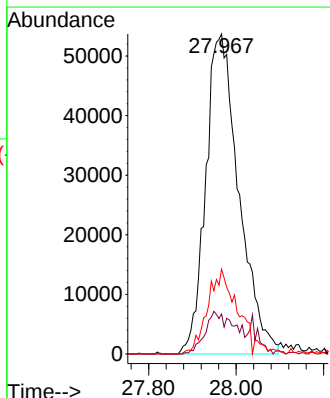
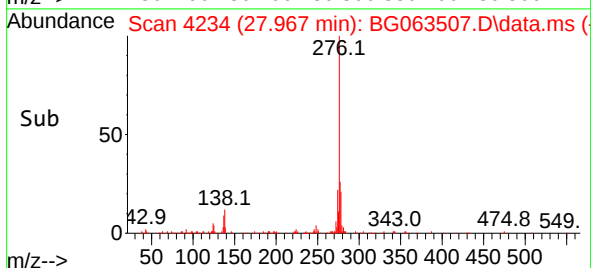
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

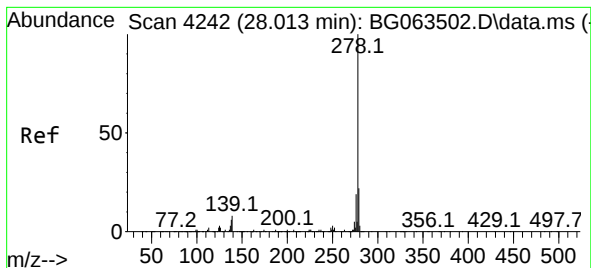


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.385 ng/ul
RT: 27.967 min Scan# 4234
Delta R.T. 0.016 min
Lab File: BG063507.D
Acq: 21 Nov 2024 15:59



Tgt Ion:276 Resp: 282374
Ion Ratio Lower Upper
276 100
138 15.2 9.4 14.2#
277 26.5 19.4 29.0





#95

Dibenzo(a,h)anthracene

Concen: 4.583 ng/ul m

RT: 28.025 min Scan# 41

Delta R.T. 0.022 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

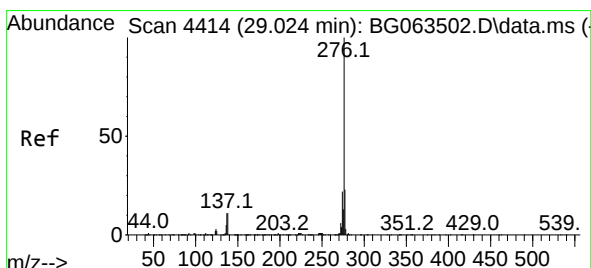
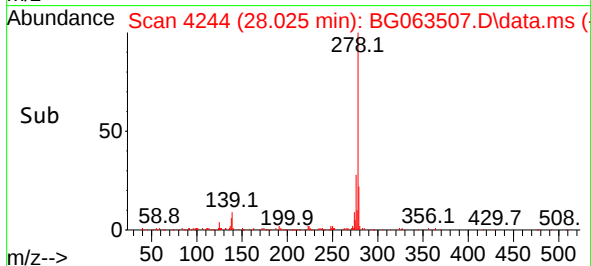
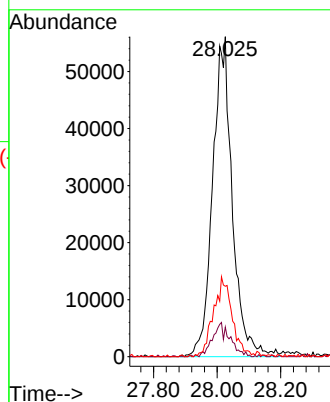
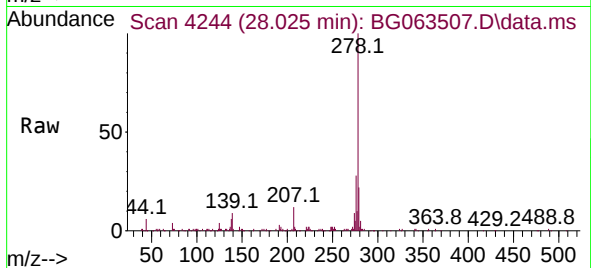
Tgt Ion:278 Resp: 241288
 Ion Ratio Lower Upper
 278 100
 139 9.2 6.3 9.5
 279 22.0 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#96

Benzo(g,h,i)perylene

Concen: 4.366 ng/ul

RT: 29.042 min Scan# 4417

Delta R.T. 0.028 min

Lab File: BG063507.D

Acq: 21 Nov 2024 15:59

Tgt Ion:276 Resp: 213199
 Ion Ratio Lower Upper
 276 100
 138 9.6 9.4 14.2
 277 20.3 18.2 27.4

