

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103023\
 Data File : BG059549.D
 Acq On : 30 Oct 2023 17:21
 Operator : MA/JU
 Sample : 04696-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-07

Quant Time: Oct 31 04:57:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/01/2023
 Supervised By :mohammad ahmed 11/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	69798	20.000	ng/u1	0.00
20) Naphthalene-d8	11.207	136	315612	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.991	164	202804	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.741	188	636102m	20.000	ng/u1	0.00
79) Chrysene-d12	22.077	240	516507	20.000	ng/u1	0.00
88) Perylene-d12	25.691	264	539476	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	10241	5.490	ng/uL	0.00
4) Pyridine-d5	4.092	84	149440	28.666	ng/u1	0.00
7) Phenol-d5	7.471	99	164071	22.875	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	75496	22.916	ng/u1	0.00
11) 2-Chlorophenol-d4	7.870	132	129960	22.334	ng/u1	0.00
15) 4-Methylphenol-d8	9.039	113	132978	23.369	ng/u1	0.00
21) Nitrobenzene-d5	9.562	128	64549	28.764	ng/u1	0.00
24) 2-Nitrophenol-d4	10.279	143	65562	28.458	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.802	165	118680	23.382	ng/u1	0.00
31) 4-Chloroaniline-d4	11.348	131	191490	22.918	ng/u1	0.00
46) Dimethylphthalate-d6	14.386	166	377121	20.525	ng/u1	0.00
49) Acenaphthylene-d8	14.692	160	467787	21.694	ng/u1	0.00
54) 4-Nitrophenol-d4	15.156	143	79556	25.249	ng/u1	0.00
60) Fluorene-d10	15.978	176	334305	21.290	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.078	200	47992	15.932	ng/u1	0.00
73) Anthracene-d10	17.841	188	730680	21.203	ng/u1	0.00
81) Pyrene-d10	20.109	212	807766	22.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.444	264	732045	23.044	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.687	88	2158	1.034	ng/uL#	77
5) Pyridine	4.110	79	23696	4.608	ng/u1#	77
6) Benzaldehyde	7.506	77	16108	4.986	ng/u1#	79
8) Phenol	7.494	94	25070	3.708	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.770	93	20096	4.053	ng/u1	96
12) 2-Chlorophenol	7.905	128	21719	3.765	ng/u1#	90
13) 2-Methylphenol	8.775	108	21281m	3.775	ng/u1	
14) 2,2'-oxybis(1-Chloropr...	8.875	45	15216m	3.261	ng/u1	
16) Acetophenone	9.198	105	35445	3.952	ng/u1#	77
17) N-Nitroso-di-n-propyla...	9.163	70	14132	3.344	ng/u1#	88
18) 4-Methylphenol	9.104	108	22644	3.775	ng/u1	98
19) Hexachloroethane	9.445	117	8467	3.695	ng/u1#	92
22) Nitrobenzene	9.598	77	23577	4.867	ng/u1#	91
23) Isophorone	10.109	82	42136	3.454	ng/u1#	84
25) 2-Nitrophenol	10.309	139	11546	4.660	ng/u1#	91
26) 2,4-Dimethylphenol	10.326	107	23270	3.571	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.596	93	22996	3.386	ng/u1#	89
29) 2,4-Dichlorophenol	10.826	162	21389	4.356	ng/u1#	78
30) Naphthalene	11.260	128	77549	3.942	ng/u1#	96
32) 4-Chloroaniline	11.372	127	28747	3.622	ng/u1	89
33) Hexachlorobutadiene	11.495	225	10769	3.656	ng/u1#	89
34) Caprolactam	12.136	113	7595m	4.228	ng/u1	
35) 4-Chloro-3-methylphenol	12.441	107	25155	4.293	ng/u1#	70
36) 2-Methylnaphthalene	12.835	142	49968	3.692	ng/u1	95

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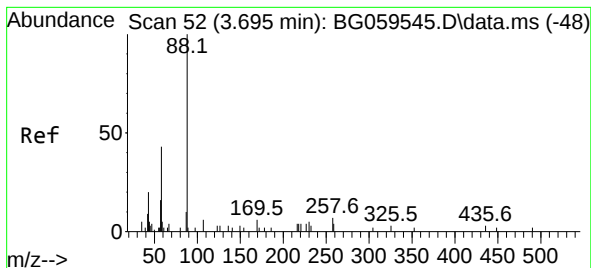
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.058	142	50520	3.748	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.176	216	19539	3.340	ng/ul#	93
40) Hexachlorocyclopentadiene	13.135	237	12216	3.583	ng/ul#	81
41) 2,4,6-Trichlorophenol	13.417	196	15484	3.823	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.481	196	16127	3.678	ng/ul	98
43) 1,1'-Biphenyl	13.828	154	63249	3.447	ng/ul	97
44) 2-Chloronaphthalene	13.875	162	50131	3.516	ng/ul#	86
45) 2-Nitroaniline	14.092	65	10592	3.992	ng/ul	97
47) Dimethylphthalate	14.433	163	62595	3.448	ng/ul#	98
48) 2,6-Dinitrotoluene	14.574	165	9244	3.376	ng/ul#	93
50) Acenaphthylene	14.721	152	89163	3.589	ng/ul	96
51) 3-Nitroaniline	14.903	138	13943	4.085	ng/ul#	84
52) Acenaphthene	15.050	153	57518	3.552	ng/ul	95
53) 2,4-Dinitrophenol	15.097	184	6776	4.355	ng/ul	92
55) 4-Nitrophenol	15.168	109	16267	4.685	ng/ul	87
56) Dibenzofuran	15.385	168	77553	3.694	ng/ul	94
57) 2,4-Dinitrotoluene	15.338	165	15885	4.124	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.585	232	13485	3.918	ng/ul	97
59) Diethylphthalate	15.779	149	69532	3.511	ng/ul	99
61) Fluorene	16.031	166	62603	3.454	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.014	204	28597	3.692	ng/ul	90
63) 4-Nitroaniline	16.066	138	15517	4.284	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	16.090	198	10285m	3.240	ng/ul	
67) N-Nitrosodiphenylamine	16.231	169	57995	2.668	ng/ul	93
68) 4-Bromophenyl-phenylether	16.918	248	17250m	2.710	ng/ul	
69) Hexachlorobenzene	17.001	284	20978	2.852	ng/ul#	83
70) Atrazine	17.165	200	23589m	3.502	ng/ul	
71) Pentachlorophenol	17.359	266	17914m	4.263	ng/ul	
72) Phenanthrene	17.782	178	149241	3.609	ng/ul	94
74) Anthracene	17.876	178	147761	3.539	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.781	216	20117	2.375	ng/uL	88
76) Pentachlorobenzene	15.279	250	21656m	2.694	ng/uL	
77) Carbazole	18.146	167	134602	3.753	ng/ul	98
78) Di-n-butylphthalate	18.663	149	174749	3.546	ng/ul	99
80) Fluoranthene	19.774	202	165856	3.790	ng/ul#	95
82) Pyrene	20.138	202	168642	3.710	ng/ul	99
83) Butylbenzylphthalate	21.008	149	78925	3.844	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.971	252	59883	4.458	ng/ul#	79
85) Benzo(a)anthracene	22.059	228	153046	3.601	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.907	149	114701	3.744	ng/ul#	93
87) Chrysene	22.124	228	141545m	3.580	ng/ul	
89) Di-n-octyl phthalate	23.258	149	192962	4.085	ng/ul	100
90) Benzo(b)fluoranthene	24.515	252	146129	3.737	ng/ul	94
91) Benzo(k)fluoranthene	24.592	252	150180m	3.845	ng/ul	
93) Benzo(a)pyrene	25.514	252	134196	3.631	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	29.856	276	169334m	3.615	ng/ul	
95) Dibenzo(a,h)anthracene	29.974	278	143868m	3.718	ng/ul	
96) Benzo(g,h,i)perylene	31.196	276	137500m	3.586	ng/ul	

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



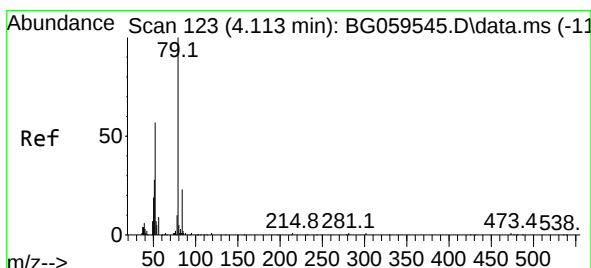
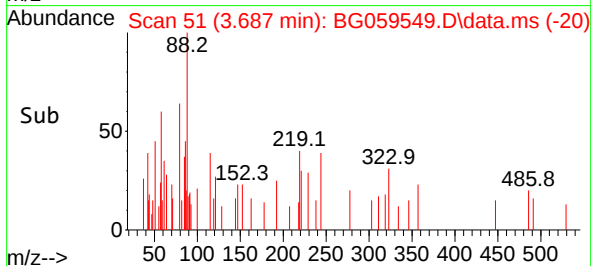
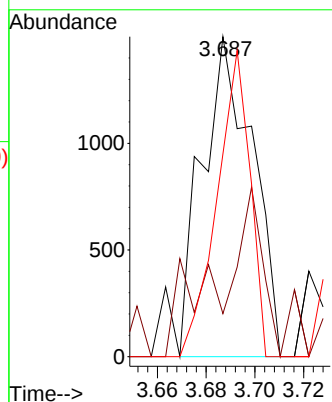
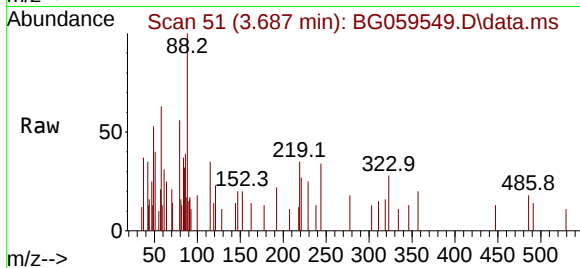
#2
1,4-Dioxane
Concen: 1.034 ng/uL
RT: 3.687 min Scan# 51
Delta R.T. -0.015 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion: 88 Resp: 2158
Ion Ratio Lower Upper
88 100
43 13.5 15.7 23.5
58 63.3 36.2 54.2

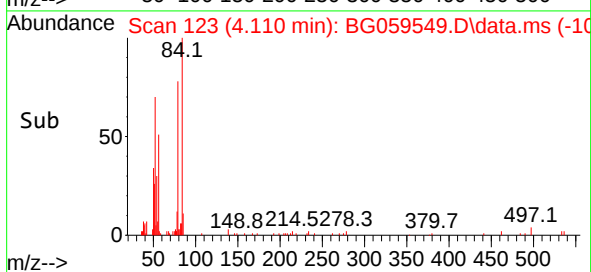
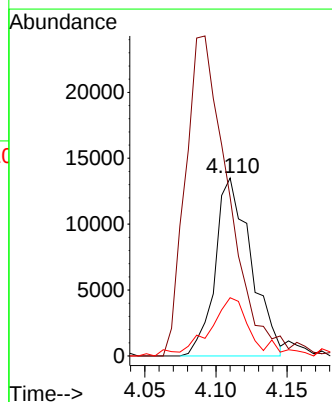
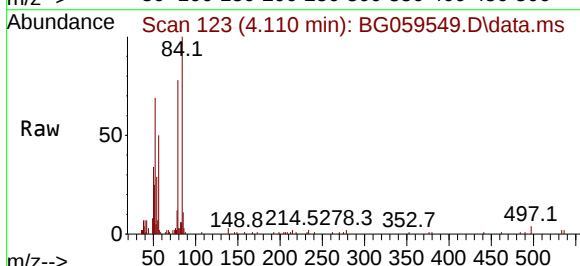
Manual Integrations
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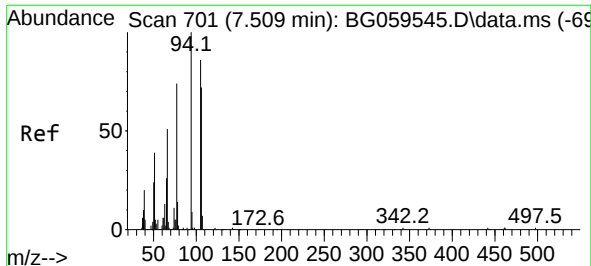
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#5
Pyridine
Concen: 4.608 ng/uL
RT: 4.110 min Scan# 123
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Tgt Ion: 79 Resp: 23696
Ion Ratio Lower Upper
79 100
52 89.2 53.3 79.9
51 32.7 22.4 33.6





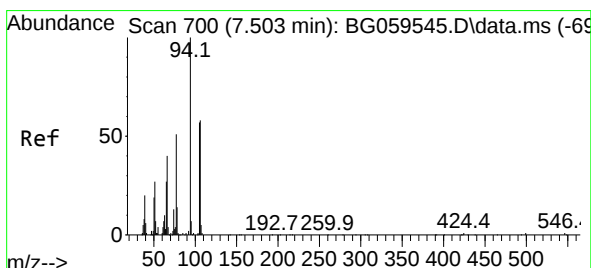
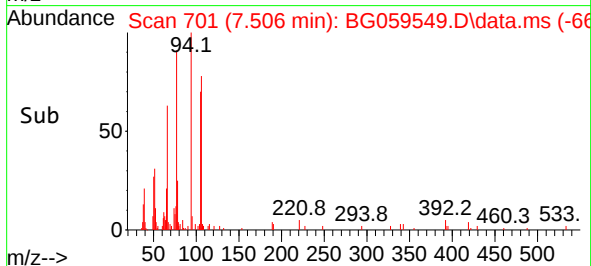
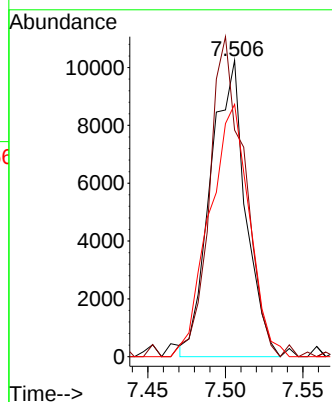
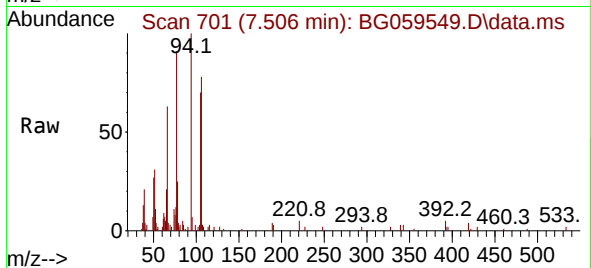
#6
Benzaldehyde
Concen: 4.986 ng/ul
RT: 7.506 min Scan# 701
Delta R.T. 0.002 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion: 77 Resp: 16108
Ion Ratio Lower Upper
77 100
105 76.4 83.6 125.4
106 85.2 78.6 118.0

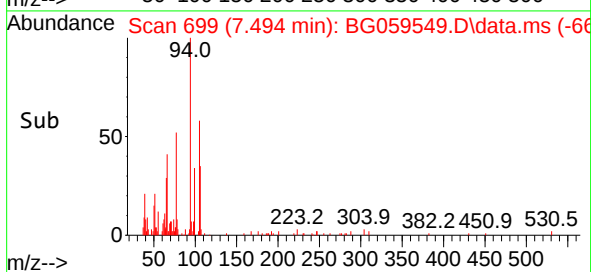
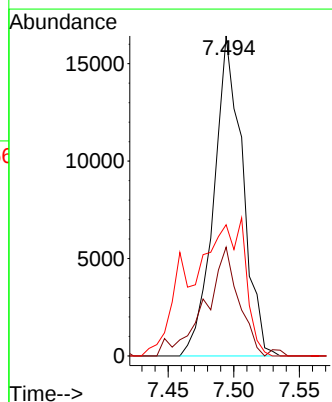
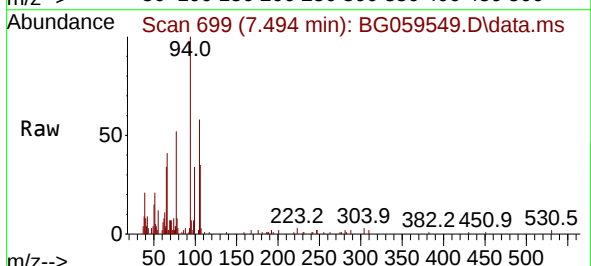
Manual Integrations
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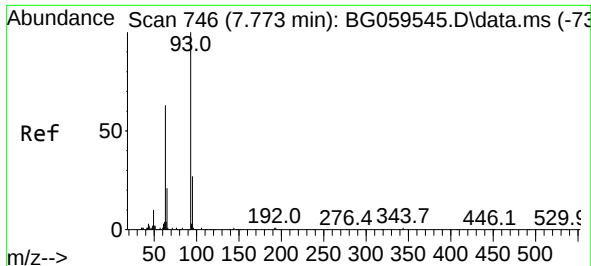
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#8
Phenol
Concen: 3.708 ng/ul
RT: 7.494 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Tgt Ion: 94 Resp: 25070
Ion Ratio Lower Upper
94 100
65 34.0 22.5 33.7
66 41.0 31.1 46.7





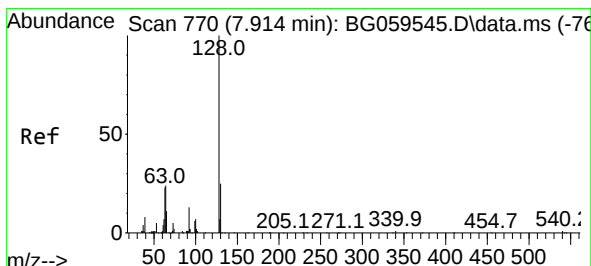
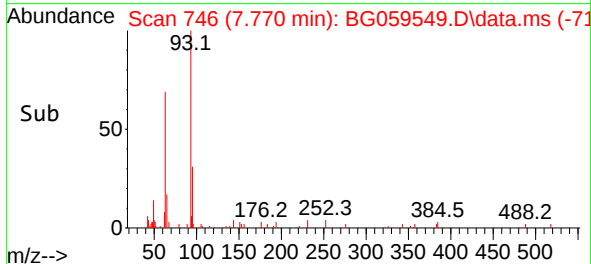
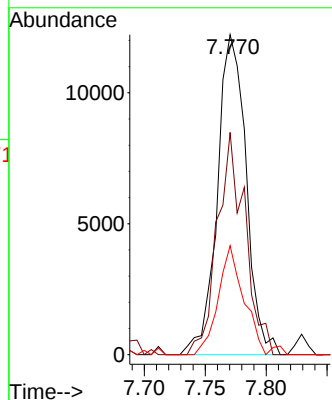
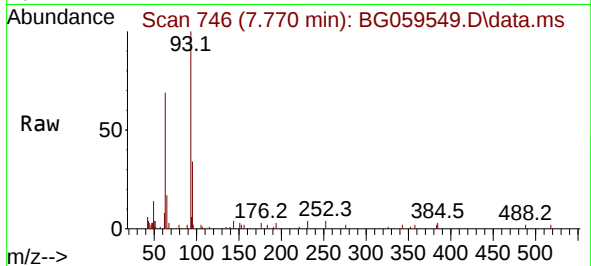
#10
Bis(2-Chloroethyl)ether
Concen: 4.053 ng/ul
RT: 7.770 min Scan# 746
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07

Tgt Ion: 93 Resp: 20090
Ion Ratio Lower Upper
93 100
63 69.4 52.5 78.7
95 34.0 26.5 39.7

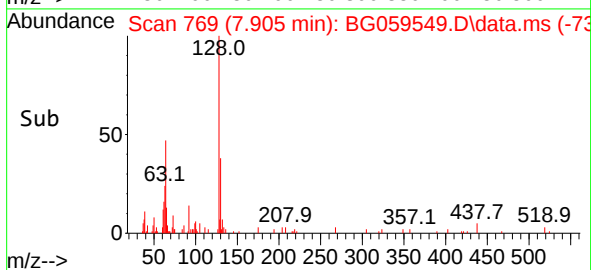
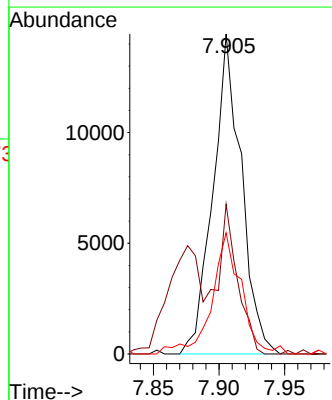
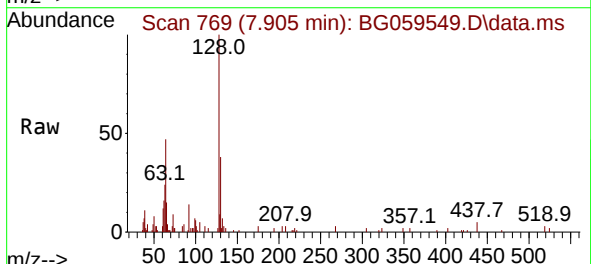
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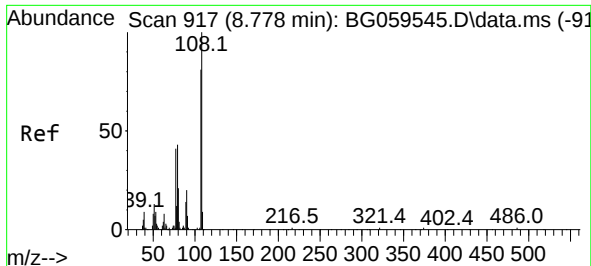
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#12
2-Chlorophenol
Concen: 3.765 ng/ul
RT: 7.905 min Scan# 769
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Tgt Ion:128 Resp: 21719
Ion Ratio Lower Upper
128 100
64 46.8 30.2 45.2#
130 37.9 27.9 41.9





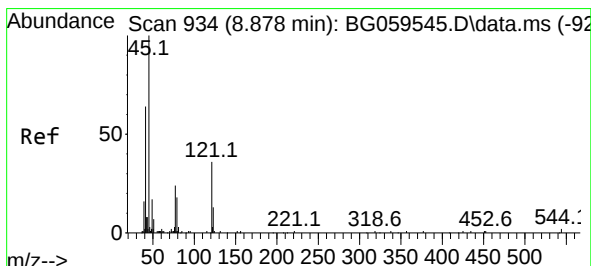
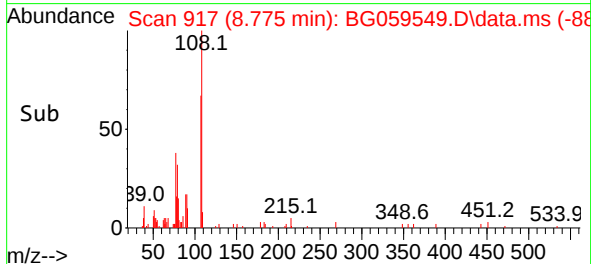
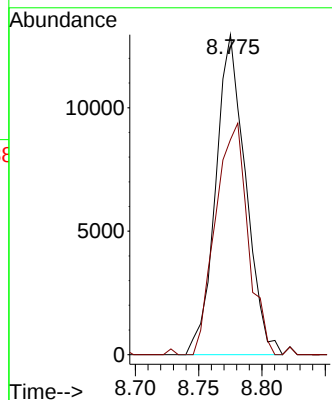
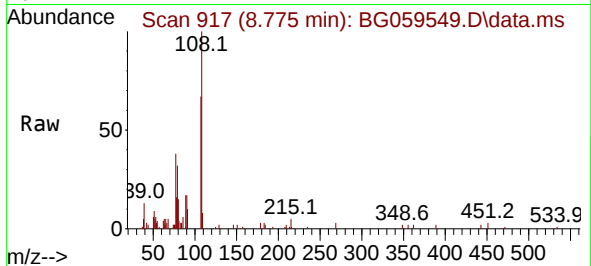
#13
2-Methylphenol
Concen: 3.775 ng/ul m
RT: 8.775 min Scan# 917
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:108 Resp: 2128
Ion Ratio Lower Upper
108 100
107 67.2 68.6 102.8

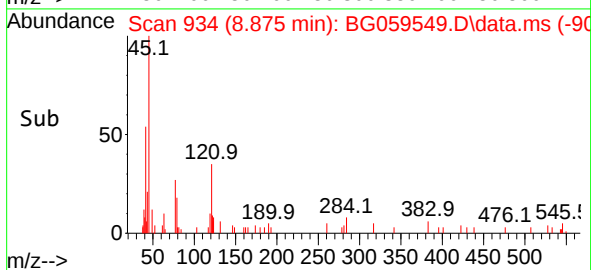
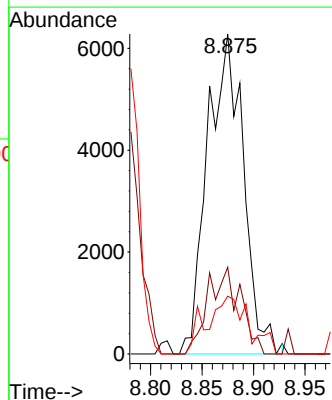
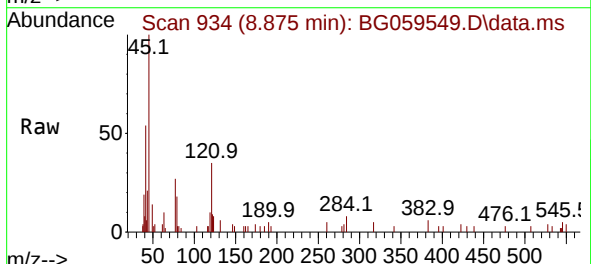
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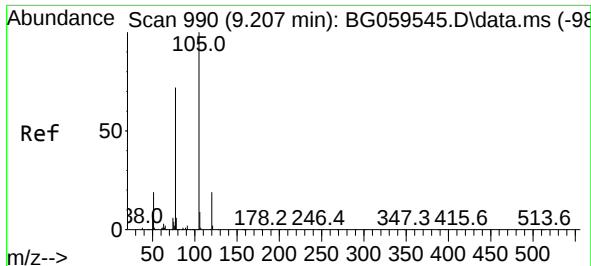
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.261 ng/ul m
RT: 8.875 min Scan# 934
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

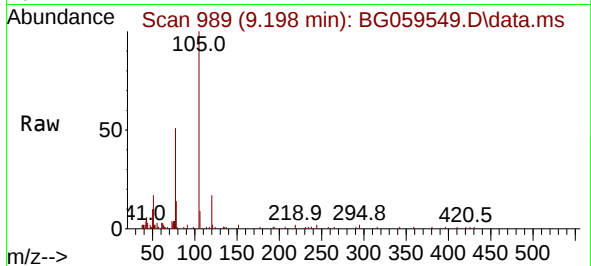
Tgt Ion: 45 Resp: 15216
Ion Ratio Lower Upper
45 100
77 27.1 15.0 22.6#
79 18.1 10.0 15.0#





#16
Acetophenone
Concen: 3.952 ng/ul
RT: 9.198 min Scan# 91
Delta R.T. -0.009 min
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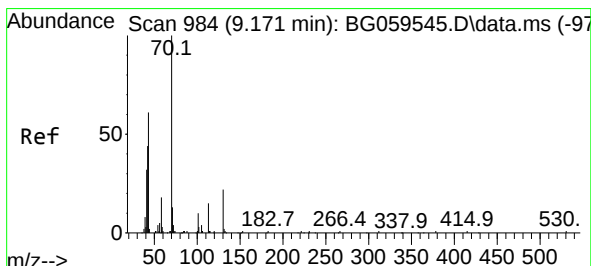
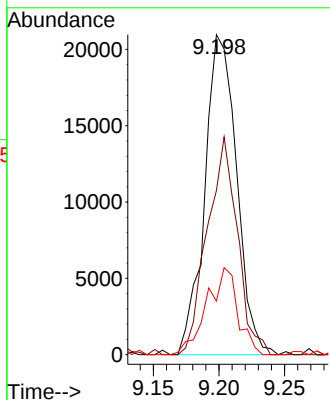
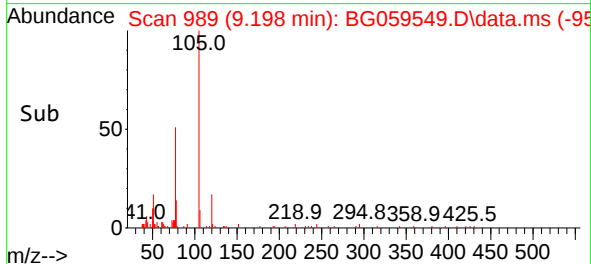
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion:	105	Resp:	3544
Ion Ratio	Lower	Upper	
105	100		
77	51.3	59.6	89.4
51	16.7	16.2	24.4

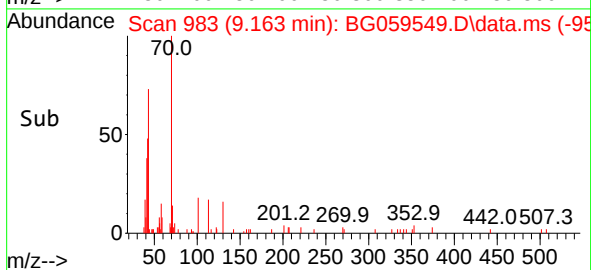
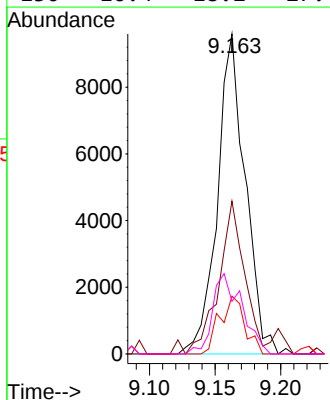
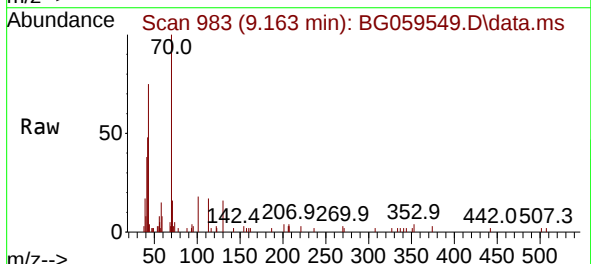
Manual Integrations
APPROVED

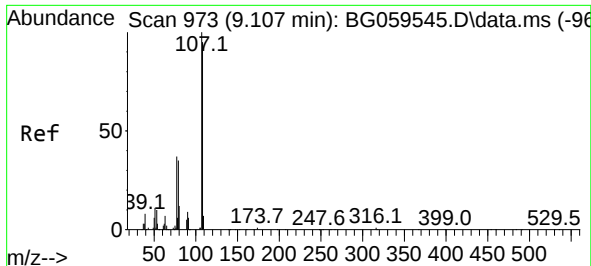
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.344 ng/ul
RT: 9.163 min Scan# 983
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

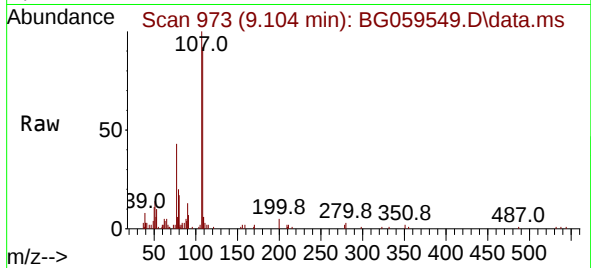
Tgt Ion:	70	Resp:	14132
Ion Ratio	Lower	Upper	
70	100		
42	47.8	33.8	50.8
101	18.1	5.4	8.0
130	16.4	18.2	27.4





#18
4-Methylphenol
Concen: 3.775 ng/ul
RT: 9.104 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

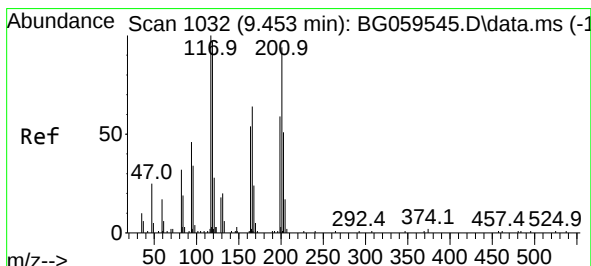
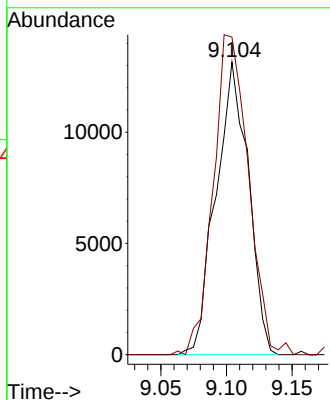
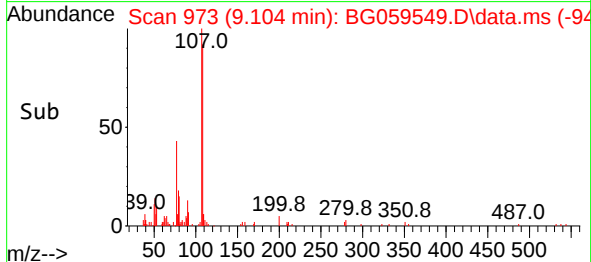
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



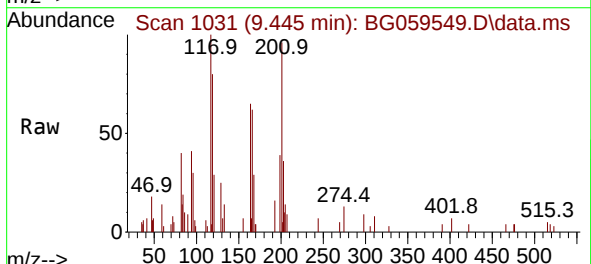
Tgt Ion:108 Resp: 2264
Ion Ratio Lower Upper
108 100
107 108.6 88.9 133.3

Manual Integrations
APPROVED

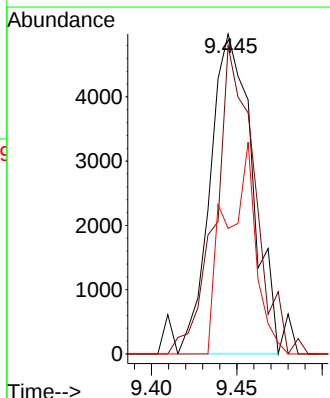
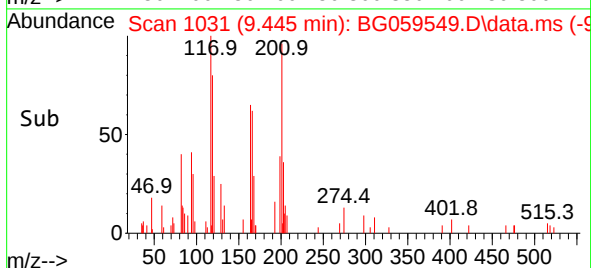
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

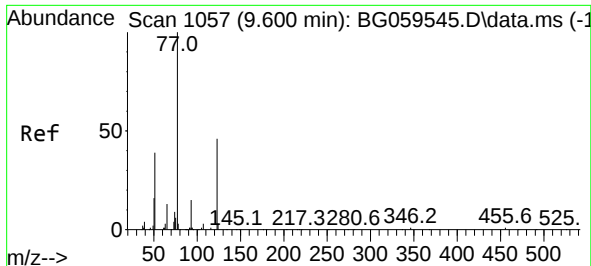


#19
Hexachloroethane
Concen: 3.695 ng/ul
RT: 9.445 min Scan# 1031
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21



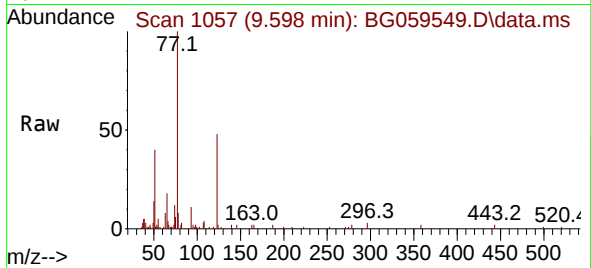
Tgt Ion:117 Resp: 8467
Ion Ratio Lower Upper
117 100
201 96.3 75.8 113.6
199 39.2 42.3 63.5#





#22
Nitrobenzene
Concen: 4.867 ng/ul
RT: 9.598 min Scan# 1057
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

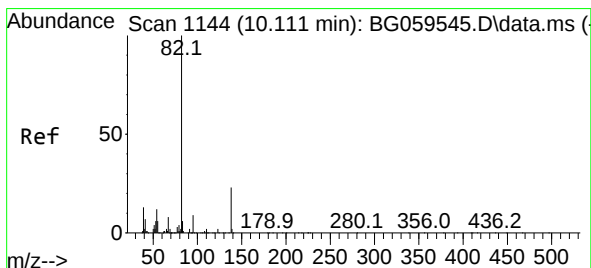
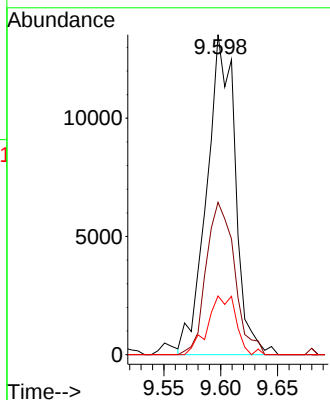
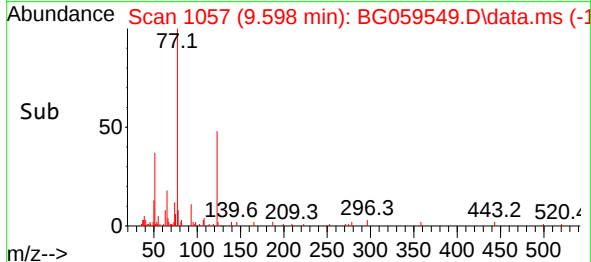
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	42.6	63.8
65	18.3	11.0	16.4

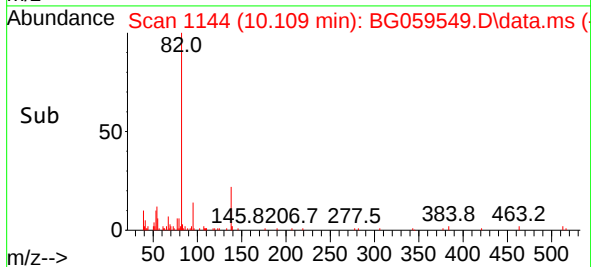
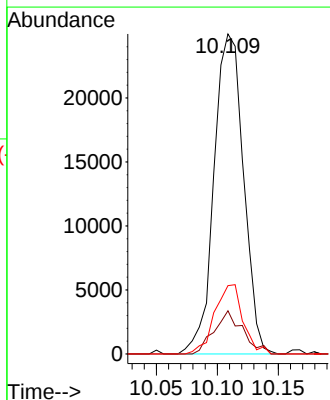
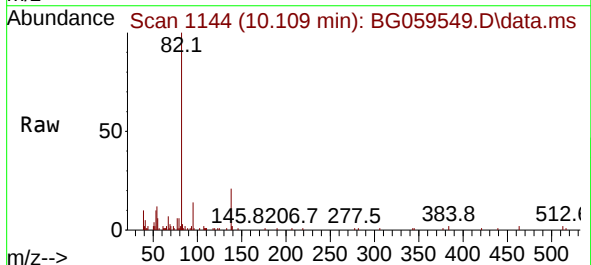
Manual Integrations
APPROVED

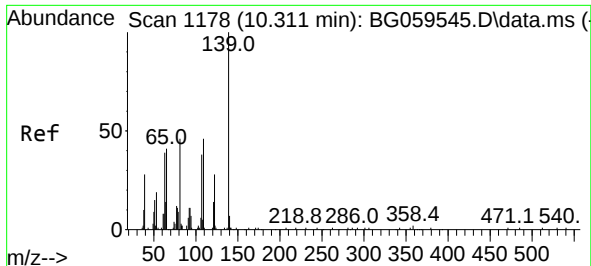
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#23
Isophorone
Concen: 3.454 ng/ul
RT: 10.109 min Scan# 1144
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

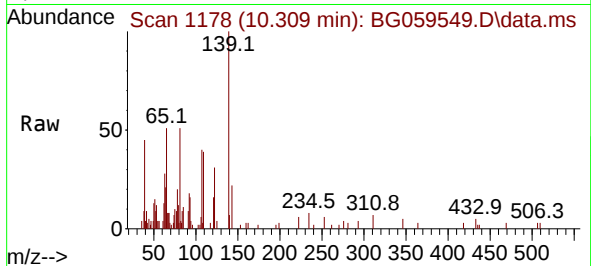
Tgt Ion	Ratio	Lower	Upper
82	100		
95	13.5	5.6	8.4#
138	21.4	12.3	18.5#





#25
2-Nitrophenol
Concen: 4.660 ng/ul
RT: 10.309 min Scan# 1178
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

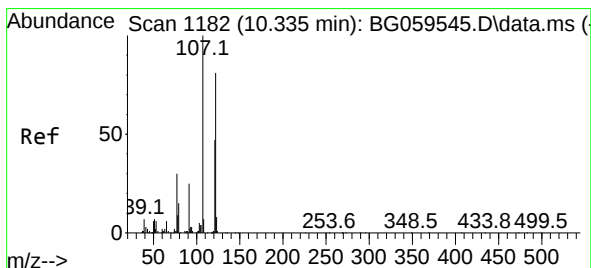
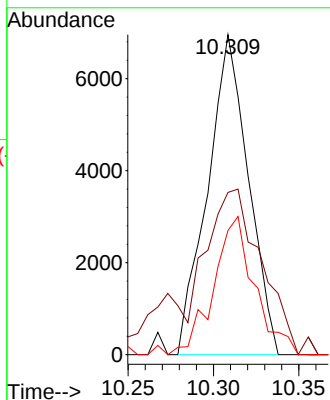
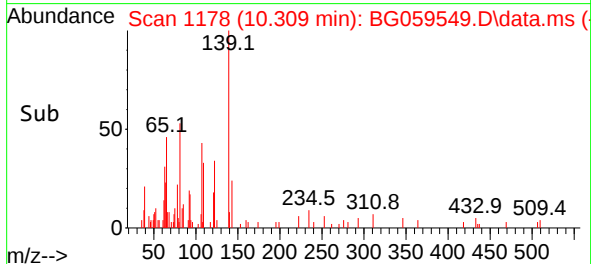
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



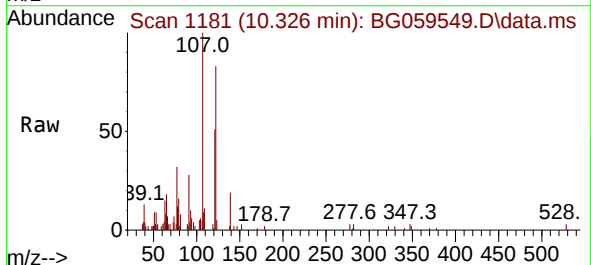
Tgt Ion:139 Resp: 11540
Ion Ratio Lower Upper
139 100
65 50.7 39.7 59.5
109 38.8 21.0 31.6

Manual Integrations
APPROVED

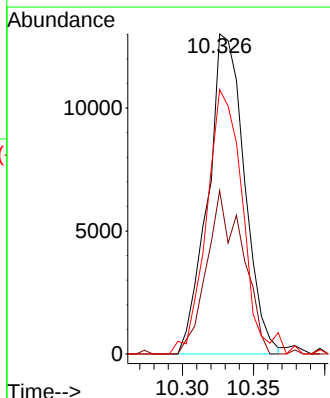
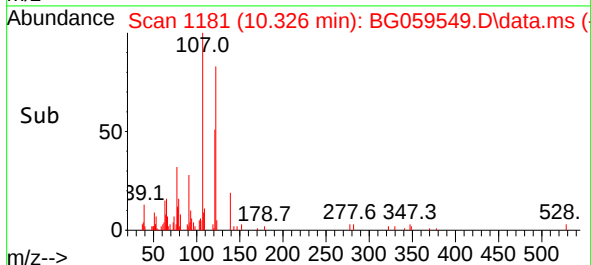
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

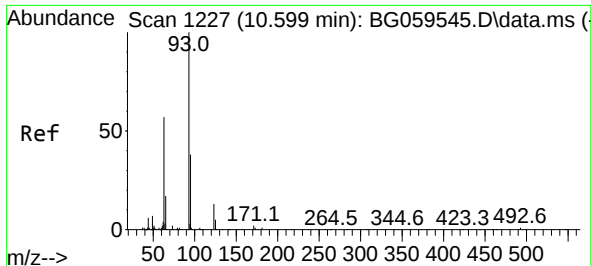


#26
2,4-Dimethylphenol
Concen: 3.571 ng/ul
RT: 10.326 min Scan# 1181
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21



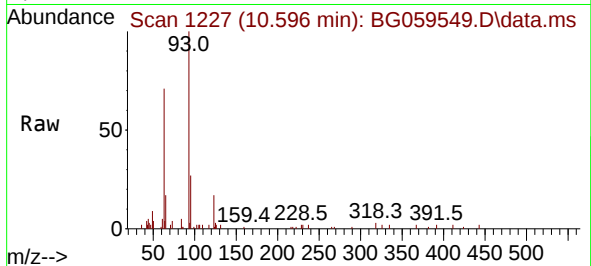
Tgt Ion:107 Resp: 23270
Ion Ratio Lower Upper
107 100
121 51.0 42.7 64.1
122 82.6 72.6 108.8





#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.386 ng/ul
 RT: 10.596 min Scan# 1227
 Delta R.T. -0.003 min
 Lab File: BG059549.D
 Acq: 30 Oct 2023 17:21

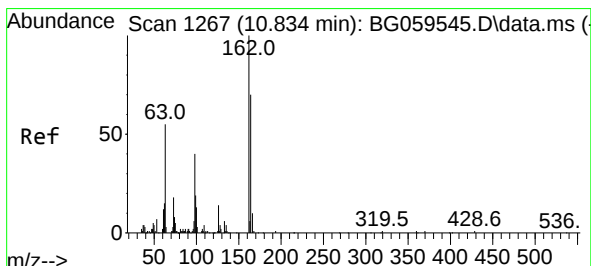
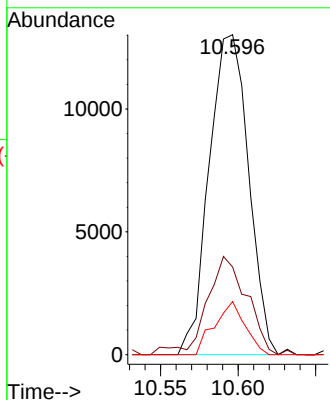
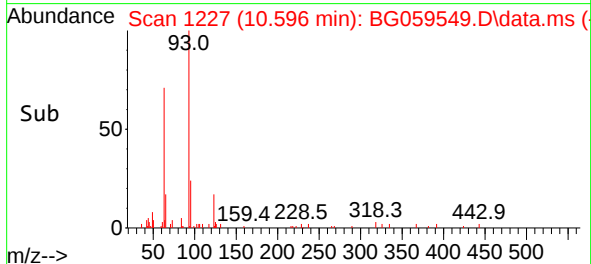
Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT4-2023-07



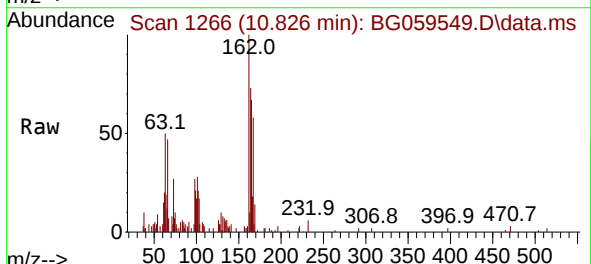
Tgt Ion:	93	Ratio	100	Lower	Upper
93	100				
95	27.4		27.1	40.7	
123	16.6		10.3	15.5	

Manual Integrations
 APPROVED

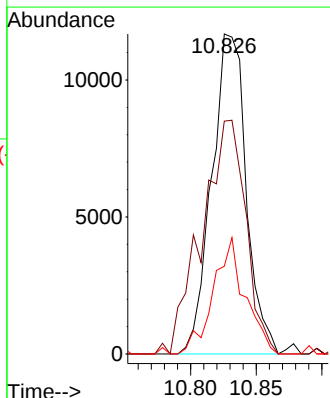
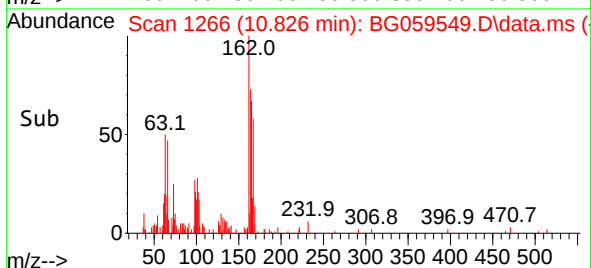
Reviewed By :Yogesh Patel 11/01/2023
 Supervised By :mohammad ahmed 11/01/2023

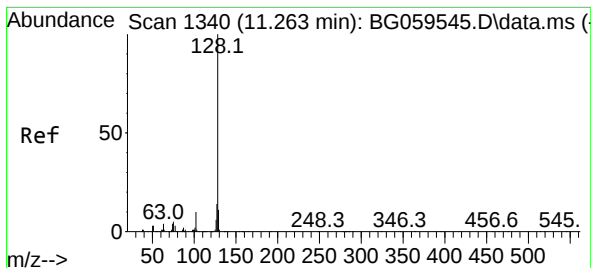


#29
 2,4-Dichlorophenol
 Concen: 4.356 ng/ul
 RT: 10.826 min Scan# 1266
 Delta R.T. -0.003 min
 Lab File: BG059549.D
 Acq: 30 Oct 2023 17:21



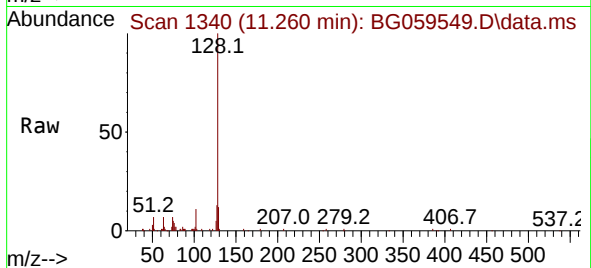
Tgt Ion:	162	Ratio	100	Lower	Upper
162	100				
164	72.7		45.3	67.9#	
98	27.4		32.2	48.4#	





#30
Naphthalene
Concen: 3.942 ng/ul
RT: 11.260 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

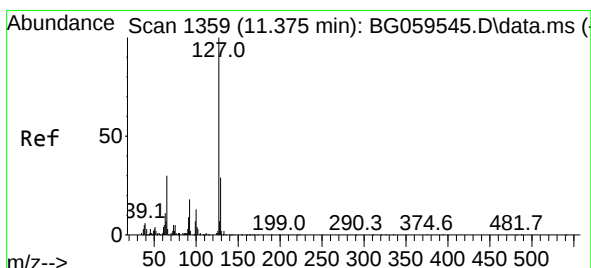
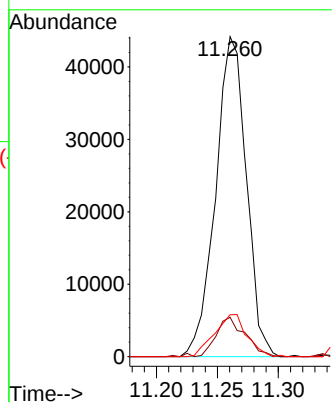
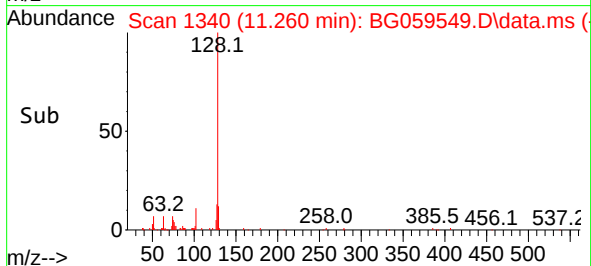
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:128 Resp: 77549
Ion Ratio Lower Upper
128 100
129 12.3 7.4 11.0
127 13.1 10.5 15.7

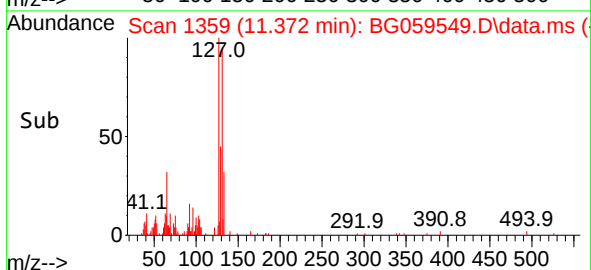
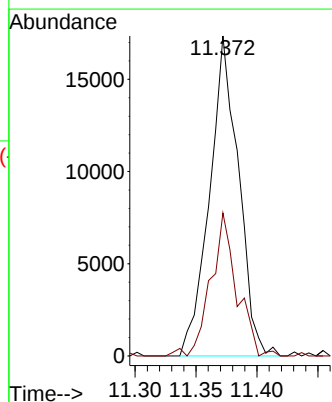
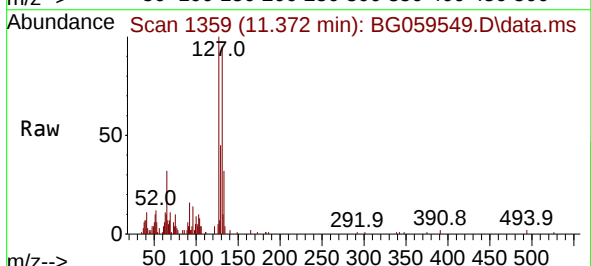
Manual Integrations
APPROVED

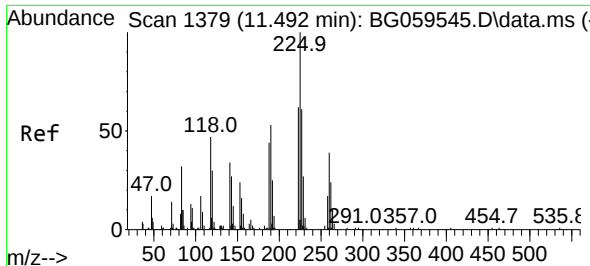
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#32
4-Chloroaniline
Concen: 3.622 ng/ul
RT: 11.372 min Scan# 1359
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

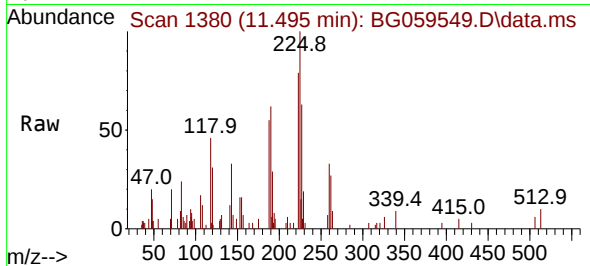
Tgt Ion:127 Resp: 28747
Ion Ratio Lower Upper
127 100
129 44.7 30.4 45.6





#33
Hexachlorobutadiene
Concen: 3.656 ng/ul
RT: 11.495 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

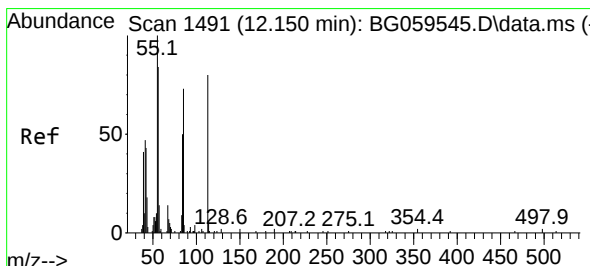
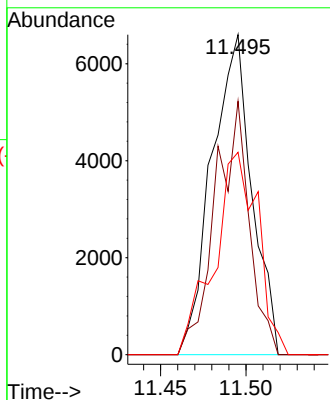
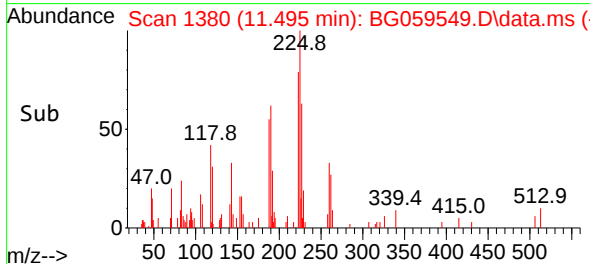
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:225 Resp: 10769
Ion Ratio Lower Upper
225 100
223 79.2 50.8 76.2
227 63.3 49.8 74.8

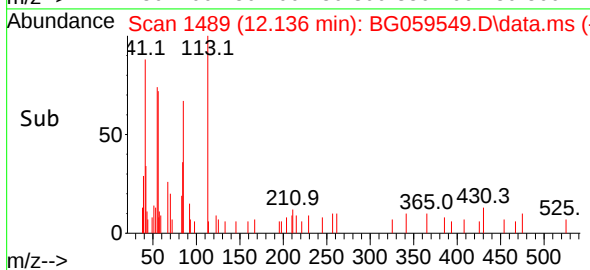
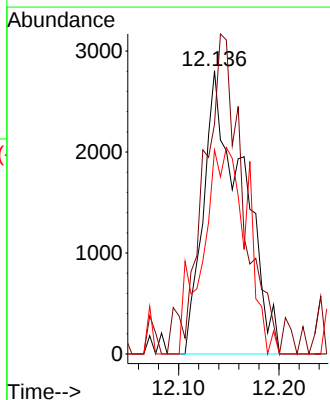
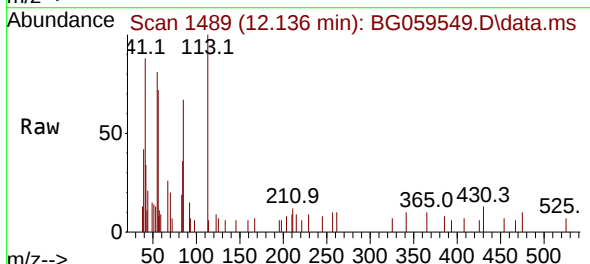
Manual Integrations
APPROVED

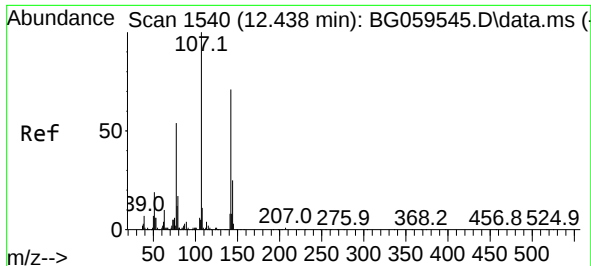
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#34
Caprolactam
Concen: 4.228 ng/ul m
RT: 12.136 min Scan# 1489
Delta R.T. -0.021 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

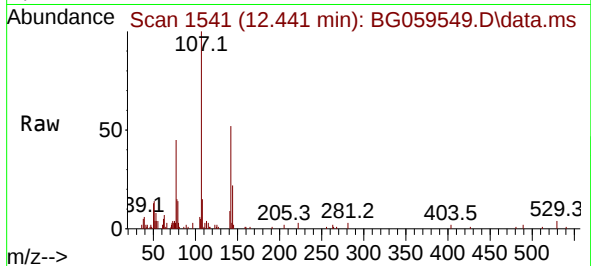
Tgt Ion:113 Resp: 7595
Ion Ratio Lower Upper
113 100
55 81.2 86.9 130.3#
56 72.0 64.4 96.6





#35
4-Chloro-3-methylphenol
Concen: 4.293 ng/ul
RT: 12.441 min Scan# 1540
Delta R.T. 0.002 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

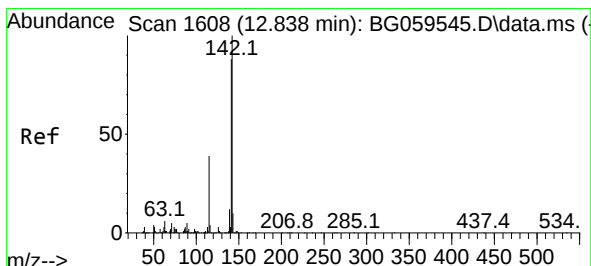
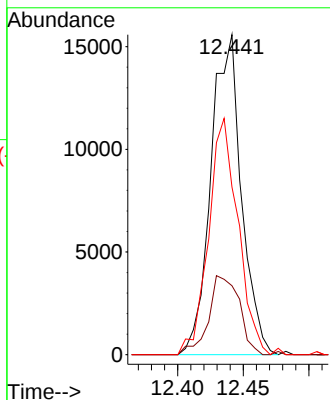
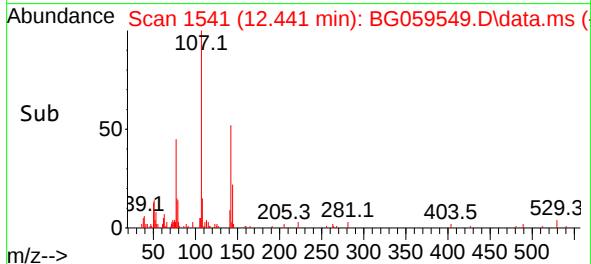
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:107 Resp: 2515
Ion Ratio Lower Upper
107 100
144 21.6 21.0 31.6
142 52.4 68.2 102.4

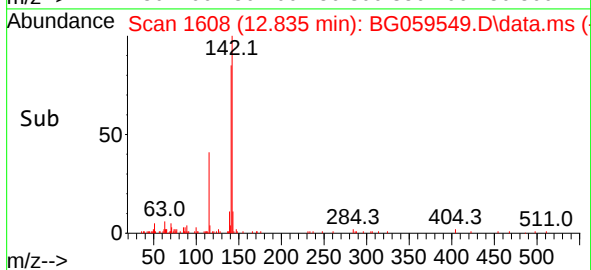
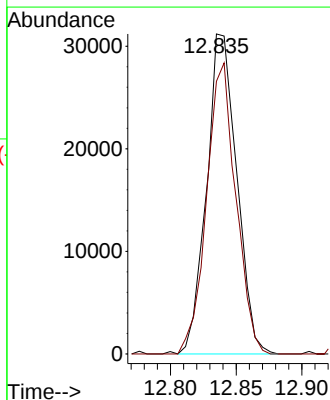
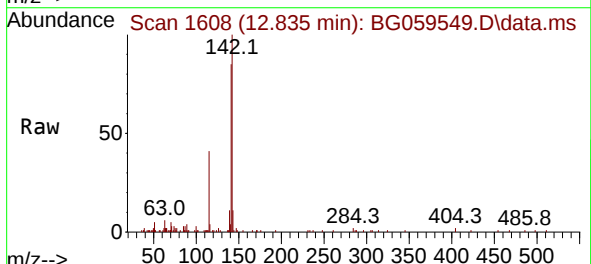
Manual Integrations
APPROVED

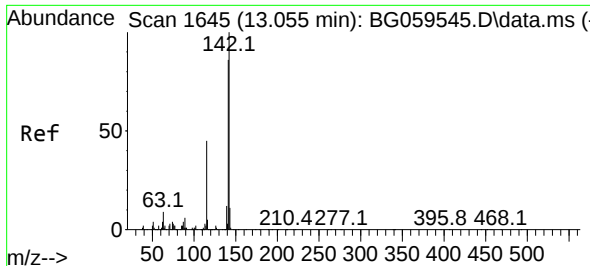
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#36
2-Methylnaphthalene
Concen: 3.692 ng/ul
RT: 12.835 min Scan# 1608
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

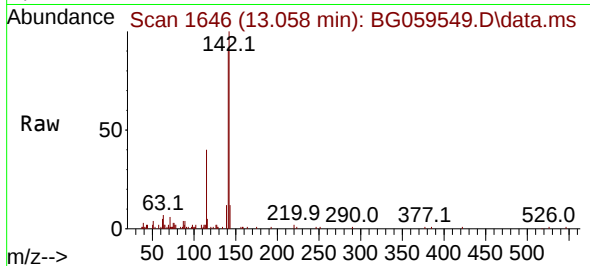
Tgt Ion:142 Resp: 49968
Ion Ratio Lower Upper
142 100
141 85.2 71.7 107.5





#37
1-Methylnaphthalene
Concen: 3.748 ng/ul
RT: 13.058 min Scan# 1645
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

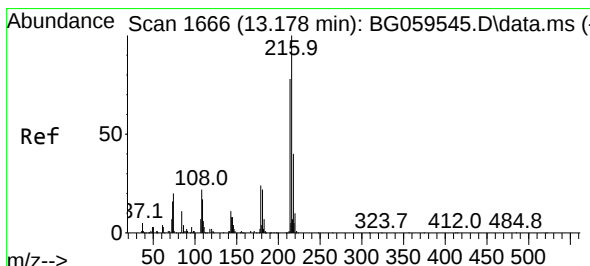
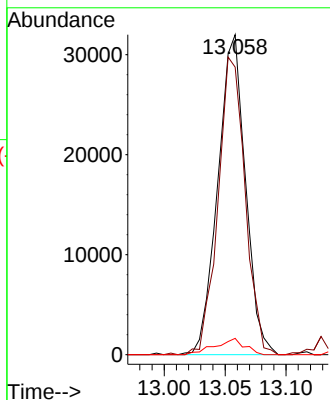
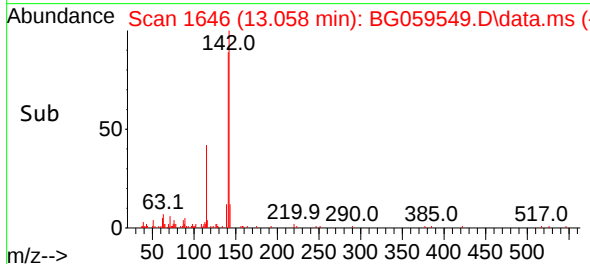
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



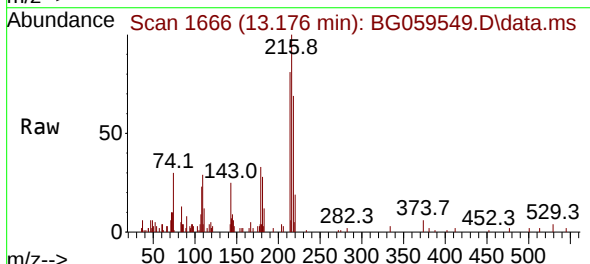
Tgt Ion:142 Resp: 50520
Ion Ratio Lower Upper
142 100
141 89.8 73.1 109.7
116 5.1 3.3 4.9

Manual Integrations
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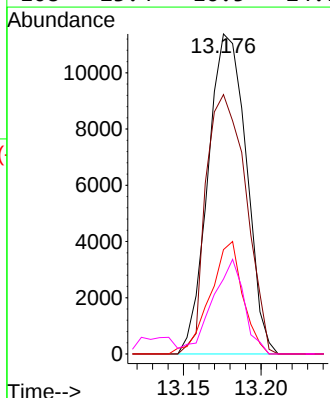
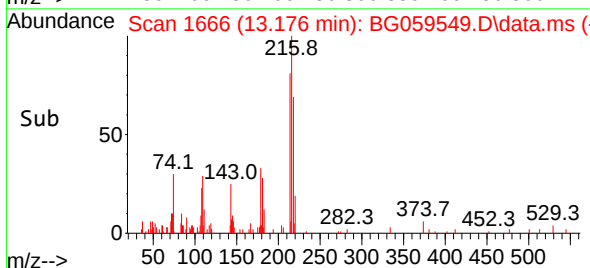
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

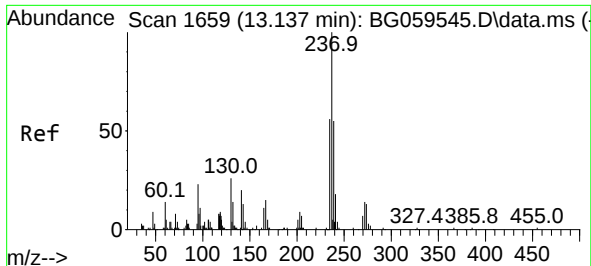


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.340 ng/ul
RT: 13.176 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21



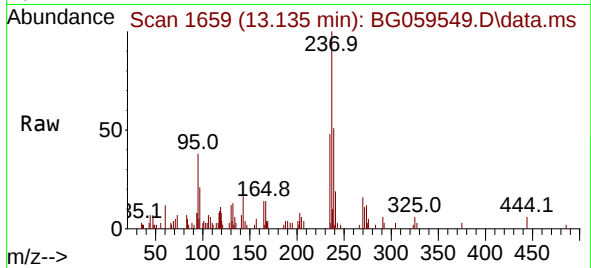
Tgt Ion:216 Resp: 19539
Ion Ratio Lower Upper
216 100
214 81.1 63.7 95.5
179 36.5 19.2 28.8#
108 23.4 16.5 24.7





#40
Hexachlorocyclopentadiene
Concen: 3.583 ng/ul
RT: 13.135 min Scan# 1659
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

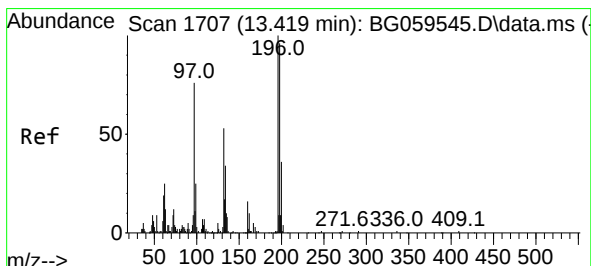
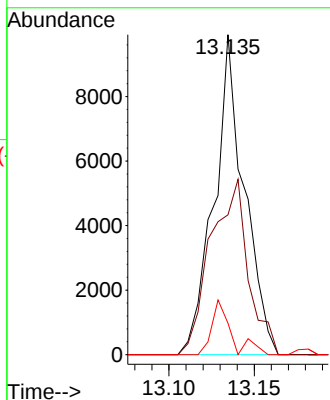
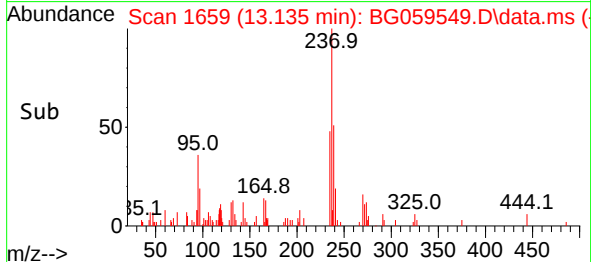
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



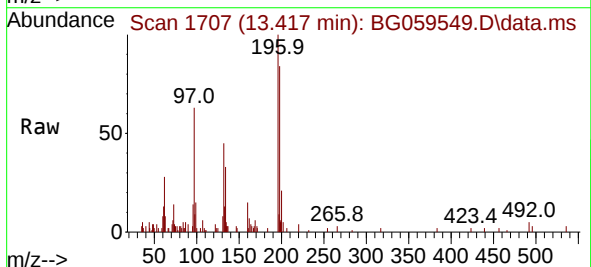
Tgt Ion:237 Resp: 12210
Ion Ratio Lower Upper
237 100
235 43.7 46.6 69.8
272 9.8 13.0 19.4

Manual Integrations
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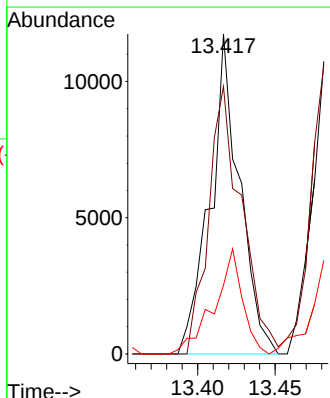
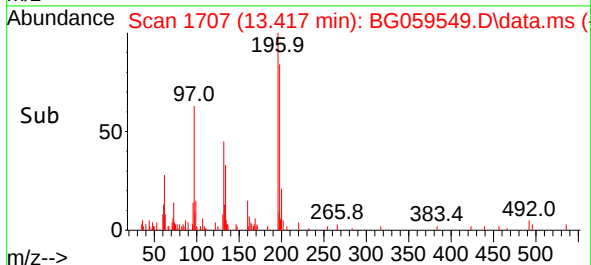
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

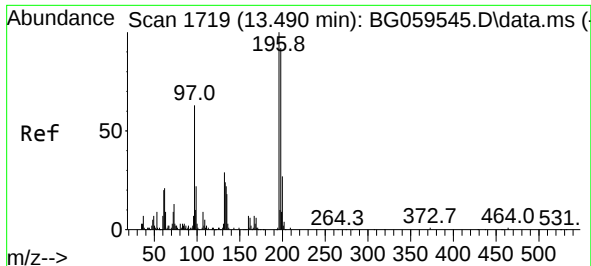


#41
2,4,6-Trichlorophenol
Concen: 3.823 ng/ul
RT: 13.417 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21



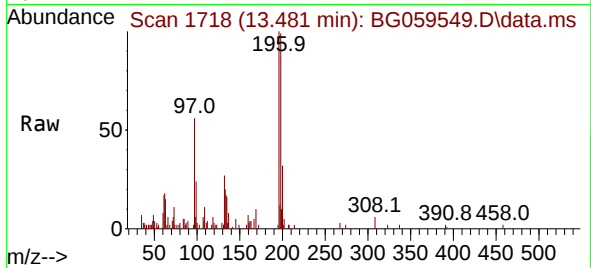
Tgt Ion:196 Resp: 15484
Ion Ratio Lower Upper
196 100
198 83.6 69.6 104.4
200 21.5 23.8 35.8





#42
2,4,5-Trichlorophenol
Concen: 3.678 ng/ul
RT: 13.481 min Scan# 1719
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

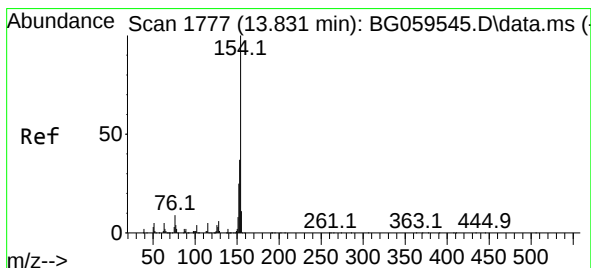
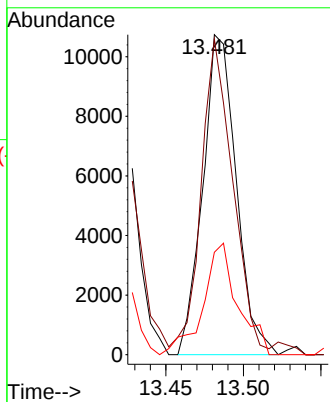
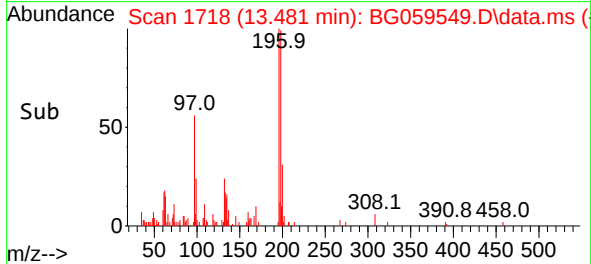
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:196 Resp: 1612
Ion Ratio Lower Upper
196 100
198 98.6 79.8 119.6
200 32.0 28.0 42.0

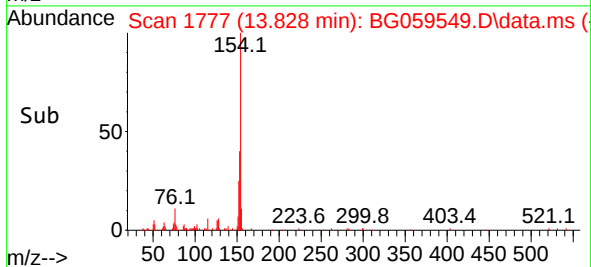
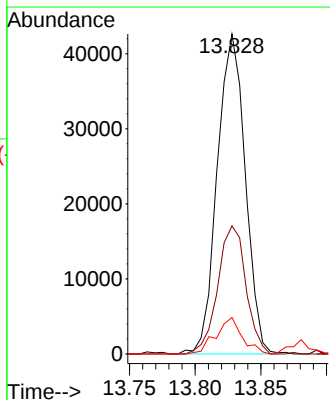
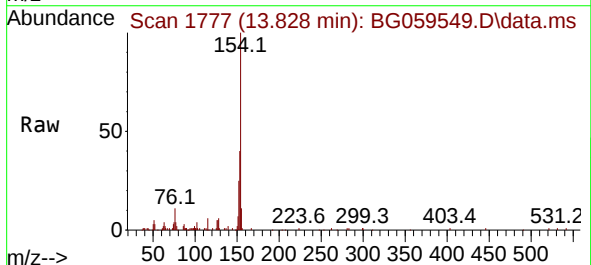
Manual Integrations
APPROVED

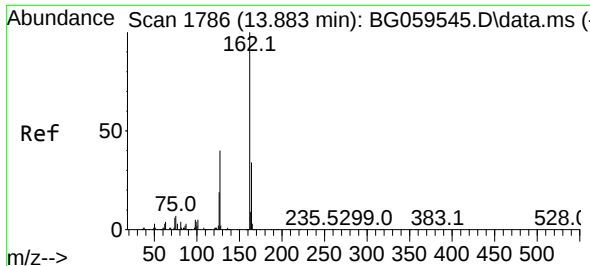
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#43
1,1'-Biphenyl
Concen: 3.447 ng/ul
RT: 13.828 min Scan# 1777
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Tgt Ion:154 Resp: 63249
Ion Ratio Lower Upper
154 100
153 40.0 30.7 46.1
76 11.4 8.2 12.4





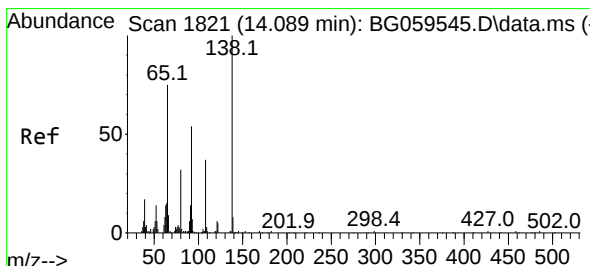
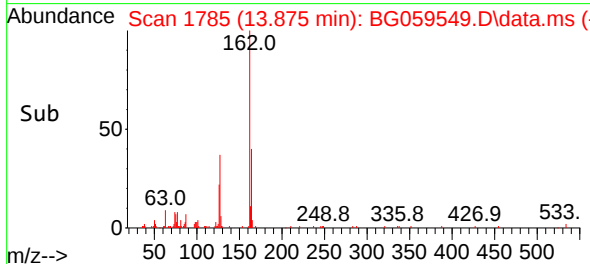
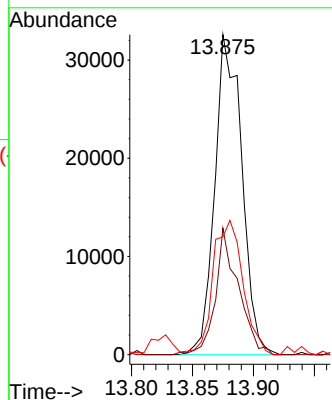
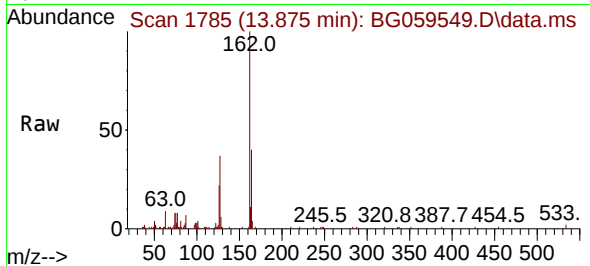
#44
2-Chloronaphthalene
Concen: 3.516 ng/ul
RT: 13.875 min Scan# 1785
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07

Tgt Ion:162 Resp: 5013
Ion Ratio Lower Upper
162 100
164 39.6 23.9 35.9
127 36.8 35.3 52.9

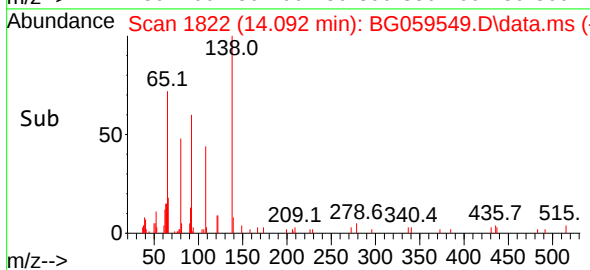
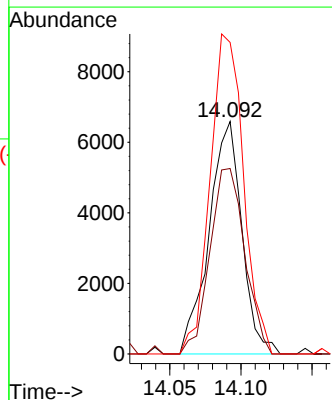
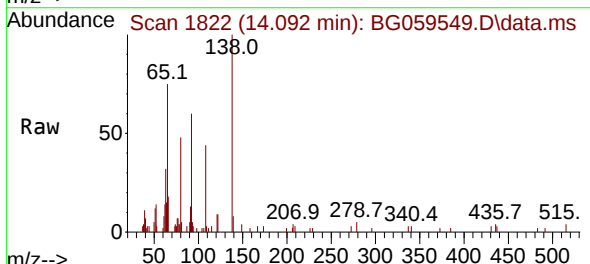
Manual Integrations
APPROVED

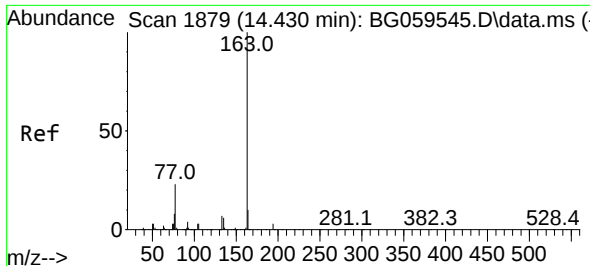
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#45
2-Nitroaniline
Concen: 3.992 ng/ul
RT: 14.092 min Scan# 1822
Delta R.T. 0.002 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

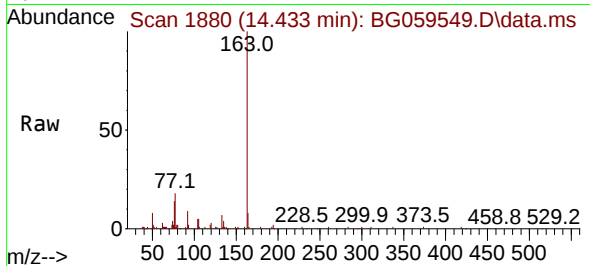
Tgt Ion: 65 Resp: 10592
Ion Ratio Lower Upper
65 100
92 79.8 59.6 89.4
138 134.0 109.0 163.6





#47
Dimethylphthalate
Concen: 3.448 ng/ul
RT: 14.433 min Scan# 1879
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

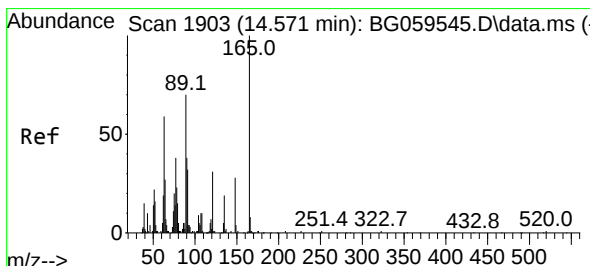
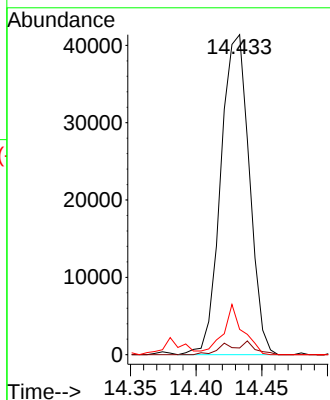
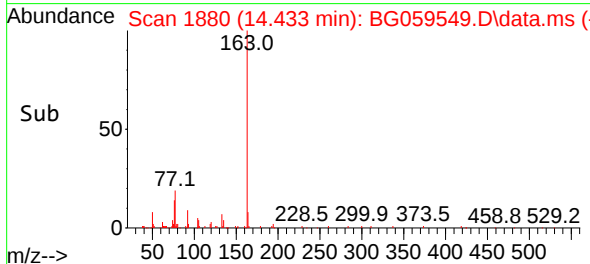
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion:163 Resp: 6259
Ion Ratio Lower Upper
163 100
194 2.1 2.6 3.8
164 7.9 6.6 10.0

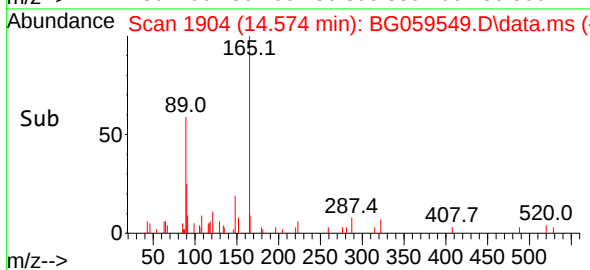
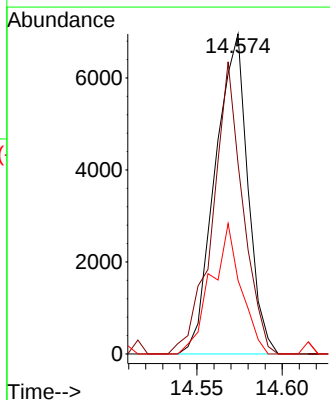
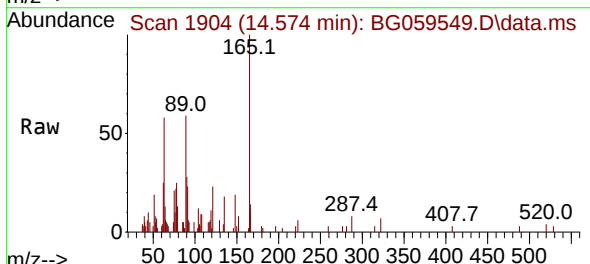
Manual Integrations
APPROVED

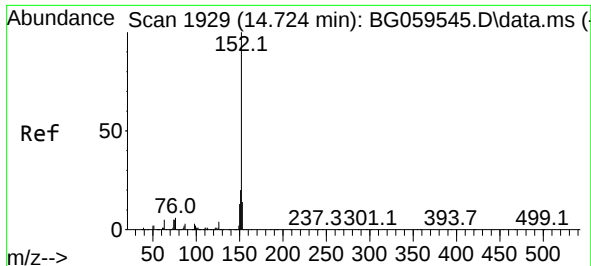
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#48
2,6-Dinitrotoluene
Concen: 3.376 ng/ul
RT: 14.574 min Scan# 1904
Delta R.T. 0.002 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

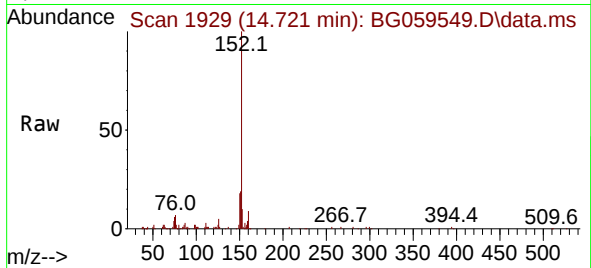
Tgt Ion:165 Resp: 9244
Ion Ratio Lower Upper
165 100
89 54.5 41.0 61.4
121 21.1 12.3 18.5





#50
Acenaphthylene
Concen: 3.589 ng/ul
RT: 14.721 min Scan# 1929
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

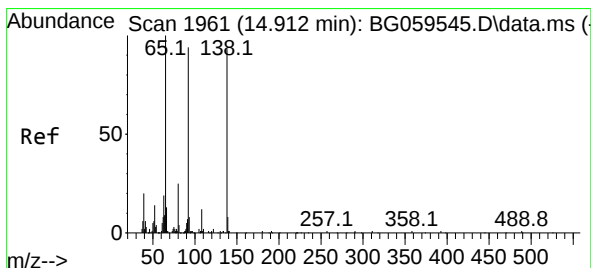
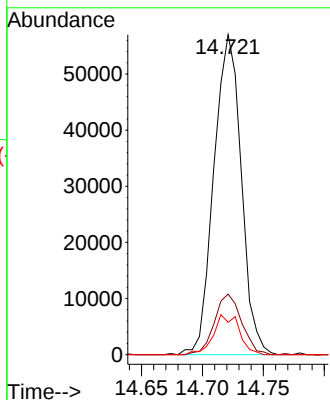
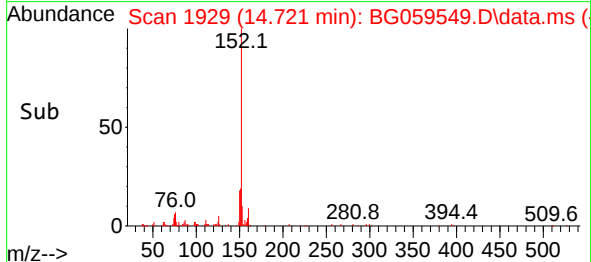
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



Tgt Ion:152 Resp: 8916
Ion Ratio Lower Upper
152 100
151 18.9 16.6 25.0
153 10.1 9.4 14.2

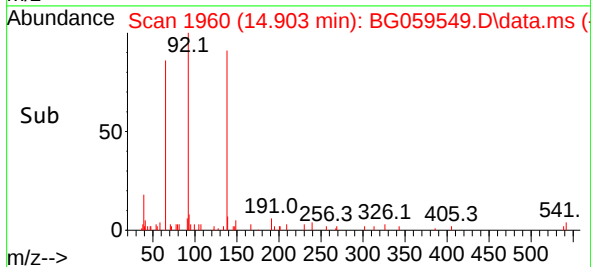
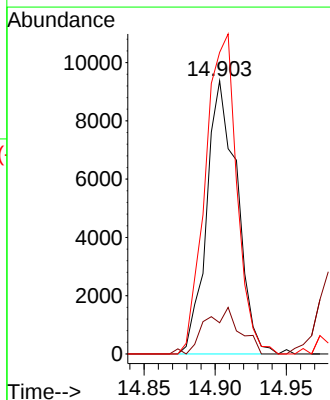
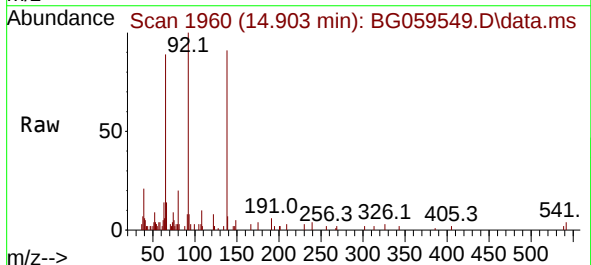
Manual Integrations
APPROVED

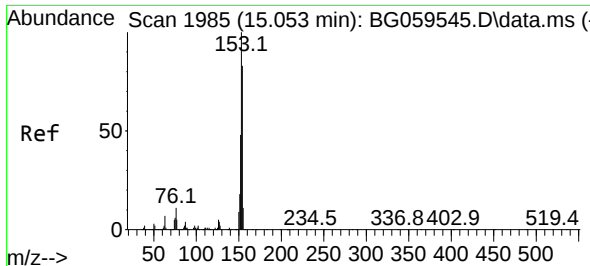
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#51
3-Nitroaniline
Concen: 4.085 ng/ul
RT: 14.903 min Scan# 1960
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

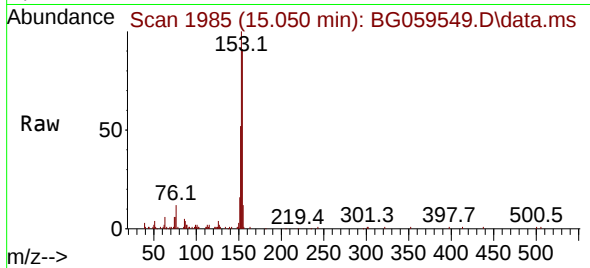
Tgt Ion:138 Resp: 13943
Ion Ratio Lower Upper
138 100
108 11.4 17.1 25.7#
92 110.4 101.8 152.8





#52
Acenaphthene
Concen: 3.552 ng/ul
RT: 15.050 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

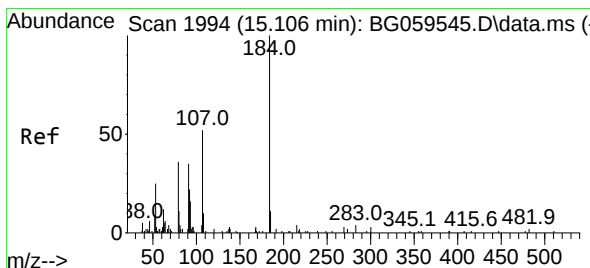
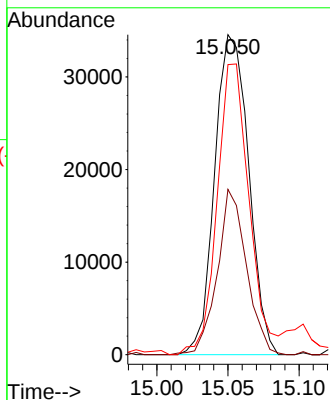
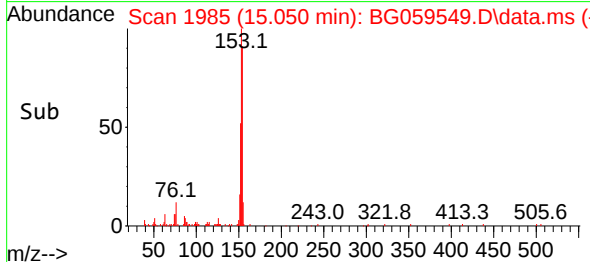
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



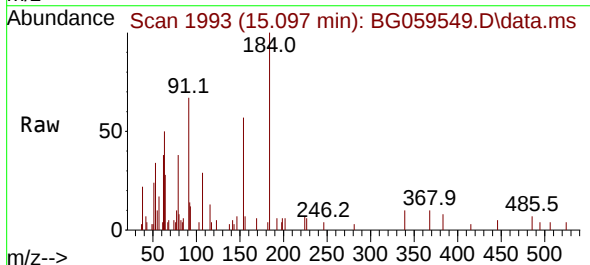
Tgt Ion:153 Resp: 57518
Ion Ratio Lower Upper
153 100
152 51.6 37.6 56.4
154 90.7 69.4 104.0

Manual Integrations
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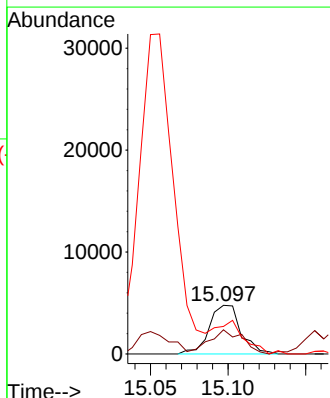
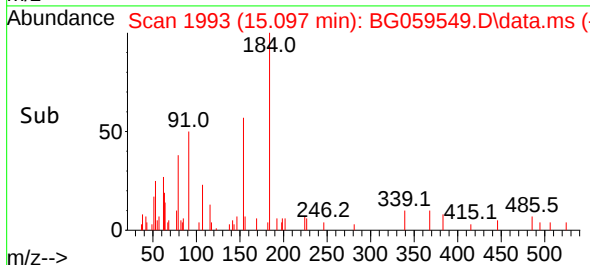
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

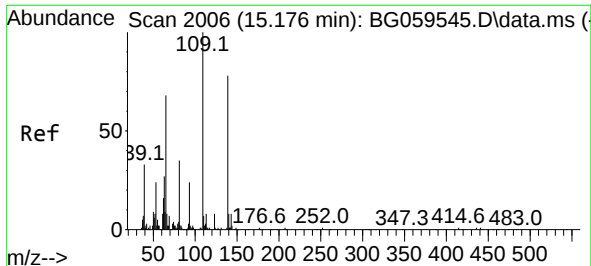


#53
2,4-Dinitrophenol
Concen: 4.355 ng/ul
RT: 15.097 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21



Tgt Ion:184 Resp: 6776
Ion Ratio Lower Upper
184 100
63 49.6 35.0 52.6
154 56.5 49.8 74.8





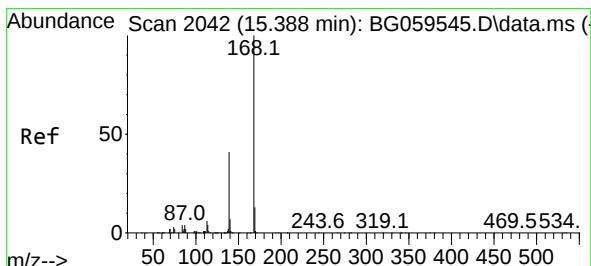
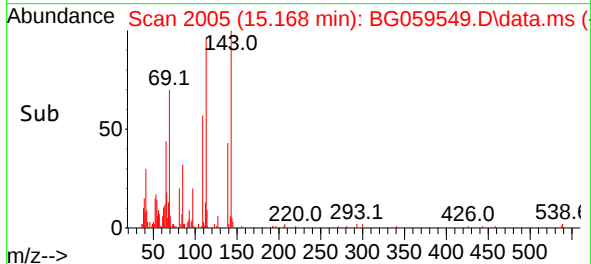
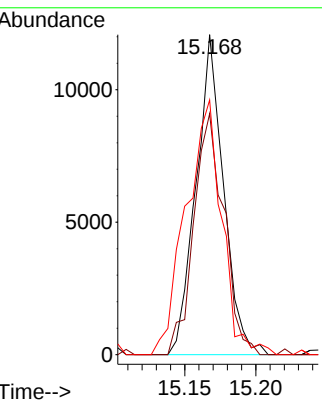
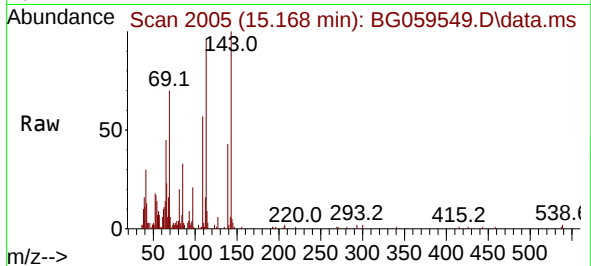
#55
4-Nitrophenol
Concen: 4.685 ng/ul
RT: 15.168 min Scan# 2006
Delta R.T. 0.002 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07

Tgt Ion:109 Resp: 1626
Ion Ratio Lower Upper
109 100
139 75.3 72.2 108.2
65 79.6 57.3 85.9

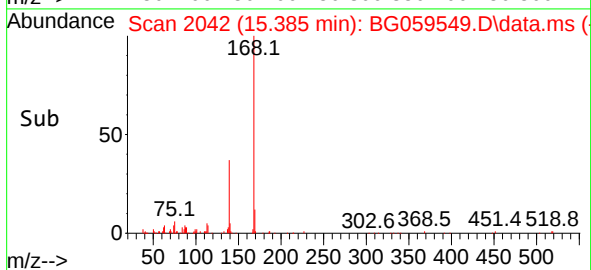
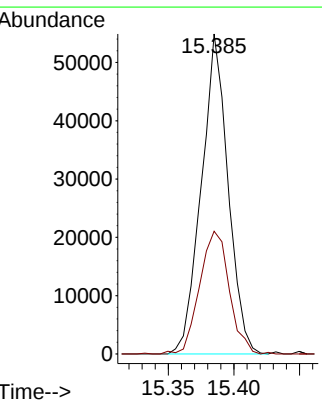
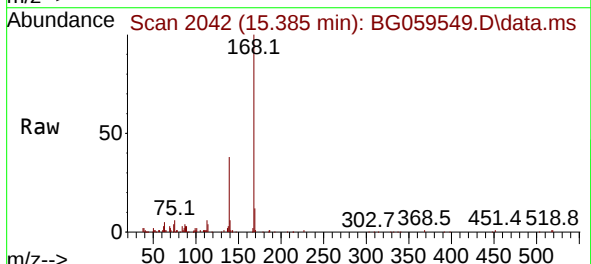
Manual Integrations
APPROVED

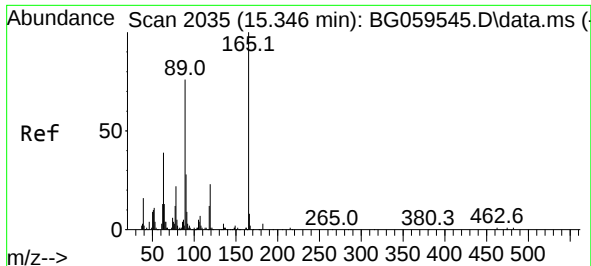
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#56
Dibenzofuran
Concen: 3.694 ng/ul
RT: 15.385 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Tgt Ion:168 Resp: 77553
Ion Ratio Lower Upper
168 100
139 38.3 33.8 50.8





#57

2,4-Dinitrotoluene

Concen: 4.124 ng/ul

RT: 15.338 min Scan# 2035

Delta R.T. -0.009 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

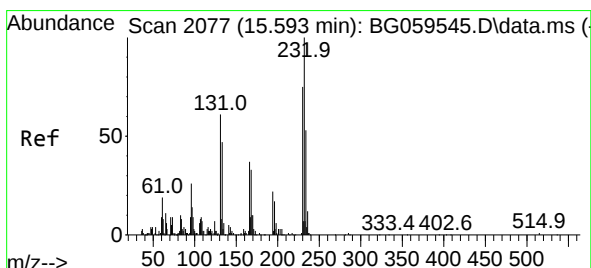
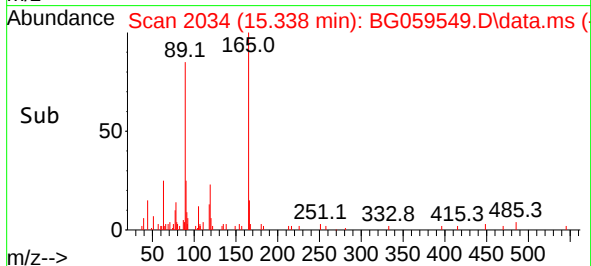
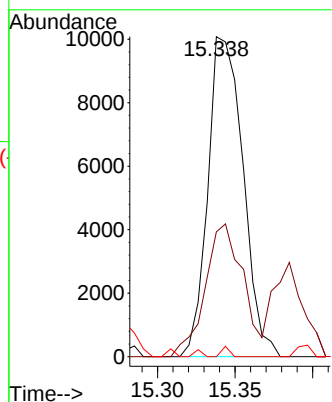
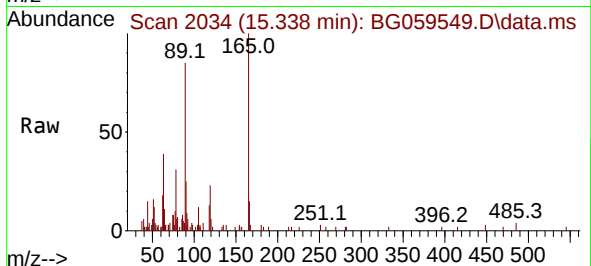
Tgt Ion:	165	Resp:	1588
Ion Ratio	Lower	Upper	
165	100		
63	39.0	30.9	46.3
182	0.0	1.8	2.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.918 ng/ul

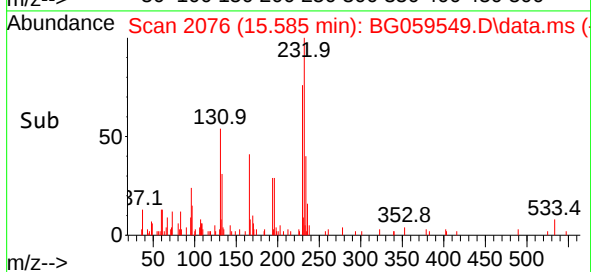
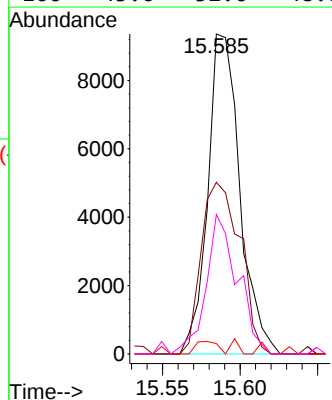
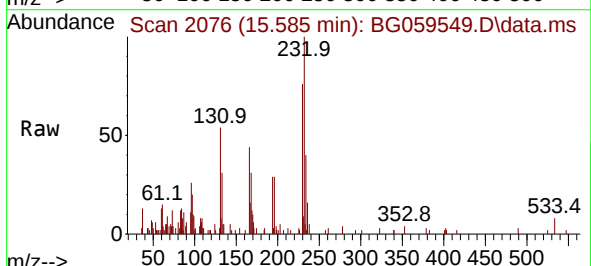
RT: 15.585 min Scan# 2076

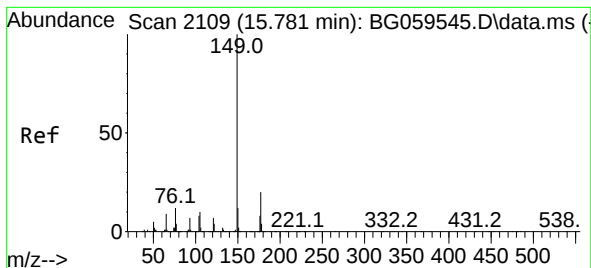
Delta R.T. -0.003 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Tgt Ion:	232	Resp:	13485
Ion Ratio	Lower	Upper	
232	100		
131	53.6	44.2	66.2
130	3.3	2.3	3.5
166	43.6	32.6	48.8





#59

Diethylphthalate

Concen: 3.511 ng/ul

RT: 15.779 min Scan# 2109

Delta R.T. -0.003 min

Lab File: BG059549.D

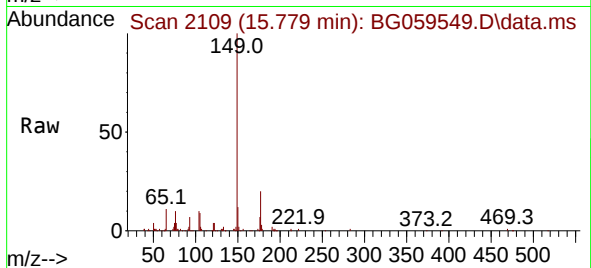
Acq: 30 Oct 2023 17:21

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07



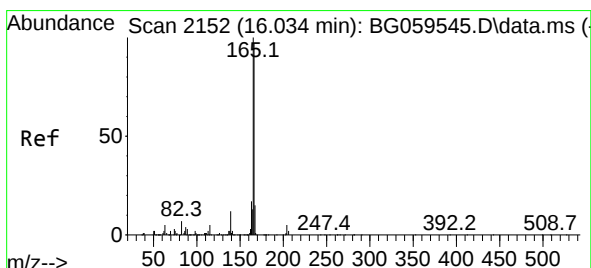
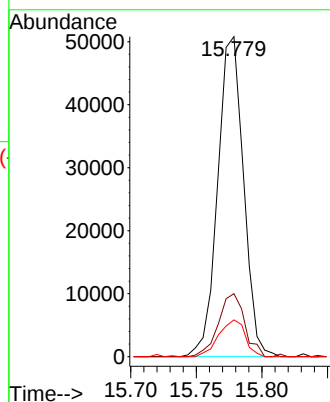
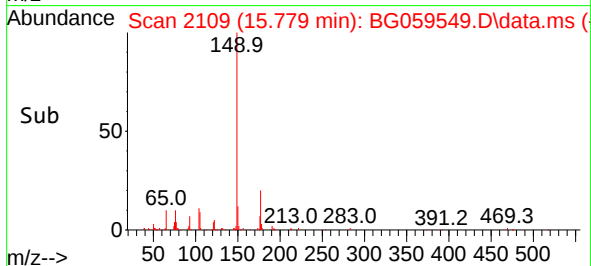
Tgt Ion:	149	Resp:	6953
Ion Ratio	Lower	Upper	
149	100		
177	19.7	16.3	24.5
150	11.5	9.1	13.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023



#61

Fluorene

Concen: 3.454 ng/ul

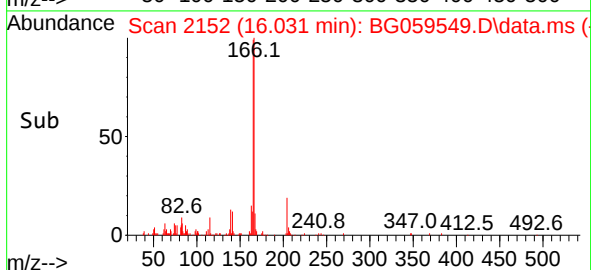
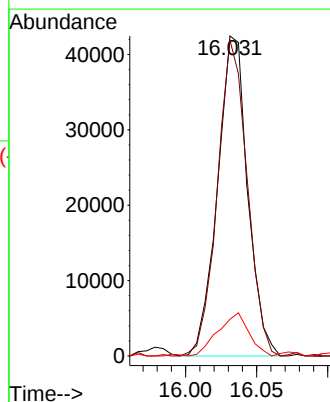
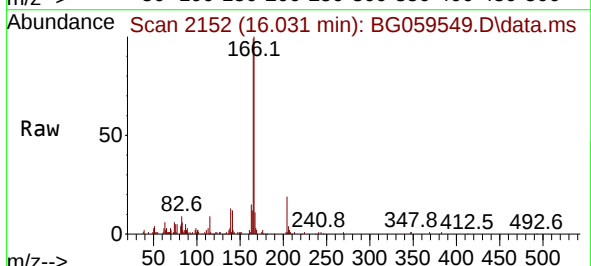
RT: 16.031 min Scan# 2152

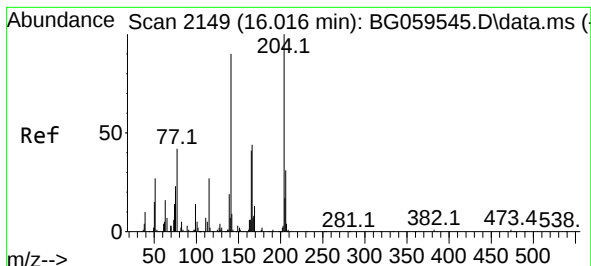
Delta R.T. -0.003 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Tgt Ion:	166	Resp:	62603
Ion Ratio	Lower	Upper	
166	100		
165	98.7	74.4	111.6
167	11.5	9.1	13.7





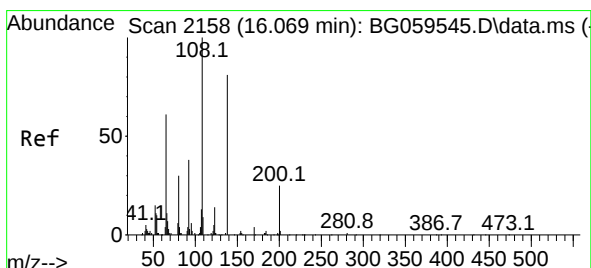
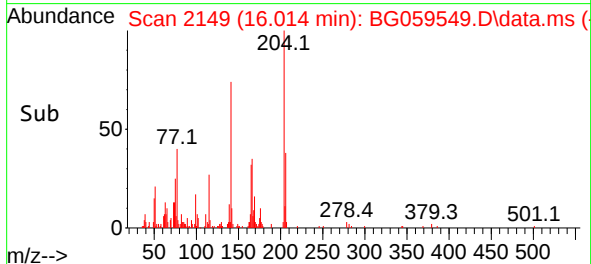
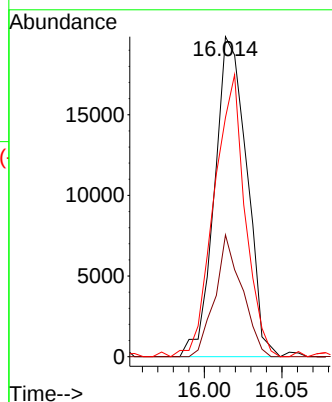
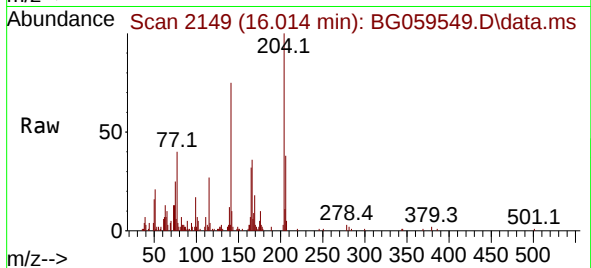
#62
4-Chlorophenyl-phenylether
Concen: 3.692 ng/ul
RT: 16.014 min Scan# 2149
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07

Tgt Ion:204 Resp: 2859
Ion Ratio Lower Upper
204 100
206 38.1 28.8 43.2
141 74.8 68.6 103.0

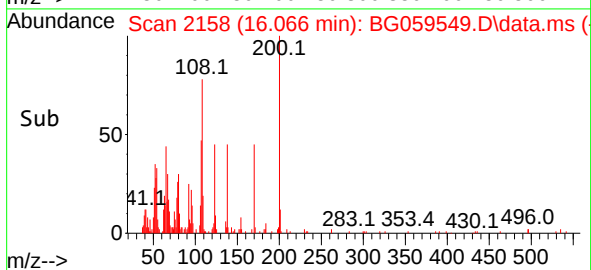
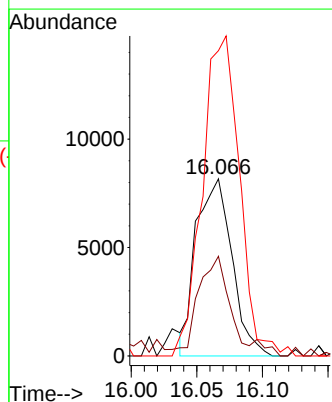
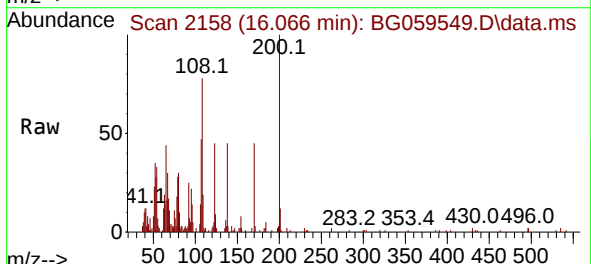
Manual Integrations
APPROVED

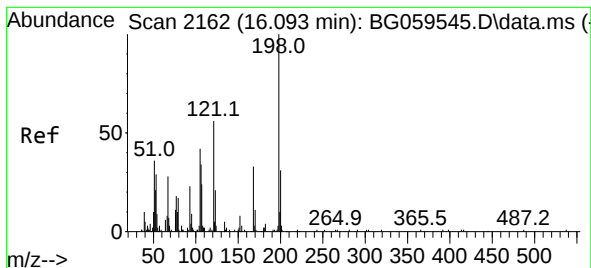
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#63
4-Nitroaniline
Concen: 4.284 ng/ul
RT: 16.066 min Scan# 2158
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

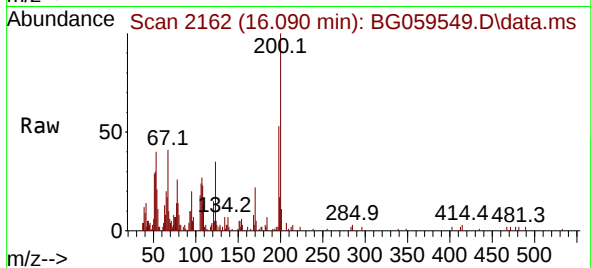
Tgt Ion:138 Resp: 15517
Ion Ratio Lower Upper
138 100
92 56.3 49.8 74.8
108 172.2 100.9 151.3#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.240 ng/ul m
RT: 16.090 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

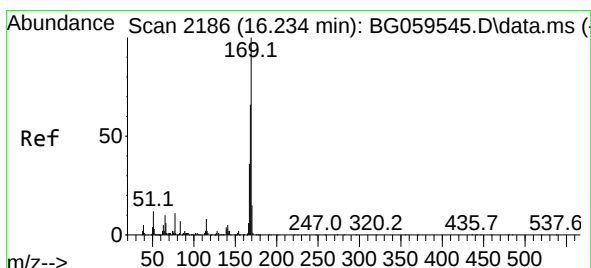
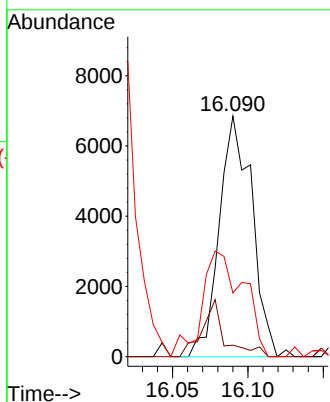
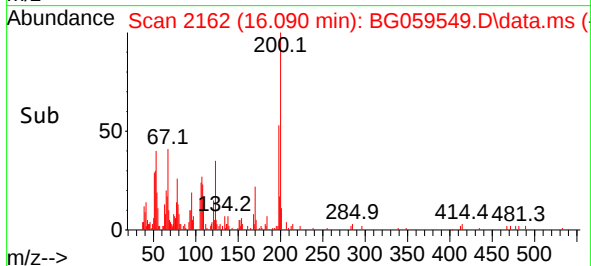
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



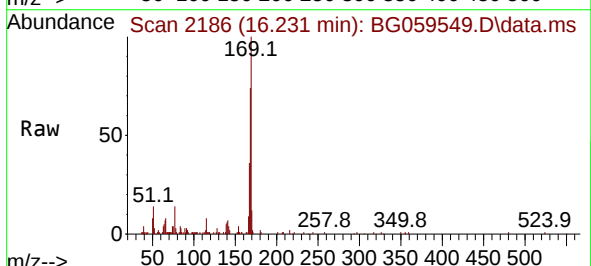
Tgt Ion:198 Resp: 10285
Ion Ratio Lower Upper
198 100
182 4.8 1.4 2.0
77 26.5 15.8 23.8

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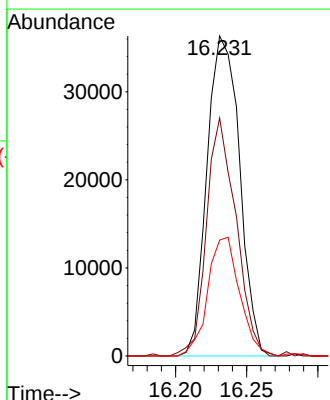
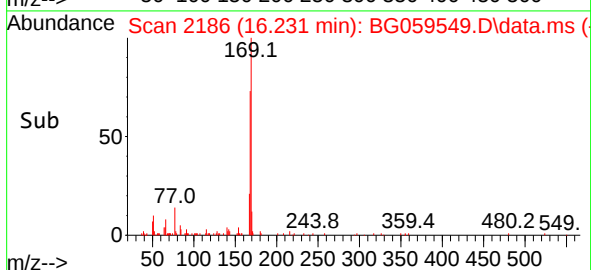
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

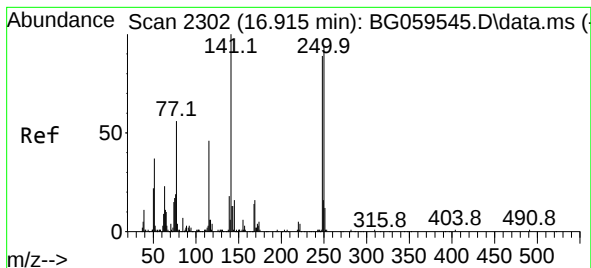


#67
N-Nitrosodiphenylamine
Concen: 2.668 ng/ul
RT: 16.231 min Scan# 2186
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21



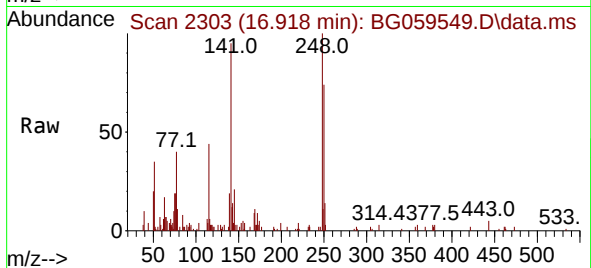
Tgt Ion:169 Resp: 57995
Ion Ratio Lower Upper
169 100
168 74.4 54.2 81.2
167 36.2 31.3 46.9





#68
4-Bromophenyl-phenylether
Concen: 2.710 ng/ul
RT: 16.918 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

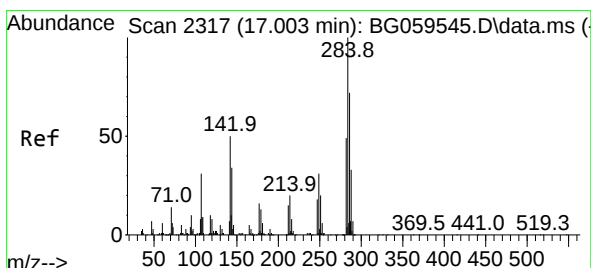
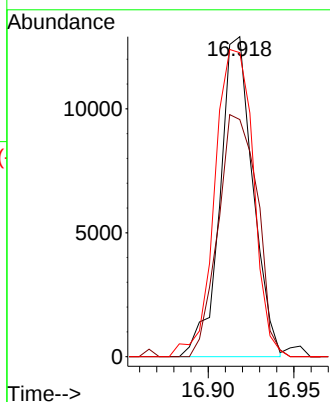
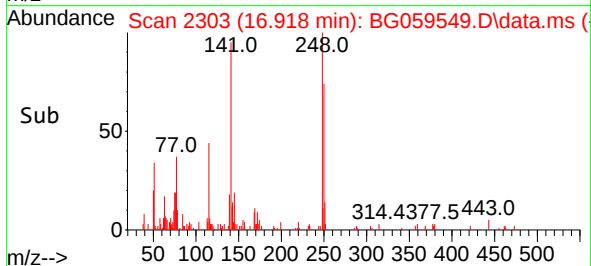
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:248 Resp: 17250
Ion Ratio Lower Upper
248 100
250 74.1 74.2 111.23
141 95.0 88.5 132.7

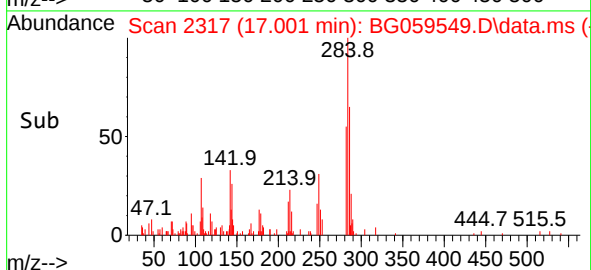
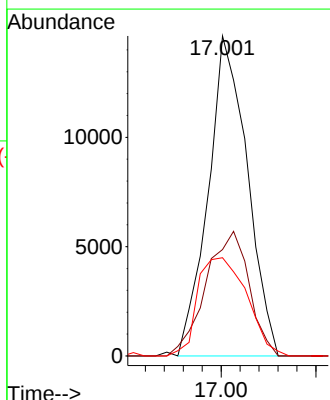
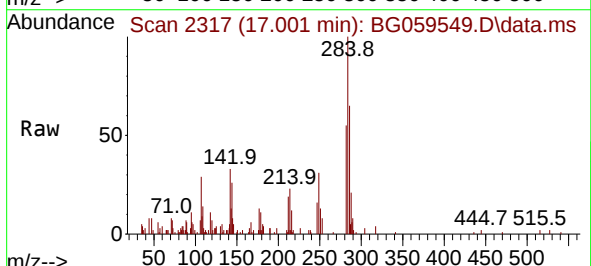
Manual Integrations
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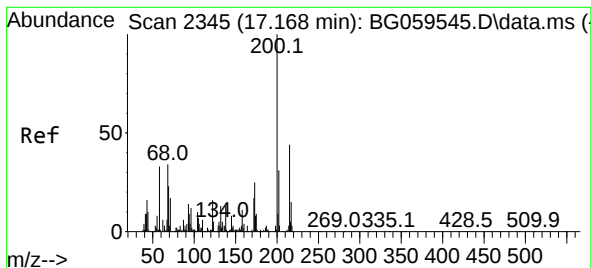
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#69
Hexachlorobenzene
Concen: 2.852 ng/ul
RT: 17.001 min Scan# 2317
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Tgt Ion:284 Resp: 20978
Ion Ratio Lower Upper
284 100
142 33.2 39.6 59.4#
249 30.7 28.2 42.2





#70

Atrazine

Concen: 3.502 ng/ul m

RT: 17.165 min Scan# 2345

Delta R.T. -0.009 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

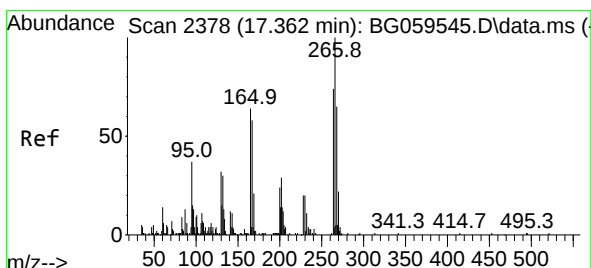
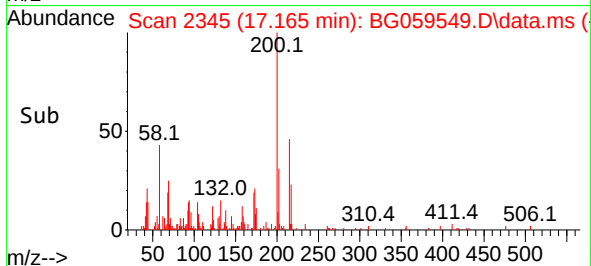
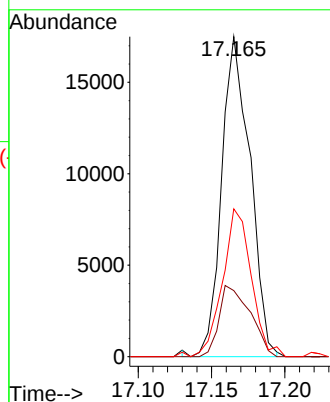
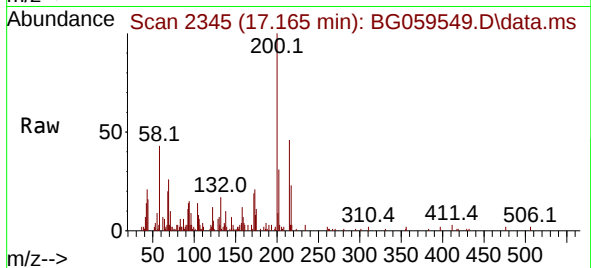
Tgt Ion:200 Resp: 23589
 Ion Ratio Lower Upper
 200 100
 173 20.7 25.7 38.5
 215 46.2 32.1 48.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023



#71

Pentachlorophenol

Concen: 4.263 ng/ul m

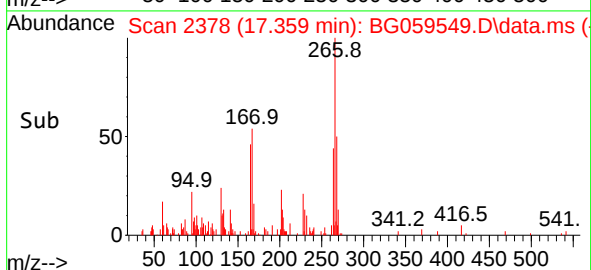
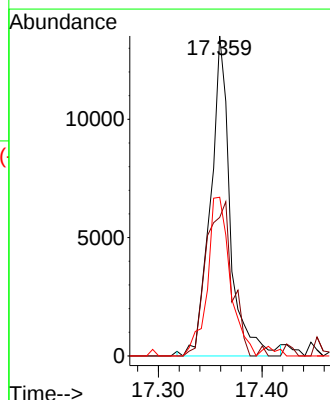
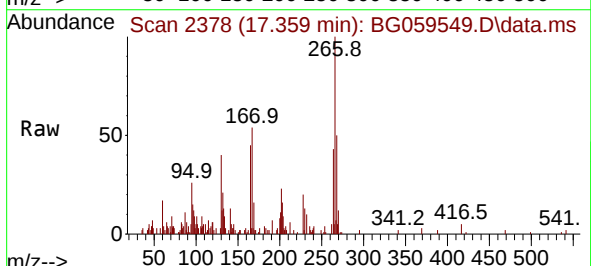
RT: 17.359 min Scan# 2378

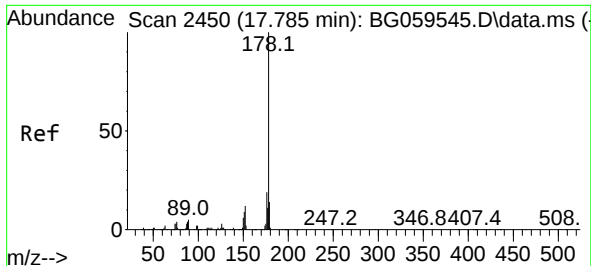
Delta R.T. 0.002 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

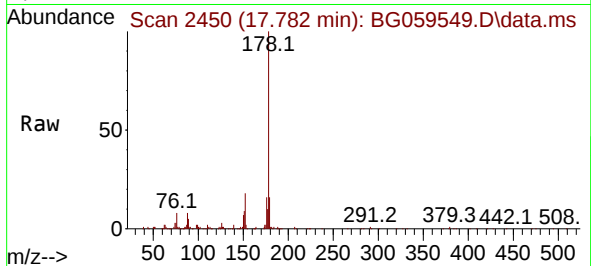
Tgt Ion:266 Resp: 17914
 Ion Ratio Lower Upper
 266 100
 264 43.3 46.2 69.2
 268 49.6 46.4 69.6





#72
Phenanthrene
Concen: 3.609 ng/u1
RT: 17.782 min Scan# 2450
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

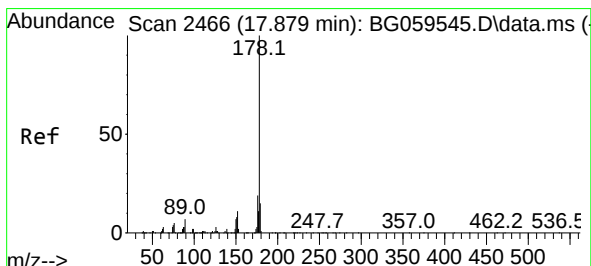
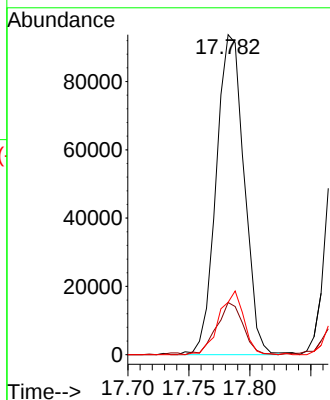
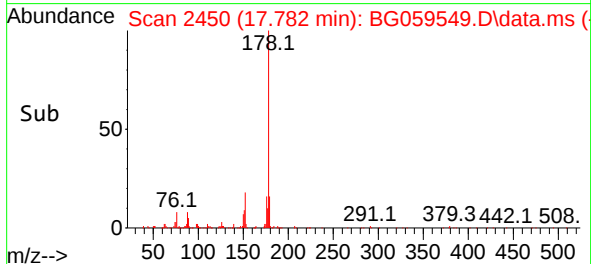
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



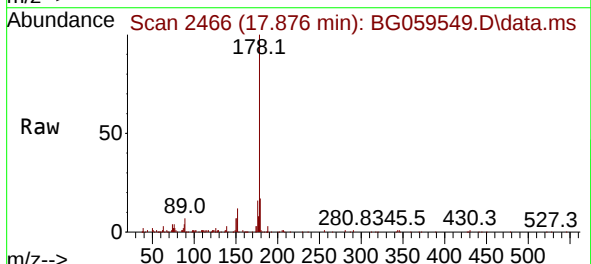
Tgt Ion:178 Resp: 14924
Ion Ratio Lower Upper
178 100
179 16.3 11.3 16.9
176 16.4 15.4 23.0

Manual Integrations
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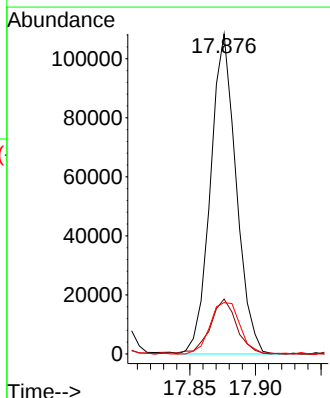
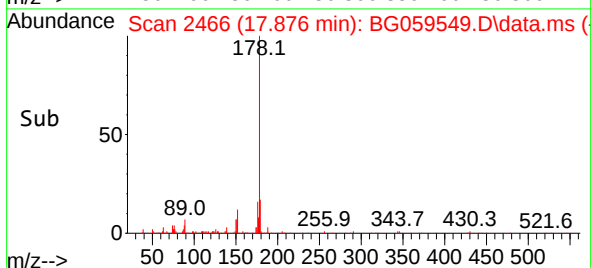
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

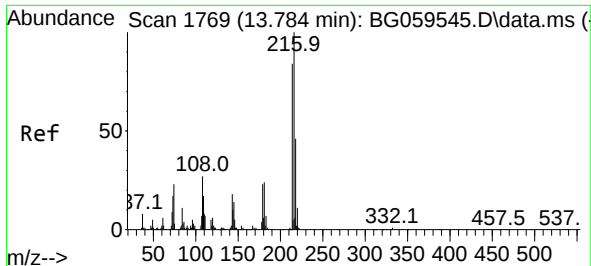


#74
Anthracene
Concen: 3.539 ng/u1
RT: 17.876 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21



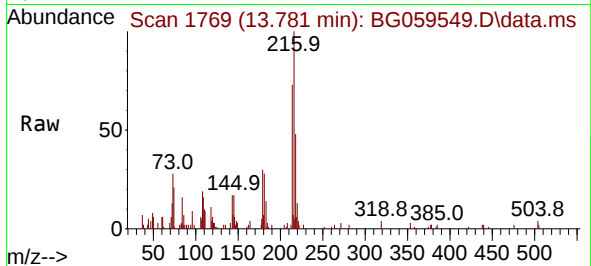
Tgt Ion:178 Resp: 147761
Ion Ratio Lower Upper
178 100
179 17.2 13.1 19.7
176 16.1 13.9 20.9





#75
1,2,3,4-Tetrachlorobenzene
Concen: 2.375 ng/uL
RT: 13.781 min Scan# 1769
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

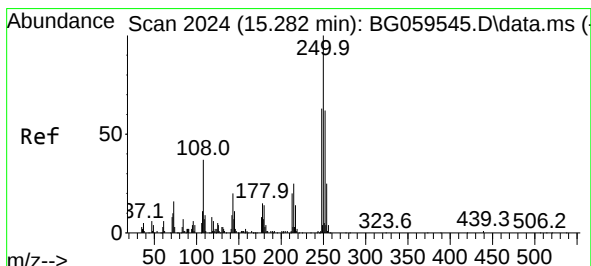
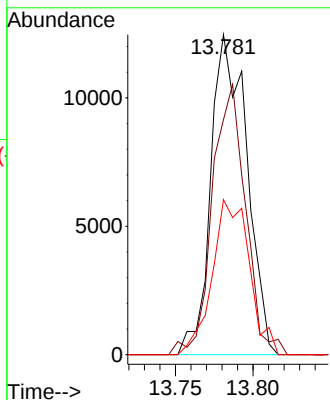
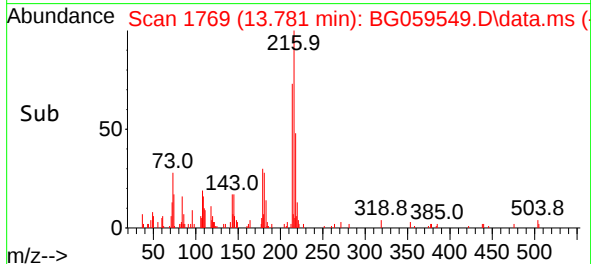
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07



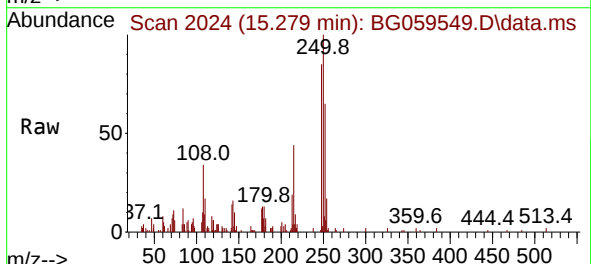
Tgt Ion:216 Resp: 2011
Ion Ratio Lower Upper
216 100
214 73.5 70.2 105.2
218 54.8 39.9 59.9

Manual Integrations
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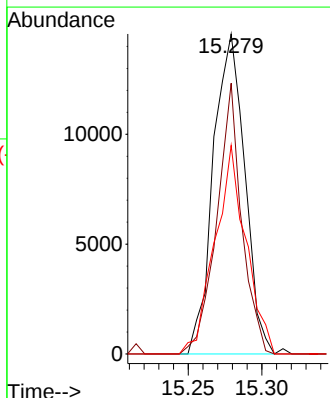
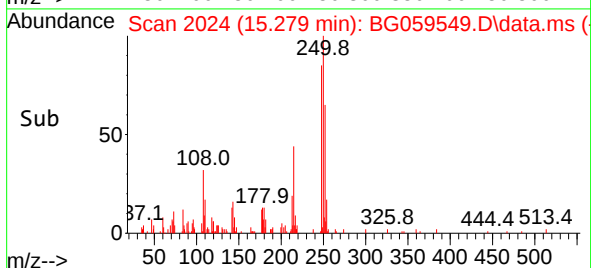
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

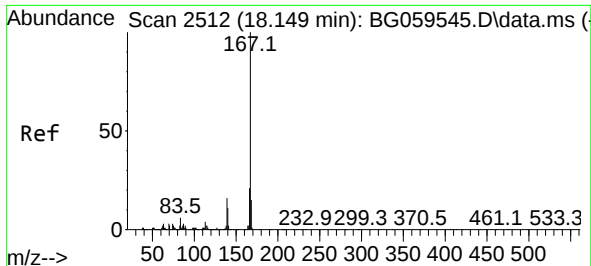


#76
Pentachlorobenzene
Concen: 2.694 ng/uL m
RT: 15.279 min Scan# 2024
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21



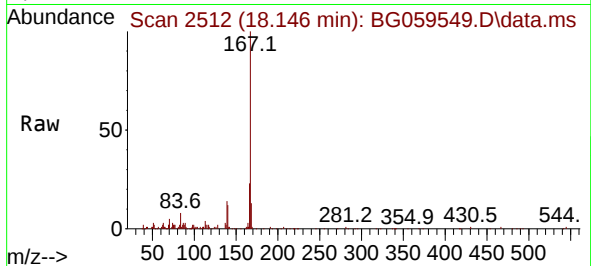
Tgt Ion:250 Resp: 21656
Ion Ratio Lower Upper
250 100
248 84.6 48.7 73.1#
252 65.2 51.2 76.8





#77
 Carbazole
 Concen: 3.753 ng/ul
 RT: 18.146 min Scan# 2512
 Delta R.T. -0.003 min
 Lab File: BG059549.D
 Acq: 30 Oct 2023 17:21

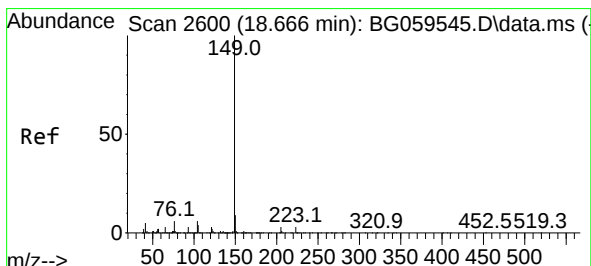
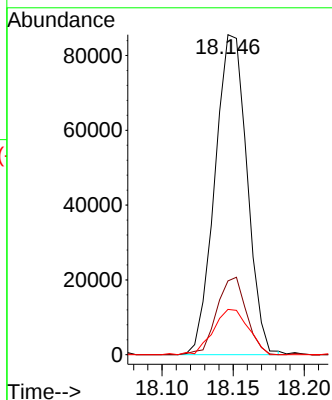
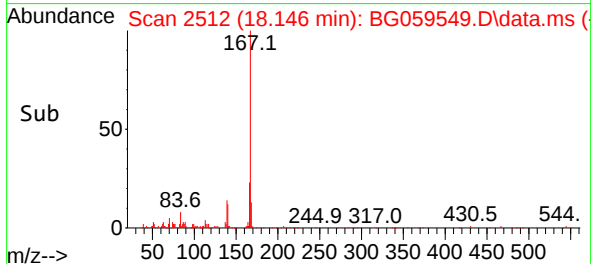
Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT4-2023-07



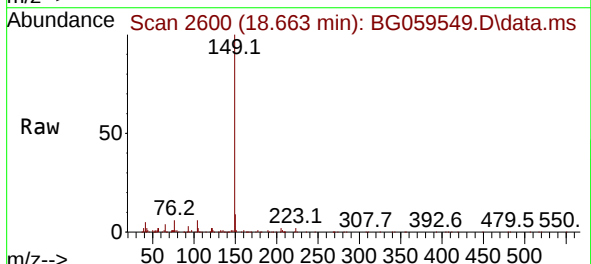
Tgt Ion:167 Resp: 134602
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.4 29.2
 139 14.2 11.7 17.5

Manual Integrations
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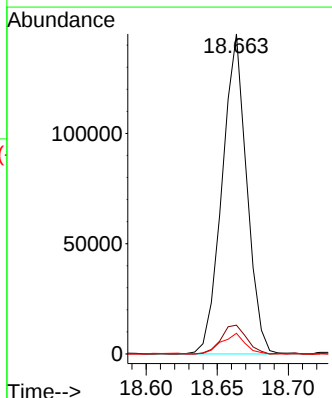
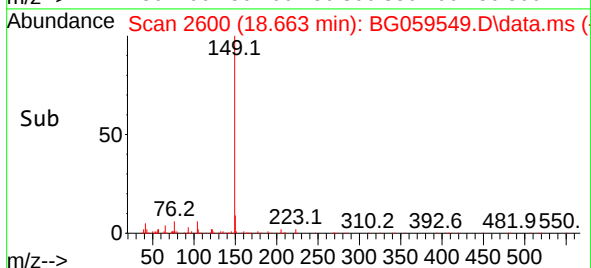
Reviewed By :Yogesh Patel 11/01/2023
 Supervised By :mohammad ahmed 11/01/2023

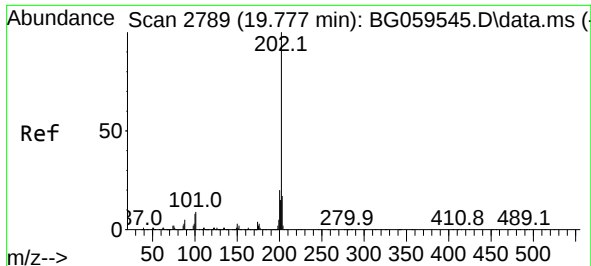


#78
 Di-n-butylphthalate
 Concen: 3.546 ng/ul
 RT: 18.663 min Scan# 2600
 Delta R.T. -0.003 min
 Lab File: BG059549.D
 Acq: 30 Oct 2023 17:21



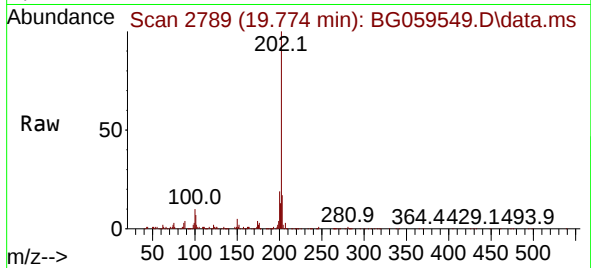
Tgt Ion:149 Resp: 174749
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 6.5 5.3 7.9





#80
Fluoranthene
Concen: 3.790 ng/ul
RT: 19.774 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

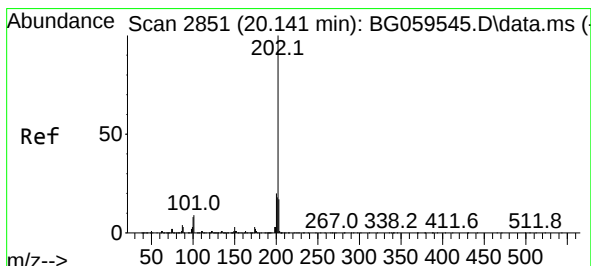
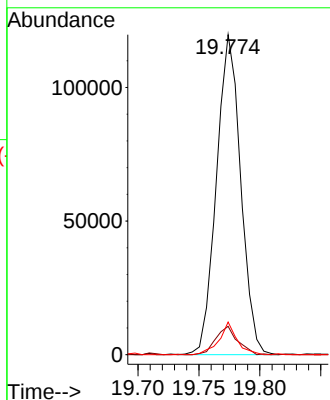
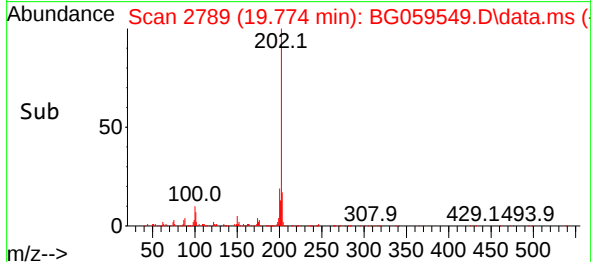
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:202 Resp: 165850
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.6
100 10.2 5.2 7.8

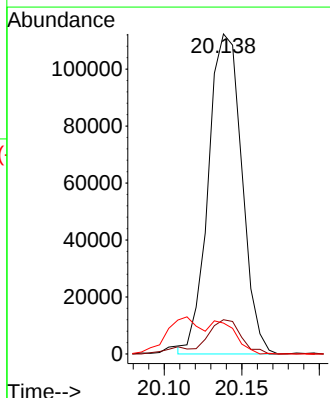
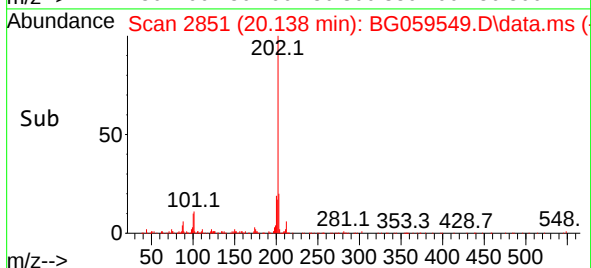
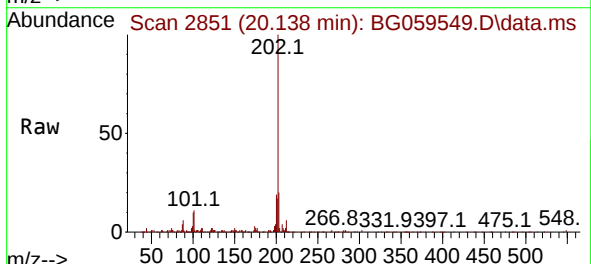
Manual Integrations
APPROVED

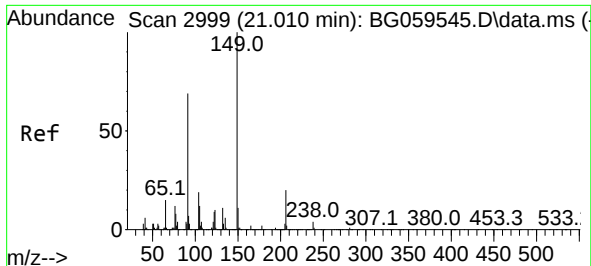
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#82
Pyrene
Concen: 3.710 ng/ul
RT: 20.138 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Tgt Ion:202 Resp: 168642
Ion Ratio Lower Upper
202 100
101 10.7 7.9 11.9
100 9.6 7.9 11.9





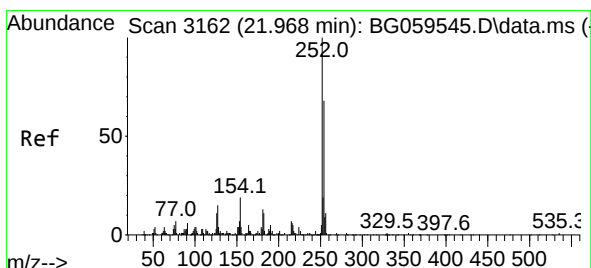
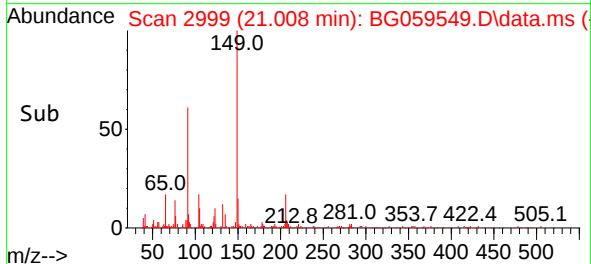
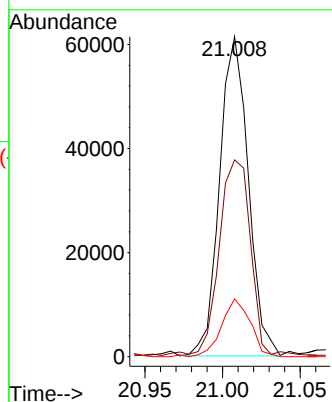
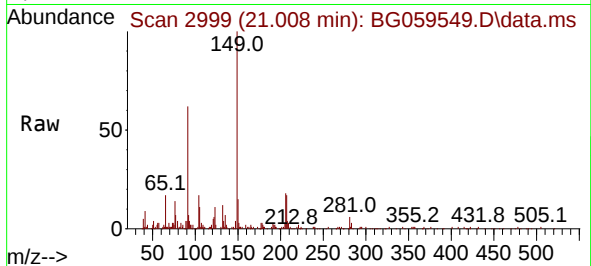
#83
Butylbenzylphthalate
Concen: 3.844 ng/ul
RT: 21.008 min Scan# 2999
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-07

Tgt Ion:	149	Resp:	7892
Ion Ratio	Lower	Upper	
149	100		
91	61.5	52.2	78.2
206	18.1	15.1	22.7

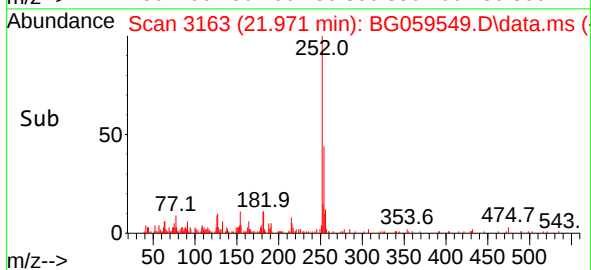
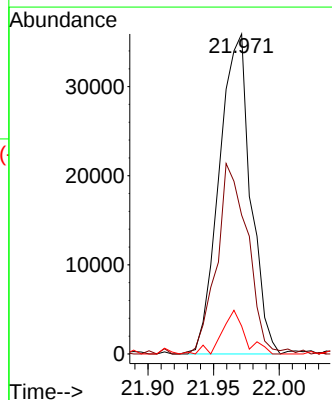
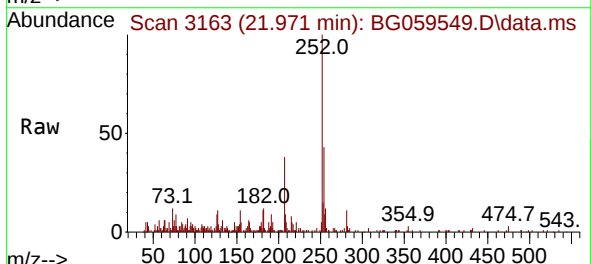
Manual Integrations APPROVED

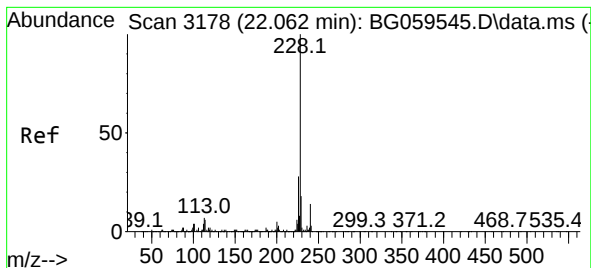
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#84
3,3'-Dichlorobenzidine
Concen: 4.458 ng/ul
RT: 21.971 min Scan# 3163
Delta R.T. 0.002 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Tgt Ion:	252	Resp:	59883
Ion Ratio	Lower	Upper	
252	100		
254	43.4	48.9	73.3#
126	8.7	11.5	17.3#





#85

Benzo(a)anthracene

Concen: 3.601 ng/ul

RT: 22.059 min Scan# 3178

Delta R.T. 0.002 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

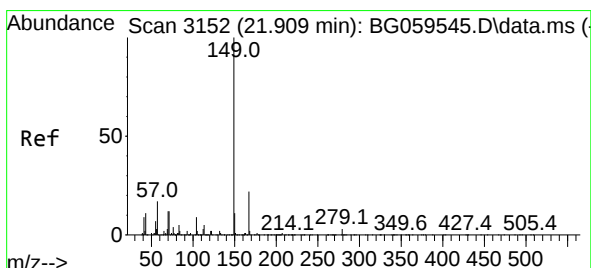
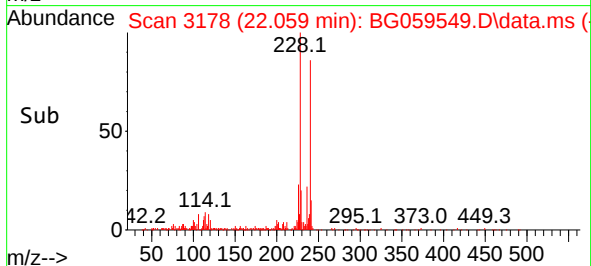
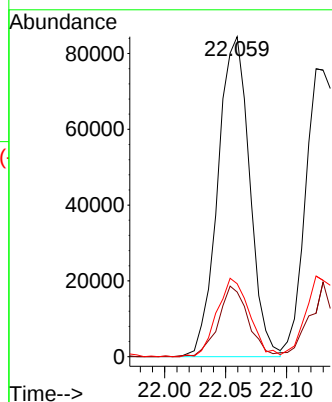
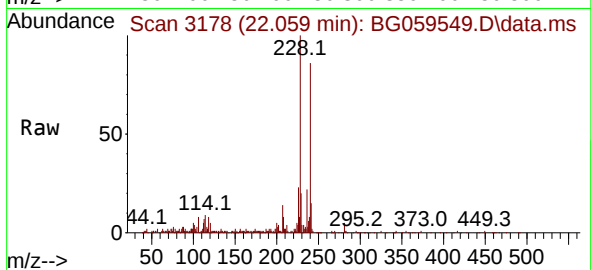
Tgt Ion:	228	Resp:	153040
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.7	25.1
226	22.8	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.744 ng/ul

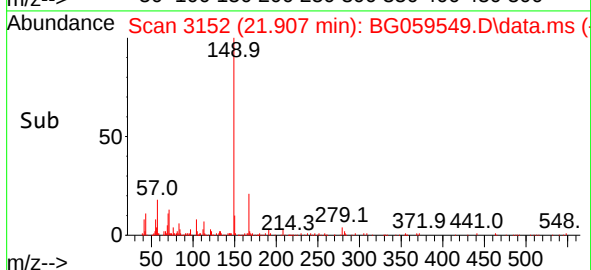
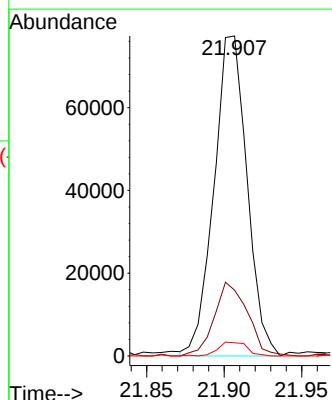
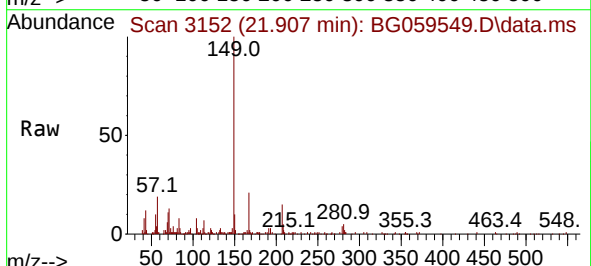
RT: 21.907 min Scan# 3152

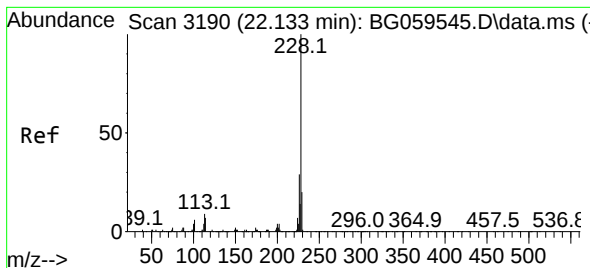
Delta R.T. -0.009 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Tgt Ion:	149	Resp:	114701
Ion Ratio	Lower	Upper	
149	100		
167	20.5	19.4	29.2
279	4.1	2.2	3.4





#87

Chrysene

Concen: 3.580 ng/ul m

RT: 22.124 min Scan# 3190

Delta R.T. -0.009 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

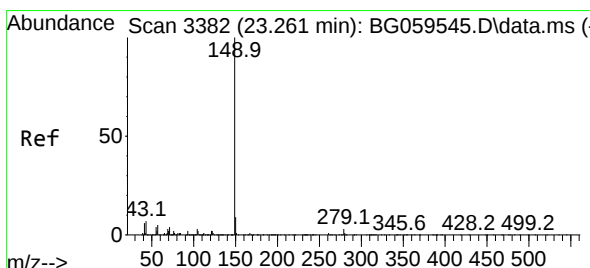
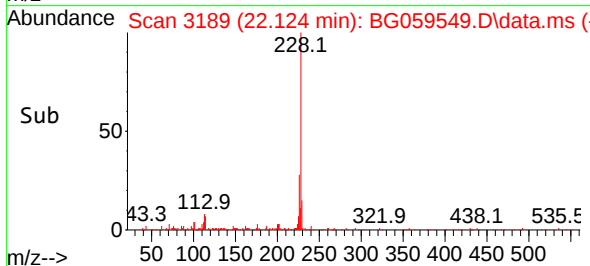
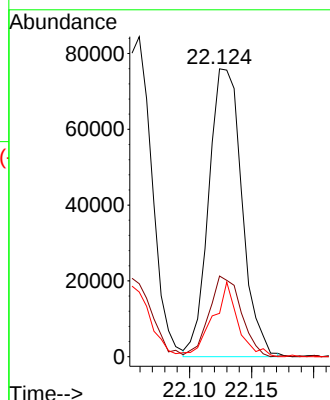
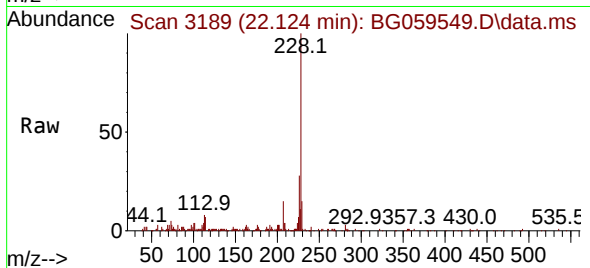
Tgt Ion:228 Resp: 141549
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.0 31.4
 229 15.1 15.1 22.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023



#89

Di-n-octyl phthalate

Concen: 4.085 ng/ul

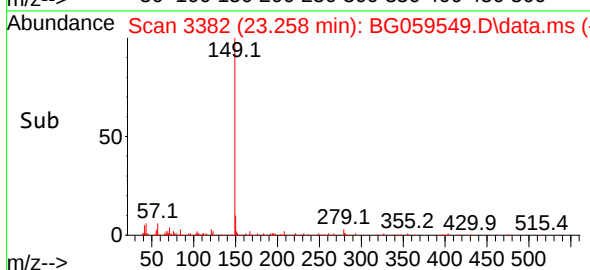
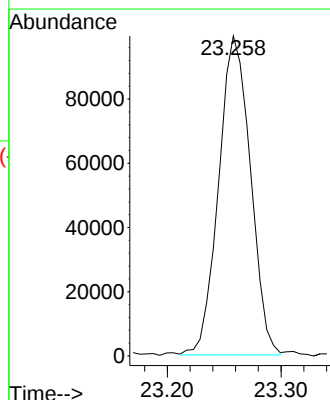
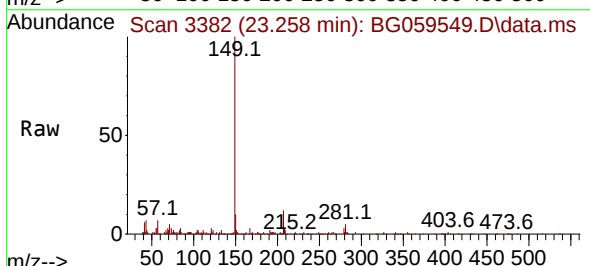
RT: 23.258 min Scan# 3382

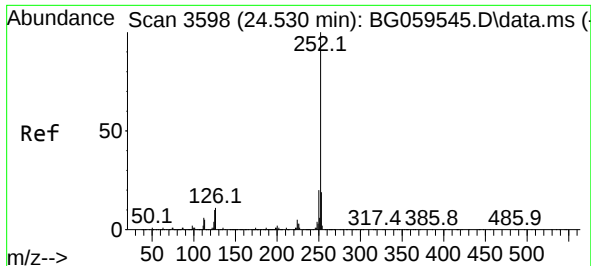
Delta R.T. -0.015 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

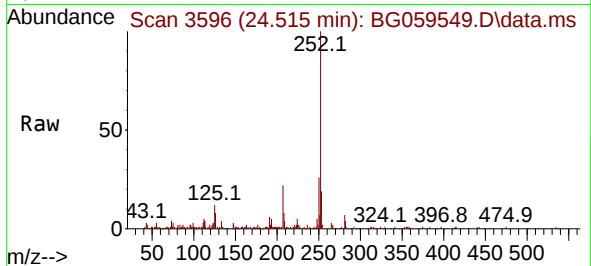
Tgt Ion:149 Resp: 192962





#90
Benzo(b)fluoranthene
Concen: 3.737 ng/ul
RT: 24.515 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

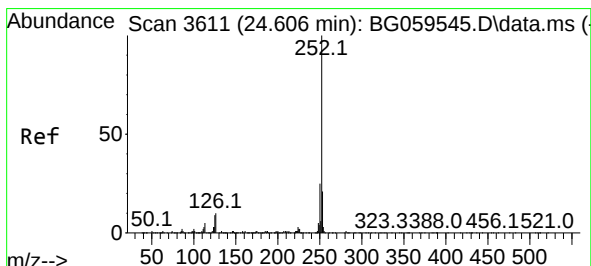
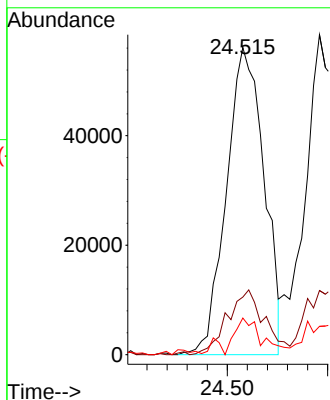
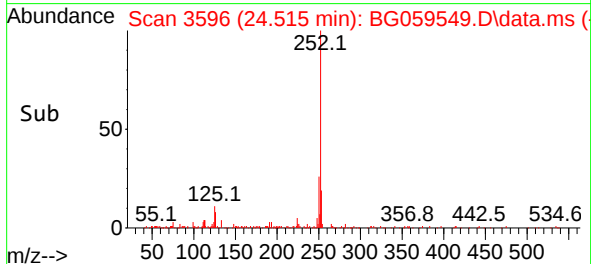
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-07



Tgt Ion:252 Resp: 146129
Ion Ratio Lower Upper
252 100
253 18.7 17.8 26.8
125 11.9 8.6 13.0

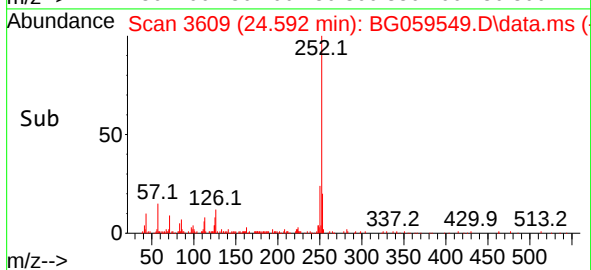
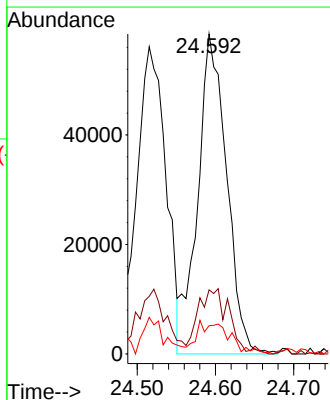
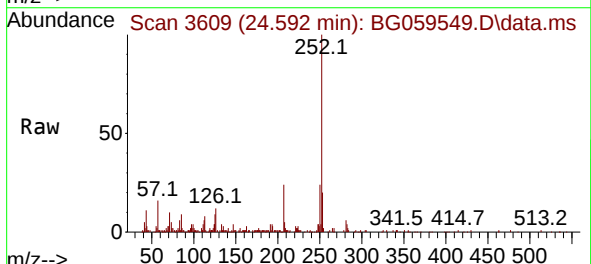
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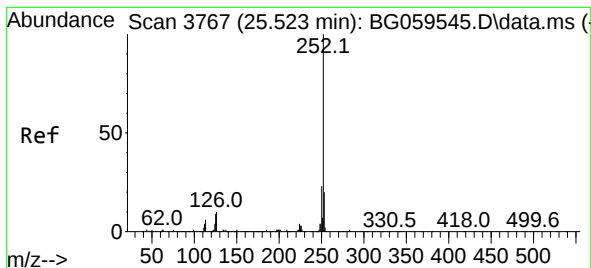
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023



#91
Benzo(k)fluoranthene
Concen: 3.845 ng/ul m
RT: 24.592 min Scan# 3609
Delta R.T. -0.009 min
Lab File: BG059549.D
Acq: 30 Oct 2023 17:21

Tgt Ion:252 Resp: 150180
Ion Ratio Lower Upper
252 100
253 20.0 17.9 26.9
125 8.9 7.9 11.9





#93

Benzo(a)pyrene

Concen: 3.631 ng/ul

RT: 25.514 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

Tgt Ion:252 Resp: 134190

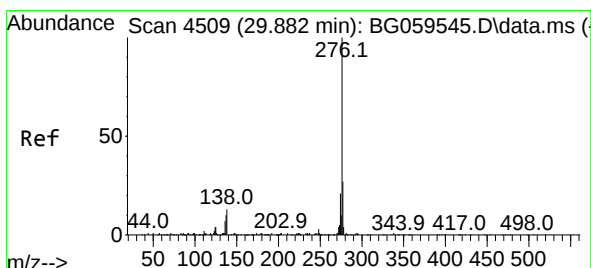
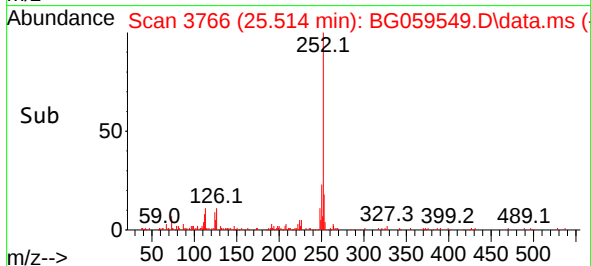
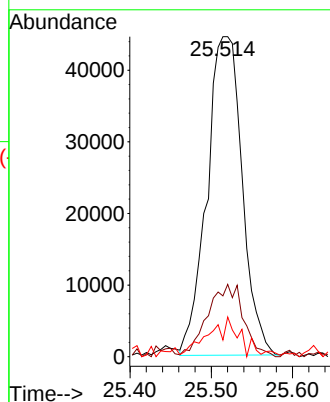
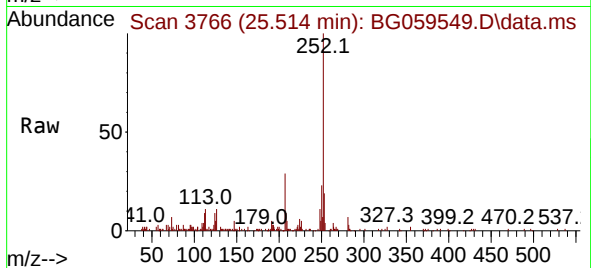
Ion	Ratio	Lower	Upper
252	100		
253	19.0	18.5	27.7
125	5.2	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.615 ng/ul m

RT: 29.856 min Scan# 4505

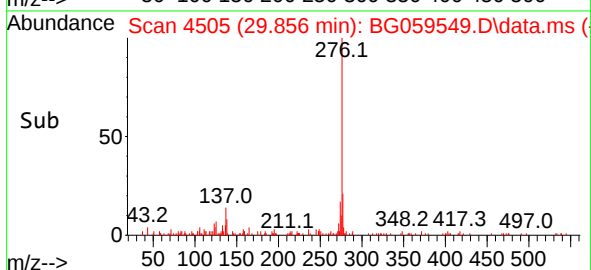
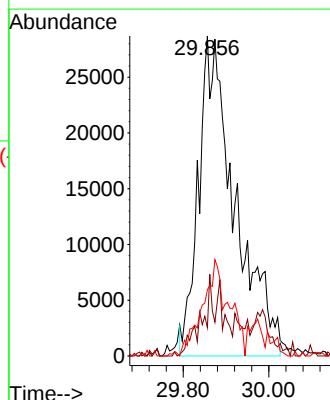
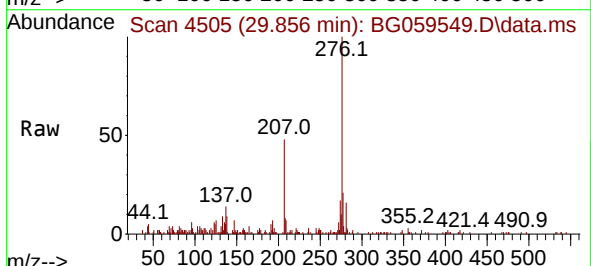
Delta R.T. -0.033 min

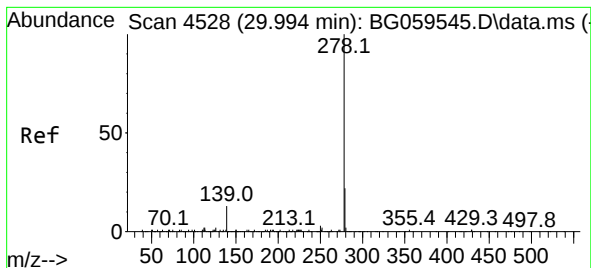
Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Tgt Ion:276 Resp: 169334

Ion	Ratio	Lower	Upper
276	100		
138	8.9	15.3	22.9
277	20.7	16.4	24.6





#95

Dibenzo(a,h)anthracene

Concen: 3.718 ng/ul m

RT: 29.974 min Scan# 4

Delta R.T. -0.009 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Instrument :

BNL_G

ClientSampleId :

MDL-MED-SOIL-QT4-2023-07

Tgt Ion:278 Resp: 14386

Ion Ratio Lower Upper

278 100

139 4.8 11.0 16.6

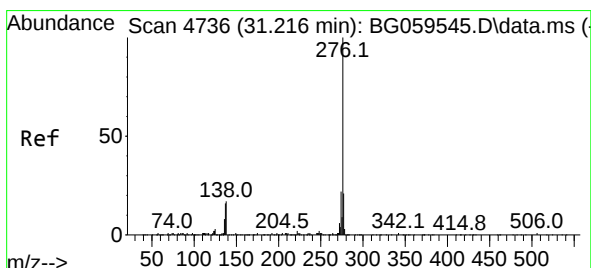
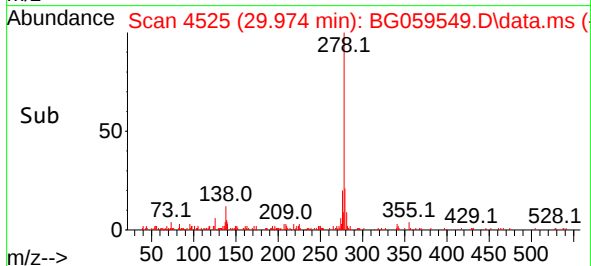
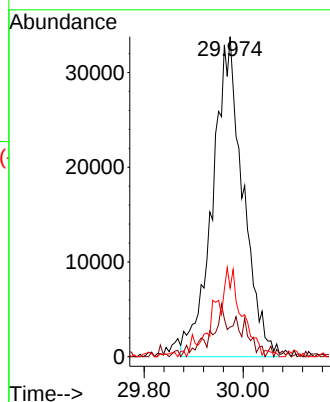
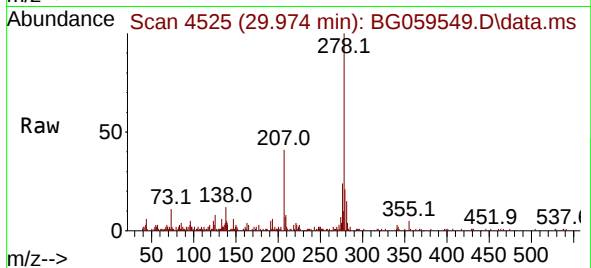
279 21.4 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023



#96

Benzo(g,h,i)perylene

Concen: 3.586 ng/ul m

RT: 31.196 min Scan# 4733

Delta R.T. -0.021 min

Lab File: BG059549.D

Acq: 30 Oct 2023 17:21

Tgt Ion:276 Resp: 137500

Ion Ratio Lower Upper

276 100

138 14.4 16.2 24.2#

277 15.0 18.2 27.4#

