

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101323\
 Data File : BG059443.D
 Acq On : 13 Oct 2023 15:00
 Operator : MA/JU
 Sample : 02215-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT2-2023-03

Quant Time: Oct 14 00:59:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 17:05:49 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	8.212	152	29349	20.000	ng/ul	0.00
20) Naphthalene-d8	11.056	136	135063	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.852	164	87184	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.607	188	204198	20.000	ng/ul	0.00
79) Chrysene-d12	21.908	240	231041	20.000	ng/ul	0.00
88) Perylene-d12	25.386	264	270019	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.506	96	5200	5.556	ng/uL	0.00
4) Pyridine-d5	3.941	84	60651	23.678	ng/ul	0.00
7) Phenol-d5	7.343	99	71022	22.102	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.537	67	41317	22.560	ng/ul	0.00
11) 2-Chlorophenol-d4	7.731	132	54260	23.730	ng/ul	0.00
15) 4-Methylphenol-d8	8.912	113	51840	21.157	ng/ul	0.00
21) Nitrobenzene-d5	9.417	128	26611	23.858	ng/ul	0.00
24) 2-Nitrophenol-d4	10.128	143	29322	26.930	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.663	165	50058	22.123	ng/ul	0.00
31) 4-Chloroaniline-d4	11.203	131	76219	21.226	ng/ul	0.00
46) Dimethylphthalate-d6	14.247	166	169367	22.929	ng/ul	0.00
49) Acenaphthylene-d8	14.558	160	200083	22.465	ng/ul	0.00
54) 4-Nitrophenol-d4	15.040	143	25254	19.793	ng/ul	0.00
60) Fluorene-d10	15.839	176	156460	22.503	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	26257	21.044	ng/ul	0.00
73) Anthracene-d10	17.701	188	244206	23.261	ng/ul	0.00
81) Pyrene-d10	19.981	212	298603	21.279	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.140	264	341170	23.079	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.541	88	2008	1.725	ng/uL#	48
5) Pyridine	3.970	79	9828m	3.885	ng/ul	
6) Benzaldehyde	7.360	77	7017m	4.967	ng/ul	
8) Phenol	7.372	94	11651	3.639	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.631	93	9263	3.691	ng/ul	91
12) 2-Chlorophenol	7.766	128	9071	3.865	ng/ul	92
13) 2-Methylphenol	8.641	108	7832	3.336	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.724	45	19566m	3.724	ng/ul	
16) Acetophenone	9.059	105	13059	3.551	ng/ul#	89
17) N-Nitroso-di-n-propyla...	9.023	70	5233	3.103	ng/ul#	98
18) 4-Methylphenol	8.970	108	8854	3.480	ng/ul	85
19) Hexachloroethane	9.299	117	3580	3.961	ng/ul#	85
22) Nitrobenzene	9.452	77	10047	4.037	ng/ul#	80
23) Isophorone	9.963	82	18150	3.434	ng/ul#	92
25) 2-Nitrophenol	10.163	139	4236	3.557	ng/ul#	88
26) 2,4-Dimethylphenol	10.187	107	8801	3.530	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.451	93	12480	3.696	ng/ul#	94
29) 2,4-Dichlorophenol	10.680	162	8005m	3.671	ng/ul	
30) Naphthalene	11.109	128	29833	3.670	ng/ul	98
32) 4-Chloroaniline	11.227	127	12486	3.704	ng/ul#	87
33) Hexachlorobutadiene	11.332	225	5170	3.584	ng/ul#	86
34) Caprolactam	12.002	113	2938m	3.815	ng/ul	
35) 4-Chloro-3-methylphenol	12.313	107	7355	3.302	ng/ul#	83
36) 2-Methylnaphthalene	12.701	142	19658	3.748	ng/ul#	74

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.913	142	19842	3.715	ng/ul#	79	10/16/2023
39) 1,2,4,5-Tetrachloroben...	13.036	216	10393	3.691	ng/ul	92	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.995	237	8074	4.958	ng/ul	93	
41) 2,4,6-Trichlorophenol	13.289	196	5629	3.253	ng/ul#	89	
42) 2,4,5-Trichlorophenol	13.353	196	6606m	3.469	ng/ul		
43) 1,1'-Biphenyl	13.694	154	28074	3.600	ng/ul#	98	
44) 2-Chloronaphthalene	13.747	162	20959	3.513	ng/ul#	82	10/17/2023
45) 2-Nitroaniline	13.965	65	5621	3.546	ng/ul#	76	
47) Dimethylphthalate	14.299	163	27895	3.768	ng/ul#	88	
48) 2,6-Dinitrotoluene	14.440	165	4639	3.403	ng/ul#	73	
50) Acenaphthylene	14.587	152	34903	3.708	ng/ul	95	
51) 3-Nitroaniline	14.787	138	4968	3.438	ng/ul#	68	
52) Acenaphthene	14.916	153	23313	3.619	ng/ul	91	
53) 2,4-Dinitrophenol	14.981	184	4669	6.472	ng/ul#	88	
55) 4-Nitrophenol	15.063	109	3099	3.453	ng/ul#	81	
56) Dibenzofuran	15.251	168	32285	3.707	ng/ul	93	
57) 2,4-Dinitrotoluene	15.222	165	8011	4.177	ng/ul#	88	
58) 2,3,4,6-Tetrachlorophenol	15.457	232	5464	3.211	ng/ul#	77	
59) Diethylphthalate	15.645	149	25238	3.528	ng/ul	98	
61) Fluorene	15.898	166	27693	3.790	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.880	204	14146	3.857	ng/ul	88	
63) 4-Nitroaniline	15.945	138	5409	3.866	ng/ul#	71	
66) 4,6-Dinitro-2-methylph...	15.968	198	4418	3.311	ng/ul#	94	
67) N-Nitrosodiphenylamine	16.103	169	21870	3.664	ng/ul#	84	
68) 4-Bromophenyl-phenylether	16.779	248	8116	3.626	ng/ul	93	
69) Hexachlorobenzene	16.867	284	10320	4.022	ng/ul#	89	
70) Atrazine	17.032	200	10385	4.409	ng/ul#	85	
71) Pentachlorophenol	17.231	266	7539	5.184	ng/ul#	86	
72) Phenanthrene	17.648	178	47674	3.755	ng/ul#	96	
74) Anthracene	17.737	178	50797m	3.881	ng/ul		
75) 1,2,3,4-Tetrachloroben...	13.647	216	10631	3.615	ng/ul	88	
76) Pentachlorobenzene	15.145	250	11539	4.055	ng/ul	97	
77) Carbazole	18.019	167	40966	3.637	ng/ul	98	
78) Di-n-butylphthalate	18.518	149	45959	3.585	ng/ul	100	
80) Fluoranthene	19.640	202	56717	3.328	ng/ul#	89	
82) Pyrene	20.010	202	65432	3.612	ng/ul#	94	
83) Butylbenzylphthalate	20.862	149	20608	3.369	ng/ul#	96	
84) 3,3'-Dichlorobenzidine	21.802	252	20824m	3.477	ng/ul		
85) Benzo(a)anthracene	21.885	228	64410	3.534	ng/ul	94	
86) Bis(2-ethylhexyl)phtha...	21.714	149	31261	3.543	ng/ul	93	
87) Chrysene	21.955	228	62907	3.663	ng/ul	99	
89) Di-n-octyl phthalate	23.001	149	52430	3.281	ng/ul	100	
90) Benzo(b)fluoranthene	24.252	252	65572	3.575	ng/ul#	92	
91) Benzo(k)fluoranthene	24.323	252	68781	3.658	ng/ul#	91	
93) Benzo(a)pyrene	25.216	252	68534	3.897	ng/ul#	94	
94) Indeno(1,2,3-cd)pyrene	29.388	276	70309m	3.555	ng/ul		
95) Dibenzo(a,h)anthracene	29.470	278	59037m	3.612	ng/ul		
96) Benzo(g,h,i)perylene	30.663	276	56021m	3.488	ng/ul		

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

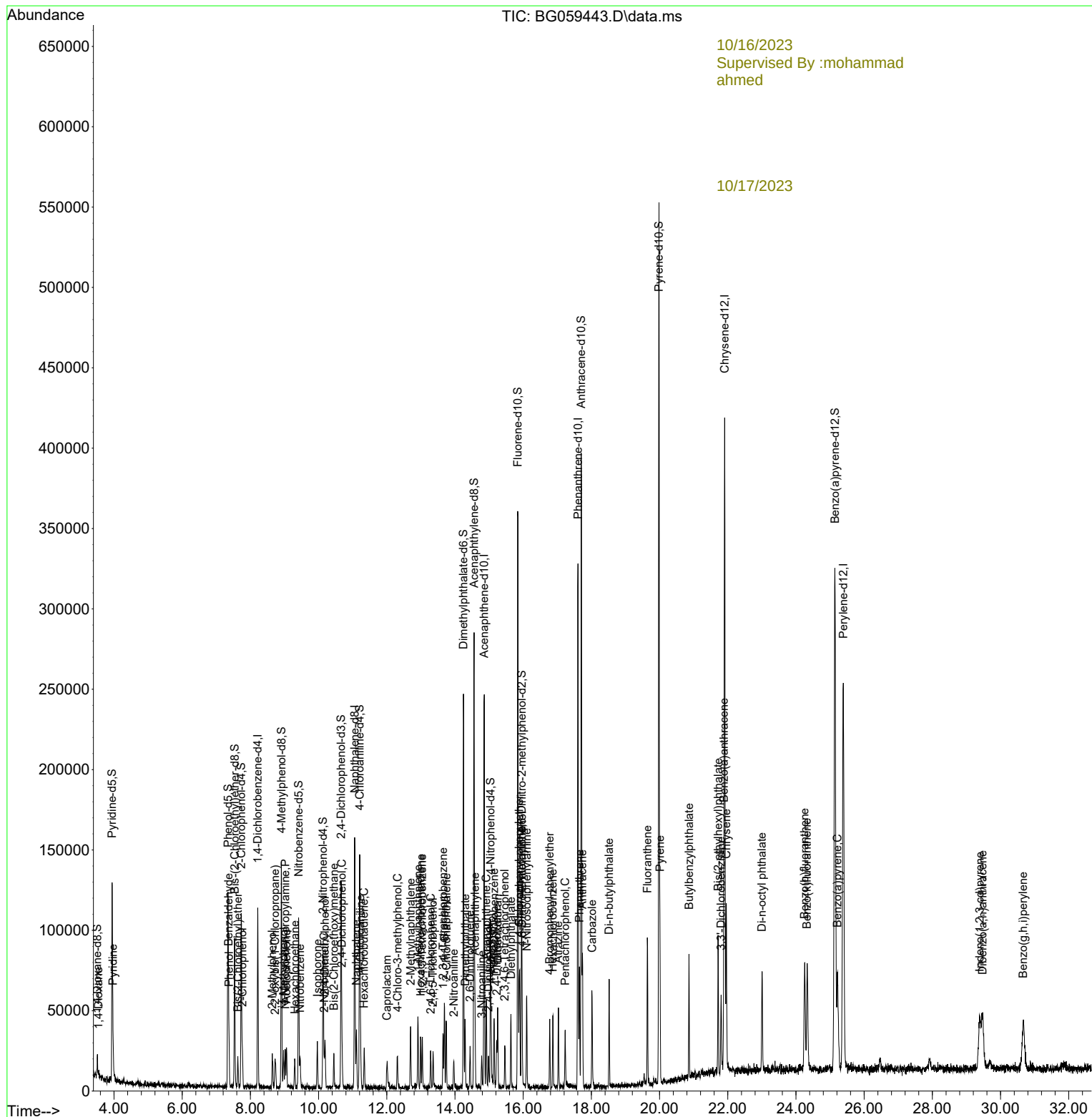
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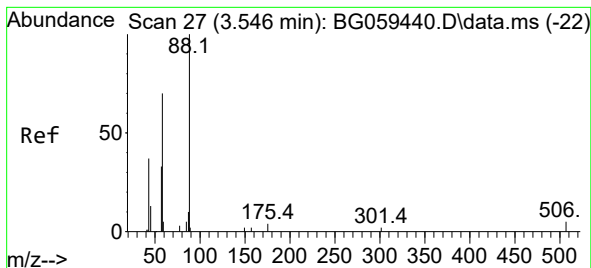
Instrument :
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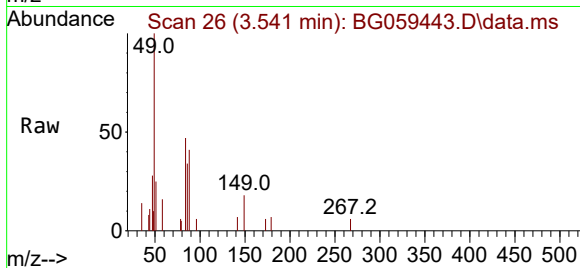
Reviewed By :Yogesh
 Patel





#2
1,4-Dioxane
Concen: 1.725 ng/uL
RT: 3.541 min Scan# 20
Delta R.T. -0.009 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

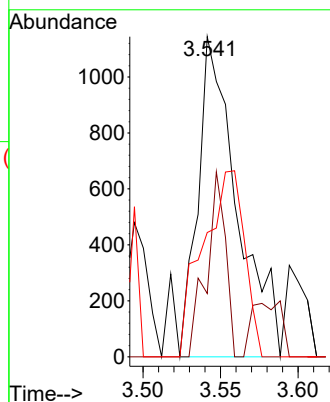
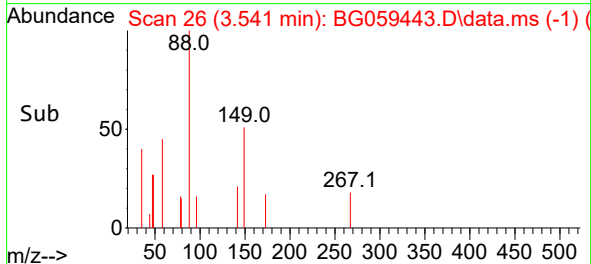
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion: 88 Resp: 2008
Ion Ratio Lower Upper
88 100
43 19.8 21.7 32.5
58 38.8 80.7 121.1

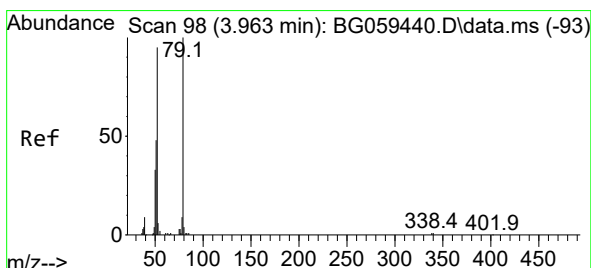
Manual Integrations
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Reviewed By :Yogesh
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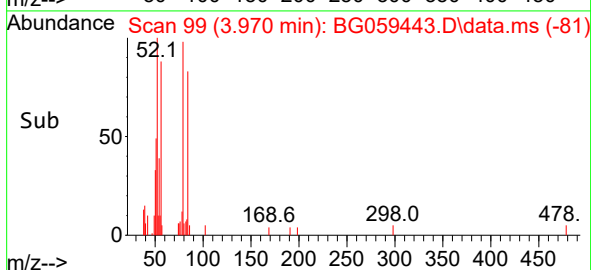
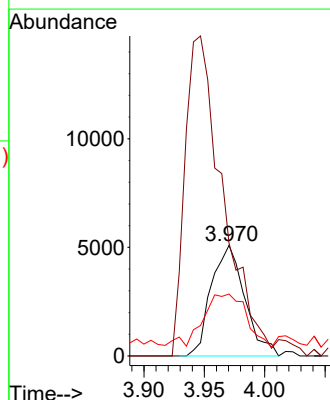
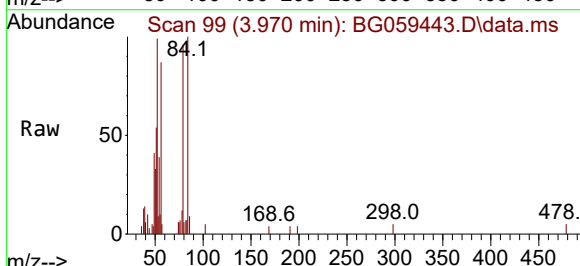
10/16/2023
Supervised By :mohammad
ahmed

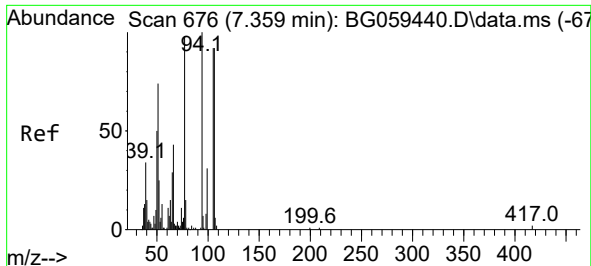
10/17/2023



#5
Pyridine
Concen: 3.885 ng/uL m
RT: 3.970 min Scan# 99
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

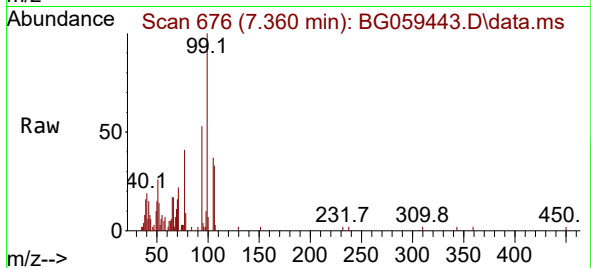
Tgt Ion: 79 Resp: 9828
Ion Ratio Lower Upper
79 100
52 102.3 87.2 130.8
51 56.1 41.9 62.9





#6
Benzaldehyde
Concen: 4.967 ng/ul m
RT: 7.360 min Scan# 676
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

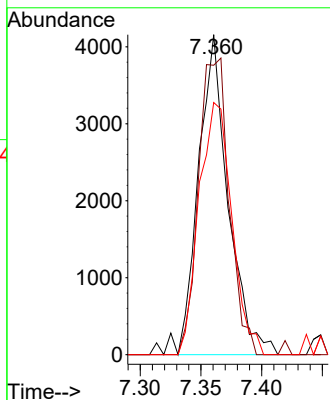
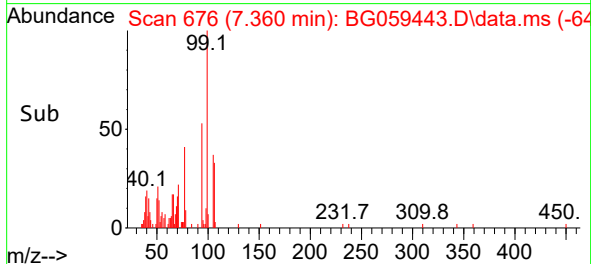
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion: 77 Resp: 701
Ion Ratio Lower Upper
77 100
105 90.5 90.0 135.0
106 78.8 80.3 120.5

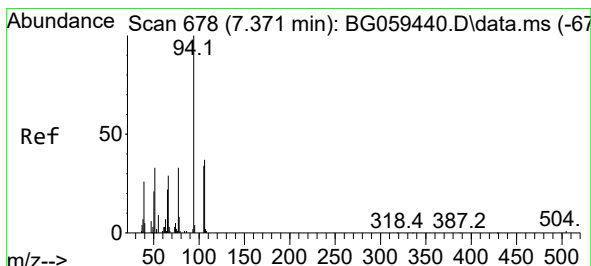
Manual Integrations
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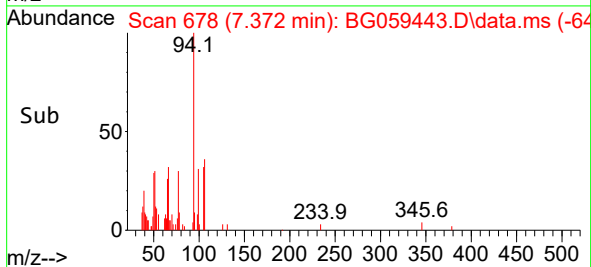
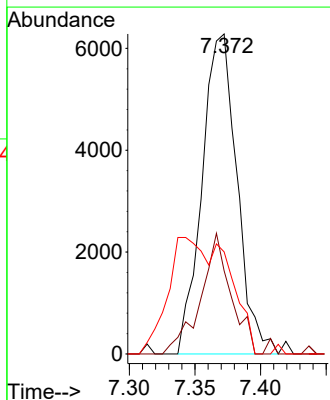
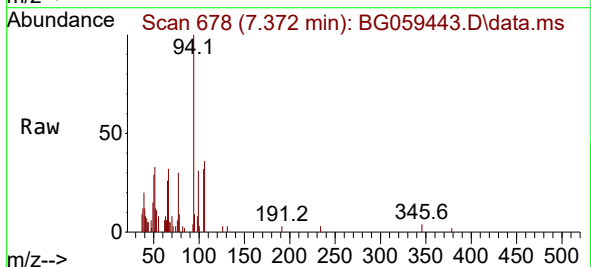
10/16/2023
Supervised By :mohammad
ahmed

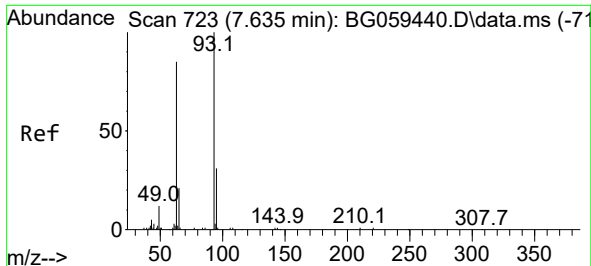
10/17/2023



#8
Phenol
Concen: 3.639 ng/ul
RT: 7.372 min Scan# 678
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

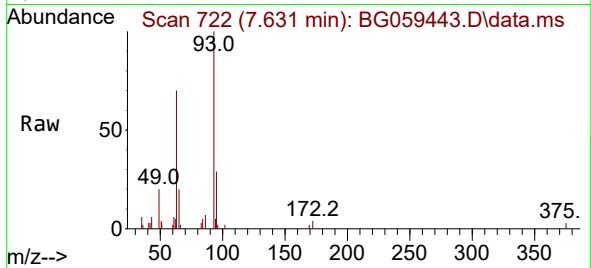
Tgt Ion: 94 Resp: 11651
Ion Ratio Lower Upper
94 100
65 26.0 20.9 31.3
66 31.9 31.1 46.7





#10
Bis(2-Chloroethyl)ether
Concen: 3.691 ng/ul
RT: 7.631 min Scan# 723
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

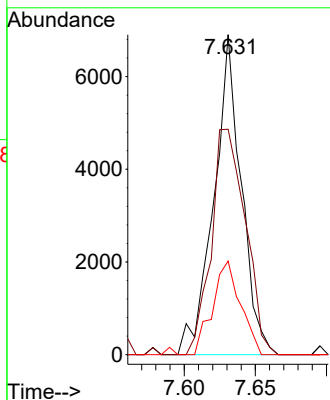
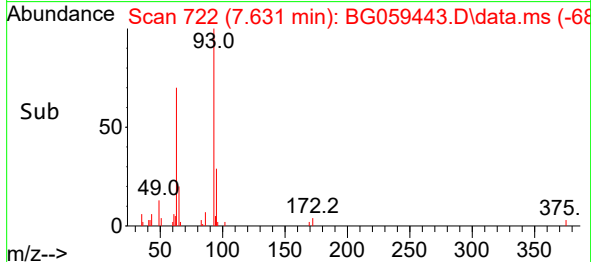
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion: 93 Resp: 926
Ion Ratio Lower Upper
93 100
63 70.4 65.4 98.0
95 29.3 23.8 35.6

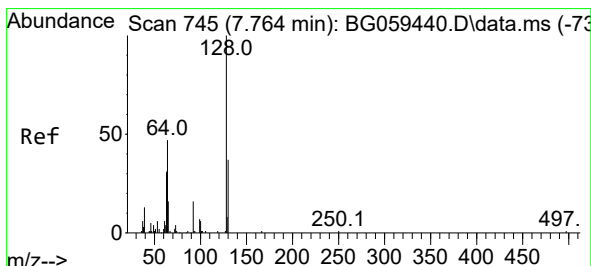
Manual Integrations
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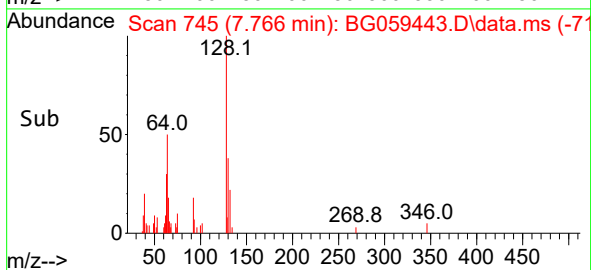
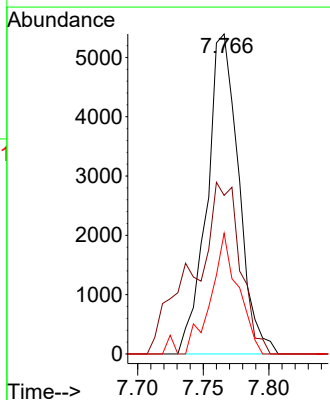
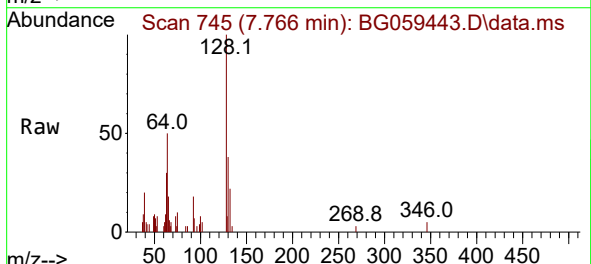
10/16/2023
Supervised By :mohammad
ahmed

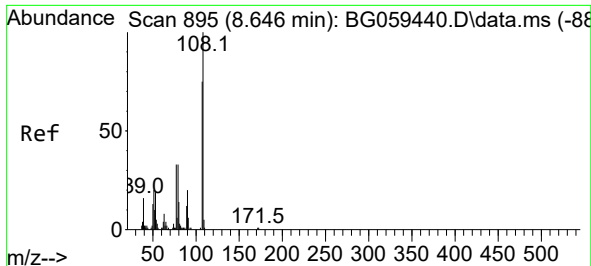
10/17/2023



#12
2-Chlorophenol
Concen: 3.865 ng/ul
RT: 7.766 min Scan# 745
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Tgt Ion:128 Resp: 9071
Ion Ratio Lower Upper
128 100
64 49.5 35.6 53.4
130 37.7 26.2 39.4





#13

2-Methylphenol

Concen: 3.336 ng/ul

RT: 8.641 min Scan# 895

Delta R.T. -0.002 min

Lab File: BG059443.D

Acq: 13 Oct 2023 15:00

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2023-03

Tgt Ion:108 Resp: 7832

Ion Ratio Lower Upper

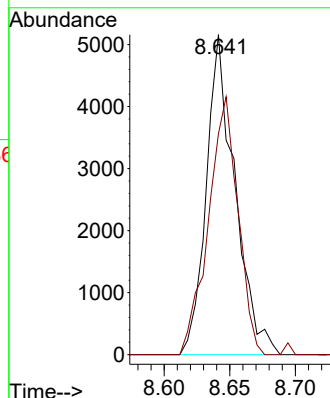
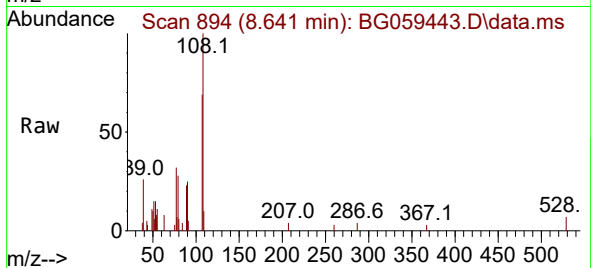
108 100

107 69.0 65.9 98.9

Manual Integrations

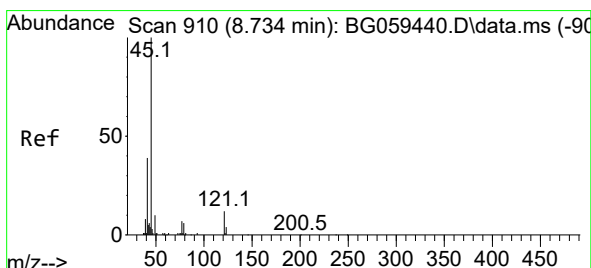
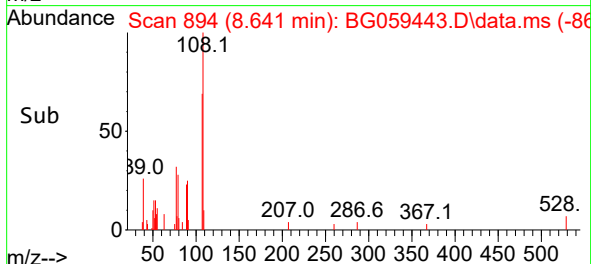
APPROVED

Reviewed By :Yogesh
Patel



10/16/2023
Supervised By :mohammad
ahmed

10/17/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.724 ng/ul m

RT: 8.724 min Scan# 908

Delta R.T. 0.004 min

Lab File: BG059443.D

Acq: 13 Oct 2023 15:00

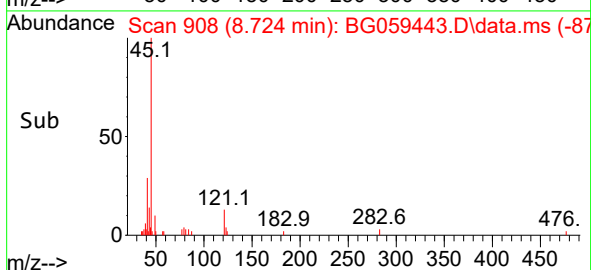
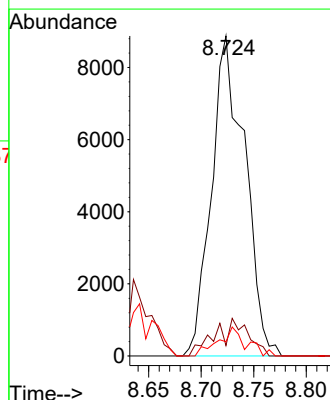
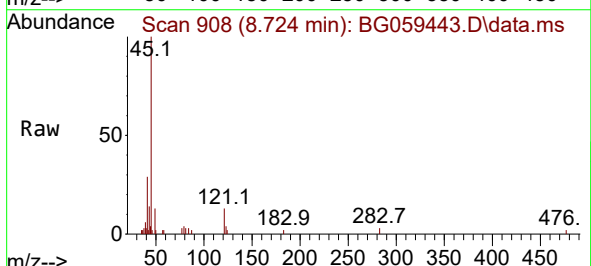
Tgt Ion: 45 Resp: 19566

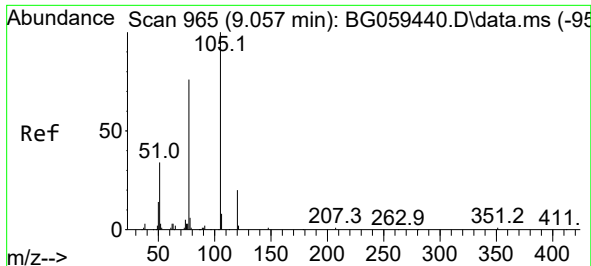
Ion Ratio Lower Upper

45 100

77 3.3 6.8 10.2#

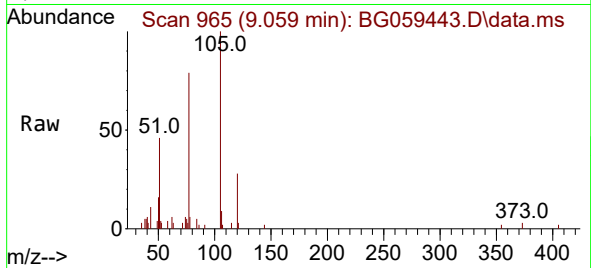
79 4.5 3.8 5.8





#16
Acetophenone
Concen: 3.551 ng/ul
RT: 9.059 min Scan# 905
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

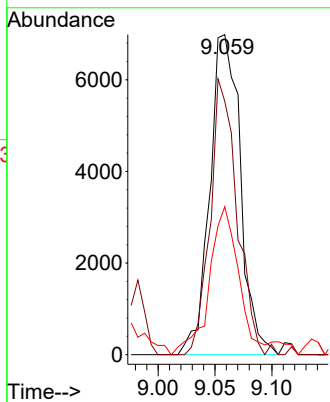
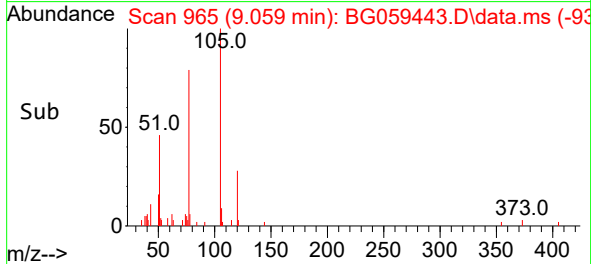
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:	105	Resp:	1305
Ion Ratio	Lower	Upper	
105	100		
77	79.1	57.7	86.5
51	46.3	29.7	44.5

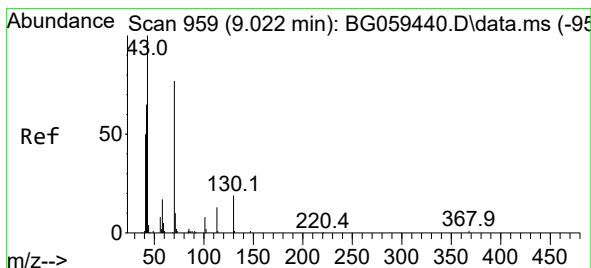
Manual Integrations
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Reviewed By :Yogesh
Patel



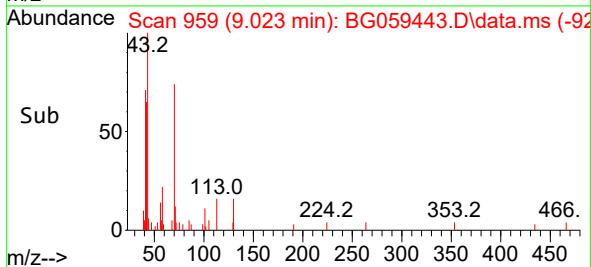
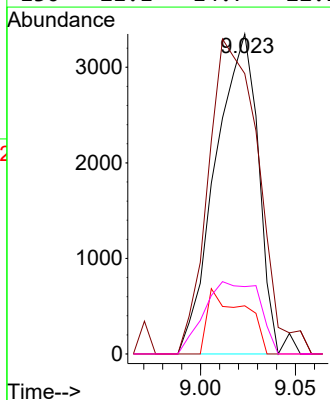
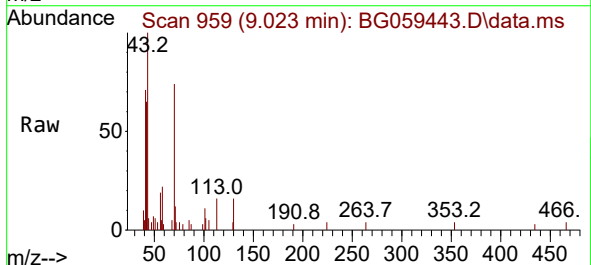
10/16/2023
Supervised By :mohammad
ahmed

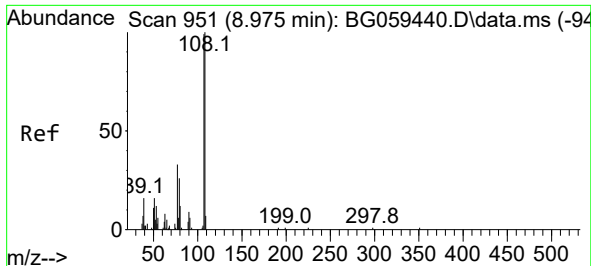
10/17/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.103 ng/ul
RT: 9.023 min Scan# 959
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Tgt Ion:	70	Resp:	5233
Ion Ratio	Lower	Upper	
70	100		
42	87.6	70.0	105.0
101	15.1	7.2	10.8
130	21.1	14.7	22.1





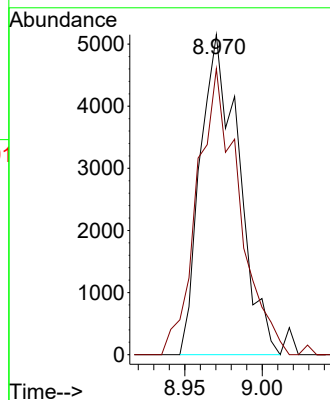
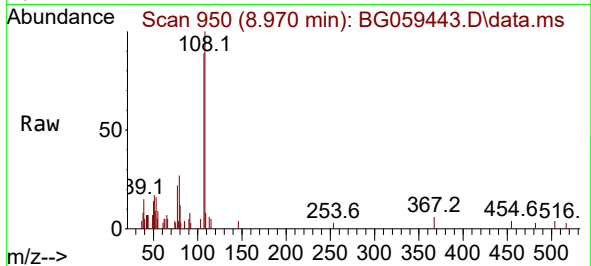
#18
4-Methylphenol
Concen: 3.480 ng/ul
RT: 8.970 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03

Tgt Ion:108 Resp: 8854
Ion Ratio Lower Upper
108 100
107 89.3 83.4 125.2

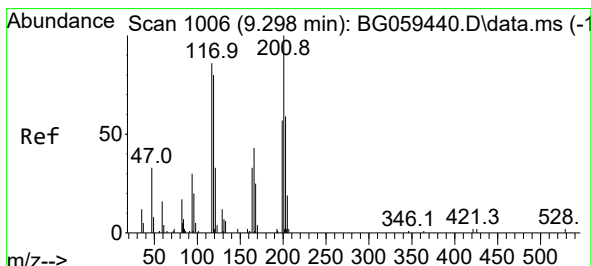
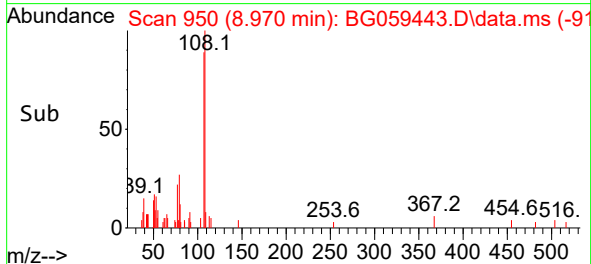
Manual Integrations
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Reviewed By :Yogesh
Patel



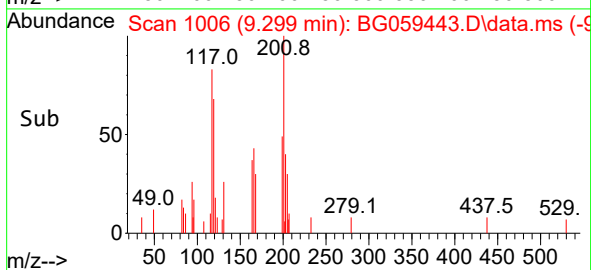
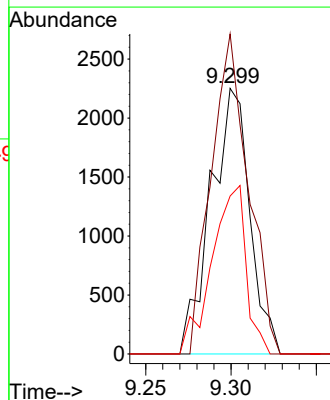
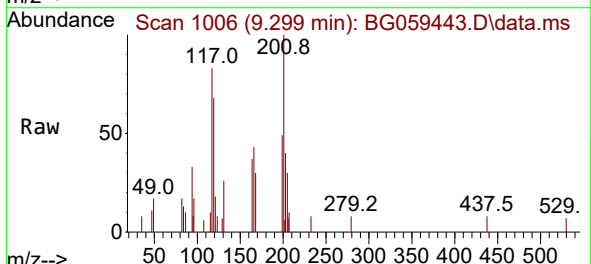
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Supervised By :mohammad
ahmed

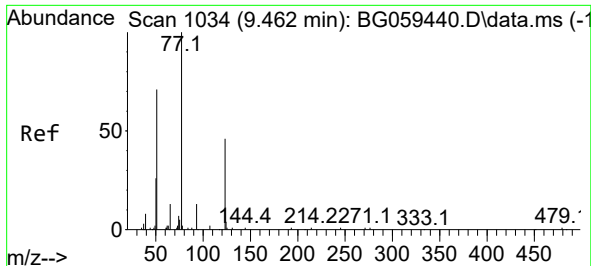
10/17/2023



#19
Hexachloroethane
Concen: 3.961 ng/ul
RT: 9.299 min Scan# 1006
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

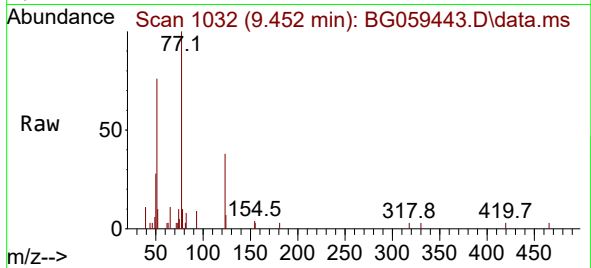
Tgt Ion:117 Resp: 3580
Ion Ratio Lower Upper
117 100
201 120.5 97.4 146.2
199 59.5 73.6 110.4#





#22
Nitrobenzene
Concen: 4.037 ng/ul
RT: 9.452 min Scan# 1032
Delta R.T. -0.008 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

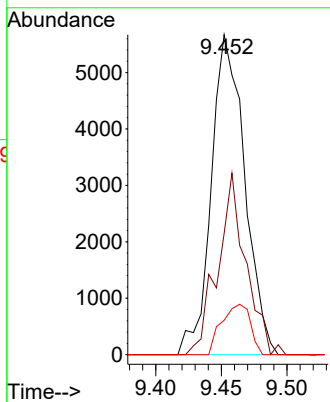
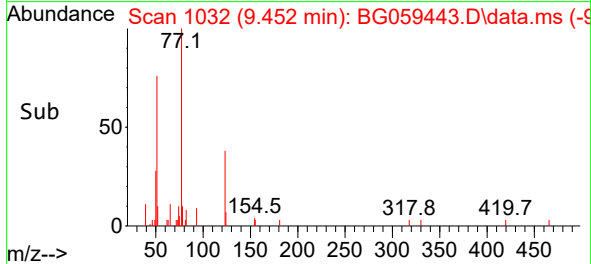
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion: 77 Resp: 1004
Ion Ratio Lower Upper
77 100
123 37.9 43.5 65.3
65 10.8 12.1 18.1

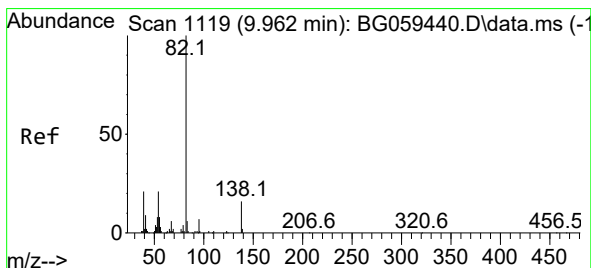
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Reviewed By :Yogesh
Patel



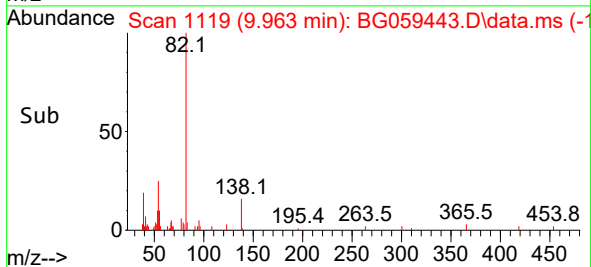
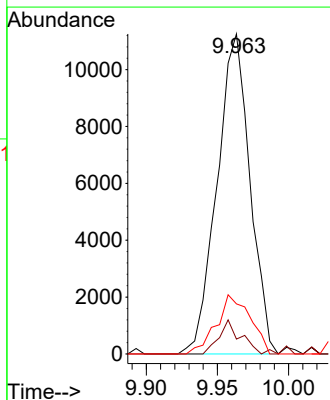
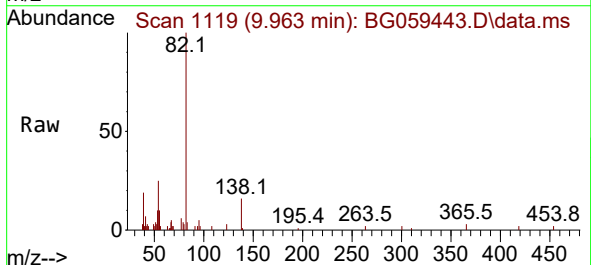
10/16/2023
Supervised By :mohammad
ahmed

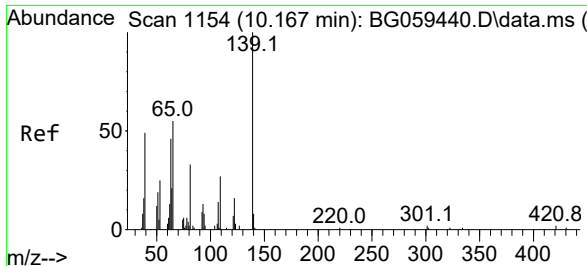
10/17/2023



#23
Isophorone
Concen: 3.434 ng/ul
RT: 9.963 min Scan# 1119
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

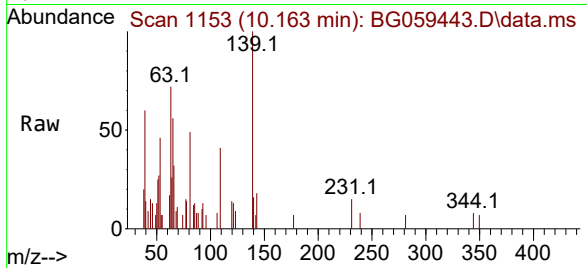
Tgt Ion: 82 Resp: 18150
Ion Ratio Lower Upper
82 100
95 4.7 6.1 9.1#
138 15.6 15.5 23.3





#25
2-Nitrophenol
Concen: 3.557 ng/ul
RT: 10.163 min Scan# 1153
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

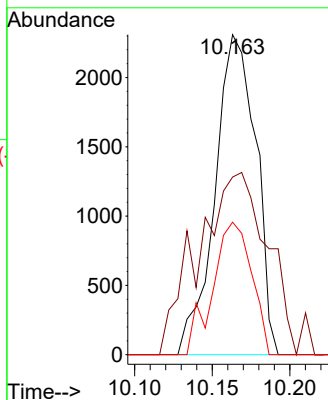
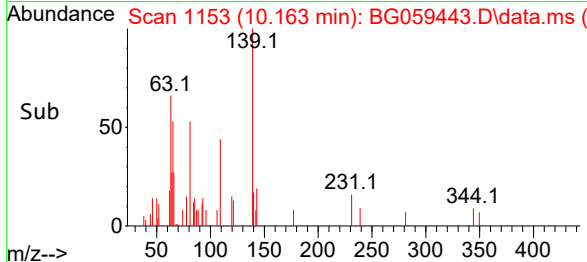
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:139 Resp: 4230
Ion Ratio Lower Upper
139 100
65 55.5 49.4 74.0
109 41.4 23.9 35.9

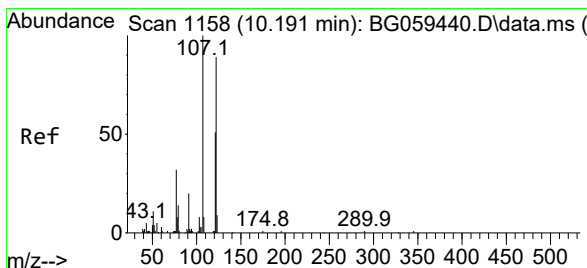
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Reviewed By :Yogesh
Patel

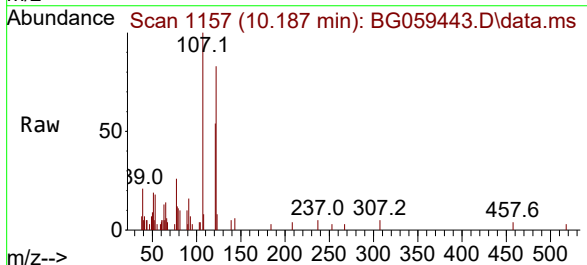


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Supervised By :mohammad
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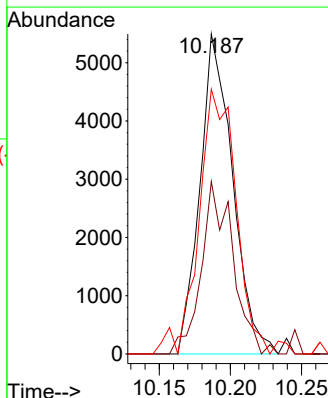
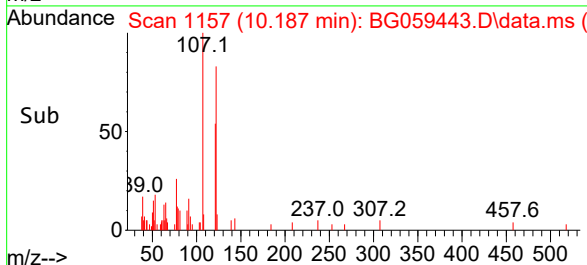
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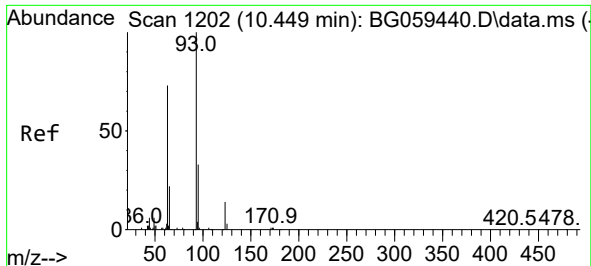


#26
2,4-Dimethylphenol
Concen: 3.530 ng/ul
RT: 10.187 min Scan# 1157
Delta R.T. -0.008 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00



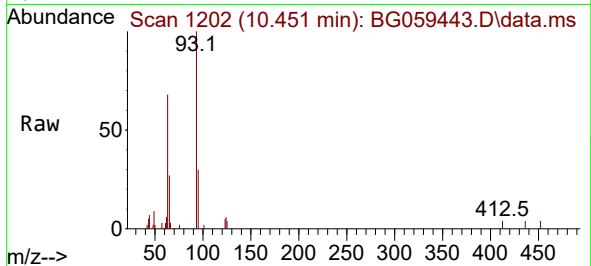
Tgt Ion:107 Resp: 8801
Ion Ratio Lower Upper
107 100
121 53.9 44.0 66.0
122 82.7 65.1 97.7





#27
Bis(2-Chloroethoxy)methane
Concen: 3.696 ng/ul
RT: 10.451 min Scan# 1202
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

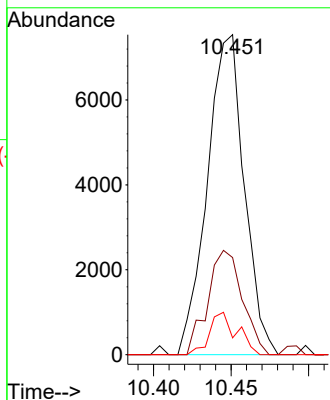
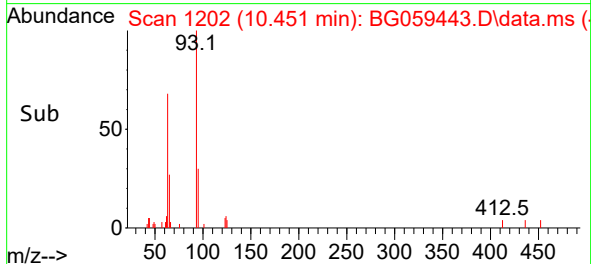
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion: 93 Resp: 12480
Ion Ratio Lower Upper
93 100
95 30.3 26.1 39.1
123 5.3 8.0 12.0

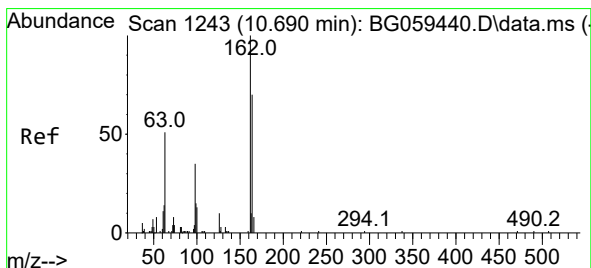
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Reviewed By :Yogesh
Patel



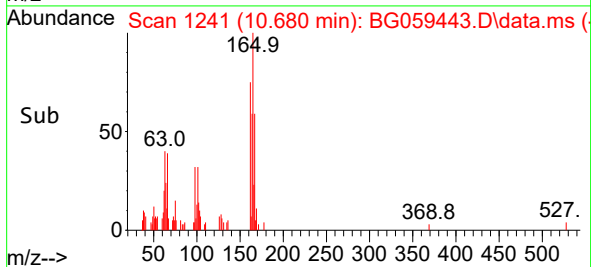
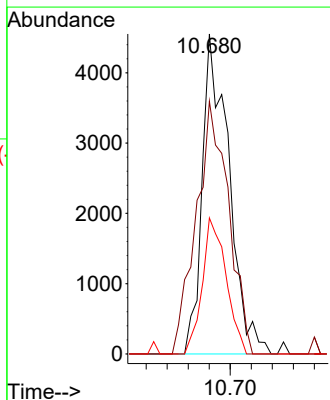
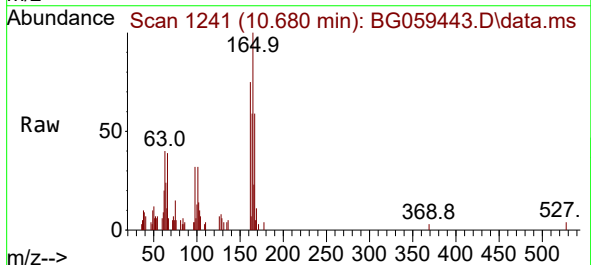
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Supervised By :mohammad
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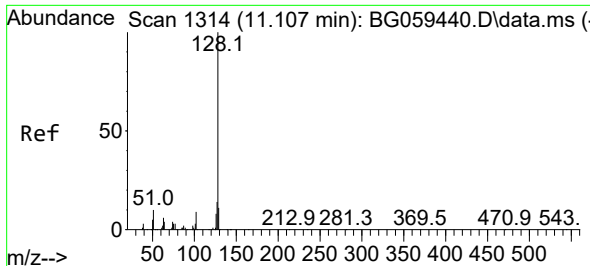
10/17/2023



#29
2,4-Dichlorophenol
Concen: 3.671 ng/ul m
RT: 10.680 min Scan# 1241
Delta R.T. -0.008 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

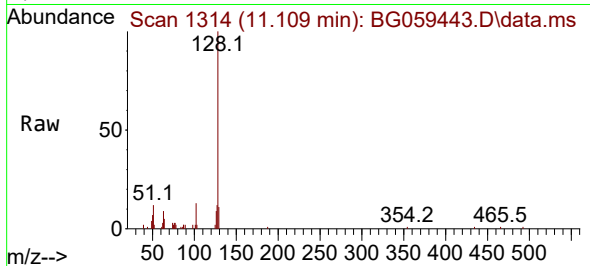
Tgt Ion:162 Resp: 8005
Ion Ratio Lower Upper
162 100
164 79.0 53.5 80.3
98 42.5 26.2 39.4





#30
Naphthalene
Concen: 3.670 ng/ul
RT: 11.109 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

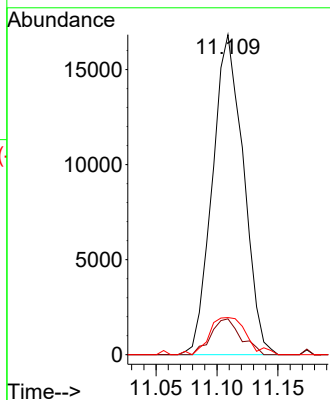
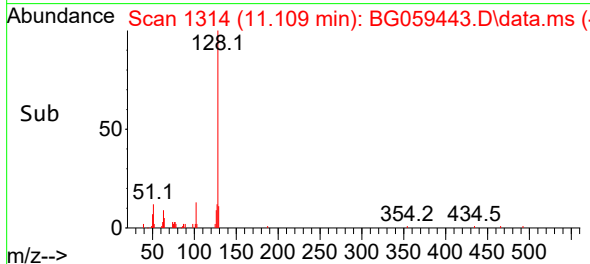
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:128 Resp: 2983
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 11.6 10.4 15.6

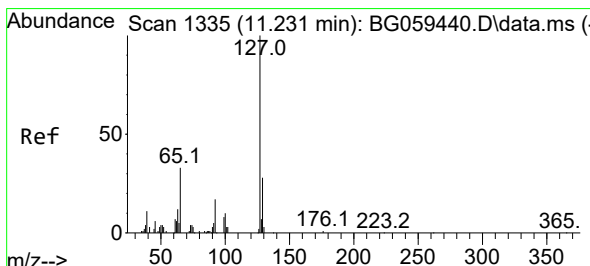
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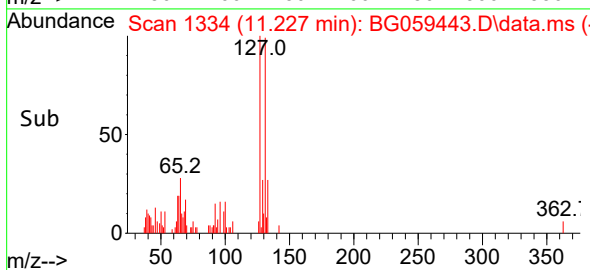
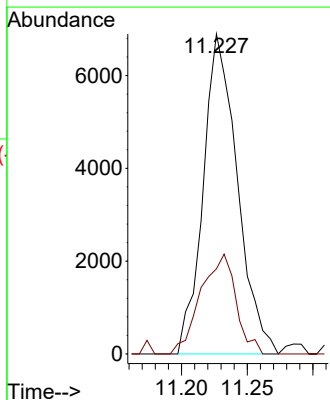
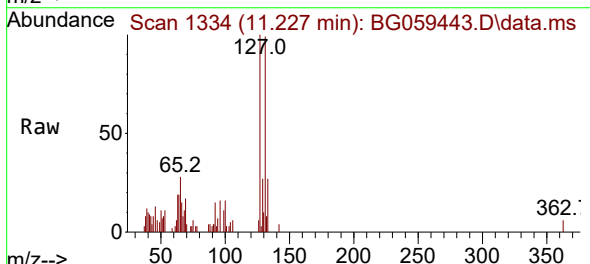
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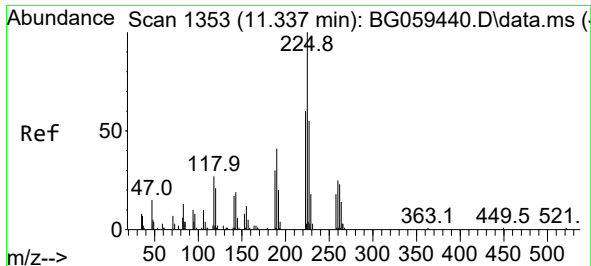
10/17/2023



#32
4-Chloroaniline
Concen: 3.704 ng/ul
RT: 11.227 min Scan# 1334
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

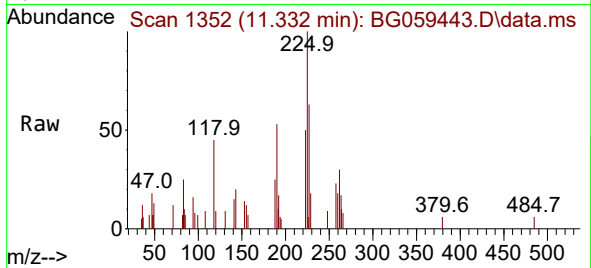
Tgt Ion:127 Resp: 12486
Ion Ratio Lower Upper
127 100
129 26.6 27.0 40.6#





#33
Hexachlorobutadiene
Concen: 3.584 ng/ul
RT: 11.332 min Scan# 1352
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

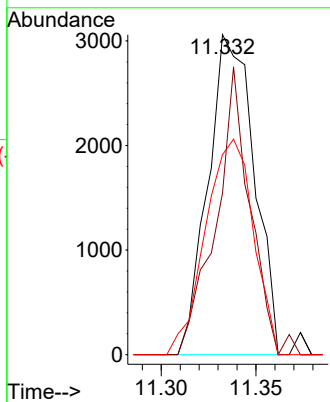
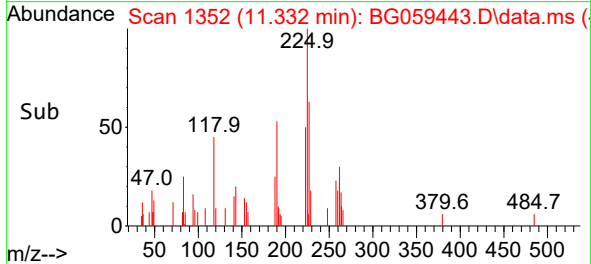
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:225 Resp: 5170
Ion Ratio Lower Upper
225 100
223 50.5 52.4 78.6
227 62.5 55.8 83.8

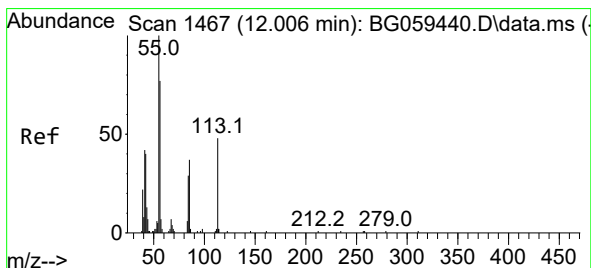
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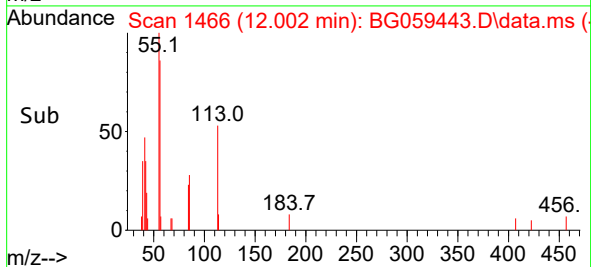
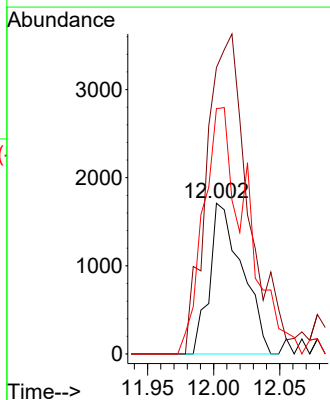
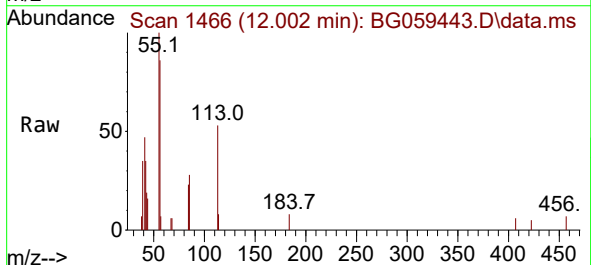
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Supervised By :mohammad
ahmed

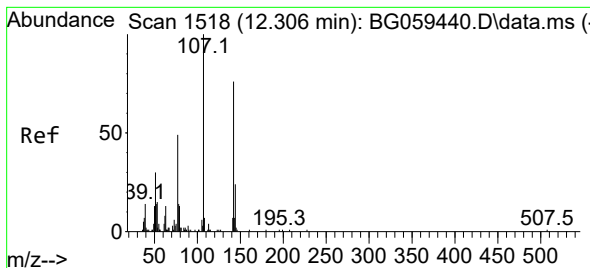
10/17/2023



#34
Caprolactam
Concen: 3.815 ng/ul m
RT: 12.002 min Scan# 1466
Delta R.T. -0.008 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

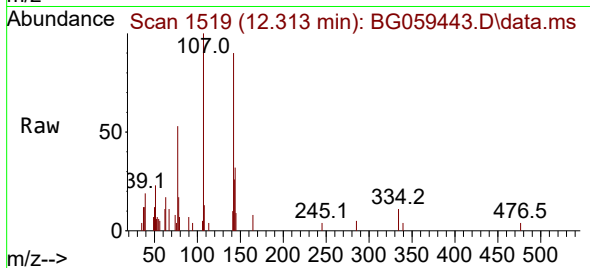
Tgt Ion:113 Resp: 2938
Ion Ratio Lower Upper
113 100
55 189.9 174.3 261.5
56 162.7 130.2 195.2





#35
4-Chloro-3-methylphenol
Concen: 3.302 ng/ul
RT: 12.313 min Scan# 1518
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

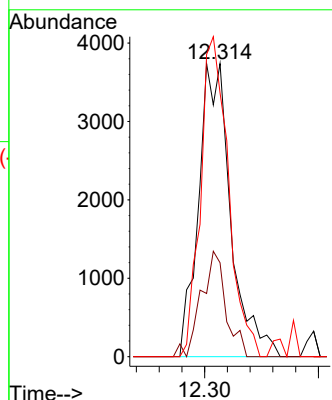
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:107 Resp: 735
Ion Ratio Lower Upper
107 100
144 32.1 23.0 34.6
142 90.0 57.4 86.0

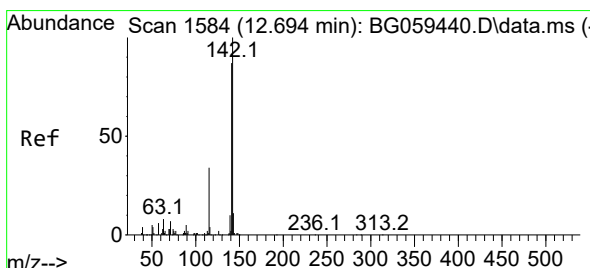
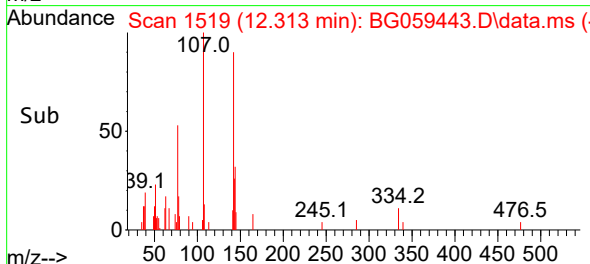
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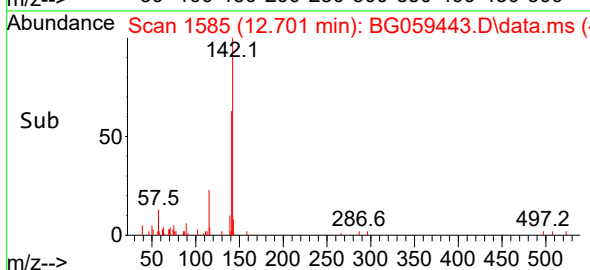
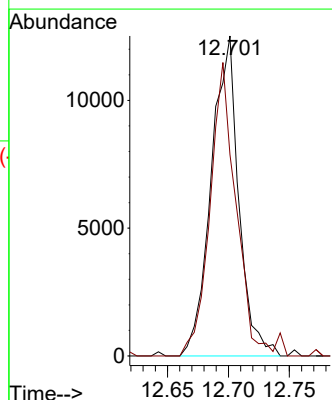
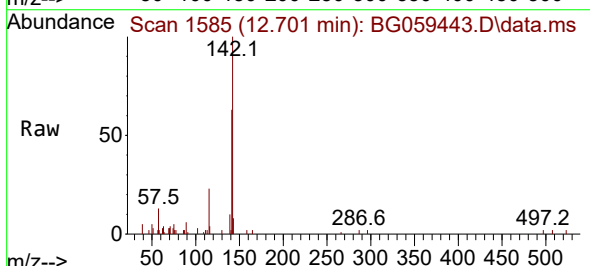
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Supervised By :mohammad
ahmed

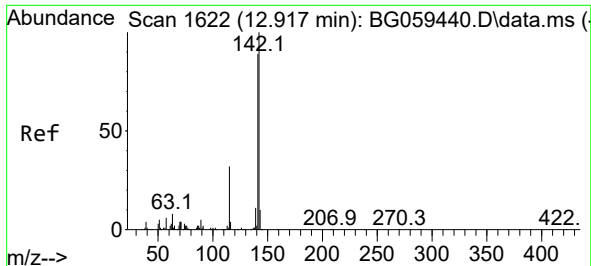
10/17/2023



#36
2-Methylnaphthalene
Concen: 3.748 ng/ul
RT: 12.701 min Scan# 1585
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Tgt Ion:142 Resp: 19658
Ion Ratio Lower Upper
142 100
141 63.0 70.0 105.0





#37

1-Methylnaphthalene

Concen: 3.715 ng/ul

RT: 12.913 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059443.D

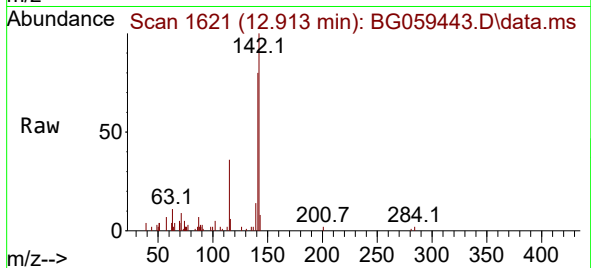
Acq: 13 Oct 2023 15:00

Instrument :

BNA_G

ClientSampleId :

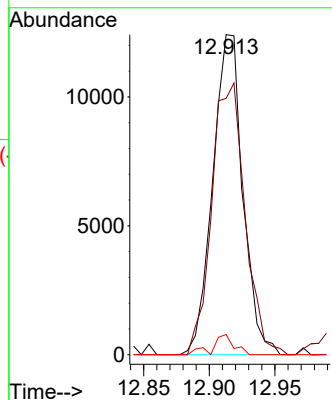
MDL-SOIL-QT2-2023-03



Tgt Ion:	142	Resp:	1984
Ion Ratio	Lower	Upper	
142	100		
141	80.1	81.3	121.9
116	6.3	3.4	5.2

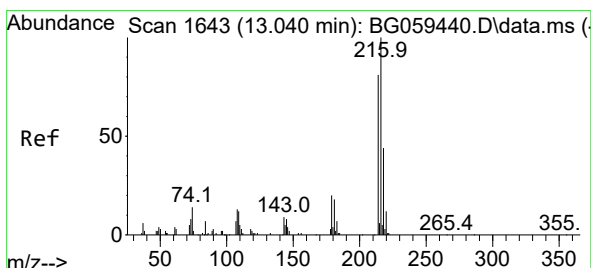
Manual Integrations
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Reviewed By :Yogesh
Patel



10/16/2023
Supervised By :mohammad
ahmed

10/17/2023



#39

1,2,4,5-Tetrachlorobenzene

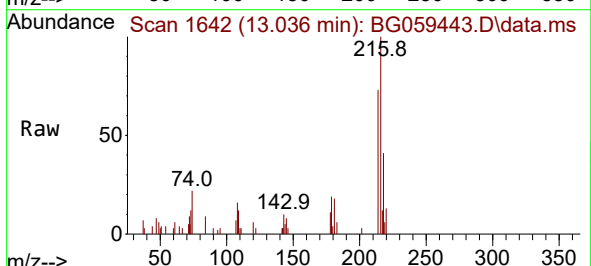
Concen: 3.691 ng/ul

RT: 13.036 min Scan# 1642

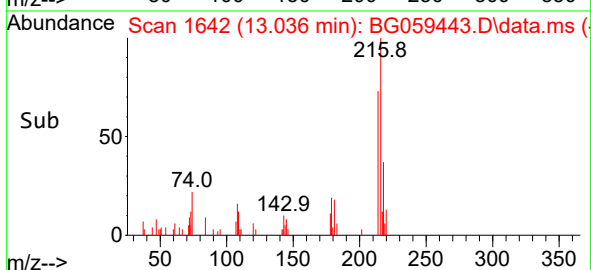
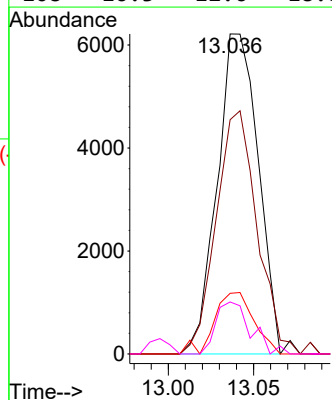
Delta R.T. -0.008 min

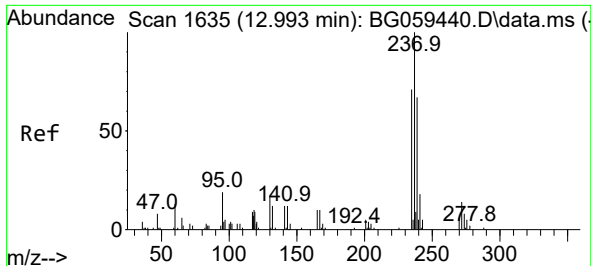
Lab File: BG059443.D

Acq: 13 Oct 2023 15:00



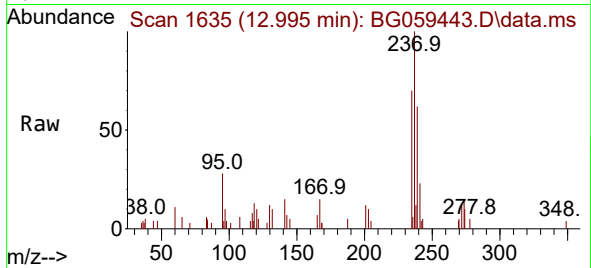
Tgt Ion:	216	Resp:	10393
Ion Ratio	Lower	Upper	
216	100		
214	73.2	66.9	100.3
179	19.0	15.6	23.4
108	16.3	12.6	18.8





#40
Hexachlorocyclopentadiene
Concen: 4.958 ng/ul
RT: 12.995 min Scan# 1635
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

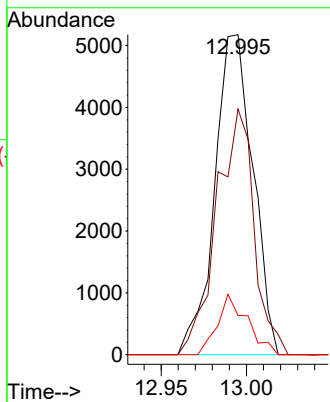
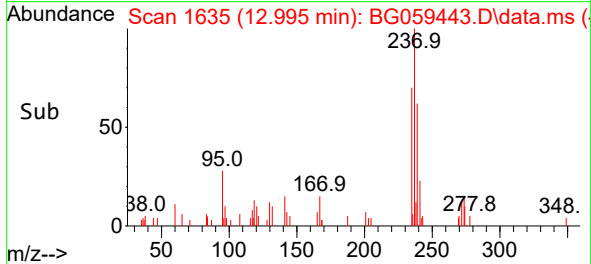
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:237 Resp: 8074
Ion Ratio Lower Upper
237 100
235 76.8 56.5 84.7
272 12.2 10.8 16.2

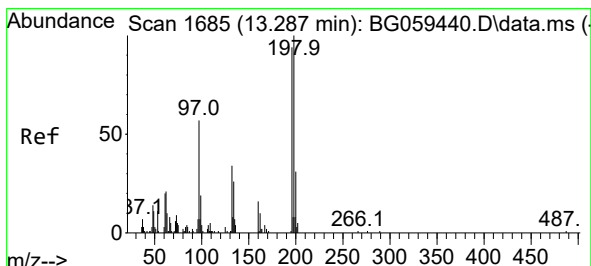
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Reviewed By :Yogesh
Patel

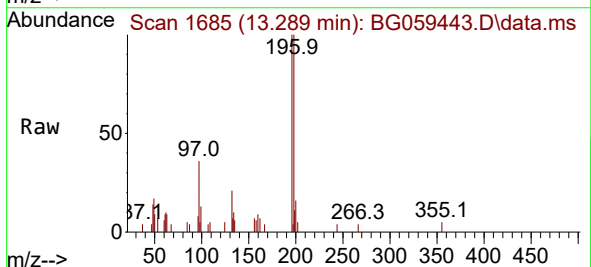


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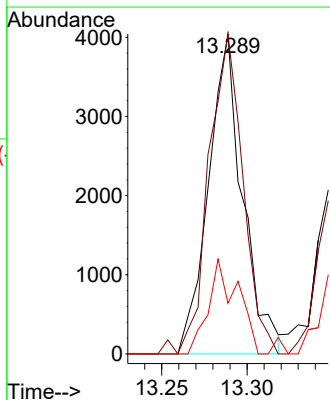
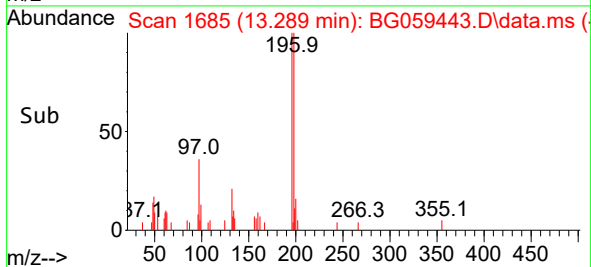
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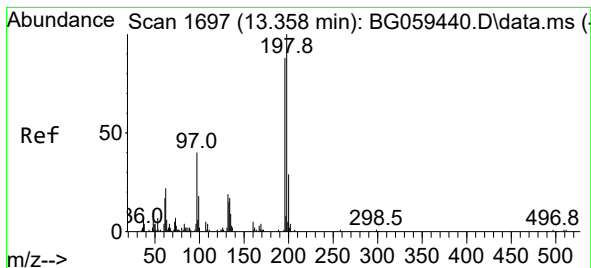


#41
2,4,6-Trichlorophenol
Concen: 3.253 ng/ul
RT: 13.289 min Scan# 1685
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00



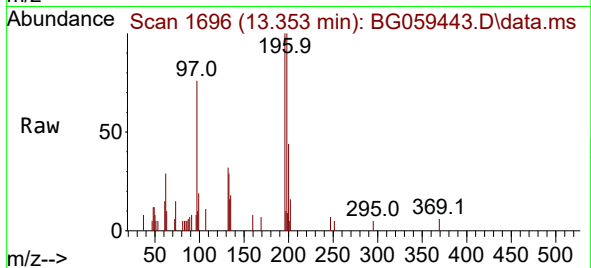
Tgt Ion:196 Resp: 5629
Ion Ratio Lower Upper
196 100
198 100.1 85.7 128.5
200 15.9 24.2 36.4#





#42
2,4,5-Trichlorophenol
Concen: 3.469 ng/ul m
RT: 13.353 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

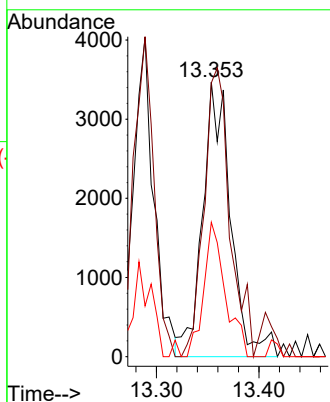
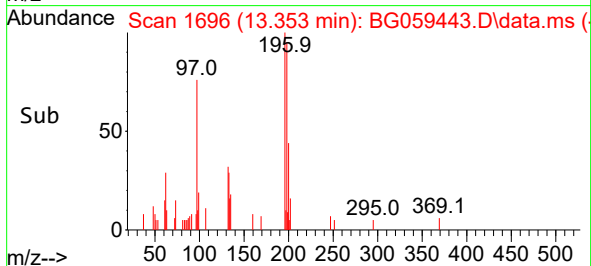
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:196 Resp: 6600
Ion Ratio Lower Upper
196 100
198 99.7 80.3 120.5
200 44.0 25.2 37.8

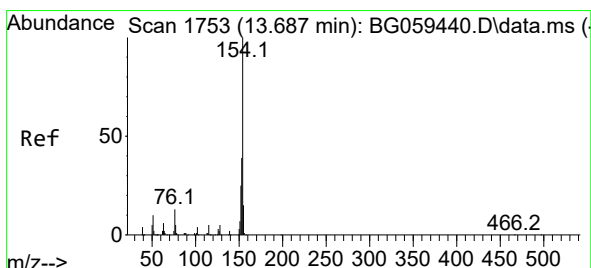
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Patel



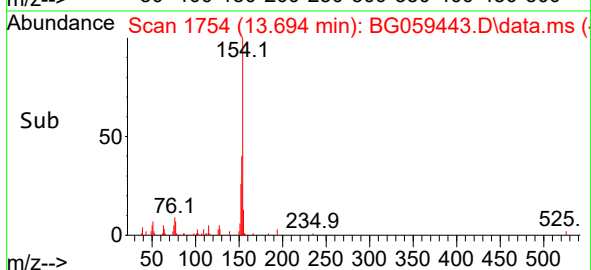
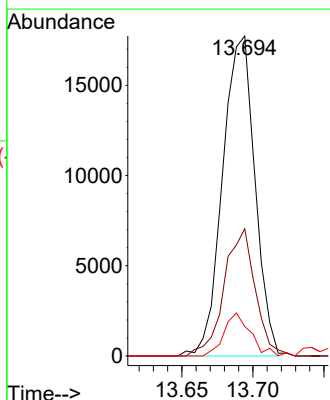
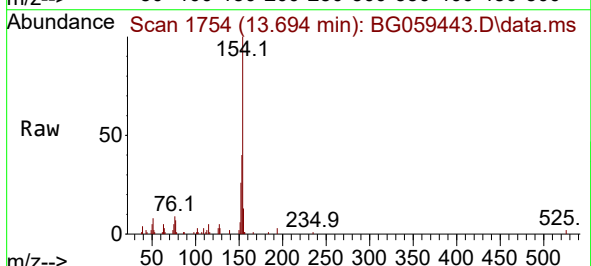
10/16/2023
Supervised By :mohammad
ahmed

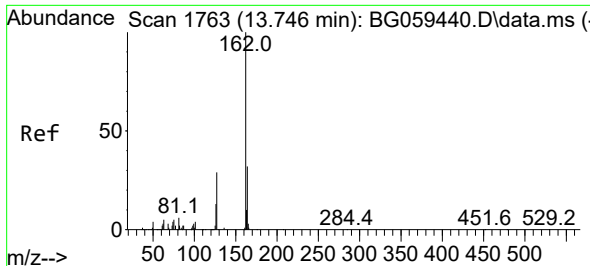
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#43
1,1'-Biphenyl
Concen: 3.600 ng/ul
RT: 13.694 min Scan# 1754
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

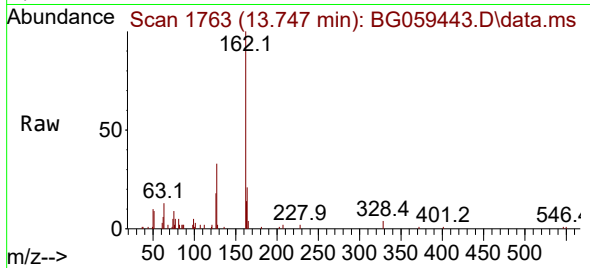
Tgt Ion:154 Resp: 28074
Ion Ratio Lower Upper
154 100
153 39.7 31.3 46.9
76 9.2 9.4 14.0#





#44
2-Chloronaphthalene
Concen: 3.513 ng/ul
RT: 13.747 min Scan# 1763
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

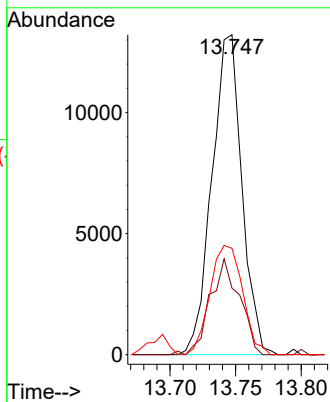
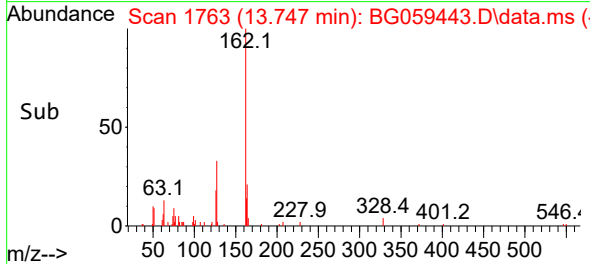
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:162 Resp: 2095
Ion Ratio Lower Upper
162 100
164 20.8 27.8 41.6
127 33.2 33.4 50.2

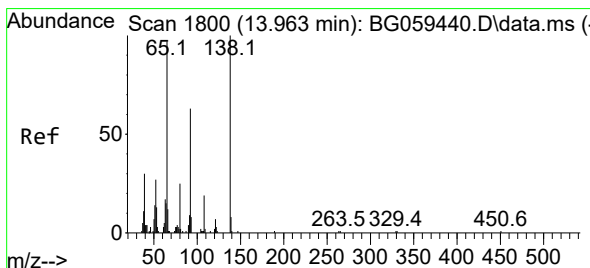
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Patel



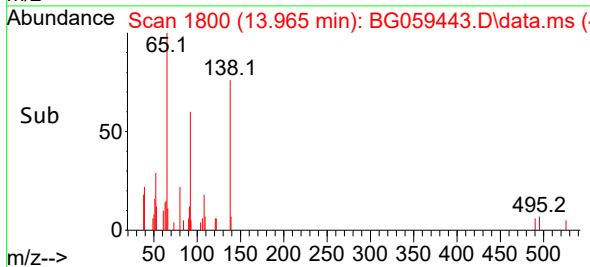
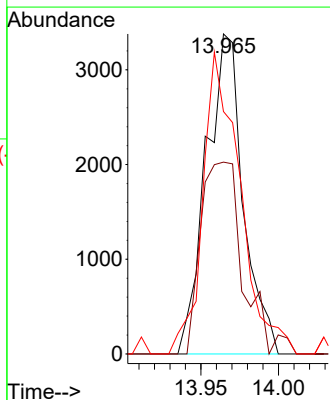
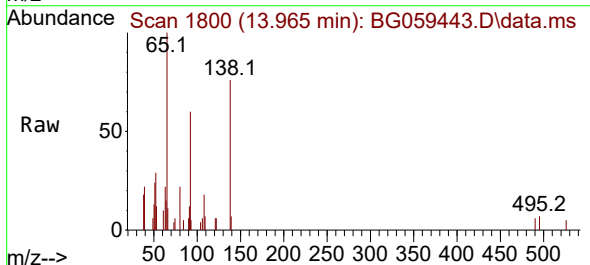
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Supervised By :mohammad
ahmed

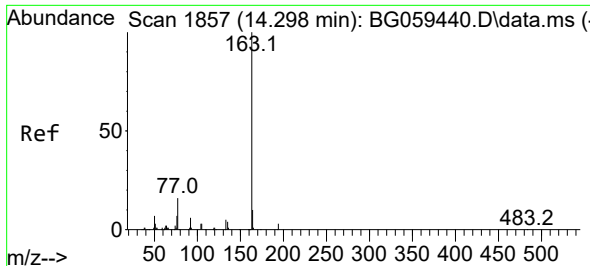
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#45
2-Nitroaniline
Concen: 3.546 ng/ul
RT: 13.965 min Scan# 1800
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Tgt Ion: 65 Resp: 5621
Ion Ratio Lower Upper
65 100
92 60.0 58.2 87.4
138 75.8 85.0 127.4





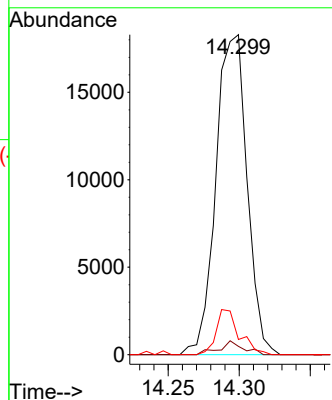
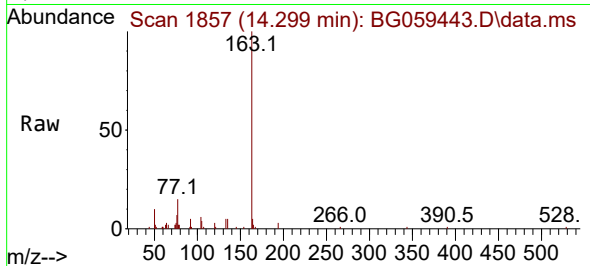
#47
Dimethylphthalate
Concen: 3.768 ng/ul
RT: 14.299 min Scan# 1857
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03

Tgt Ion:	163	Resp:	2789
Ion Ratio	Lower	Upper	
163	100		
194	2.6	2.4	3.6
164	4.8	8.2	12.4

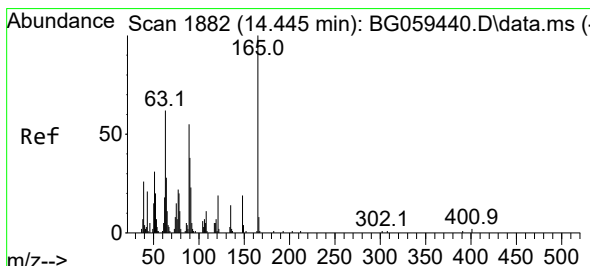
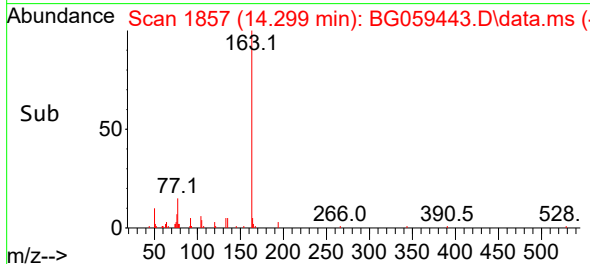
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Patel



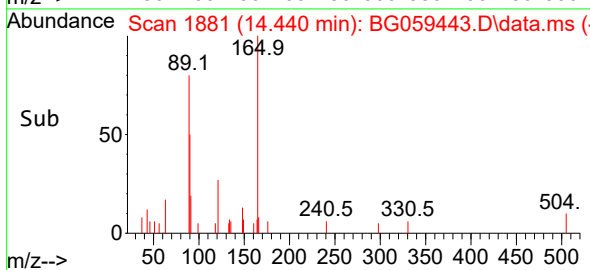
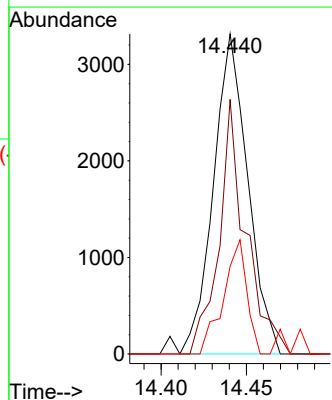
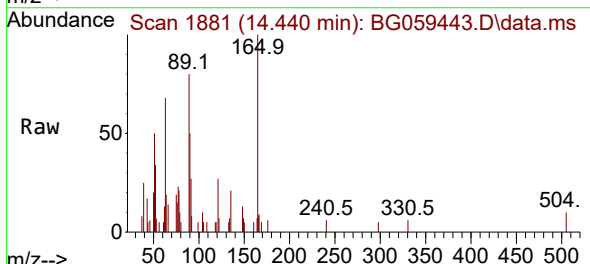
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Supervised By :mohammad
ahmed

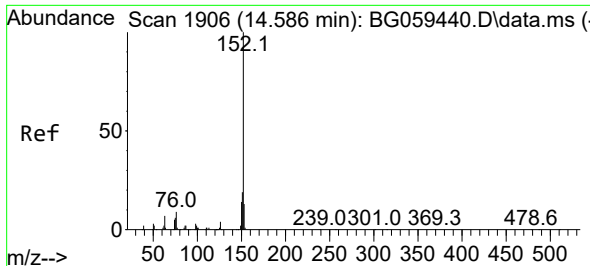
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#48
2,6-Dinitrotoluene
Concen: 3.403 ng/ul
RT: 14.440 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

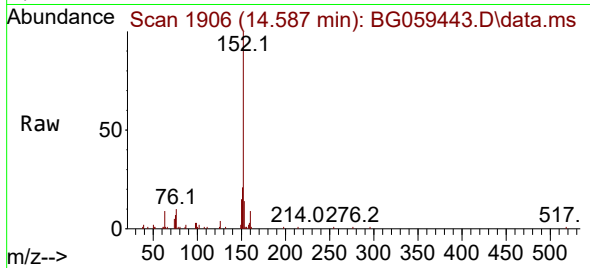
Tgt Ion:	165	Resp:	4639
Ion Ratio	Lower	Upper	
165	100		
89	79.5	46.2	69.4#
121	27.4	15.1	22.7#





#50
Acenaphthylene
Concen: 3.708 ng/ul
RT: 14.587 min Scan# 1906
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

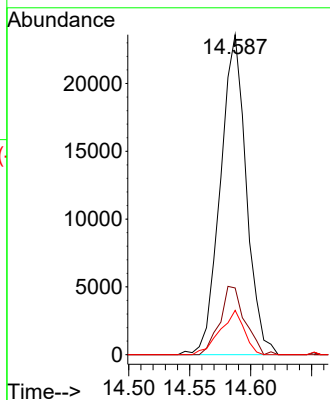
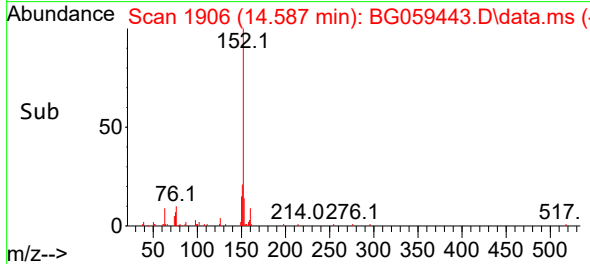
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-03



Tgt Ion:152 Resp: 3490
Ion Ratio Lower Upper
152 100
151 20.8 14.8 22.2
153 13.8 9.5 14.3

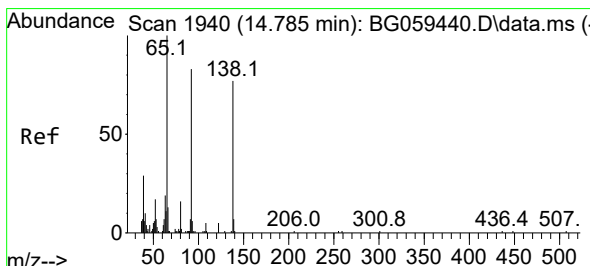
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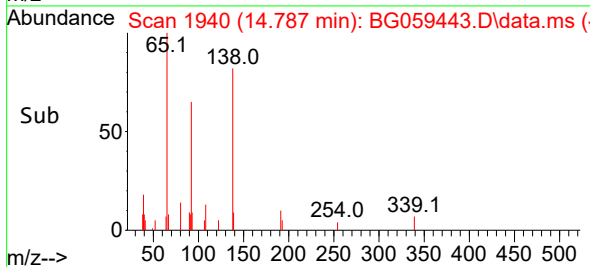
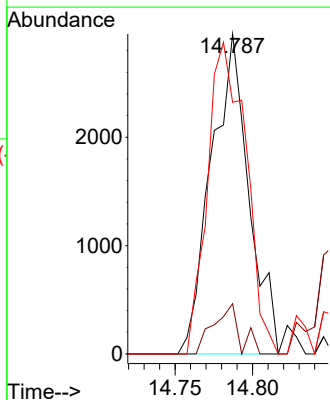
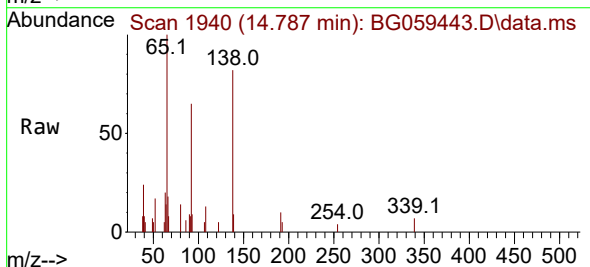
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ahmed

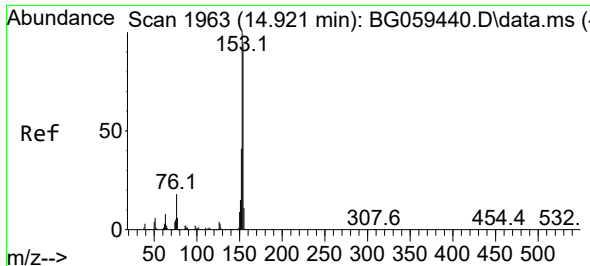
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#51
3-Nitroaniline
Concen: 3.438 ng/ul
RT: 14.787 min Scan# 1940
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Tgt Ion:138 Resp: 4968
Ion Ratio Lower Upper
138 100
108 15.7 6.5 9.7#
92 78.7 91.6 137.4#





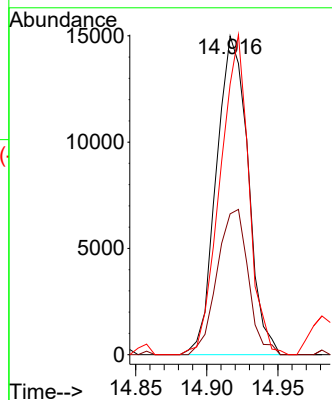
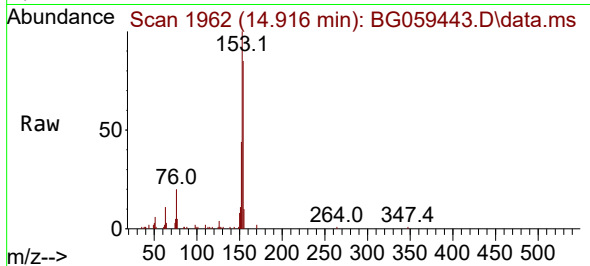
#52
Acenaphthene
Concen: 3.619 ng/ul
RT: 14.916 min Scan# 1962
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-03

Tgt Ion:153 Resp: 2331
Ion Ratio Lower Upper
153 100
152 44.2 32.1 48.1
154 84.8 75.2 112.8

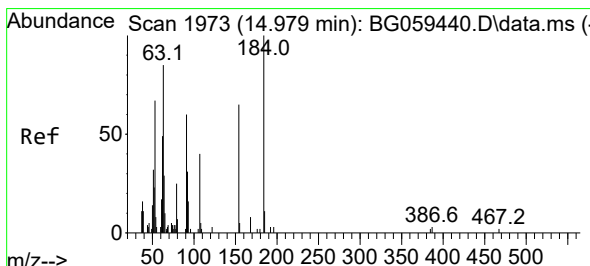
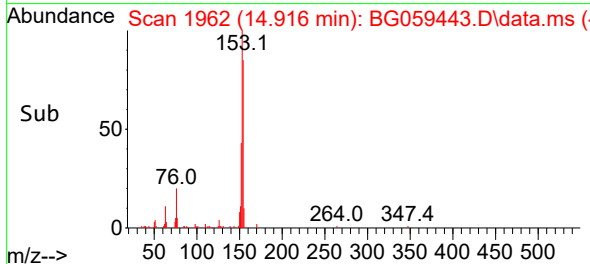
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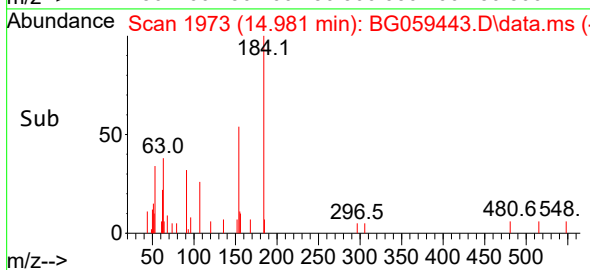
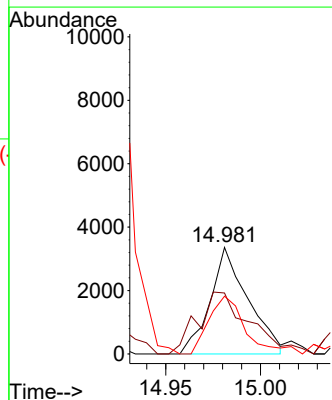
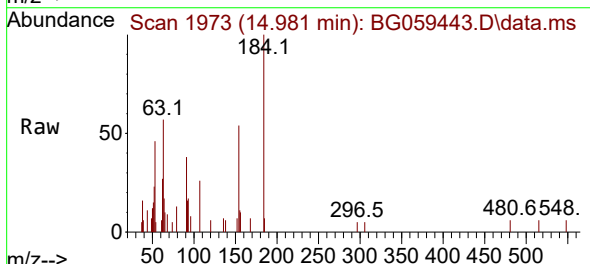
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Supervised By :mohammad
ahmed

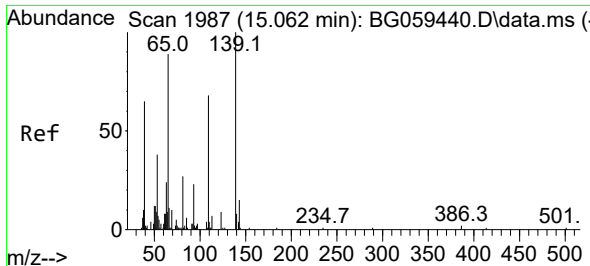
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#53
2,4-Dinitrophenol
Concen: 6.472 ng/ul
RT: 14.981 min Scan# 1973
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

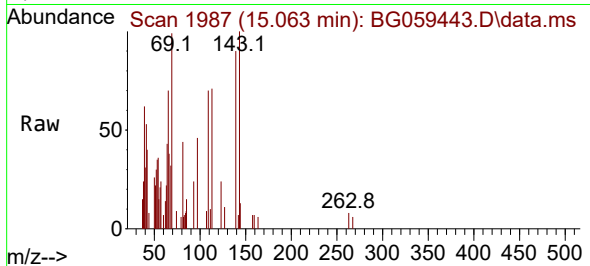
Tgt Ion:184 Resp: 4669
Ion Ratio Lower Upper
184 100
63 57.2 57.3 85.9#
154 54.2 40.6 61.0





#55
4-Nitrophenol
Concen: 3.453 ng/ul
RT: 15.063 min Scan# 1987
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

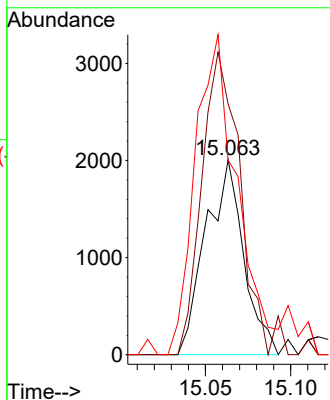
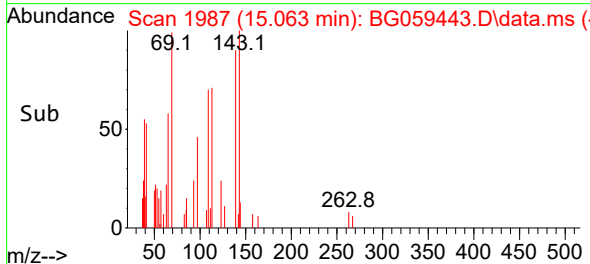
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:109 Resp: 3099
Ion Ratio Lower Upper
109 100
139 128.6 100.2 150.4
65 99.8 111.8 167.8

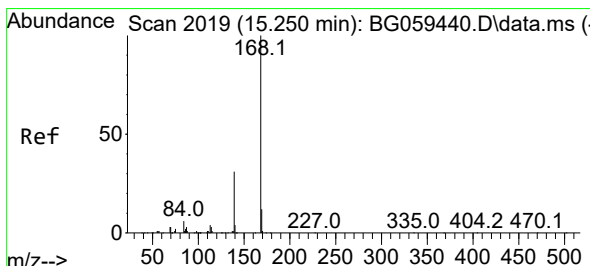
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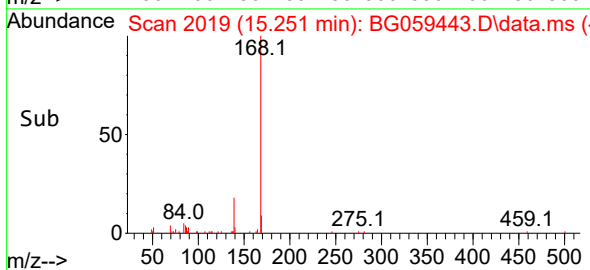
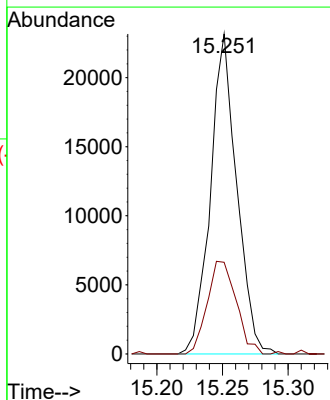
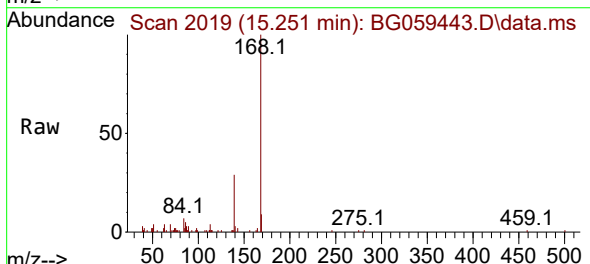
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Supervised By :mohammad
ahmed

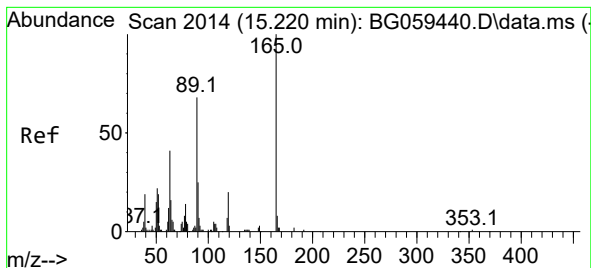
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#56
Dibenzofuran
Concen: 3.707 ng/ul
RT: 15.251 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Tgt Ion:168 Resp: 32285
Ion Ratio Lower Upper
168 100
139 28.7 25.9 38.9





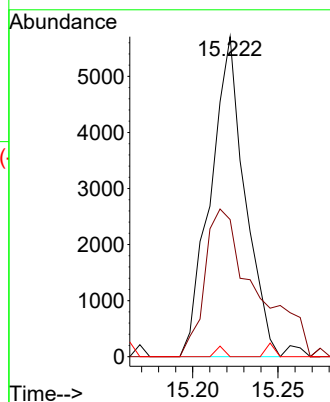
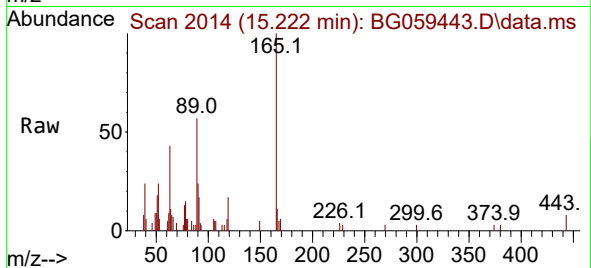
#57
2,4-Dinitrotoluene
Concen: 4.177 ng/ul
RT: 15.222 min Scan# 2014
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03

Tgt Ion:165 Resp: 801
Ion Ratio Lower Upper
165 100
63 42.8 40.8 61.2
182 0.0 1.4 2.0

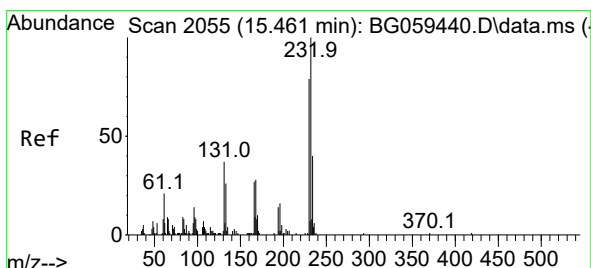
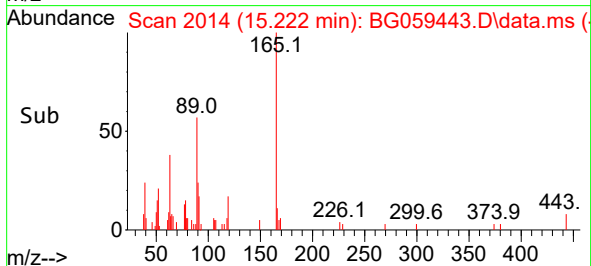
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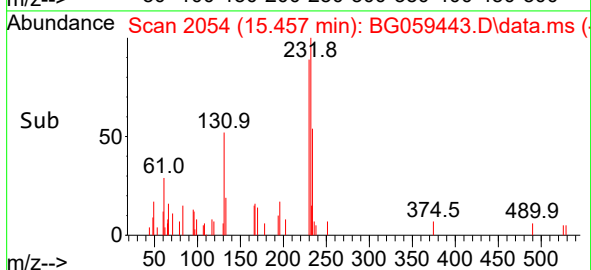
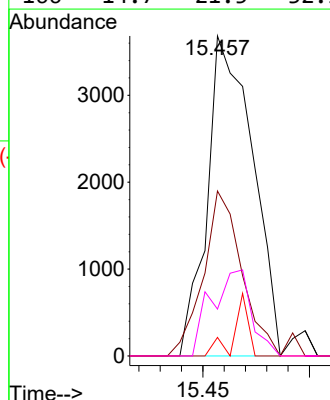
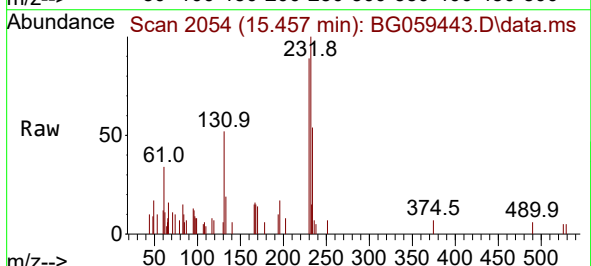
10/16/2023
Supervised By :mohammad
ahmed

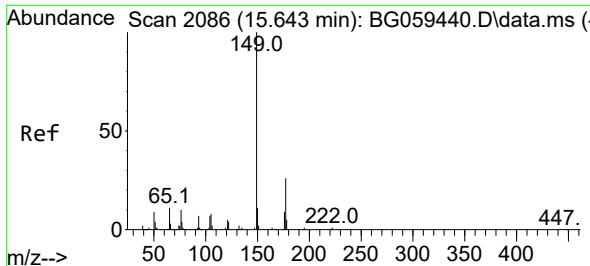
10/17/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.211 ng/ul
RT: 15.457 min Scan# 2054
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

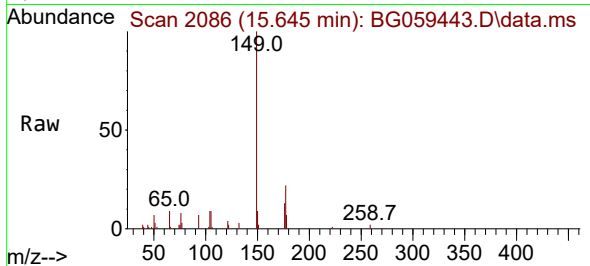
Tgt Ion:232 Resp: 5464
Ion Ratio Lower Upper
232 100
131 51.5 30.2 45.2#
130 5.8 2.0 3.0#
166 14.7 21.5 32.3#





#59
Diethylphthalate
Concen: 3.528 ng/ul
RT: 15.645 min Scan# 2086
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

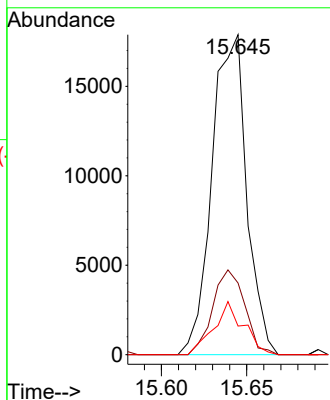
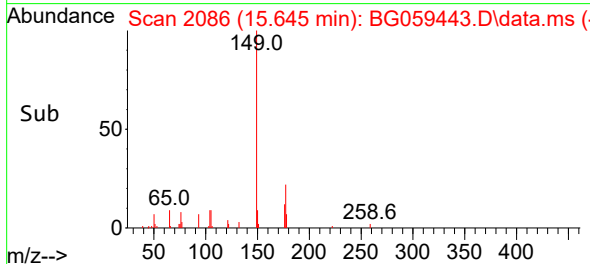
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:149 Resp: 25238
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 8.9 8.2 12.4

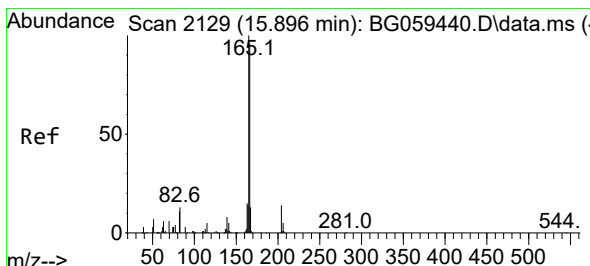
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

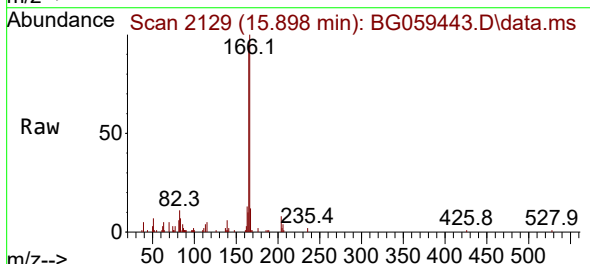


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Supervised By :mohammad
ahmed

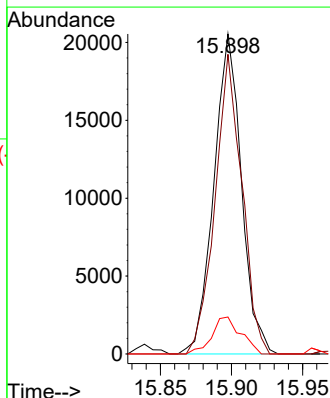
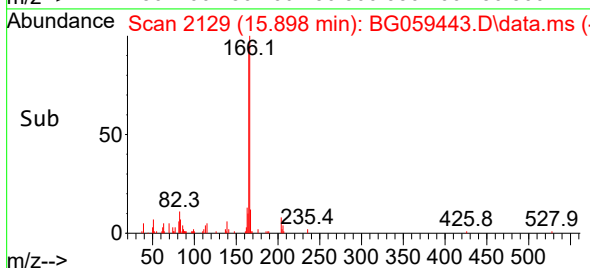
10/17/2023

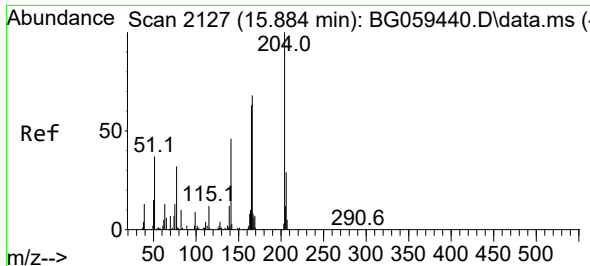


#61
Fluorene
Concen: 3.790 ng/ul
RT: 15.898 min Scan# 2129
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00



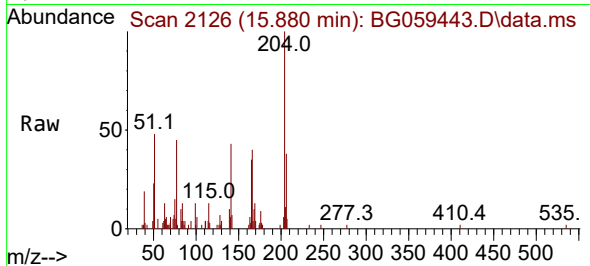
Tgt Ion:166 Resp: 27693
Ion Ratio Lower Upper
166 100
165 93.7 75.6 113.4
167 11.5 9.9 14.9





#62
4-Chlorophenyl-phenylether
Concen: 3.857 ng/ul
RT: 15.880 min Scan# 2127
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

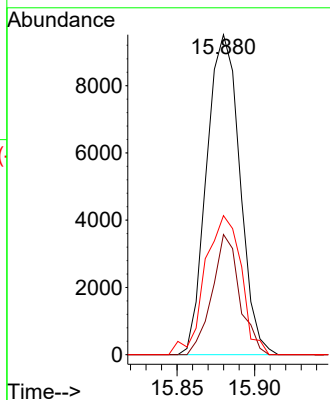
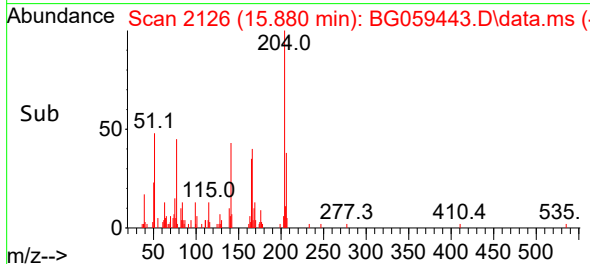
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-03



Tgt Ion:204 Resp: 14140
Ion Ratio Lower Upper
204 100
206 37.5 25.8 38.8
141 43.5 42.3 63.5

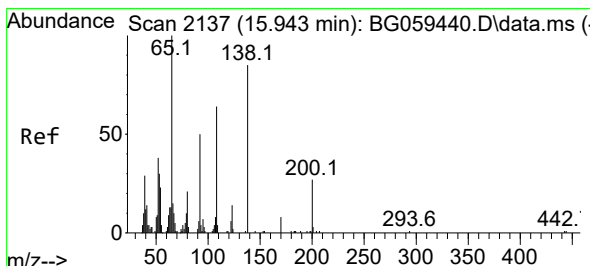
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

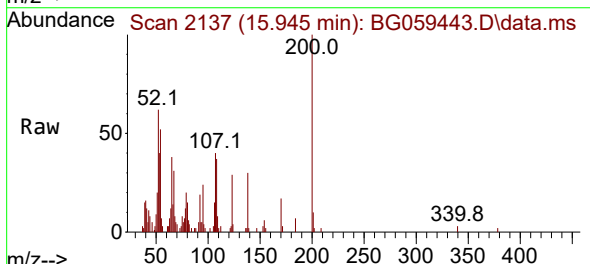


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Supervised By :mohammad
ahmed

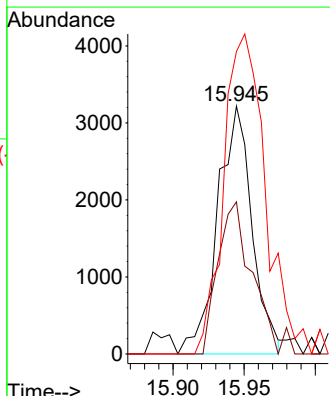
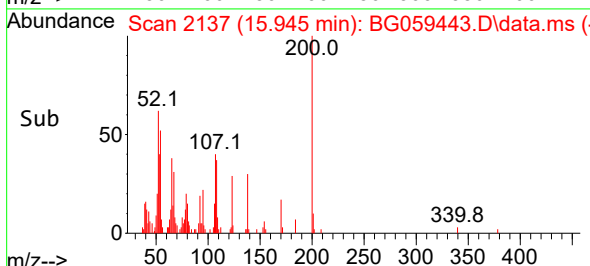
10/17/2023

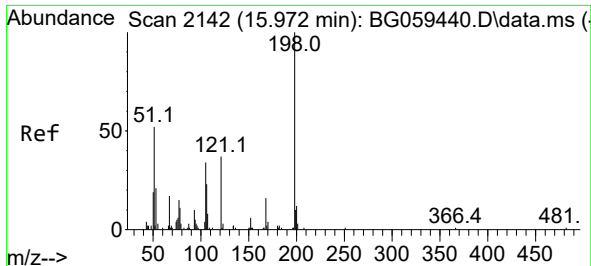


#63
4-Nitroaniline
Concen: 3.866 ng/ul
RT: 15.945 min Scan# 2137
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00



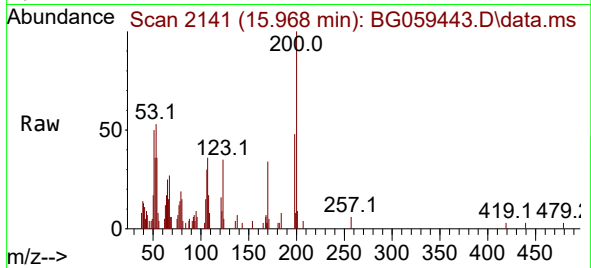
Tgt Ion:138 Resp: 5409
Ion Ratio Lower Upper
138 100
92 61.4 43.3 64.9
108 122.0 67.9 101.9#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.311 ng/ul
RT: 15.968 min Scan# 2142
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

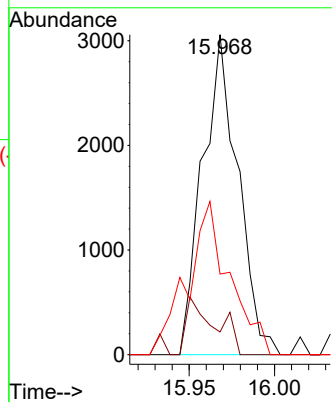
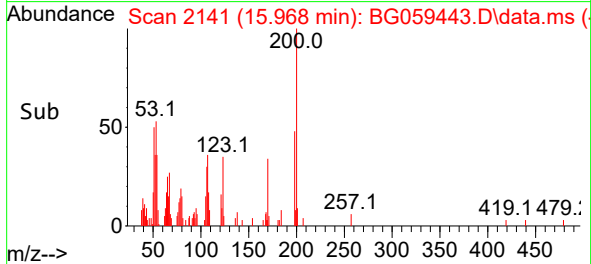
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:198 Resp: 4418
Ion Ratio Lower Upper
198 100
182 7.1 4.7 7.1
77 25.2 17.7 26.5

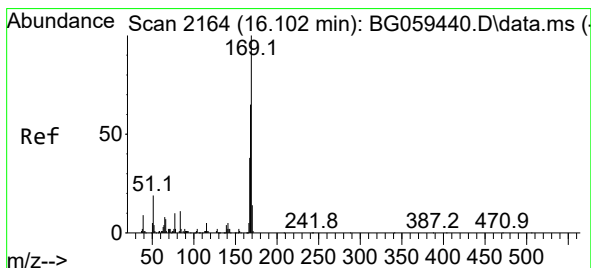
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



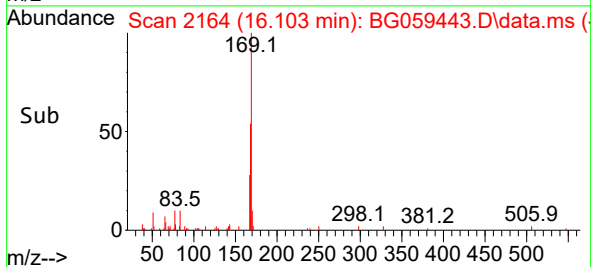
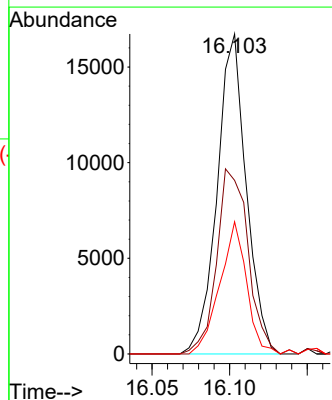
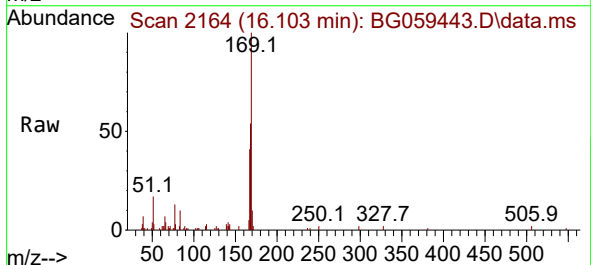
10/16/2023
Supervised By :mohammad
ahmed

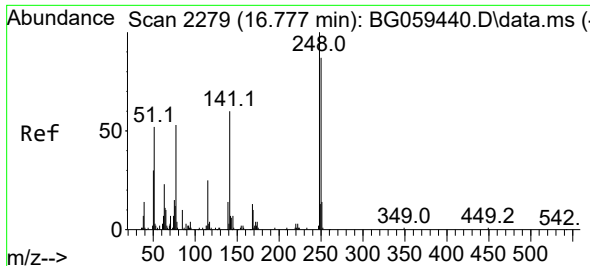
10/17/2023



#67
N-Nitrosodiphenylamine
Concen: 3.664 ng/ul
RT: 16.103 min Scan# 2164
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

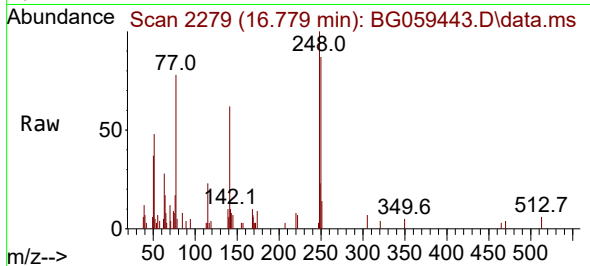
Tgt Ion:169 Resp: 21870
Ion Ratio Lower Upper
169 100
168 54.2 55.8 83.8#
167 41.3 28.2 42.2





#68
4-Bromophenyl-phenylether
Concen: 3.626 ng/ul
RT: 16.779 min Scan# 2279
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

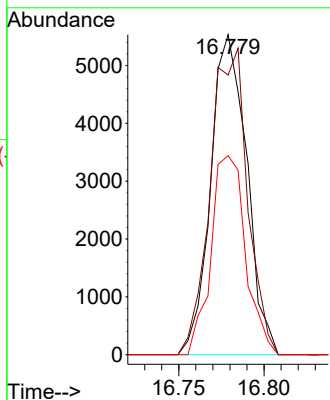
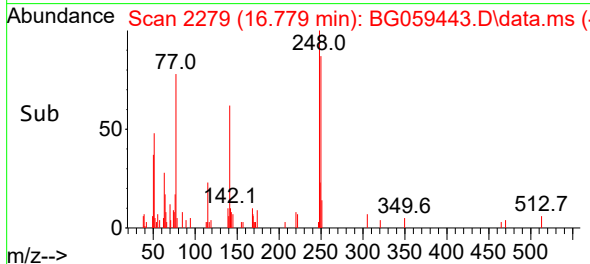
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:248 Resp: 8110
Ion Ratio Lower Upper
248 100
250 87.4 74.6 111.8
141 62.2 44.3 66.5

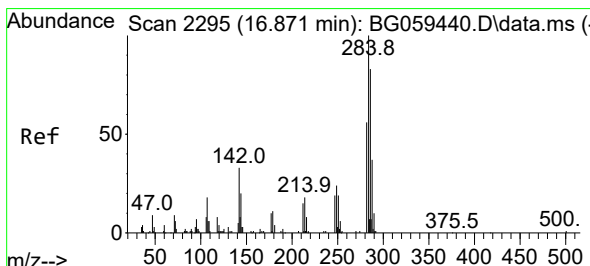
Manual Integrations
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Reviewed By :Yogesh
Patel



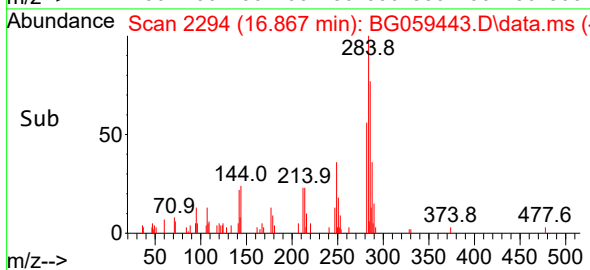
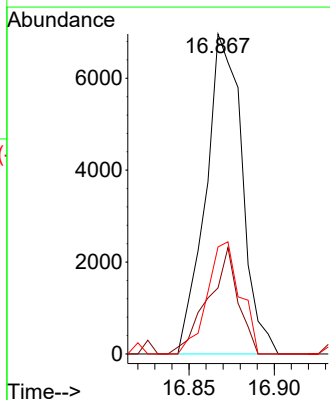
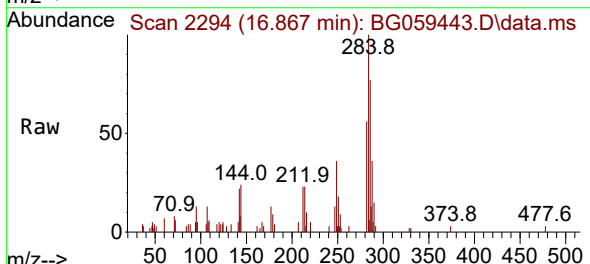
10/16/2023
Supervised By :mohammad
ahmed

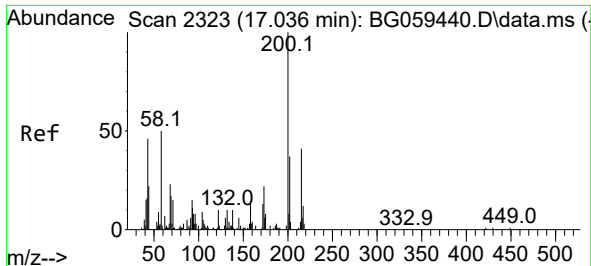
10/17/2023



#69
Hexachlorobenzene
Concen: 4.022 ng/ul
RT: 16.867 min Scan# 2294
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

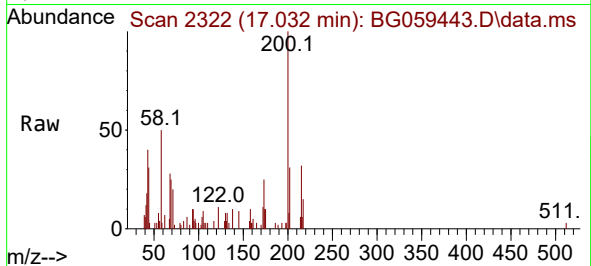
Tgt Ion:284 Resp: 10320
Ion Ratio Lower Upper
284 100
142 20.6 22.1 33.1#
249 33.4 23.1 34.7





#70
Atrazine
Concen: 4.409 ng/ul
RT: 17.032 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

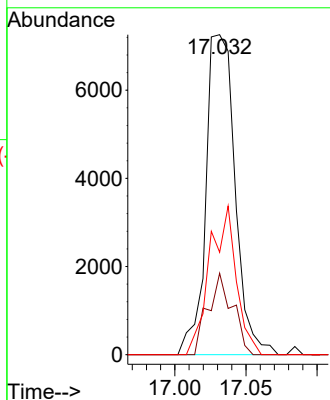
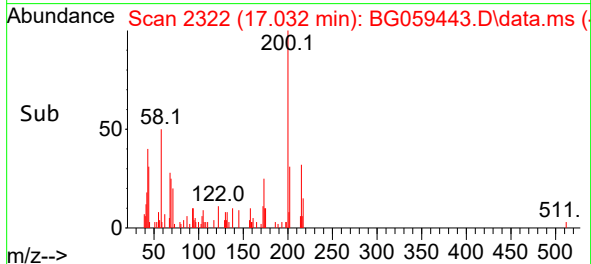
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:200 Resp: 10385
Ion Ratio Lower Upper
200 100
173 25.5 22.3 33.5
215 32.0 37.0 55.4

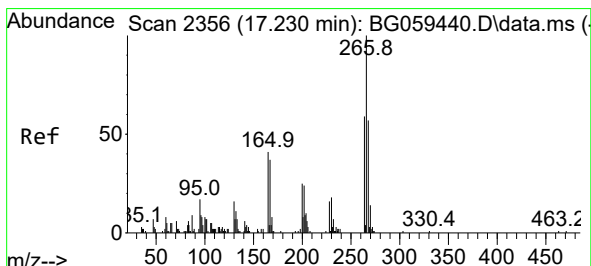
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



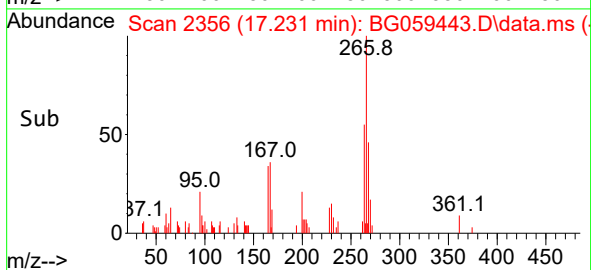
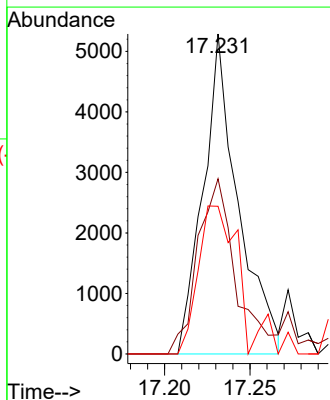
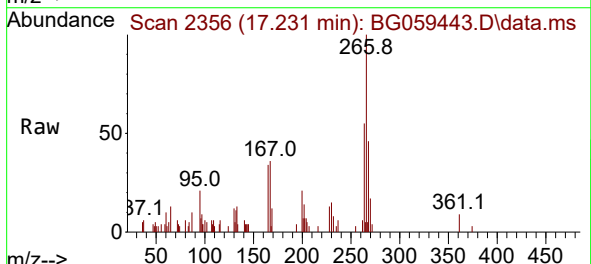
10/16/2023
Supervised By :mohammad
ahmed

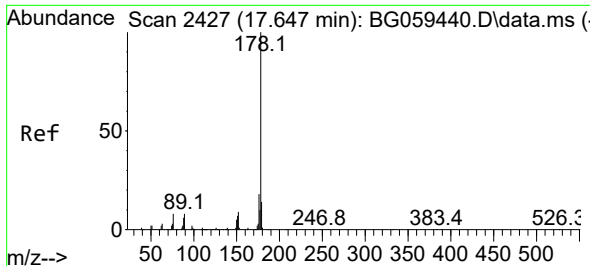
10/17/2023



#71
Pentachlorophenol
Concen: 5.184 ng/ul
RT: 17.231 min Scan# 2356
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

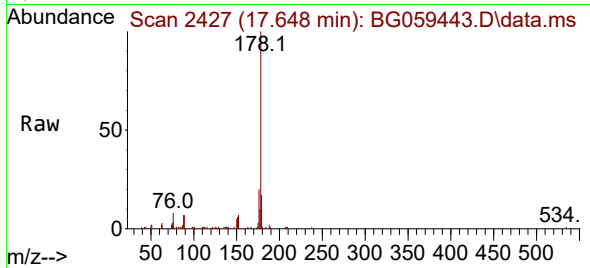
Tgt Ion:266 Resp: 7539
Ion Ratio Lower Upper
266 100
264 54.7 47.9 71.9
268 46.1 50.0 75.0#





#72
Phenanthrene
Concen: 3.755 ng/ul
RT: 17.648 min Scan# 2427
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

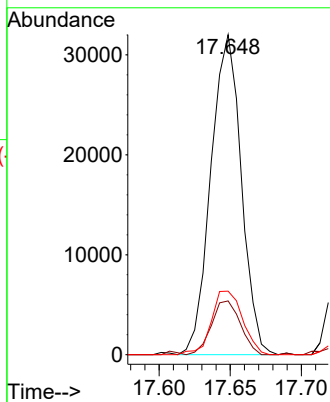
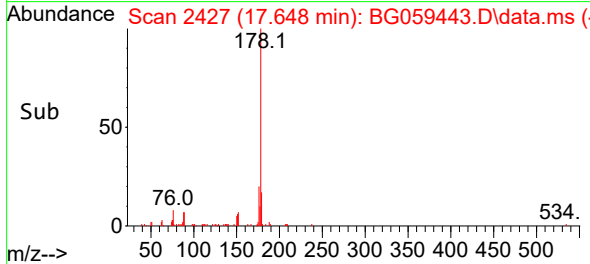
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:178 Resp: 47674
Ion Ratio Lower Upper
178 100
179 16.8 11.0 16.4
176 19.8 15.1 22.7

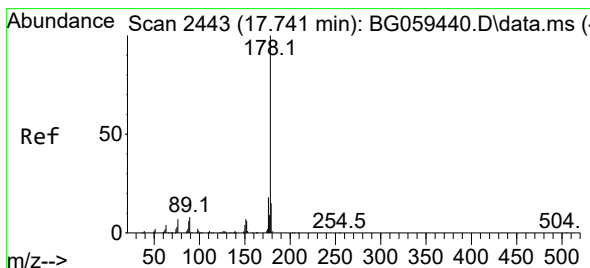
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



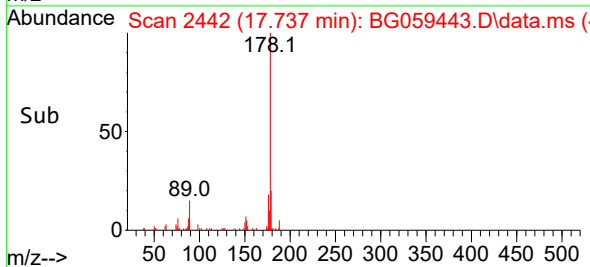
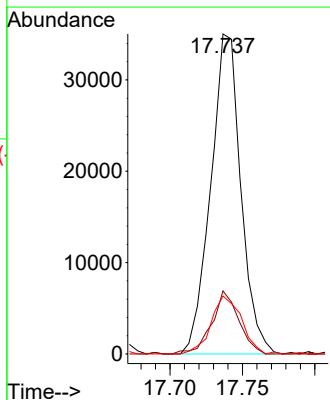
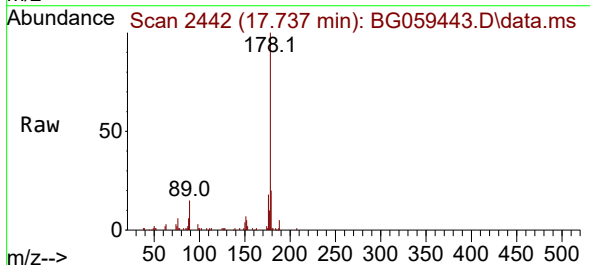
10/16/2023
Supervised By :mohammad
ahmed

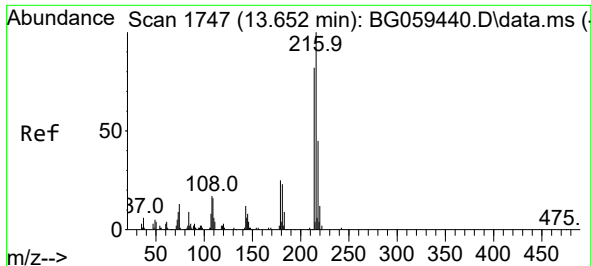
10/17/2023



#74
Anthracene
Concen: 3.881 ng/ul m
RT: 17.737 min Scan# 2442
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

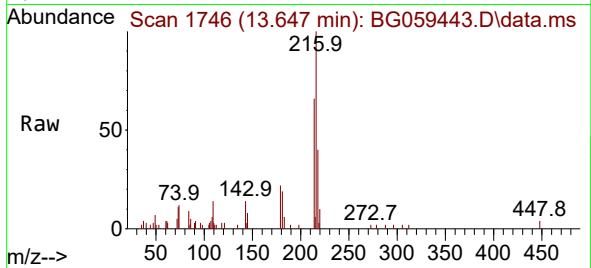
Tgt Ion:178 Resp: 50797
Ion Ratio Lower Upper
178 100
179 19.7 12.2 18.2
176 18.1 15.0 22.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.615 ng/uL
RT: 13.647 min Scan# 1746
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

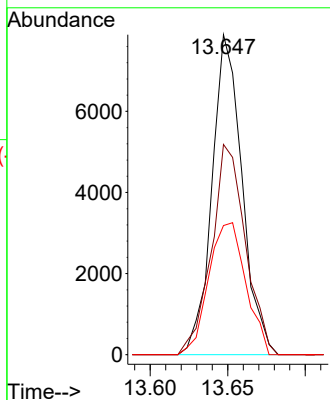
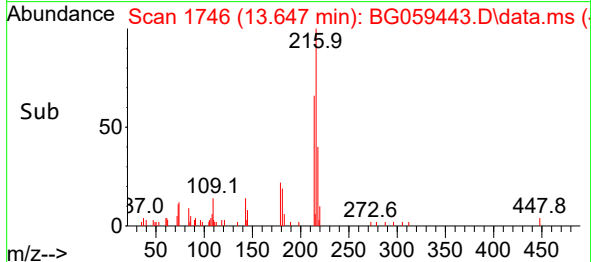
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:216 Resp: 1063
Ion Ratio Lower Upper
216 100
214 65.7 62.1 93.1
218 40.4 37.4 56.0

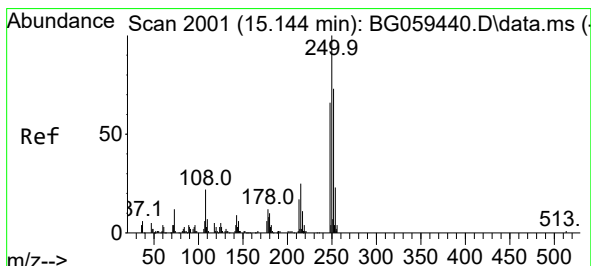
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



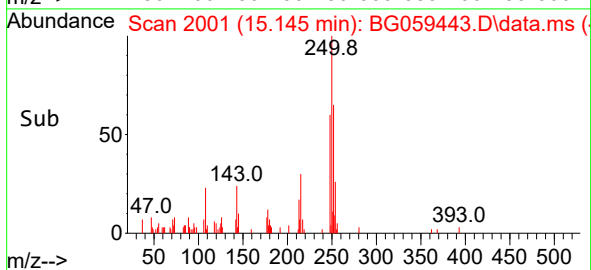
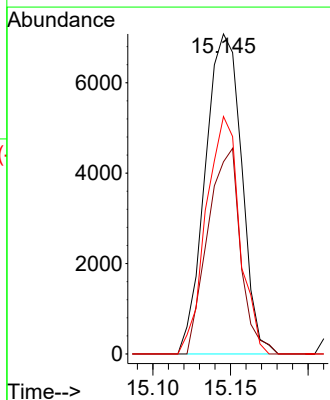
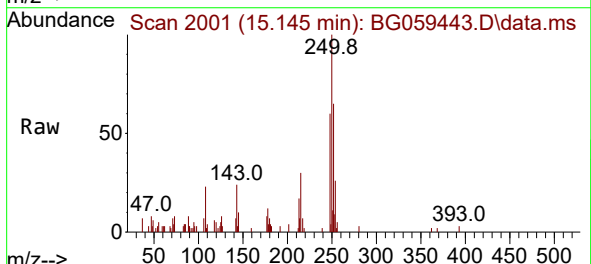
10/16/2023
Supervised By :mohammad
ahmed

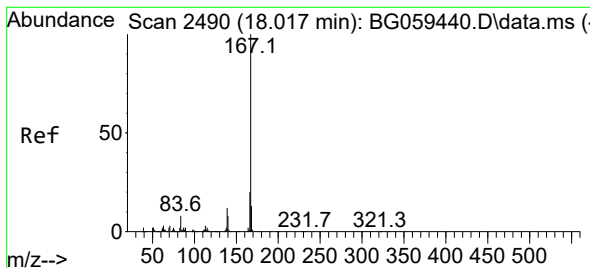
10/17/2023



#76
Pentachlorobenzene
Concen: 4.055 ng/uL
RT: 15.145 min Scan# 2001
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

Tgt Ion:250 Resp: 11539
Ion Ratio Lower Upper
250 100
248 63.8 50.6 75.8
252 74.2 56.4 84.6





#77

Carbazole

Concen: 3.637 ng/ul

RT: 18.019 min Scan# 2490

Delta R.T. 0.004 min

Lab File: BG059443.D

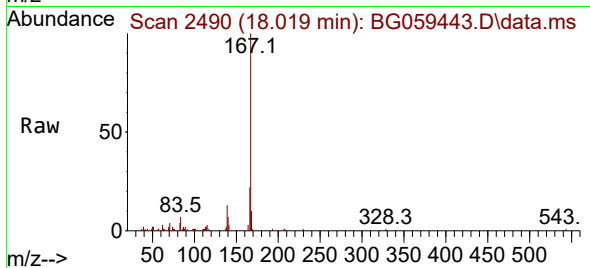
Acq: 13 Oct 2023 15:00

Instrument :

BNA_G

ClientSampleId :

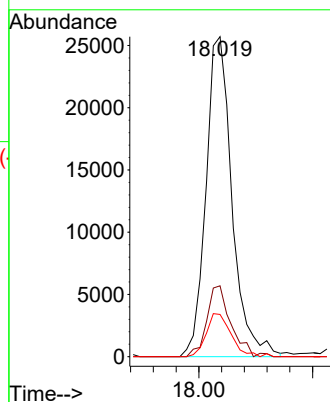
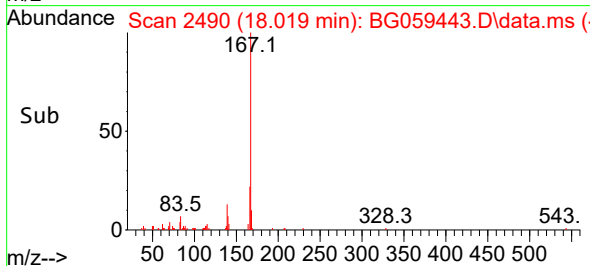
MDL-SOIL-QT2-2023-03



Tgt Ion:167	Resp: 4096
Ion Ratio	Lower Upper
167 100	
166 22.2	17.4 26.0
139 13.2	9.0 13.6

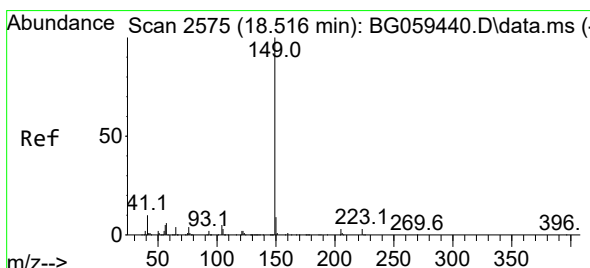
Manual Integrations
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Patel



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ahmed

10/17/2023



#78

Di-n-butylphthalate

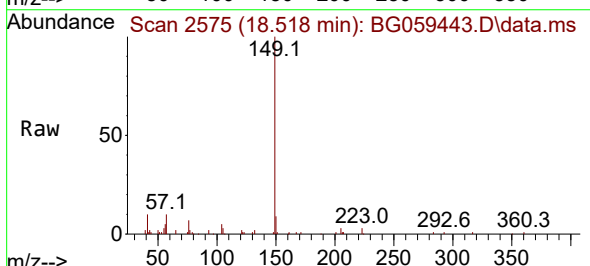
Concen: 3.585 ng/ul

RT: 18.518 min Scan# 2575

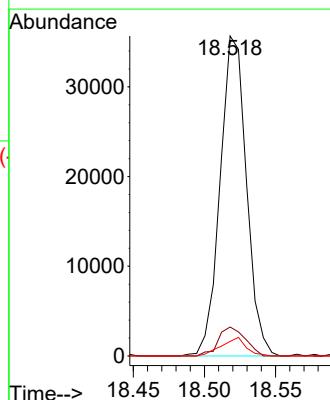
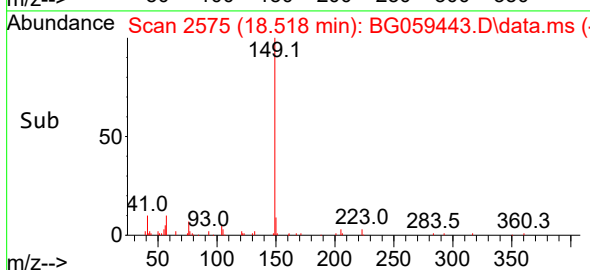
Delta R.T. -0.002 min

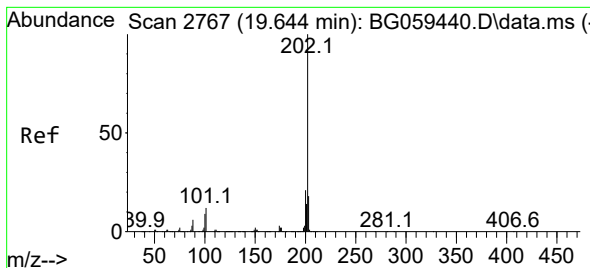
Lab File: BG059443.D

Acq: 13 Oct 2023 15:00



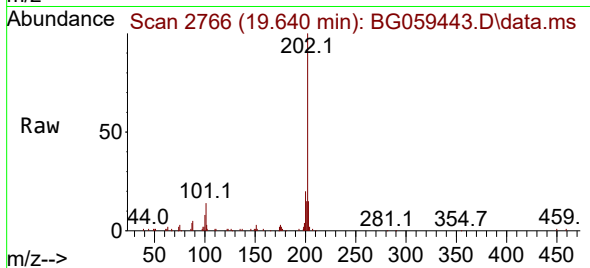
Tgt Ion:149	Resp: 45959
Ion Ratio	Lower Upper
149 100	
150 9.1	7.4 11.2
104 4.5	3.7 5.5





#80
Fluoranthene
Concen: 3.328 ng/ul
RT: 19.640 min Scan# 2767
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

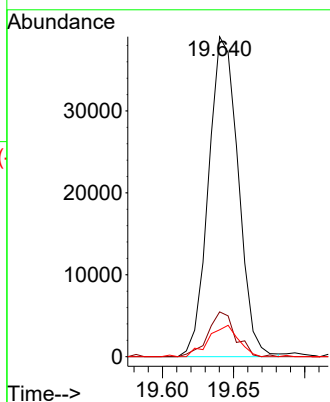
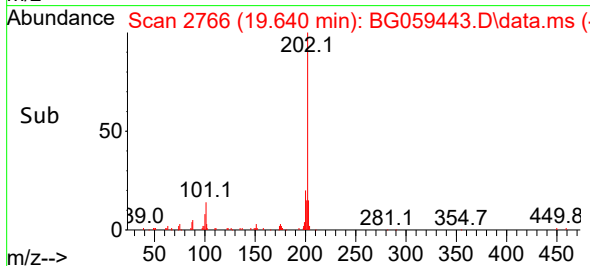
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:202 Resp: 5671
Ion Ratio Lower Upper
202 100
101 17.4 8.9 13.3
100 8.4 8.3 12.5

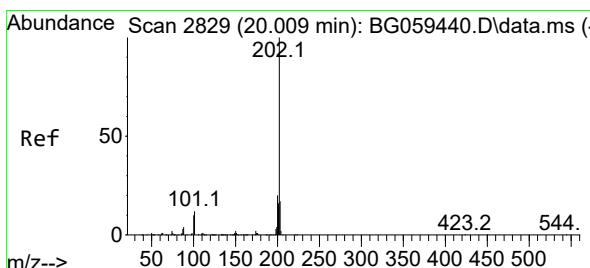
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

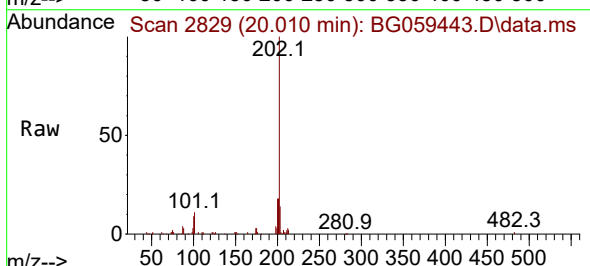


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Supervised By :mohammad
ahmed

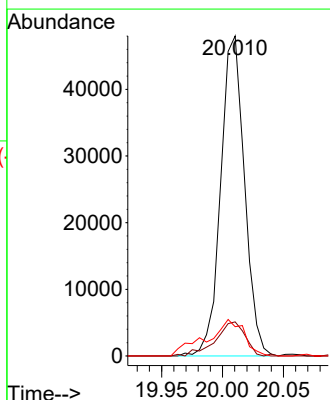
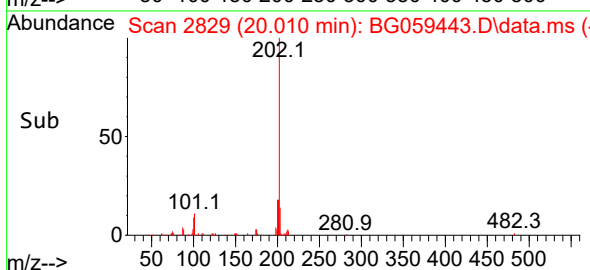
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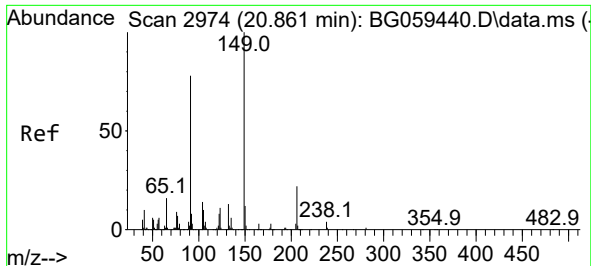


#82
Pyrene
Concen: 3.612 ng/ul
RT: 20.010 min Scan# 2829
Delta R.T. 0.004 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00



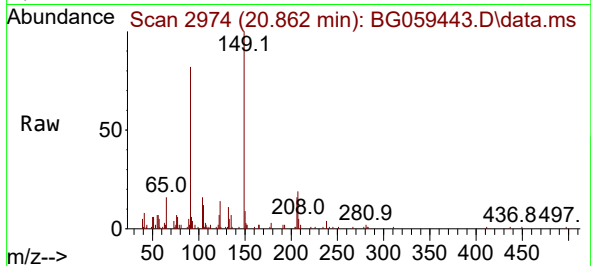
Tgt Ion:202 Resp: 65432
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 9.2 9.8 14.8#





#83
Butylbenzylphthalate
Concen: 3.369 ng/ul
RT: 20.862 min Scan# 2974
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

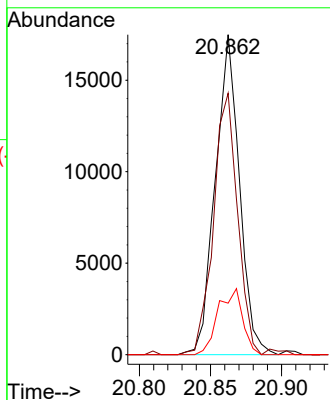
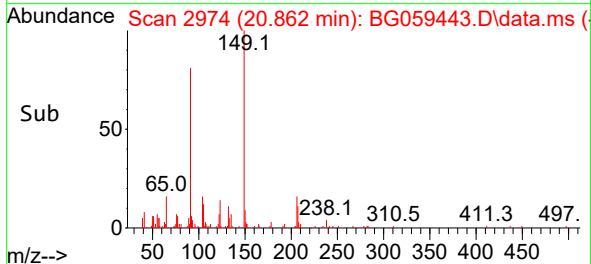
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-03



Tgt Ion:149 Resp: 20608
Ion Ratio Lower Upper
149 100
91 81.7 66.4 99.6
206 16.1 17.4 26.0

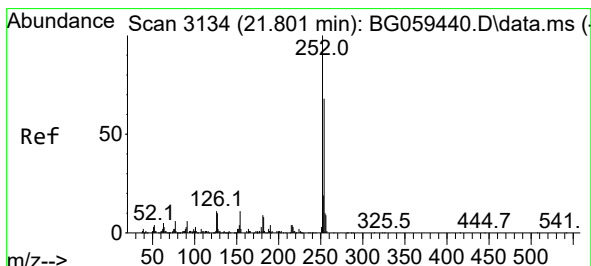
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

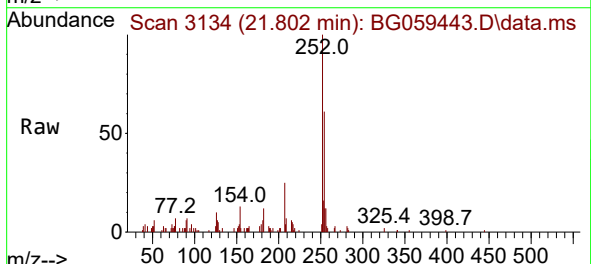


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Supervised By :mohammad
ahmed

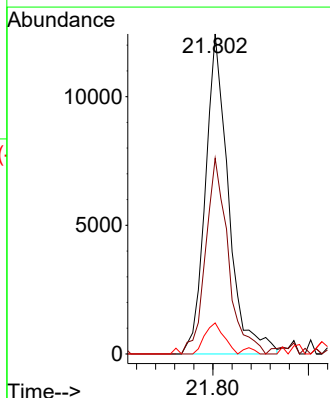
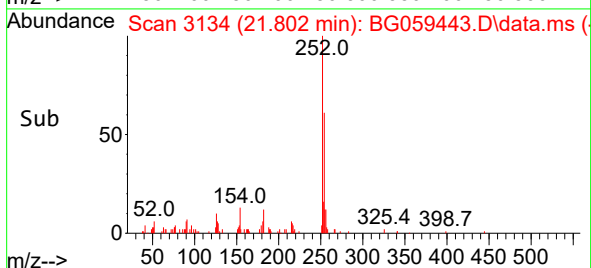
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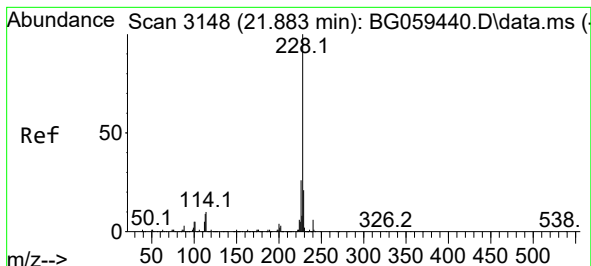


#84
3,3'-Dichlorobenzidine
Concen: 3.477 ng/ul m
RT: 21.802 min Scan# 3134
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00



Tgt Ion:252 Resp: 20824
Ion Ratio Lower Upper
252 100
254 61.1 53.8 80.6
126 9.7 8.6 12.8





#85

Benzo(a)anthracene

Concen: 3.534 ng/ul

RT: 21.885 min Scan# 3148

Delta R.T. -0.002 min

Lab File: BG059443.D

Acq: 13 Oct 2023 15:00

Instrument :

BNA_G

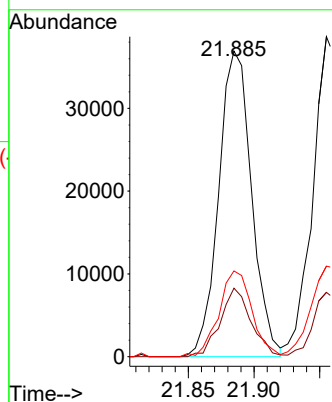
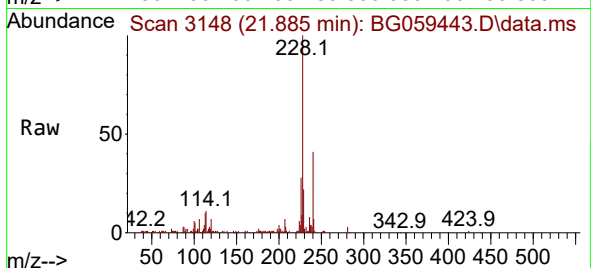
ClientSampleId :

MDL-SOIL-QT2-2023-03

Tgt Ion:228	Resp: 64410
Ion Ratio	Lower Upper
228 100	
229 22.4	15.0 22.4
226 28.1	20.8 31.2

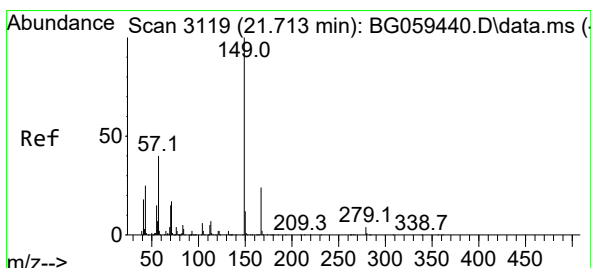
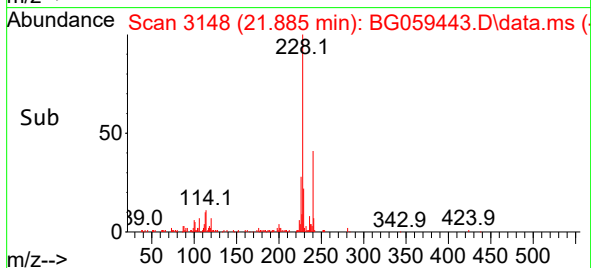
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.543 ng/ul

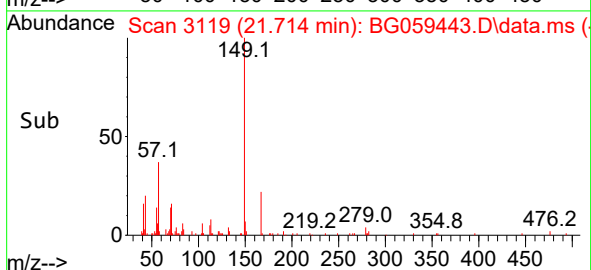
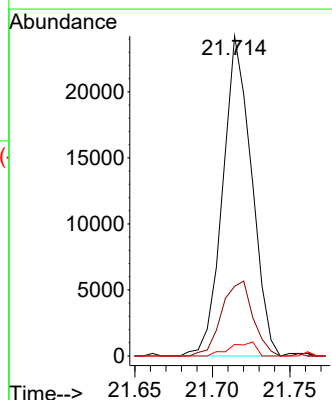
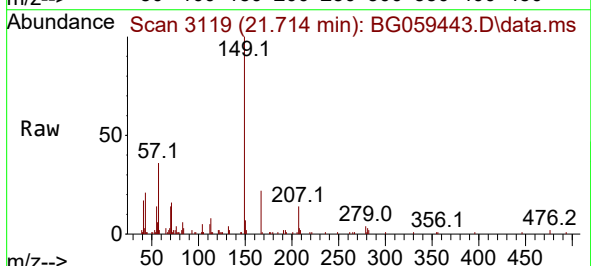
RT: 21.714 min Scan# 3119

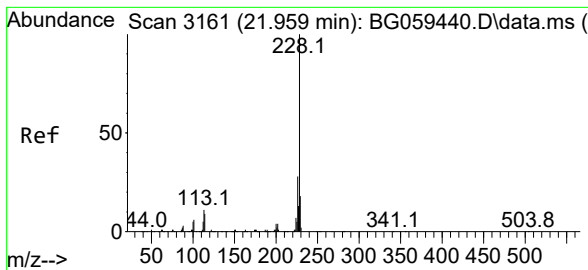
Delta R.T. -0.002 min

Lab File: BG059443.D

Acq: 13 Oct 2023 15:00

Tgt Ion:149	Resp: 31261
Ion Ratio	Lower Upper
149 100	
167 21.8	20.8 31.2
279 3.6	2.7 4.1





#87

Chrysene

Concen: 3.663 ng/ul

RT: 21.955 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG059443.D

Acq: 13 Oct 2023 15:00

Instrument :

BNA_G

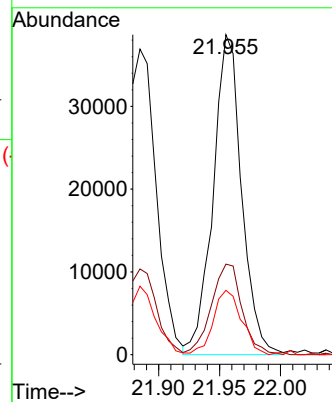
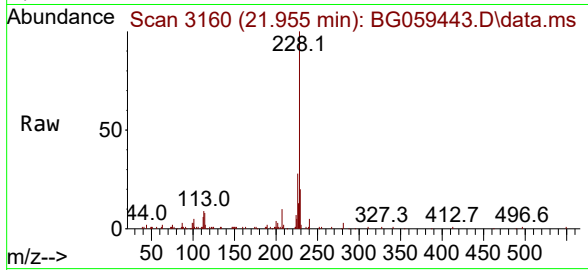
ClientSampleId :

MDL-SOIL-QT2-2023-03

Tgt Ion:	228	Resp:	6290
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.0	34.6
229	20.1	16.0	24.0

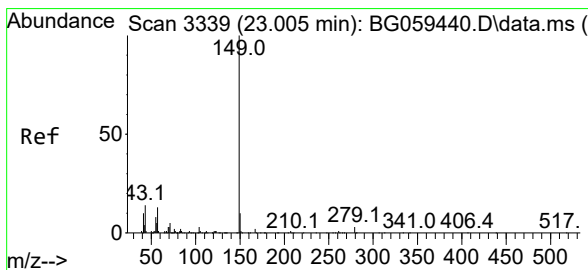
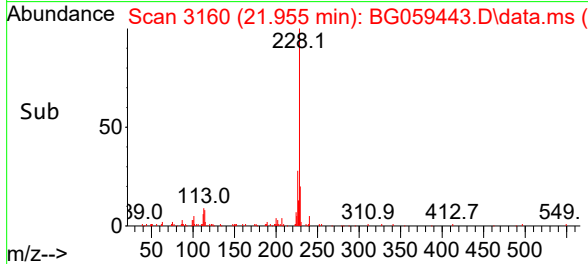
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#89

Di-n-octyl phthalate

Concen: 3.281 ng/ul

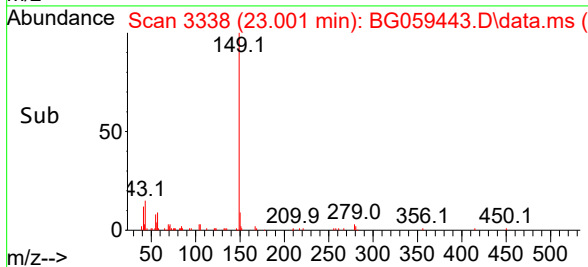
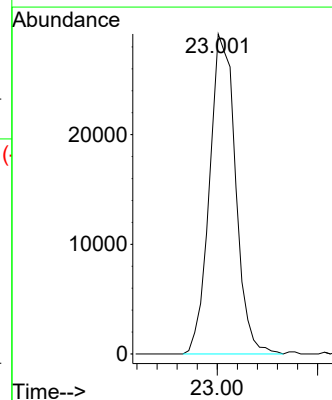
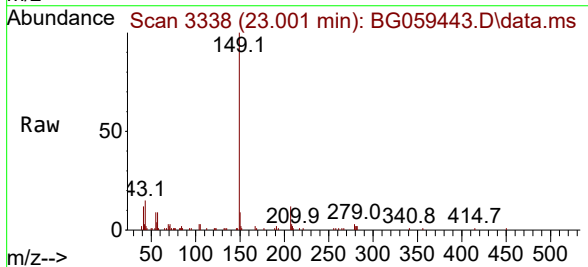
RT: 23.001 min Scan# 3338

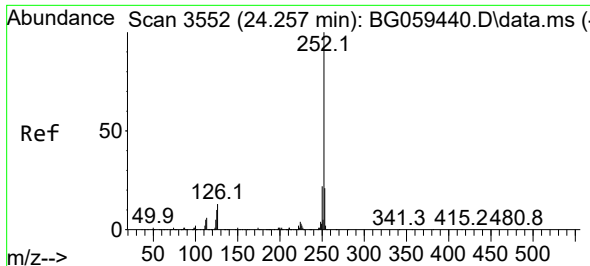
Delta R.T. -0.002 min

Lab File: BG059443.D

Acq: 13 Oct 2023 15:00

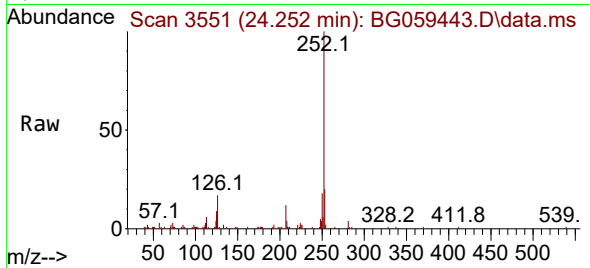
Tgt Ion:149 Resp: 52430





#90
Benzo(b)fluoranthene
Concen: 3.575 ng/ul
RT: 24.252 min Scan# 3552
Delta R.T. -0.008 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

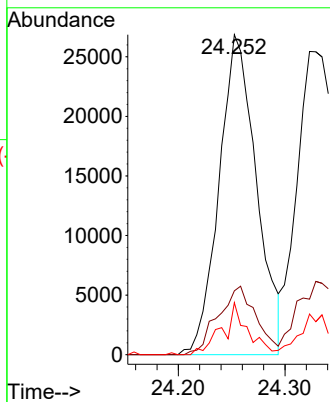
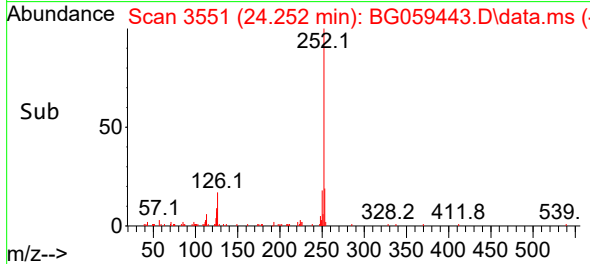
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:252 Resp: 65572
Ion Ratio Lower Upper
252 100
253 20.0 16.8 25.2
125 16.3 6.9 10.3

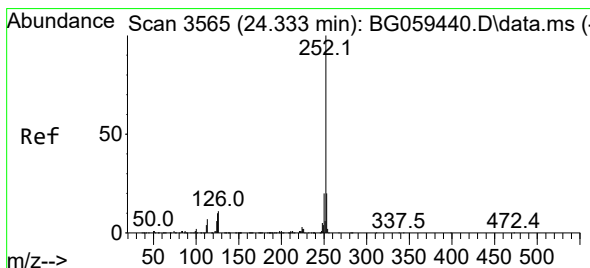
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



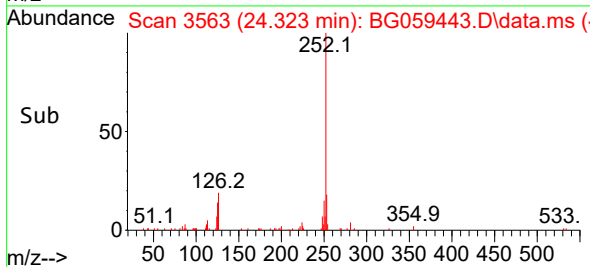
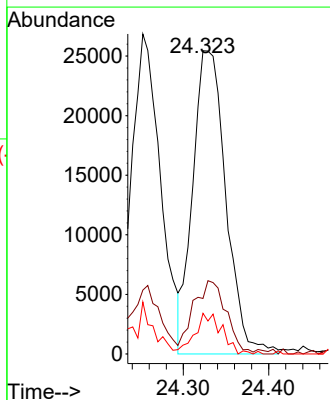
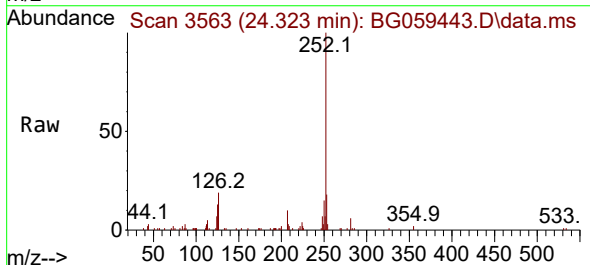
10/16/2023
Supervised By :mohammad
ahmed

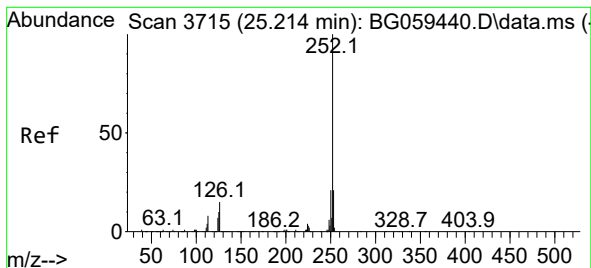
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#91
Benzo(k)fluoranthene
Concen: 3.658 ng/ul
RT: 24.323 min Scan# 3563
Delta R.T. -0.008 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

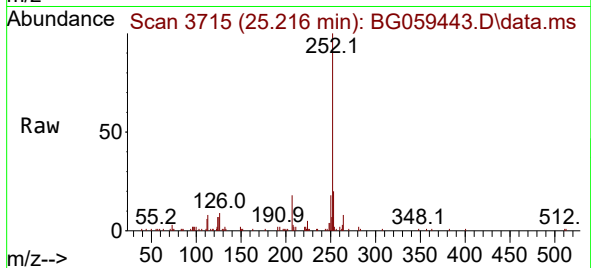
Tgt Ion:252 Resp: 68781
Ion Ratio Lower Upper
252 100
253 18.3 17.4 26.0
125 13.4 6.9 10.3





#93
Benzo(a)pyrene
Concen: 3.897 ng/ul
RT: 25.216 min Scan# 3715
Delta R.T. -0.002 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

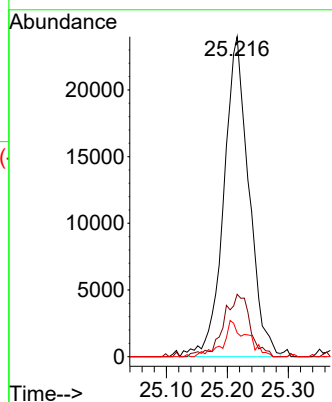
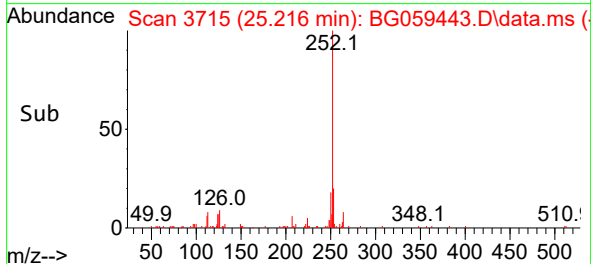
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-03



Tgt Ion:252 Resp: 68534
Ion Ratio Lower Upper
252 100
253 19.5 17.7 26.5
125 7.5 8.6 12.8

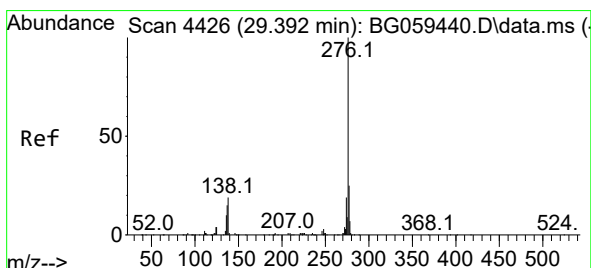
Manual Integrations
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Reviewed By :Yogesh
Patel

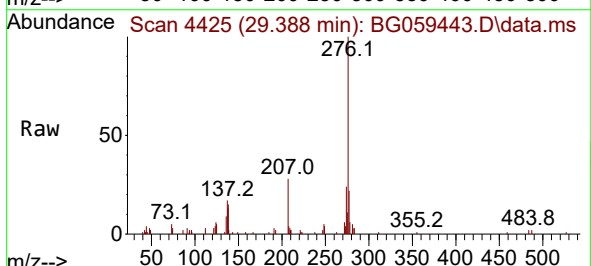


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Supervised By :mohammad
ahmed

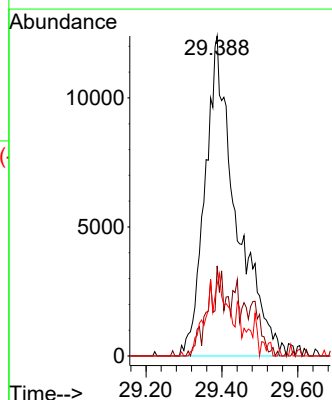
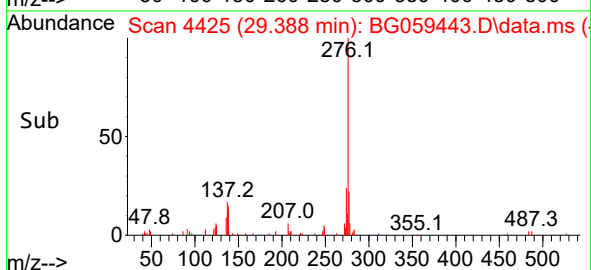
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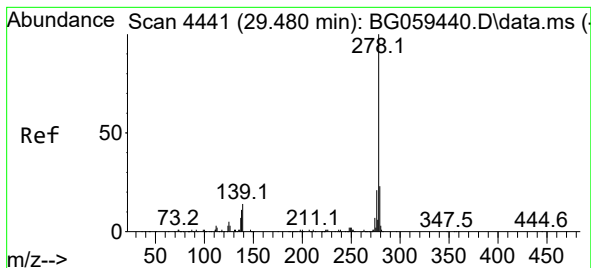


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.555 ng/ul m
RT: 29.388 min Scan# 4425
Delta R.T. -0.020 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00



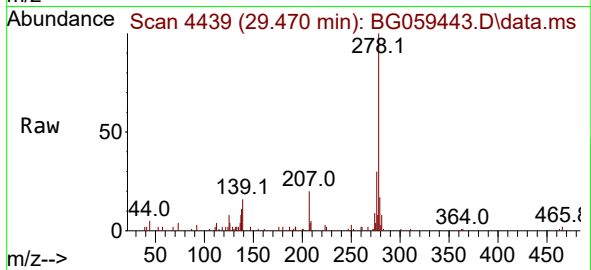
Tgt Ion:276 Resp: 70309
Ion Ratio Lower Upper
276 100
138 15.3 13.4 20.2
277 22.3 18.7 28.1





#95
Dibenzo(a,h)anthracene
Concen: 3.612 ng/ul m
RT: 29.470 min Scan# 4441
Delta R.T. -0.008 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00

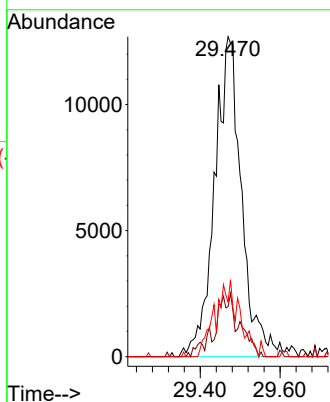
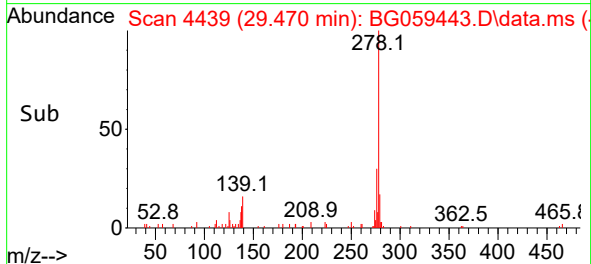
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-03



Tgt Ion:278 Resp: 5903
Ion Ratio Lower Upper
278 100
139 15.6 12.1 18.1
279 17.1 20.4 30.6

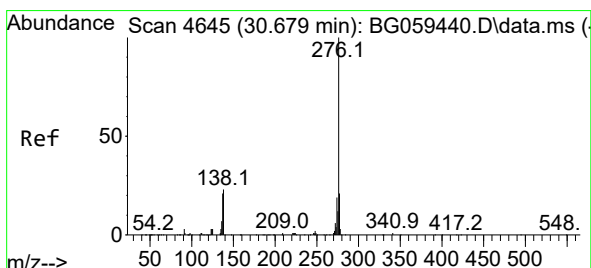
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

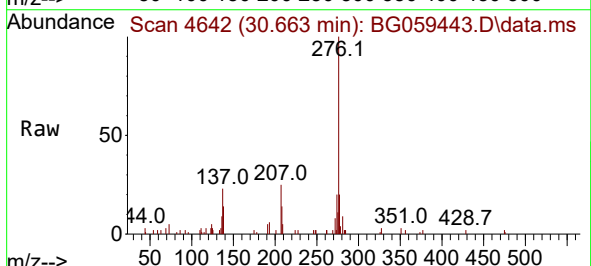


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Supervised By :mohammad
ahmed

10/17/2023



#96
Benzo(g,h,i)perylene
Concen: 3.488 ng/ul m
RT: 30.663 min Scan# 4642
Delta R.T. -0.020 min
Lab File: BG059443.D
Acq: 13 Oct 2023 15:00



Tgt Ion:276 Resp: 56021
Ion Ratio Lower Upper
276 100
138 13.8 16.5 24.7#
277 20.5 12.9 19.3#

