

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
 Data File : BG059559.D
 Acq On : 31 Oct 2023 12:41
 Operator : MA/JU
 Sample : 04696-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-08

Quant Time: Nov 01 04:29:26 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.359	152	99595	20.000	ng/u1	0.00
20) Naphthalene-d8	11.203	136	346619	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.987	164	213853	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	610217	20.000	ng/u1	0.00
79) Chrysene-d12	22.072	240	396569	20.000	ng/u1	0.00
88) Perylene-d12	25.680	264	438371	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	9799	3.681	ng/uL	0.00
4) Pyridine-d5	4.088	84	130836	17.589	ng/u1	0.00
7) Phenol-d5	7.460	99	182069	17.790	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.672	67	79390	16.888	ng/u1	0.00
11) 2-Chlorophenol-d4	7.871	132	138163	16.640	ng/u1	0.00
15) 4-Methylphenol-d8	9.035	113	135767	16.721	ng/u1	0.00
21) Nitrobenzene-d5	9.552	128	65115	26.420	ng/u1	0.00
24) 2-Nitrophenol-d4	10.275	143	72941	28.829	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.797	165	133731	23.990	ng/u1	0.00
31) 4-Chloroaniline-d4	11.344	131	200653	21.866	ng/u1	0.00
46) Dimethylphthalate-d6	14.381	166	398163	20.551	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	491691	21.625	ng/u1	0.00
54) 4-Nitrophenol-d4	15.145	143	81829	24.629	ng/u1	0.00
60) Fluorene-d10	15.974	176	358455	21.649	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.074	200	50412	17.445	ng/u1	0.00
73) Anthracene-d10	17.836	188	716514	21.674	ng/u1	0.00
81) Pyrene-d10	20.104	212	607716	22.047	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.433	264	586064	22.704	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Pyridine	4.105	79	20105m	2.740	ng/u1	
6) Benzaldehyde	7.501	77	16683	3.619	ng/u1#	84
8) Phenol	7.495	94	29711	3.079	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.766	93	19855	2.806	ng/u1	93
12) 2-Chlorophenol	7.901	128	23776	2.888	ng/u1	96
13) 2-Methylphenol	8.770	108	21946	2.728	ng/u1#	76
14) 2,2'-oxybis(1-Chloropr...	8.864	45	16891m	2.537	ng/u1	
16) Acetophenone	9.193	105	34942	2.730	ng/u1	90
17) N-Nitroso-di-n-propyla...	9.158	70	13918	2.308	ng/u1#	92
18) 4-Methylphenol	9.105	108	24174	2.825	ng/u1	90
19) Hexachloroethane	9.440	117	9979	3.052	ng/u1#	54
22) Nitrobenzene	9.593	77	25170	4.732	ng/u1#	89
23) Isophorone	10.104	82	44978	3.357	ng/u1#	80
25) 2-Nitrophenol	10.304	139	11902	4.374	ng/u1#	84
26) 2,4-Dimethylphenol	10.327	107	23070	3.223	ng/u1#	88
27) Bis(2-Chloroethoxy)met...	10.592	93	25285	3.390	ng/u1#	95
29) 2,4-Dichlorophenol	10.821	162	22498	4.172	ng/u1#	74
30) Naphthalene	11.256	128	78726	3.644	ng/u1	95
32) 4-Chloroaniline	11.367	127	32407	3.718	ng/u1#	81
33) Hexachlorobutadiene	11.491	225	11760	3.635	ng/u1#	66
34) Caprolactam	12.131	113	6969m	3.532	ng/u1	
35) 4-Chloro-3-methylphenol	12.431	107	26925	4.184	ng/u1#	86
36) 2-Methylnaphthalene	12.836	142	58341	3.925	ng/u1	90
37) 1-Methylnaphthalene	13.048	142	59124	3.994	ng/u1#	92

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Instrument :
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 ClientSampleId :
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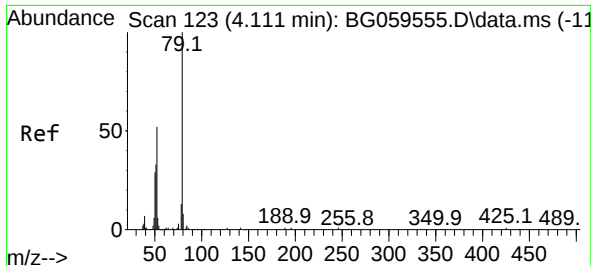
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 Quant Title : SVOA CALIBRATION
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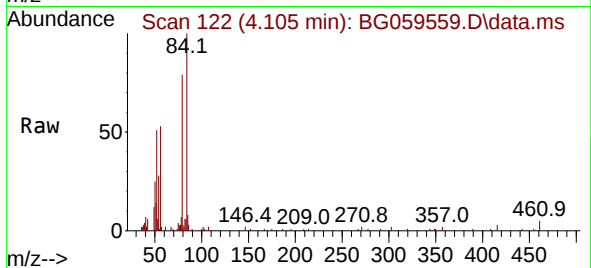
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
39) 1,2,4,5-Tetrachloroben...	13.177	216	22145	3.590	ng/ul	93	11/02/2023
40) Hexachlorocyclopentadiene	13.130	237	13103	3.644	ng/ul#	90	Supervised By :mohammad
41) 2,4,6-Trichlorophenol	13.412	196	16479	3.858	ng/ul#	82	ahmed
42) 2,4,5-Trichlorophenol	13.477	196	19213	4.155	ng/ul	90	
43) 1,1'-Biphenyl	13.823	154	73961	3.823	ng/ul	98	
44) 2-Chloronaphthalene	13.876	162	56301	3.744	ng/ul	98	
45) 2-Nitroaniline	14.082	65	12837	4.588	ng/ul#	87	11/02/2023
47) Dimethylphthalate	14.428	163	69905	3.652	ng/ul#	95	
48) 2,6-Dinitrotoluene	14.564	165	12248	4.242	ng/ul#	97	
50) Acenaphthylene	14.716	152	96287	3.675	ng/ul	99	
51) 3-Nitroaniline	14.899	138	15445	4.291	ng/ul#	73	
52) Acenaphthene	15.051	153	59298	3.472	ng/ul	90	
53) 2,4-Dinitrophenol	15.098	184	6448	3.930	ng/ul	95	
55) 4-Nitrophenol	15.163	109	13996	3.822	ng/ul#	86	
56) Dibenzofuran	15.380	168	77464	3.499	ng/ul	99	
57) 2,4-Dinitrotoluene	15.339	165	18645	4.590	ng/ul	97	
58) 2,3,4,6-Tetrachlorophenol	15.586	232	15593	4.297	ng/ul#	76	
59) Diethylphthalate	15.774	149	68610	3.286	ng/ul	94	
61) Fluorene	16.027	166	68710	3.595	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	16.015	204	29617	3.626	ng/ul	86	
63) 4-Nitroaniline	16.062	138	17237	4.513	ng/ul#	81	
66) 4,6-Dinitro-2-methylph...	16.085	198	8987	2.951	ng/ul#	24	
67) N-Nitrosodiphenylamine	16.226	169	57355	2.751	ng/ul#	82	
68) 4-Bromophenyl-phenylether	16.914	248	18239	2.987	ng/ul	92	
69) Hexachlorobenzene	16.996	284	18769	2.660	ng/ul	94	
70) Atrazine	17.161	200	20380	3.154	ng/ul	99	
71) Pentachlorophenol	17.349	266	13527m	3.355	ng/ul		
72) Phenanthrene	17.777	178	146119	3.683	ng/ul	99	
74) Anthracene	17.871	178	148824m	3.716	ng/ul		
75) 1,2,3,4-Tetrachloroben...	13.782	216	22508	2.770	ng/uL#	91	
76) Pentachlorobenzene	15.275	250	23929	3.103	ng/uL	93	
77) Carbazole	18.148	167	135422	3.936	ng/ul#	96	
78) Di-n-butylphthalate	18.659	149	173432	3.668	ng/ul#	97	
80) Fluoranthene	19.775	202	126844	3.775	ng/ul	98	
82) Pyrene	20.134	202	124523	3.568	ng/ul#	92	
83) Butylbenzylphthalate	21.003	149	58835	3.733	ng/ul	94	
84) 3,3'-Dichlorobenzidine	21.961	252	41527	4.027	ng/ul	96	
85) Benzo(a)anthracene	22.055	228	116870	3.581	ng/ul	96	
86) Bis(2-ethylhexyl)phtha...	21.902	149	85797	3.648	ng/ul#	94	
87) Chrysene	22.125	228	108888	3.587	ng/ul	95	
89) Di-n-octyl phthalate	23.253	149	147449	3.842	ng/ul	100	
90) Benzo(b)fluoranthene	24.511	252	116344m	3.661	ng/ul		
91) Benzo(k)fluoranthene	24.593	252	115101	3.626	ng/ul	99	
93) Benzo(a)pyrene	25.510	252	106147	3.534	ng/ul#	92	
94) Indeno(1,2,3-cd)pyrene	29.869	276	140599m	3.693	ng/ul		
95) Dibenzo(a,h)anthracene	29.946	278	117233m	3.729	ng/ul		
96) Benzo(g,h,i)perylene	31.179	276	111669m	3.584	ng/ul		

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



#5
Pyridine
Concen: 2.740 ng/ul m
RT: 4.105 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

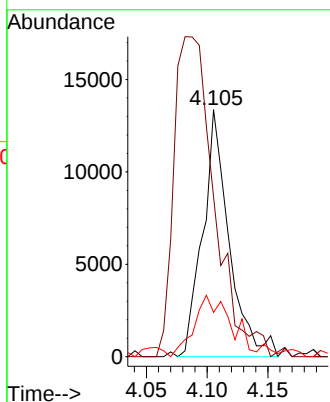
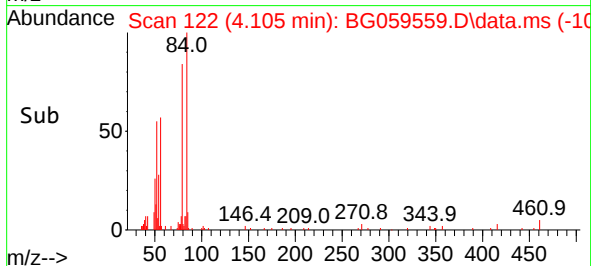
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 79 Resp: 2010
Ion Ratio Lower Upper
79 100
52 64.7 53.3 79.9
51 18.0 22.4 33.6

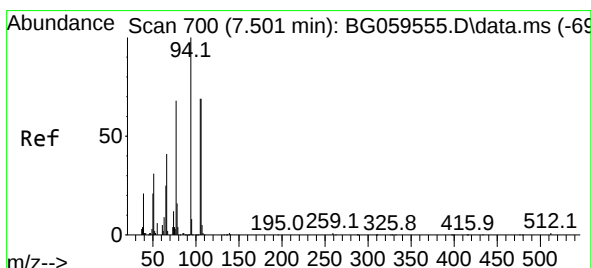
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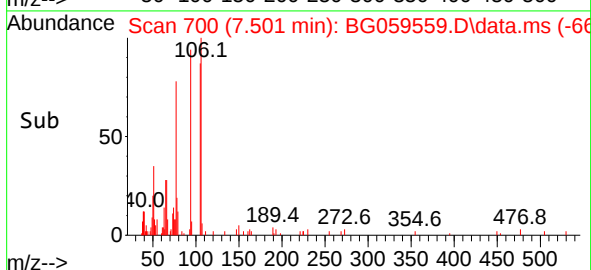
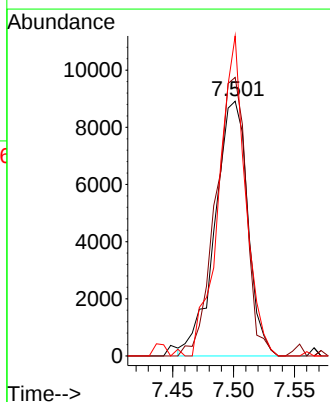
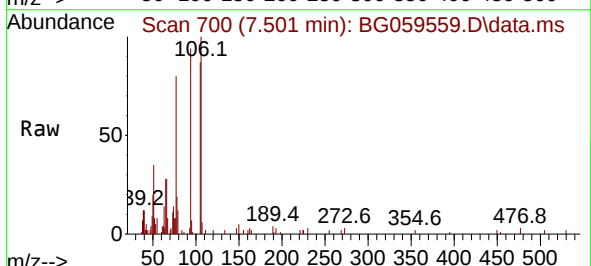
11/02/2023
Supervised By :mohammad
ahmed

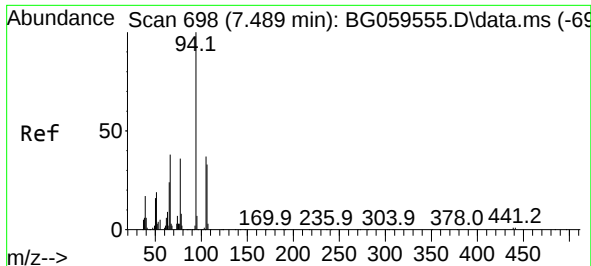
11/02/2023



#6
Benzaldehyde
Concen: 3.619 ng/ul
RT: 7.501 min Scan# 700
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

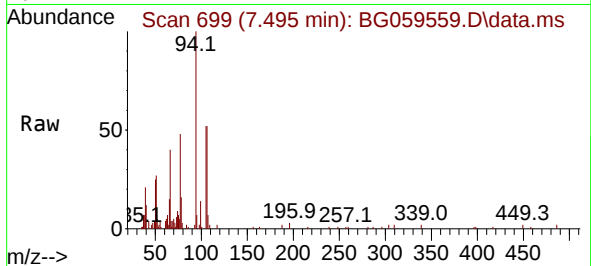
Tgt Ion: 77 Resp: 16683
Ion Ratio Lower Upper
77 100
105 109.4 83.6 125.4
106 125.6 78.6 118.0





#8
Phenol
Concen: 3.079 ng/ul
RT: 7.495 min Scan# 698
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

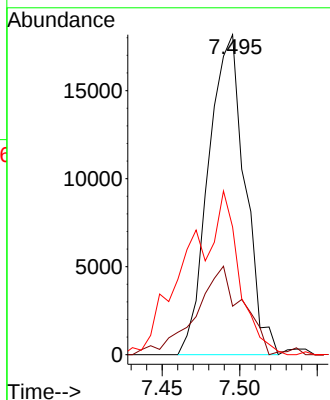
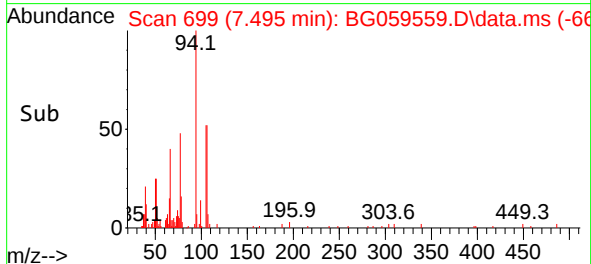
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 94 Resp: 2971
Ion Ratio Lower Upper
94 100
65 15.2 22.5 33.7
66 39.9 31.1 46.7

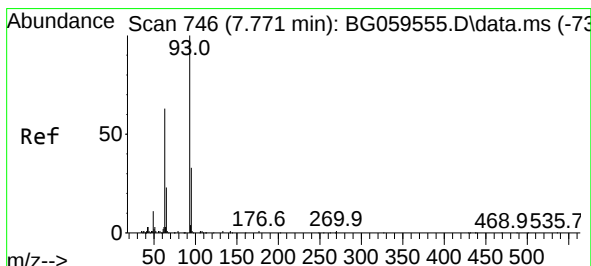
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Patel



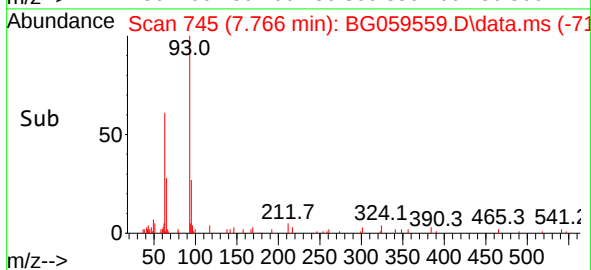
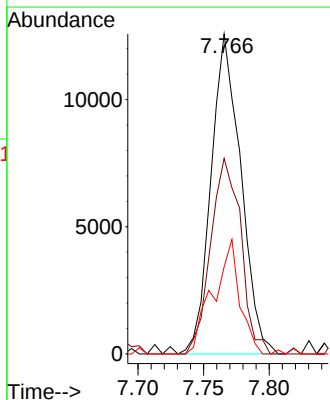
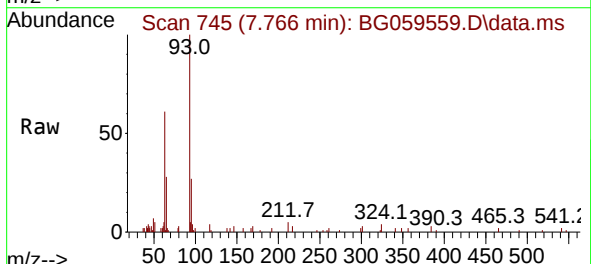
11/02/2023
Supervised By :mohammad
ahmed

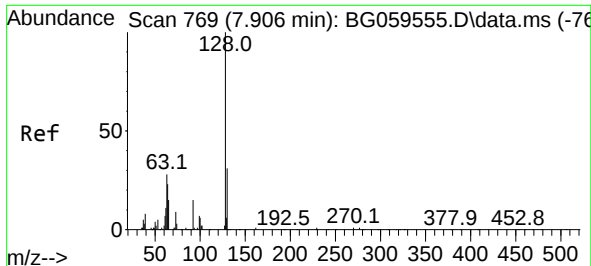
11/02/2023



#10
Bis(2-Chloroethyl)ether
Concen: 2.806 ng/ul
RT: 7.766 min Scan# 745
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion: 93 Resp: 19855
Ion Ratio Lower Upper
93 100
63 61.1 52.5 78.7
95 27.2 26.5 39.7





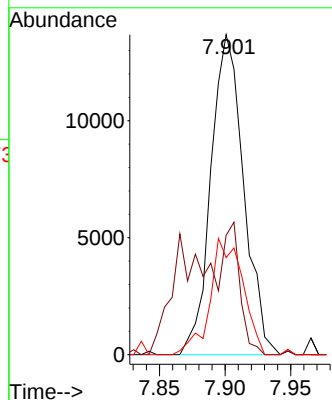
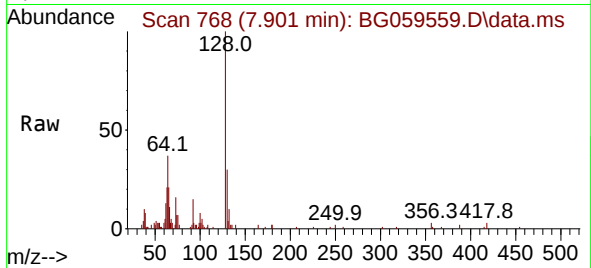
#12
2-Chlorophenol
Concen: 2.888 ng/ul
RT: 7.901 min Scan# 701
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08

Tgt Ion:128 Resp: 23770
Ion Ratio Lower Upper
128 100
64 37.3 30.2 45.2
130 30.3 27.9 41.9

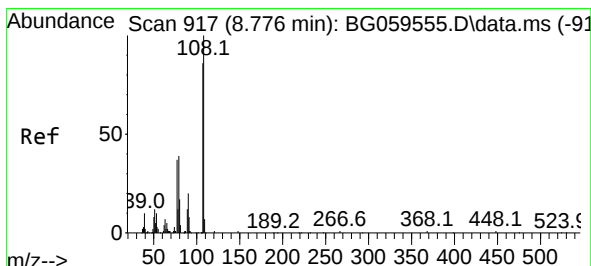
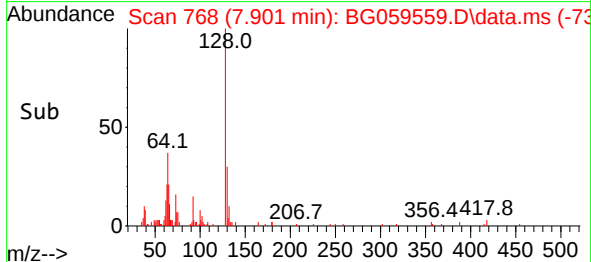
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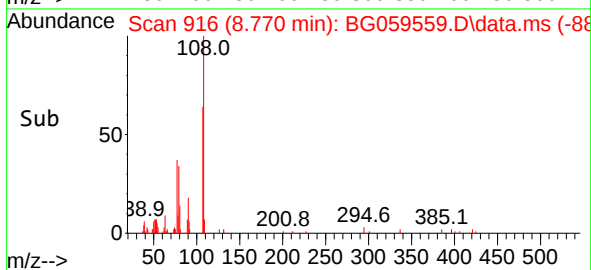
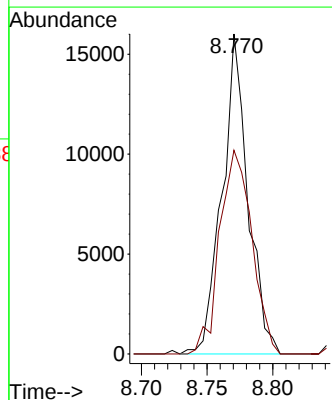
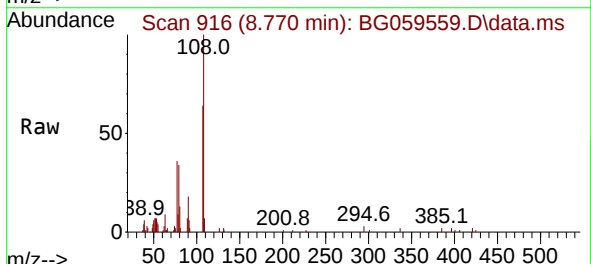
11/02/2023
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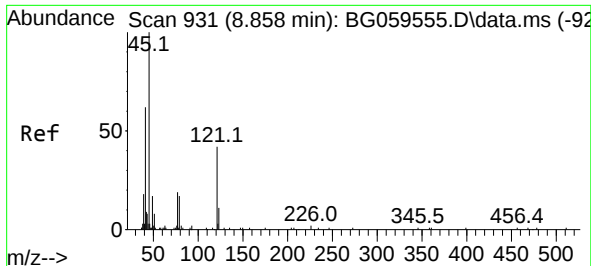
11/02/2023



#13
2-Methylphenol
Concen: 2.728 ng/ul
RT: 8.770 min Scan# 916
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

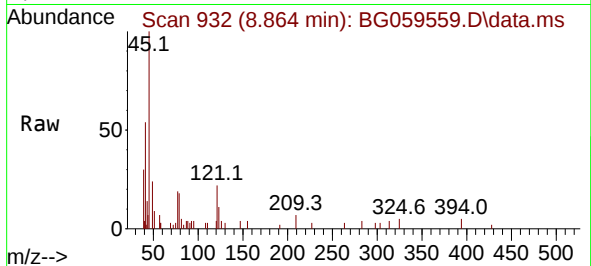
Tgt Ion:108 Resp: 21946
Ion Ratio Lower Upper
108 100
107 63.6 68.6 102.8





#14
2,2'-oxybis(1-Chloropropane)
Concen: 2.537 ng/ul m
RT: 8.864 min Scan# 91
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

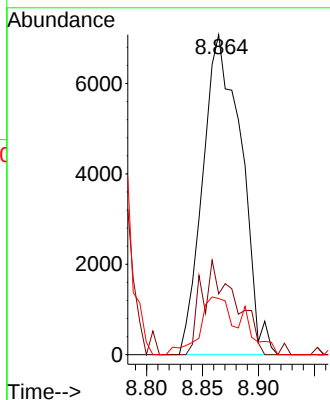
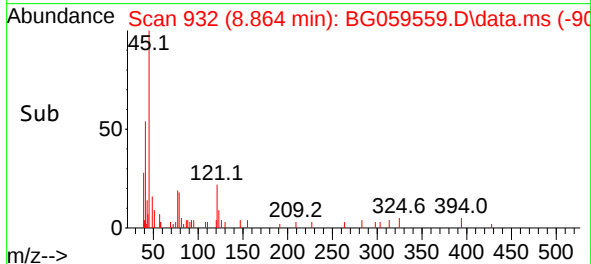
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 45 Resp: 1689
Ion Ratio Lower Upper
45 100
77 19.0 15.0 22.6
79 17.5 10.0 15.0

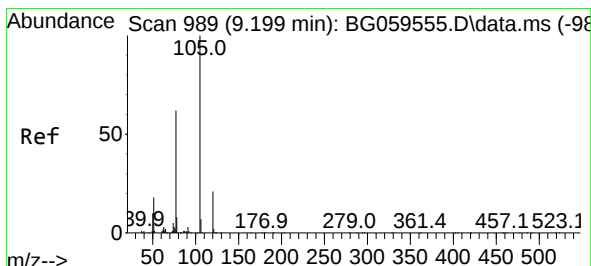
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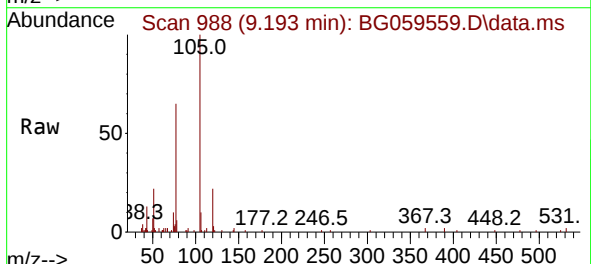


11/02/2023
Supervised By :mohammad
ahmed

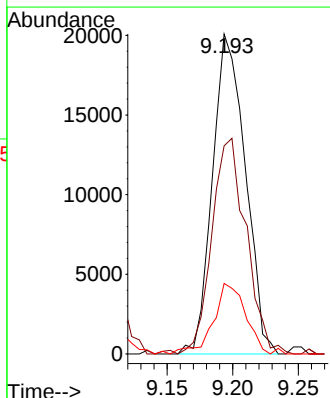
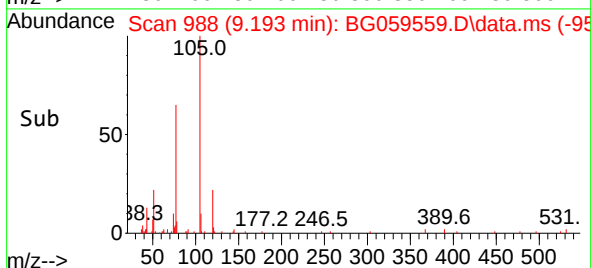
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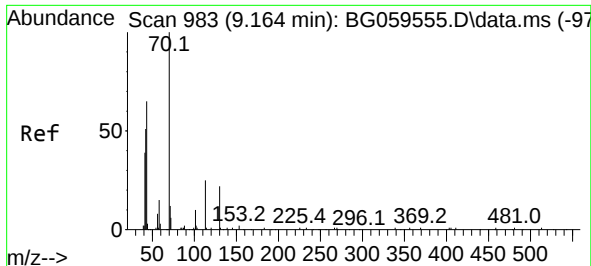


#16
Acetophenone
Concen: 2.730 ng/ul
RT: 9.193 min Scan# 988
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41



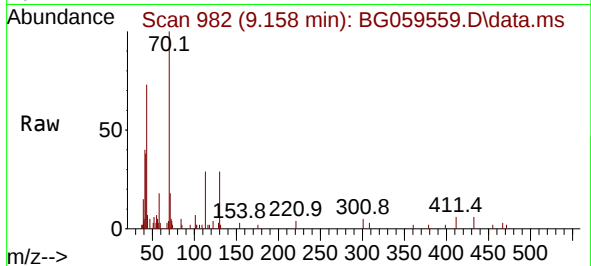
Tgt Ion:105 Resp: 34942
Ion Ratio Lower Upper
105 100
77 65.1 59.6 89.4
51 22.0 16.2 24.4





#17
N-Nitroso-di-n-propylamine
Concen: 2.308 ng/ul
RT: 9.158 min Scan# 918
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

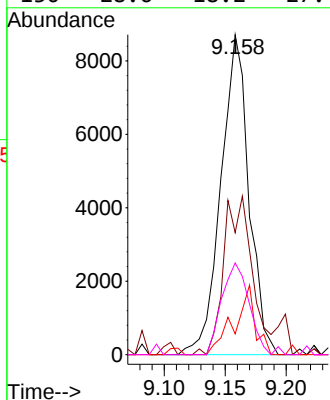
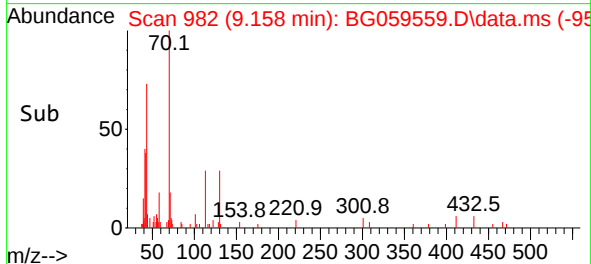
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 70 Resp: 13918
Ion Ratio Lower Upper
70 100
42 38.2 33.8 50.8
101 6.5 5.4 8.0
130 28.6 18.2 27.4#

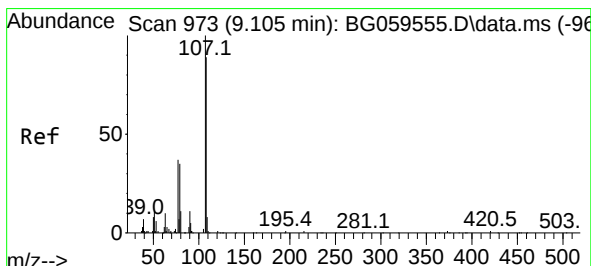
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



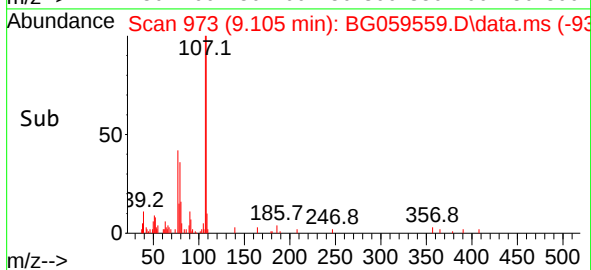
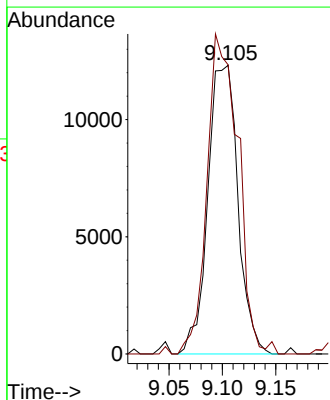
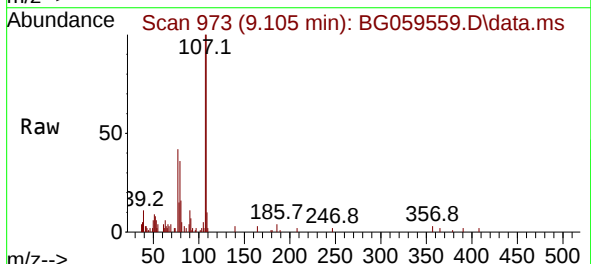
11/02/2023
Supervised By :mohammad
ahmed

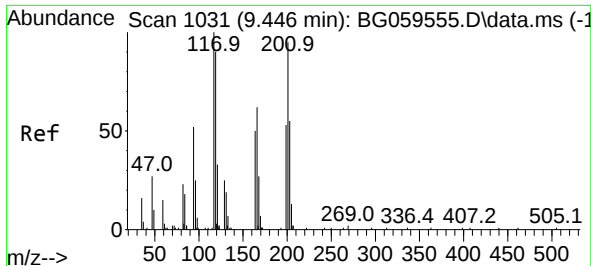
11/02/2023



#18
4-Methylphenol
Concen: 2.825 ng/ul
RT: 9.105 min Scan# 973
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:108 Resp: 24174
Ion Ratio Lower Upper
108 100
107 100.2 88.9 133.3





#19

Hexachloroethane

Concen: 3.052 ng/ul

RT: 9.440 min Scan# 1031

Delta R.T. -0.014 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

Instrument :

BNA_G

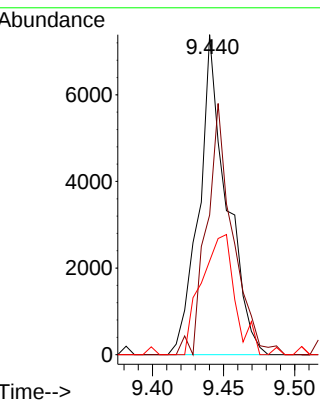
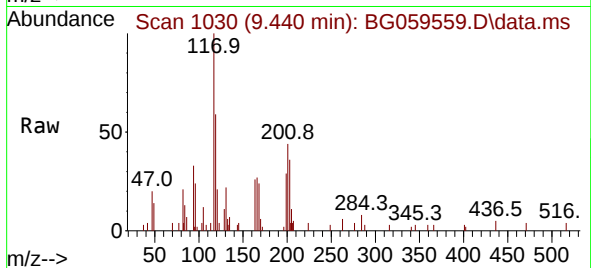
ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

Tgt Ion:	117	Resp:	9979
Ion Ratio	Lower	Upper	
117	100		
201	43.6	75.8	113.6
199	29.3	42.3	63.5

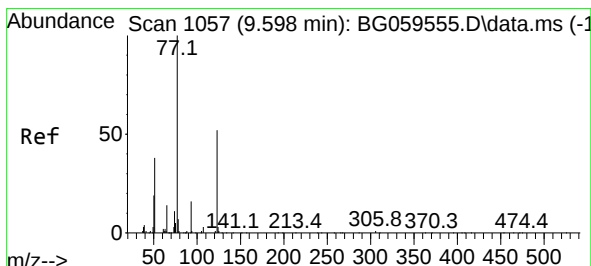
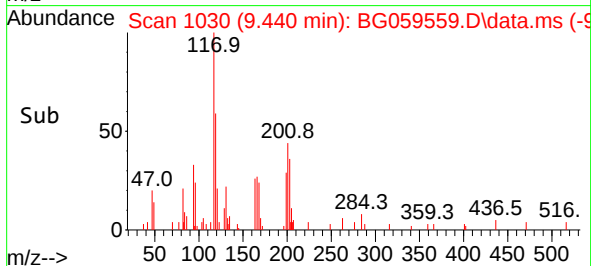
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#22

Nitrobenzene

Concen: 4.732 ng/ul

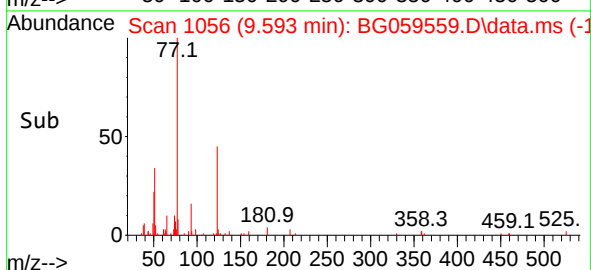
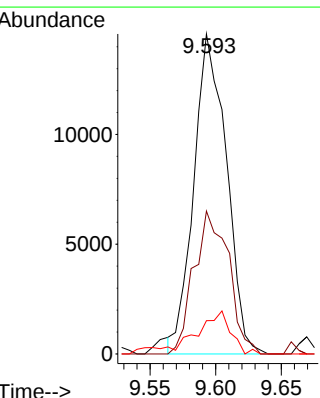
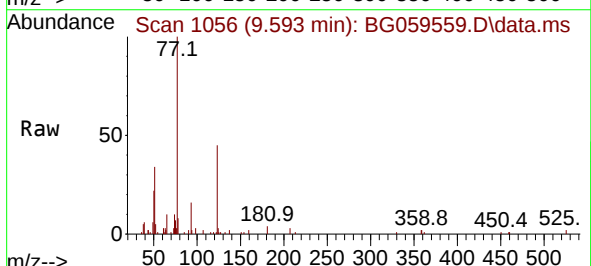
RT: 9.593 min Scan# 1056

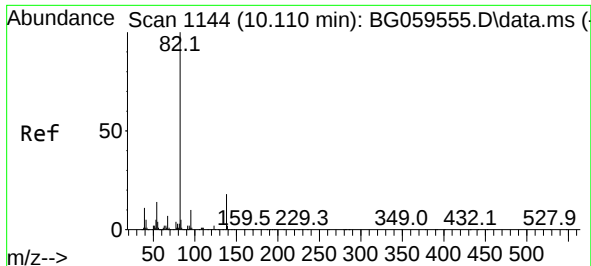
Delta R.T. -0.014 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

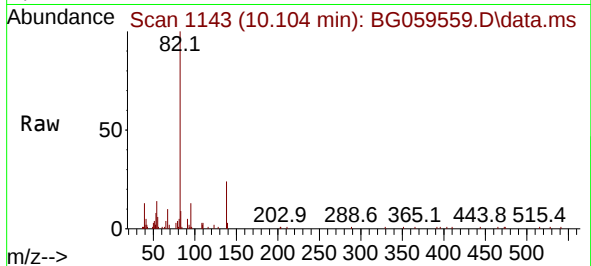
Tgt Ion:	77	Resp:	25170
Ion Ratio	Lower	Upper	
77	100		
123	44.7	42.6	63.8
65	10.4	11.0	16.4





#23
Isophorone
Concen: 3.357 ng/ul
RT: 10.104 min Scan# 1144
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

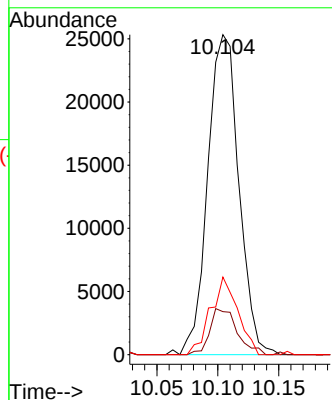
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 82 Resp: 44978
Ion Ratio Lower Upper
82 100
95 13.5 5.6 8.4
138 24.2 12.3 18.5

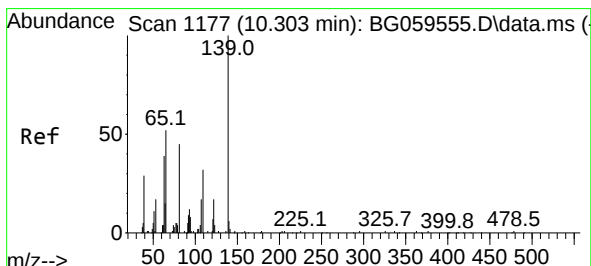
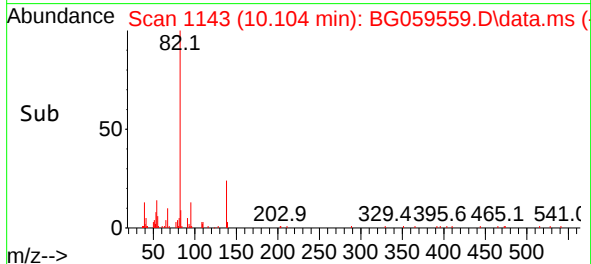
Manual Integrations
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Reviewed By :Yogesh
Patel



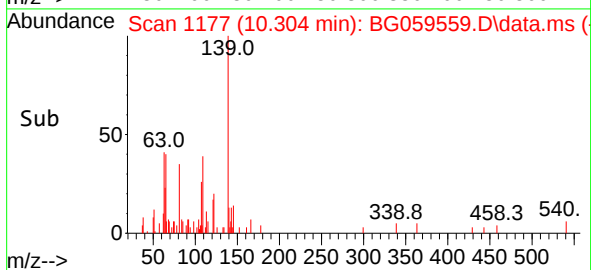
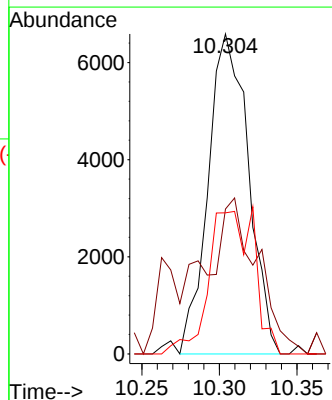
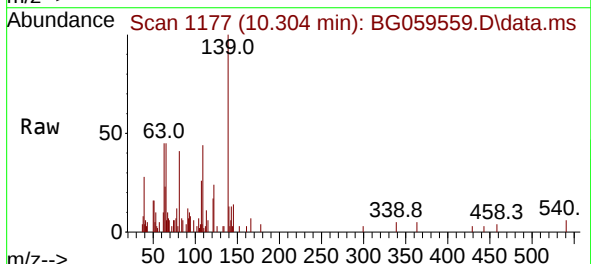
11/02/2023
Supervised By :mohammad
ahmed

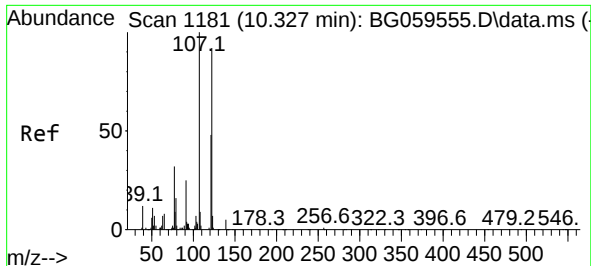
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#25
2-Nitrophenol
Concen: 4.374 ng/ul
RT: 10.304 min Scan# 1177
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

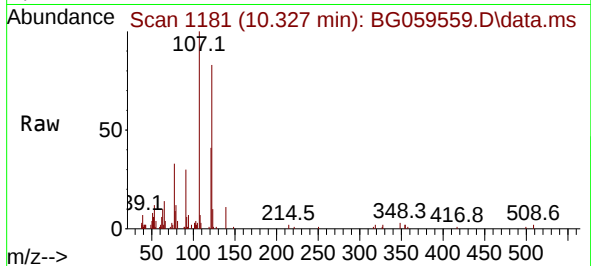
Tgt Ion:139 Resp: 11902
Ion Ratio Lower Upper
139 100
65 45.3 39.7 59.5
109 44.1 21.0 31.6





#26
2,4-Dimethylphenol
Concen: 3.223 ng/ul
RT: 10.327 min Scan# 1181
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

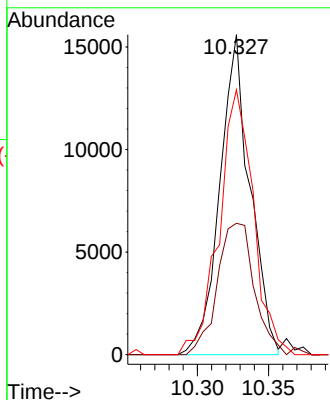
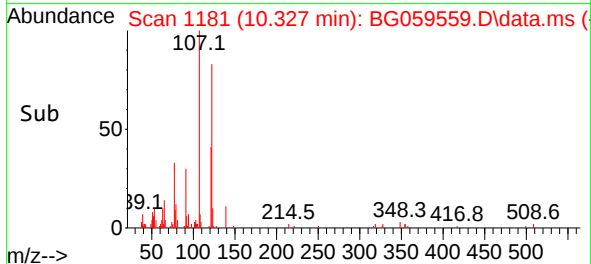
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:107 Resp: 23070
Ion Ratio Lower Upper
107 100
121 41.0 42.7 64.1
122 82.8 72.6 108.8

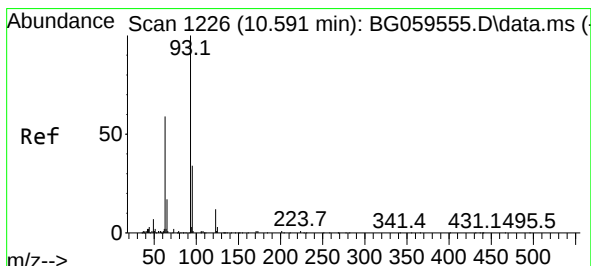
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Reviewed By :Yogesh
Patel

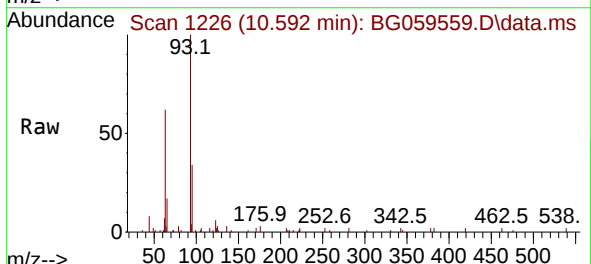


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Supervised By :mohammad
ahmed

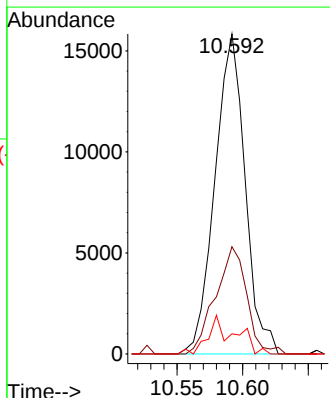
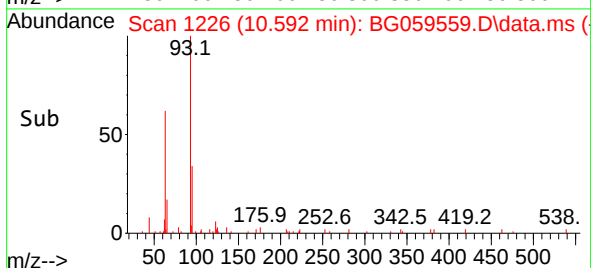
11/02/2023

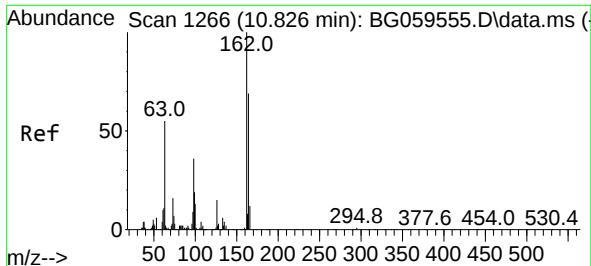


#27
Bis(2-Chloroethoxy)methane
Concen: 3.390 ng/ul
RT: 10.592 min Scan# 1226
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41



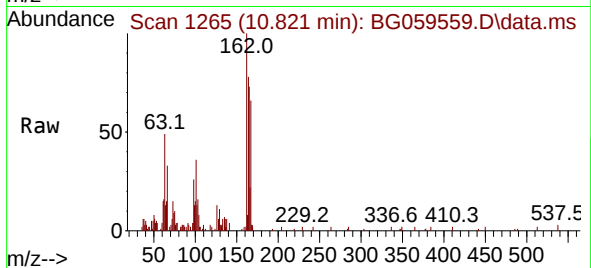
Tgt Ion: 93 Resp: 25285
Ion Ratio Lower Upper
93 100
95 33.5 27.1 40.7
123 6.3 10.3 15.5#





#29
2,4-Dichlorophenol
Concen: 4.172 ng/ul
RT: 10.821 min Scan# 1265
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

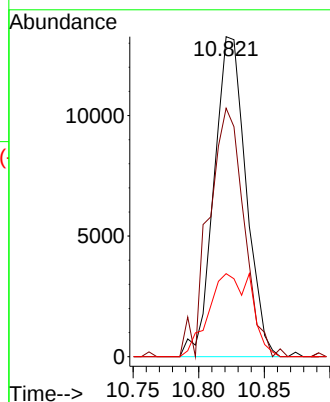
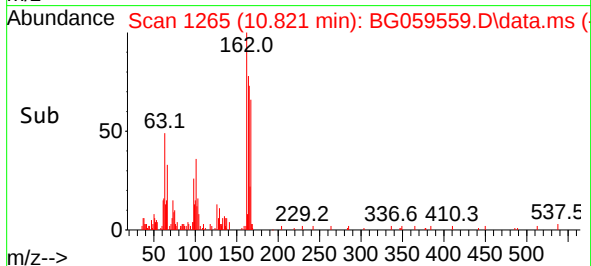
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:162 Resp: 22498
Ion Ratio Lower Upper
162 100
164 77.6 45.3 67.9
98 26.0 32.2 48.4

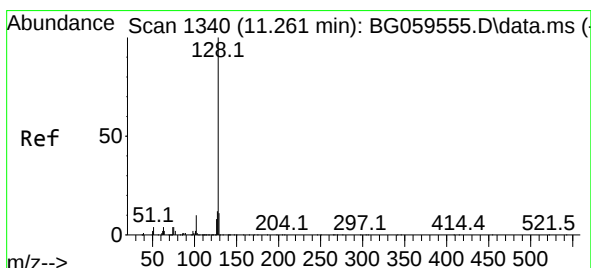
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Patel



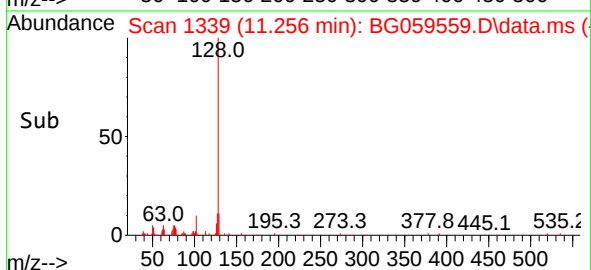
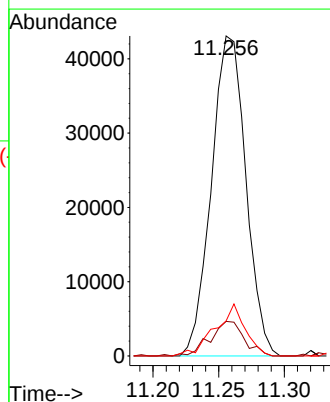
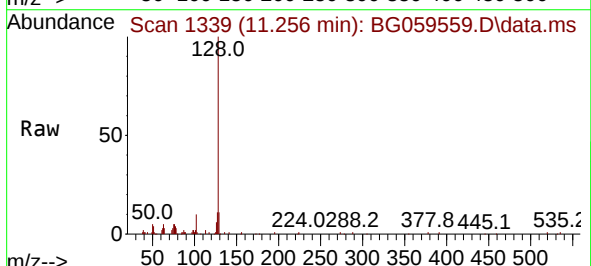
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Supervised By :mohammad
ahmed

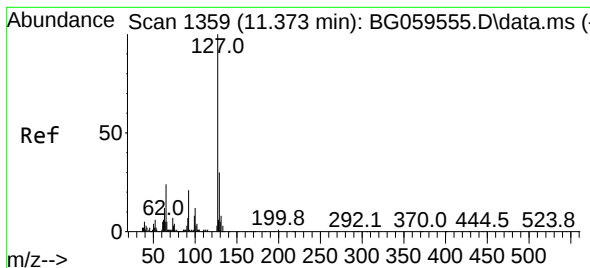
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#30
Naphthalene
Concen: 3.644 ng/ul
RT: 11.256 min Scan# 1339
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:128 Resp: 78726
Ion Ratio Lower Upper
128 100
129 10.8 7.4 11.0
127 10.9 10.5 15.7





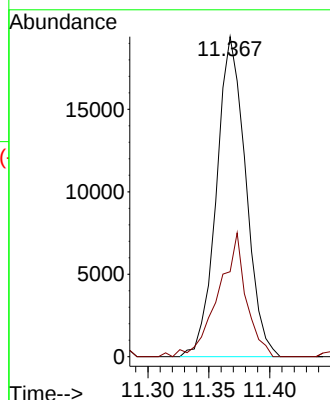
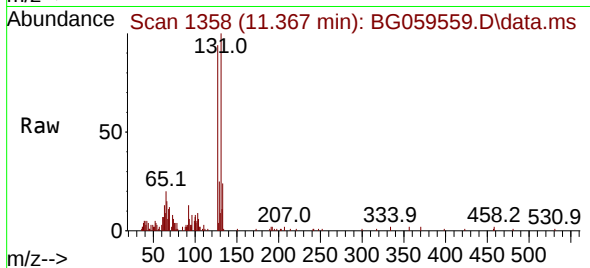
#32
4-Chloroaniline
Concen: 3.718 ng/ul
RT: 11.367 min Scan# 11359
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:127 Resp: 3240
Ion Ratio Lower Upper
127 100
129 26.5 30.4 45.6

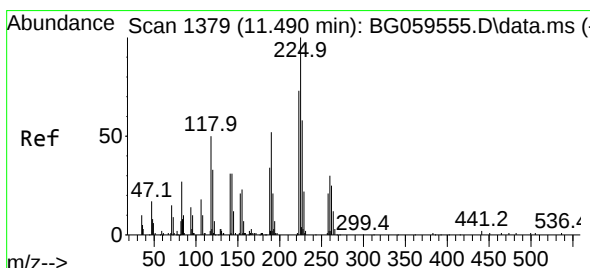
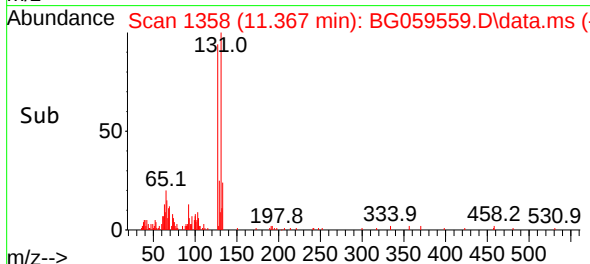
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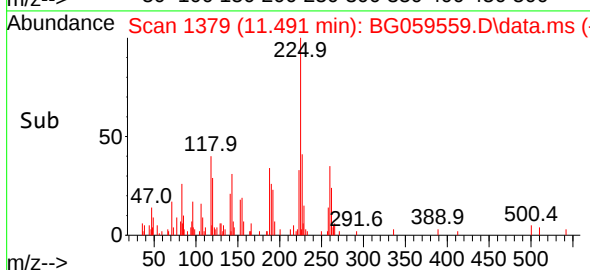
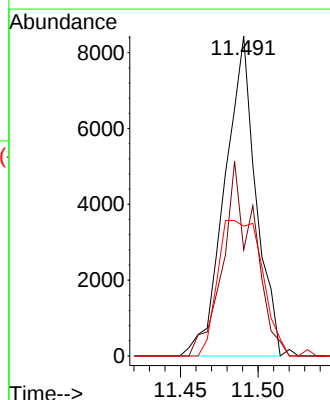
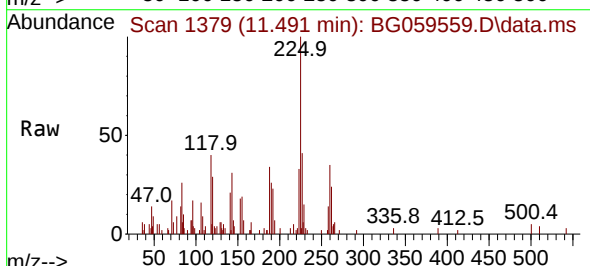
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Supervised By :mohammad
ahmed

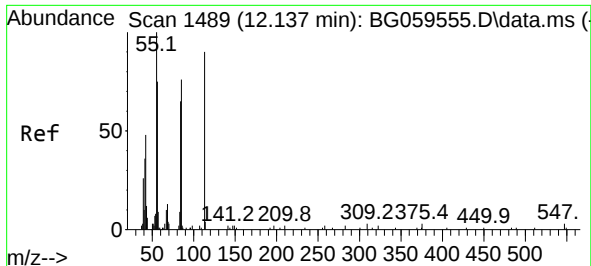
11/02/2023



#33
Hexachlorobutadiene
Concen: 3.635 ng/ul
RT: 11.491 min Scan# 1379
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

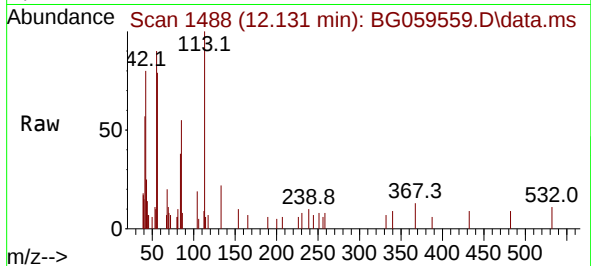
Tgt Ion:225 Resp: 11760
Ion Ratio Lower Upper
225 100
223 33.2 50.8 76.2#
227 40.5 49.8 74.8#





#34
Caprolactam
Concen: 3.532 ng/ul m
RT: 12.131 min Scan# 1489
Delta R.T. -0.026 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

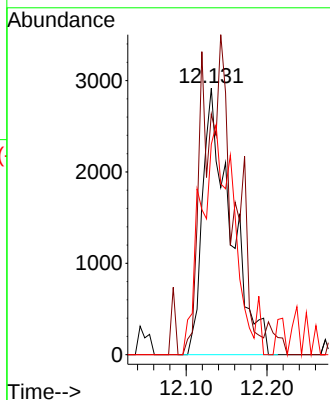
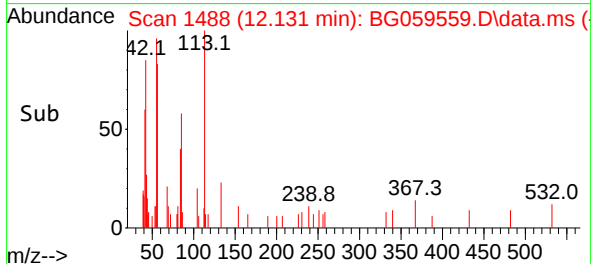
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:113 Resp: 6969
Ion Ratio Lower Upper
113 100
55 90.4 86.9 130.3
56 79.0 64.4 96.6

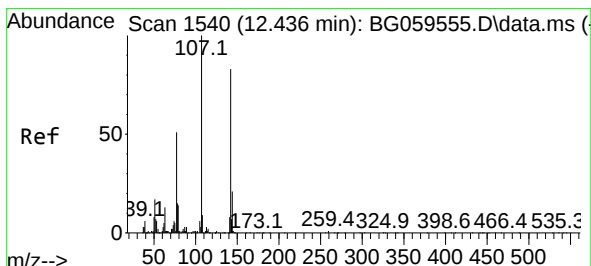
Manual Integrations
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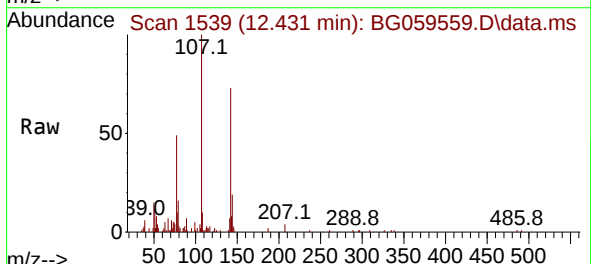


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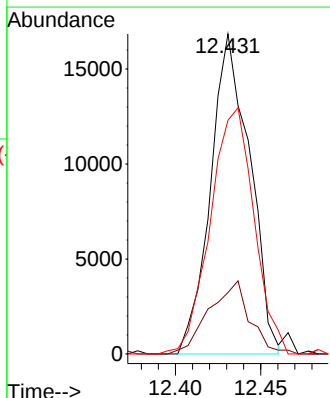
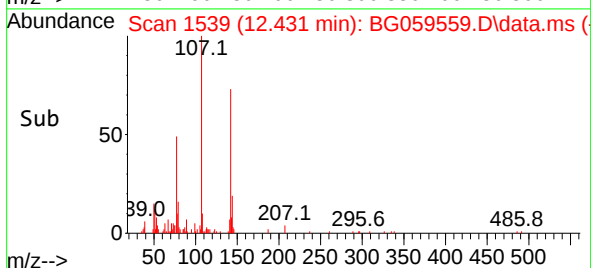
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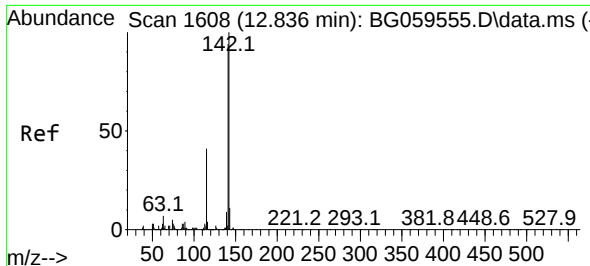


#35
4-Chloro-3-methylphenol
Concen: 4.184 ng/ul
RT: 12.431 min Scan# 1539
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41



Tgt Ion:107 Resp: 26925
Ion Ratio Lower Upper
107 100
144 19.2 21.0 31.6#
142 73.0 68.2 102.4





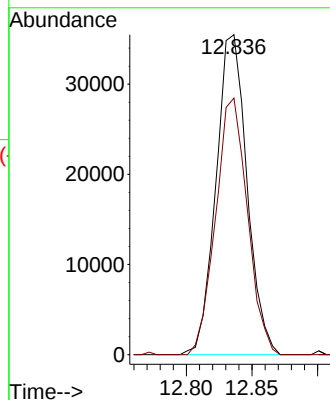
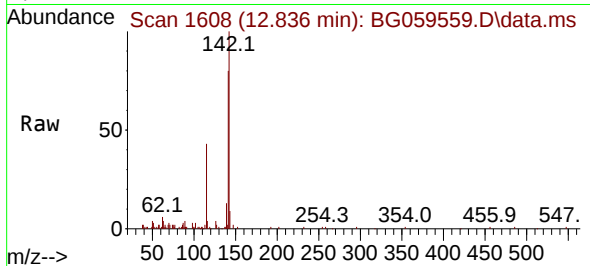
#36
2-Methylnaphthalene
Concen: 3.925 ng/ul
RT: 12.836 min Scan# 1608
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08

Tgt Ion:142 Resp: 5834
Ion Ratio Lower Upper
142 100
141 80.2 71.7 107.5

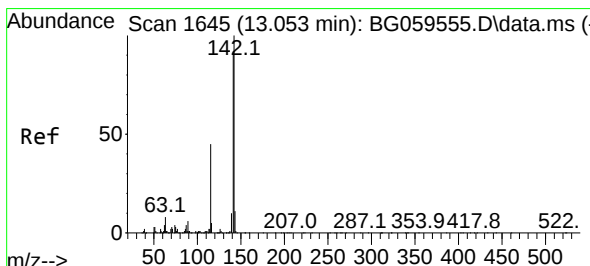
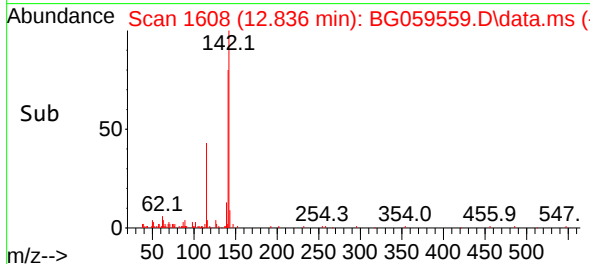
Manual Integrations
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Reviewed By :Yogesh
Patel



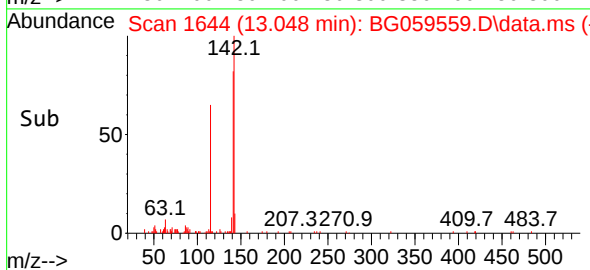
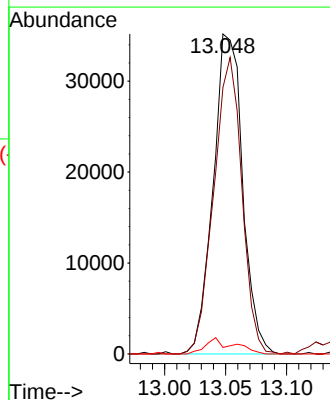
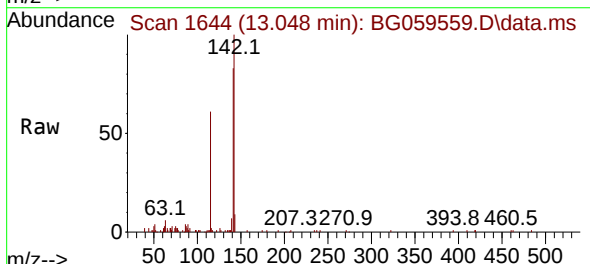
11/02/2023
Supervised By :mohammad
ahmed

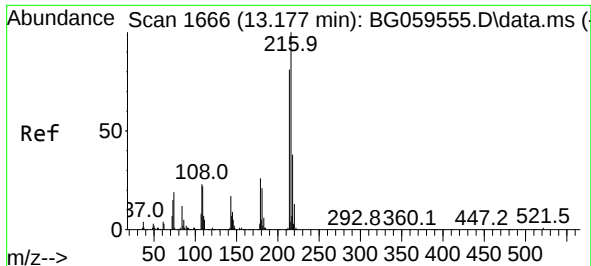
11/02/2023



#37
1-Methylnaphthalene
Concen: 3.994 ng/ul
RT: 13.048 min Scan# 1644
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

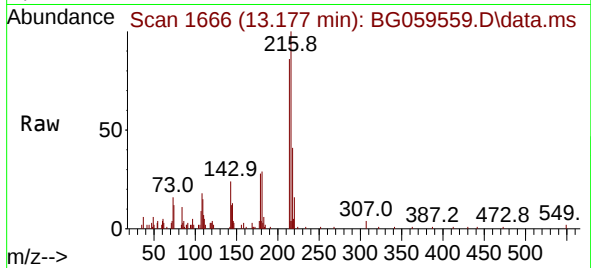
Tgt Ion:142 Resp: 59124
Ion Ratio Lower Upper
142 100
141 83.3 73.1 109.7
116 2.0 3.3 4.9#





#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.590 ng/ul
RT: 13.177 min Scan# 1666
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

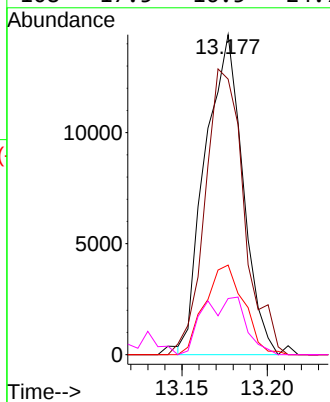
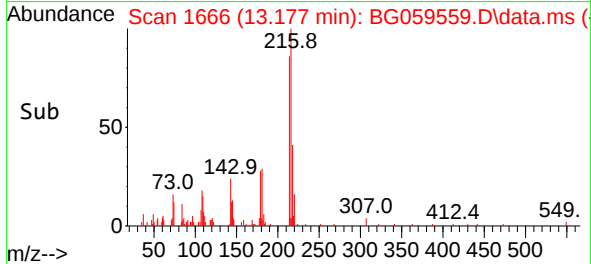
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion	Ratio	Lower	Upper
216	100		
214	86.1	63.7	95.5
179	28.0	19.2	28.8
108	17.5	16.5	24.7

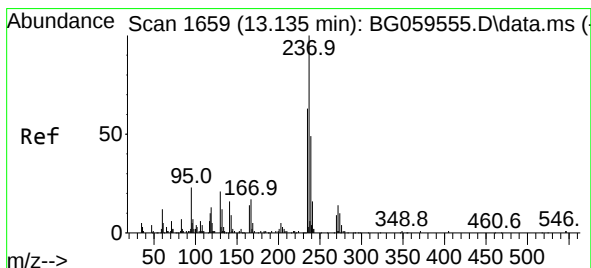
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

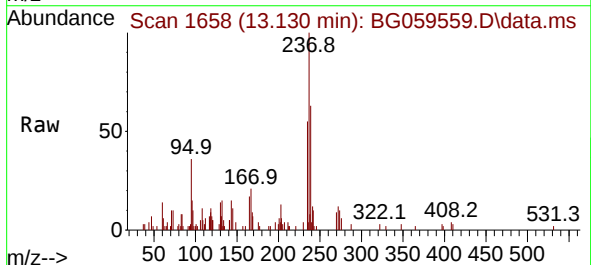


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Supervised By :mohammad
ahmed

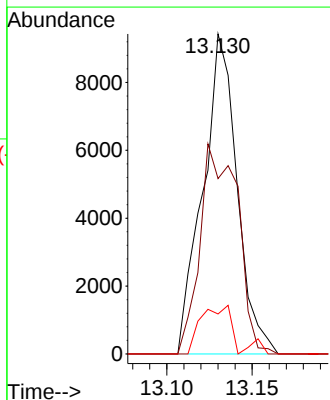
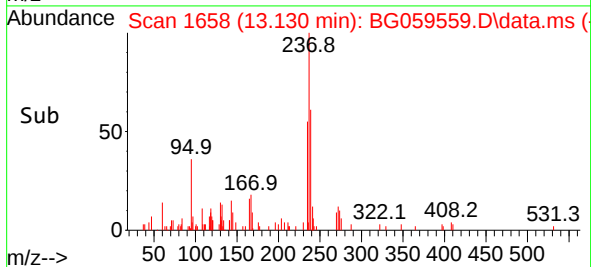
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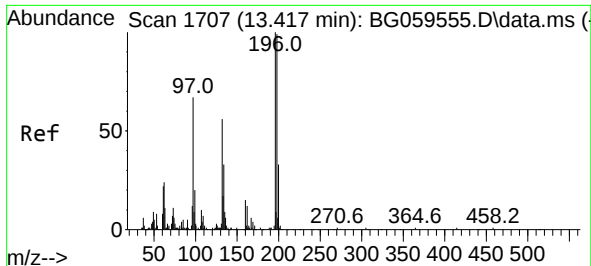


#40
Hexachlorocyclopentadiene
Concen: 3.644 ng/ul
RT: 13.130 min Scan# 1658
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41



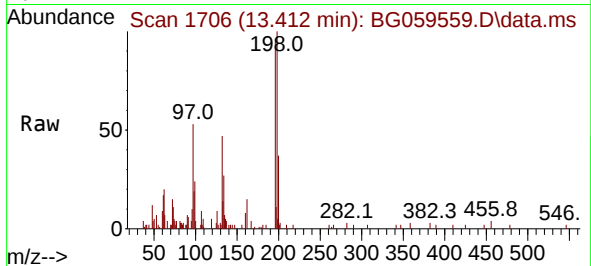
Tgt Ion	Ratio	Lower	Upper
237	100		
235	50.9	46.6	69.8
272	11.6	13.0	19.4





#41
2,4,6-Trichlorophenol
Concen: 3.858 ng/ul
RT: 13.412 min Scan# 1706
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

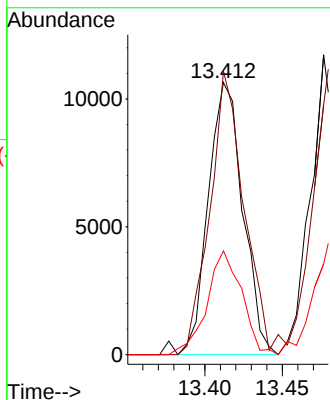
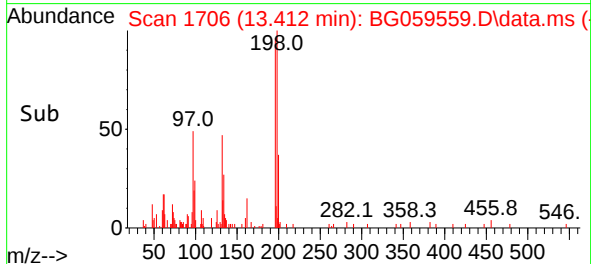
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:196 Resp: 16479
Ion Ratio Lower Upper
196 100
198 104.2 69.6 104.4
200 38.2 23.8 35.8

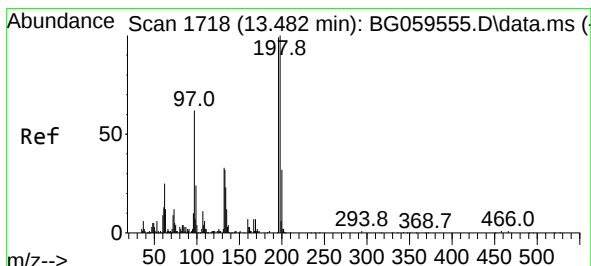
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Reviewed By :Yogesh
Patel



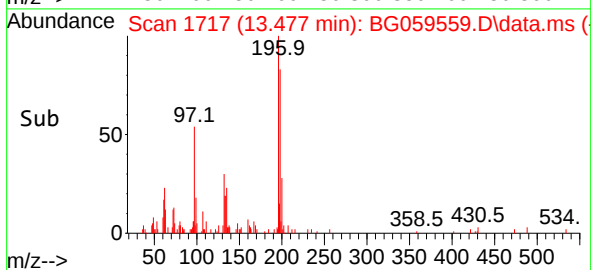
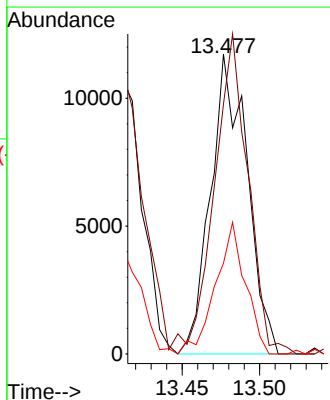
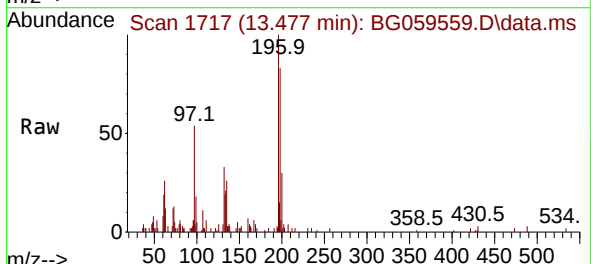
11/02/2023
Supervised By :mohammad
ahmed

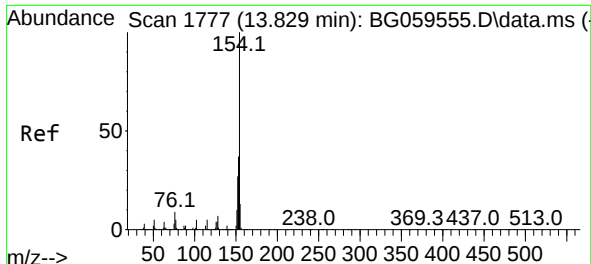
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#42
2,4,5-Trichlorophenol
Concen: 4.155 ng/ul
RT: 13.477 min Scan# 1717
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

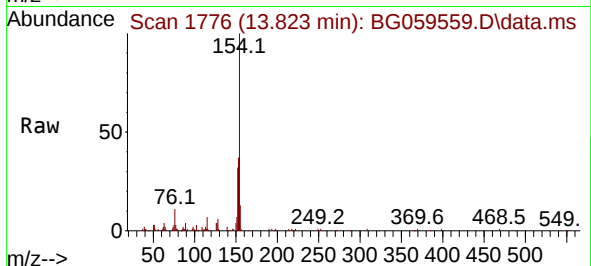
Tgt Ion:196 Resp: 19213
Ion Ratio Lower Upper
196 100
198 89.5 79.8 119.6
200 30.2 28.0 42.0





#43
1,1'-Biphenyl
Concen: 3.823 ng/ul
RT: 13.823 min Scan# 1777
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

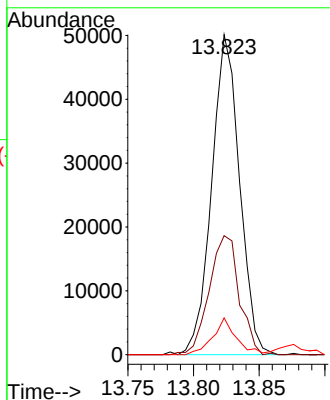
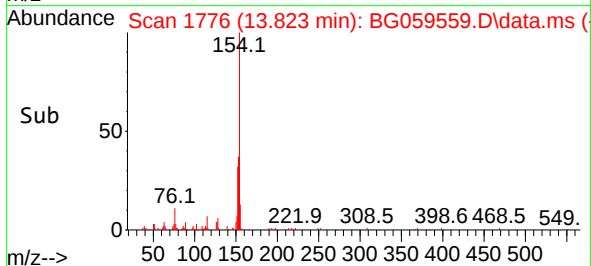
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:154 Resp: 7396
Ion Ratio Lower Upper
154 100
153 37.2 30.7 46.1
76 11.5 8.2 12.4

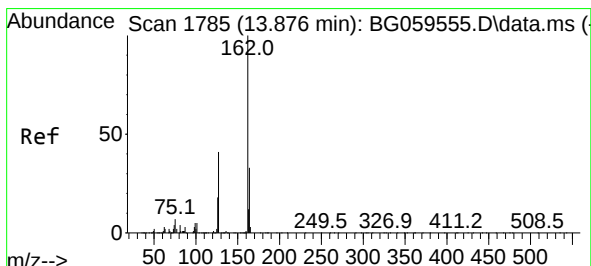
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Patel

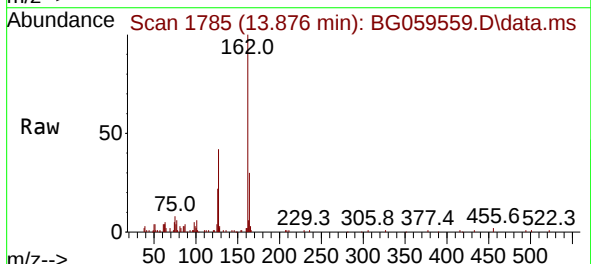


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Supervised By :mohammad
ahmed

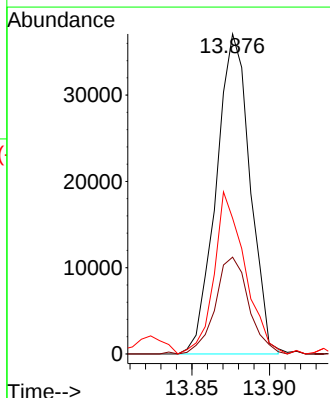
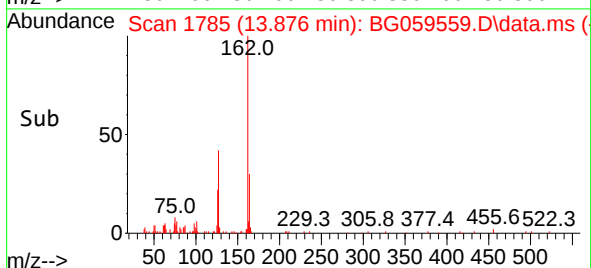
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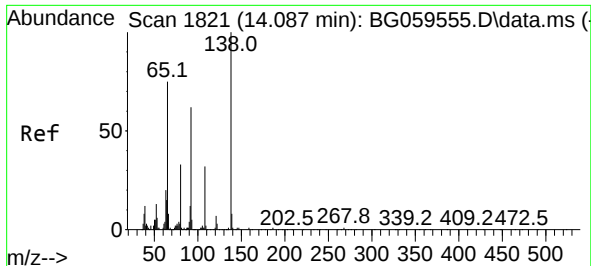


#44
2-Chloronaphthalene
Concen: 3.744 ng/ul
RT: 13.876 min Scan# 1785
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41



Tgt Ion:162 Resp: 56301
Ion Ratio Lower Upper
162 100
164 30.3 23.9 35.9
127 42.4 35.3 52.9





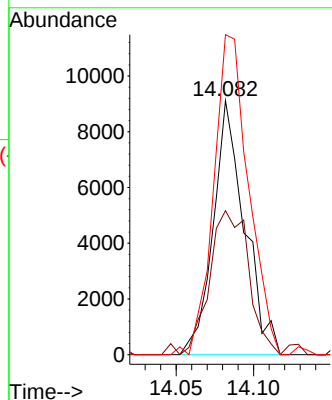
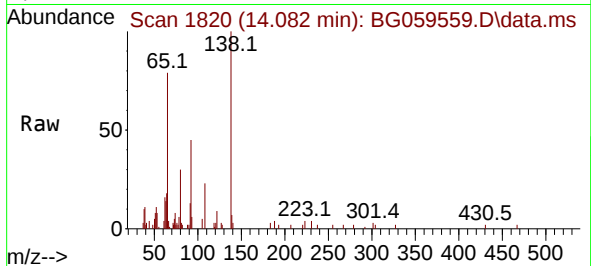
#45
2-Nitroaniline
Concen: 4.588 ng/ul
RT: 14.082 min Scan# 1821
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08

Tgt Ion: 65 Resp: 1283
Ion Ratio Lower Upper
65 100
92 56.6 59.6 89.4
138 125.9 109.0 163.6

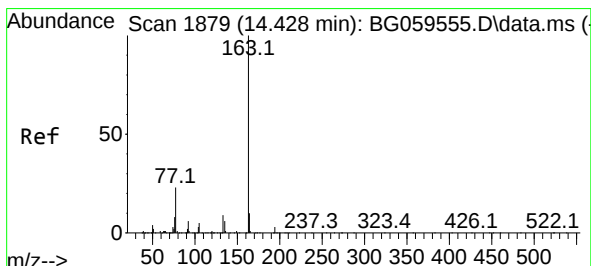
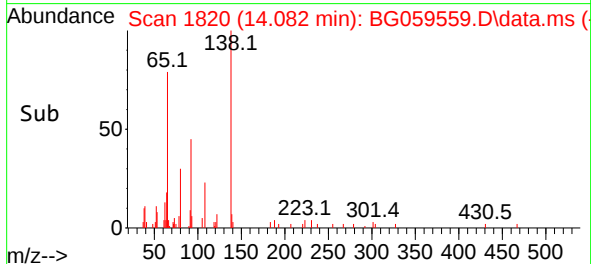
Manual Integrations
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Reviewed By :Yogesh
Patel



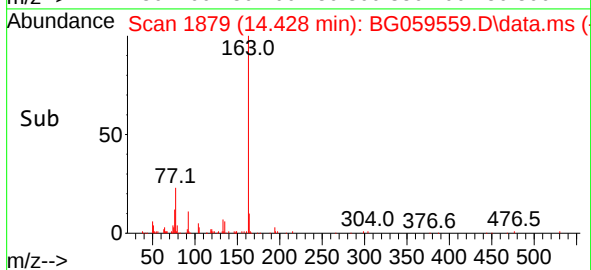
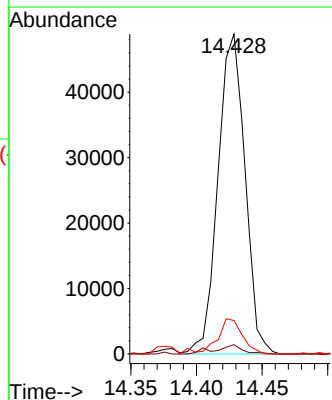
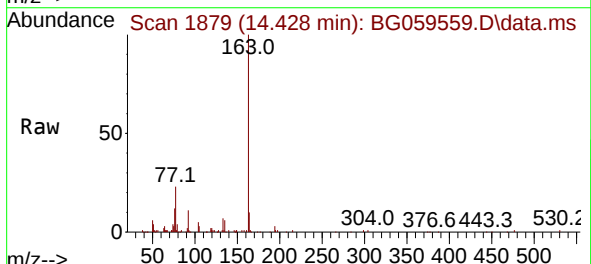
11/02/2023
Supervised By :mohammad
ahmed

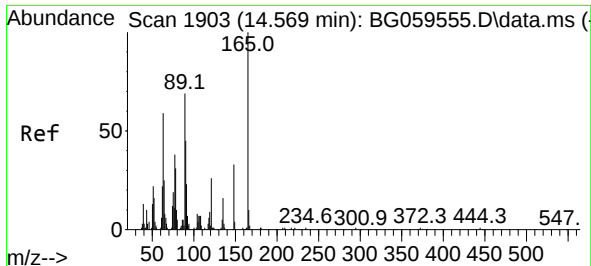
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#47
Dimethylphthalate
Concen: 3.652 ng/ul
RT: 14.428 min Scan# 1879
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

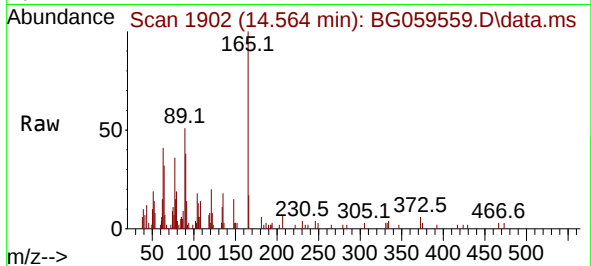
Tgt Ion:163 Resp: 69905
Ion Ratio Lower Upper
163 100
194 2.9 2.6 3.8
164 10.4 6.6 10.0#





#48
2,6-Dinitrotoluene
Concen: 4.242 ng/ul
RT: 14.564 min Scan# 1903
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

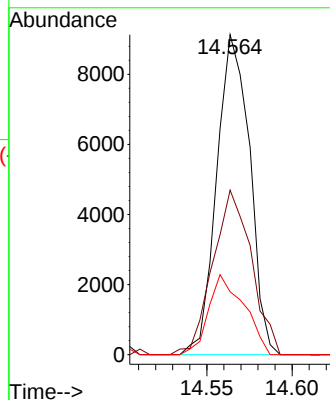
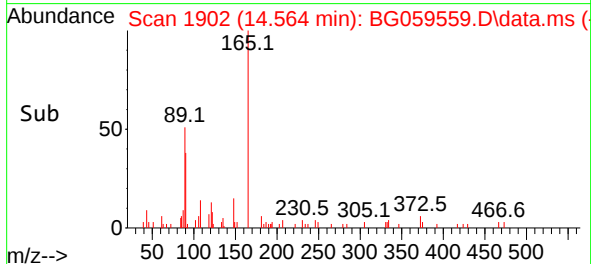
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:165 Resp: 12248
Ion Ratio Lower Upper
165 100
89 51.4 41.0 61.4
121 19.6 12.3 18.5

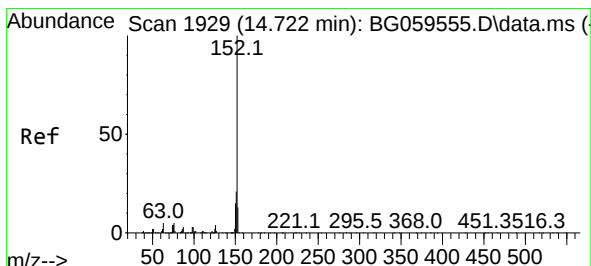
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Reviewed By :Yogesh
Patel



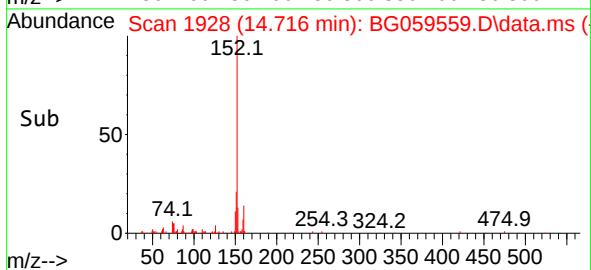
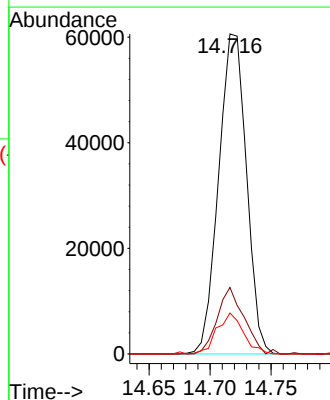
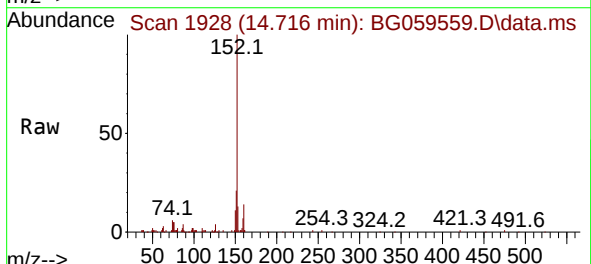
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Supervised By :mohammad
ahmed

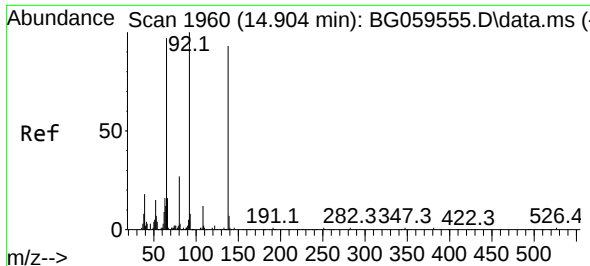
11/02/2023



#50
Acenaphthylene
Concen: 3.675 ng/ul
RT: 14.716 min Scan# 1928
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

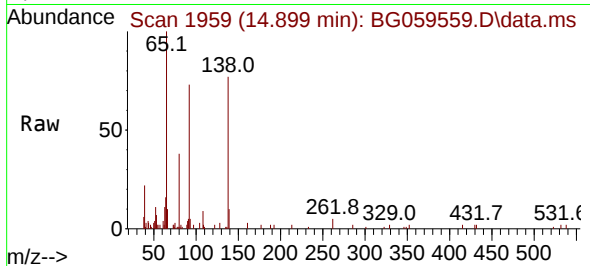
Tgt Ion:152 Resp: 96287
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 12.8 9.4 14.2





#51
3-Nitroaniline
Concen: 4.291 ng/ul
RT: 14.899 min Scan# 1959
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

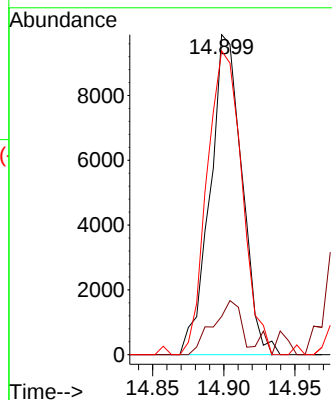
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:138 Resp: 1544
Ion Ratio Lower Upper
138 100
108 12.0 17.1 25.7
92 95.0 101.8 152.8

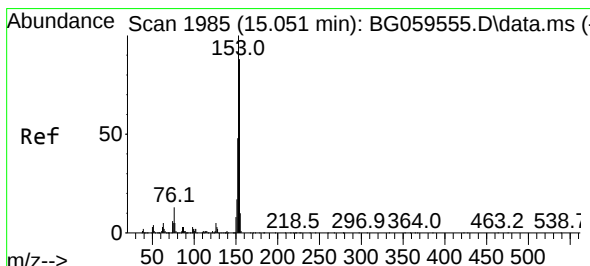
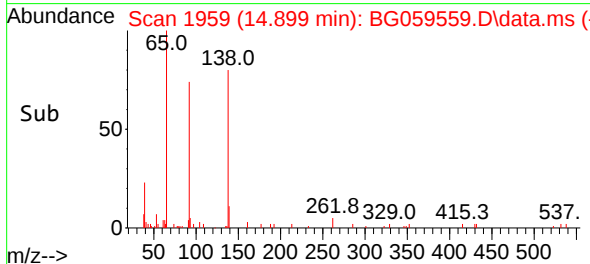
Manual Integrations
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Reviewed By :Yogesh
Patel



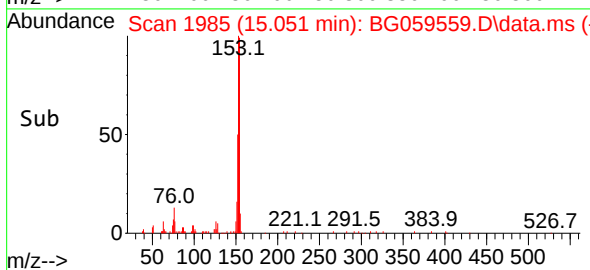
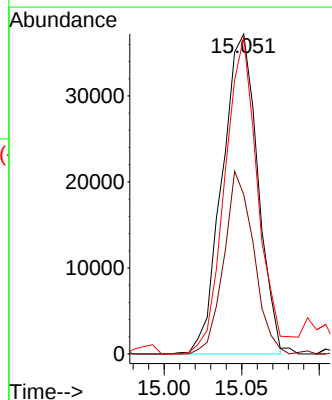
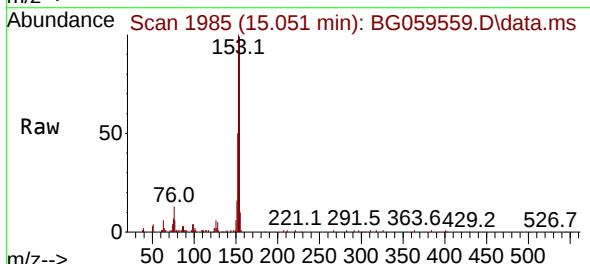
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Supervised By :mohammad
ahmed

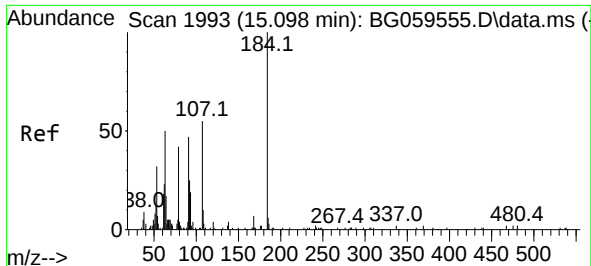
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#52
Acenaphthene
Concen: 3.472 ng/ul
RT: 15.051 min Scan# 1985
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:153 Resp: 59298
Ion Ratio Lower Upper
153 100
152 49.9 37.6 56.4
154 99.0 69.4 104.0





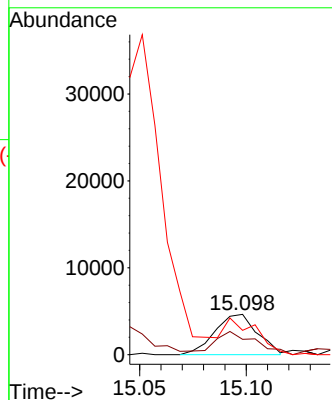
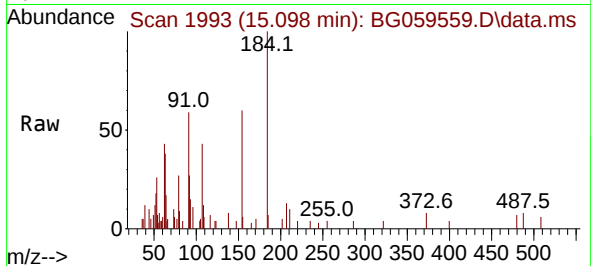
#53
2,4-Dinitrophenol
Concen: 3.930 ng/ul
RT: 15.098 min Scan# 1993
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:184 Resp: 6448
Ion Ratio Lower Upper
184 100
63 38.0 35.0 52.6
154 60.5 49.8 74.8

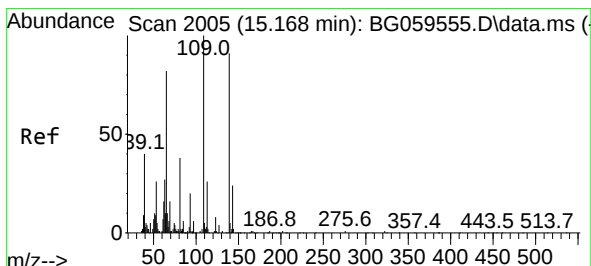
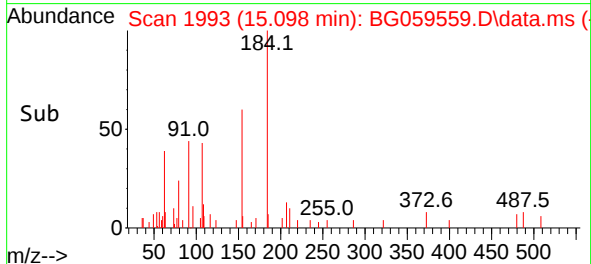
Manual Integrations
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Reviewed By :Yogesh
Patel



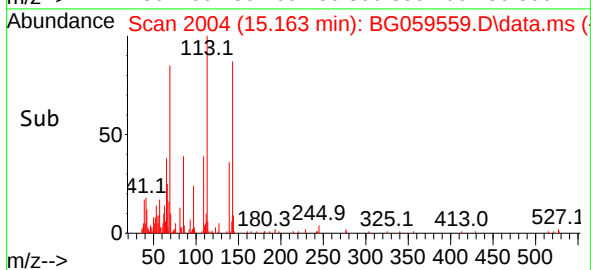
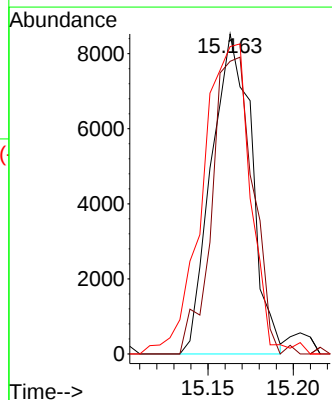
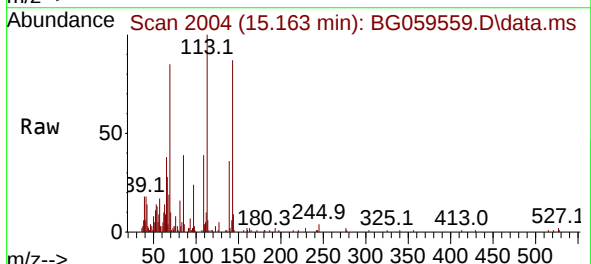
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Supervised By :mohammad
ahmed

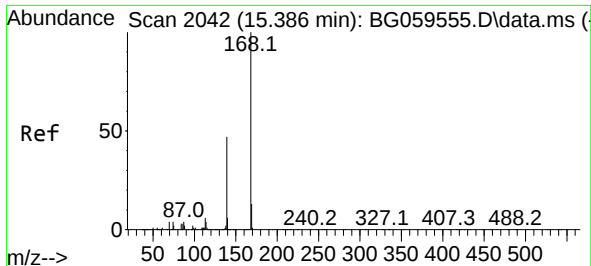
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#55
4-Nitrophenol
Concen: 3.822 ng/ul
RT: 15.163 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:109 Resp: 13996
Ion Ratio Lower Upper
109 100
139 91.4 72.2 108.2
65 96.1 57.3 85.9#





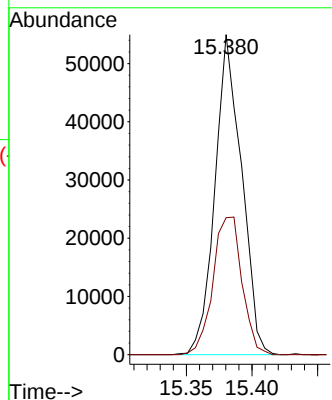
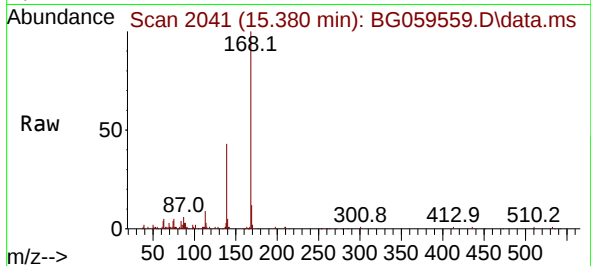
#56
Dibenzenofuran
Concen: 3.499 ng/ul
RT: 15.380 min Scan# 2042
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08

Tgt Ion:168 Resp: 77464
Ion Ratio Lower Upper
168 100
139 42.8 33.8 50.8

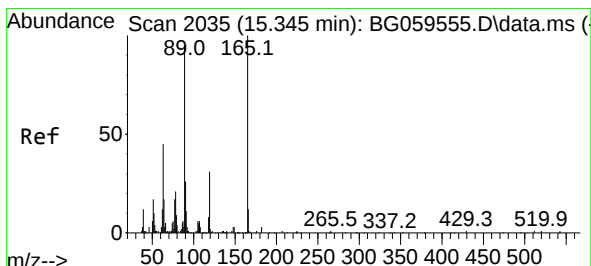
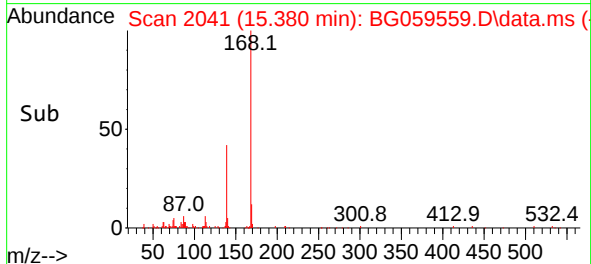
Manual Integrations
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Reviewed By :Yogesh
Patel



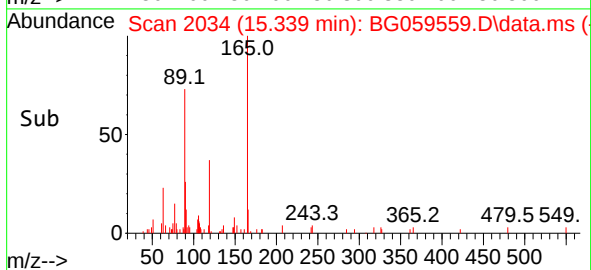
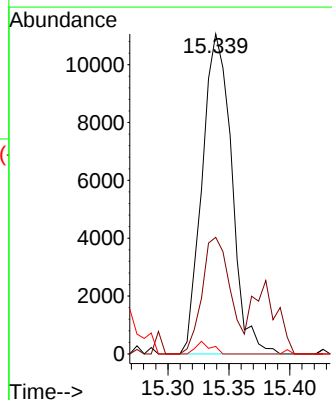
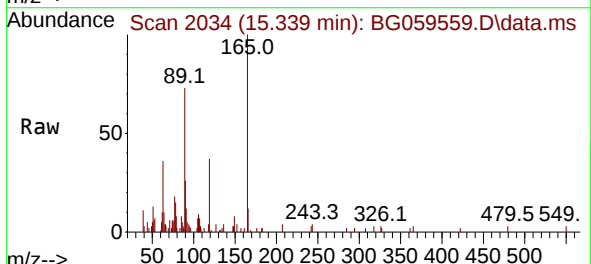
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Supervised By :mohammad
ahmed

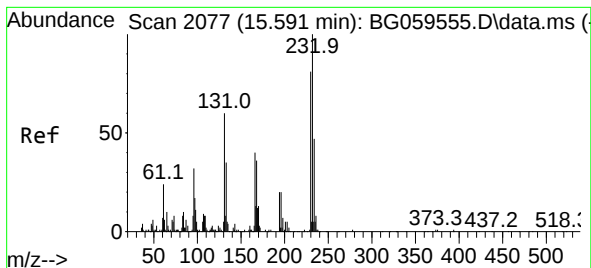
11/02/2023



#57
2,4-Dinitrotoluene
Concen: 4.590 ng/ul
RT: 15.339 min Scan# 2034
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:165 Resp: 18645
Ion Ratio Lower Upper
165 100
63 36.5 30.9 46.3
182 2.3 1.8 2.6





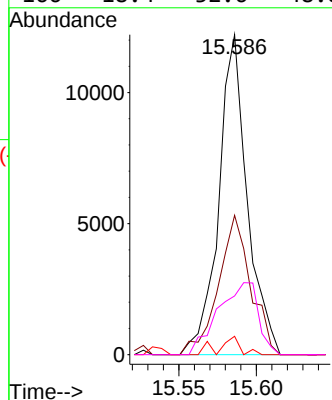
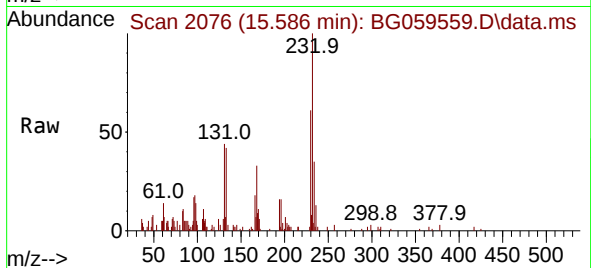
#58
2,3,4,6-Tetrachlorophenol
Concen: 4.297 ng/ul
RT: 15.586 min Scan# 2077
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.6	44.2	66.2
130	5.8	2.3	3.5
166	18.4	32.6	48.8

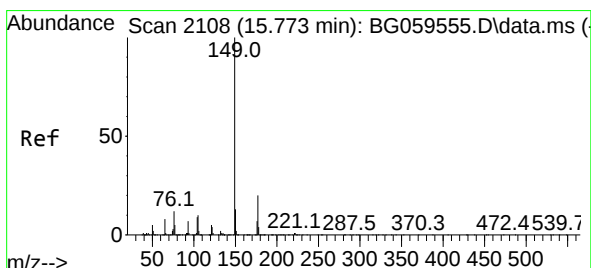
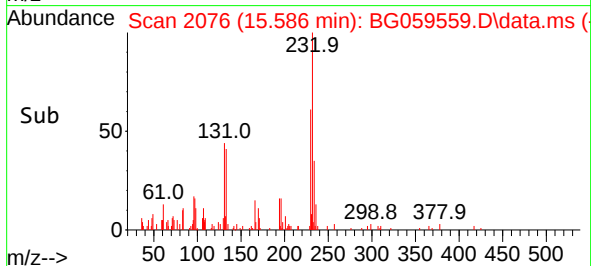
Manual Integrations
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Reviewed By :Yogesh
Patel



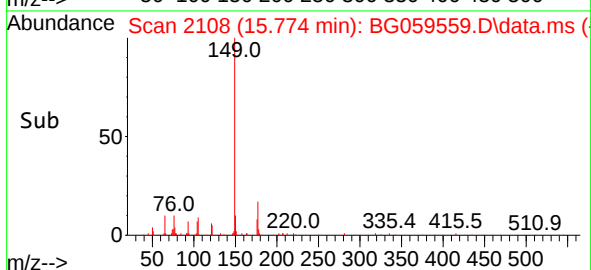
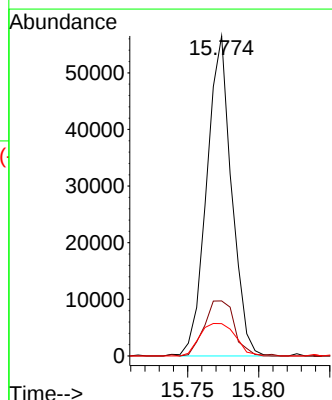
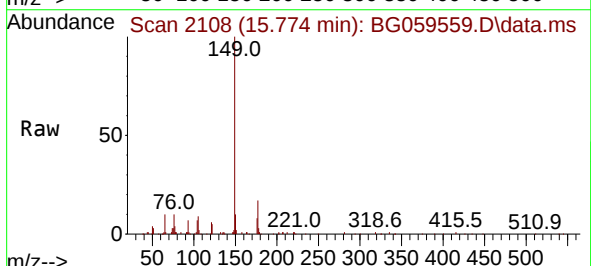
11/02/2023
Supervised By :mohammad
ahmed

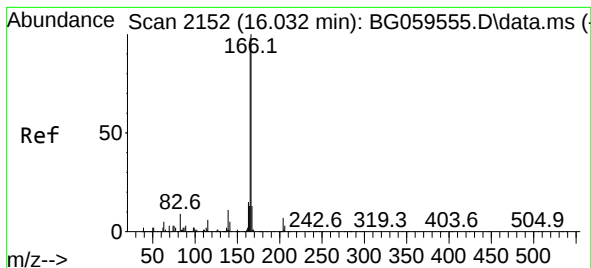
11/02/2023



#59
Diethylphthalate
Concen: 3.286 ng/ul
RT: 15.774 min Scan# 2108
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	17.2	16.3	24.5
150	10.1	9.1	13.7





#61

Fluorene

Concen: 3.595 ng/ul

RT: 16.027 min Scan# 2151

Delta R.T. -0.008 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

Instrument :

BNA_G

ClientSampleId :

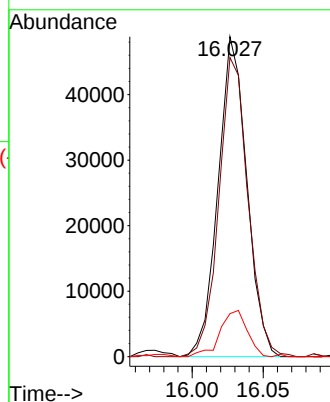
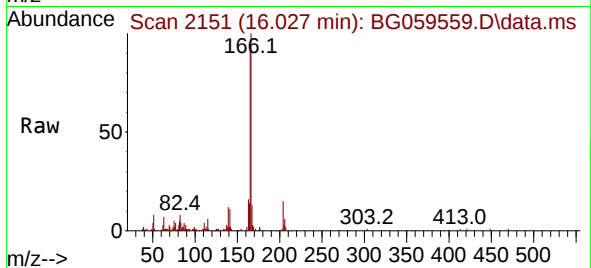
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:166 Resp: 68710

Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.4	111.6
167	13.5	9.1	13.7

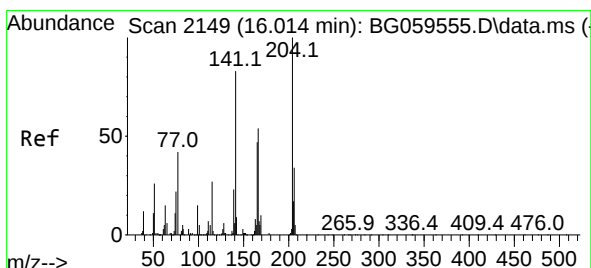
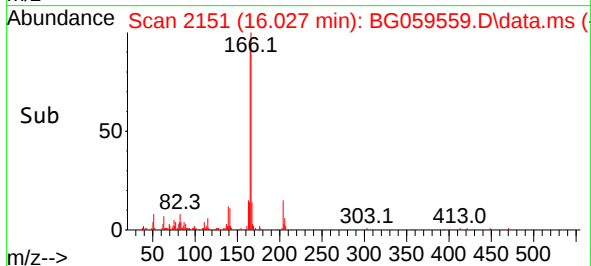
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



11/02/2023
Supervised By :mohammad
ahmed

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#62

4-Chlorophenyl-phenylether

Concen: 3.626 ng/ul

RT: 16.015 min Scan# 2149

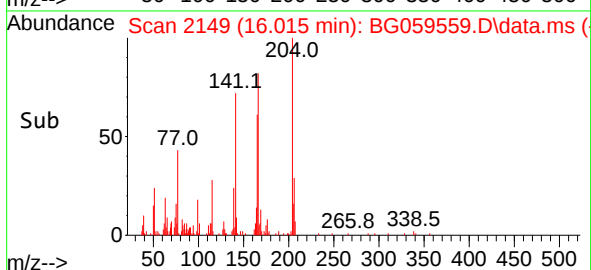
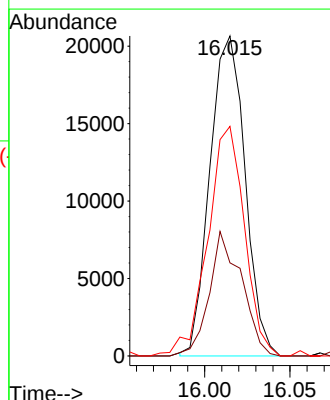
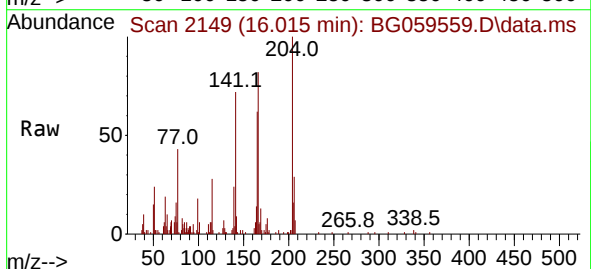
Delta R.T. -0.008 min

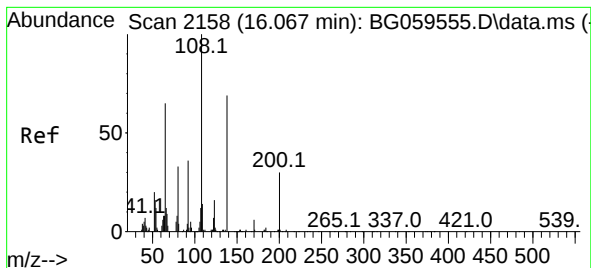
Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

Tgt Ion:204 Resp: 29617

Ion	Ratio	Lower	Upper
204	100		
206	29.1	28.8	43.2
141	71.8	68.6	103.0





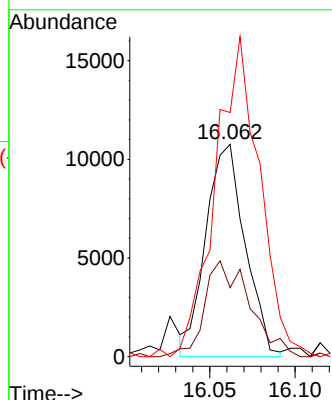
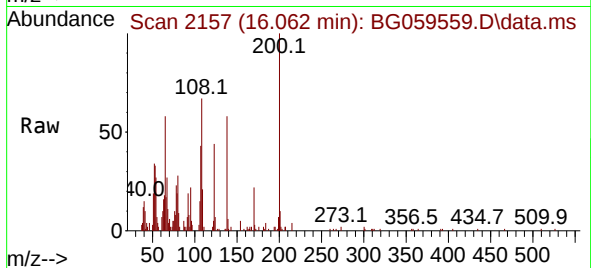
#63
4-Nitroaniline
Concen: 4.513 ng/ul
RT: 16.062 min Scan# 2158
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08

Tgt Ion:138 Resp: 1723
Ion Ratio Lower Upper
138 100
92 32.4 49.8 74.8
108 114.9 100.9 151.3

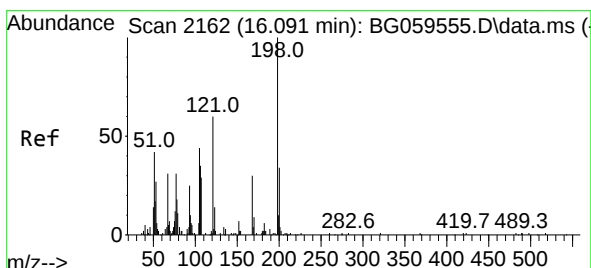
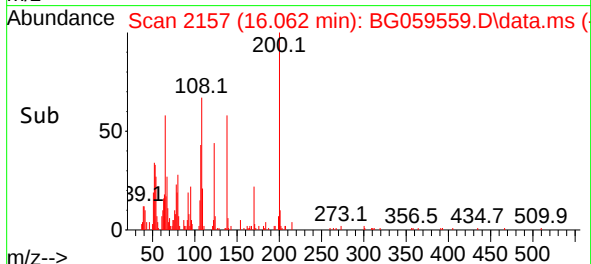
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



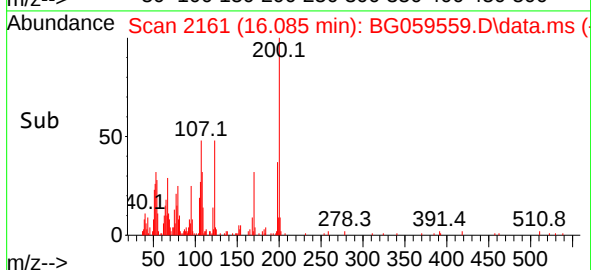
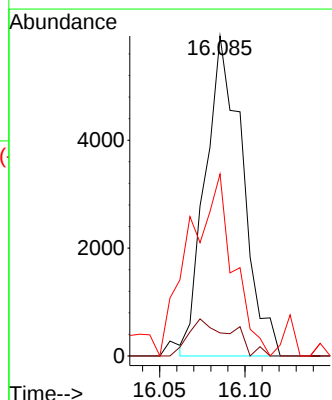
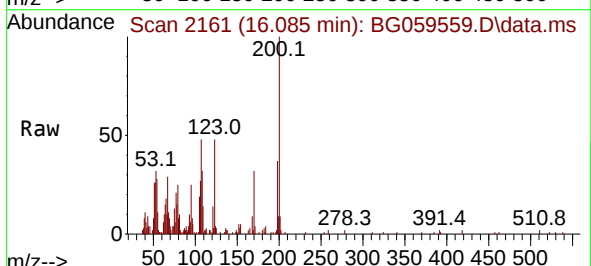
11/02/2023
Supervised By :mohammad
ahmed

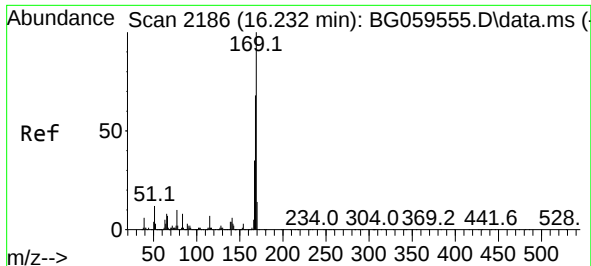
11/02/2023



#66
4,6-Dinitro-2-methylphenol
Concen: 2.951 ng/ul
RT: 16.085 min Scan# 2161
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:198 Resp: 8987
Ion Ratio Lower Upper
198 100
182 7.2 1.4 2.0#
77 56.9 15.8 23.8#





#67

N-Nitrosodiphenylamine

Concen: 2.751 ng/ul

RT: 16.226 min Scan# 2186

Delta R.T. -0.008 min

Lab File: BG059559.D

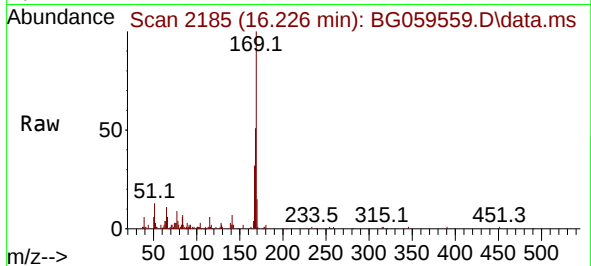
Acq: 31 Oct 2023 12:41

Instrument :

BNA_G

ClientSampleId :

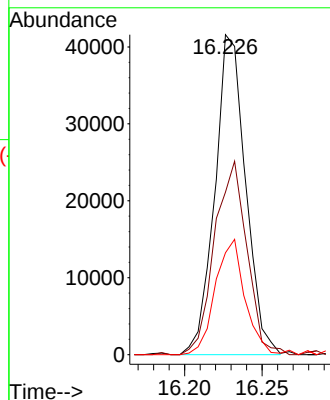
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:169	Resp:	5735
Ion Ratio	Lower	Upper
169	100	
168	50.8	54.2 81.2
167	31.8	31.3 46.9

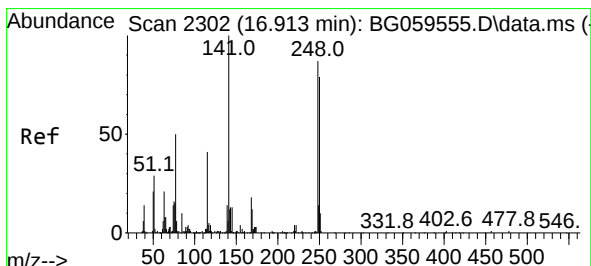
Manual Integrations
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Reviewed By :Yogesh
Patel



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ahmed

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#68

4-Bromophenyl-phenylether

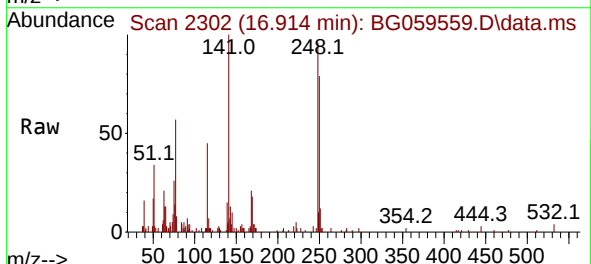
Concen: 2.987 ng/ul

RT: 16.914 min Scan# 2302

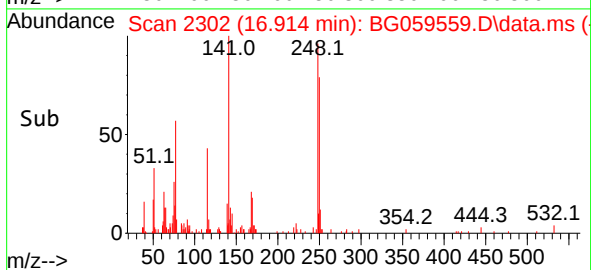
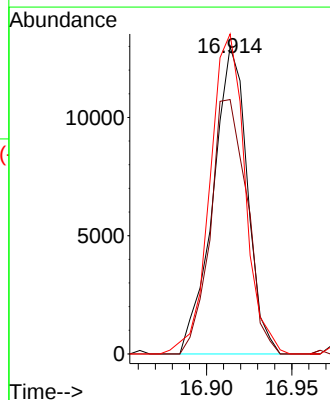
Delta R.T. -0.002 min

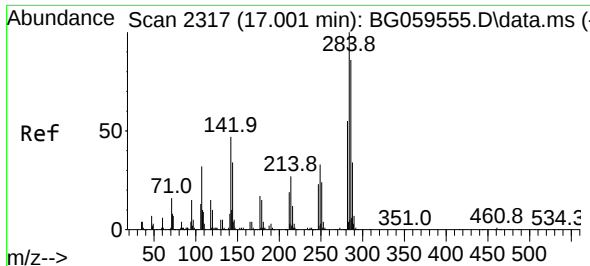
Lab File: BG059559.D

Acq: 31 Oct 2023 12:41



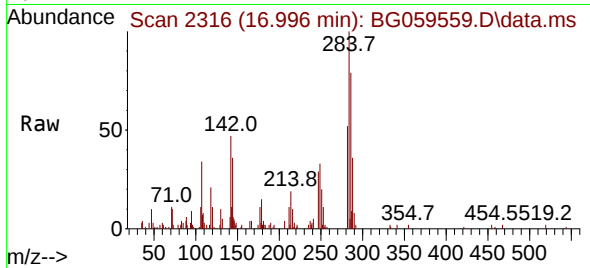
Tgt Ion:248	Resp:	18239
Ion Ratio	Lower	Upper
248	100	
250	82.7	74.2 111.2
141	104.1	88.5 132.7





#69
Hexachlorobenzene
Concen: 2.660 ng/ul
RT: 16.996 min Scan# 2316
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

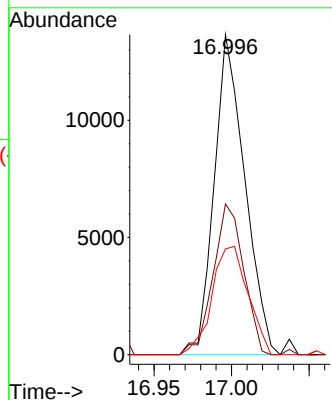
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:284 Resp: 18769
Ion Ratio Lower Upper
284 100
142 45.0 39.6 59.4
249 31.5 28.2 42.2

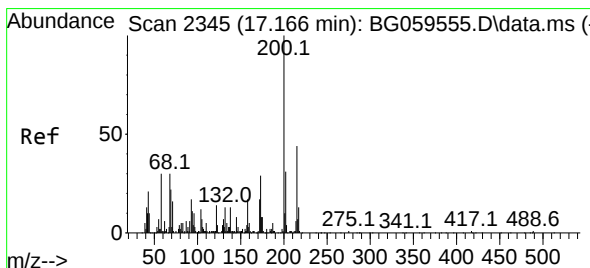
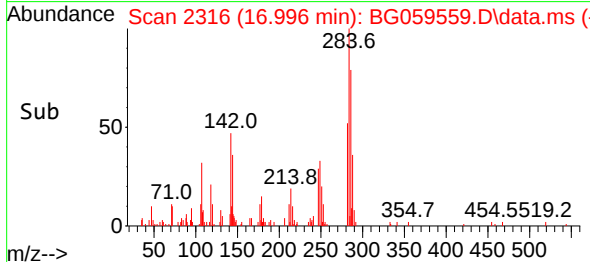
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



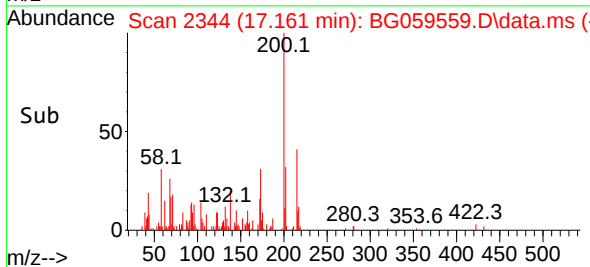
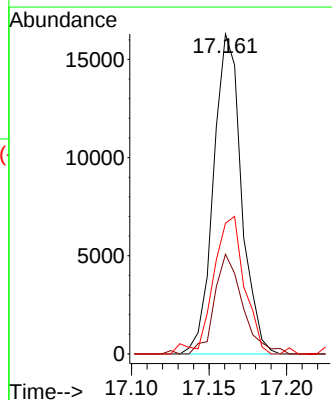
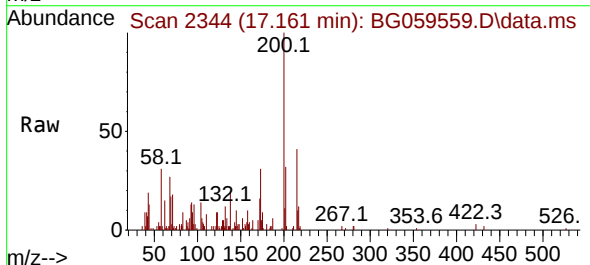
11/02/2023
Supervised By :mohammad
ahmed

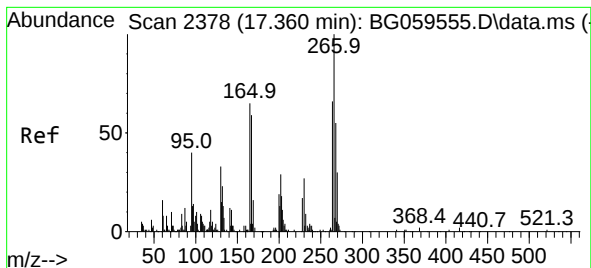
11/02/2023



#70
Atrazine
Concen: 3.154 ng/ul
RT: 17.161 min Scan# 2344
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

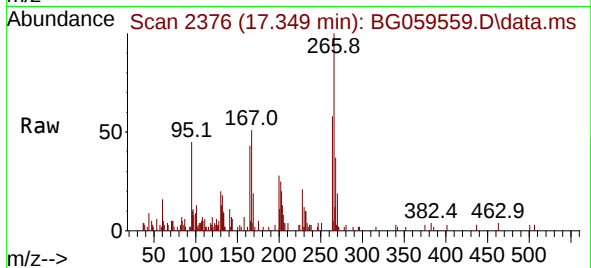
Tgt Ion:200 Resp: 20380
Ion Ratio Lower Upper
200 100
173 31.1 25.7 38.5
215 40.8 32.1 48.1





#71
Pentachlorophenol
Concen: 3.355 ng/ul m
RT: 17.349 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

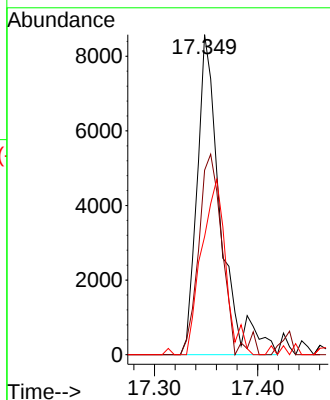
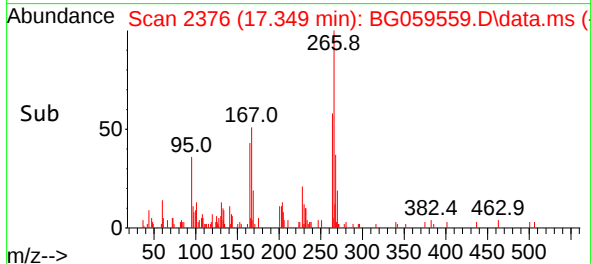
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:266 Resp: 1352
Ion Ratio Lower Upper
266 100
264 57.7 46.2 69.2
268 36.9 46.4 69.6

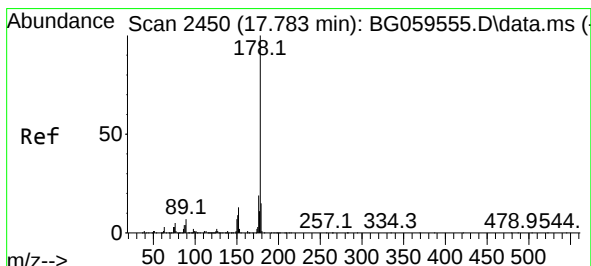
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



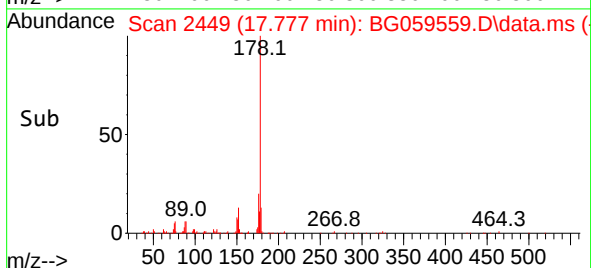
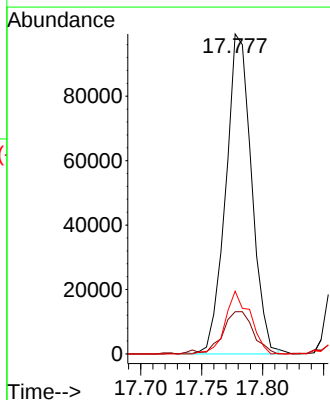
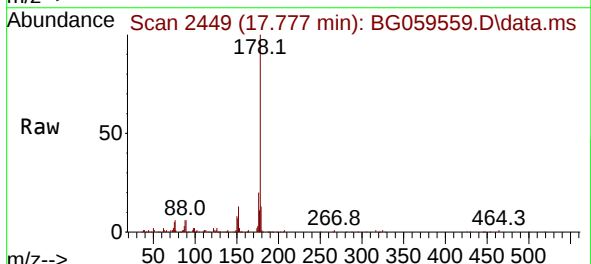
11/02/2023
Supervised By :mohammad
ahmed

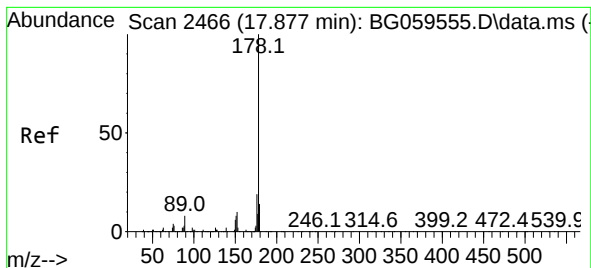
11/02/2023



#72
Phenanthrene
Concen: 3.683 ng/ul
RT: 17.777 min Scan# 2449
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:178 Resp: 146119
Ion Ratio Lower Upper
178 100
179 13.2 11.3 16.9
176 19.6 15.4 23.0





#74

Anthracene

Concen: 3.716 ng/ul m

RT: 17.871 min Scan# 2466

Delta R.T. -0.008 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

Instrument :

BNA_G

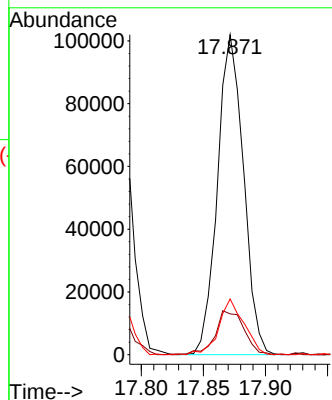
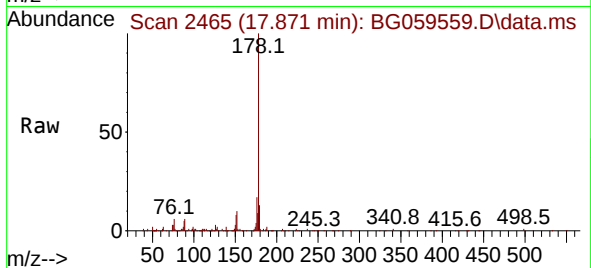
ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

Tgt Ion:178	Resp: 148824
Ion Ratio	Lower Upper
178 100	
179 12.7	13.1 19.7
176 17.4	13.9 20.9

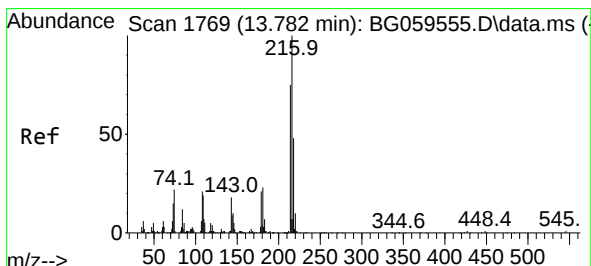
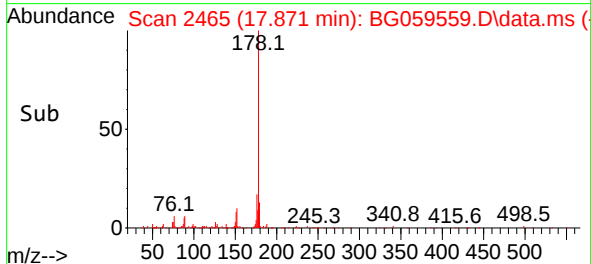
Manual Integrations
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Reviewed By :Yogesh
Patel



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ahmed

11/02/2023



#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.770 ng/uL

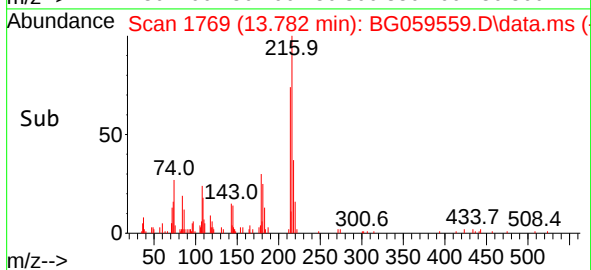
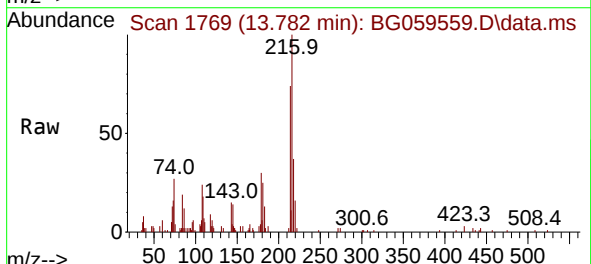
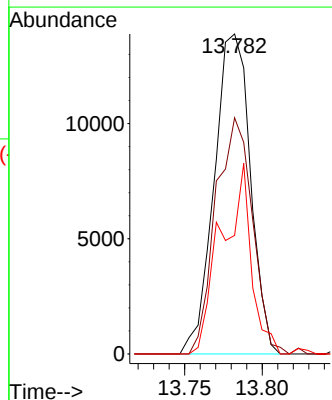
RT: 13.782 min Scan# 1769

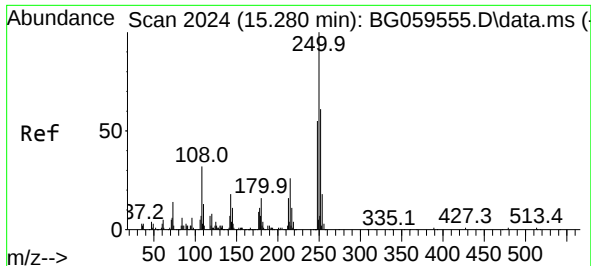
Delta R.T. -0.008 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

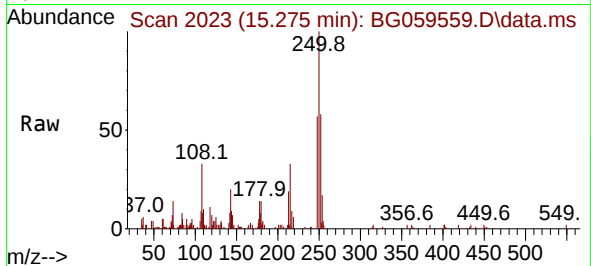
Tgt Ion:216	Resp: 22508
Ion Ratio	Lower Upper
216 100	
214 85.0	70.2 105.2
218 37.0	39.9 59.9





#76
Pentachlorobenzene
Concen: 3.103 ng/uL
RT: 15.275 min Scan# 2024
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

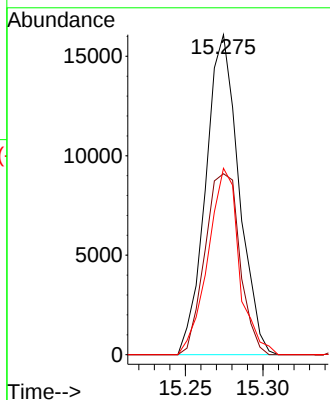
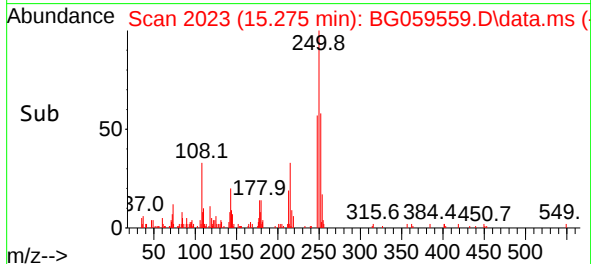
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:250 Resp: 23929
Ion Ratio Lower Upper
250 100
248 56.6 48.7 73.1
252 58.3 51.2 76.8

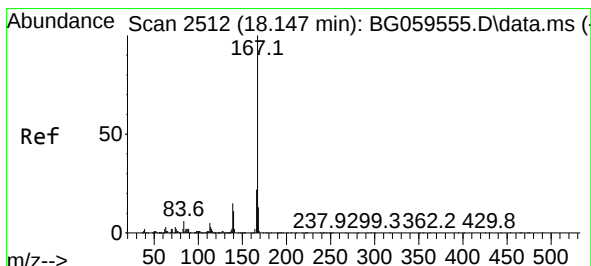
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



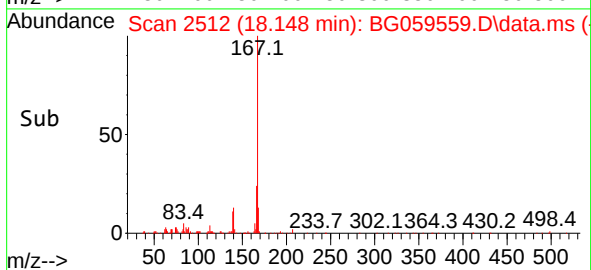
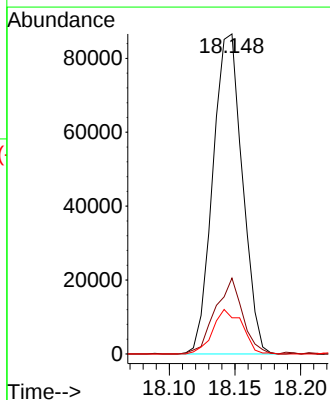
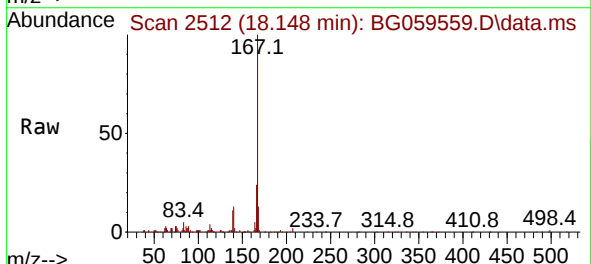
11/02/2023
Supervised By :mohammad
ahmed

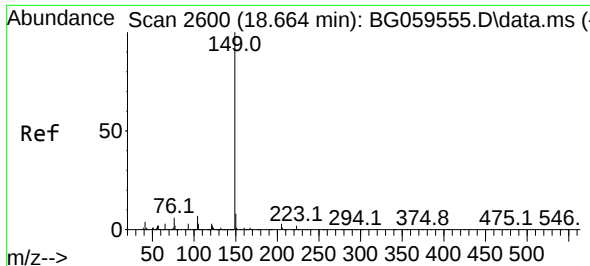
11/02/2023



#77
Carbazole
Concen: 3.936 ng/uL
RT: 18.148 min Scan# 2512
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

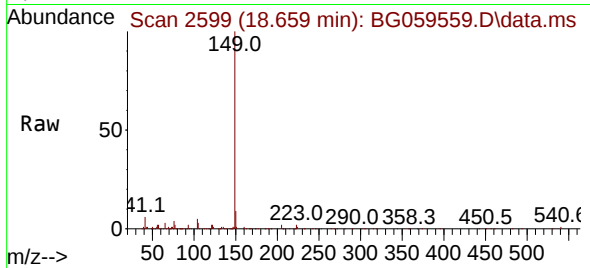
Tgt Ion:167 Resp: 135422
Ion Ratio Lower Upper
167 100
166 23.7 19.4 29.2
139 11.3 11.7 17.5#





#78
Di-n-butylphthalate
Concen: 3.668 ng/ul
RT: 18.659 min Scan# 2599
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

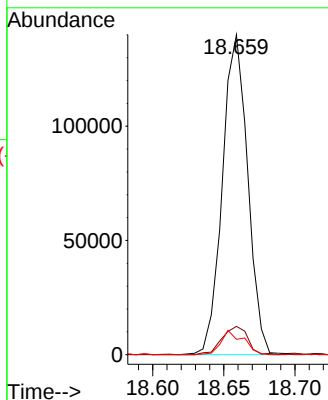
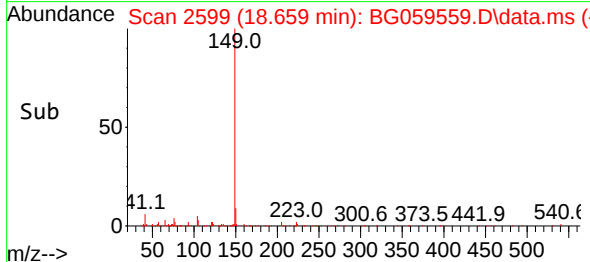
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:149 Resp: 173432
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 4.8 5.3 7.9

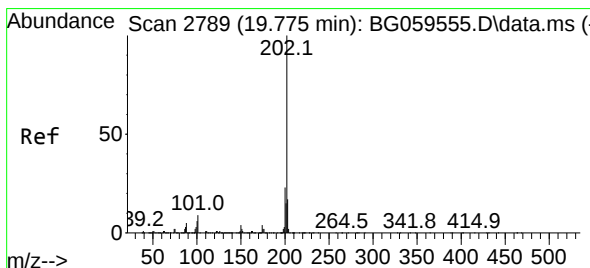
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



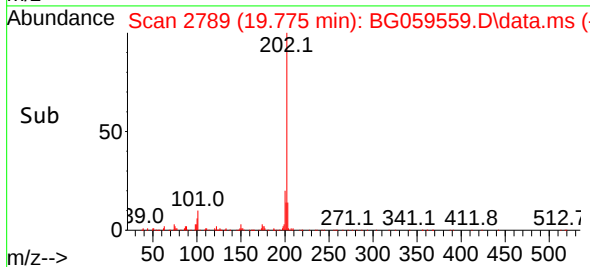
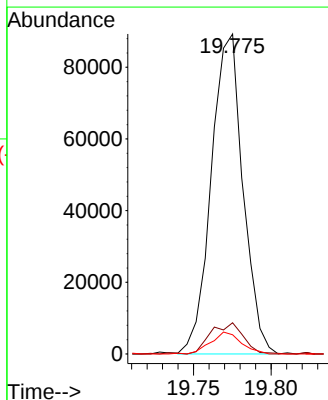
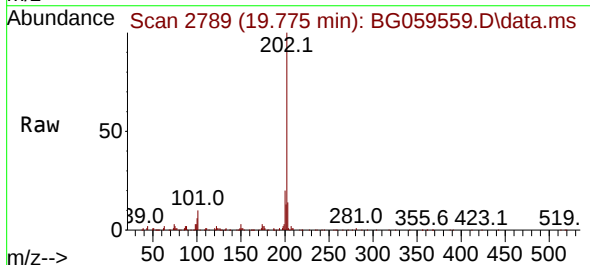
11/02/2023
Supervised By :mohammad
ahmed

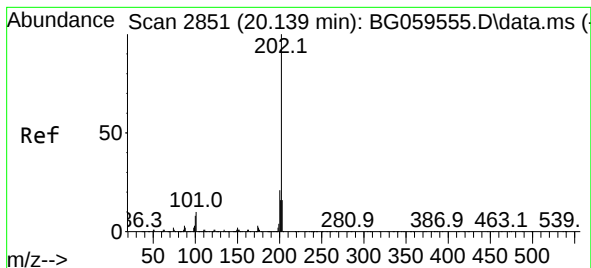
11/02/2023



#80
Fluoranthene
Concen: 3.775 ng/ul
RT: 19.775 min Scan# 2789
Delta R.T. -0.002 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:202 Resp: 126844
Ion Ratio Lower Upper
202 100
101 9.8 7.0 10.6
100 6.0 5.2 7.8





#82

Pyrene

Concen: 3.568 ng/ul

RT: 20.134 min Scan# 2851

Delta R.T. -0.008 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

Instrument :

BNA_G

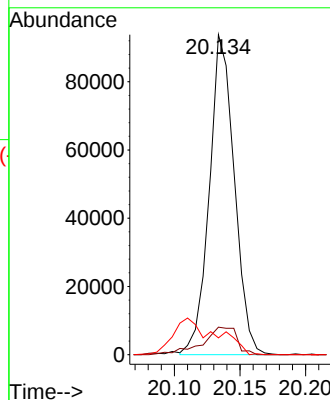
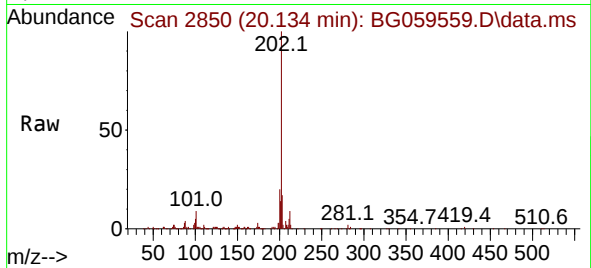
ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

Tgt Ion:	202	Resp:	12452
Ion Ratio	Lower	Upper	
202	100		
101	8.6	7.9	11.9
100	5.2	7.9	11.9

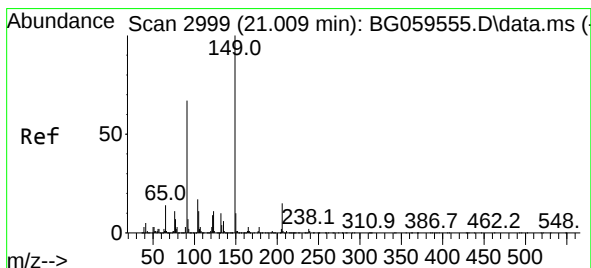
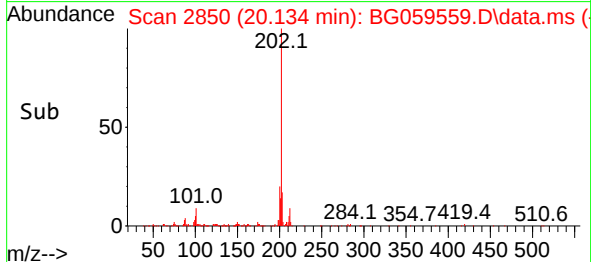
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



11/02/2023
Supervised By :mohammad
ahmed

11/02/2023



#83

Butylbenzylphthalate

Concen: 3.733 ng/ul

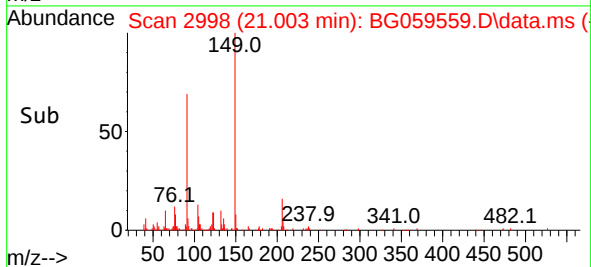
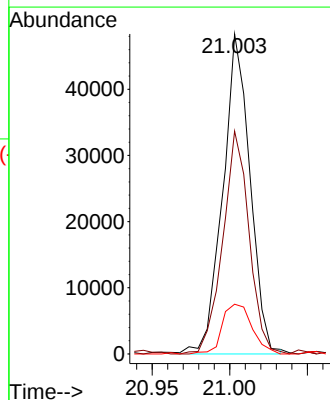
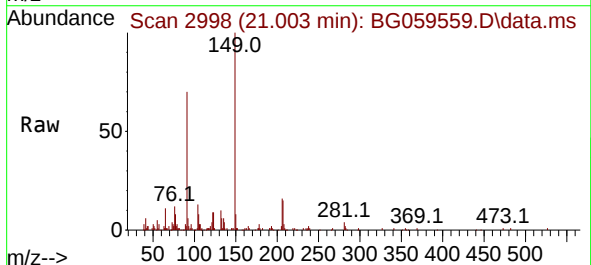
RT: 21.003 min Scan# 2998

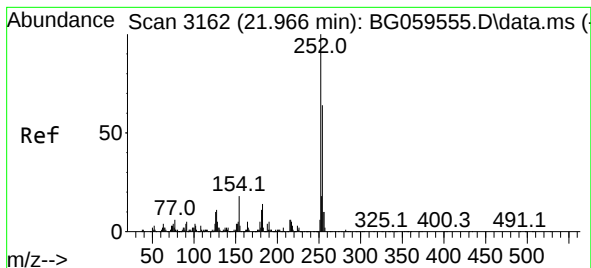
Delta R.T. -0.014 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

Tgt Ion:	149	Resp:	58835
Ion Ratio	Lower	Upper	
149	100		
91	69.7	52.2	78.2
206	15.6	15.1	22.7





#84

3,3'-Dichlorobenzidine

Concen: 4.027 ng/ul

RT: 21.961 min Scan# 3162

Delta R.T. -0.008 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

Instrument :

BNA_G

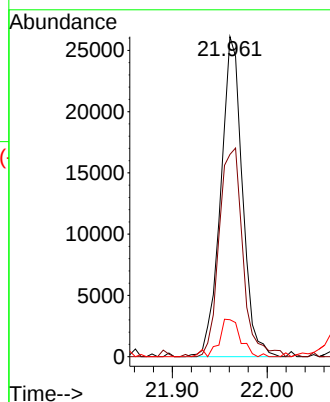
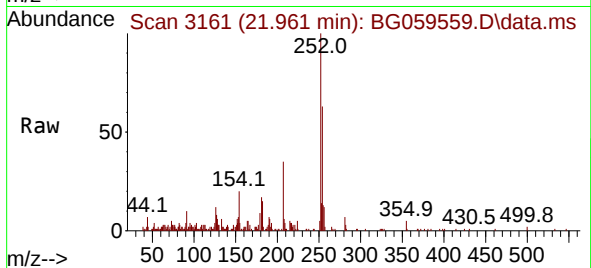
ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

Tgt Ion:	252	Resp:	4152
Ion Ratio	Lower	Upper	
252	100		
254	63.2	48.9	73.3
126	11.6	11.5	17.3

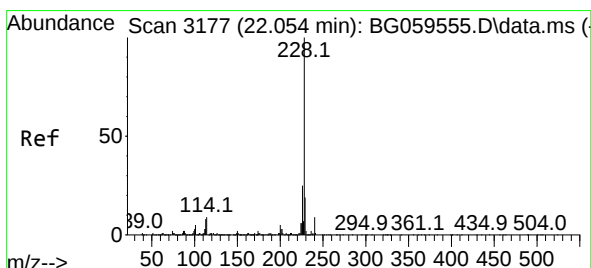
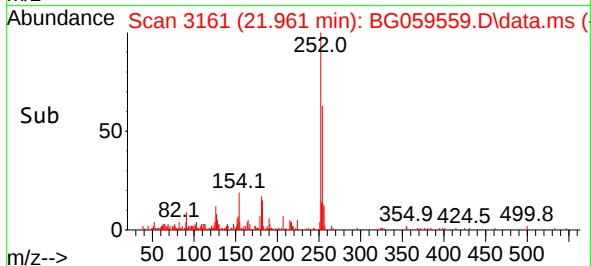
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

11/02/2023



#85

Benzo(a)anthracene

Concen: 3.581 ng/ul

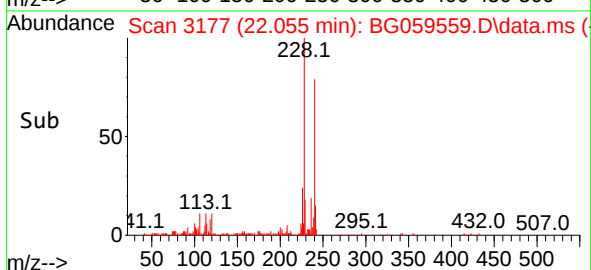
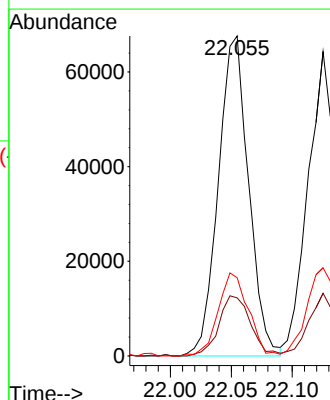
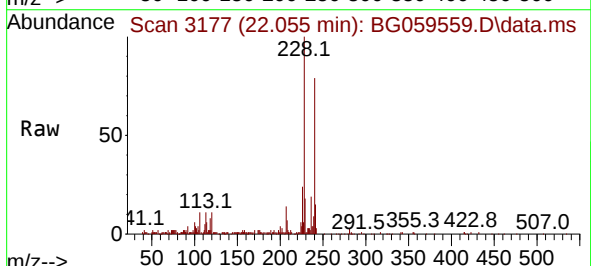
RT: 22.055 min Scan# 3177

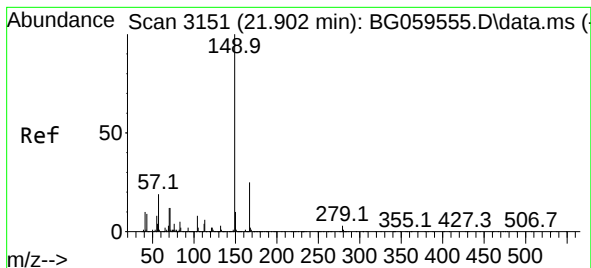
Delta R.T. -0.002 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

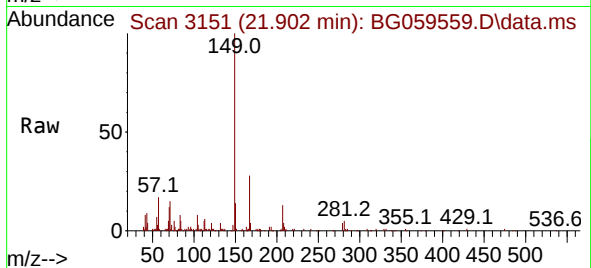
Tgt Ion:	228	Resp:	116870
Ion Ratio	Lower	Upper	
228	100		
229	18.2	16.7	25.1
226	24.5	20.3	30.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.648 ng/ul
RT: 21.902 min Scan# 3151
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

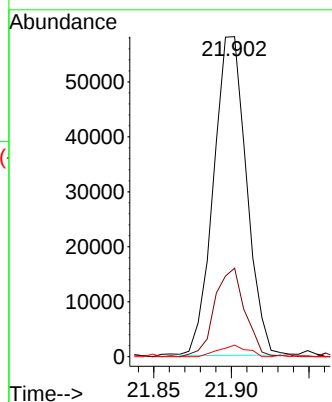
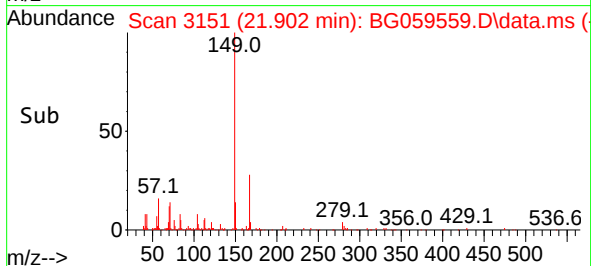
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:149 Resp: 8579
Ion Ratio Lower Upper
149 100
167 27.6 19.4 29.2
279 3.6 2.2 3.4

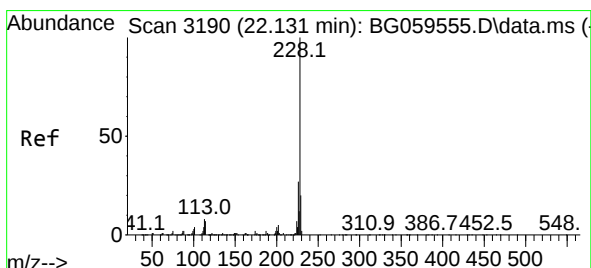
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



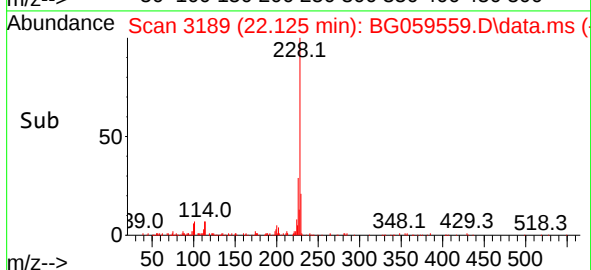
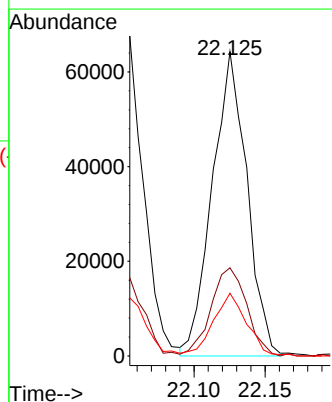
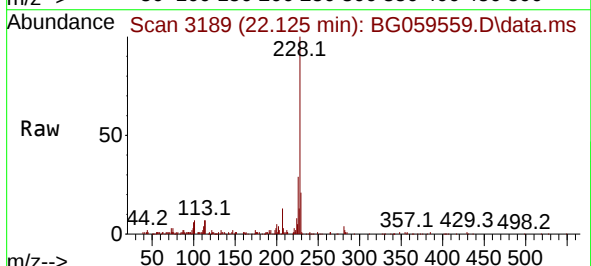
11/02/2023
Supervised By :mohammad
ahmed

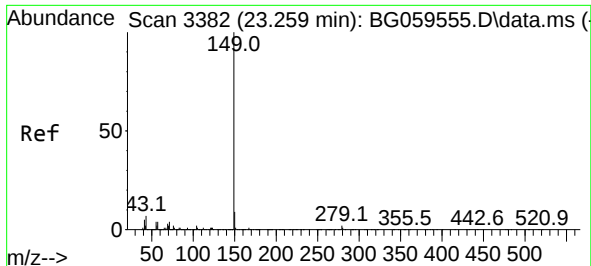
11/02/2023



#87
Chrysene
Concen: 3.587 ng/ul
RT: 22.125 min Scan# 3189
Delta R.T. -0.008 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:228 Resp: 108888
Ion Ratio Lower Upper
228 100
226 29.0 21.0 31.4
229 20.6 15.1 22.7





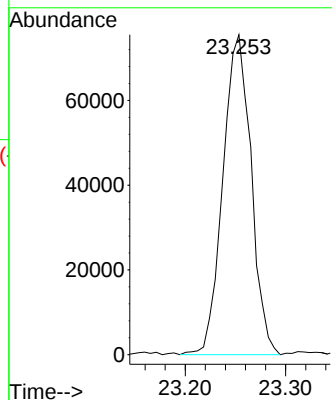
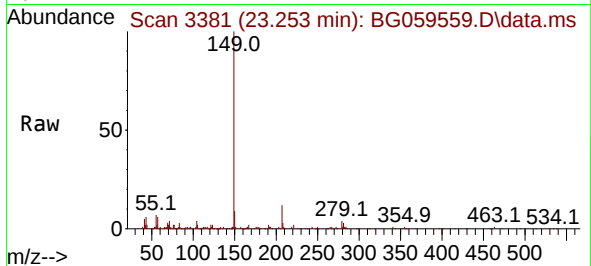
#89
Di-n-octyl phthalate
Concen: 3.842 ng/ul
RT: 23.253 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:149 Resp: 147449

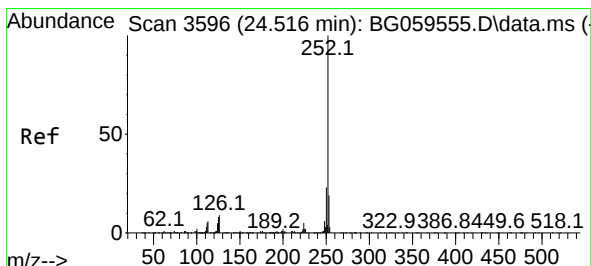
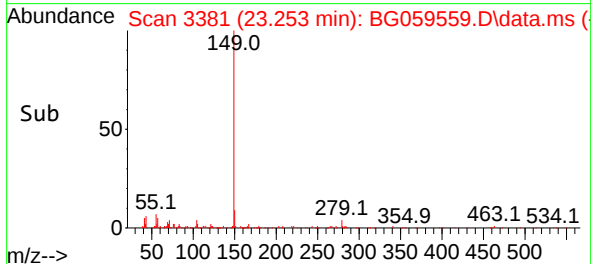
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



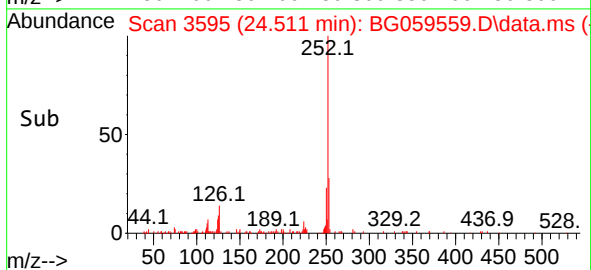
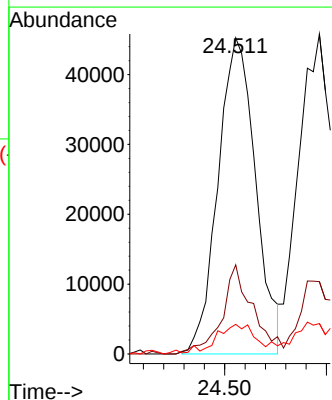
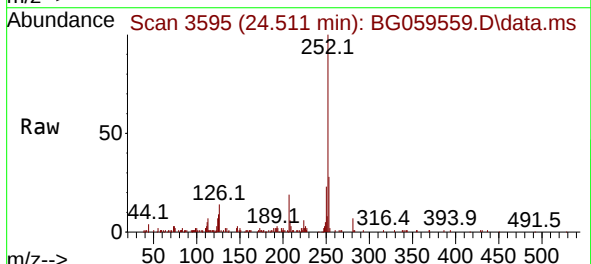
11/02/2023
Supervised By :mohammad
ahmed

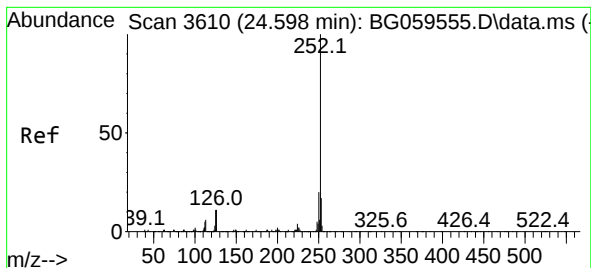
11/02/2023



#90
Benzo(b)fluoranthene
Concen: 3.661 ng/ul m
RT: 24.511 min Scan# 3595
Delta R.T. -0.014 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

Tgt Ion:252 Resp: 116344
Ion Ratio Lower Upper
252 100
253 28.2 17.8 26.8#
125 9.4 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 3.626 ng/u1

RT: 24.593 min Scan# 30

Delta R.T. -0.008 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

Instrument :

BNA_G

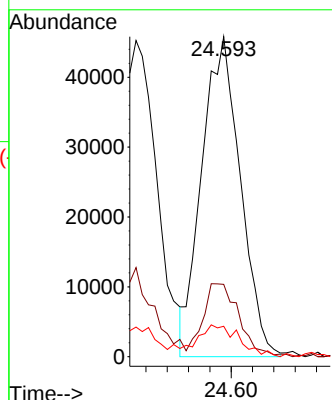
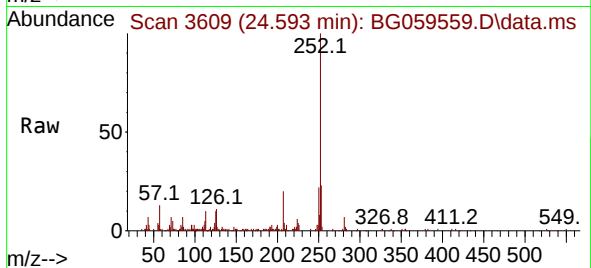
ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

Tgt Ion:252	Resp: 11510
Ion Ratio	Lower Upper
252 100	
253 22.6	17.9 26.9
125 9.5	7.9 11.9

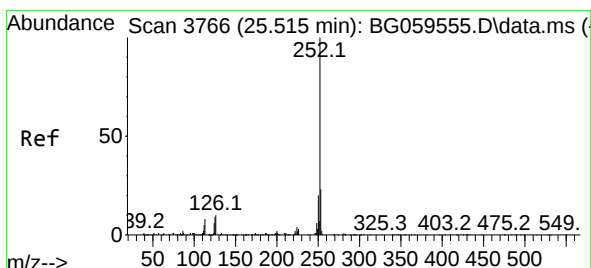
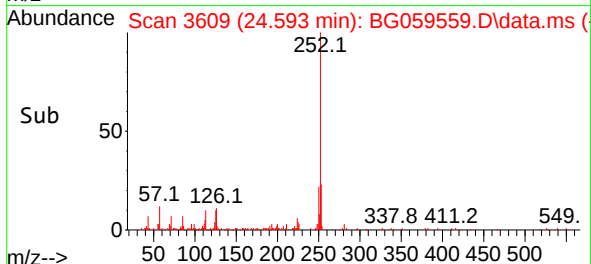
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

11/02/2023



#93

Benzo(a)pyrene

Concen: 3.534 ng/u1

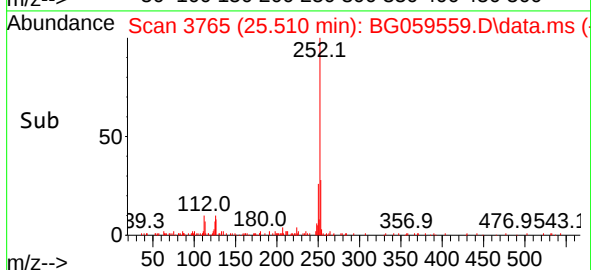
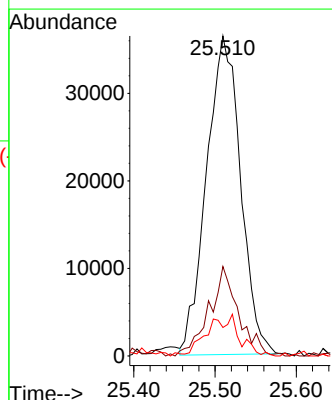
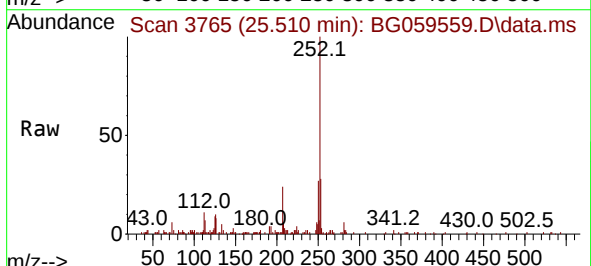
RT: 25.510 min Scan# 3765

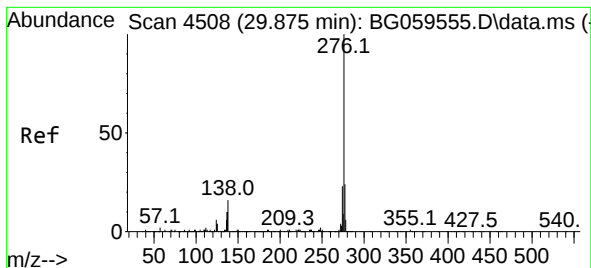
Delta R.T. -0.008 min

Lab File: BG059559.D

Acq: 31 Oct 2023 12:41

Tgt Ion:252	Resp: 106147
Ion Ratio	Lower Upper
252 100	
253 28.0	18.5 27.7#
125 8.9	7.6 11.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.693 ng/ul m

RT: 29.869 min Scan# 4

Delta R.T. -0.020 min

Lab File: BG059559.D

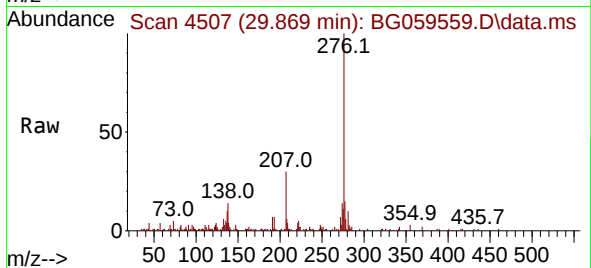
Acq: 31 Oct 2023 12:41

Instrument :

BNA_G

ClientSampleId :

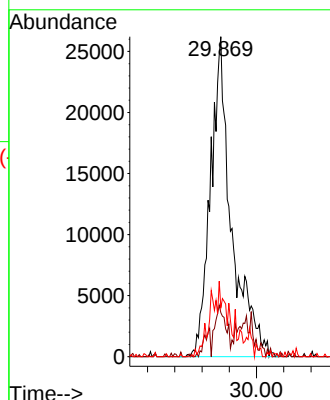
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:	276	Resp:	14059
Ion Ratio	Lower	Upper	
276	100		
138	13.8	15.3	22.9
277	15.3	16.4	24.6

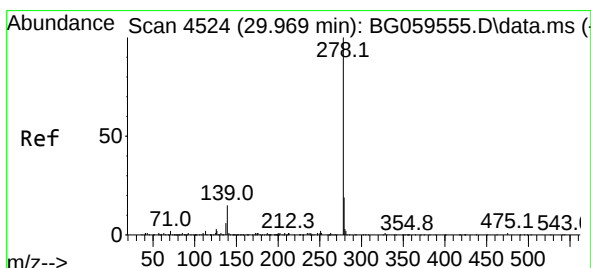
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

11/02/2023



#95

Dibenzo(a,h)anthracene

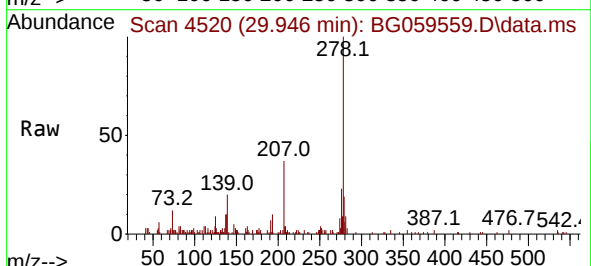
Concen: 3.729 ng/ul m

RT: 29.946 min Scan# 4520

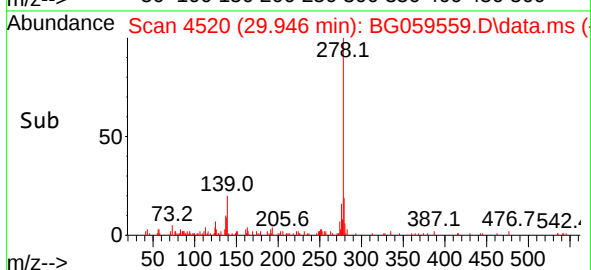
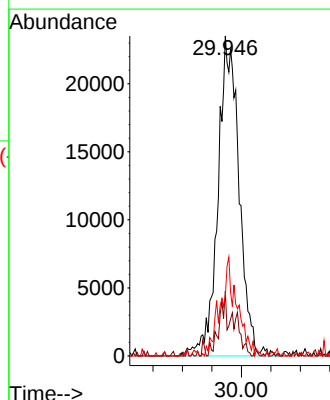
Delta R.T. -0.037 min

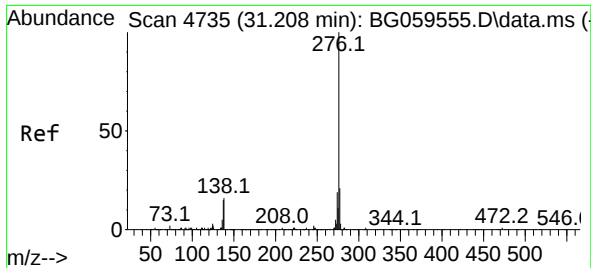
Lab File: BG059559.D

Acq: 31 Oct 2023 12:41



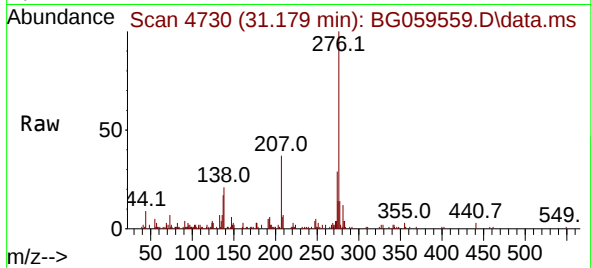
Tgt Ion:	278	Resp:	117233
Ion Ratio	Lower	Upper	
278	100		
139	20.3	11.0	16.6
279	18.6	18.3	27.5





#96
Benzo(g,h,i)perylene
Concen: 3.584 ng/ul m
RT: 31.179 min Scan# 4
Delta R.T. -0.037 min
Lab File: BG059559.D
Acq: 31 Oct 2023 12:41

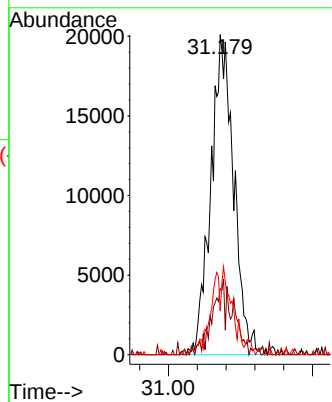
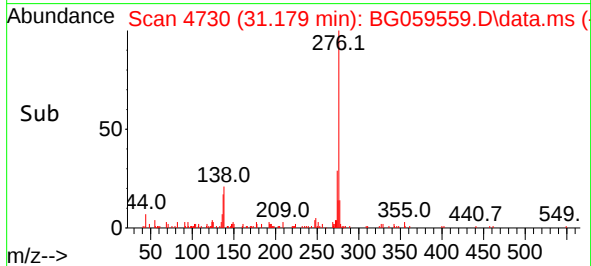
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:276 Resp: 111669
Ion Ratio Lower Upper
276 100
138 20.6 16.2 24.2
277 13.7 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



11/02/2023
Supervised By :mohammad
ahmed

11/02/2023