

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
 Data File : BG059452.D
 Acq On : 16 Oct 2023 11:30
 Operator : MA/JU
 Sample : 02215-04
 Misc : SFAM-MD-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT2-2023-04

Quant Time: Oct 17 03:41:55 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 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	33884	20.000	ng/ul	0.00
20) Naphthalene-d8	11.058	136	155862	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.853	164	99377	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.603	188	236441	20.000	ng/ul	0.00
79) Chrysene-d12	21.910	240	248282	20.000	ng/ul	0.00
88) Perylene-d12	25.388	264	285422	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.508	96	6239	5.774	ng/uL	0.00
4) Pyridine-d5	3.948	84	68650	23.214	ng/ul	0.00
7) Phenol-d5	7.339	99	81882	22.071	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	48761	23.061	ng/ul	0.00
11) 2-Chlorophenol-d4	7.738	132	58893	22.309	ng/ul	0.00
15) 4-Methylphenol-d8	8.907	113	60157	21.266	ng/ul	0.00
21) Nitrobenzene-d5	9.418	128	30605	23.777	ng/ul	0.00
24) 2-Nitrophenol-d4	10.135	143	32865	26.156	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.664	165	56355	21.583	ng/ul	0.00
31) 4-Chloroaniline-d4	11.205	131	88456	21.346	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	194317	23.079	ng/ul	0.00
49) Acenaphthylene-d8	14.559	160	223416	22.007	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	28106	19.326	ng/ul	0.00
60) Fluorene-d10	15.840	176	180969	22.834	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	28764	19.910	ng/ul	0.00
73) Anthracene-d10	17.703	188	274430	22.575	ng/ul	0.00
81) Pyrene-d10	19.983	212	335483	22.247	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.147	264	364828	23.348	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.555	88	1826	1.359	ng/uL#	77
5) Pyridine	3.966	79	11845	4.055	ng/ul#	68
6) Benzaldehyde	7.356	77	7661	4.697	ng/ul#	84
8) Phenol	7.374	94	13803	3.734	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.632	93	10769	3.717	ng/ul	96
12) 2-Chlorophenol	7.767	128	9695	3.578	ng/ul#	83
13) 2-Methylphenol	8.649	108	10078	3.719	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.743	45	22318m	3.679	ng/ul	
16) Acetophenone	9.060	105	16990	4.001	ng/ul#	92
17) N-Nitroso-di-n-propyla...	9.025	70	7691	3.950	ng/ul#	96
18) 4-Methylphenol	8.972	108	10692	3.640	ng/ul	98
19) Hexachloroethane	9.301	117	3924	3.761	ng/ul#	78
22) Nitrobenzene	9.460	77	10980	3.823	ng/ul	96
23) Isophorone	9.959	82	22718	3.725	ng/ul#	87
25) 2-Nitrophenol	10.176	139	5050m	3.674	ng/ul	
26) 2,4-Dimethylphenol	10.194	107	9081	3.156	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.447	93	14131	3.627	ng/ul	98
29) 2,4-Dichlorophenol	10.688	162	8818	3.504	ng/ul#	84
30) Naphthalene	11.111	128	33901	3.614	ng/ul	97
32) 4-Chloroaniline	11.234	127	13431m	3.452	ng/ul	
33) Hexachlorobutadiene	11.340	225	6076	3.650	ng/ul#	87
34) Caprolactam	12.010	113	3986m	4.485	ng/ul	
35) 4-Chloro-3-methylphenol	12.303	107	9337	3.632	ng/ul	88
36) 2-Methylnaphthalene	12.691	142	21636	3.574	ng/ul	82

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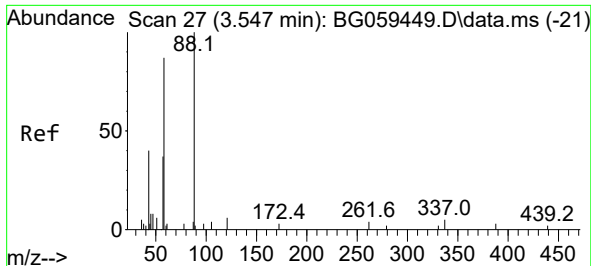
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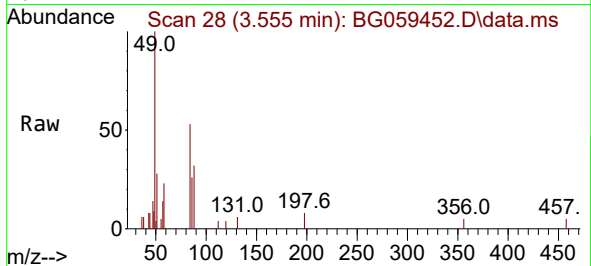
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.914	142	24019	3.897	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	13.038	216	11788	3.673	ng/ul#	86
40) Hexachlorocyclopentadiene	12.997	237	10574	5.696	ng/ul	88
41) 2,4,6-Trichlorophenol	13.285	196	7306	3.704	ng/ul#	78
42) 2,4,5-Trichlorophenol	13.361	196	7561	3.483	ng/ul	83
43) 1,1'-Biphenyl	13.690	154	34400	3.870	ng/ul	89
44) 2-Chloronaphthalene	13.743	162	25535	3.755	ng/ul	90
45) 2-Nitroaniline	13.960	65	7709	4.267	ng/ul#	58
47) Dimethylphthalate	14.295	163	31588	3.743	ng/ul#	98
48) 2,6-Dinitrotoluene	14.442	165	5161	3.321	ng/ul#	92
50) Acenaphthylene	14.583	152	39948	3.723	ng/ul#	96
51) 3-Nitroaniline	14.783	138	4940	2.999	ng/ul#	82
52) Acenaphthene	14.918	153	27008	3.679	ng/ul	91
53) 2,4-Dinitrophenol	14.983	184	5473	6.655	ng/ul#	84
55) 4-Nitrophenol	15.053	109	3596	3.515	ng/ul	95
56) Dibenzofuran	15.247	168	36709	3.698	ng/ul	92
57) 2,4-Dinitrotoluene	15.223	165	7965	3.644	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.458	232	6220	3.207	ng/ul#	95
59) Diethylphthalate	15.641	149	28568	3.503	ng/ul#	89
61) Fluorene	15.899	166	32521	3.905	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.881	204	15415	3.687	ng/ul	95
63) 4-Nitroaniline	15.940	138	5975	3.747	ng/ul#	71
66) 4,6-Dinitro-2-methylph...	15.964	198	5388	3.488	ng/ul#	89
67) N-Nitrosodiphenylamine	16.105	169	24377	3.527	ng/ul	93
68) 4-Bromophenyl-phenylether	16.775	248	9136	3.525	ng/ul#	83
69) Hexachlorobenzene	16.869	284	11927	4.014	ng/ul#	89
70) Atrazine	17.033	200	10682	3.916	ng/ul#	82
71) Pentachlorophenol	17.233	266	8128m	4.826	ng/ul	
72) Phenanthrene	17.650	178	53783	3.658	ng/ul#	92
74) Anthracene	17.738	178	54378	3.588	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.649	216	11144	3.272	ng/ul	93
76) Pentachlorobenzene	15.141	250	12908	3.918	ng/ul#	82
77) Carbazole	18.020	167	44210	3.390	ng/ul	97
78) Di-n-butylphthalate	18.520	149	54692	3.685	ng/ul	99
80) Fluoranthene	19.648	202	64737	3.534	ng/ul#	93
82) Pyrene	20.006	202	69429	3.567	ng/ul	97
83) Butylbenzylphthalate	20.864	149	23008	3.500	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.798	252	22026	3.422	ng/ul#	80
85) Benzo(a)anthracene	21.886	228	69768	3.562	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.716	149	33445	3.528	ng/ul	95
87) Chrysene	21.957	228	68172	3.694	ng/ul	97
89) Di-n-octyl phthalate	23.003	149	55970	3.314	ng/ul	100
90) Benzo(b)fluoranthene	24.260	252	72976	3.764	ng/ul	98
91) Benzo(k)fluoranthene	24.330	252	67872	3.415	ng/ul	99
93) Benzo(a)pyrene	25.223	252	68772	3.699	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.401	276	75952m	3.633	ng/ul	
95) Dibenzo(a,h)anthracene	29.471	278	60738m	3.515	ng/ul	
96) Benzo(g,h,i)perylene	30.676	276	61529m	3.625	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.359 ng/uL
RT: 3.555 min Scan# 27
Delta R.T. 0.005 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

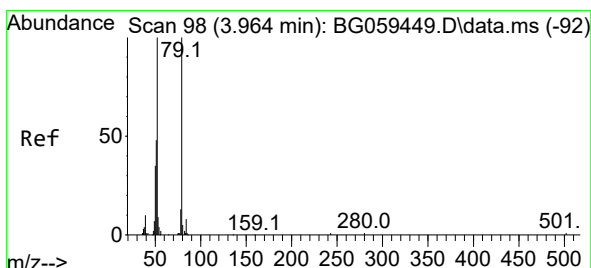
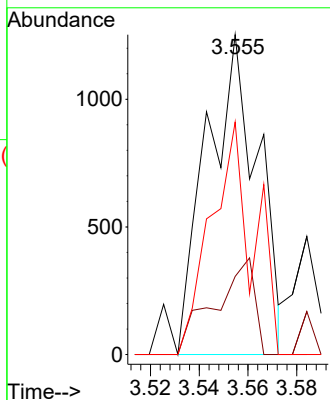
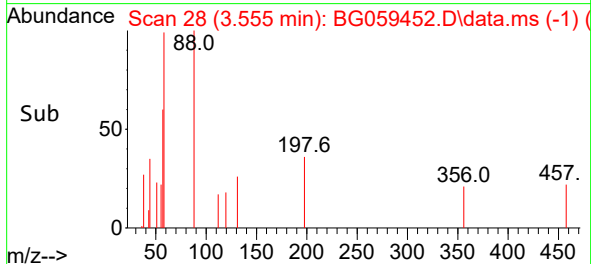
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion: 88 Resp: 1820
Ion Ratio Lower Upper
88 100
43 24.4 21.7 32.5
58 72.7 80.7 121.1

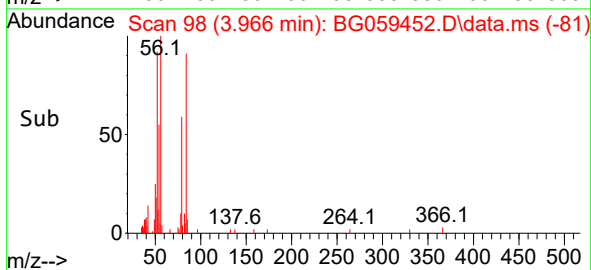
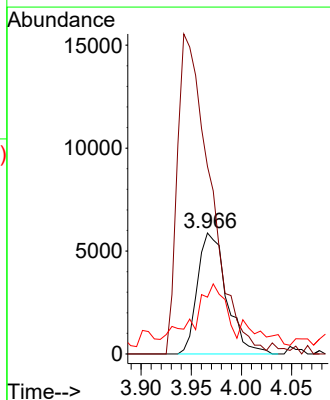
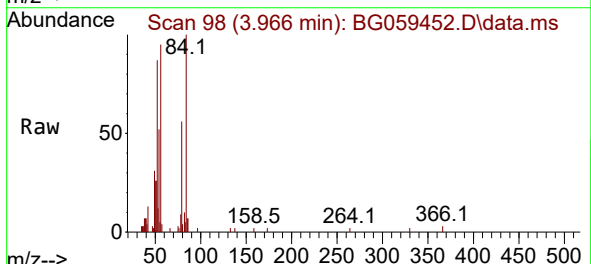
Manual Integrations
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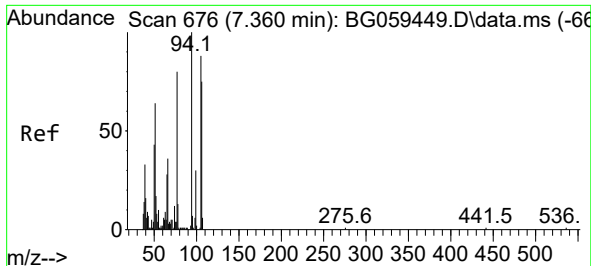
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 4.055 ng/uL
RT: 3.966 min Scan# 98
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion: 79 Resp: 11845
Ion Ratio Lower Upper
79 100
52 155.0 87.2 130.8
51 47.0 41.9 62.9





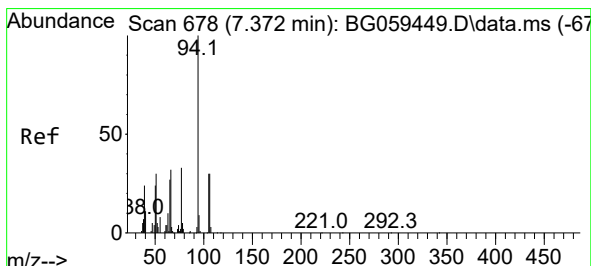
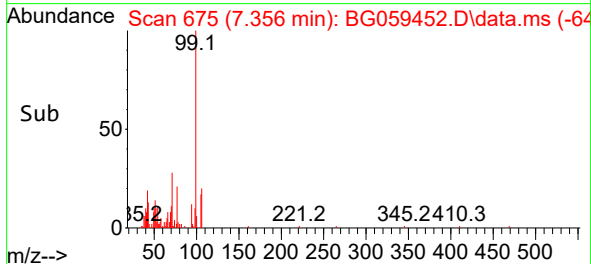
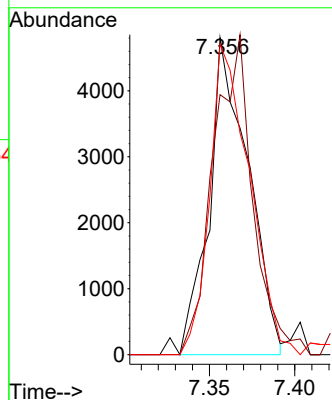
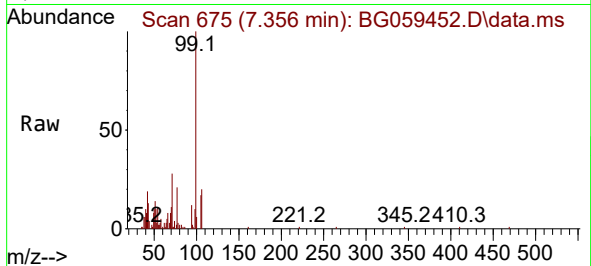
#6
Benzaldehyde
Concen: 4.697 ng/ul
RT: 7.356 min Scan# 676
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion: 77 Resp: 766
Ion Ratio Lower Upper
77 100
105 82.0 90.0 135.0
106 97.9 80.3 120.5

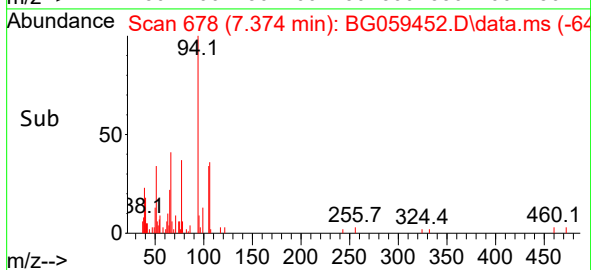
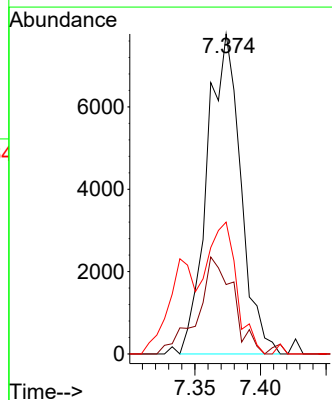
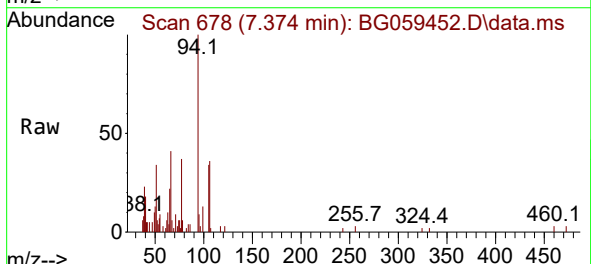
Manual Integrations
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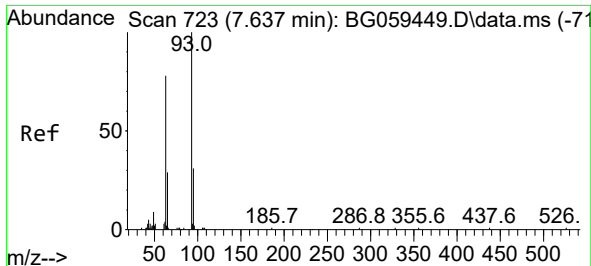
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 3.734 ng/ul
RT: 7.374 min Scan# 678
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

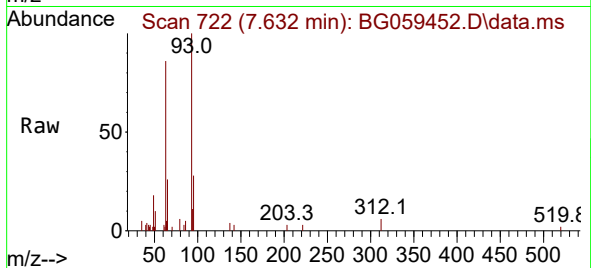
Tgt Ion: 94 Resp: 13803
Ion Ratio Lower Upper
94 100
65 21.7 20.9 31.3
66 41.2 31.1 46.7





#10
Bis(2-Chloroethyl)ether
Concen: 3.717 ng/ul
RT: 7.632 min Scan# 722
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

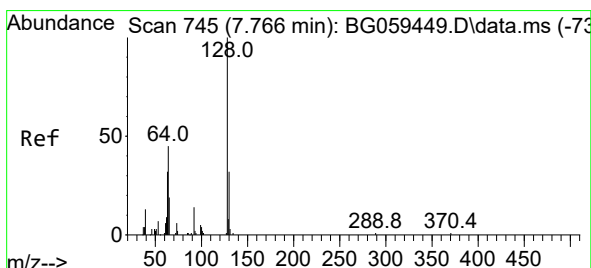
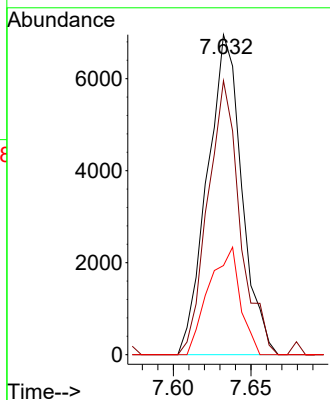
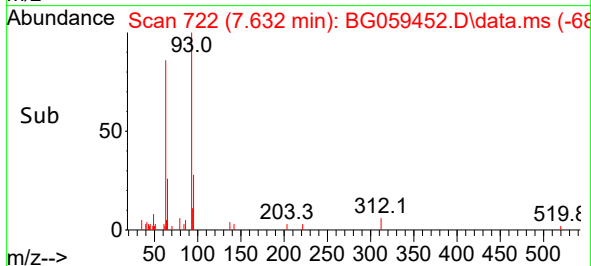
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04



Tgt Ion: 93 Resp: 10769
Ion Ratio Lower Upper
93 100
63 85.6 65.4 98.0
95 27.9 23.8 35.6

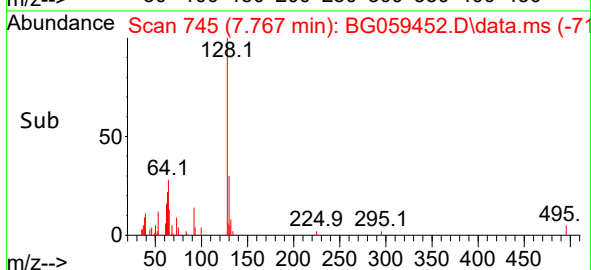
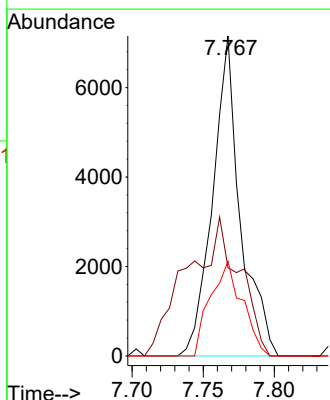
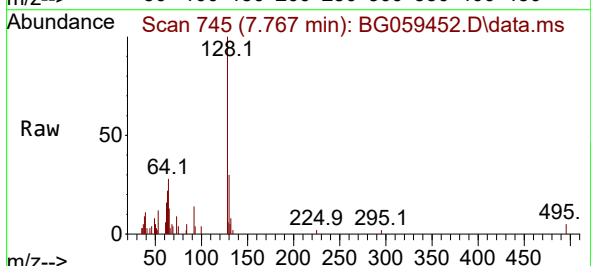
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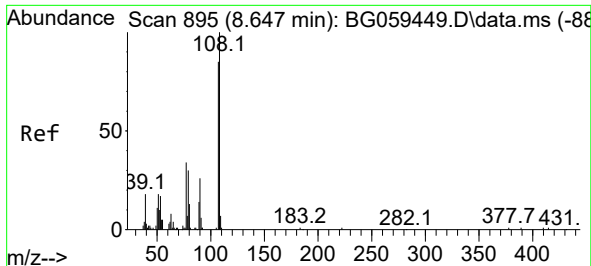
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 3.578 ng/ul
RT: 7.767 min Scan# 745
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion:128 Resp: 9695
Ion Ratio Lower Upper
128 100
64 27.6 35.6 53.4#
130 29.6 26.2 39.4





#13

2-Methylphenol

Concen: 3.719 ng/ul

RT: 8.649 min Scan# 895

Delta R.T. 0.005 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2023-04

Tgt Ion:108 Resp: 10078

Ion Ratio Lower Upper

108 100

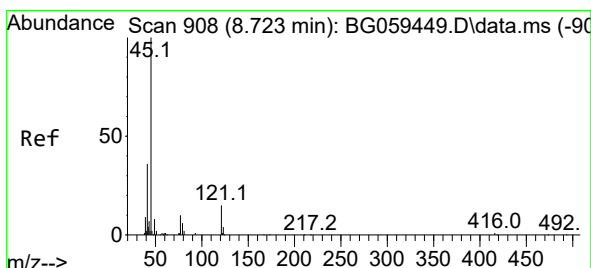
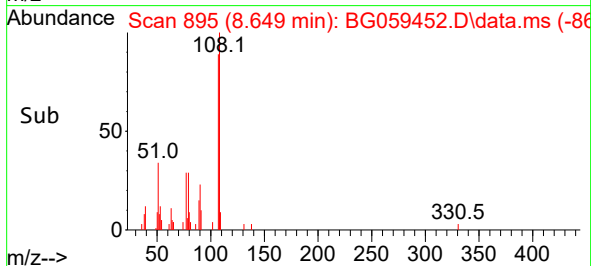
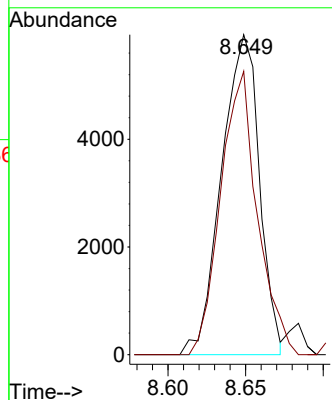
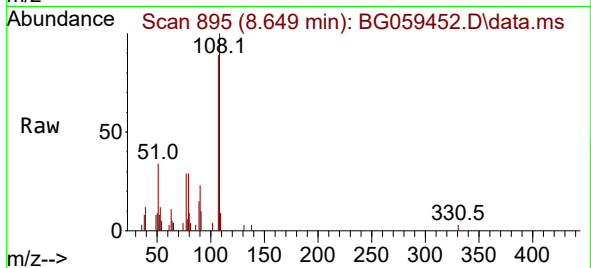
107 88.5 65.9 98.9

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/18/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.679 ng/ul m

RT: 8.743 min Scan# 911

Delta R.T. 0.023 min

Lab File: BG059452.D

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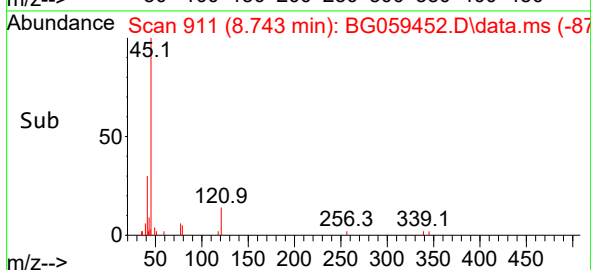
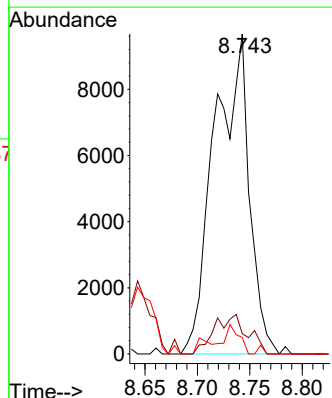
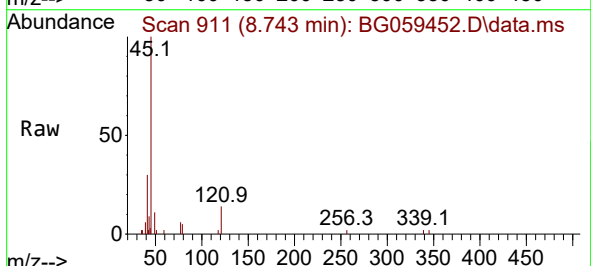
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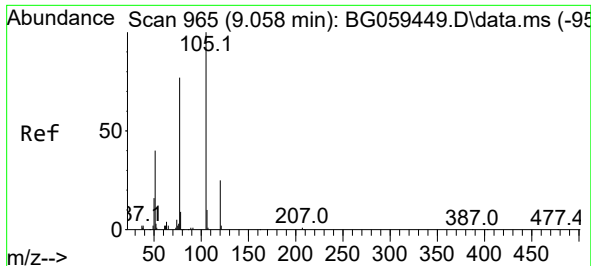
Ion Ratio Lower Upper

45 100

77 6.3 6.8 10.2#

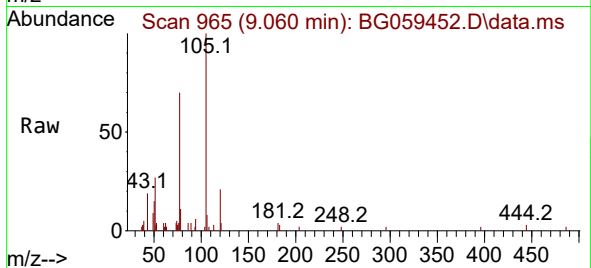
79 5.2 3.8 5.8





#16
Acetophenone
Concen: 4.001 ng/ul
RT: 9.060 min Scan# 901
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

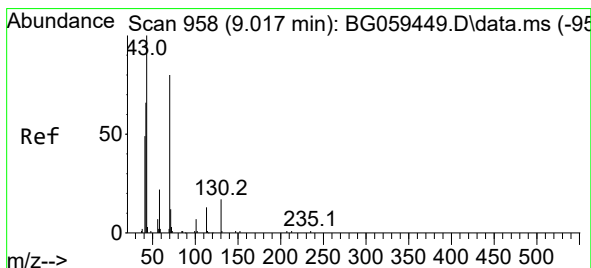
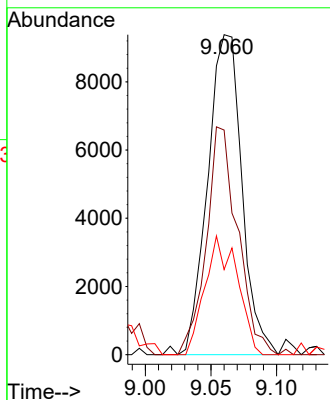
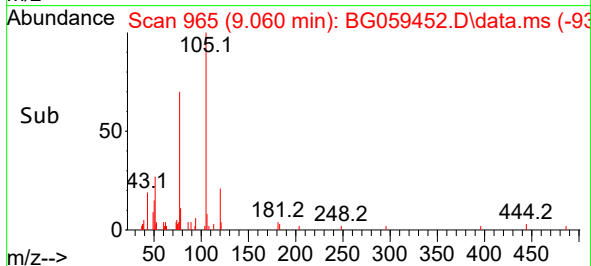
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:105 Resp: 16990
Ion Ratio Lower Upper
105 100
77 70.2 57.7 86.5
51 26.6 29.7 44.5

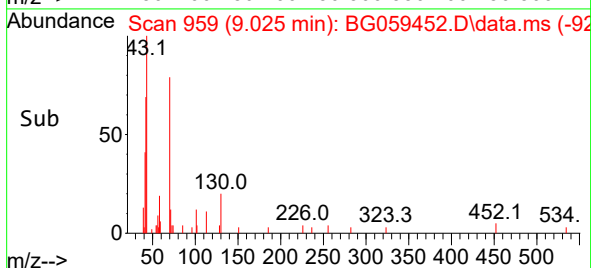
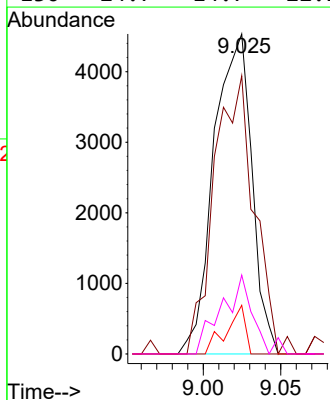
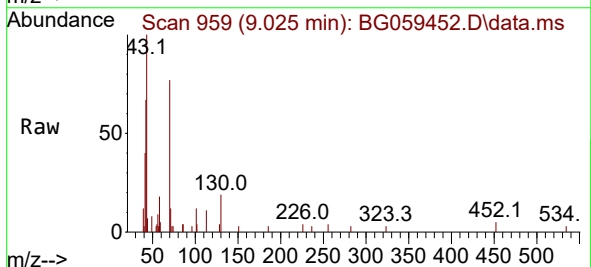
Manual Integrations
APPROVED

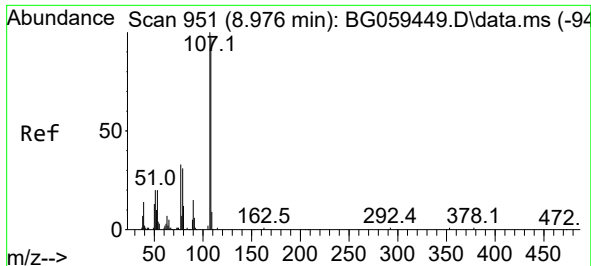
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.950 ng/ul
RT: 9.025 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion: 70 Resp: 7691
Ion Ratio Lower Upper
70 100
42 86.9 70.0 105.0
101 15.2 7.2 10.8#
130 24.7 14.7 22.1#





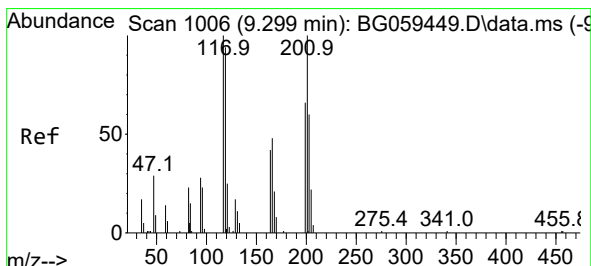
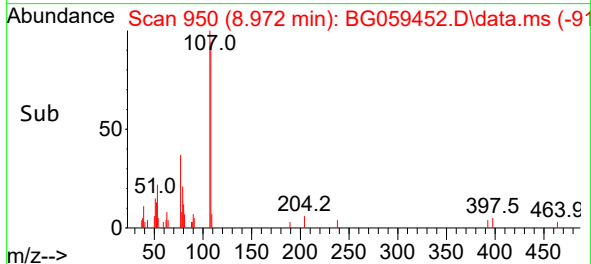
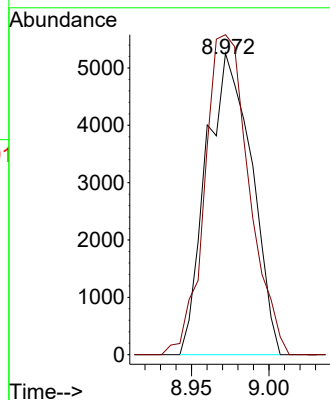
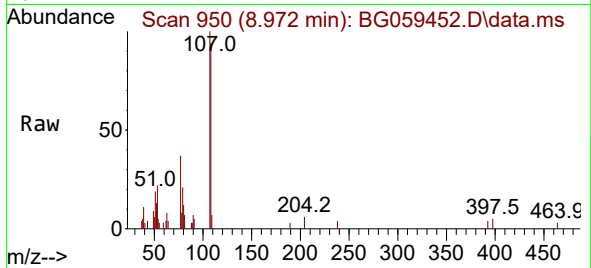
#18
4-Methylphenol
Concen: 3.640 ng/ul
RT: 8.972 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:108 Resp: 10692
Ion Ratio Lower Upper
108 100
107 106.2 83.4 125.2

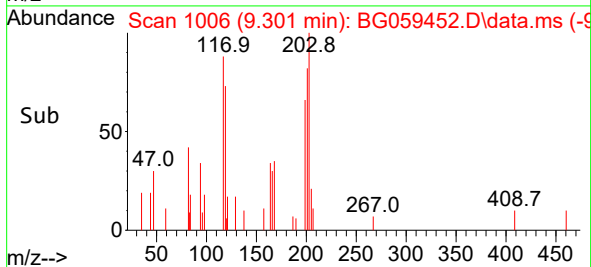
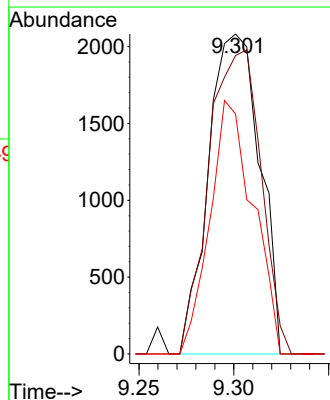
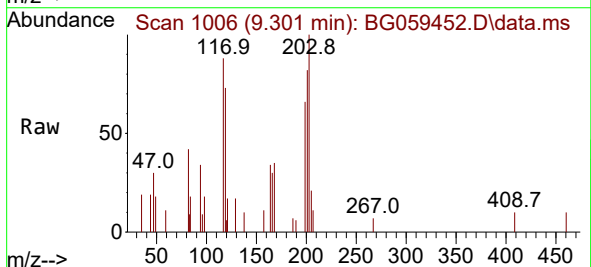
Manual Integrations
APPROVED

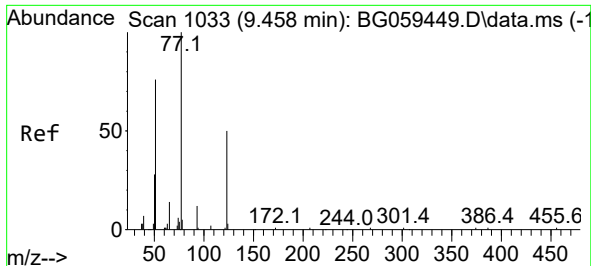
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 3.761 ng/ul
RT: 9.301 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

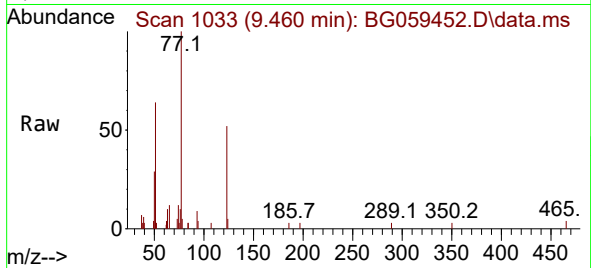
Tgt Ion:117 Resp: 3924
Ion Ratio Lower Upper
117 100
201 93.3 97.4 146.2#
199 75.0 73.6 110.4





#22
Nitrobenzene
Concen: 3.823 ng/ul
RT: 9.460 min Scan# 1098
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

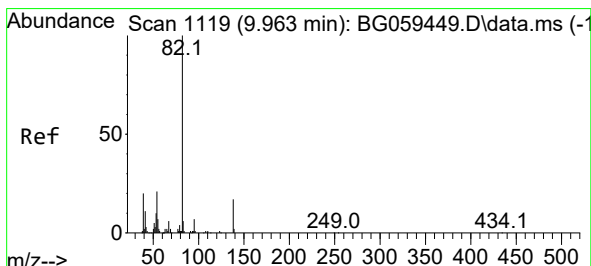
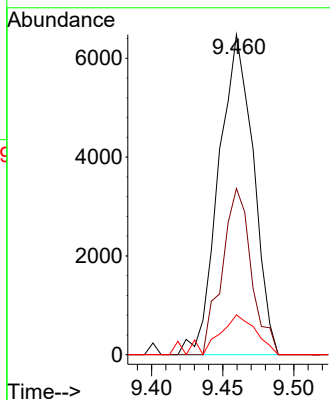
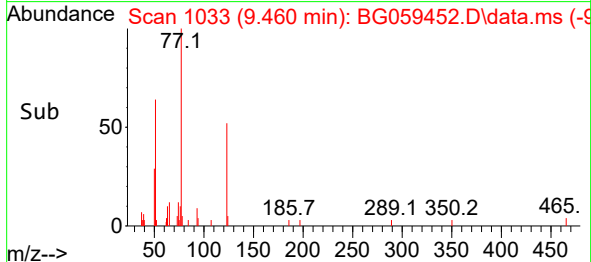
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion: 77 Resp: 10980
Ion Ratio Lower Upper
77 100
123 51.9 43.5 65.3
65 12.5 12.1 18.1

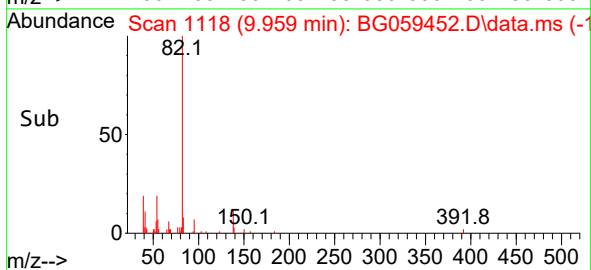
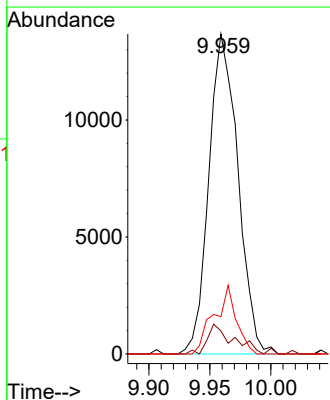
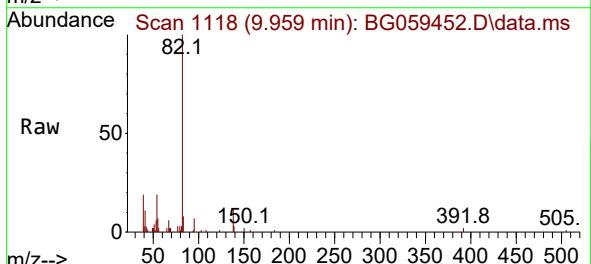
Manual Integrations
APPROVED

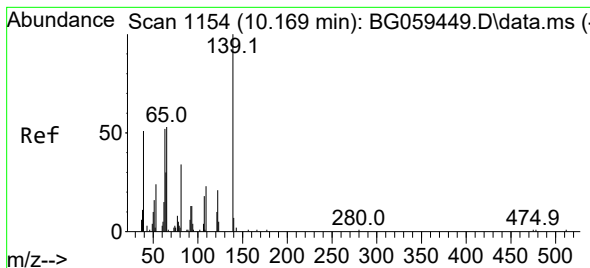
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#23
Isophorone
Concen: 3.725 ng/ul
RT: 9.959 min Scan# 1118
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

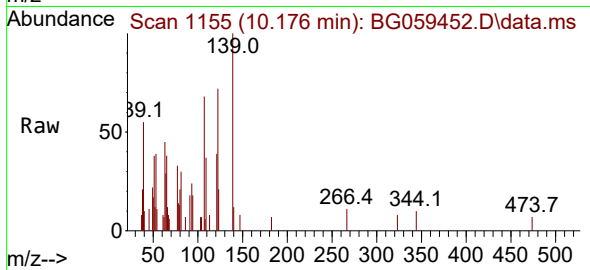
Tgt Ion: 82 Resp: 22718
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 11.7 15.5 23.3#





#25
2-Nitrophenol
Concen: 3.674 ng/ul m
RT: 10.176 min Scan# 1154
Delta R.T. 0.011 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

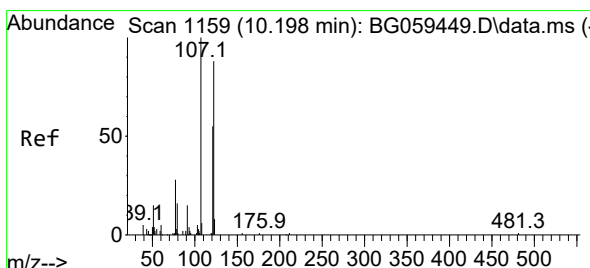
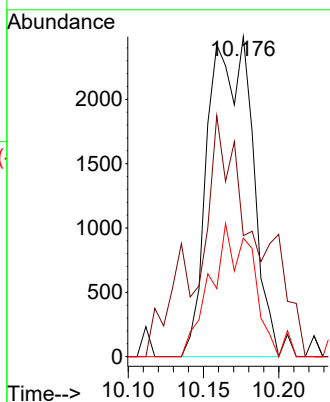
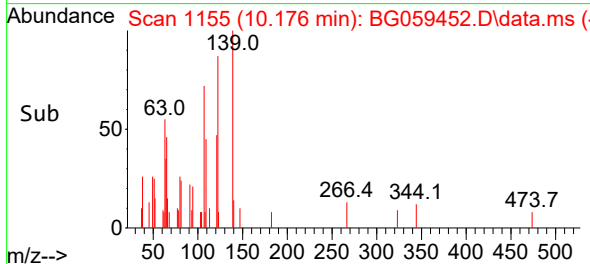
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



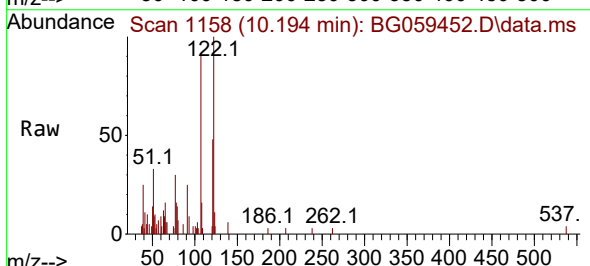
Tgt Ion:139 Resp: 5050
Ion Ratio Lower Upper
139 100
65 37.8 49.4 74.0
109 37.0 23.9 35.9

Manual Integrations
APPROVED

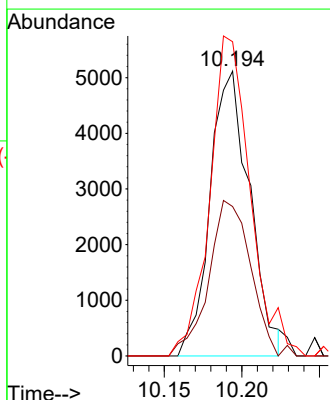
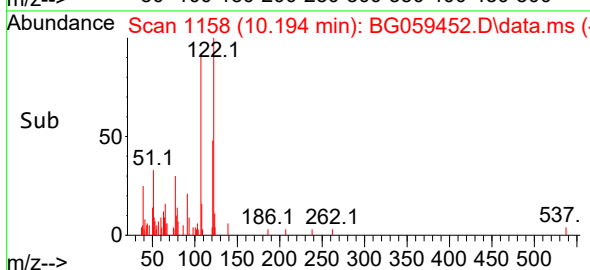
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

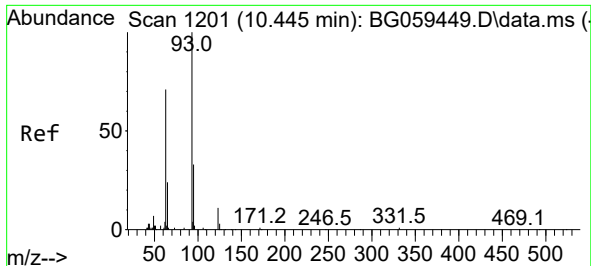


#26
2,4-Dimethylphenol
Concen: 3.156 ng/ul
RT: 10.194 min Scan# 1158
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30



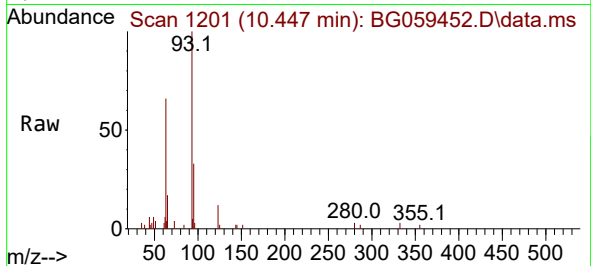
Tgt Ion:107 Resp: 9081
Ion Ratio Lower Upper
107 100
121 52.5 44.0 66.0
122 110.3 65.1 97.7





#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.627 ng/ul
 RT: 10.447 min Scan# 1201
 Delta R.T. -0.001 min
 Lab File: BG059452.D
 Acq: 16 Oct 2023 11:30

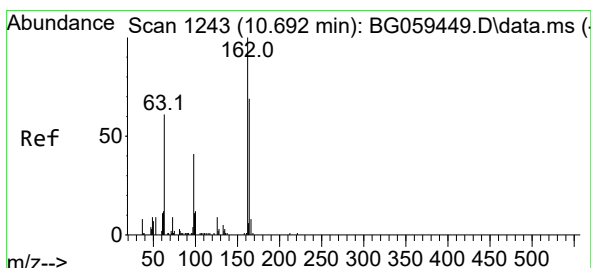
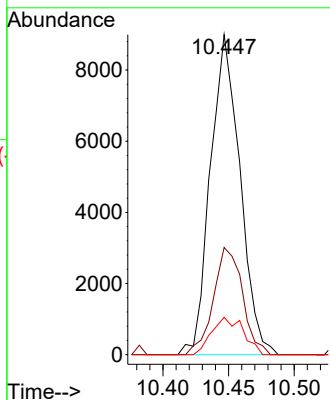
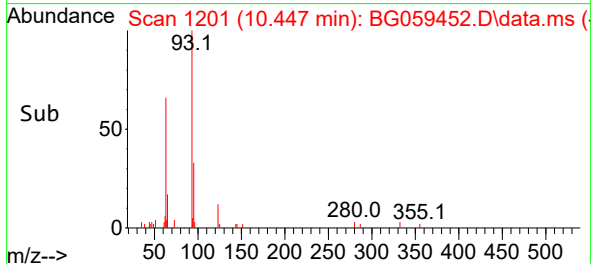
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-QT2-2023-04



Tgt Ion: 93	Resp: 1413
Ion Ratio	Lower Upper
93	100
95	33.5 26.1 39.1
123	11.7 8.0 12.0

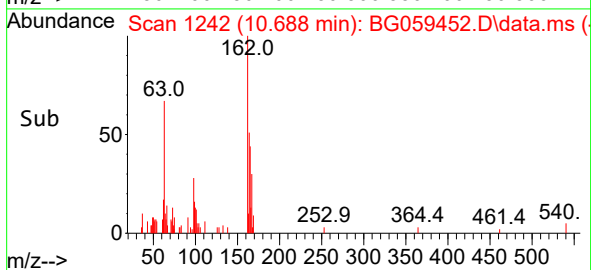
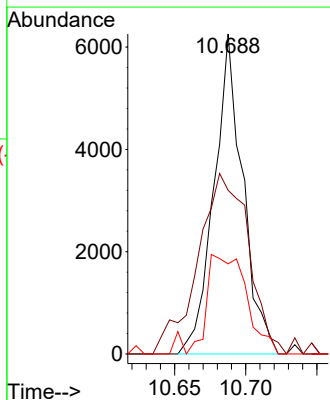
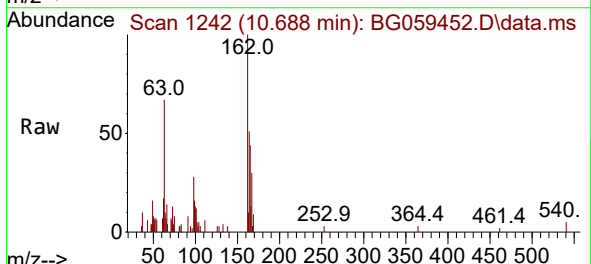
Manual Integrations
 APPROVED

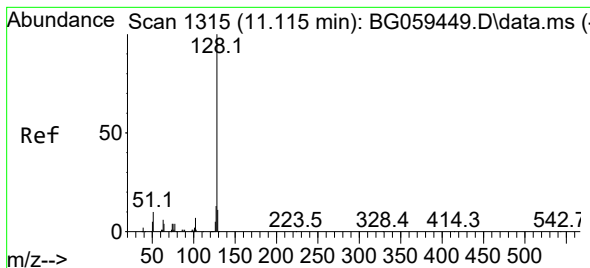
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#29
 2,4-Dichlorophenol
 Concen: 3.504 ng/ul
 RT: 10.688 min Scan# 1242
 Delta R.T. -0.001 min
 Lab File: BG059452.D
 Acq: 16 Oct 2023 11:30

Tgt Ion:162	Resp: 8818
Ion Ratio	Lower Upper
162	100
164	51.2 53.5 80.3#
98	28.1 26.2 39.4





#30

Naphthalene

Concen: 3.614 ng/ul

RT: 11.111 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2023-04

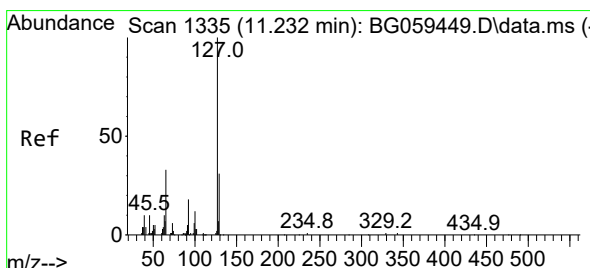
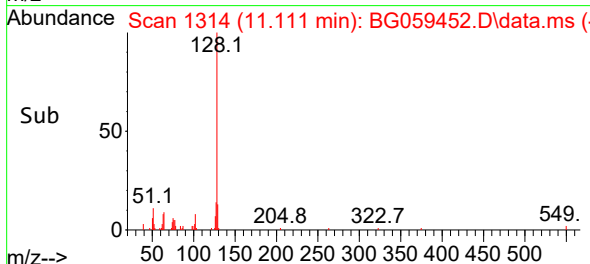
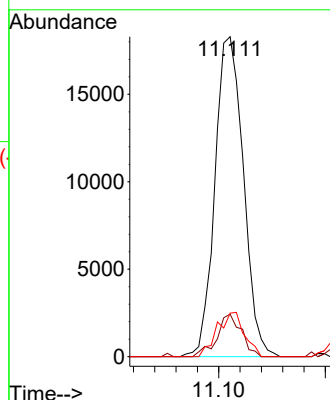
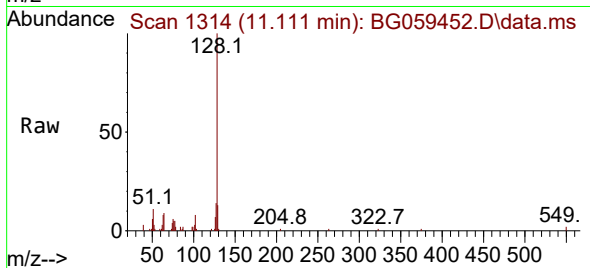
Tgt Ion:	128	Resp:	3390
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.4	14.0
127	13.6	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#32

4-Chloroaniline

Concen: 3.452 ng/ul m

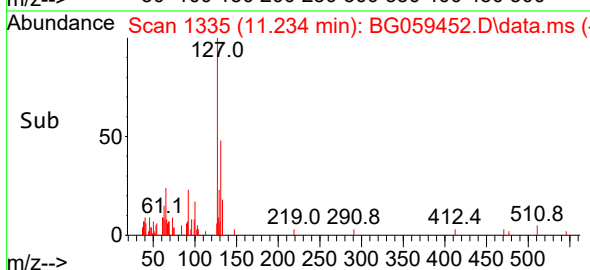
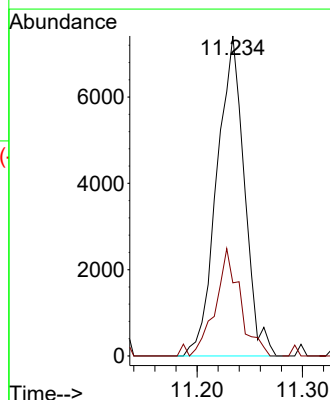
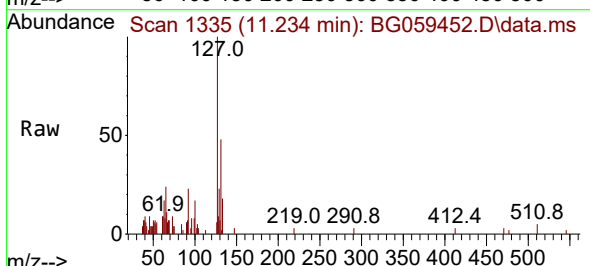
RT: 11.234 min Scan# 1335

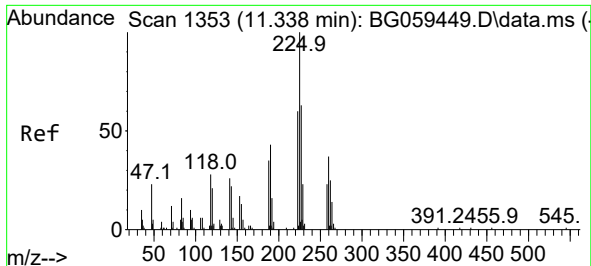
Delta R.T. 0.005 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

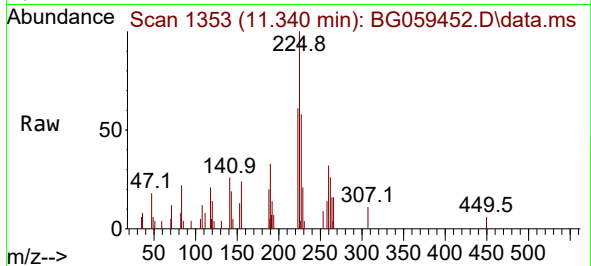
Tgt Ion:	127	Resp:	13431
Ion Ratio	Lower	Upper	
127	100		
129	22.8	27.0	40.6





#33
Hexachlorobutadiene
Concen: 3.650 ng/ul
RT: 11.340 min Scan# 1353
Delta R.T. 0.005 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

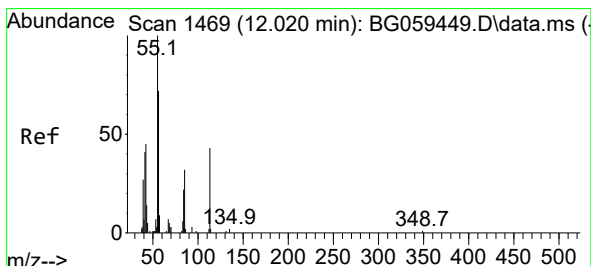
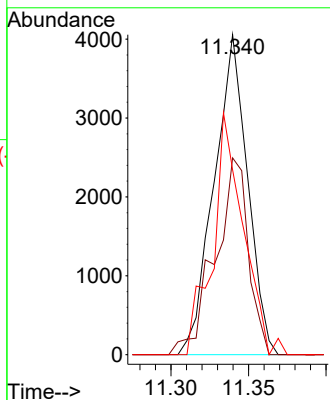
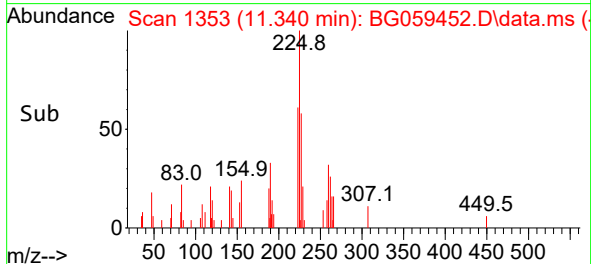
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:225 Resp: 6070
Ion Ratio Lower Upper
225 100
223 59.1 52.4 78.6
227 55.5 55.8 83.8

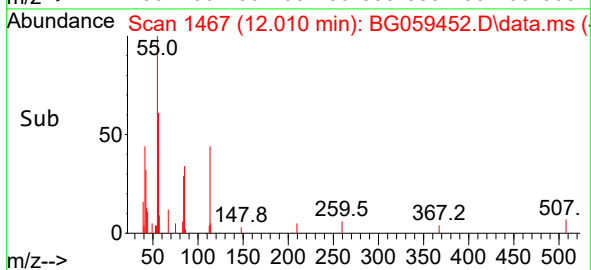
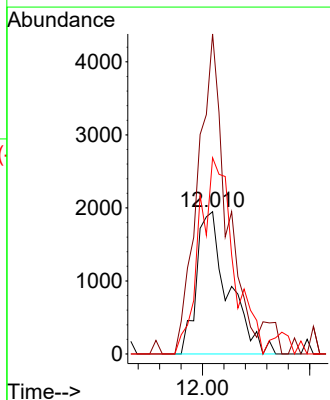
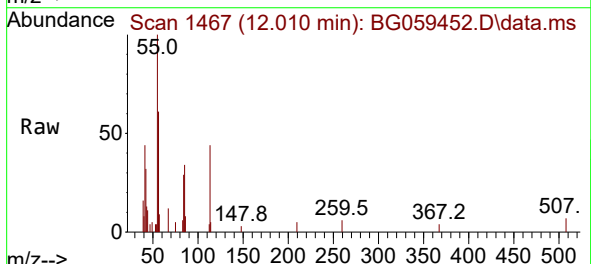
Manual Integrations
APPROVED

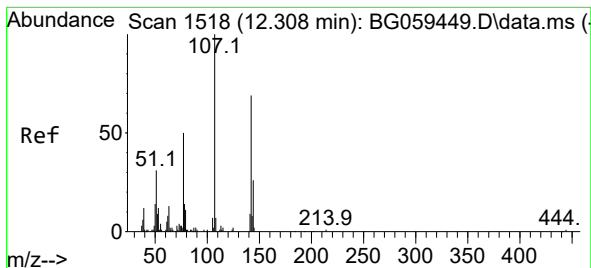
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Caprolactam
Concen: 4.485 ng/ul m
RT: 12.010 min Scan# 1467
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion:113 Resp: 3986
Ion Ratio Lower Upper
113 100
55 224.9 174.3 261.5
56 137.9 130.2 195.2





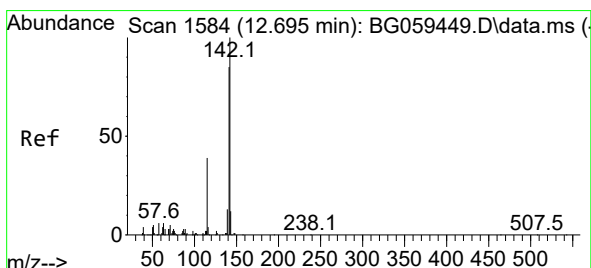
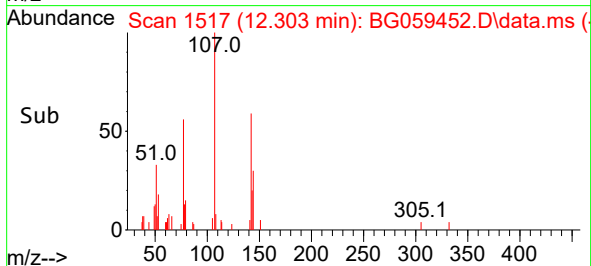
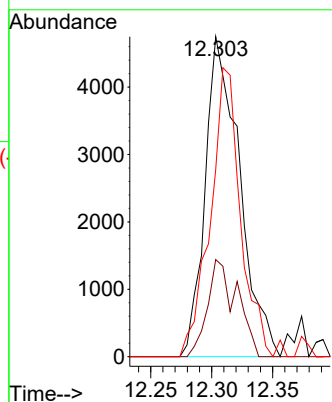
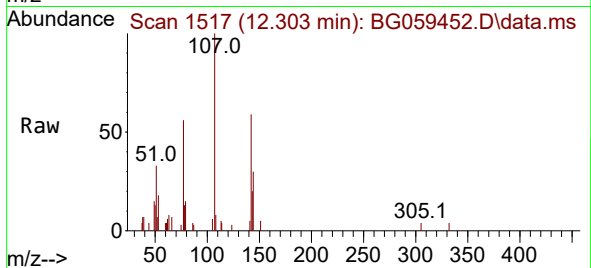
#35
4-Chloro-3-methylphenol
Concen: 3.632 ng/ul
RT: 12.303 min Scan# 1517
Delta R.T. -0.013 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04

Tgt Ion:107 Resp: 933
Ion Ratio Lower Upper
107 100
144 30.4 23.0 34.6
142 58.5 57.4 86.0

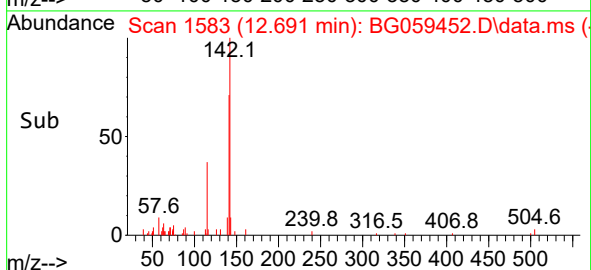
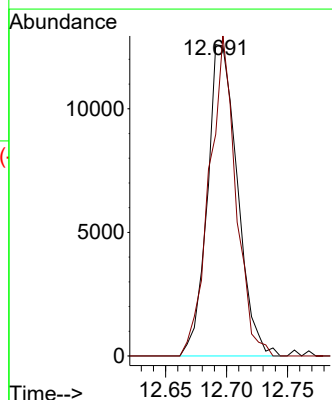
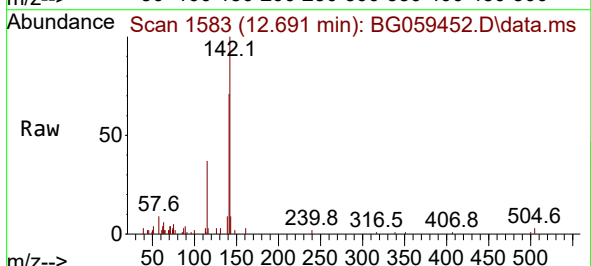
Manual Integrations
APPROVED

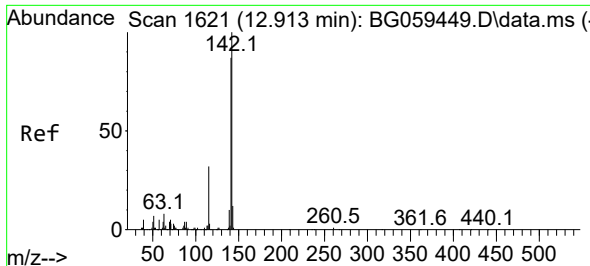
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 3.574 ng/ul
RT: 12.691 min Scan# 1583
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

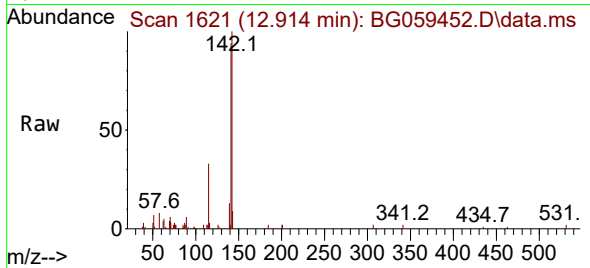
Tgt Ion:142 Resp: 21636
Ion Ratio Lower Upper
142 100
141 71.1 70.0 105.0





#37
1-Methylnaphthalene
Concen: 3.897 ng/ul
RT: 12.914 min Scan# 1621
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

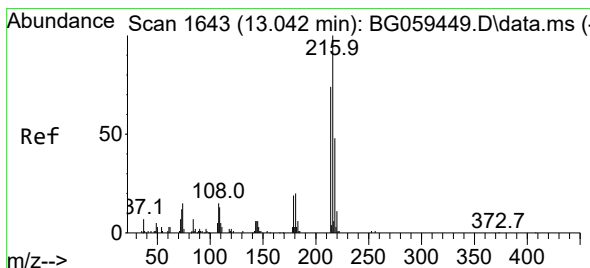
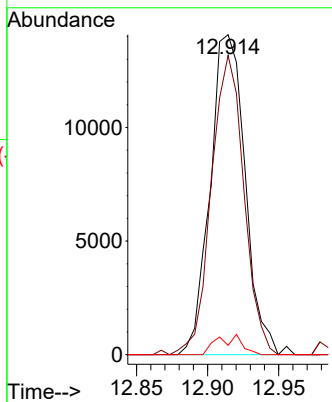
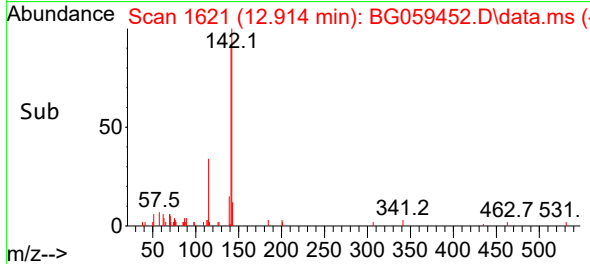
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04



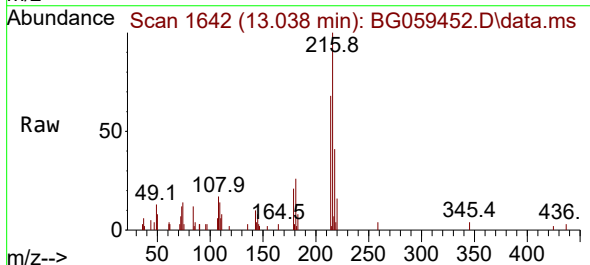
Tgt Ion:142 Resp: 24019
Ion Ratio Lower Upper
142 100
141 93.6 81.3 121.9
116 2.9 3.4 5.2

Manual Integrations
APPROVED

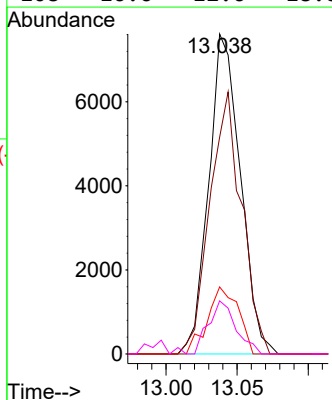
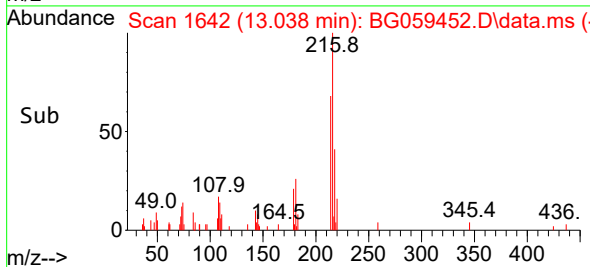
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

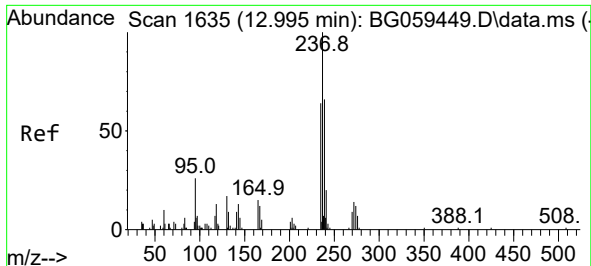


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.673 ng/ul
RT: 13.038 min Scan# 1642
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30



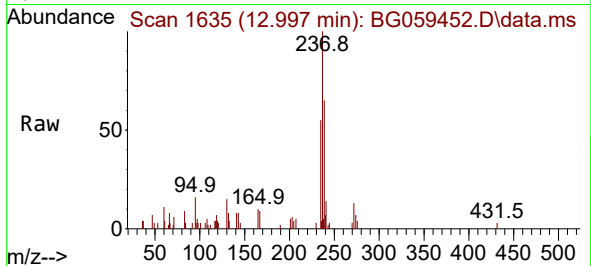
Tgt Ion:216 Resp: 11788
Ion Ratio Lower Upper
216 100
214 67.8 66.9 100.3
179 24.3 15.6 23.4#
108 16.6 12.6 18.8





#40
Hexachlorocyclopentadiene
Concen: 5.696 ng/ul
RT: 12.997 min Scan# 1635
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

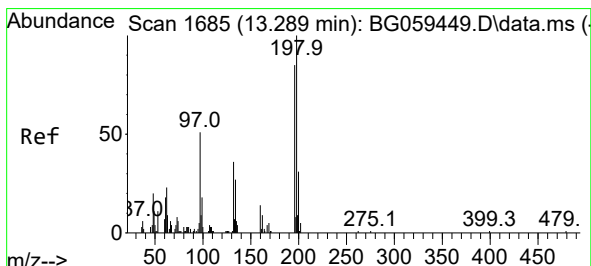
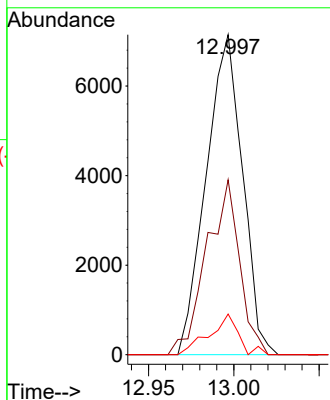
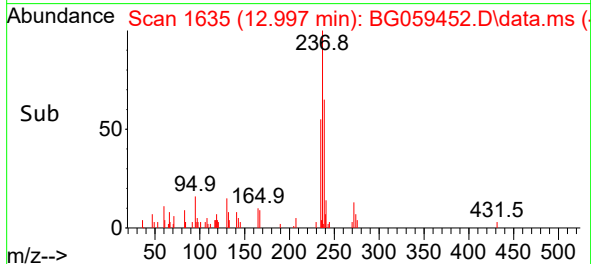
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04



Tgt Ion:237 Resp: 10574
Ion Ratio Lower Upper
237 100
235 58.7 56.5 84.7
272 12.7 10.8 16.2

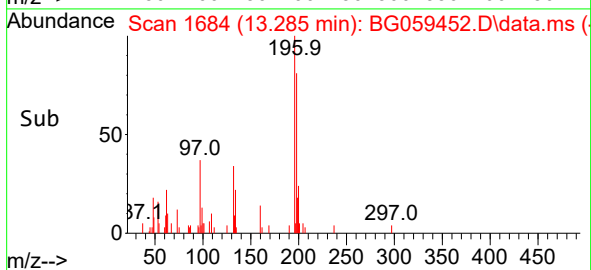
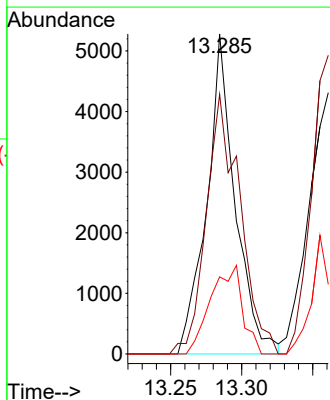
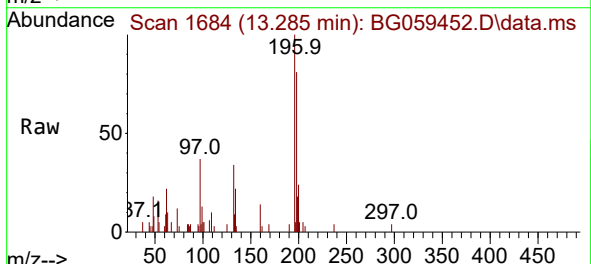
Manual Integrations
APPROVED

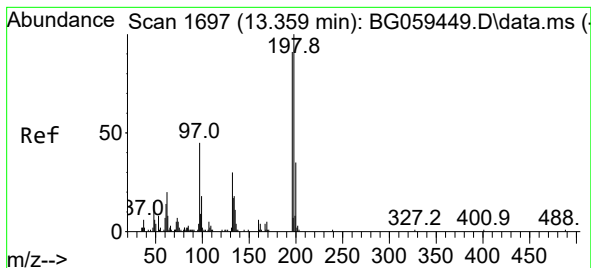
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#41
2,4,6-Trichlorophenol
Concen: 3.704 ng/ul
RT: 13.285 min Scan# 1684
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion:196 Resp: 7306
Ion Ratio Lower Upper
196 100
198 81.2 85.7 128.5#
200 24.1 24.2 36.4#





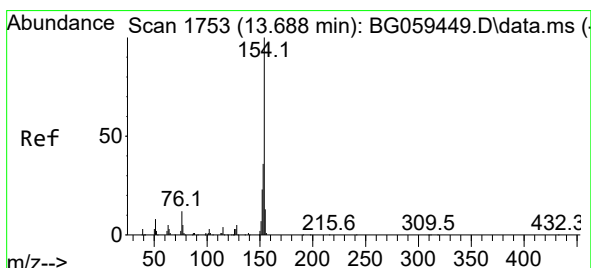
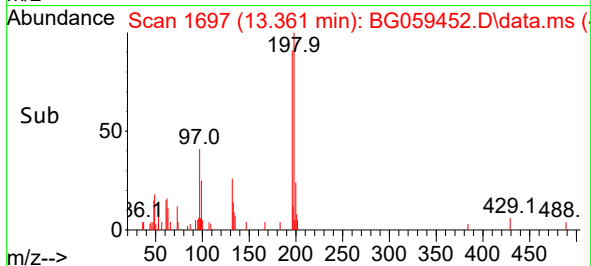
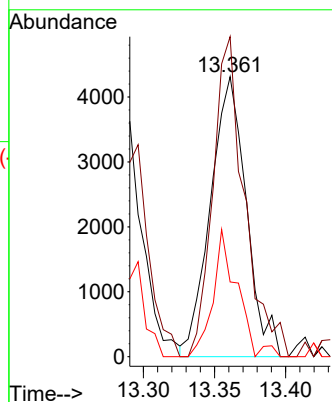
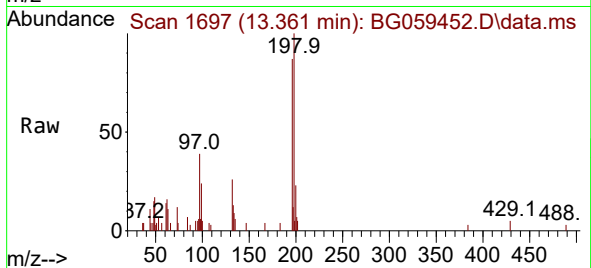
#42
2,4,5-Trichlorophenol
Concen: 3.483 ng/ul
RT: 13.361 min Scan# 1697
Delta R.T. 0.005 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:196 Resp: 756
Ion Ratio Lower Upper
196 100
198 119.9 80.3 120.5
200 26.7 25.2 37.8

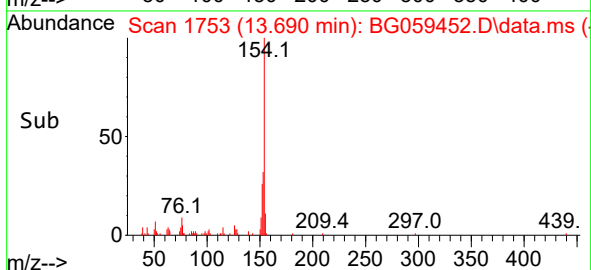
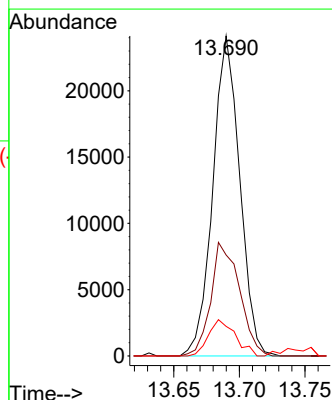
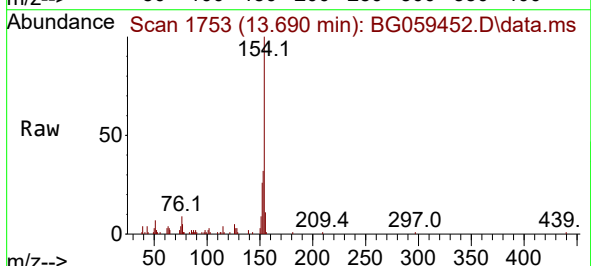
Manual Integrations
APPROVED

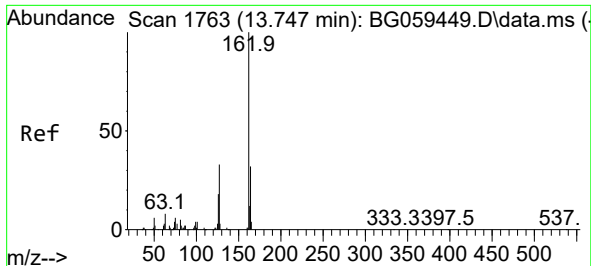
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#43
1,1'-Biphenyl
Concen: 3.870 ng/ul
RT: 13.690 min Scan# 1753
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

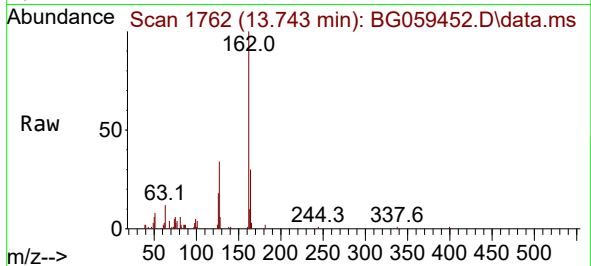
Tgt Ion:154 Resp: 34400
Ion Ratio Lower Upper
154 100
153 31.6 31.3 46.9
76 14.0 9.4 14.0





#44
2-Chloronaphthalene
Concen: 3.755 ng/ul
RT: 13.743 min Scan# 1762
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

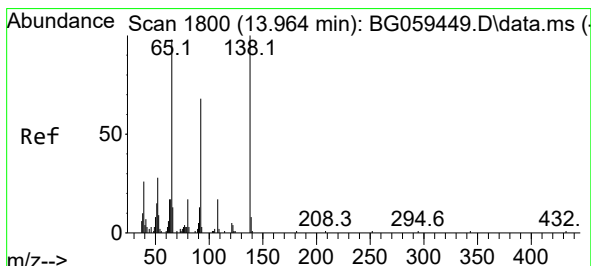
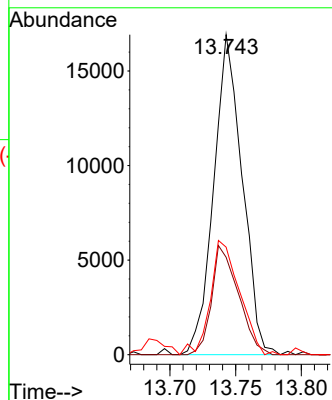
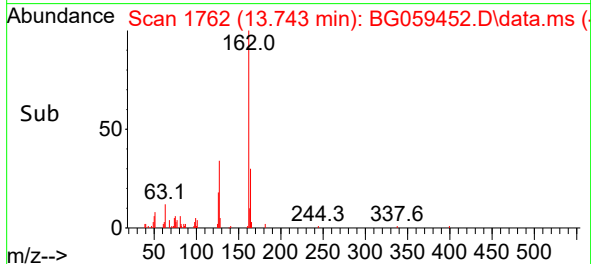
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04



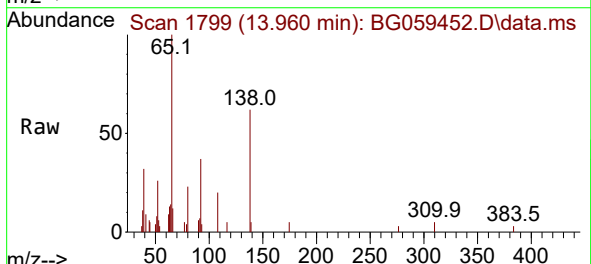
Tgt Ion: 162 Resp: 2553
Ion Ratio Lower Upper
162 100
164 30.5 27.8 41.6
127 33.6 33.4 50.2

Manual Integrations
APPROVED

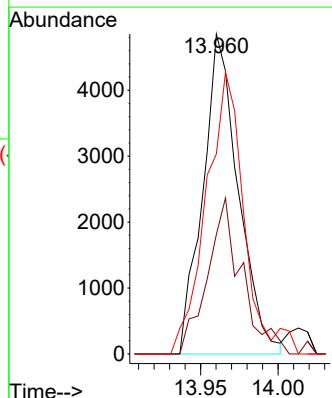
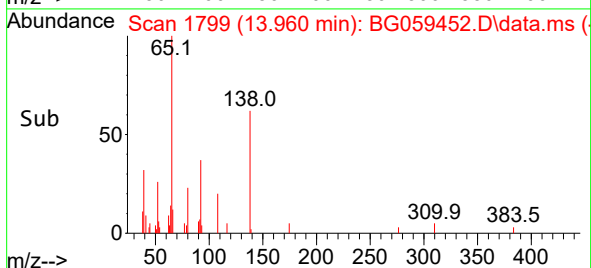
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

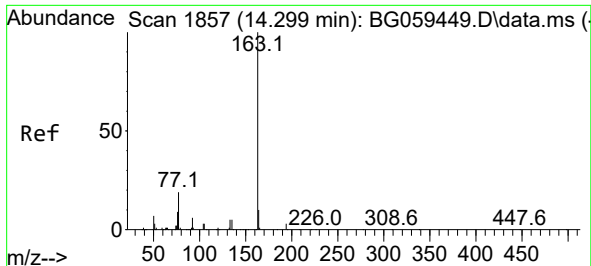


#45
2-Nitroaniline
Concen: 4.267 ng/ul
RT: 13.960 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30



Tgt Ion: 65 Resp: 7709
Ion Ratio Lower Upper
65 100
92 37.3 58.2 87.4#
138 62.5 85.0 127.4#





#47

Dimethylphthalate

Concen: 3.743 ng/ul

RT: 14.295 min Scan# 1856

Delta R.T. -0.001 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2023-04

Tgt Ion:163 Resp: 3158

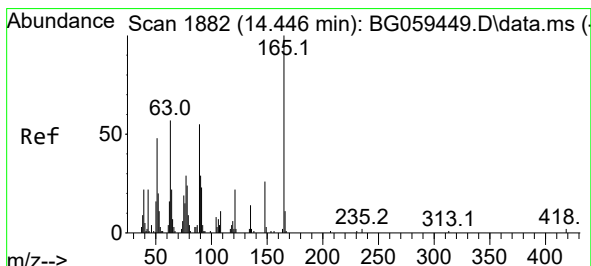
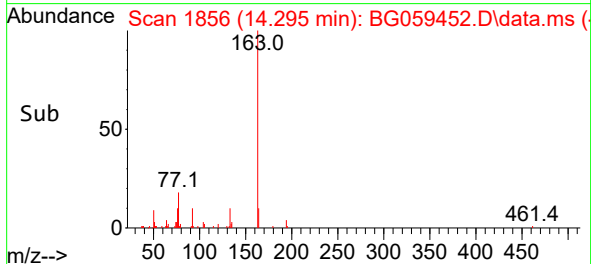
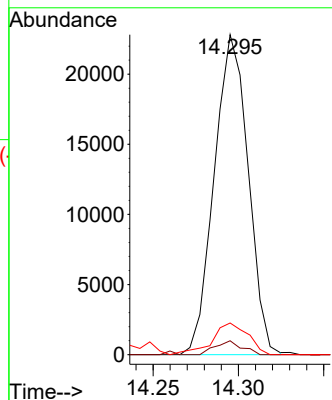
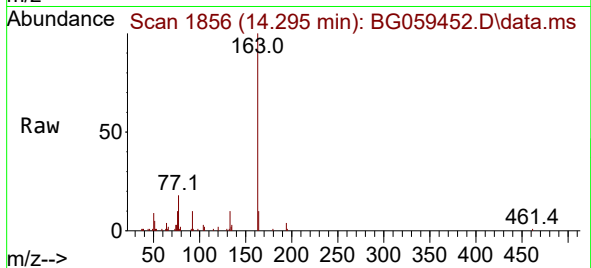
Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.4	3.6
164	9.9	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#48

2,6-Dinitrotoluene

Concen: 3.321 ng/ul

RT: 14.442 min Scan# 1881

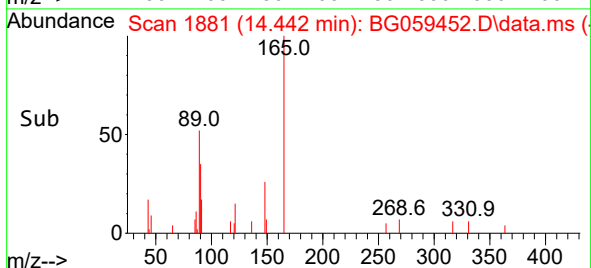
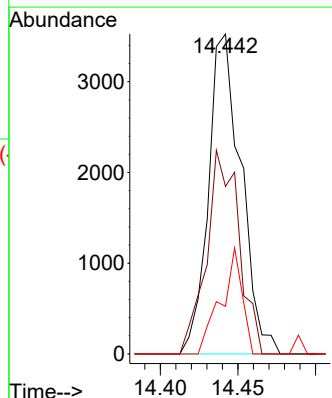
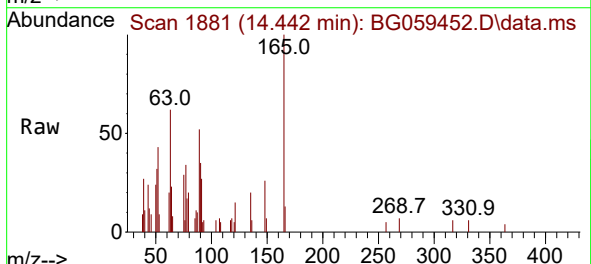
Delta R.T. -0.001 min

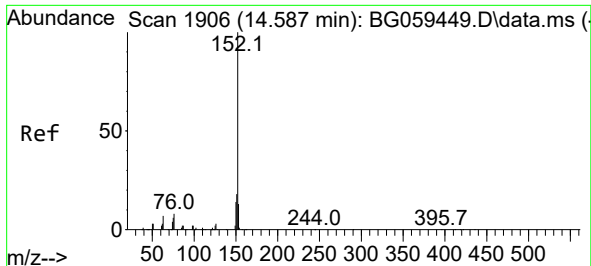
Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Tgt Ion:165 Resp: 5161

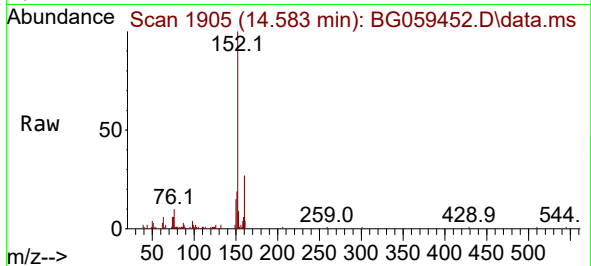
Ion	Ratio	Lower	Upper
165	100		
89	52.4	46.2	69.4
121	14.9	15.1	22.7





#50
Acenaphthylene
Concen: 3.723 ng/ul
RT: 14.583 min Scan# 1906
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

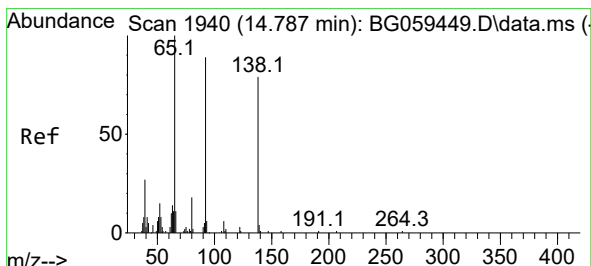
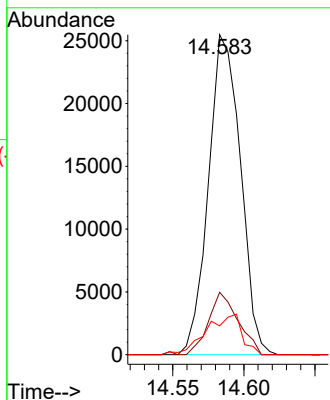
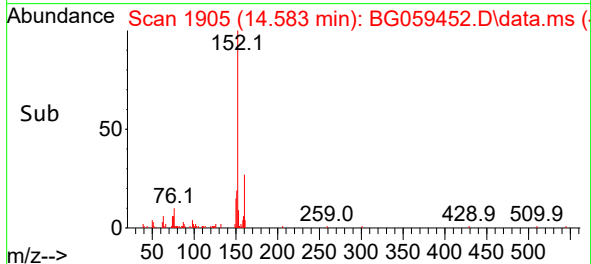
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04



Tgt Ion:152 Resp: 3994
Ion Ratio Lower Upper
152 100
151 19.5 14.8 22.2
153 9.0 9.5 14.3

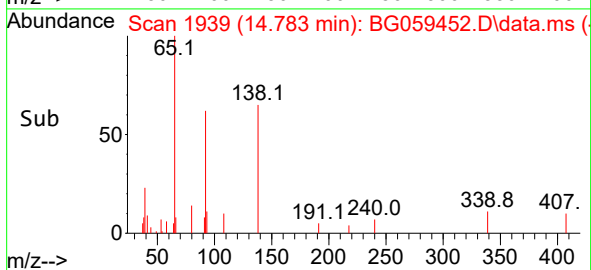
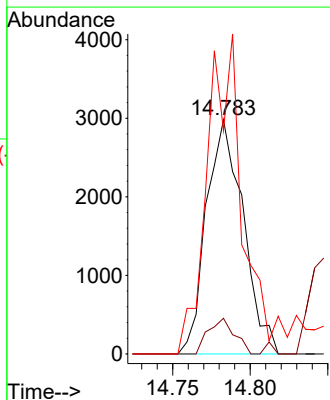
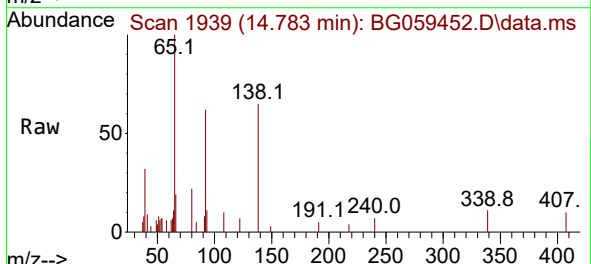
Manual Integrations
APPROVED

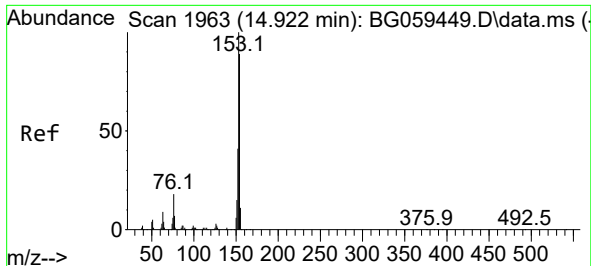
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#51
3-Nitroaniline
Concen: 2.999 ng/ul
RT: 14.783 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion:138 Resp: 4940
Ion Ratio Lower Upper
138 100
108 15.2 6.5 9.7#
92 95.3 91.6 137.4





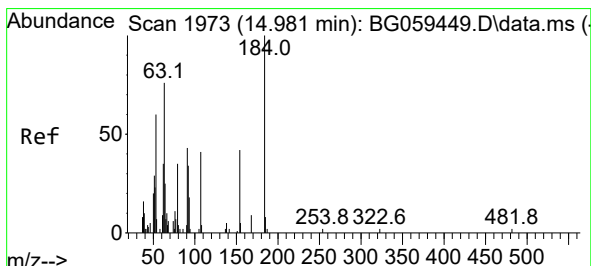
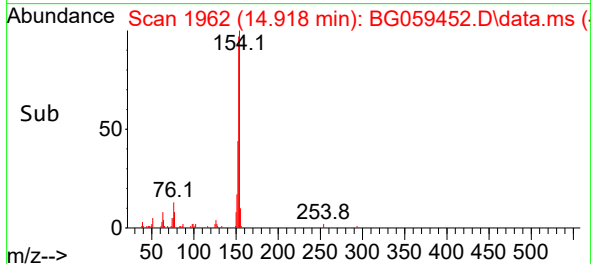
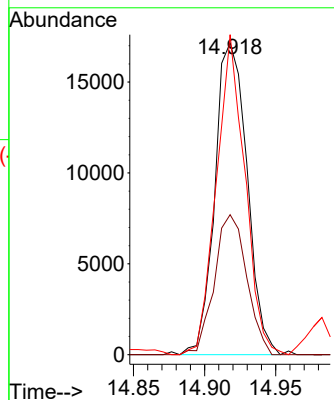
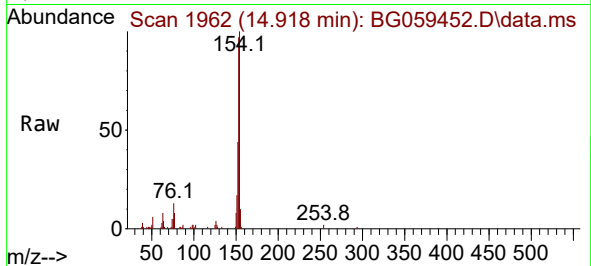
#52
Acenaphthene
Concen: 3.679 ng/ul
RT: 14.918 min Scan# 1962
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04

Tgt Ion:153 Resp: 27008
Ion Ratio Lower Upper
153 100
152 44.9 32.1 48.1
154 102.6 75.2 112.8

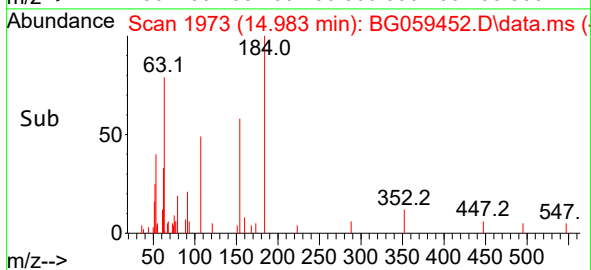
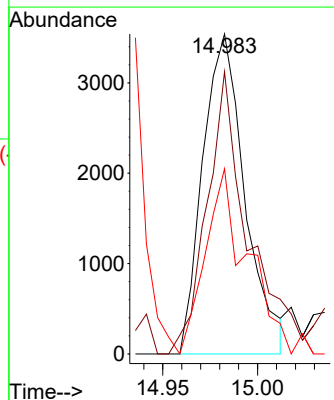
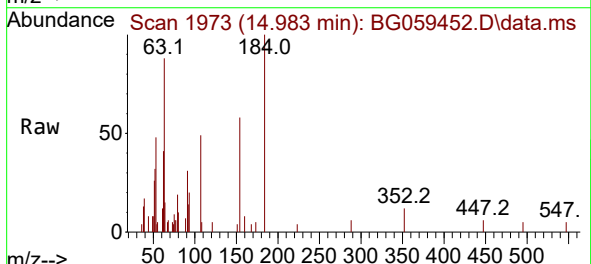
Manual Integrations
APPROVED

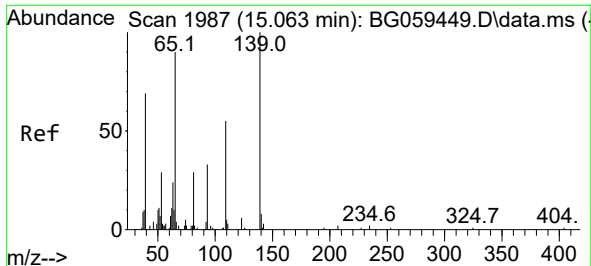
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#53
2,4-Dinitrophenol
Concen: 6.655 ng/ul
RT: 14.983 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

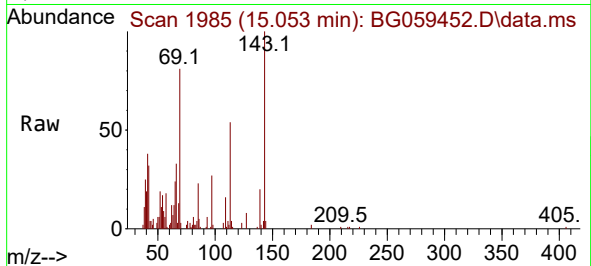
Tgt Ion:184 Resp: 5473
Ion Ratio Lower Upper
184 100
63 88.2 57.3 85.9#
154 57.8 40.6 61.0





#55
4-Nitrophenol
Concen: 3.515 ng/ul
RT: 15.053 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

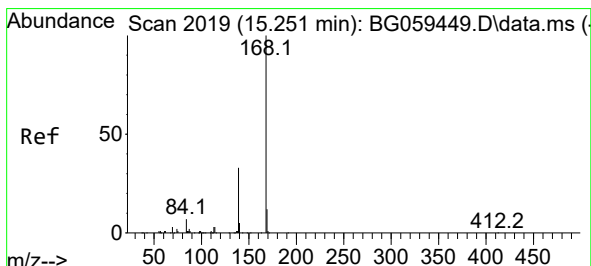
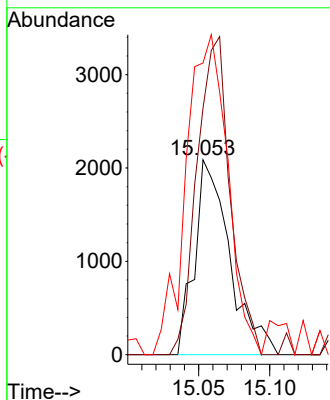
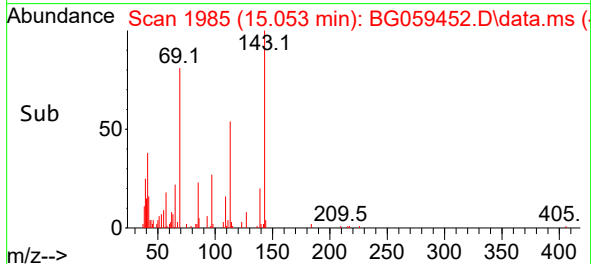
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:109 Resp: 3590
Ion Ratio Lower Upper
109 100
139 126.5 100.2 150.4
65 149.7 111.8 167.8

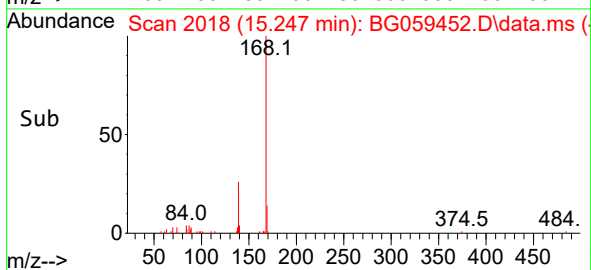
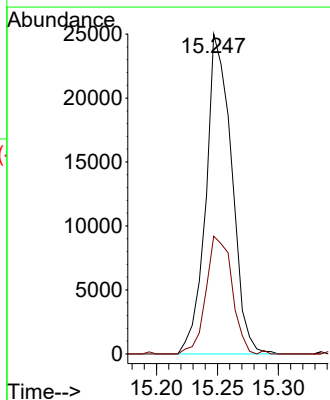
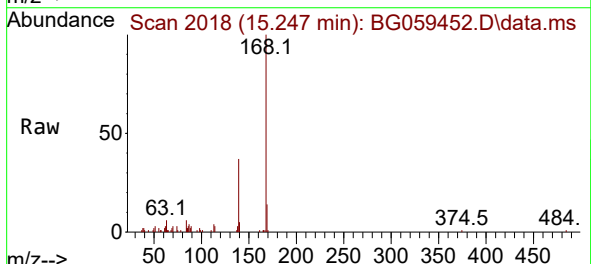
Manual Integrations
APPROVED

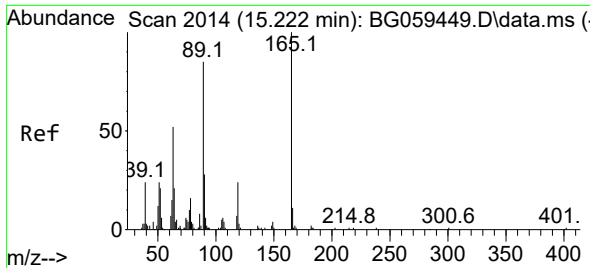
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 3.698 ng/ul
RT: 15.247 min Scan# 2018
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion:168 Resp: 36709
Ion Ratio Lower Upper
168 100
139 36.8 25.9 38.9





#57

2,4-Dinitrotoluene

Concen: 3.644 ng/ul

RT: 15.223 min Scan# 2014

Delta R.T. 0.005 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2023-04

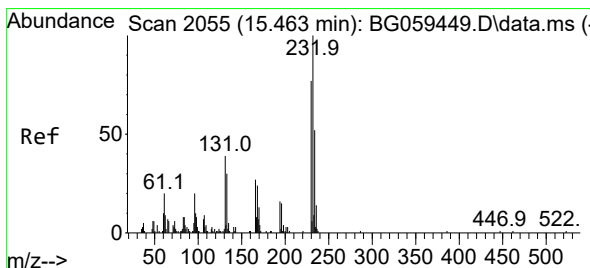
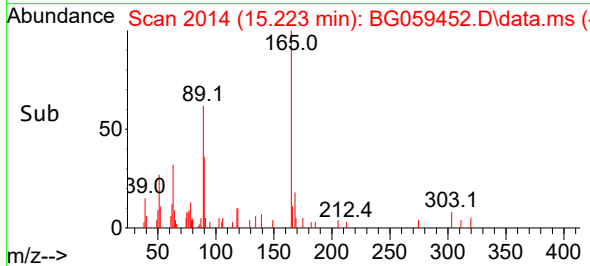
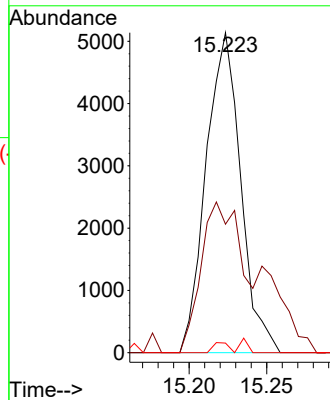
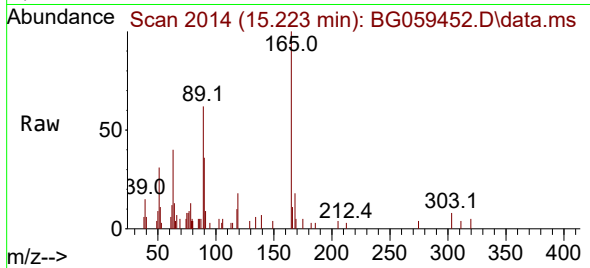
Tgt Ion:165 Resp: 796
 Ion Ratio Lower Upper
 165 100
 63 40.2 40.8 61.2
 182 3.0 1.4 2.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.207 ng/ul

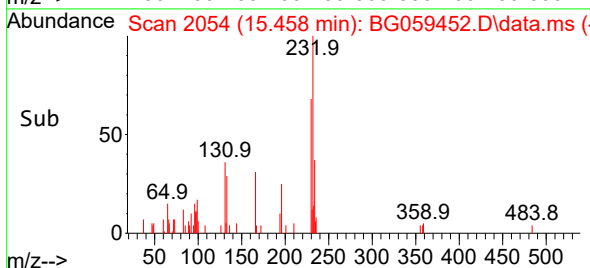
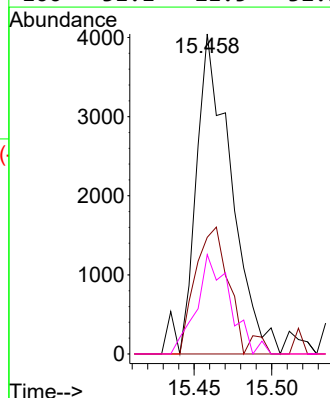
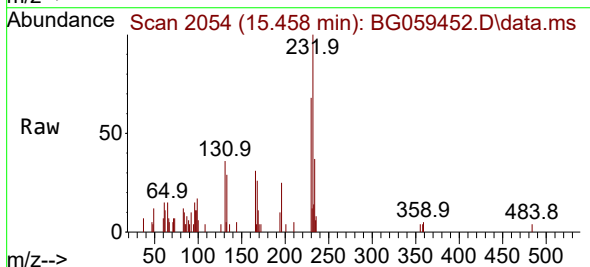
RT: 15.458 min Scan# 2054

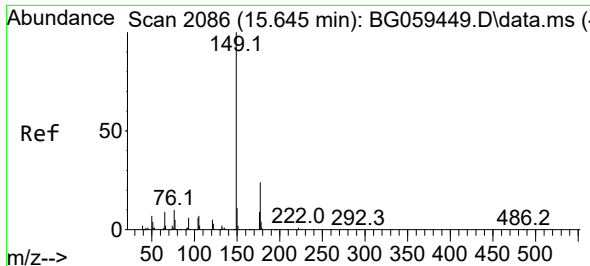
Delta R.T. -0.001 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

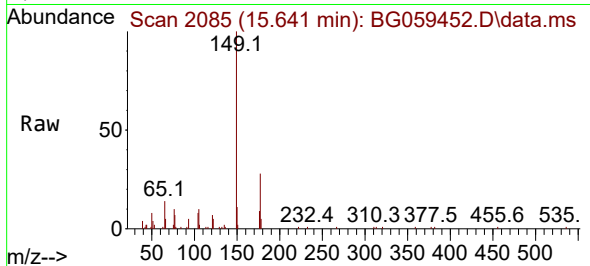
Tgt Ion:232 Resp: 6220
 Ion Ratio Lower Upper
 232 100
 131 36.5 30.2 45.2
 130 0.0 2.0 3.0
 166 31.1 21.5 32.3





#59
Diethylphthalate
Concen: 3.503 ng/ul
RT: 15.641 min Scan# 2086
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

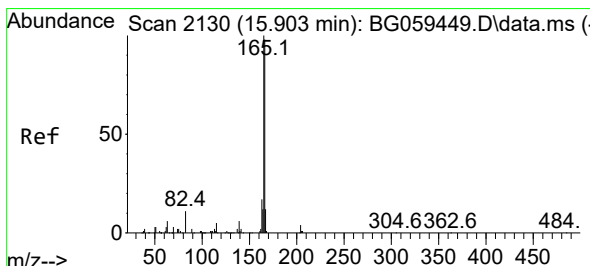
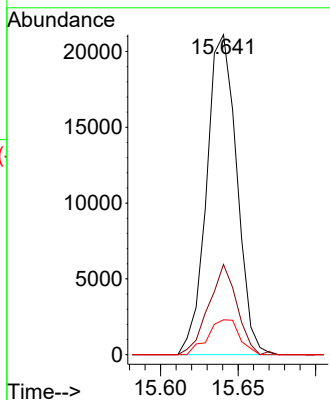
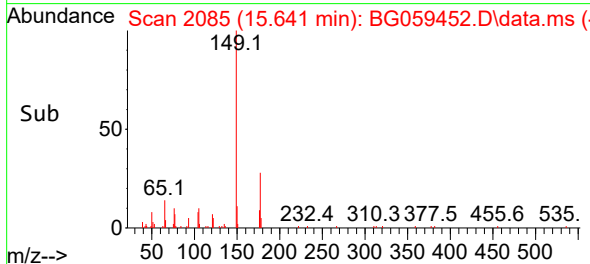
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04



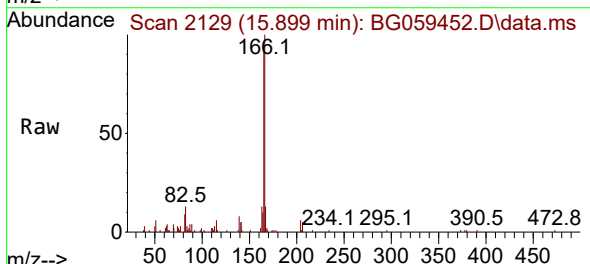
Tgt Ion:149 Resp: 2856
Ion Ratio Lower Upper
149 100
177 28.2 17.3 25.9
150 12.5 8.2 12.4

Manual Integrations
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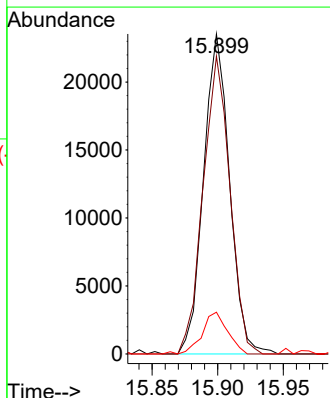
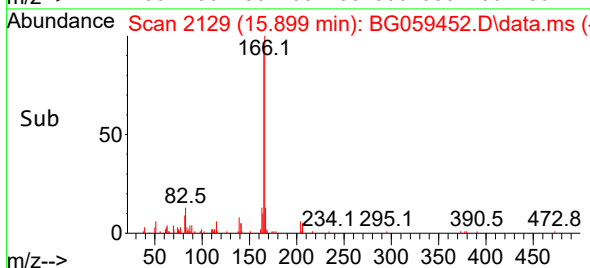
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

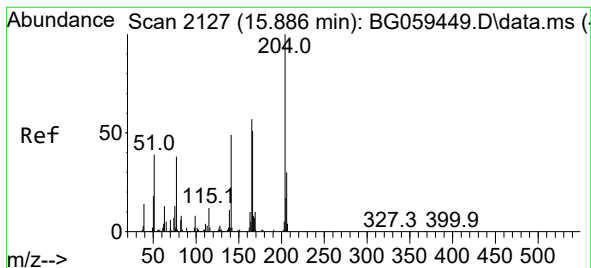


#61
Fluorene
Concen: 3.905 ng/ul
RT: 15.899 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30



Tgt Ion:166 Resp: 32521
Ion Ratio Lower Upper
166 100
165 93.1 75.6 113.4
167 13.0 9.9 14.9





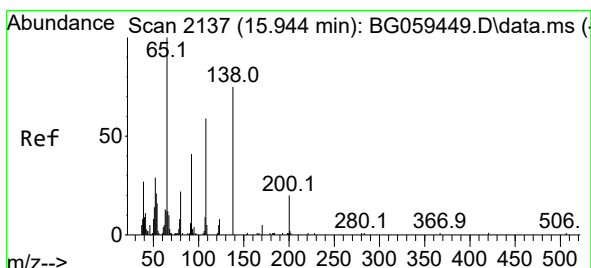
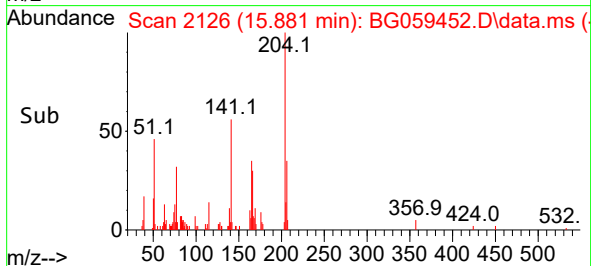
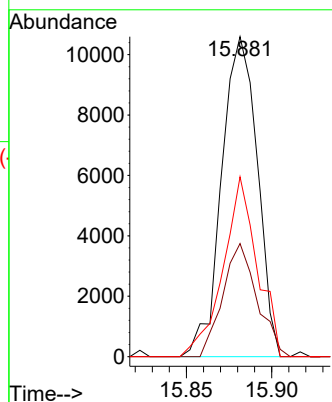
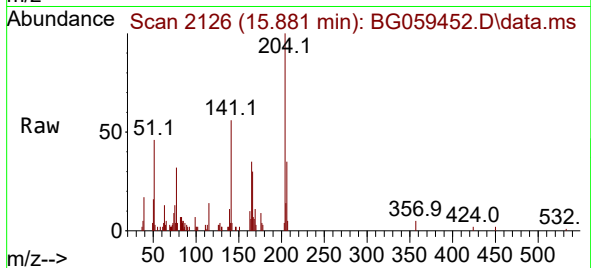
#62
4-Chlorophenyl-phenylether
Concen: 3.687 ng/ul
RT: 15.881 min Scan# 2127
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04

Tgt Ion:204 Resp: 1541
Ion Ratio Lower Upper
204 100
206 35.3 25.8 38.8
141 56.2 42.3 63.5

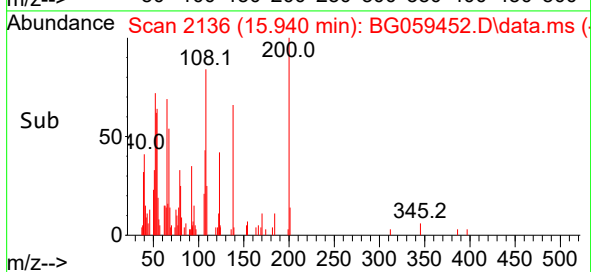
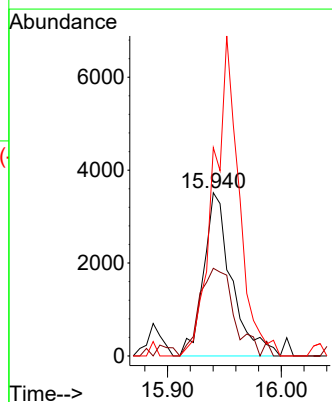
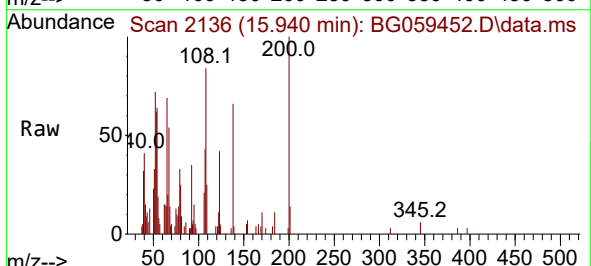
Manual Integrations
APPROVED

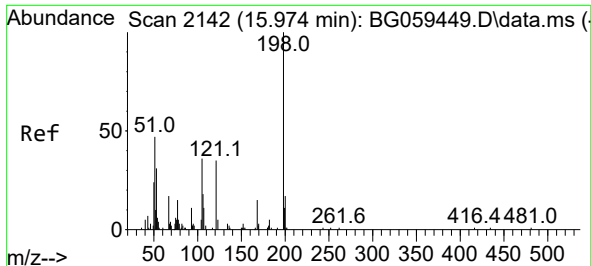
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#63
4-Nitroaniline
Concen: 3.747 ng/ul
RT: 15.940 min Scan# 2136
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

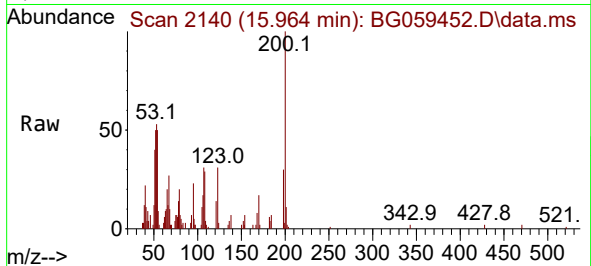
Tgt Ion:138 Resp: 5975
Ion Ratio Lower Upper
138 100
92 53.7 43.3 64.9
108 127.7 67.9 101.9#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.488 ng/ul
RT: 15.964 min Scan# 2142
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

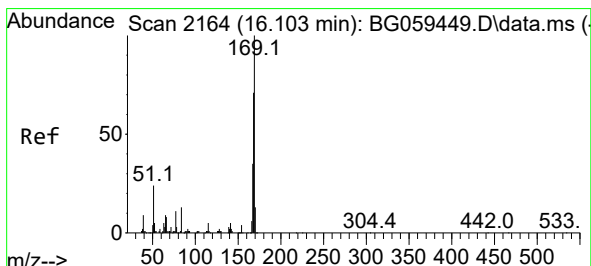
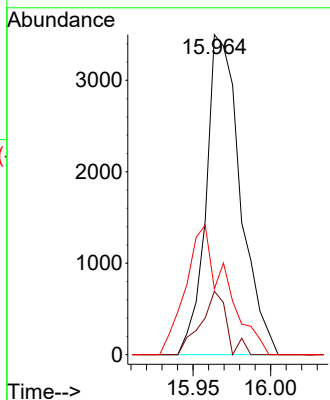
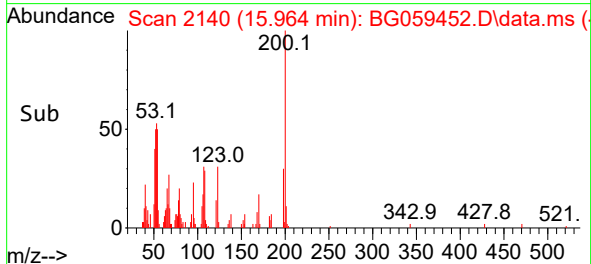
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:198 Resp: 5388
Ion Ratio Lower Upper
198 100
182 19.9 4.7 7.1
77 20.6 17.7 26.5

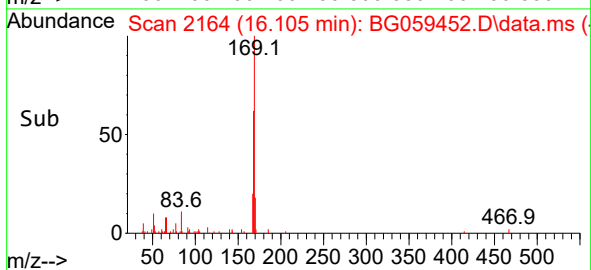
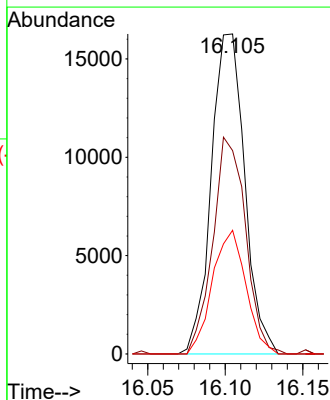
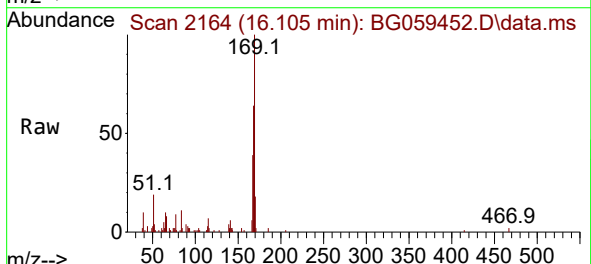
Manual Integrations
APPROVED

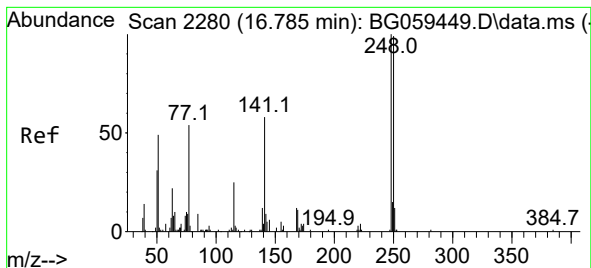
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 3.527 ng/ul
RT: 16.105 min Scan# 2164
Delta R.T. 0.005 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion:169 Resp: 24377
Ion Ratio Lower Upper
169 100
168 63.6 55.8 83.8
167 38.7 28.2 42.2





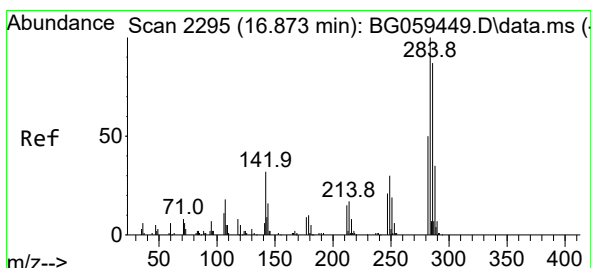
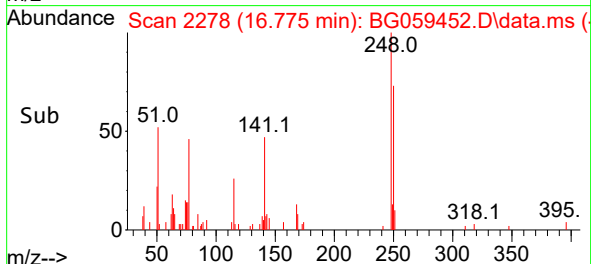
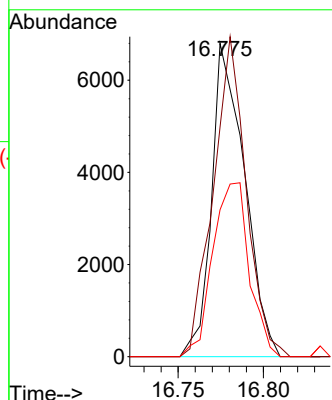
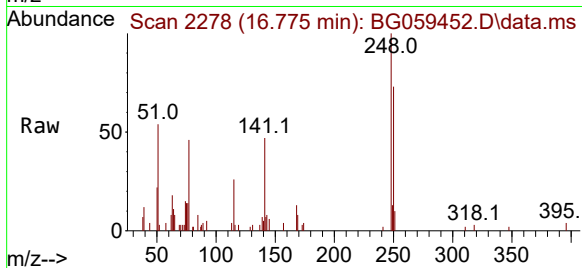
#68
4-Bromophenyl-phenylether
Concen: 3.525 ng/ul
RT: 16.775 min Scan# 211
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:248 Resp: 9130
Ion Ratio Lower Upper
248 100
250 73.3 74.6 111.8
141 46.9 44.3 66.5

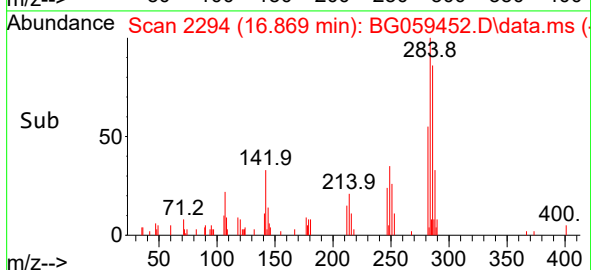
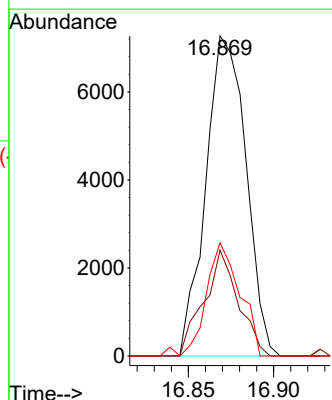
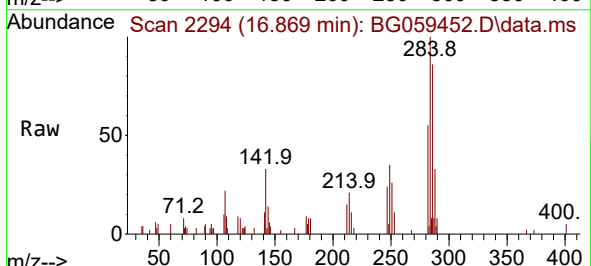
Manual Integrations
APPROVED

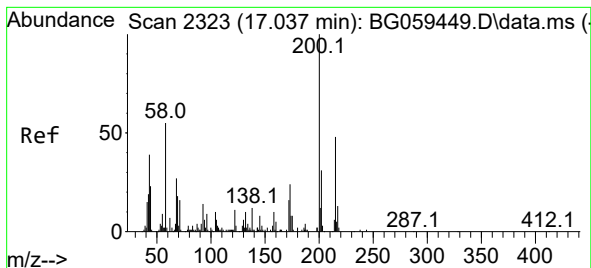
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 4.014 ng/ul
RT: 16.869 min Scan# 2294
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion:284 Resp: 11927
Ion Ratio Lower Upper
284 100
142 33.1 22.1 33.1
249 35.4 23.1 34.7#





#70

Atrazine

Concen: 3.916 ng/ul

RT: 17.033 min Scan# 2323

Delta R.T. -0.001 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2023-04

Tgt Ion:200 Resp: 1068

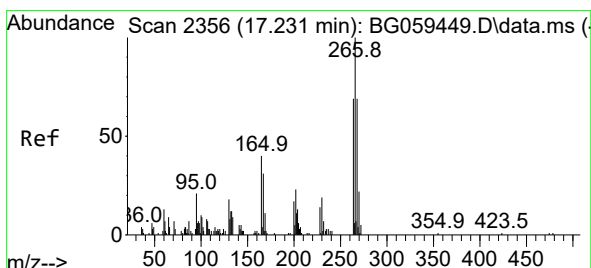
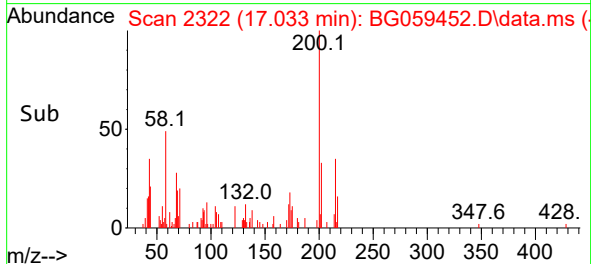
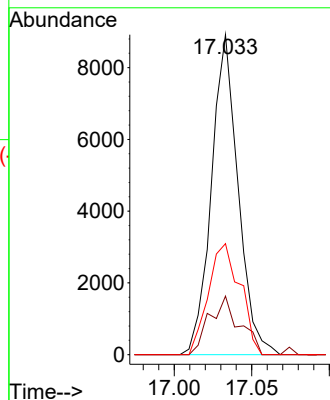
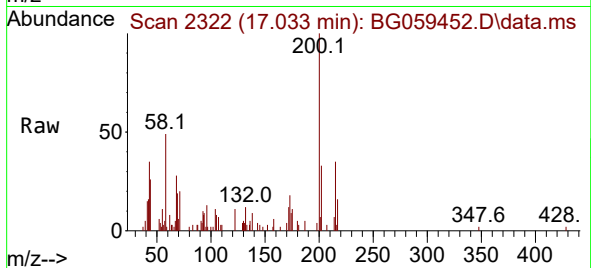
Ion	Ratio	Lower	Upper
200	100		
173	18.3	22.3	33.5
215	34.7	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#71

Pentachlorophenol

Concen: 4.826 ng/ul m

RT: 17.233 min Scan# 2356

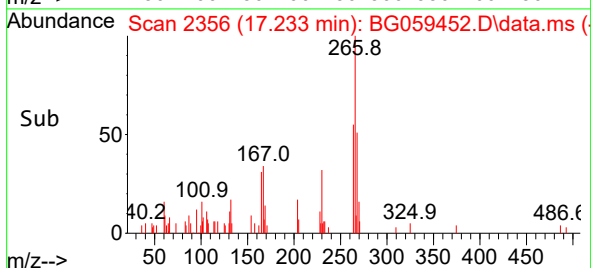
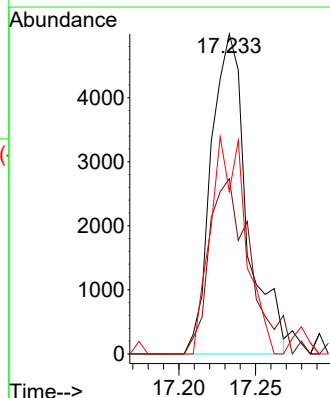
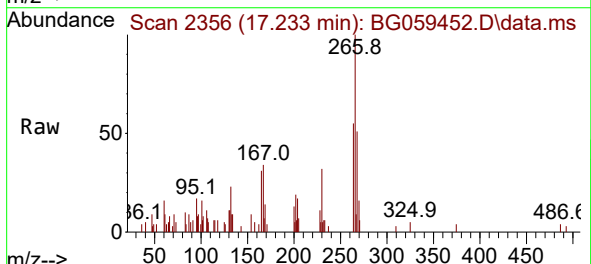
Delta R.T. 0.005 min

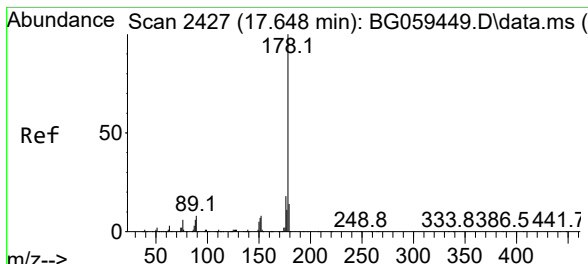
Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Tgt Ion:266 Resp: 8128

Ion	Ratio	Lower	Upper
266	100		
264	54.7	47.9	71.9
268	50.8	50.0	75.0





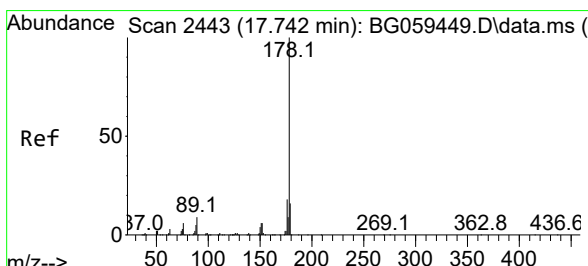
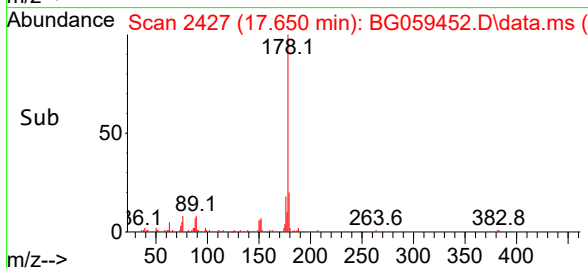
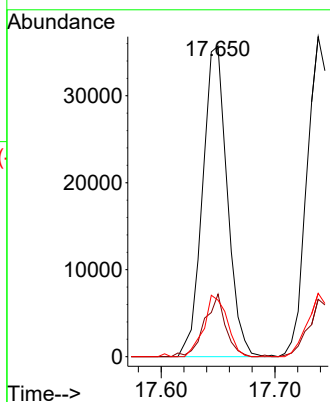
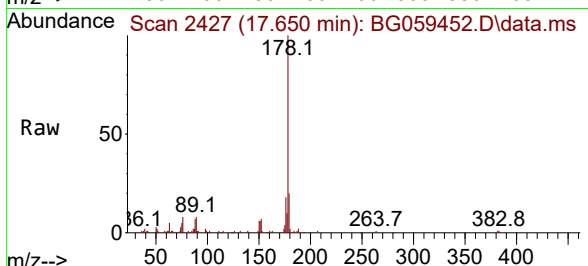
#72
Phenanthrene
Concen: 3.658 ng/ul
RT: 17.650 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04

Tgt Ion:178	Resp: 5378
Ion Ratio	Lower Upper
178	100
179	20.1 11.0 16.4
176	18.2 15.1 22.7

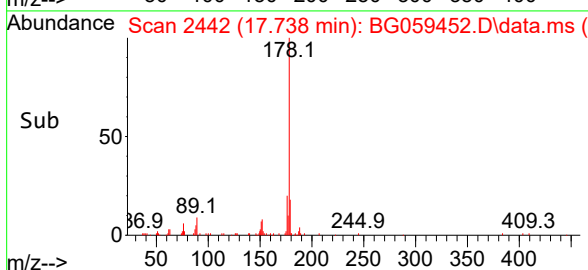
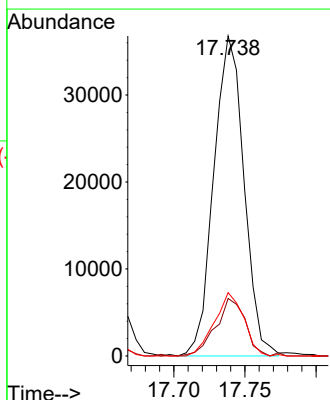
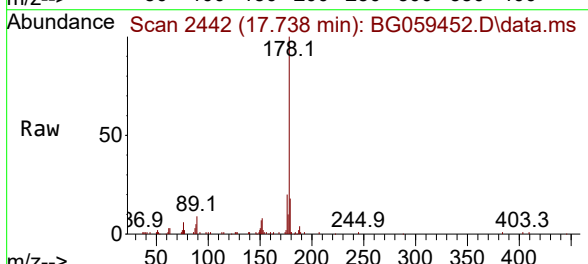
Manual Integrations
APPROVED

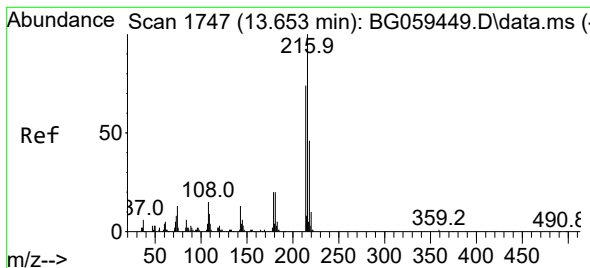
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 3.588 ng/ul
RT: 17.738 min Scan# 2442
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion:178	Resp: 54378
Ion Ratio	Lower Upper
178	100
179	17.9 12.2 18.2
176	19.8 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.272 ng/uL

RT: 13.649 min Scan# 1114

Delta R.T. -0.001 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2023-04

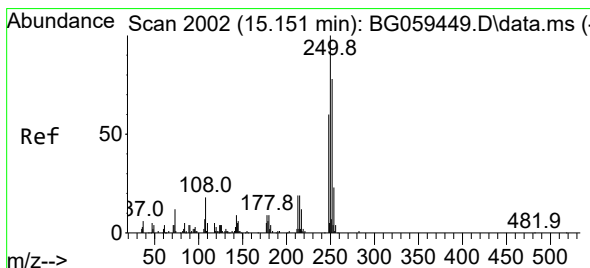
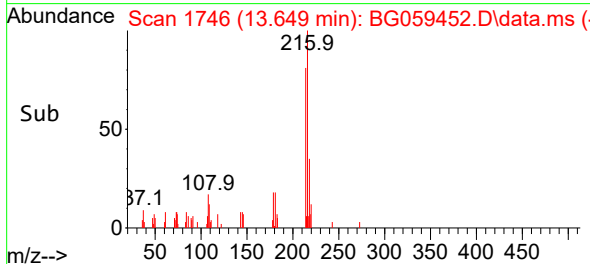
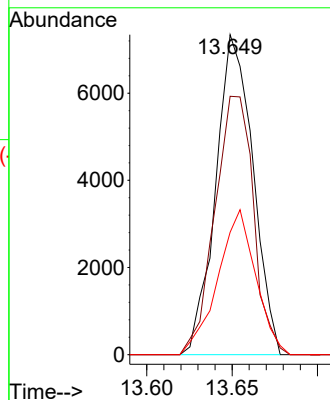
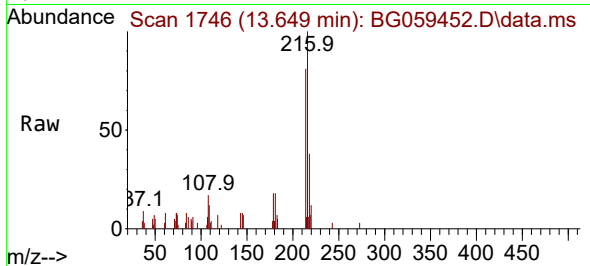
Tgt Ion:	216	Resp:	1114
Ion Ratio	Lower	Upper	
216	100		
214	80.8	62.1	93.1
218	38.3	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#76

Pentachlorobenzene

Concen: 3.918 ng/uL

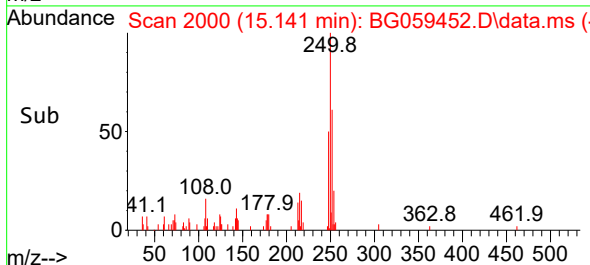
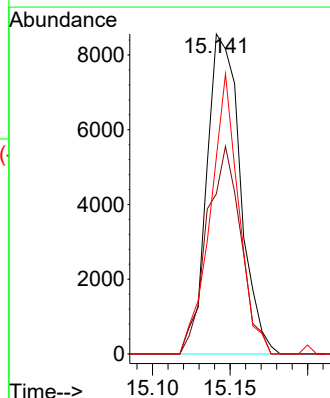
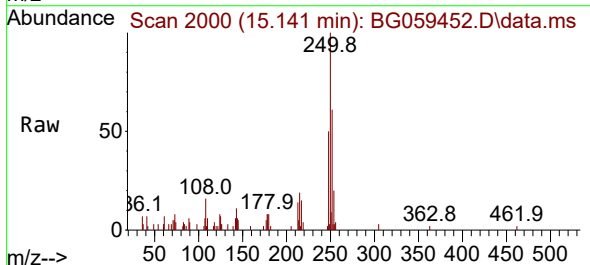
RT: 15.141 min Scan# 2000

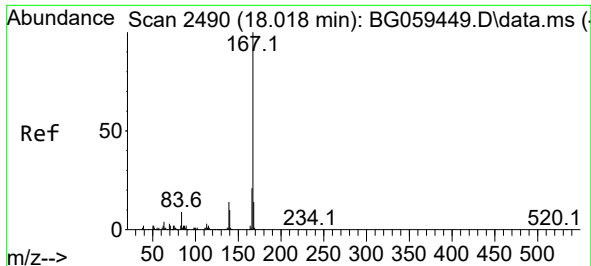
Delta R.T. -0.007 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

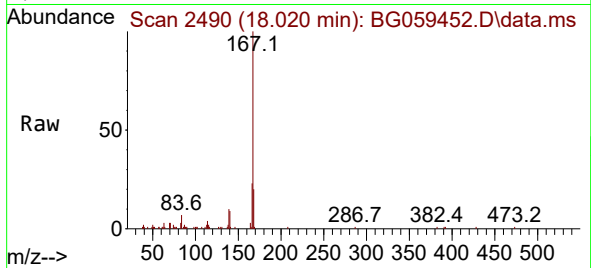
Tgt Ion:	250	Resp:	12908
Ion Ratio	Lower	Upper	
250	100		
248	48.9	50.6	75.8#
252	56.5	56.4	84.6





#77
 Carbazole
 Concen: 3.390 ng/ul
 RT: 18.020 min Scan# 2490
 Delta R.T. 0.005 min
 Lab File: BG059452.D
 Acq: 16 Oct 2023 11:30

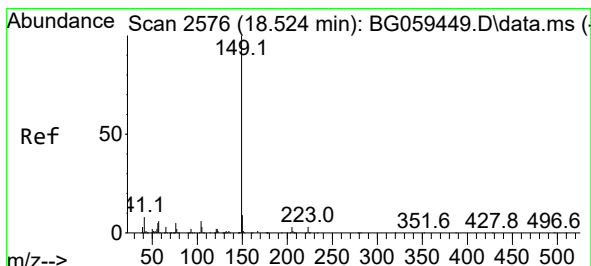
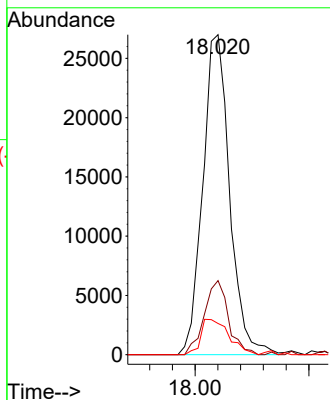
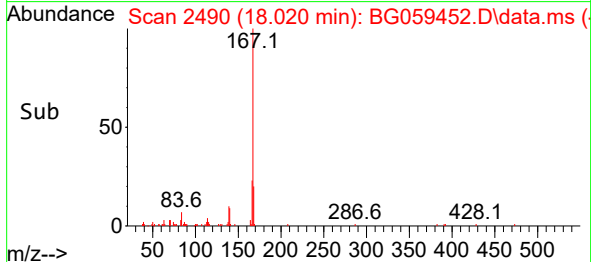
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT2-2023-04



Tgt Ion:167 Resp: 44210
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.4 26.0
 139 9.8 9.0 13.6

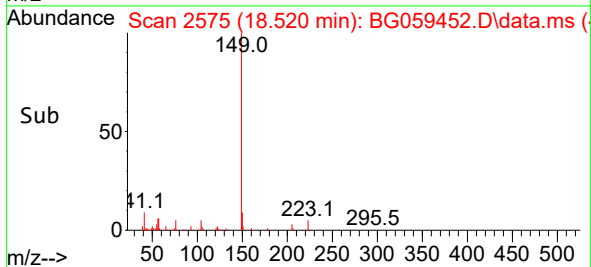
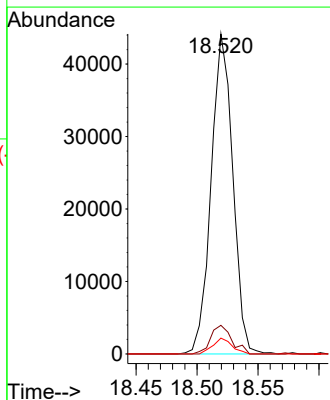
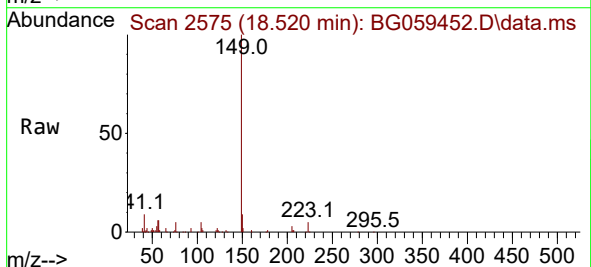
Manual Integrations
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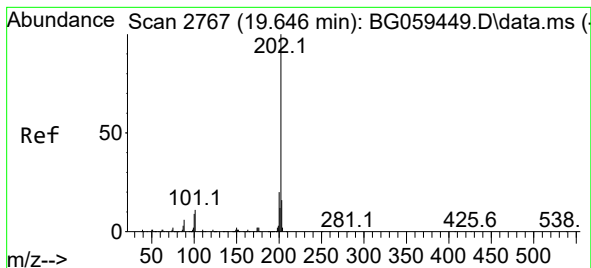
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#78
 Di-n-butylphthalate
 Concen: 3.685 ng/ul
 RT: 18.520 min Scan# 2575
 Delta R.T. -0.001 min
 Lab File: BG059452.D
 Acq: 16 Oct 2023 11:30

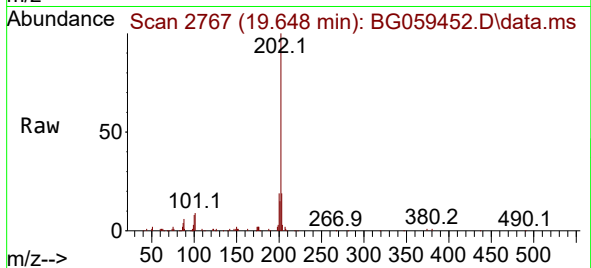
Tgt Ion:149 Resp: 54692
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.9 3.7 5.5





#80
Fluoranthene
Concen: 3.534 ng/ul
RT: 19.648 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

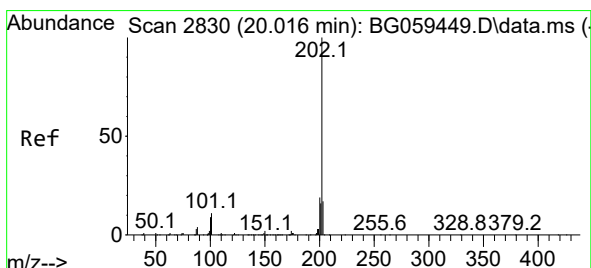
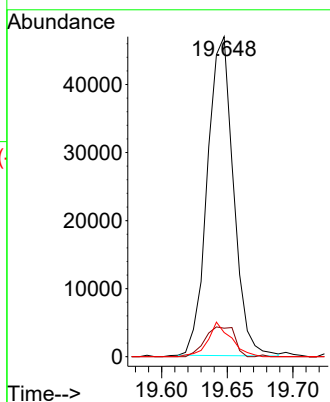
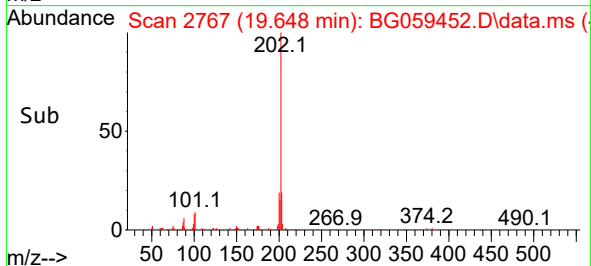
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



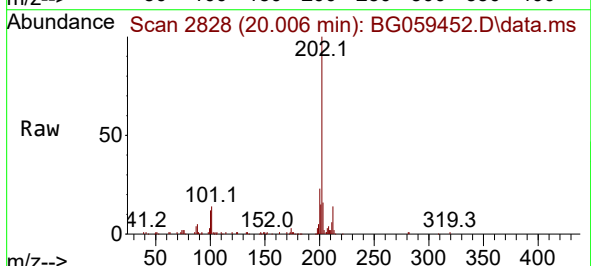
Tgt Ion:202 Resp: 6473
Ion Ratio Lower Upper
202 100
101 8.9 8.9 13.3
100 7.5 8.3 12.5

Manual Integrations
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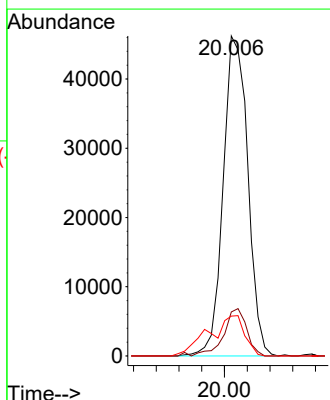
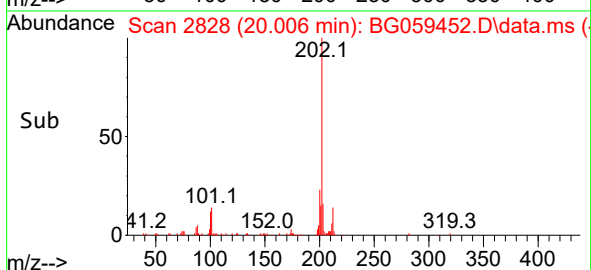
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

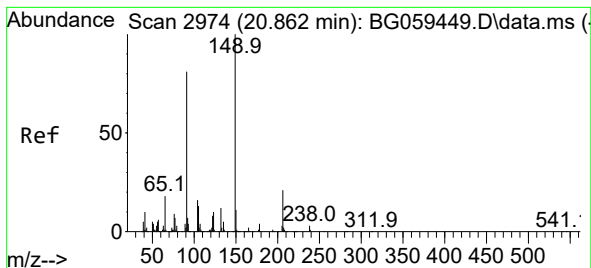


#82
Pyrene
Concen: 3.567 ng/ul
RT: 20.006 min Scan# 2828
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30



Tgt Ion:202 Resp: 69429
Ion Ratio Lower Upper
202 100
101 13.7 9.5 14.3
100 12.5 9.8 14.8





#83

Butylbenzylphthalate

Concen: 3.500 ng/ul

RT: 20.864 min Scan# 2974

Delta R.T. -0.001 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2023-04

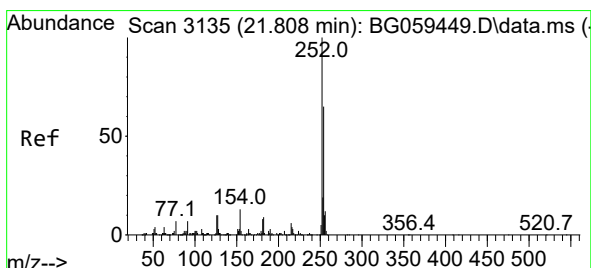
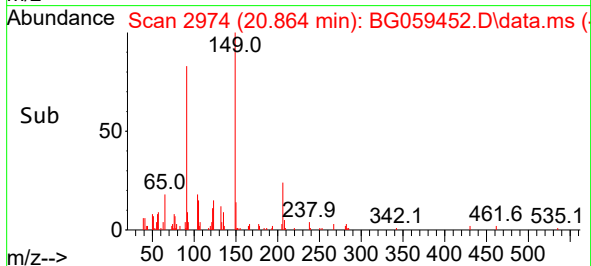
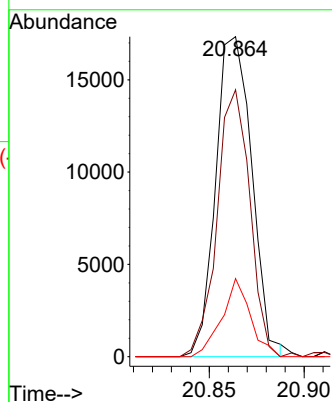
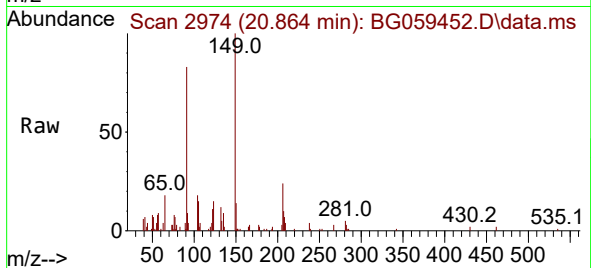
Tgt Ion:	149	Resp:	23008
Ion Ratio	Lower	Upper	
149	100		
91	83.4	66.4	99.6
206	24.4	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.422 ng/ul

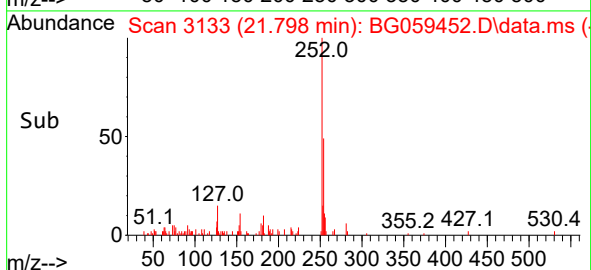
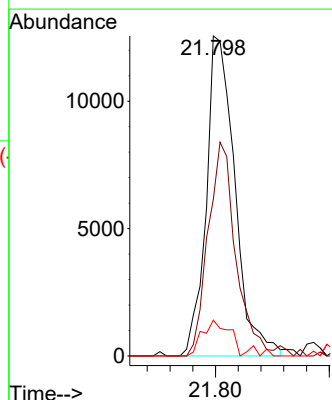
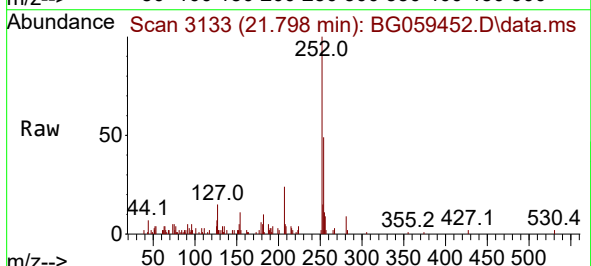
RT: 21.798 min Scan# 3133

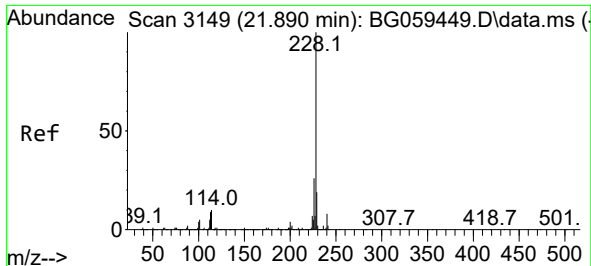
Delta R.T. -0.007 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

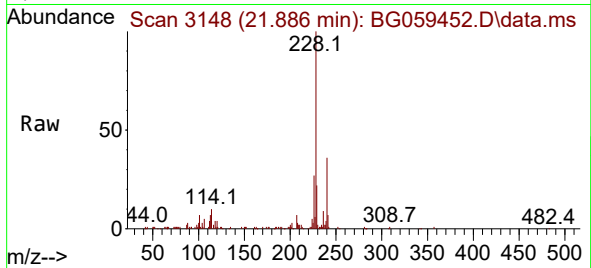
Tgt Ion:	252	Resp:	22026
Ion Ratio	Lower	Upper	
252	100		
254	49.0	53.8	80.6
126	11.2	8.6	12.8





#85
Benzo(a)anthracene
Concen: 3.562 ng/ul
RT: 21.886 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

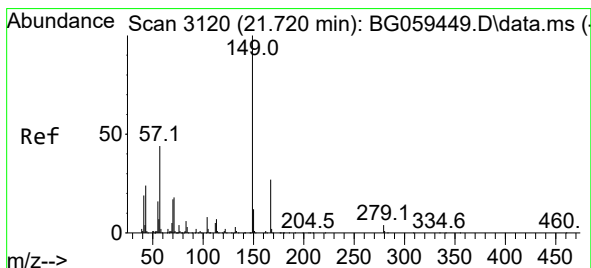
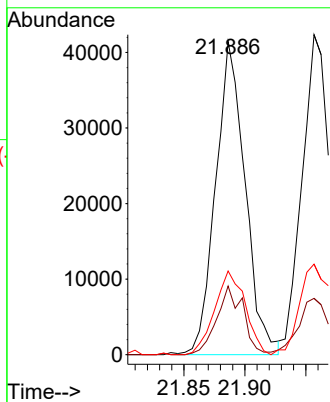
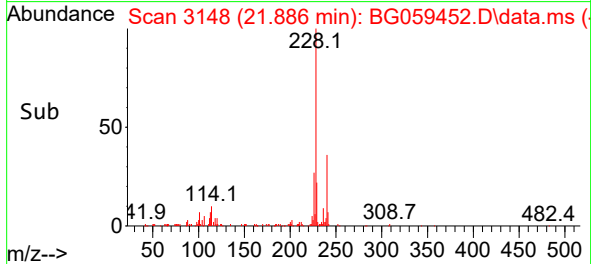
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04



Tgt Ion:228 Resp: 69768
Ion Ratio Lower Upper
228 100
229 21.9 15.0 22.4
226 26.7 20.8 31.2

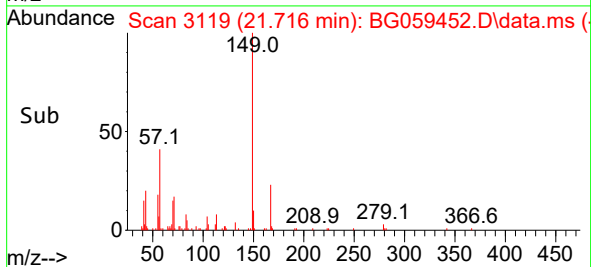
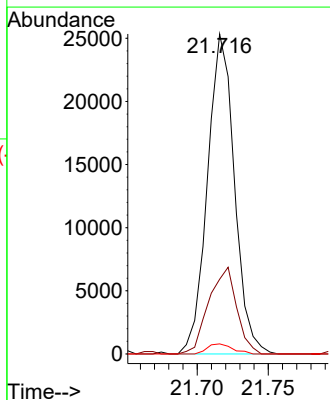
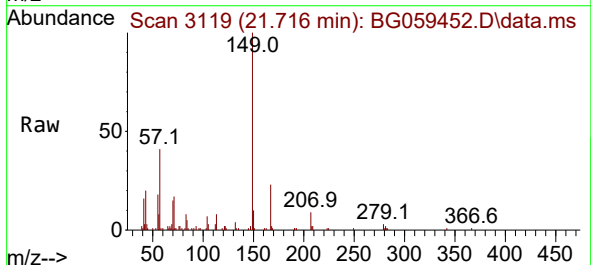
Manual Integrations
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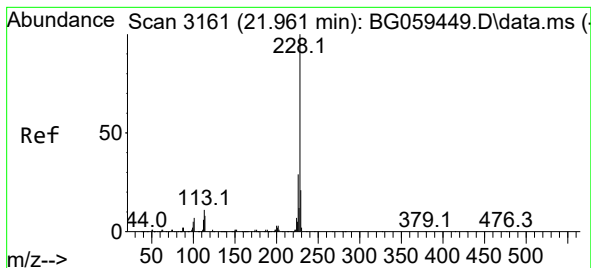
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.528 ng/ul
RT: 21.716 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

Tgt Ion:149 Resp: 33445
Ion Ratio Lower Upper
149 100
167 23.3 20.8 31.2
279 3.2 2.7 4.1





#87

Chrysene

Concen: 3.694 ng/ul

RT: 21.957 min Scan# 3161

Delta R.T. -0.001 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT2-2023-04

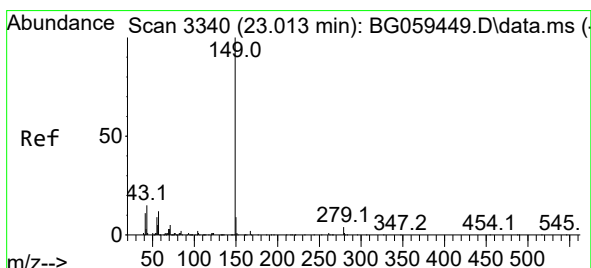
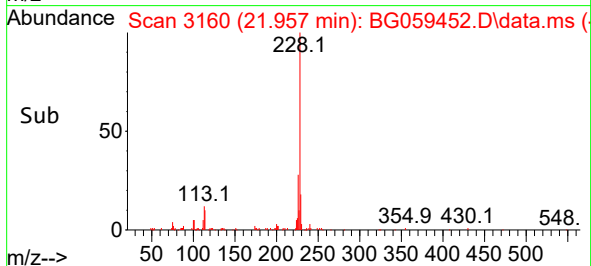
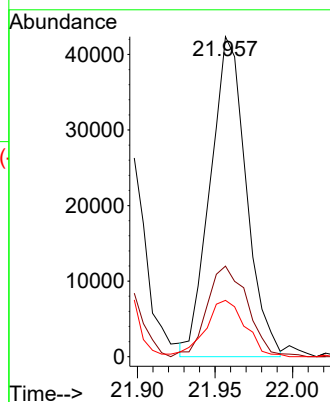
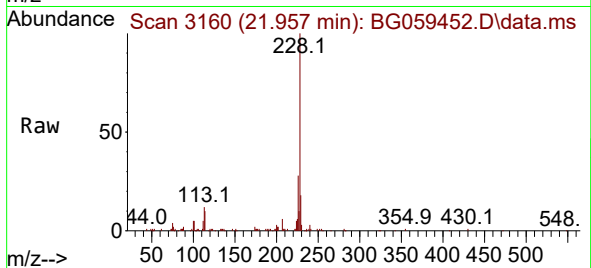
Tgt Ion:228 Resp: 68172
 Ion Ratio Lower Upper
 228 100
 226 28.3 23.0 34.6
 229 17.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 3.314 ng/ul

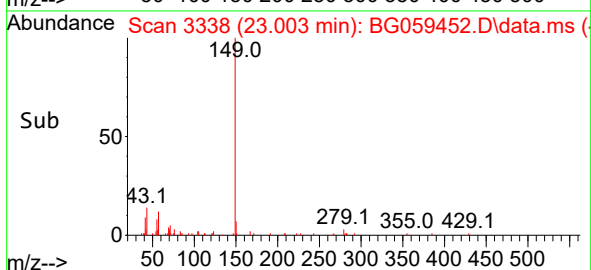
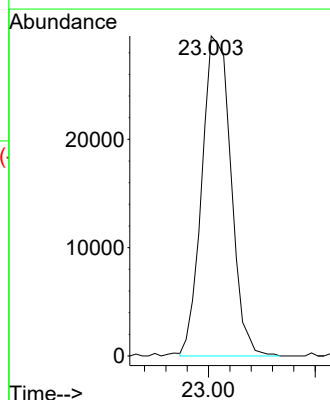
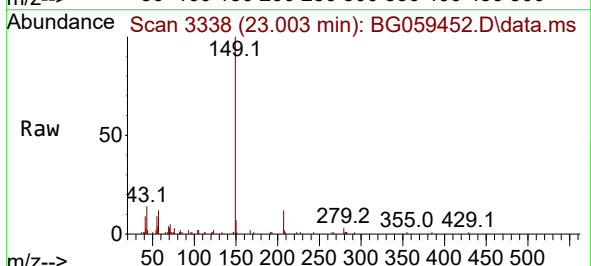
RT: 23.003 min Scan# 3338

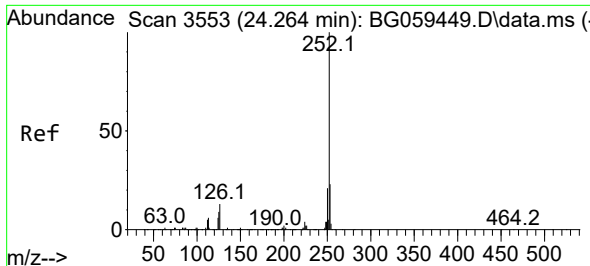
Delta R.T. -0.001 min

Lab File: BG059452.D

Acq: 16 Oct 2023 11:30

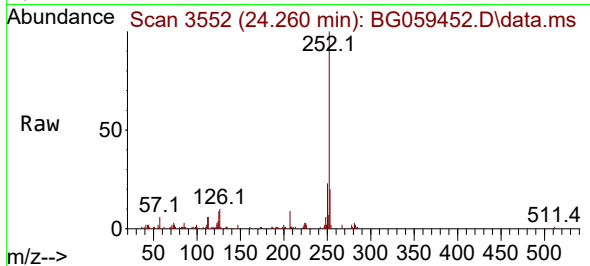
Tgt Ion:149 Resp: 55970





#90
Benzo(b)fluoranthene
Concen: 3.764 ng/ul
RT: 24.260 min Scan# 3553
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

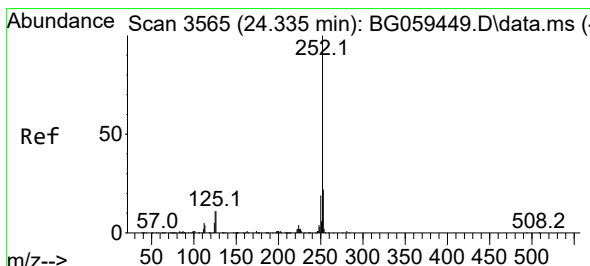
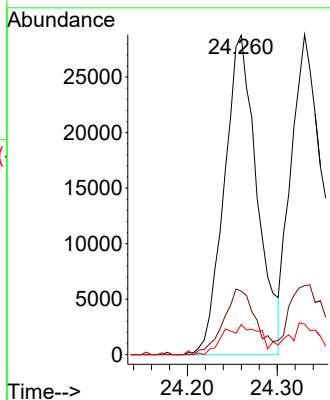
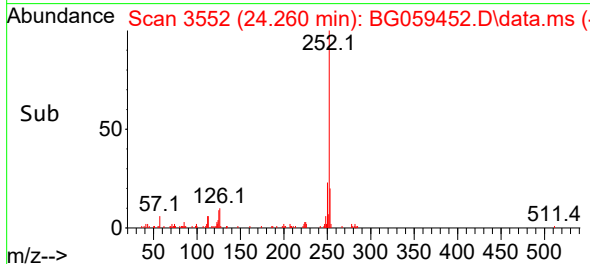
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT2-2023-04



Tgt Ion:252 Resp: 72970
Ion Ratio Lower Upper
252 100
253 19.9 16.8 25.2
125 9.5 6.9 10.3

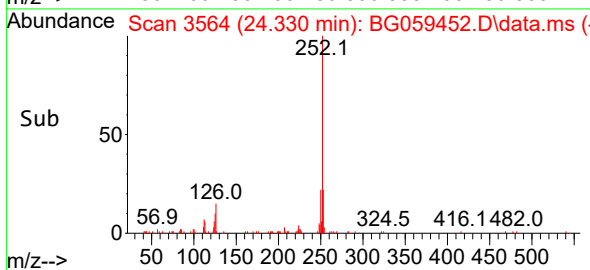
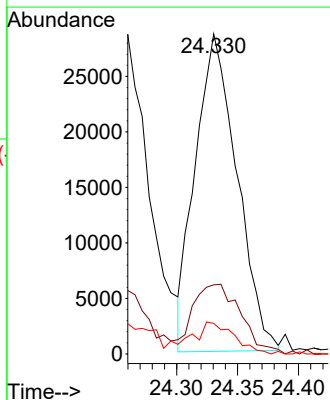
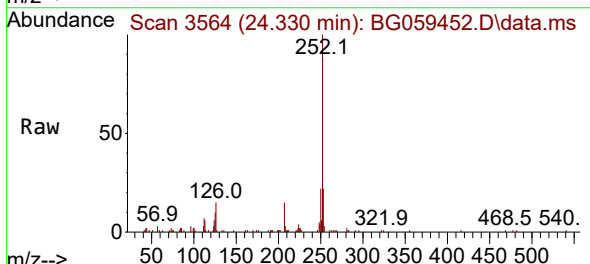
Manual Integrations
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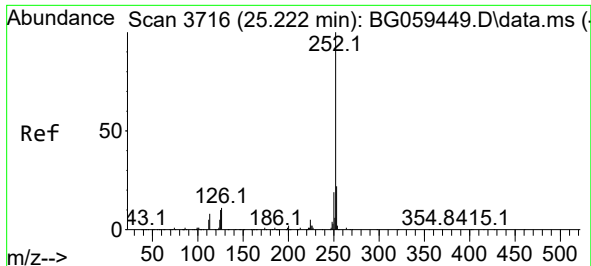
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 3.415 ng/ul
RT: 24.330 min Scan# 3564
Delta R.T. -0.001 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

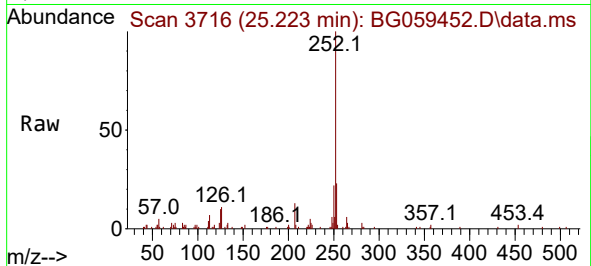
Tgt Ion:252 Resp: 67872
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.6 6.9 10.3





#93
Benzo(a)pyrene
Concen: 3.699 ng/ul
RT: 25.223 min Scan# 3716
Delta R.T. 0.005 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

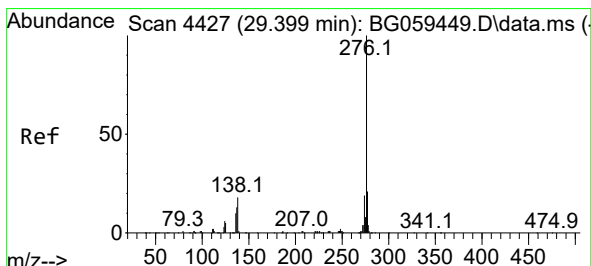
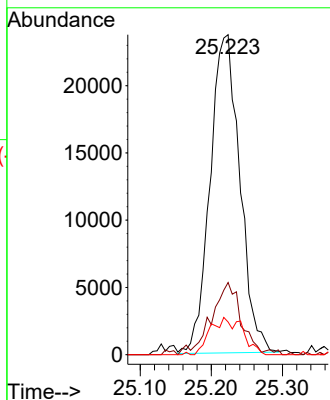
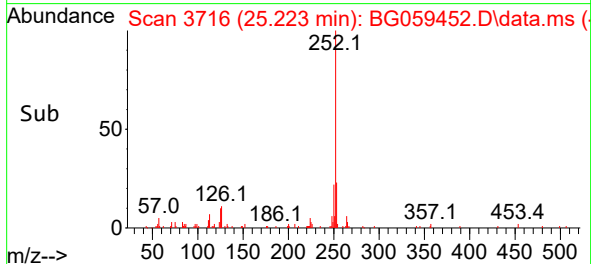
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



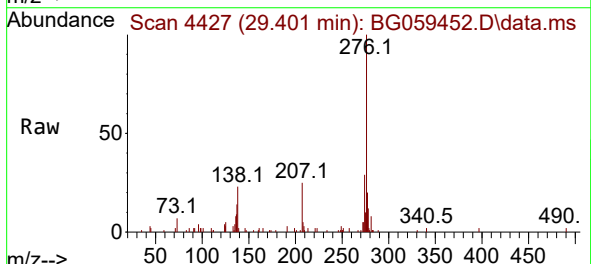
Tgt Ion:252 Resp: 68772
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.2 8.6 12.8

Manual Integrations
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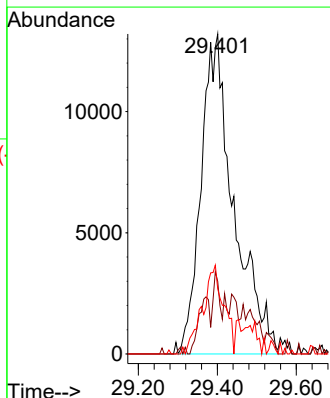
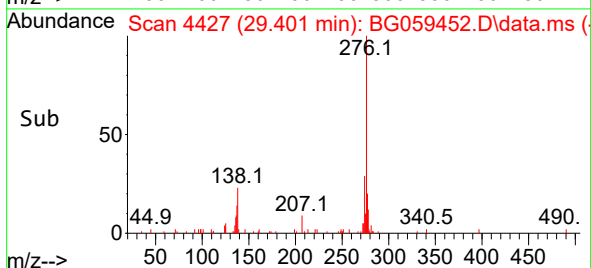
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

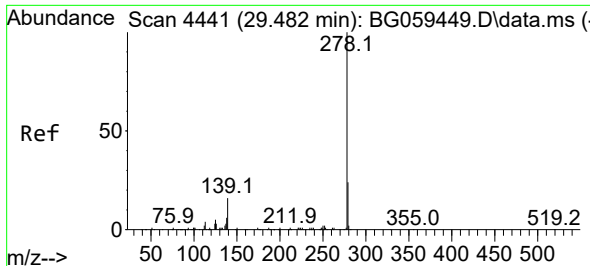


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.633 ng/ul m
RT: 29.401 min Scan# 4427
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30



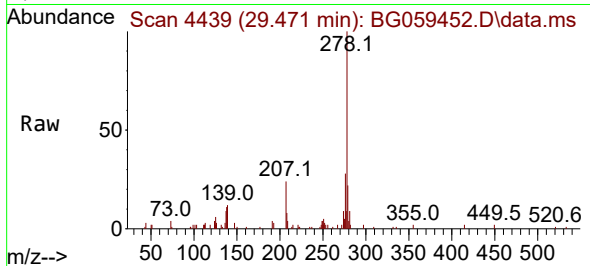
Tgt Ion:276 Resp: 75952
Ion Ratio Lower Upper
276 100
138 22.7 13.4 20.2#
277 20.4 18.7 28.1





#95
Dibenzo(a,h)anthracene
Concen: 3.515 ng/ul m
RT: 29.471 min Scan# 4441
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30

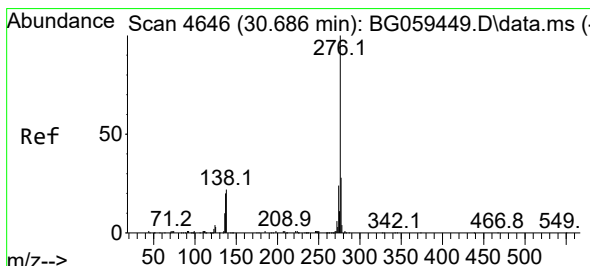
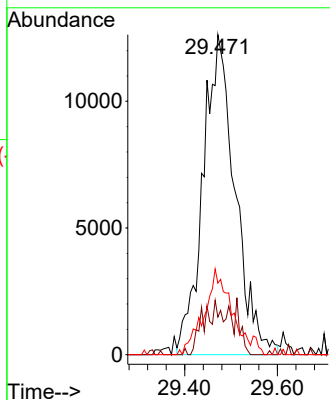
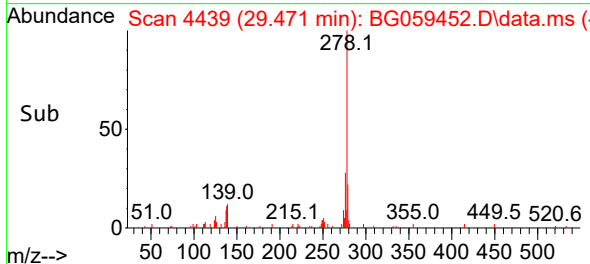
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT2-2023-04



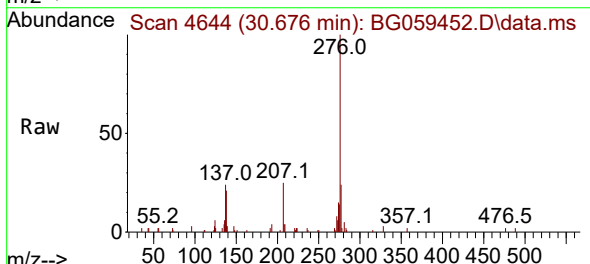
Tgt Ion:278 Resp: 60738
Ion Ratio Lower Upper
278 100
139 11.8 12.1 18.1
279 22.3 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#96
Benzo(g,h,i)perylene
Concen: 3.625 ng/ul m
RT: 30.676 min Scan# 4644
Delta R.T. -0.007 min
Lab File: BG059452.D
Acq: 16 Oct 2023 11:30



Tgt Ion:276 Resp: 61529
Ion Ratio Lower Upper
276 100
138 20.9 16.5 24.7
277 23.9 12.9 19.3

