

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
 Data File : BG059458.D
 Acq On : 16 Oct 2023 15:46
 Operator : MA/JU
 Sample : 03573-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-05

Quant Time: Oct 17 03:46:45 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	31064	20.000	ng/ul	0.00
20) Naphthalene-d8	11.064	136	144798	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.859	164	95233	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.603	188	220373	20.000	ng/ul	0.00
79) Chrysene-d12	21.910	240	230015	20.000	ng/ul	0.00
88) Perylene-d12	25.382	264	260169	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.514	96	5581	5.634	ng/uL	0.00
4) Pyridine-d5	3.948	84	111941	41.289	ng/ul	0.00
7) Phenol-d5	7.344	99	84791	24.930	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	50347	25.973	ng/ul	0.00
11) 2-Chlorophenol-d4	7.732	132	62999	26.031	ng/ul	0.00
15) 4-Methylphenol-d8	8.907	113	60343	23.268	ng/ul	0.00
21) Nitrobenzene-d5	9.419	128	31679	26.492	ng/ul	0.00
24) 2-Nitrophenol-d4	10.135	143	34822	29.831	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.658	165	56425	23.261	ng/ul	0.00
31) 4-Chloroaniline-d4	11.205	131	88500	22.989	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	203726	25.249	ng/ul	0.00
49) Acenaphthylene-d8	14.554	160	238164	24.480	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	31527	22.621	ng/ul	0.00
60) Fluorene-d10	15.840	176	226403	29.810	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.958	200	40070	29.758	ng/ul	0.00
73) Anthracene-d10	17.703	188	282888	24.968	ng/ul	0.00
81) Pyrene-d10	19.977	212	351606	25.167	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.141	264	373621	26.231	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.549	88	1442	1.170	ng/uL#	87
5) Pyridine	3.972	79	17668	6.598	ng/ul#	72
6) Benzaldehyde	7.362	77	8383	5.606	ng/ul#	79
8) Phenol	7.374	94	12904	3.808	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.632	93	11252	4.236	ng/ul	86
12) 2-Chlorophenol	7.768	128	10393	4.184	ng/ul	90
13) 2-Methylphenol	8.649	108	9626	3.874	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.737	45	23256	4.182	ng/ul#	93
16) Acetophenone	9.054	105	15510	3.984	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.019	70	7217	4.043	ng/ul#	92
18) 4-Methylphenol	8.978	108	9689	3.598	ng/ul	88
19) Hexachloroethane	9.301	117	4258	4.451	ng/ul#	68
22) Nitrobenzene	9.460	77	11864	4.447	ng/ul#	86
23) Isophorone	9.965	82	24053	4.245	ng/ul#	89
25) 2-Nitrophenol	10.165	139	5611	4.395	ng/ul#	84
26) 2,4-Dimethylphenol	10.188	107	10002m	3.742	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.447	93	14151	3.909	ng/ul#	91
29) 2,4-Dichlorophenol	10.694	162	9474	4.053	ng/ul#	82
30) Naphthalene	11.111	128	36125	4.145	ng/ul#	91
32) 4-Chloroaniline	11.228	127	15416	4.265	ng/ul	98
33) Hexachlorobutadiene	11.340	225	7225	4.672	ng/ul#	88
34) Caprolactam	12.004	113	3917m	4.744	ng/ul	
35) 4-Chloro-3-methylphenol	12.303	107	8557	3.583	ng/ul	93
36) 2-Methylnaphthalene	12.697	142	21865	3.888	ng/ul	98

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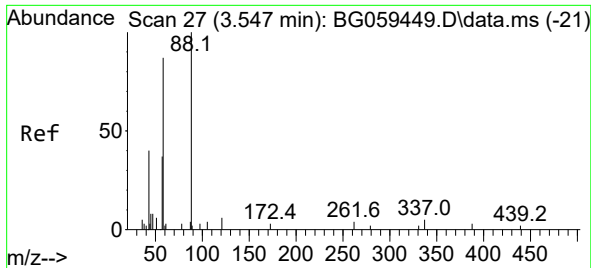
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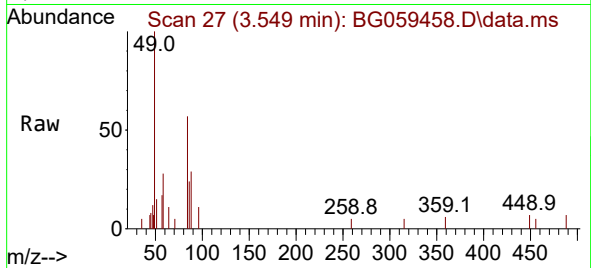
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.914	142	23486	4.102	ng/ul	83
39) 1,2,4,5-Tetrachloroben...	13.044	216	12084	3.929	ng/ul#	89
40) Hexachlorocyclopentadiene	12.991	237	8701	4.891	ng/ul	88
41) 2,4,6-Trichlorophenol	13.285	196	6558	3.469	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.361	196	8173	3.929	ng/ul	95
43) 1,1'-Biphenyl	13.690	154	32578	3.825	ng/ul	94
44) 2-Chloronaphthalene	13.743	162	25449	3.905	ng/ul	97
45) 2-Nitroaniline	13.966	65	6397	3.695	ng/ul#	85
47) Dimethylphthalate	14.295	163	32755	4.051	ng/ul#	97
48) 2,6-Dinitrotoluene	14.442	165	5570	3.740	ng/ul#	88
50) Acenaphthylene	14.583	152	40528	3.942	ng/ul#	94
51) 3-Nitroaniline	14.783	138	5403	3.423	ng/ul	81
52) Acenaphthene	14.918	153	27829	3.955	ng/ul	95
53) 2,4-Dinitrophenol	14.983	184	4970	6.307	ng/ul	98
55) 4-Nitrophenol	15.059	109	3530	3.601	ng/ul	93
56) Dibenzofuran	15.253	168	37089	3.899	ng/ul	89
57) 2,4-Dinitrotoluene	15.223	165	8932	4.264	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.464	232	9705	5.221	ng/ul#	82
59) Diethylphthalate	15.641	149	39746	5.086	ng/ul#	89
61) Fluorene	15.899	166	41002	5.137	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.882	204	19209	4.794	ng/ul	98
63) 4-Nitroaniline	15.940	138	7386	4.833	ng/ul#	57
66) 4,6-Dinitro-2-methylph...	15.970	198	6893	4.787	ng/ul#	75
67) N-Nitrosodiphenylamine	16.099	169	34654	5.380	ng/ul	93
68) 4-Bromophenyl-phenylether	16.780	248	10305	4.266	ng/ul	97
69) Hexachlorobenzene	16.869	284	12050	4.351	ng/ul	93
70) Atrazine	17.033	200	11078	4.358	ng/ul#	93
71) Pentachlorophenol	17.227	266	9081	5.786	ng/ul	87
72) Phenanthrene	17.644	178	57742	4.214	ng/ul	97
74) Anthracene	17.738	178	55720	3.945	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.649	216	11525	3.631	ng/uL#	81
76) Pentachlorobenzene	15.147	250	13964	4.547	ng/uL#	89
77) Carbazole	18.014	167	45834	3.771	ng/ul	97
78) Di-n-butylphthalate	18.520	149	57258	4.139	ng/ul	99
80) Fluoranthene	19.642	202	70879	4.177	ng/ul	99
82) Pyrene	20.006	202	74933	4.155	ng/ul#	93
83) Butylbenzylphthalate	20.864	149	24285	3.988	ng/ul	84
84) 3,3'-Dichlorobenzidine	21.798	252	30333	5.087	ng/ul#	84
85) Benzo(a)anthracene	21.886	228	77157	4.252	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.716	149	34158	3.889	ng/ul	91
87) Chrysene	21.957	228	70898	4.146	ng/ul	96
89) Di-n-octyl phthalate	23.008	149	58058	3.771	ng/ul	100
90) Benzo(b)fluoranthene	24.260	252	75575	4.277	ng/ul	94
91) Benzo(k)fluoranthene	24.325	252	73140	4.037	ng/ul	95
93) Benzo(a)pyrene	25.218	252	72225	4.262	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.383	276	79436m	4.169	ng/ul	
95) Dibenzo(a,h)anthracene	29.477	278	63559m	4.036	ng/ul	
96) Benzo(g,h,i)perylene	30.658	276	63627m	4.112	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.170 ng/uL
RT: 3.549 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

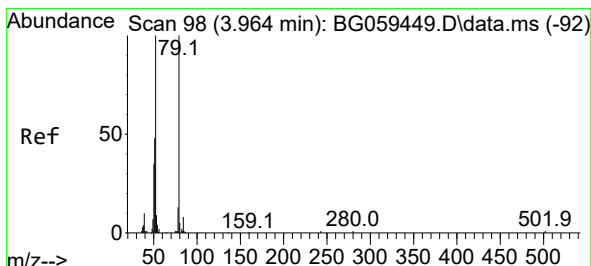
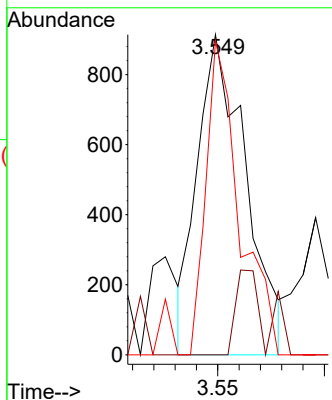
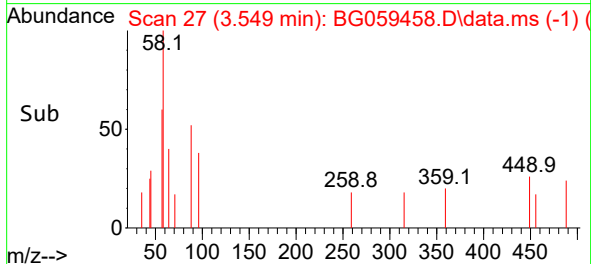
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion: 88 Resp: 144
Ion Ratio Lower Upper
88 100
43 0.0 21.7 32.5
58 98.0 80.7 121.1

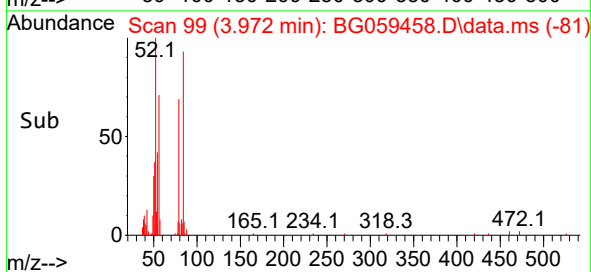
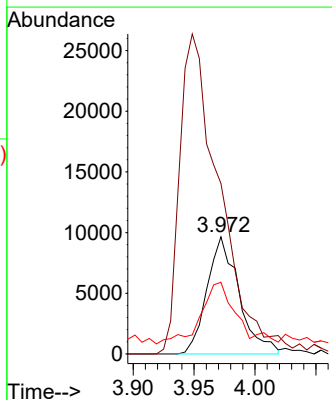
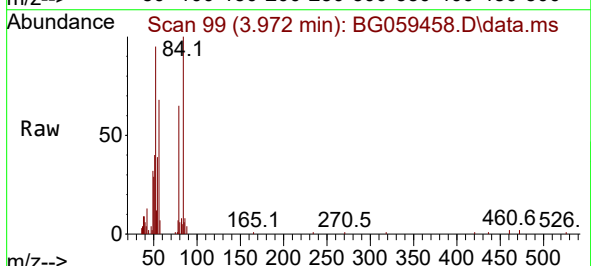
Manual Integrations
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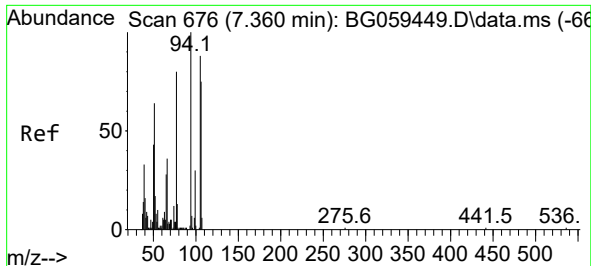
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 6.598 ng/uL
RT: 3.972 min Scan# 99
Delta R.T. 0.005 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

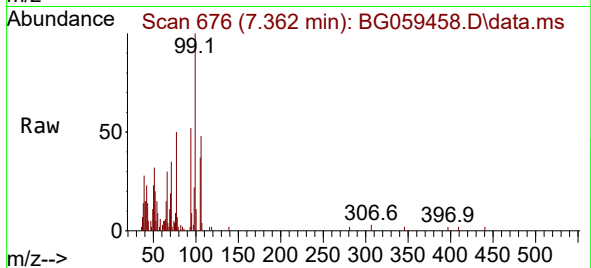
Tgt Ion: 79 Resp: 17668
Ion Ratio Lower Upper
79 100
52 145.7 87.2 130.8
51 61.2 41.9 62.9





#6
Benzaldehyde
Concen: 5.606 ng/ul
RT: 7.362 min Scan# 676
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

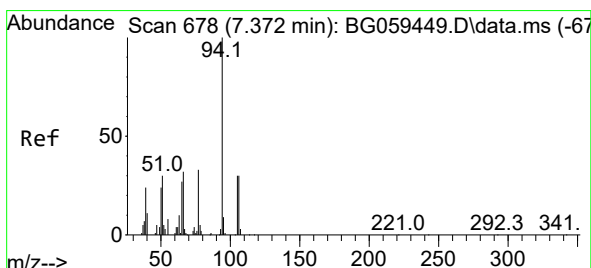
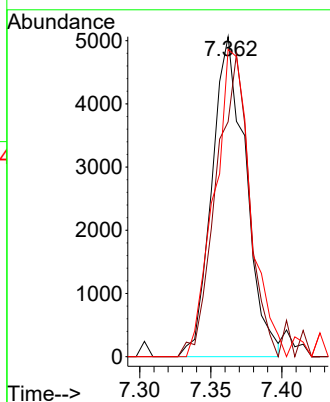
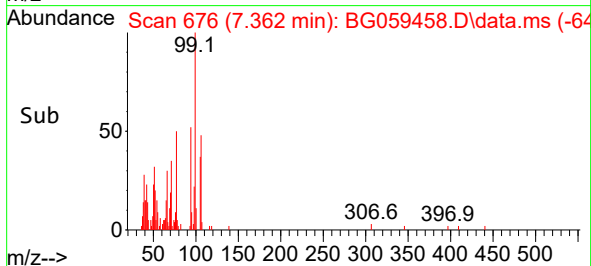
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion: 77 Resp: 838
Ion Ratio Lower Upper
77 100
105 73.4 90.0 135.0
106 96.0 80.3 120.5

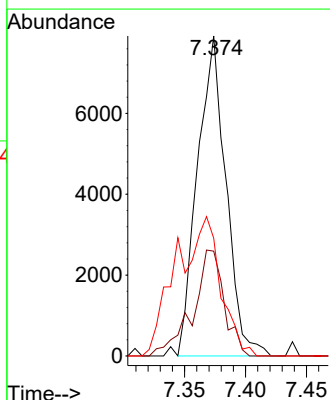
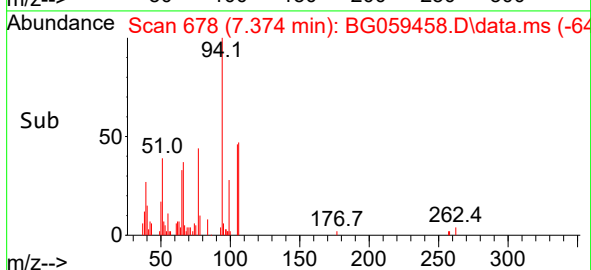
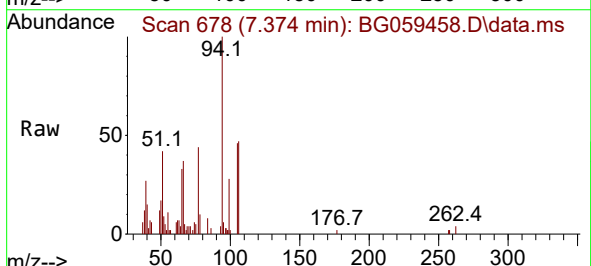
Manual Integrations
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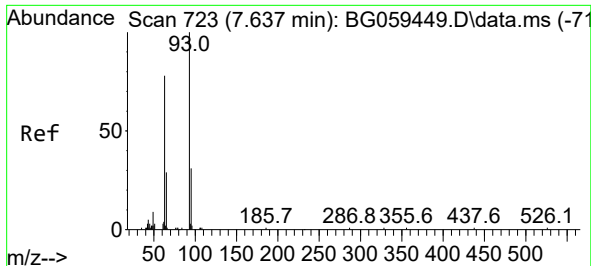
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 3.808 ng/ul
RT: 7.374 min Scan# 678
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

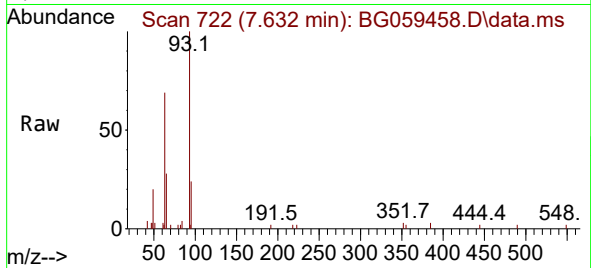
Tgt Ion: 94 Resp: 12904
Ion Ratio Lower Upper
94 100
65 32.7 20.9 31.3
66 36.8 31.1 46.7





#10
Bis(2-Chloroethyl)ether
Concen: 4.236 ng/ul
RT: 7.632 min Scan# 723
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

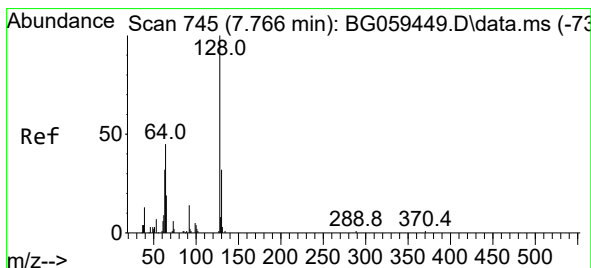
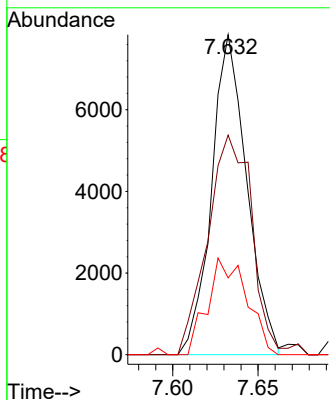
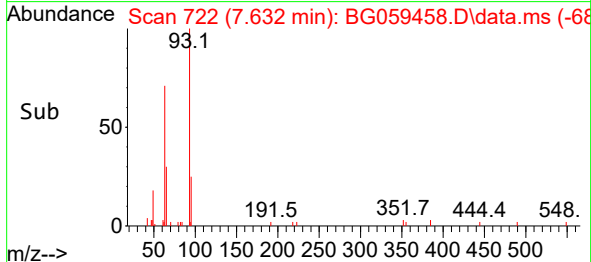
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion: 93 Resp: 1125
Ion Ratio Lower Upper
93 100
63 68.6 65.4 98.0
95 24.0 23.8 35.6

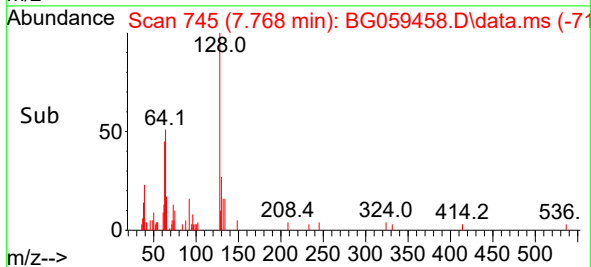
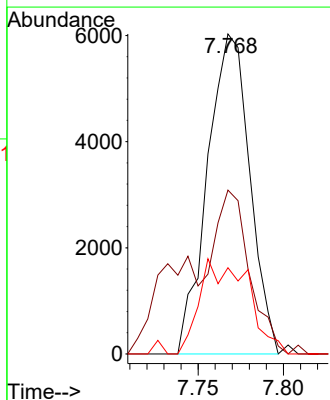
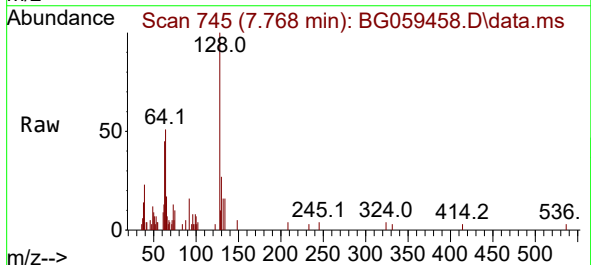
Manual Integrations
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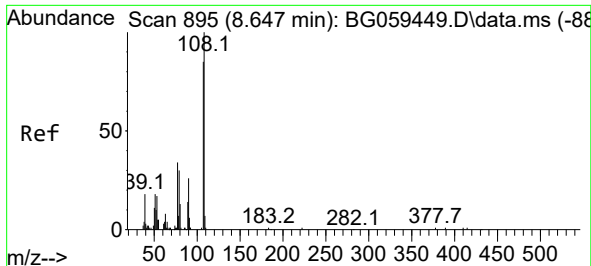
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 4.184 ng/ul
RT: 7.768 min Scan# 745
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Tgt Ion:128 Resp: 10393
Ion Ratio Lower Upper
128 100
64 51.2 35.6 53.4
130 27.0 26.2 39.4





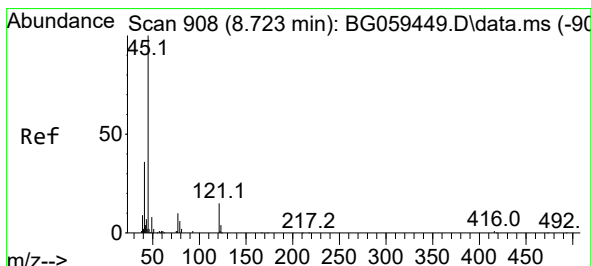
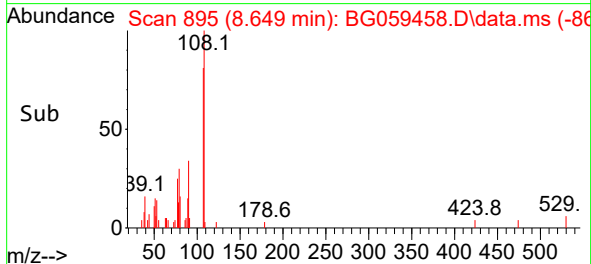
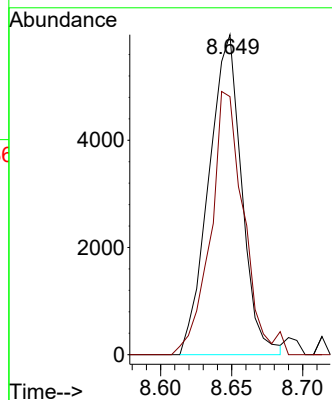
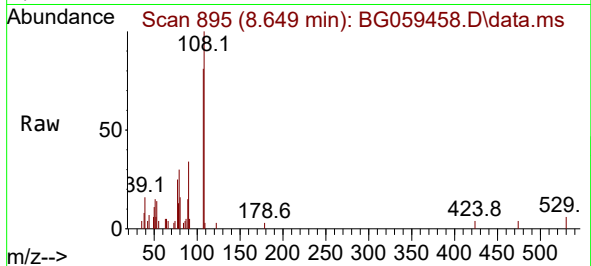
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2-Methylphenol
Concen: 3.874 ng/ul
RT: 8.649 min Scan# 895
Delta R.T. 0.005 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion: 108 Resp: 9620
Ion Ratio Lower Upper
108 100
107 80.7 65.9 98.9

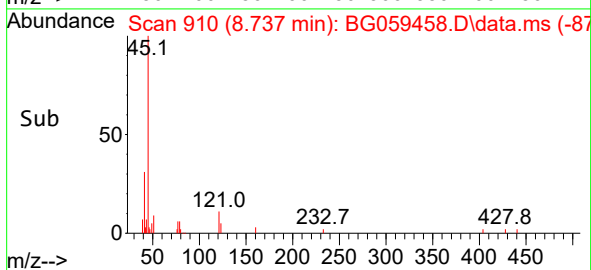
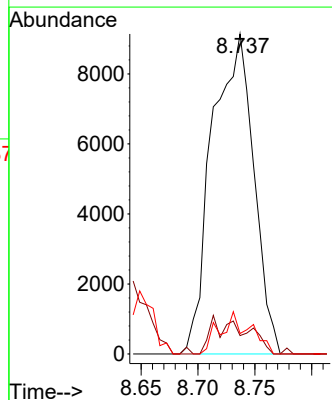
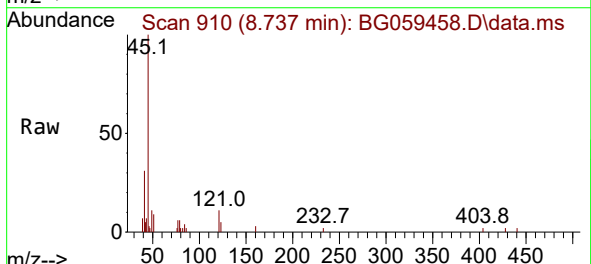
Manual Integrations
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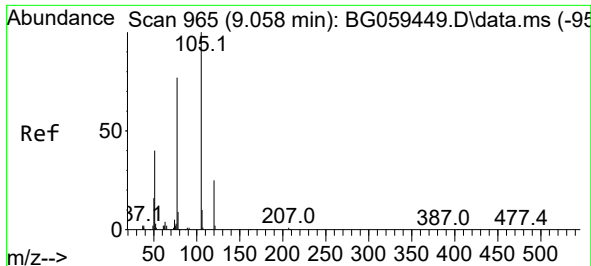
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.182 ng/ul
RT: 8.737 min Scan# 910
Delta R.T. 0.017 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Tgt Ion: 45 Resp: 23256
Ion Ratio Lower Upper
45 100
77 5.8 6.8 10.2#
79 6.4 3.8 5.8#





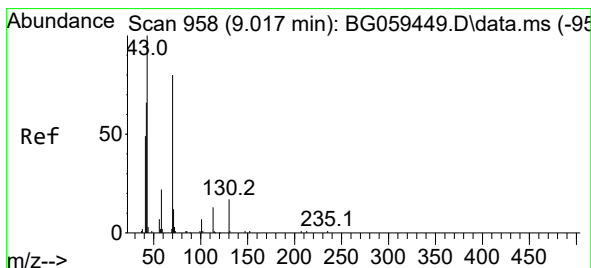
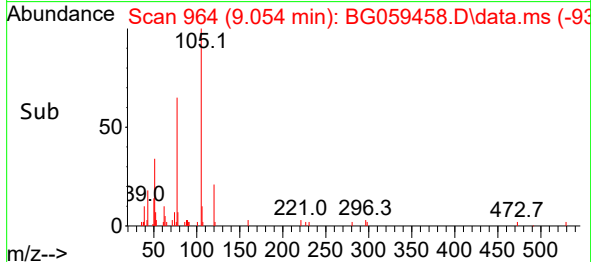
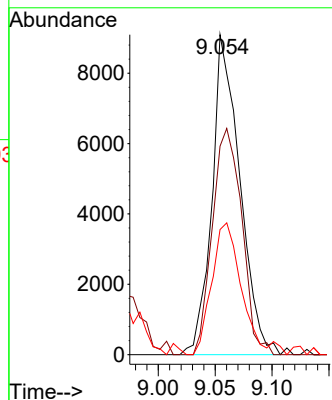
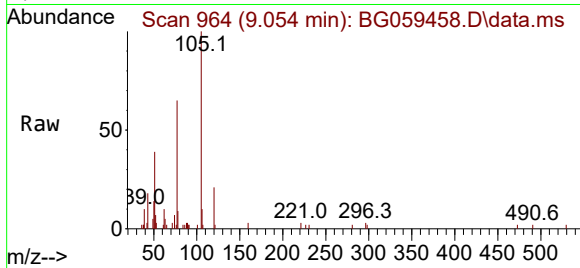
#16
Acetophenone
Concen: 3.984 ng/ul
RT: 9.054 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion: 105 Resp: 15510
Ion Ratio Lower Upper
105 100
77 65.1 57.7 86.5
51 39.1 29.7 44.5

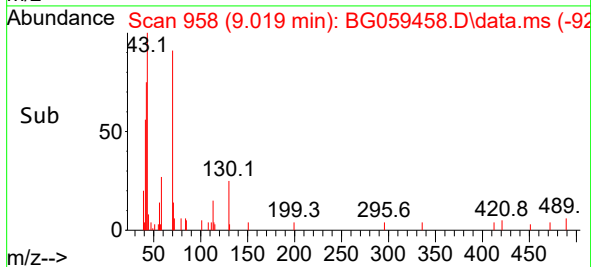
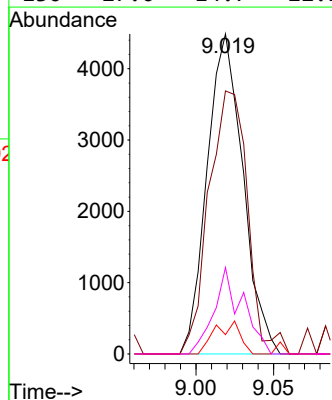
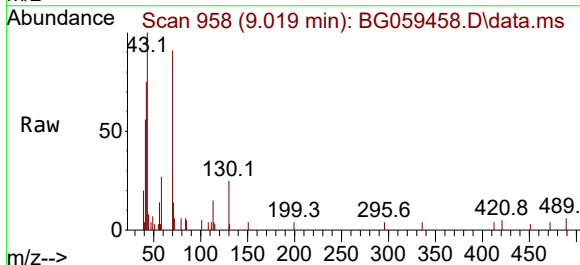
Manual Integrations
APPROVED

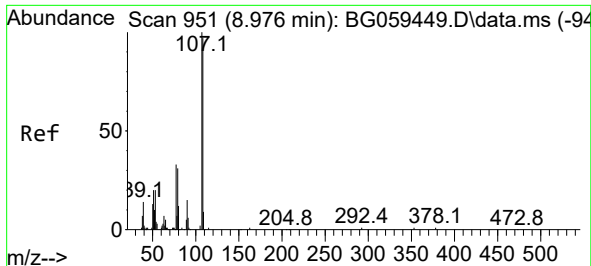
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.043 ng/ul
RT: 9.019 min Scan# 958
Delta R.T. -0.007 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

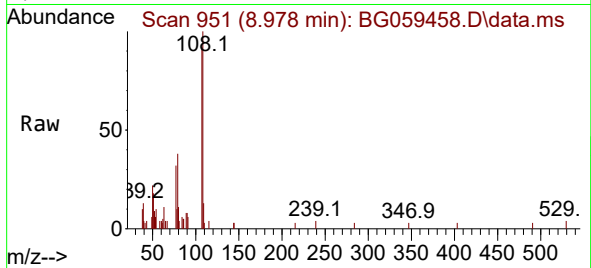
Tgt Ion: 70 Resp: 7217
Ion Ratio Lower Upper
70 100
42 82.2 70.0 105.0
101 6.0 7.2 10.8#
130 27.0 14.7 22.1#





#18
4-Methylphenol
Concen: 3.598 ng/ul
RT: 8.978 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

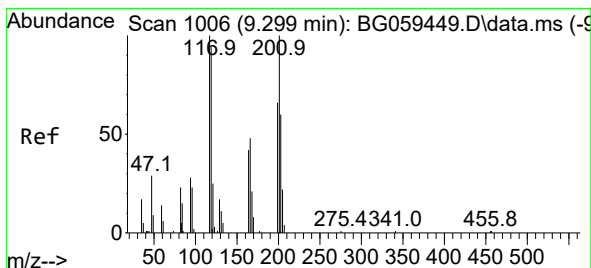
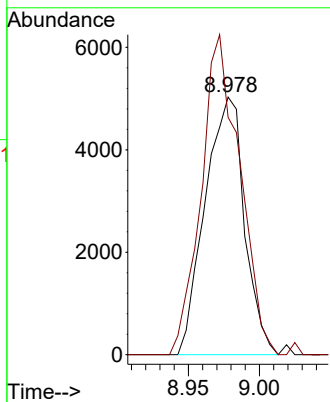
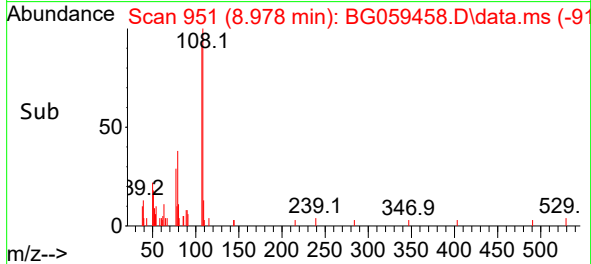
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:108 Resp: 9689
Ion Ratio Lower Upper
108 100
107 92.1 83.4 125.2

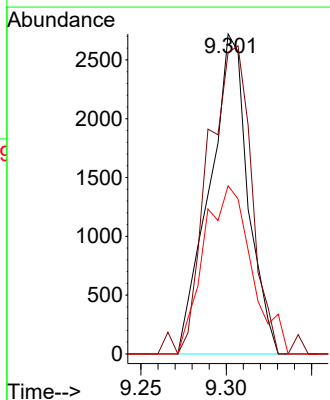
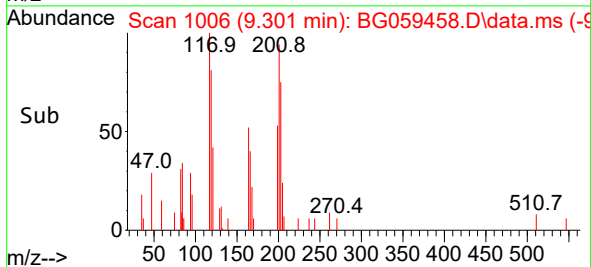
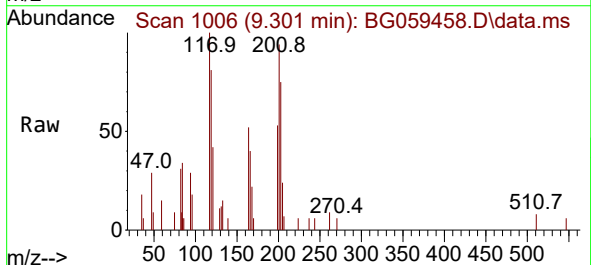
Manual Integrations
APPROVED

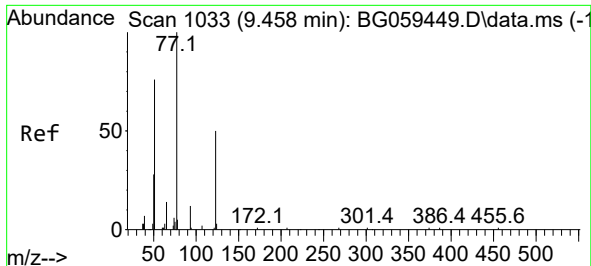
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 4.451 ng/ul
RT: 9.301 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

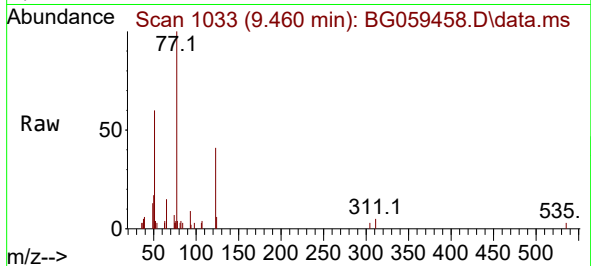
Tgt Ion:117 Resp: 4258
Ion Ratio Lower Upper
117 100
201 94.2 97.4 146.2#
199 52.6 73.6 110.4#





#22
Nitrobenzene
Concen: 4.447 ng/ul
RT: 9.460 min Scan# 1103
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

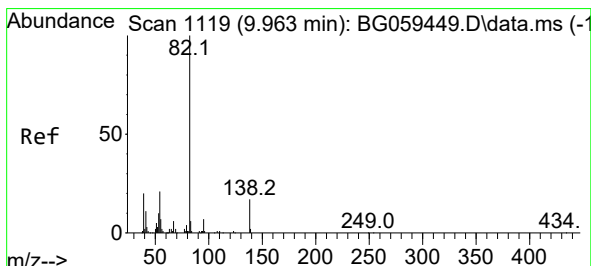
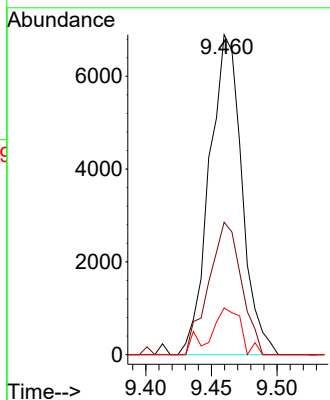
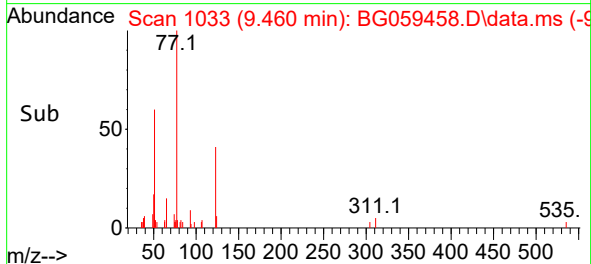
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



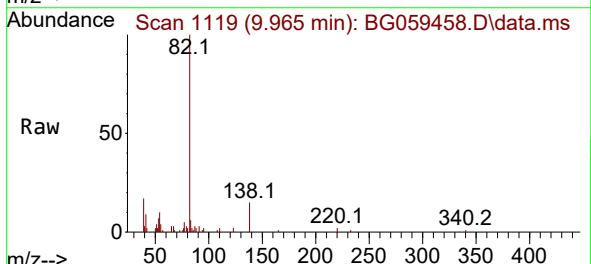
Tgt Ion: 77 Resp: 11864
Ion Ratio Lower Upper
77 100
123 41.4 43.5 65.3#
65 14.6 12.1 18.1

Manual Integrations
APPROVED

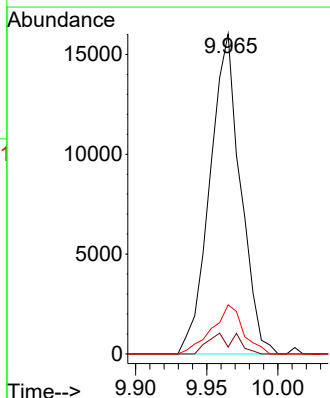
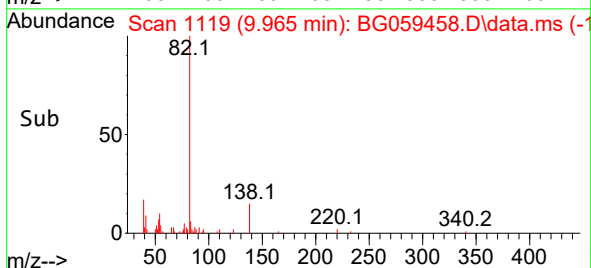
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

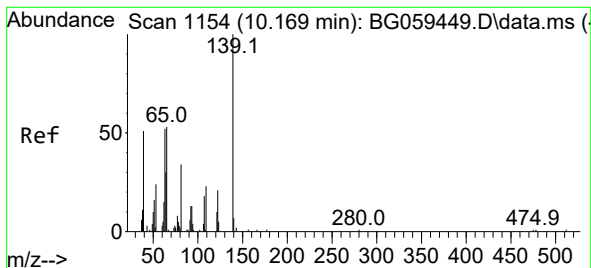


#23
Isophorone
Concen: 4.245 ng/ul
RT: 9.965 min Scan# 1119
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46



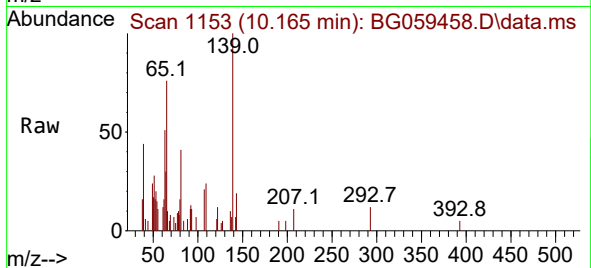
Tgt Ion: 82 Resp: 24053
Ion Ratio Lower Upper
82 100
95 2.2 6.1 9.1#
138 15.4 15.5 23.3#





#25
2-Nitrophenol
Concen: 4.395 ng/ul
RT: 10.165 min Scan# 1153
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

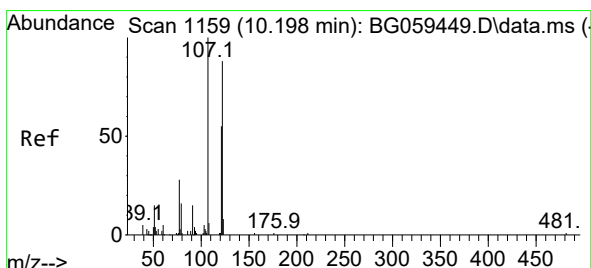
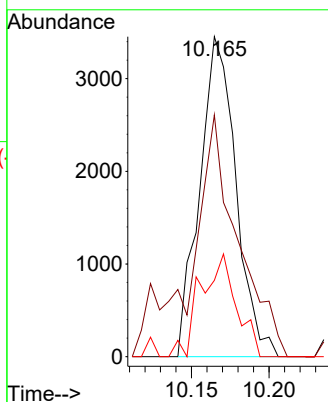
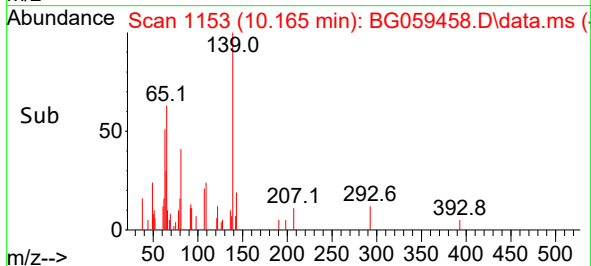
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



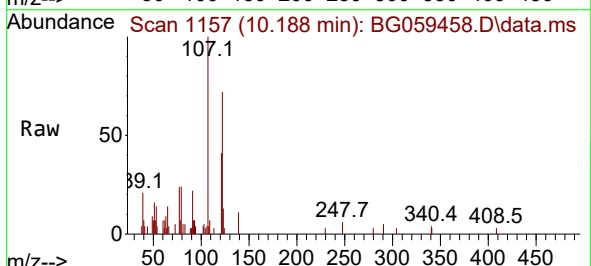
Tgt Ion:139 Resp: 561
Ion Ratio Lower Upper
139 100
65 75.6 49.4 74.0
109 23.8 23.9 35.9

Manual Integrations
APPROVED

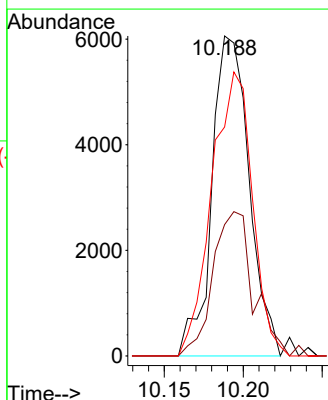
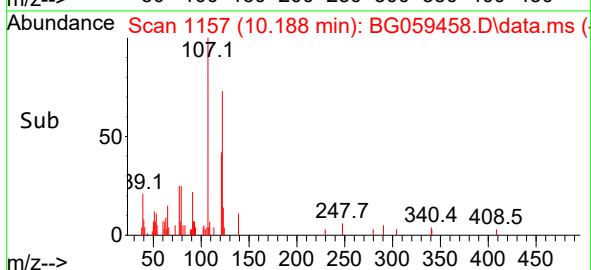
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

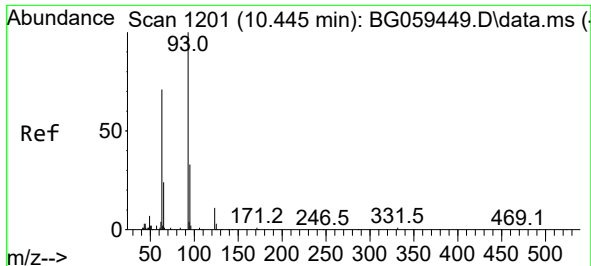


#26
2,4-Dimethylphenol
Concen: 3.742 ng/ul m
RT: 10.188 min Scan# 1157
Delta R.T. -0.007 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46



Tgt Ion:107 Resp: 10002
Ion Ratio Lower Upper
107 100
121 41.1 44.0 66.0
122 71.5 65.1 97.7





#27

Bis(2-Chloroethoxy)methane

Concen: 3.909 ng/ul

RT: 10.447 min Scan# 1201

Delta R.T. -0.001 min

Lab File: BG059458.D

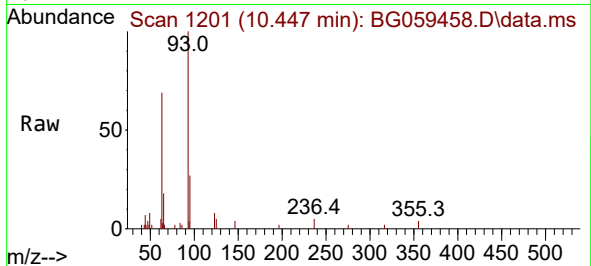
Acq: 16 Oct 2023 15:46

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05



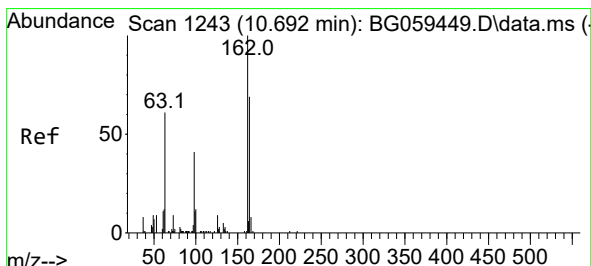
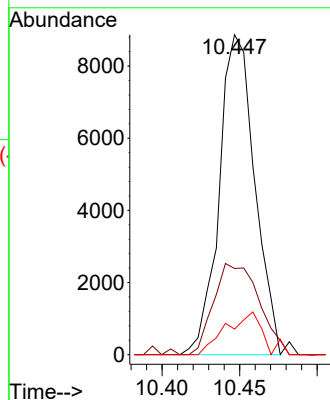
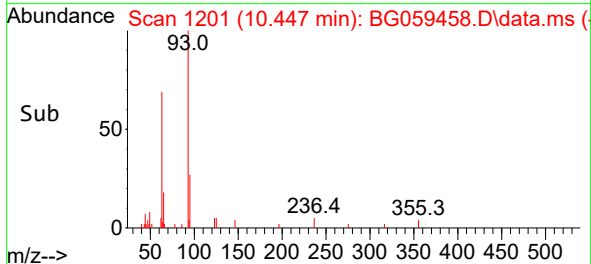
Tgt Ion: 93	Resp: 1415
Ion Ratio	Lower Upper
93	100
95	27.0 26.1 39.1
123	8.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#29

2,4-Dichlorophenol

Concen: 4.053 ng/ul

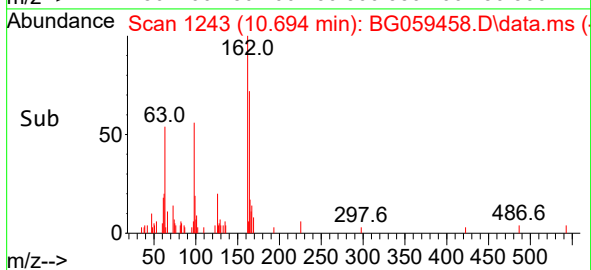
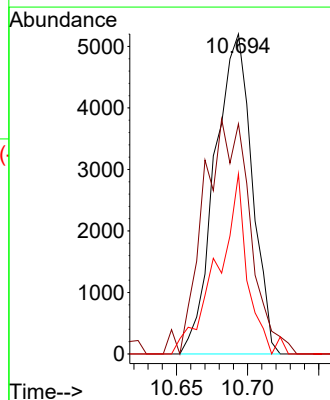
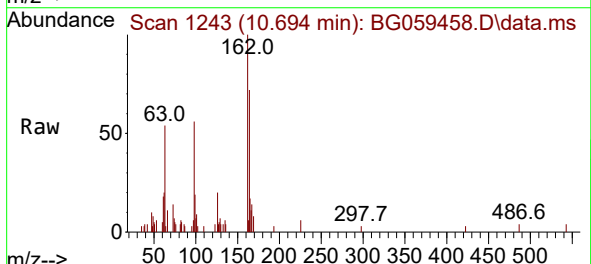
RT: 10.694 min Scan# 1243

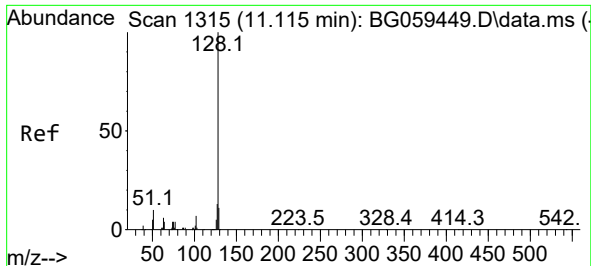
Delta R.T. 0.005 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Tgt Ion:162	Resp: 9474
Ion Ratio	Lower Upper
162	100
164	71.9 53.5 80.3
98	56.3 26.2 39.4





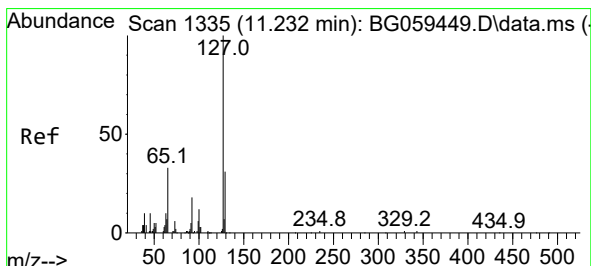
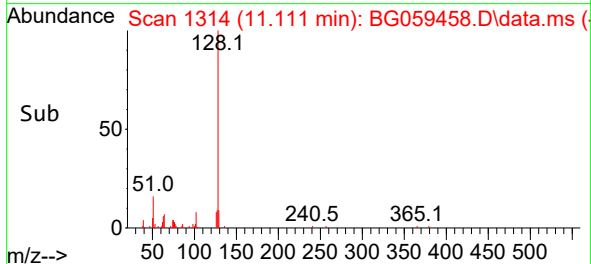
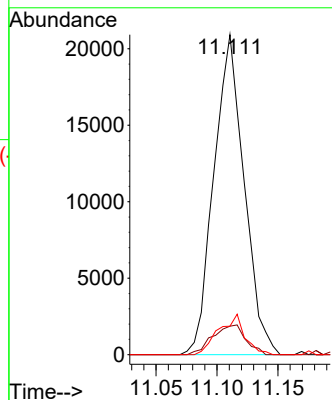
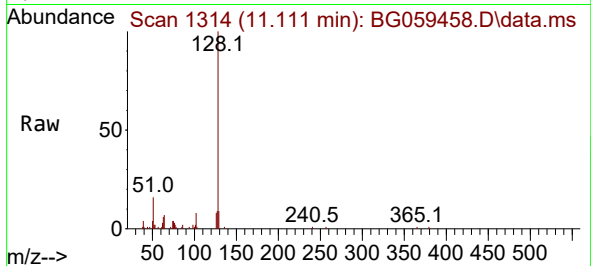
#30
Naphthalene
Concen: 4.145 ng/ul
RT: 11.111 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion:128 Resp: 3612
Ion Ratio Lower Upper
128 100
129 8.9 9.4 14.0
127 8.9 10.4 15.6

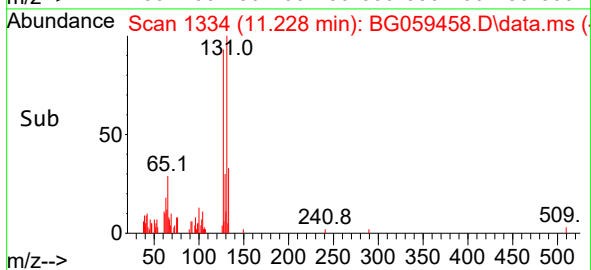
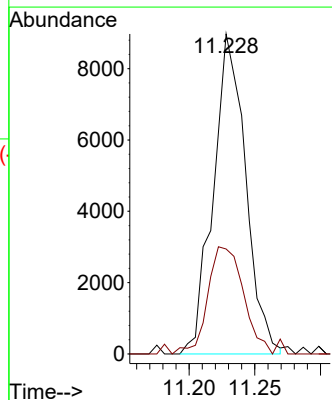
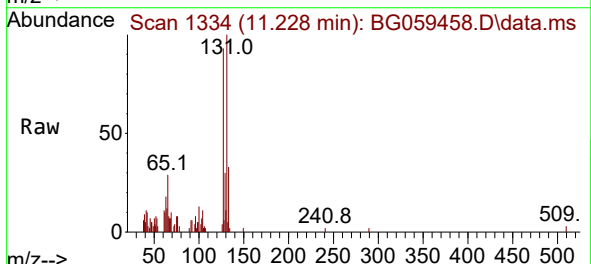
Manual Integrations
APPROVED

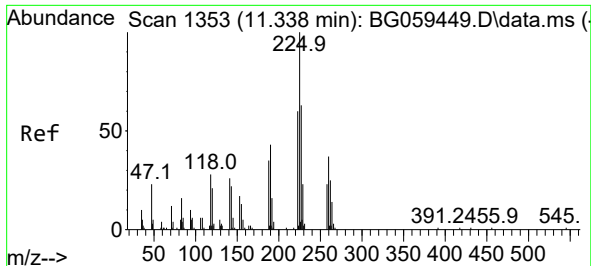
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 4.265 ng/ul
RT: 11.228 min Scan# 1334
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

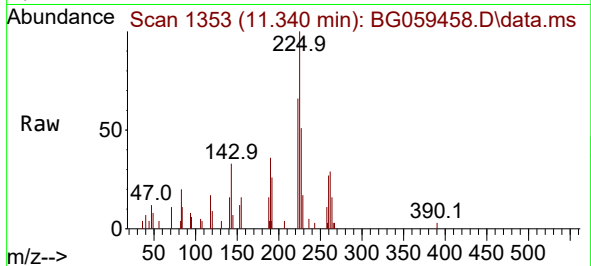
Tgt Ion:127 Resp: 15416
Ion Ratio Lower Upper
127 100
129 32.8 27.0 40.6





#33
Hexachlorobutadiene
Concen: 4.672 ng/ul
RT: 11.340 min Scan# 1353
Delta R.T. 0.005 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

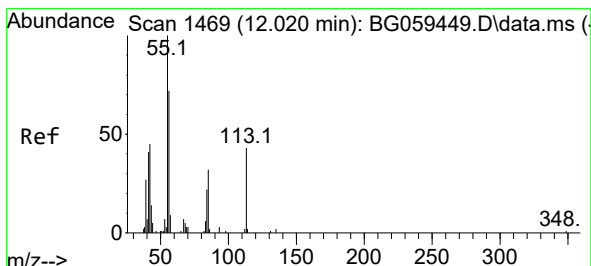
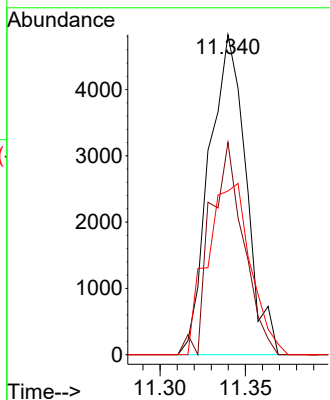
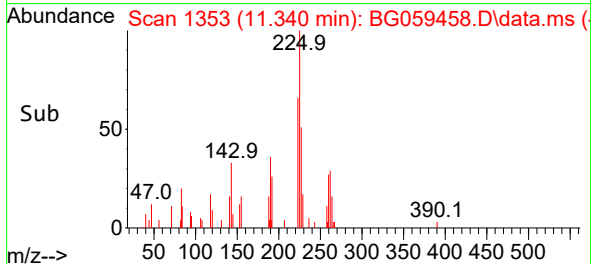
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



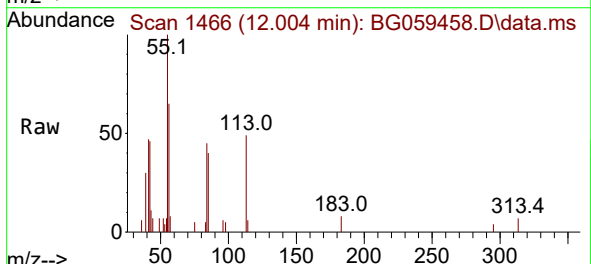
Tgt Ion: 225 Resp: 7225
Ion Ratio Lower Upper
225 100
223 66.4 52.4 78.6
227 51.1 55.8 83.8

Manual Integrations
APPROVED

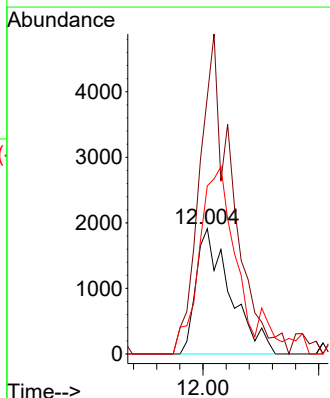
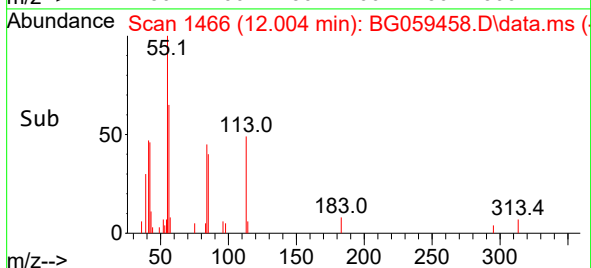
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

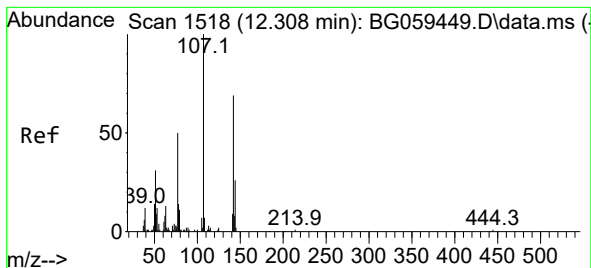


#34
Caprolactam
Concen: 4.744 ng/ul m
RT: 12.004 min Scan# 1466
Delta R.T. -0.007 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46



Tgt Ion: 113 Resp: 3917
Ion Ratio Lower Upper
113 100
55 205.3 174.3 261.5
56 134.3 130.2 195.2





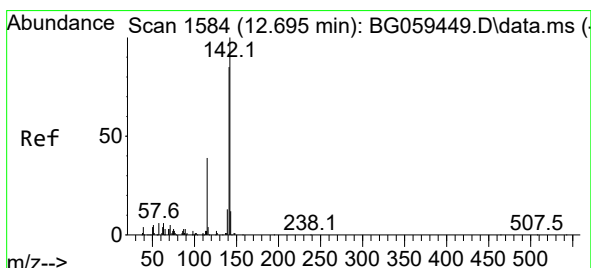
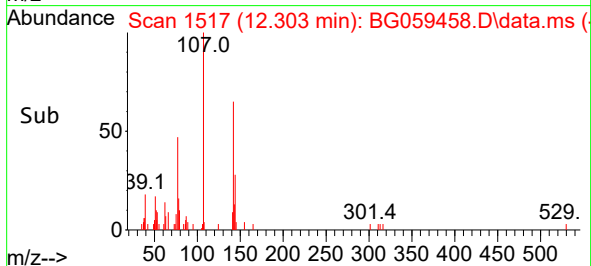
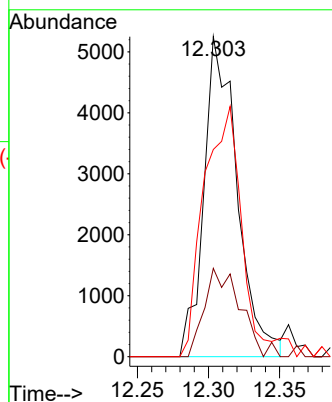
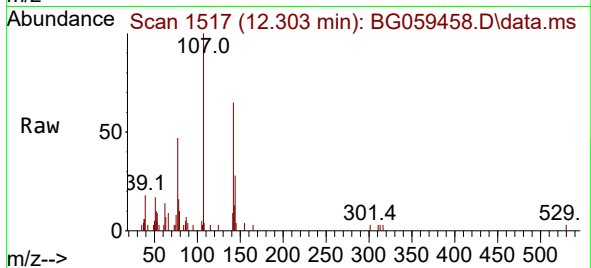
#35
4-Chloro-3-methylphenol
Concen: 3.583 ng/ul
RT: 12.303 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	23.0	34.6
142	64.7	57.4	86.0

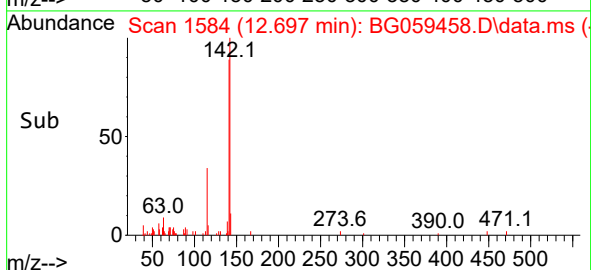
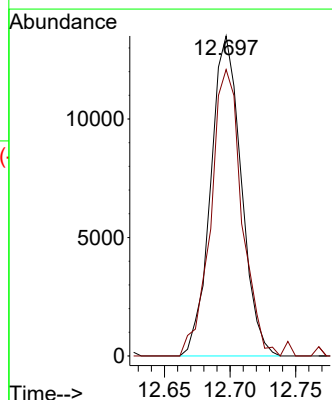
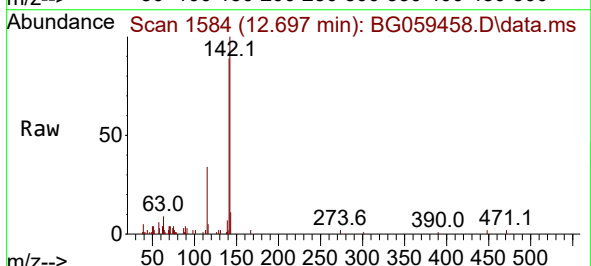
Manual Integrations
APPROVED

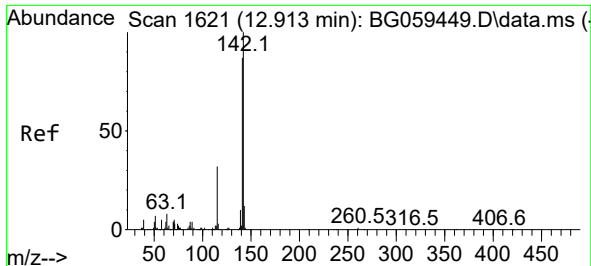
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 3.888 ng/ul
RT: 12.697 min Scan# 1584
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0





#37

1-Methylnaphthalene

Concen: 4.102 ng/ul

RT: 12.914 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

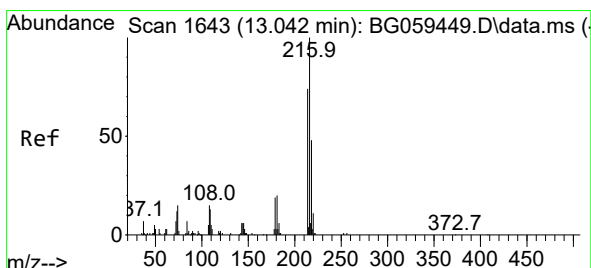
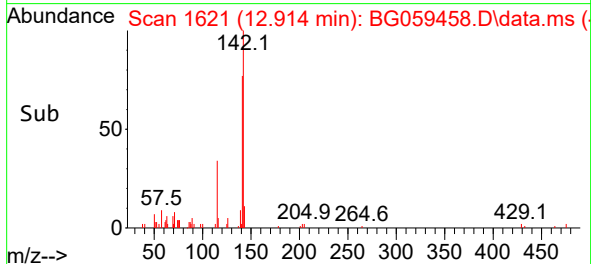
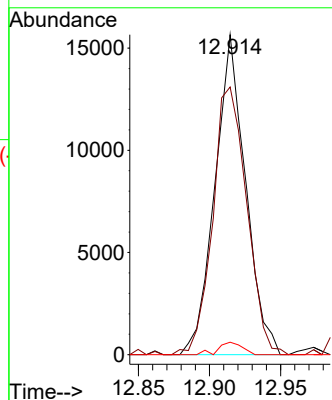
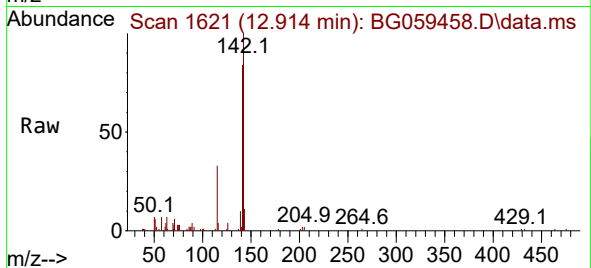
Tgt Ion:	142	Resp:	2348
Ion Ratio	Lower	Upper	
142	100		
141	83.6	81.3	121.9
116	3.9	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.929 ng/ul

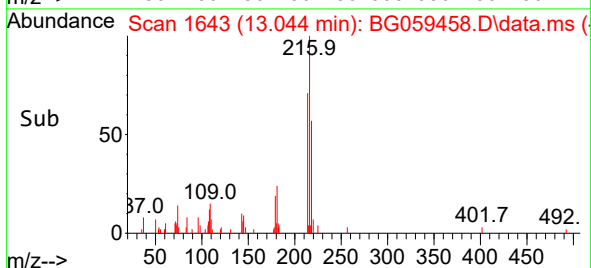
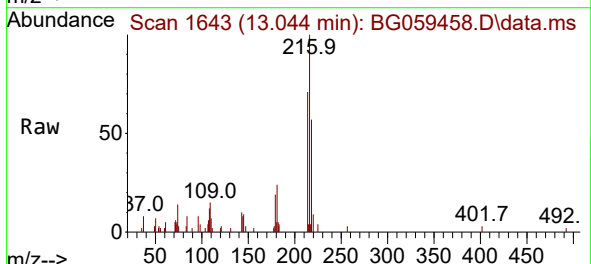
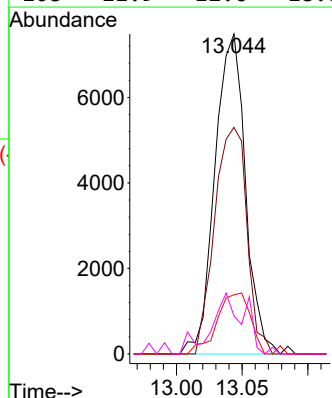
RT: 13.044 min Scan# 1643

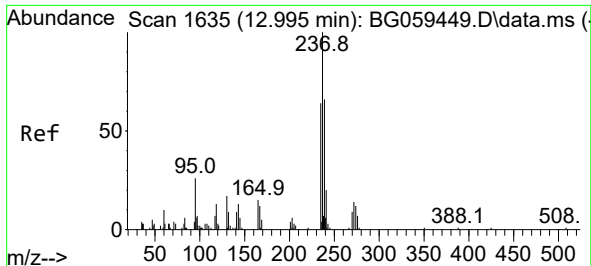
Delta R.T. -0.001 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

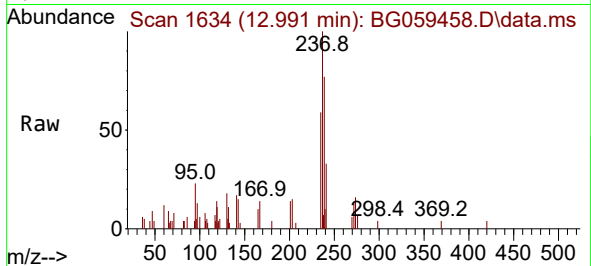
Tgt Ion:	216	Resp:	12084
Ion Ratio	Lower	Upper	
216	100		
214	70.8	66.9	100.3
179	18.5	15.6	23.4
108	11.9	12.6	18.8





#40
Hexachlorocyclopentadiene
Concen: 4.891 ng/ul
RT: 12.991 min Scan# 1634
Delta R.T. -0.007 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

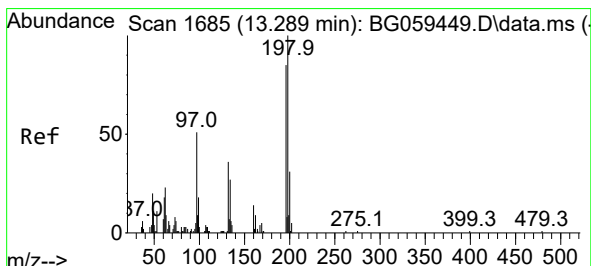
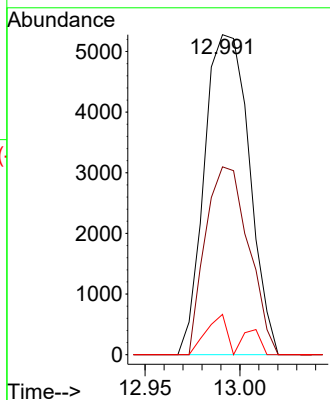
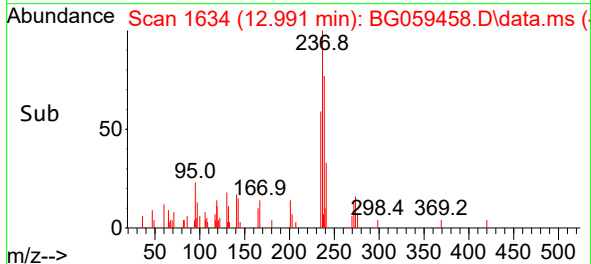
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:237 Resp: 870
Ion Ratio Lower Upper
237 100
235 58.7 56.5 84.7
272 12.6 10.8 16.2

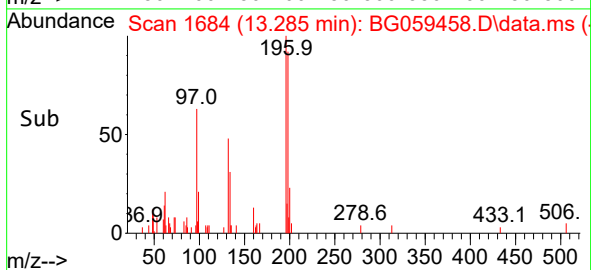
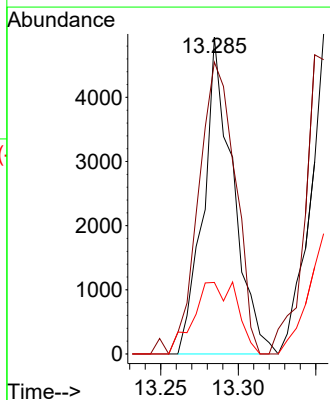
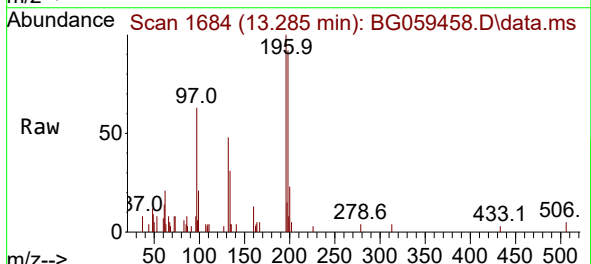
Manual Integrations
APPROVED

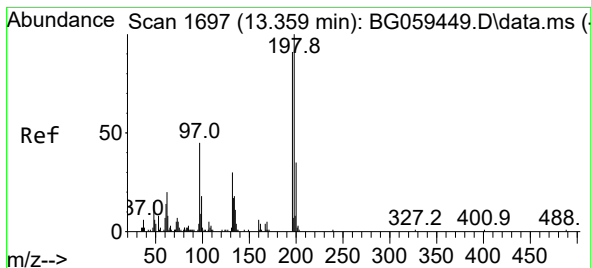
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#41
2,4,6-Trichlorophenol
Concen: 3.469 ng/ul
RT: 13.285 min Scan# 1684
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

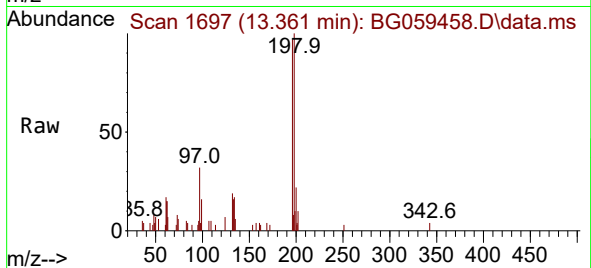
Tgt Ion:196 Resp: 6558
Ion Ratio Lower Upper
196 100
198 92.1 85.7 128.5
200 22.6 24.2 36.4#





#42
2,4,5-Trichlorophenol
Concen: 3.929 ng/ul
RT: 13.361 min Scan# 1697
Delta R.T. 0.005 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

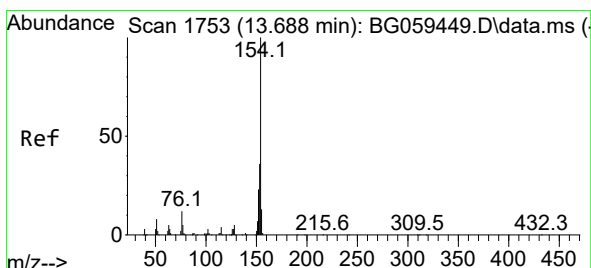
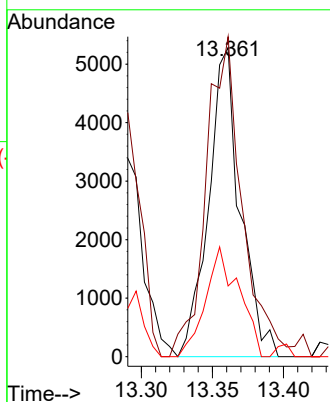
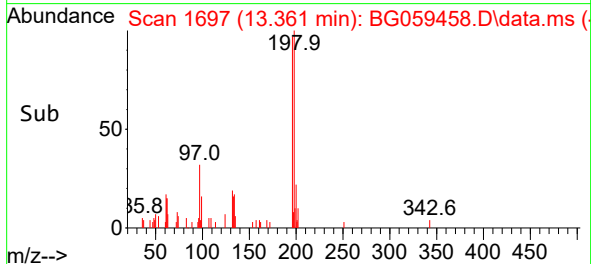
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:196 Resp: 817
Ion Ratio Lower Upper
196 100
198 103.5 80.3 120.5
200 26.0 25.2 37.8

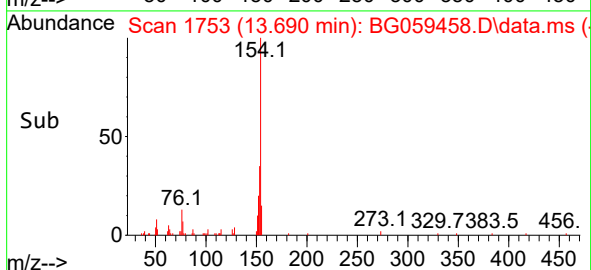
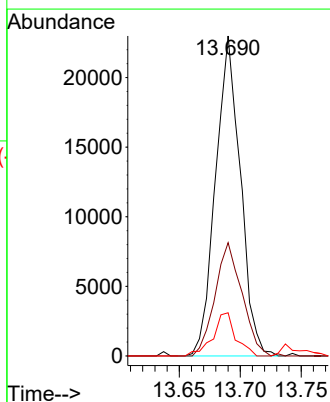
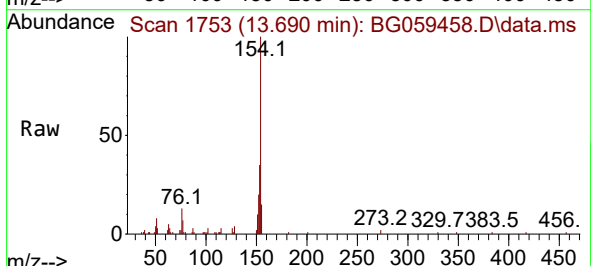
Manual Integrations
APPROVED

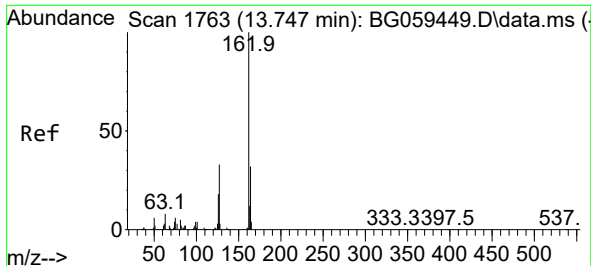
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#43
1,1'-Biphenyl
Concen: 3.825 ng/ul
RT: 13.690 min Scan# 1753
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

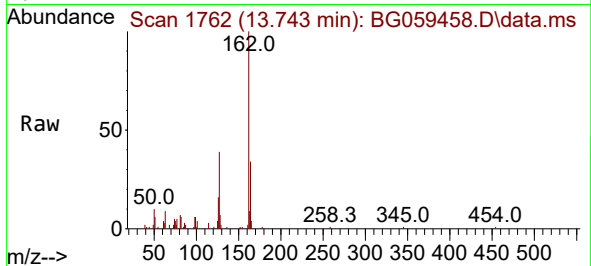
Tgt Ion:154 Resp: 32578
Ion Ratio Lower Upper
154 100
153 35.4 31.3 46.9
76 13.5 9.4 14.0





#44
2-Chloronaphthalene
Concen: 3.905 ng/ul
RT: 13.743 min Scan# 1763
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

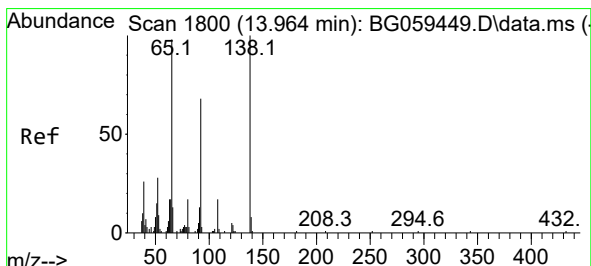
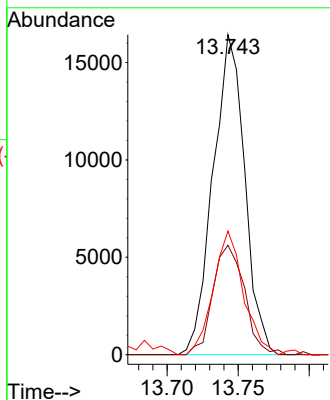
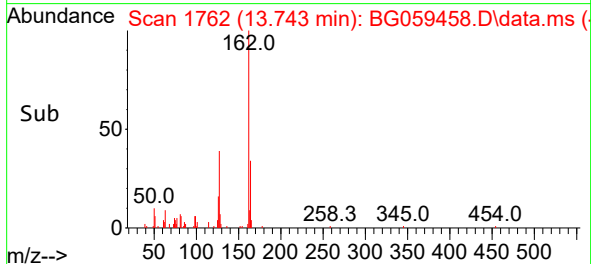
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion: 162 Resp: 25449
Ion Ratio Lower Upper
162 100
164 34.2 27.8 41.6
127 38.6 33.4 50.2

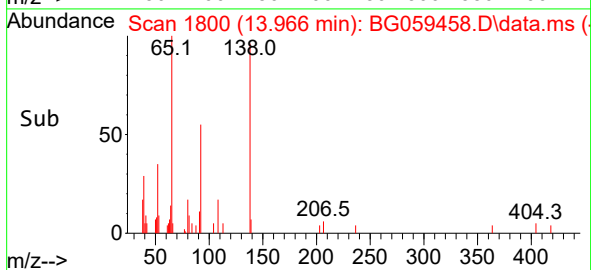
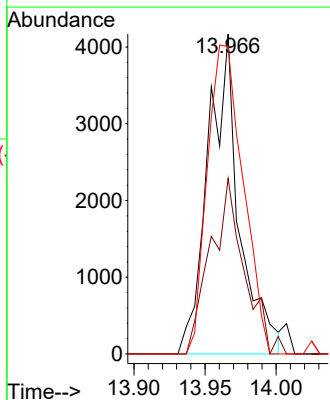
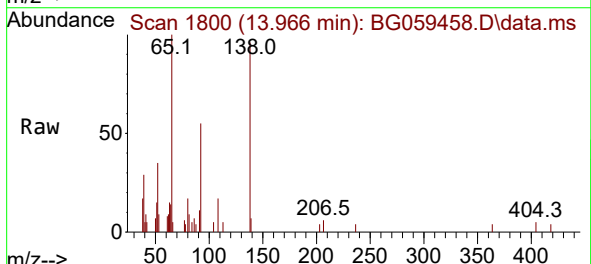
Manual Integrations
APPROVED

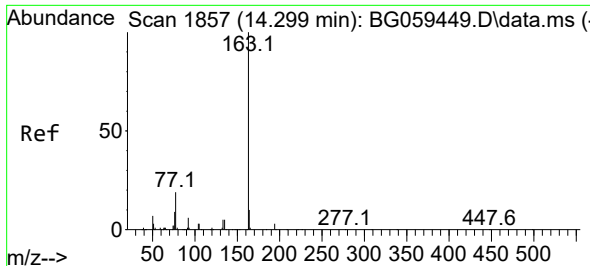
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#45
2-Nitroaniline
Concen: 3.695 ng/ul
RT: 13.966 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Tgt Ion: 65 Resp: 6397
Ion Ratio Lower Upper
65 100
92 54.8 58.2 87.4#
138 96.1 85.0 127.4





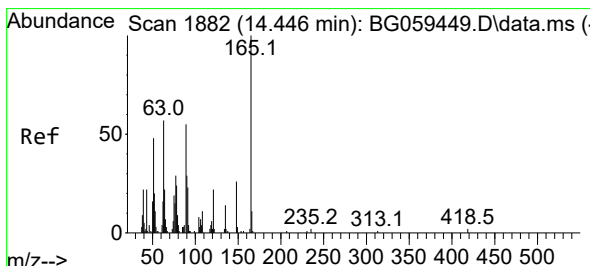
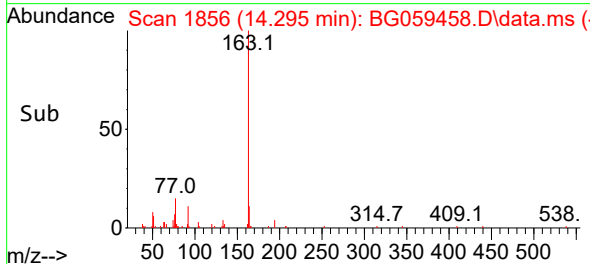
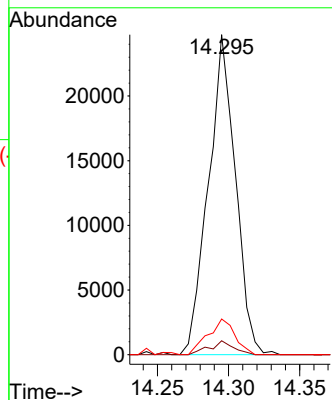
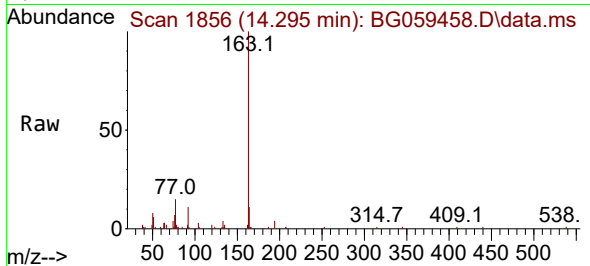
#47
Dimethylphthalate
Concen: 4.051 ng/ul
RT: 14.295 min Scan# 1856
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion:163 Resp: 3275
Ion Ratio Lower Upper
163 100
194 4.3 2.4 3.6
164 11.1 8.2 12.4

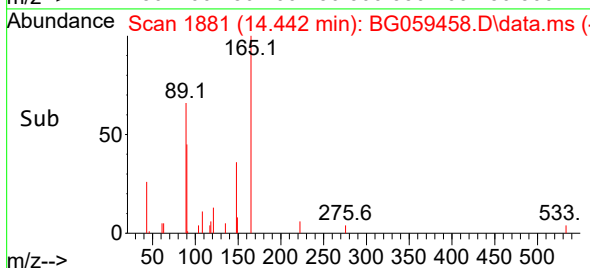
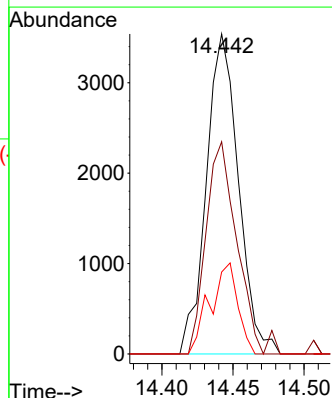
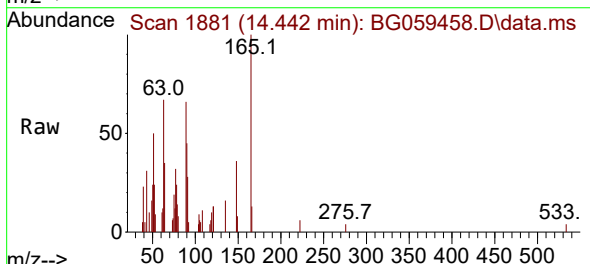
Manual Integrations
APPROVED

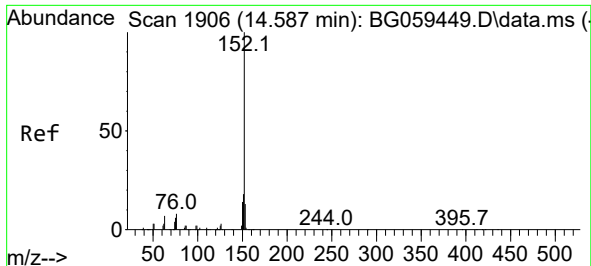
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#48
2,6-Dinitrotoluene
Concen: 3.740 ng/ul
RT: 14.442 min Scan# 1881
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

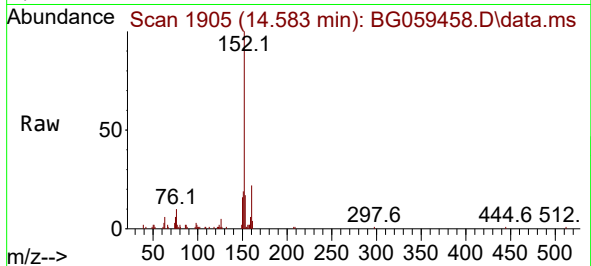
Tgt Ion:165 Resp: 5570
Ion Ratio Lower Upper
165 100
89 66.3 46.2 69.4
121 25.6 15.1 22.7#





#50
Acenaphthylene
Concen: 3.942 ng/ul
RT: 14.583 min Scan# 1906
Delta R.T. -0.007 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

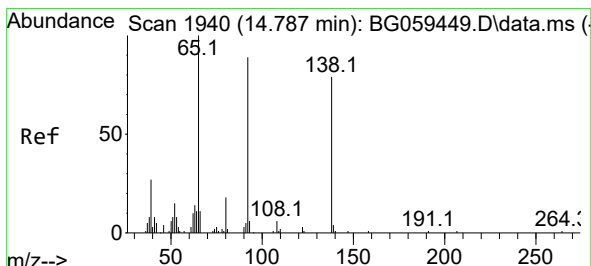
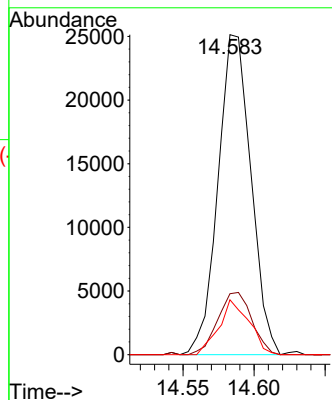
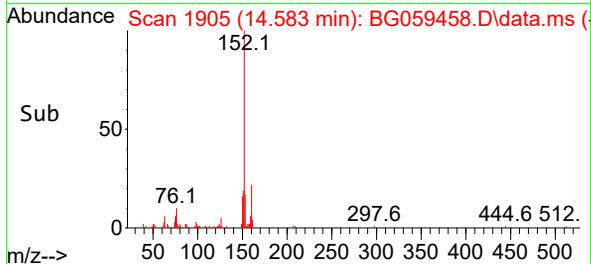
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



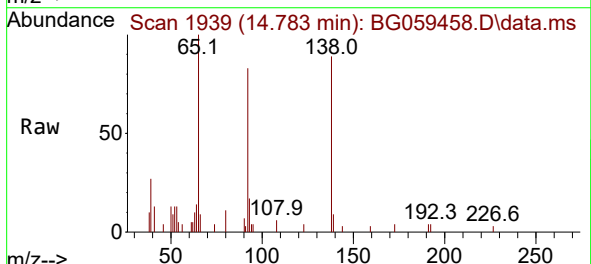
Tgt Ion:152 Resp: 40528
Ion Ratio Lower Upper
152 100
151 19.1 14.8 22.2
153 17.1 9.5 14.3

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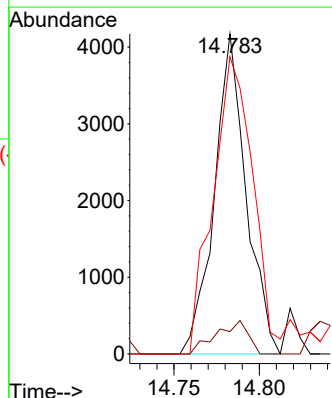
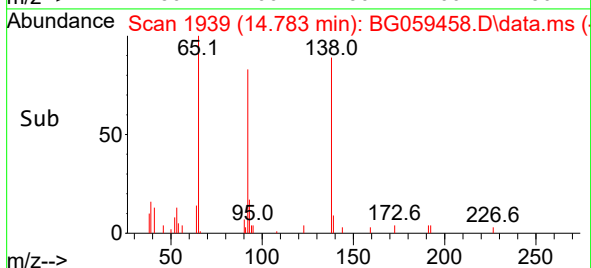
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

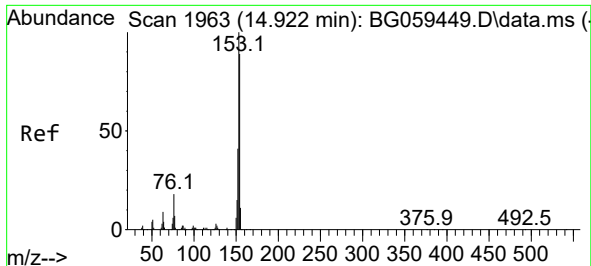


#51
3-Nitroaniline
Concen: 3.423 ng/ul
RT: 14.783 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46



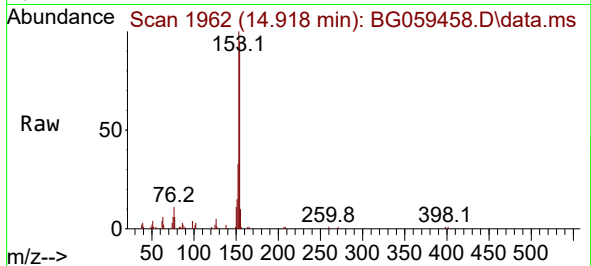
Tgt Ion:138 Resp: 5403
Ion Ratio Lower Upper
138 100
108 7.0 6.5 9.7
92 92.9 91.6 137.4





#52
Acenaphthene
Concen: 3.955 ng/ul
RT: 14.918 min Scan# 1962
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

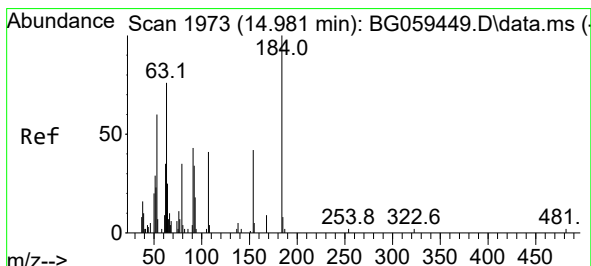
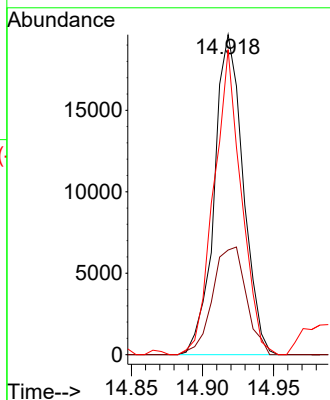
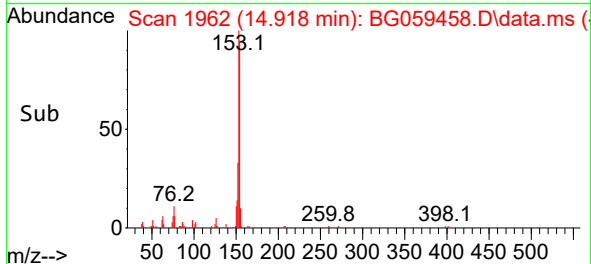
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:153 Resp: 27829
Ion Ratio Lower Upper
153 100
152 32.7 32.1 48.1
154 95.4 75.2 112.8

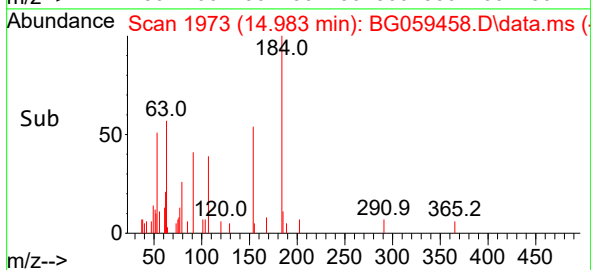
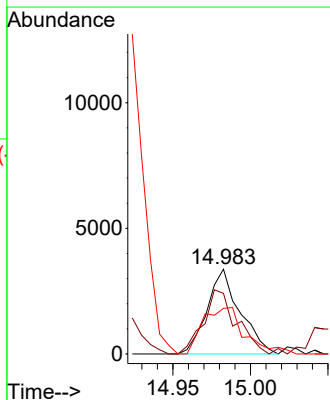
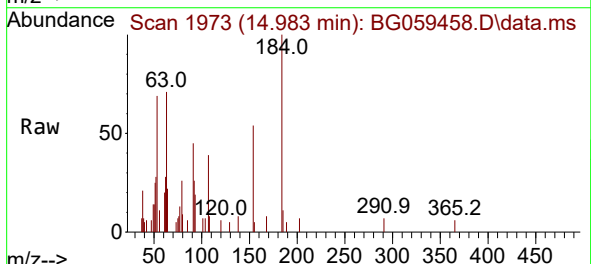
Manual Integrations
APPROVED

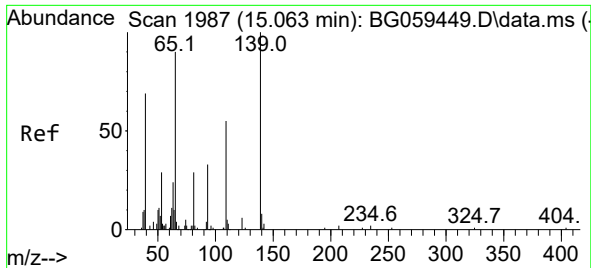
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#53
2,4-Dinitrophenol
Concen: 6.307 ng/ul
RT: 14.983 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

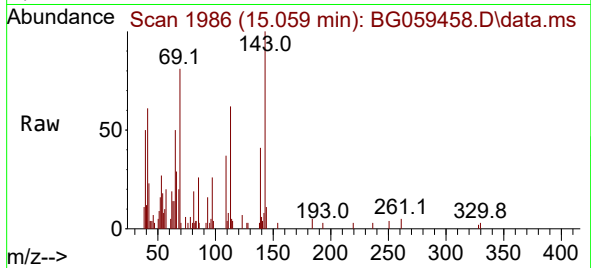
Tgt Ion:184 Resp: 4970
Ion Ratio Lower Upper
184 100
63 71.4 57.3 85.9
154 53.8 40.6 61.0





#55
4-Nitrophenol
Concen: 3.601 ng/ul
RT: 15.059 min Scan# 1987
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

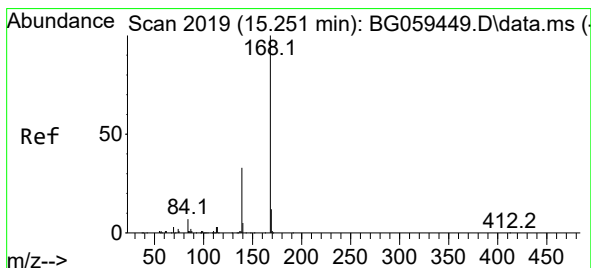
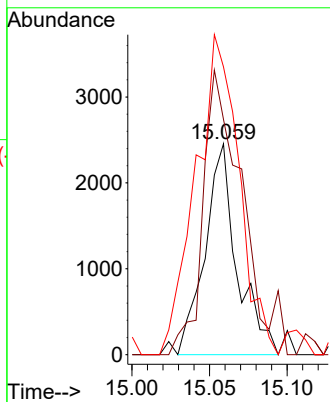
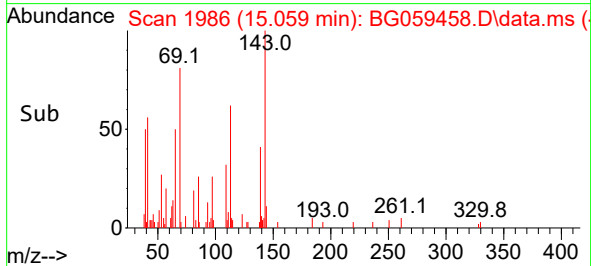
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:109 Resp: 3530
Ion Ratio Lower Upper
109 100
139 111.6 100.2 150.4
65 136.5 111.8 167.8

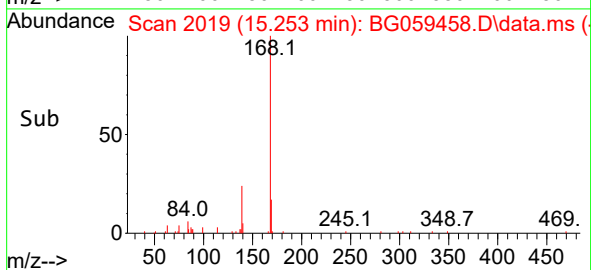
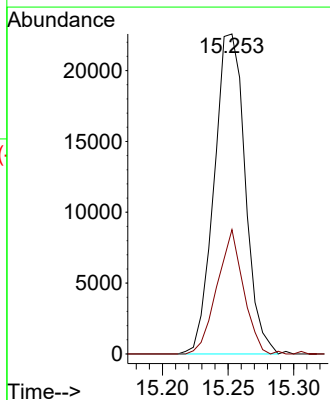
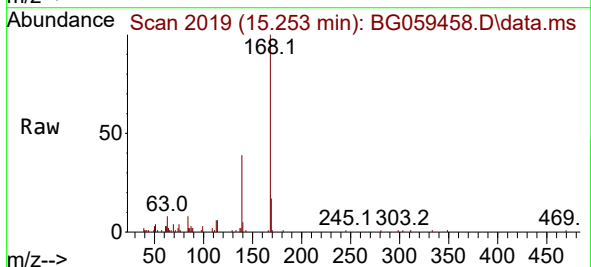
Manual Integrations
APPROVED

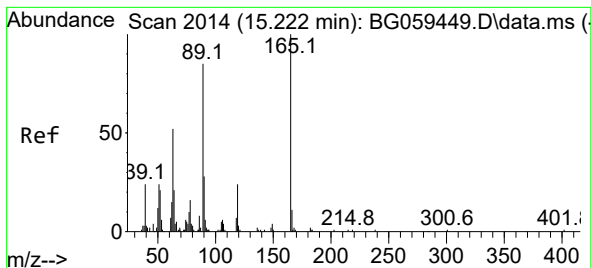
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 3.899 ng/ul
RT: 15.253 min Scan# 2019
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

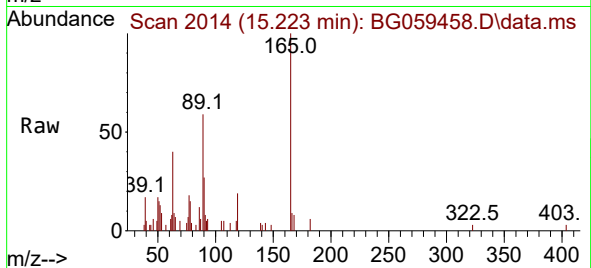
Tgt Ion:168 Resp: 37089
Ion Ratio Lower Upper
168 100
139 38.8 25.9 38.9





#57
2,4-Dinitrotoluene
Concen: 4.264 ng/ul
RT: 15.223 min Scan# 2014
Delta R.T. 0.005 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

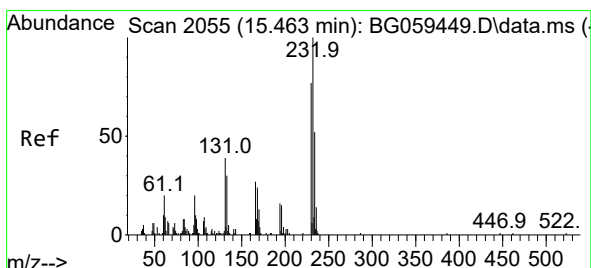
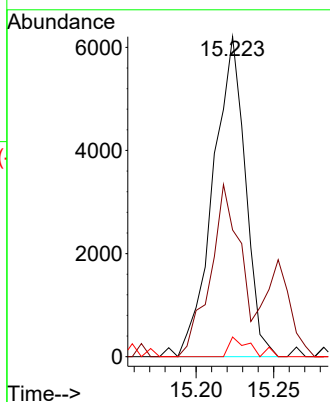
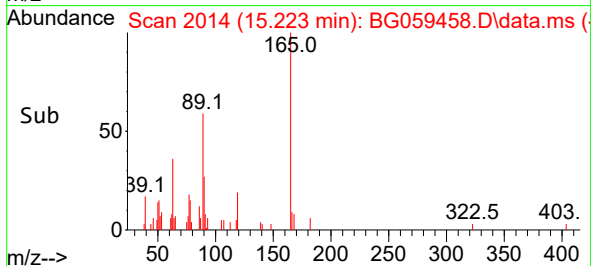
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:165 Resp: 8932
Ion Ratio Lower Upper
165 100
63 39.6 40.8 61.2
182 6.2 1.4 2.0

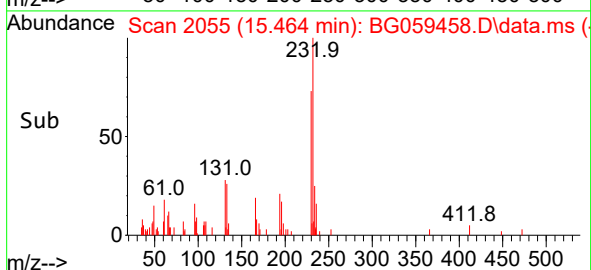
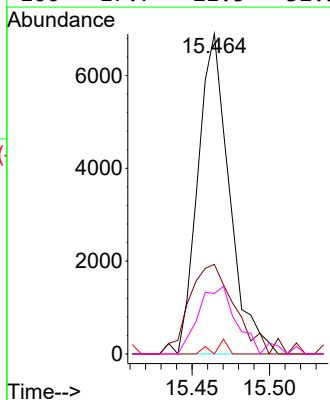
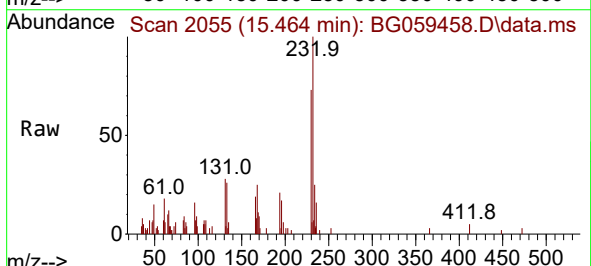
Manual Integrations
APPROVED

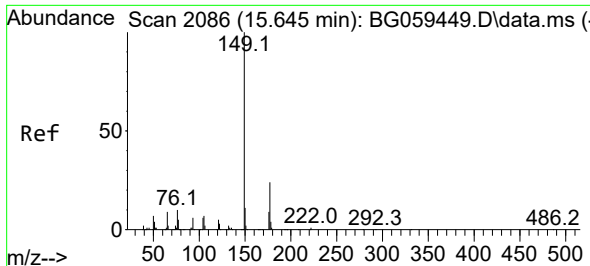
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 5.221 ng/ul
RT: 15.464 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

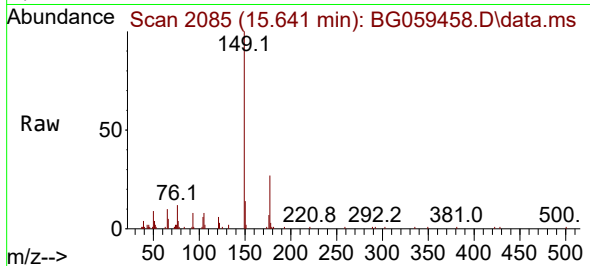
Tgt Ion:232 Resp: 9705
Ion Ratio Lower Upper
232 100
131 26.2 30.2 45.2#
130 0.0 2.0 3.0#
166 17.7 21.5 32.3#





#59
Diethylphthalate
Concen: 5.086 ng/ul
RT: 15.641 min Scan# 2086
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

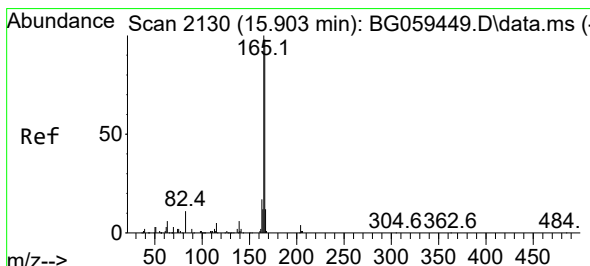
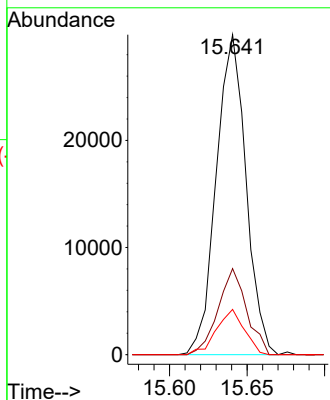
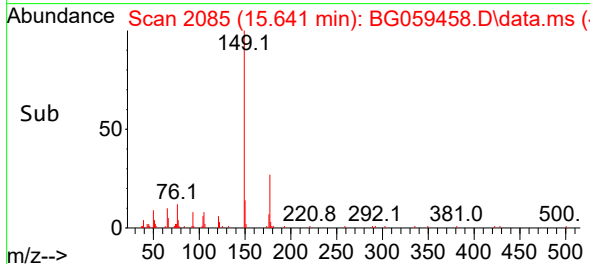
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:149 Resp: 39740
Ion Ratio Lower Upper
149 100
177 26.9 17.3 25.9
150 14.2 8.2 12.4

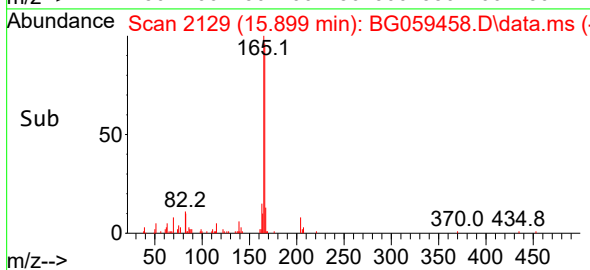
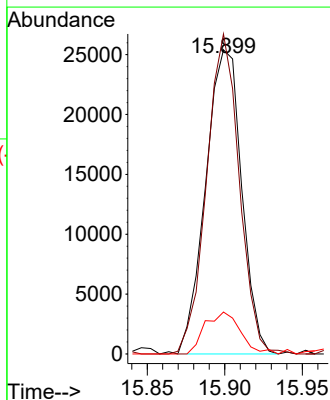
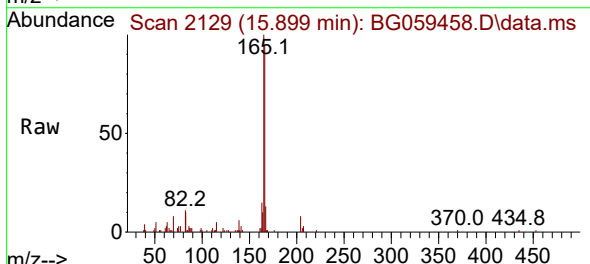
Manual Integrations
APPROVED

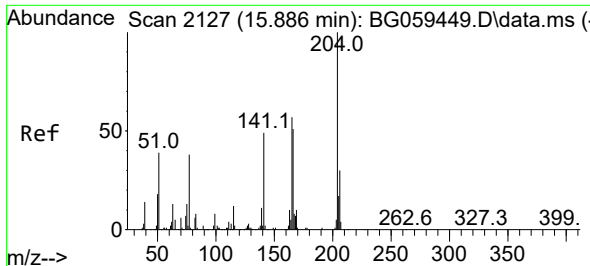
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#61
Fluorene
Concen: 5.137 ng/ul
RT: 15.899 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

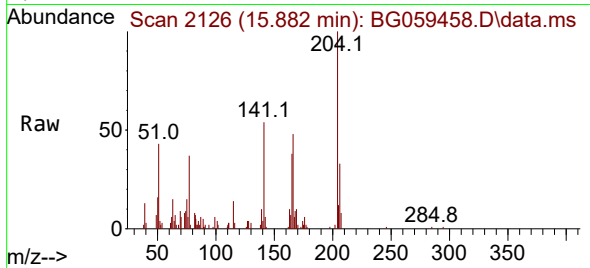
Tgt Ion:166 Resp: 41002
Ion Ratio Lower Upper
166 100
165 105.2 75.6 113.4
167 13.8 9.9 14.9





#62
4-Chlorophenyl-phenylether
Concen: 4.794 ng/ul
RT: 15.882 min Scan# 2127
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

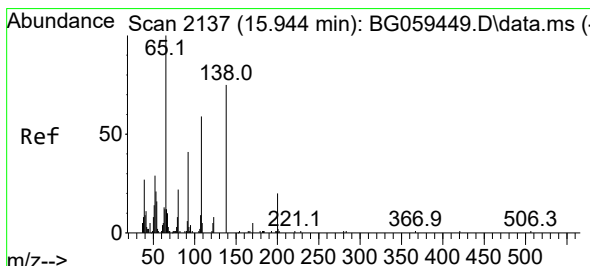
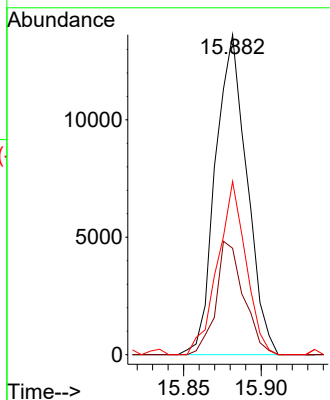
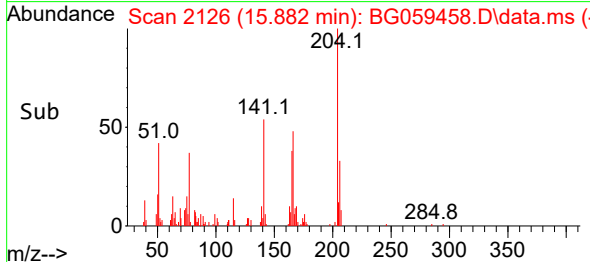
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:204 Resp: 19209
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 54.2 42.3 63.5

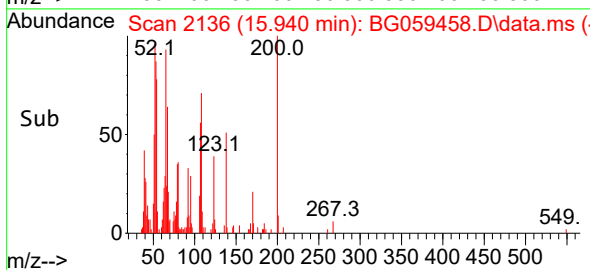
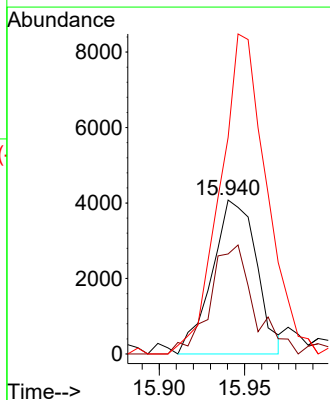
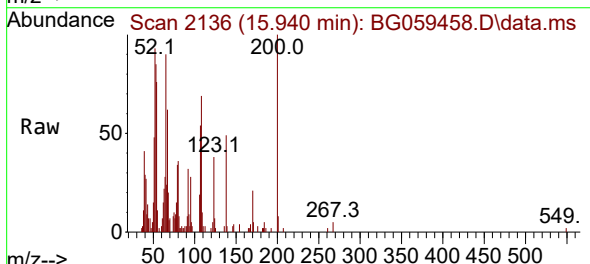
Manual Integrations
APPROVED

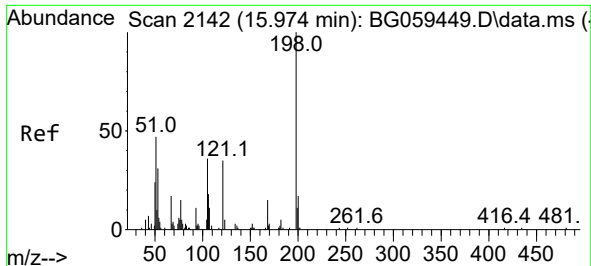
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#63
4-Nitroaniline
Concen: 4.833 ng/ul
RT: 15.940 min Scan# 2136
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

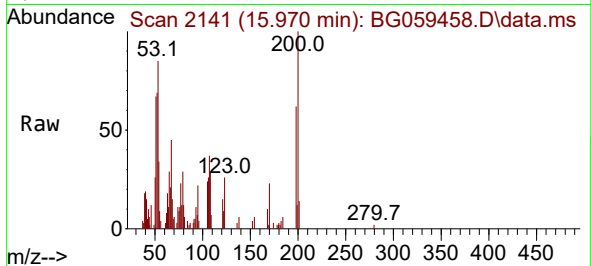
Tgt Ion:138 Resp: 7386
Ion Ratio Lower Upper
138 100
92 65.0 43.3 64.9#
108 140.7 67.9 101.9#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.787 ng/ul
RT: 15.970 min Scan# 2142
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

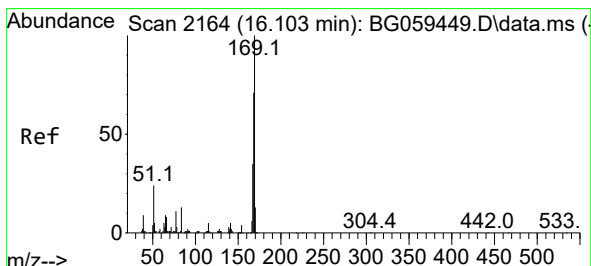
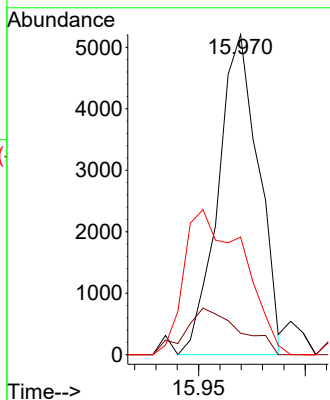
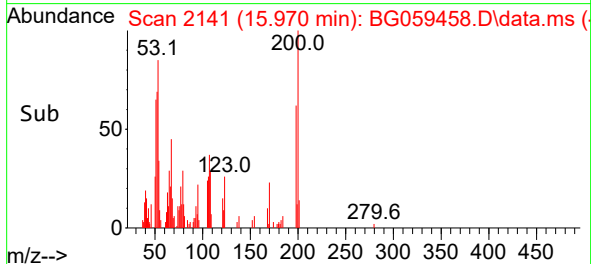
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:198 Resp: 689
Ion Ratio Lower Upper
198 100
182 6.7 4.7 7.1
77 36.8 17.7 26.5

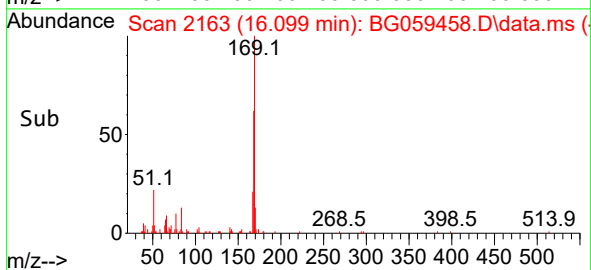
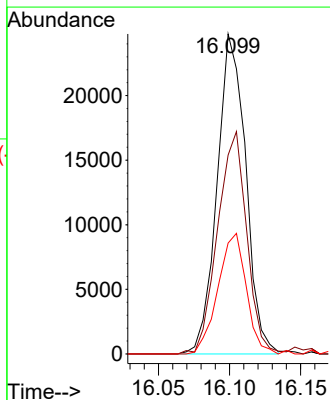
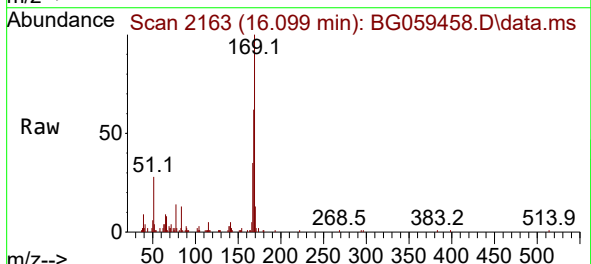
Manual Integrations
APPROVED

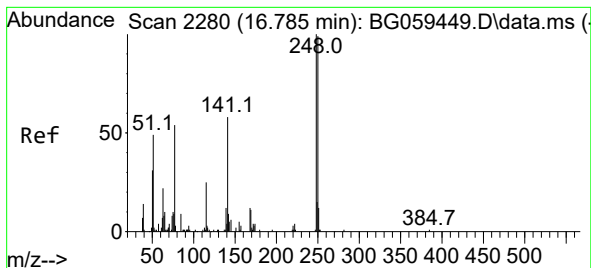
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 5.380 ng/ul
RT: 16.099 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Tgt Ion:169 Resp: 34654
Ion Ratio Lower Upper
169 100
168 62.2 55.8 83.8
167 34.7 28.2 42.2





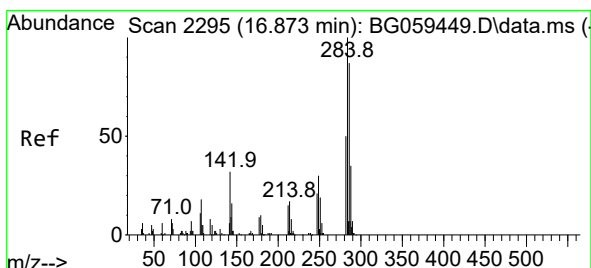
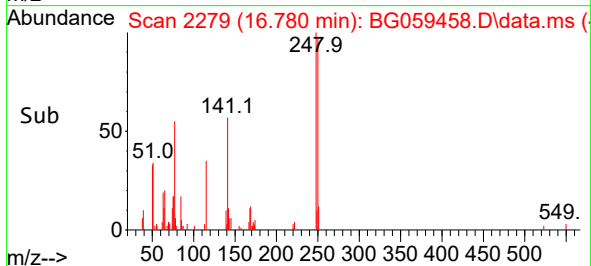
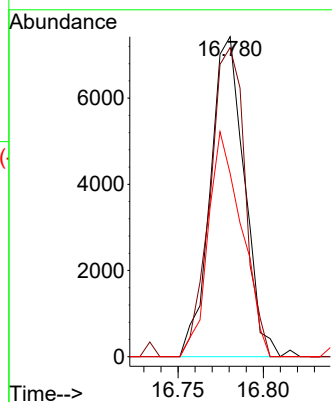
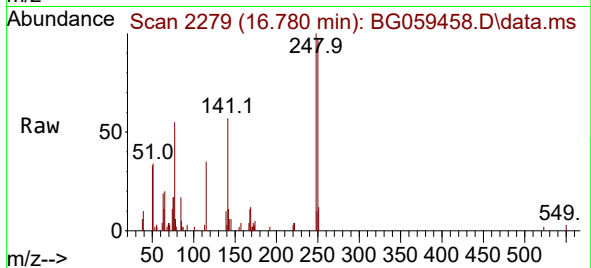
#68
4-Bromophenyl-phenylether
Concen: 4.266 ng/ul
RT: 16.780 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	74.6	111.8
141	57.2	44.3	66.5

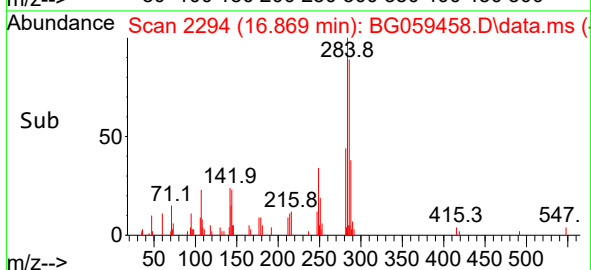
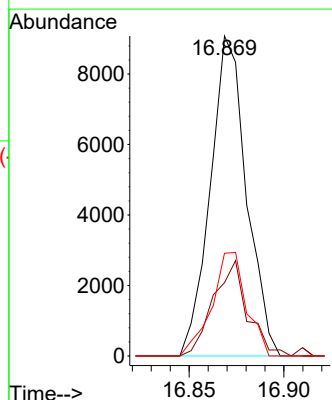
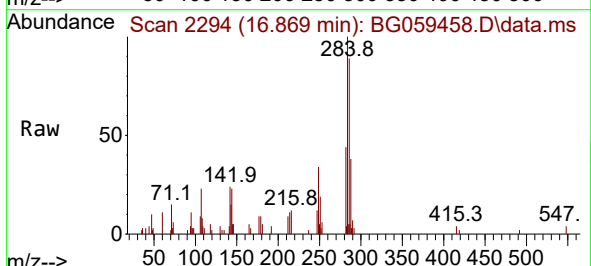
Manual Integrations
APPROVED

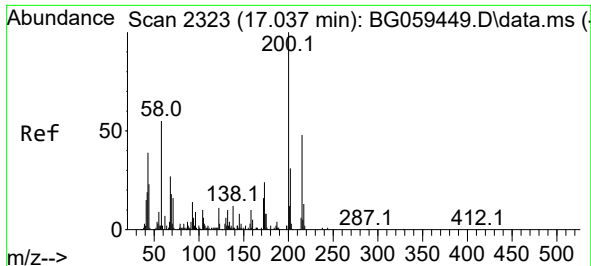
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 4.351 ng/ul
RT: 16.869 min Scan# 2294
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

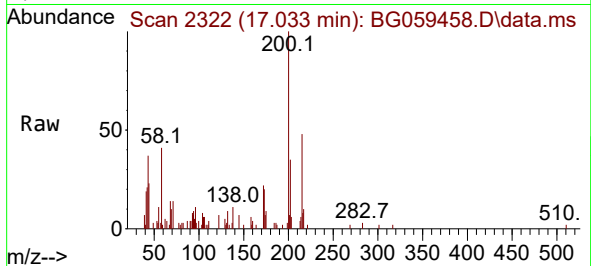
Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.9	22.1	33.1
249	32.1	23.1	34.7





#70
 Atrazine
 Concen: 4.358 ng/ul
 RT: 17.033 min Scan# 2107
 Delta R.T. -0.001 min
 Lab File: BG059458.D
 Acq: 16 Oct 2023 15:46

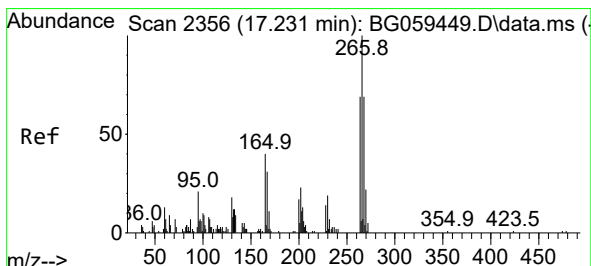
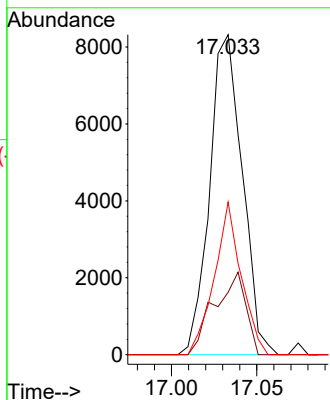
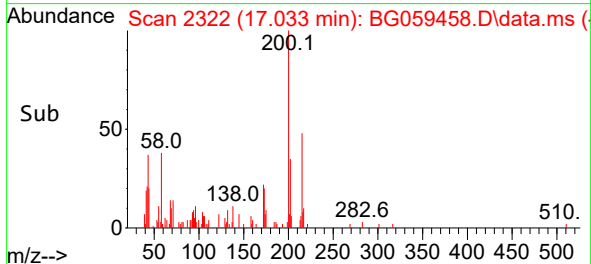
Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-05



Tgt Ion:200 Resp: 11078
 Ion Ratio Lower Upper
 200 100
 173 19.5 22.3 33.5
 215 47.7 37.0 55.4

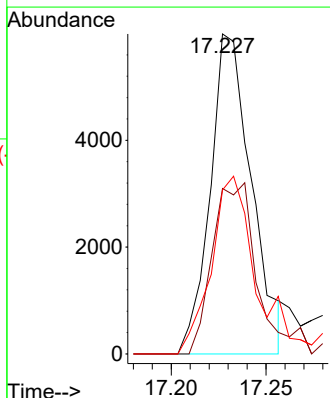
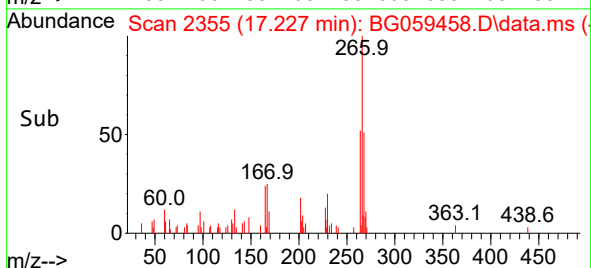
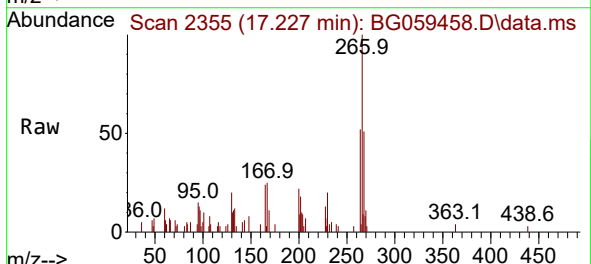
Manual Integrations
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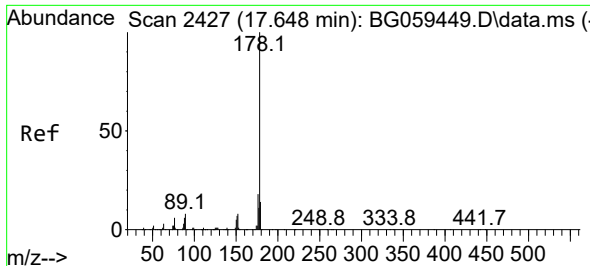
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#71
 Pentachlorophenol
 Concen: 5.786 ng/ul
 RT: 17.227 min Scan# 2355
 Delta R.T. -0.001 min
 Lab File: BG059458.D
 Acq: 16 Oct 2023 15:46

Tgt Ion:266 Resp: 9081
 Ion Ratio Lower Upper
 266 100
 264 51.7 47.9 71.9
 268 51.2 50.0 75.0





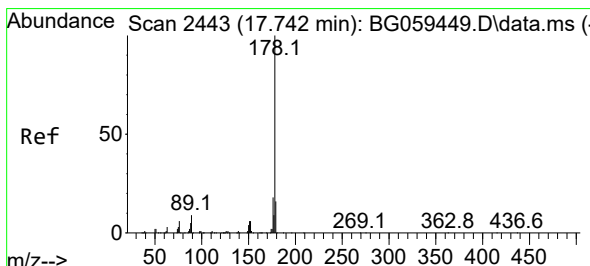
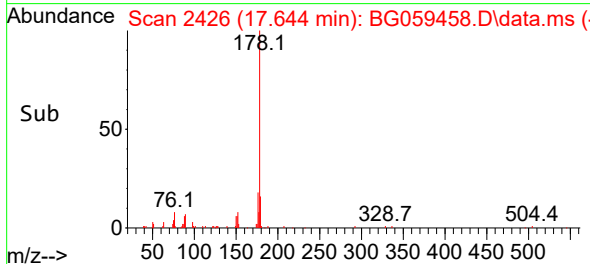
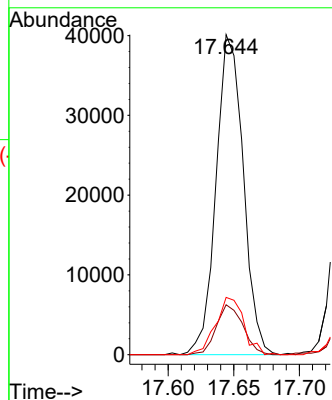
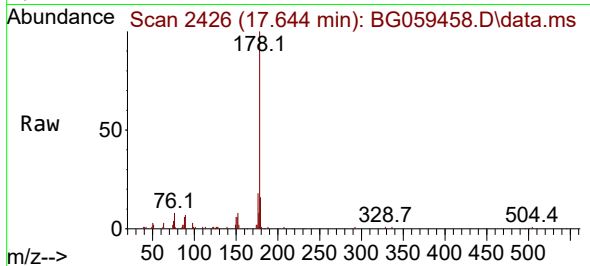
#72
Phenanthrene
Concen: 4.214 ng/ul
RT: 17.644 min Scan# 2427
Delta R.T. -0.007 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:178 Resp: 5774
Ion Ratio Lower Upper
178 100
179 15.6 11.0 16.4
176 17.9 15.1 22.7

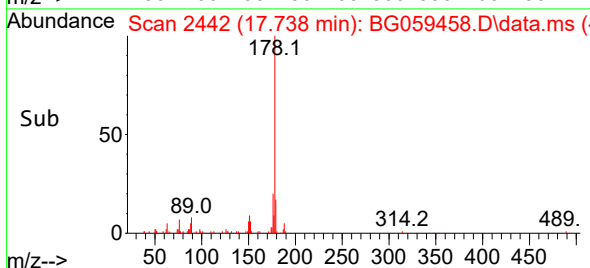
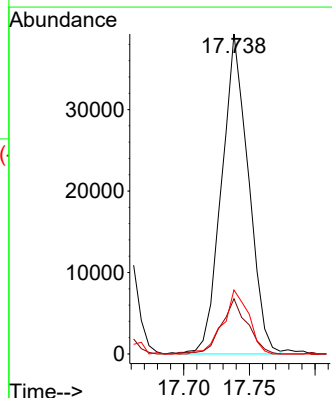
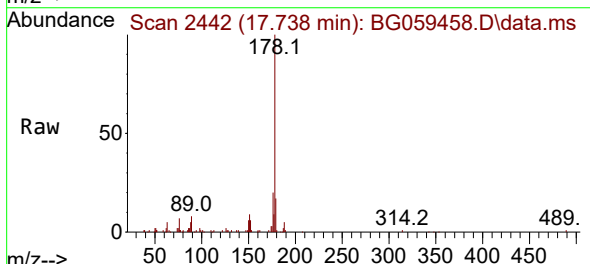
Manual Integrations
APPROVED

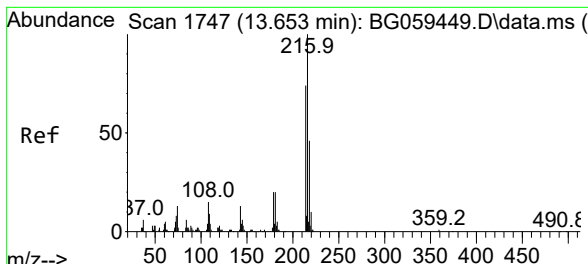
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 3.945 ng/ul
RT: 17.738 min Scan# 2442
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

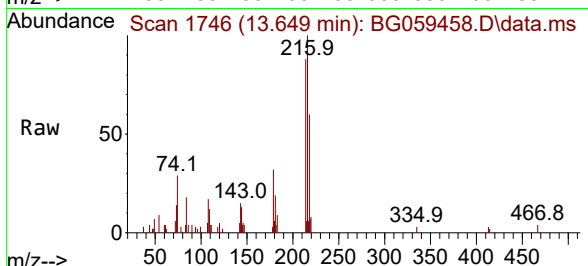
Tgt Ion:178 Resp: 55720
Ion Ratio Lower Upper
178 100
179 17.3 12.2 18.2
176 20.0 15.0 22.6





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.631 ng/uL
 RT: 13.649 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BG059458.D
 Acq: 16 Oct 2023 15:46

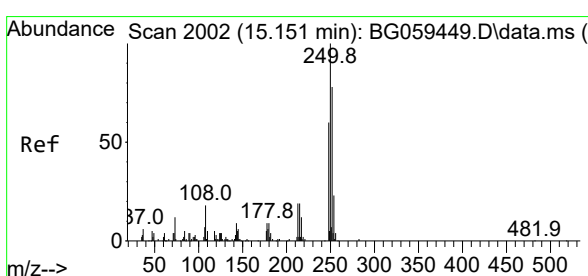
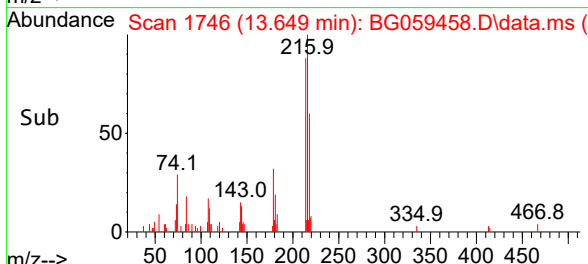
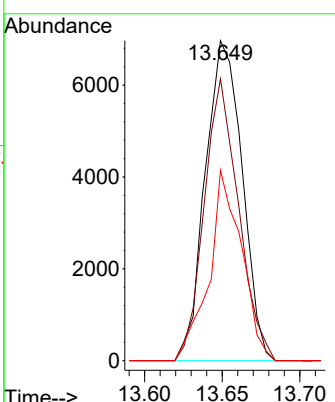
Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion: 216 Resp: 1152

Ion	Ratio	Lower	Upper
216	100		
214	94.5	62.1	93.1
218	59.5	37.4	56.0

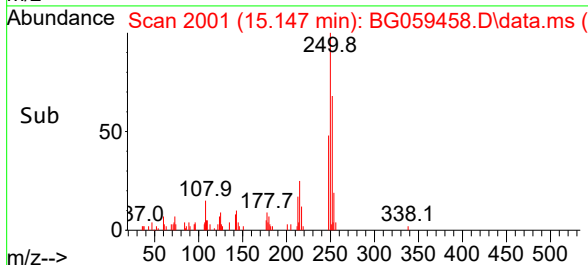
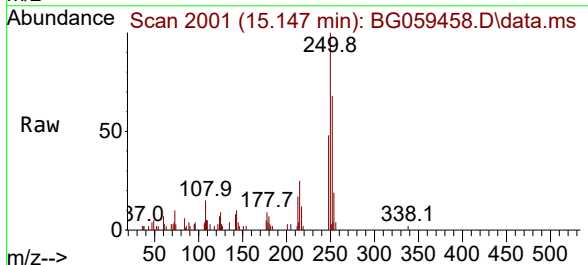
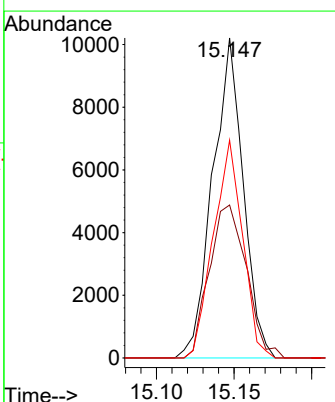
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

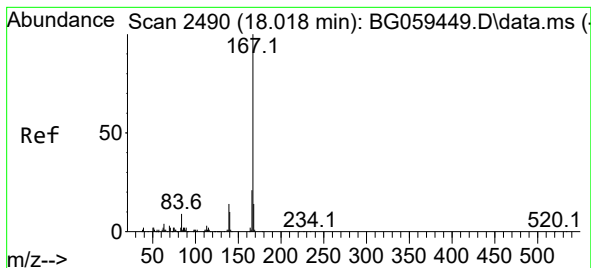


#76
 Pentachlorobenzene
 Concen: 4.547 ng/uL
 RT: 15.147 min Scan# 2001
 Delta R.T. -0.001 min
 Lab File: BG059458.D
 Acq: 16 Oct 2023 15:46

Tgt Ion: 250 Resp: 13964

Ion	Ratio	Lower	Upper
250	100		
248	47.8	50.6	75.8
252	68.1	56.4	84.6





#77

Carbazole

Concen: 3.771 ng/ul

RT: 18.014 min Scan# 2490

Delta R.T. -0.001 min

Lab File: BG059458.D

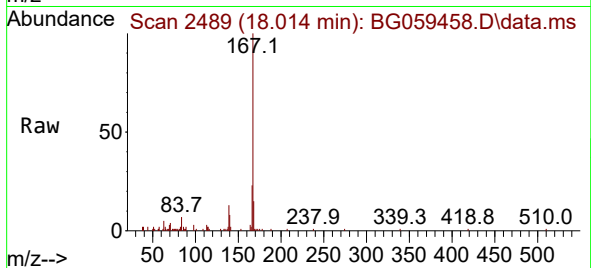
Acq: 16 Oct 2023 15:46

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05



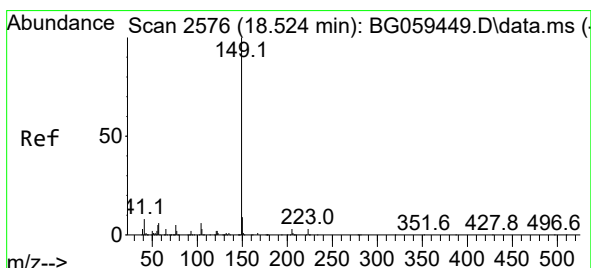
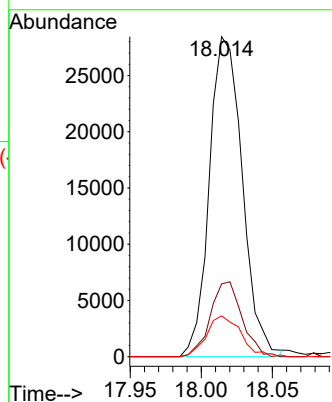
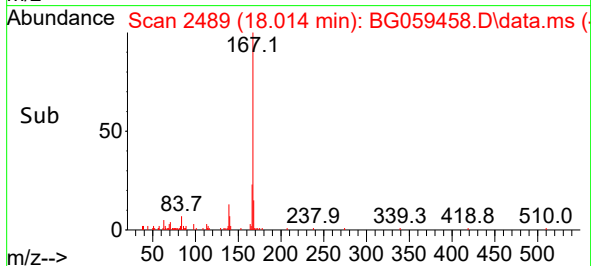
Tgt Ion:	167	Resp:	45834
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.4	26.0
139	12.8	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#78

Di-n-butylphthalate

Concen: 4.139 ng/ul

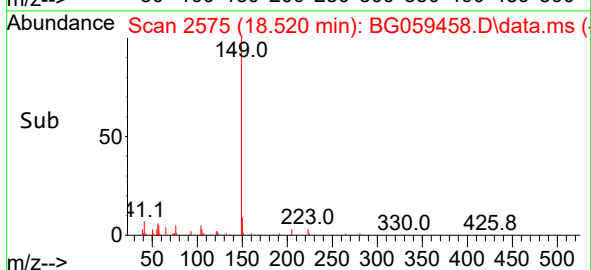
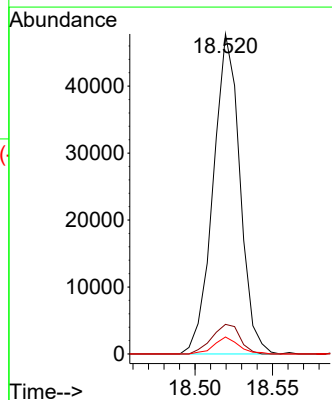
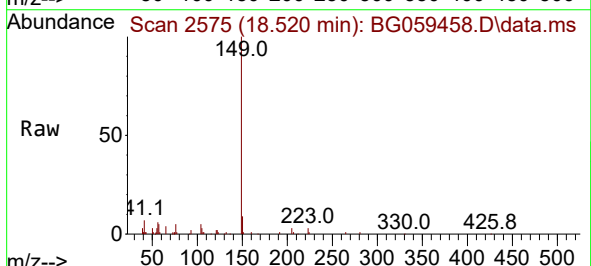
RT: 18.520 min Scan# 2575

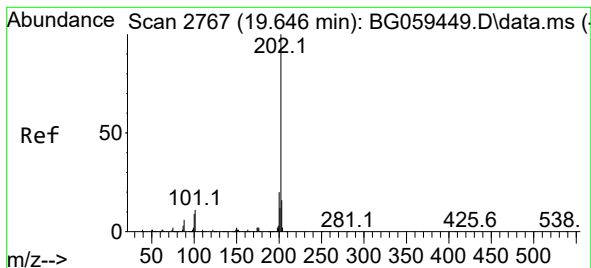
Delta R.T. -0.001 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

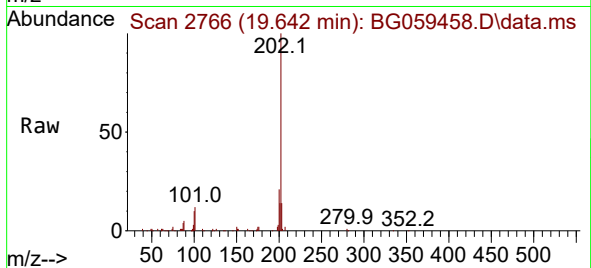
Tgt Ion:	149	Resp:	57258
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.2
104	5.3	3.7	5.5





#80
Fluoranthene
Concen: 4.177 ng/ul
RT: 19.642 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

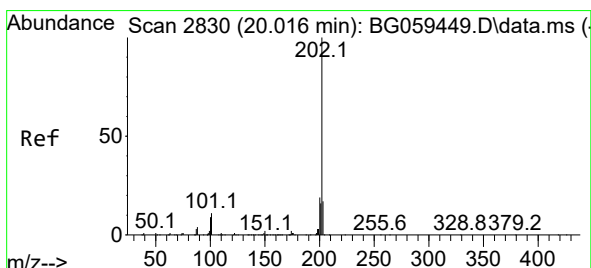
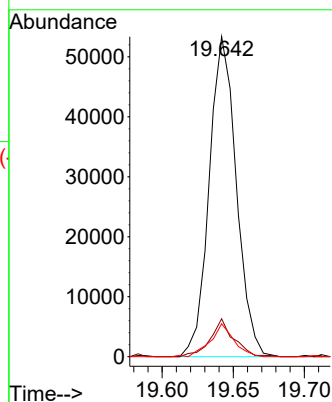
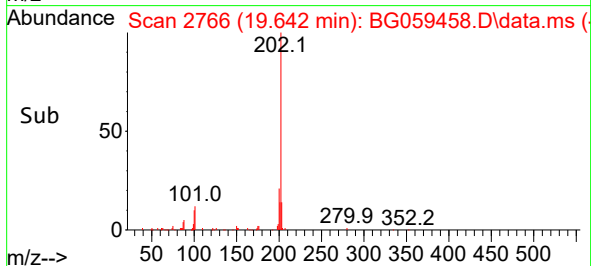
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



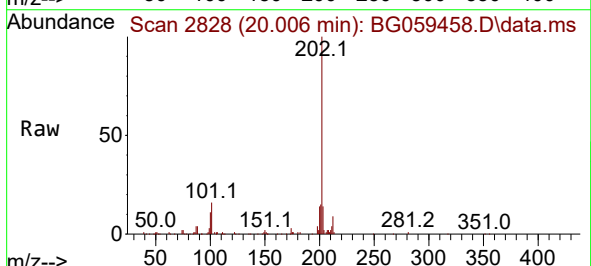
Tgt Ion:202 Resp: 70879
Ion Ratio Lower Upper
202 100
101 11.9 8.9 13.3
100 10.3 8.3 12.5

Manual Integrations
APPROVED

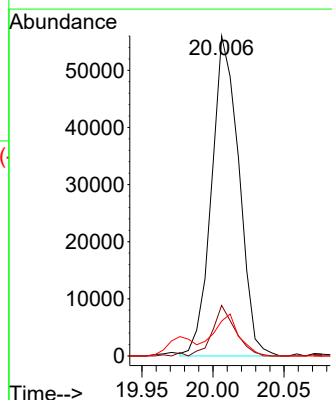
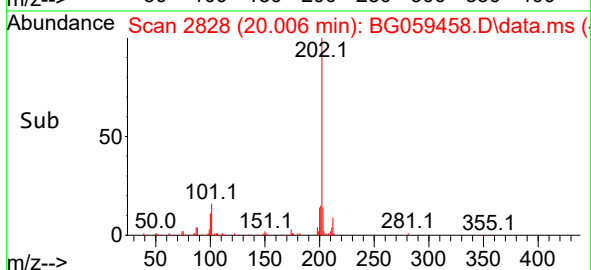
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

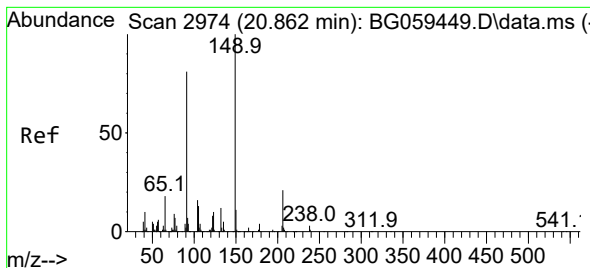


#82
Pyrene
Concen: 4.155 ng/ul
RT: 20.006 min Scan# 2828
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46



Tgt Ion:202 Resp: 74933
Ion Ratio Lower Upper
202 100
101 15.8 9.5 14.3#
100 10.9 9.8 14.8





#83

Butylbenzylphthalate

Concen: 3.988 ng/ul

RT: 20.864 min Scan# 2974

Delta R.T. -0.001 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

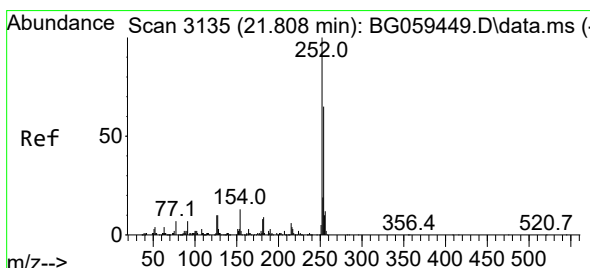
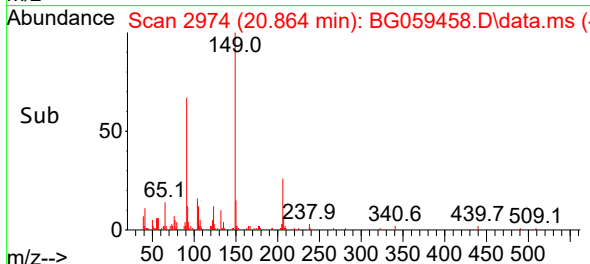
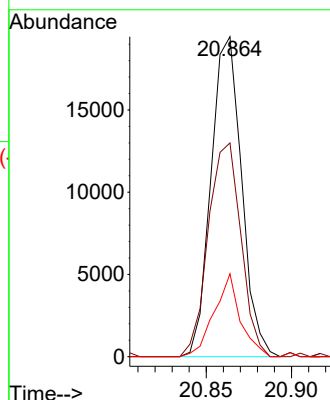
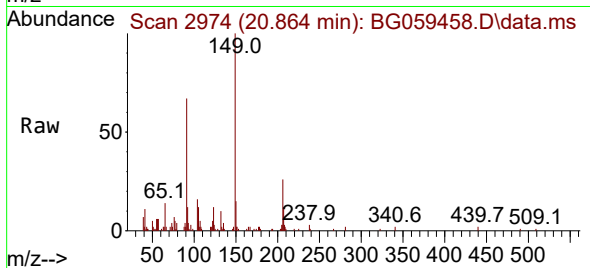
Tgt Ion:	149	Resp:	2428
Ion Ratio	Lower	Upper	
149	100		
91	66.8	66.4	99.6
206	25.9	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 5.087 ng/ul

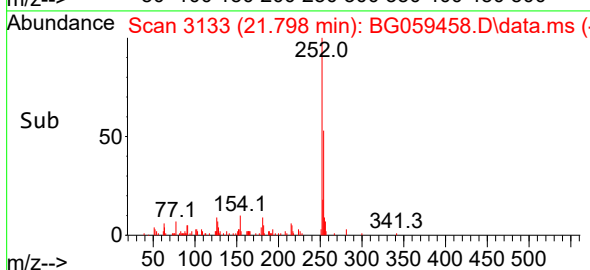
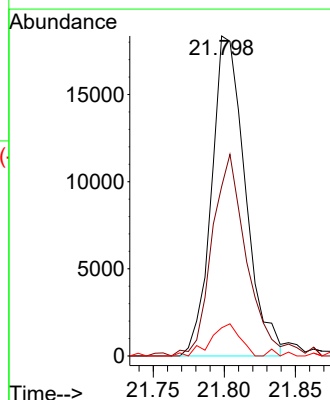
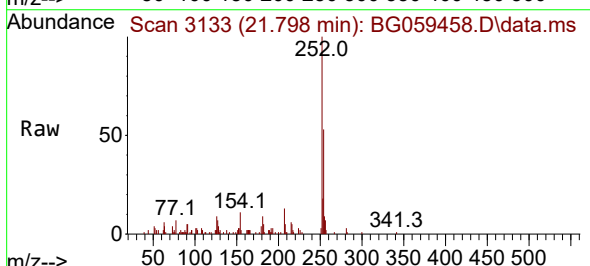
RT: 21.798 min Scan# 3133

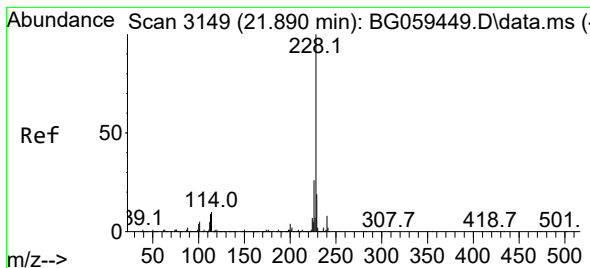
Delta R.T. -0.007 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Tgt Ion:	252	Resp:	30333
Ion Ratio	Lower	Upper	
252	100		
254	52.9	53.8	80.6
126	8.8	8.6	12.8





#85

Benzo(a)anthracene

Concen: 4.252 ng/ul

RT: 21.886 min Scan# 3119

Delta R.T. -0.001 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

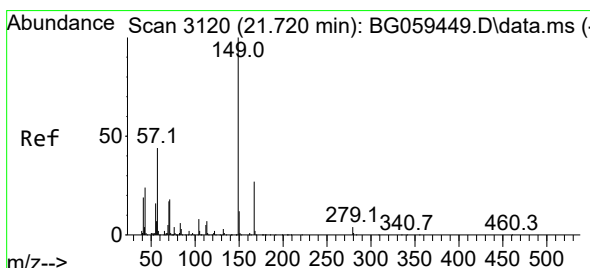
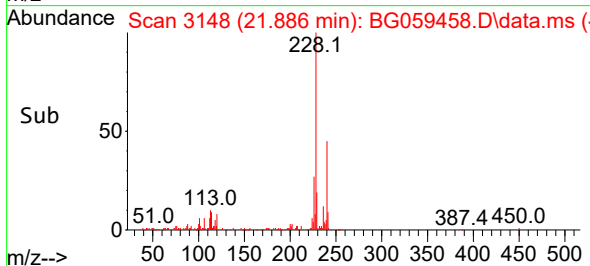
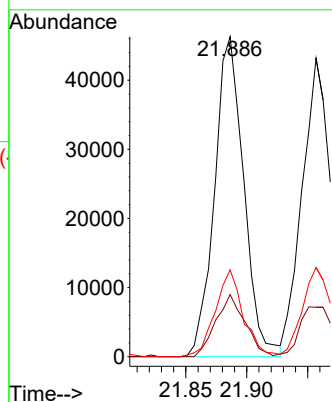
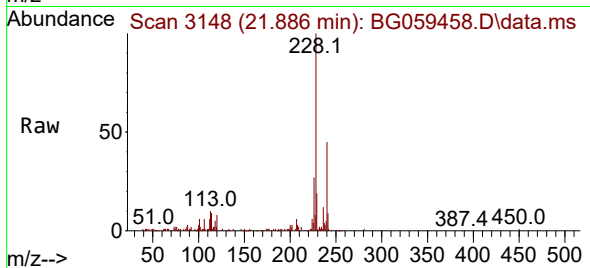
Tgt Ion:228	Resp: 7715
Ion Ratio	Lower Upper
228 100	
229 19.4	15.0 22.4
226 27.2	20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.889 ng/ul

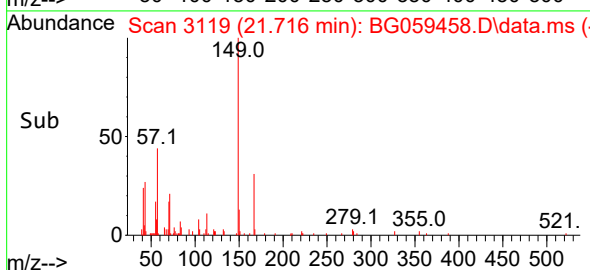
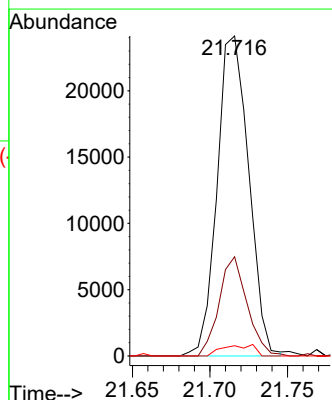
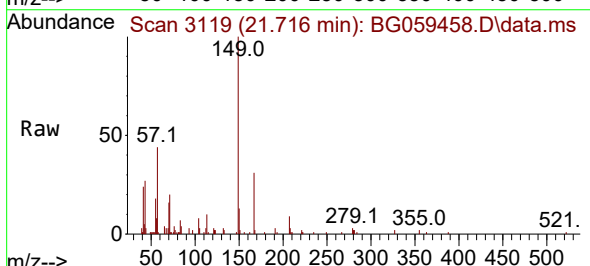
RT: 21.716 min Scan# 3119

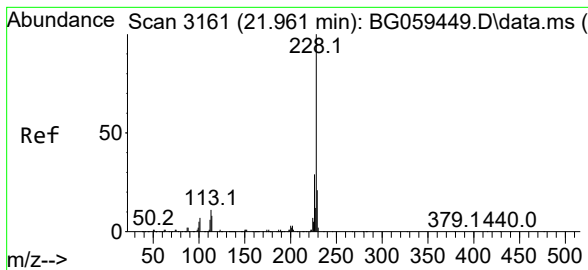
Delta R.T. -0.001 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Tgt Ion:149	Resp: 34158
Ion Ratio	Lower Upper
149 100	
167 31.0	20.8 31.2
279 3.2	2.7 4.1





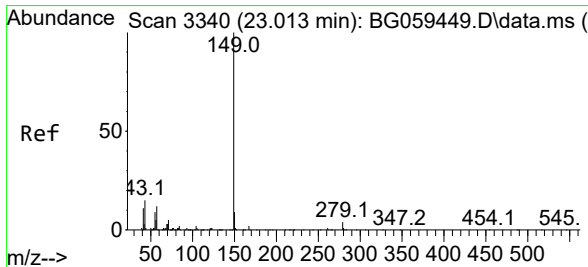
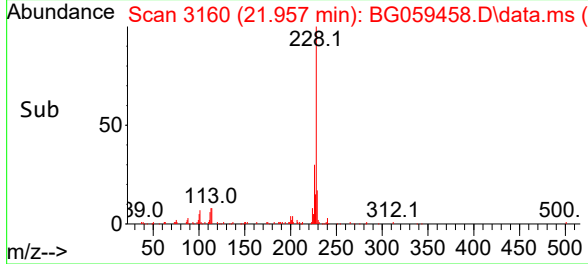
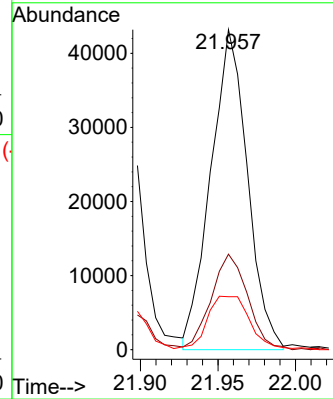
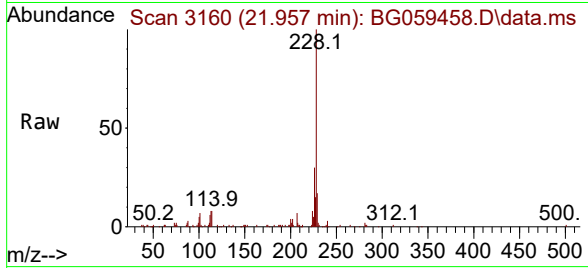
#87
Chrysene
Concen: 4.146 ng/ul
RT: 21.957 min Scan# 3160
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion:228 Resp: 70898
Ion Ratio Lower Upper
228 100
226 29.9 23.0 34.6
229 16.6 16.0 24.0

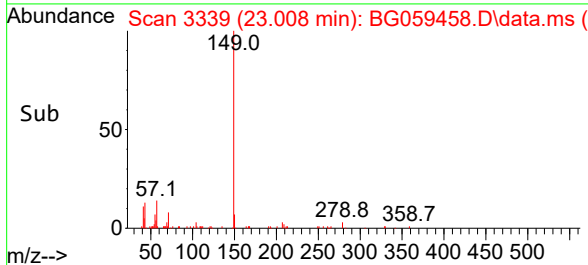
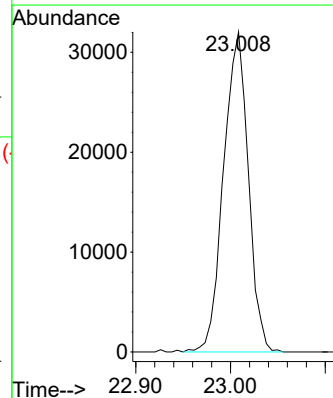
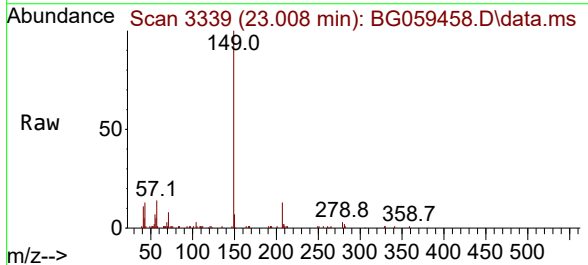
Manual Integrations
APPROVED

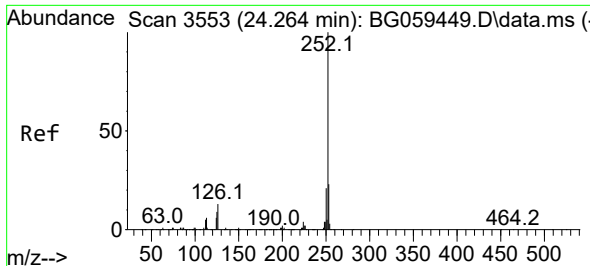
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#89
Di-n-octyl phthalate
Concen: 3.771 ng/ul
RT: 23.008 min Scan# 3339
Delta R.T. 0.005 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

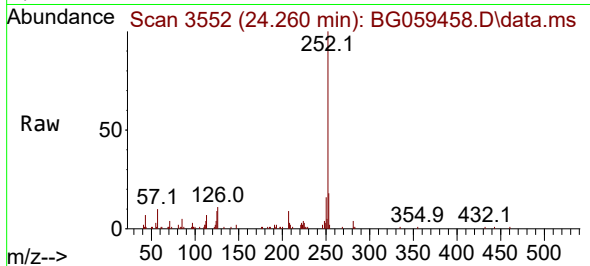
Tgt Ion:149 Resp: 58058





#90
Benzo(b)fluoranthene
Concen: 4.277 ng/ul
RT: 24.260 min Scan# 3553
Delta R.T. -0.001 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

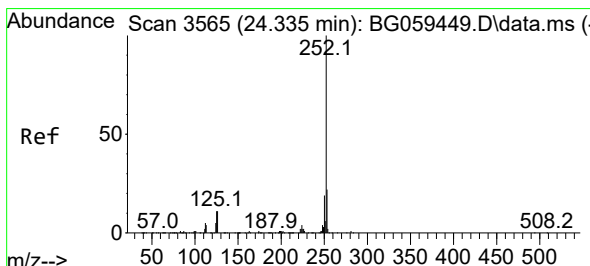
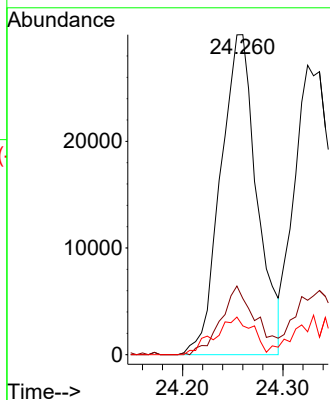
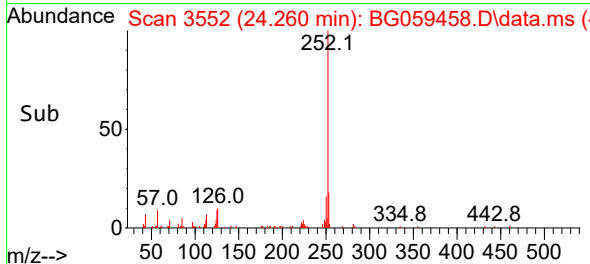
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:252 Resp: 7557
Ion Ratio Lower Upper
252 100
253 17.6 16.8 25.2
125 9.0 6.9 10.3

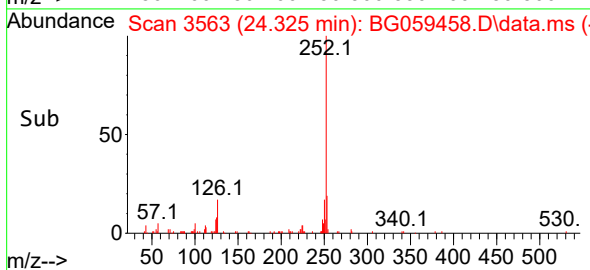
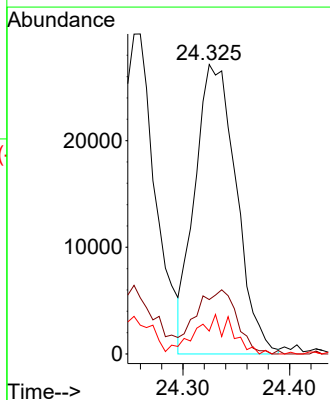
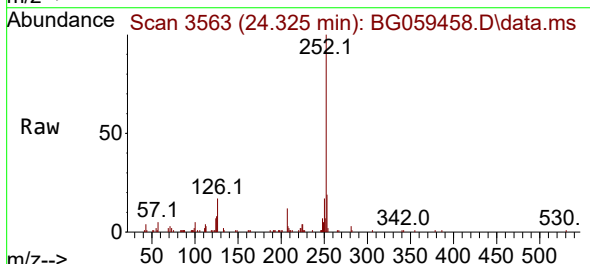
Manual Integrations
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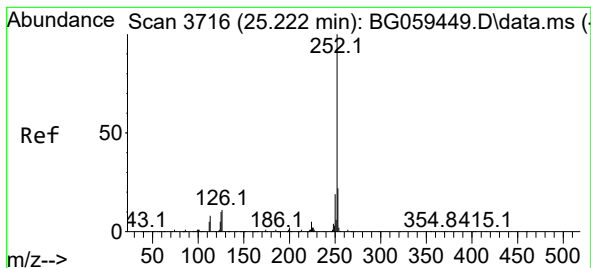
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 4.037 ng/ul
RT: 24.325 min Scan# 3563
Delta R.T. -0.007 min
Lab File: BG059458.D
Acq: 16 Oct 2023 15:46

Tgt Ion:252 Resp: 73140
Ion Ratio Lower Upper
252 100
253 18.8 17.4 26.0
125 7.9 6.9 10.3





#93

Benzo(a)pyrene

Concen: 4.262 ng/ul

RT: 25.218 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

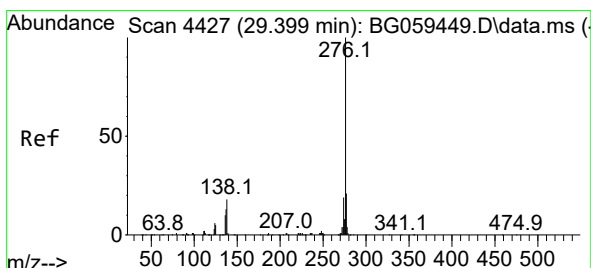
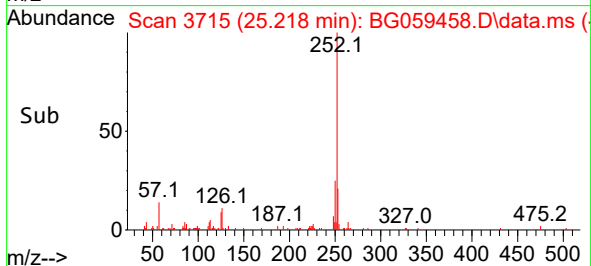
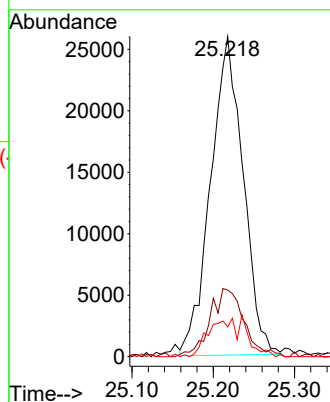
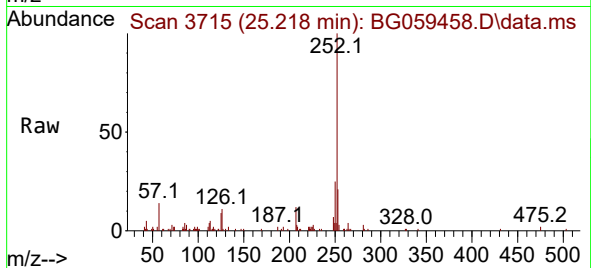
Tgt Ion:	252	Resp:	7222
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.7	26.5
125	9.3	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.169 ng/ul m

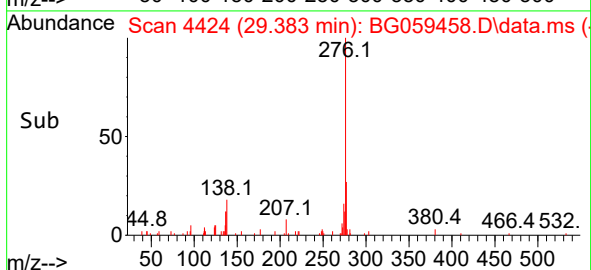
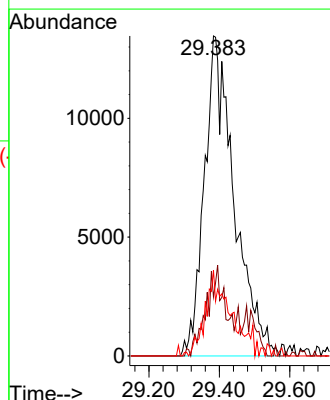
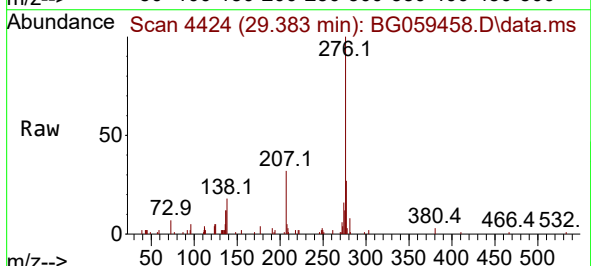
RT: 29.383 min Scan# 4424

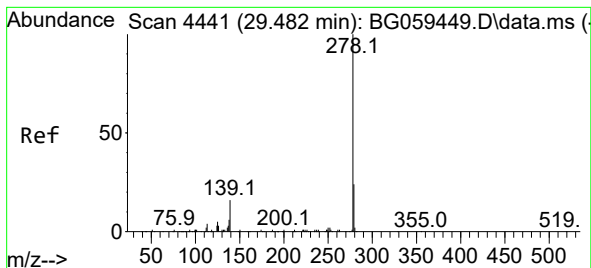
Delta R.T. -0.024 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Tgt Ion:	276	Resp:	79436
Ion Ratio	Lower	Upper	
276	100		
138	18.5	13.4	20.2
277	26.9	18.7	28.1





#95

Dibenzo(a,h)anthracene

Concen: 4.036 ng/ul m

RT: 29.477 min Scan# 4441

Delta R.T. -0.001 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

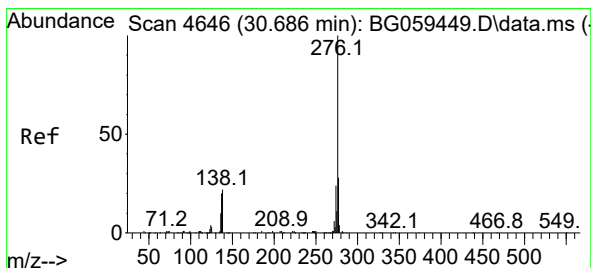
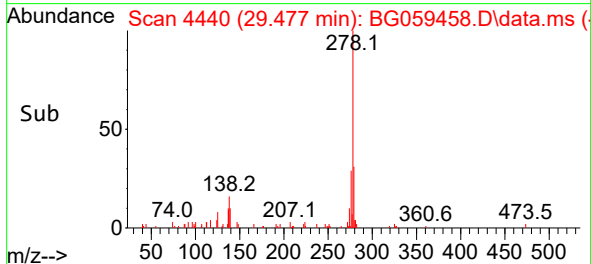
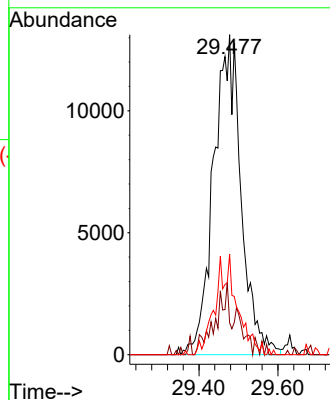
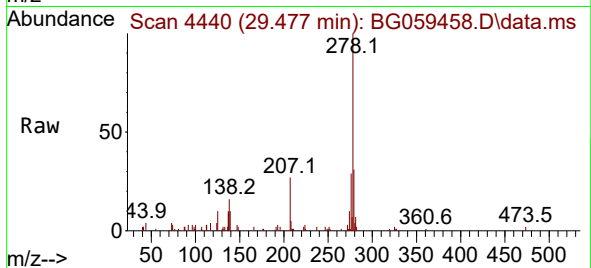
Tgt Ion:278	Resp:	6355
Ion Ratio	Lower	Upper
278	100	
139	9.9	12.1 18.1
279	31.5	20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#96

Benzo(g,h,i)perylene

Concen: 4.112 ng/ul m

RT: 30.658 min Scan# 4641

Delta R.T. -0.024 min

Lab File: BG059458.D

Acq: 16 Oct 2023 15:46

Tgt Ion:276	Resp:	63627
Ion Ratio	Lower	Upper
276	100	
138	18.3	16.5 24.7
277	21.8	12.9 19.3

