

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
 Data File : BG059457.D
 Acq On : 16 Oct 2023 15:05
 Operator : MA/JU
 Sample : 03573-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 17 03:45:25 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	29012	20.000	ng/ul	0.00
20) Naphthalene-d8	11.058	136	169058	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.853	164	85848	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.603	188	202226	20.000	ng/ul	0.00
79) Chrysene-d12	21.910	240	229033	20.000	ng/ul	0.00
88) Perylene-d12	25.394	264	255701	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.508	96	4762	5.147	ng/uL	0.00
4) Pyridine-d5	3.943	84	97800	38.625	ng/ul	0.00
7) Phenol-d5	7.345	99	78314	24.654	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.539	67	46702	25.797	ng/ul	0.00
11) 2-Chlorophenol-d4	7.732	132	55585	24.592	ng/ul	0.00
15) 4-Methylphenol-d8	8.913	113	55697	22.996	ng/ul	0.00
21) Nitrobenzene-d5	9.413	128	29501	21.130	ng/ul	0.00
24) 2-Nitrophenol-d4	10.135	143	29847	21.900	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.664	165	74221	26.206	ng/ul	0.00
31) 4-Chloroaniline-d4	11.205	131	95935	21.344	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	184828	25.411	ng/ul	0.00
49) Acenaphthylene-d8	14.560	160	222315	25.349	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	29631	23.585	ng/ul	0.00
60) Fluorene-d10	15.841	176	172085	25.135	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	31572	25.551	ng/ul	0.00
73) Anthracene-d10	17.703	188	269590	25.930	ng/ul	0.00
81) Pyrene-d10	19.983	212	339678	24.418	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.147	264	367891	26.280	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.555	88	1242	1.079	ng/ul#	74
5) Pyridine	3.966	79	14675	5.868	ng/ul#	65
6) Benzaldehyde	7.362	77	6912m	4.949	ng/ul	
8) Phenol	7.368	94	12506	3.951	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.633	93	9729	3.922	ng/ul#	80
12) 2-Chlorophenol	7.762	128	9168	3.951	ng/ul#	87
13) 2-Methylphenol	8.643	108	8089	3.486	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.731	45	21000	4.043	ng/ul#	94
16) Acetophenone	9.060	105	13185	3.627	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.019	70	6631	3.977	ng/ul#	90
18) 4-Methylphenol	8.972	108	9666m	3.843	ng/ul	
19) Hexachloroethane	9.307	117	3589	4.017	ng/ul#	63
22) Nitrobenzene	9.460	77	10562	3.391	ng/ul#	83
23) Isophorone	9.959	82	22434	3.391	ng/ul#	89
25) 2-Nitrophenol	10.165	139	4482	3.007	ng/ul#	74
26) 2,4-Dimethylphenol	10.194	107	9117	2.921	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.447	93	20251	4.792	ng/ul	96
29) 2,4-Dichlorophenol	10.694	162	12078	4.425	ng/ul	93
30) Naphthalene	11.111	128	42363	4.163	ng/ul#	95
32) 4-Chloroaniline	11.234	127	13533	3.207	ng/ul#	76
33) Hexachlorobutadiene	11.340	225	6762	3.745	ng/ul#	88
34) Caprolactam	12.010	113	3023	3.136	ng/ul#	72
35) 4-Chloro-3-methylphenol	12.309	107	7944	2.849	ng/ul#	95
36) 2-Methylnaphthalene	12.697	142	21026	3.203	ng/ul	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
 Data File : BG059457.D
 Acq On : 16 Oct 2023 15:05
 Operator : MA/JU
 Sample : 03573-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 10 Sample Multiplier: 1

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

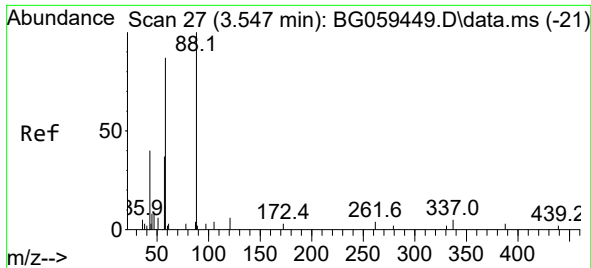
Quant Time: Oct 17 03:45:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 17:05:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

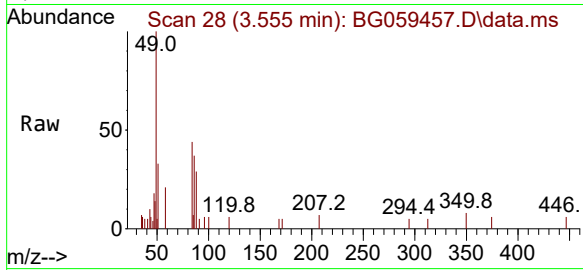
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.915	142	23152	3.463	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	13.044	216	11403	4.113	ng/ul	95
40) Hexachlorocyclopentadiene	12.991	237	8821	5.501	ng/ul#	72
41) 2,4,6-Trichlorophenol	13.285	196	6438	3.778	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.361	196	7065	3.767	ng/ul	92
43) 1,1'-Biphenyl	13.690	154	30350	3.953	ng/ul	90
44) 2-Chloronaphthalene	13.749	162	23010	3.917	ng/ul#	90
45) 2-Nitroaniline	13.966	65	6330m	4.056	ng/ul	
47) Dimethylphthalate	14.295	163	29922	4.105	ng/ul#	94
48) 2,6-Dinitrotoluene	14.448	165	5049	3.761	ng/ul#	91
50) Acenaphthylene	14.589	152	37802	4.079	ng/ul#	94
51) 3-Nitroaniline	14.777	138	4896	3.441	ng/ul#	81
52) Acenaphthene	14.918	153	24634	3.884	ng/ul	93
53) 2,4-Dinitrophenol	14.977	184	5631	7.927	ng/ul#	73
55) 4-Nitrophenol	15.059	109	2930	3.316	ng/ul#	39
56) Dibenzofuran	15.247	168	35309	4.117	ng/ul	96
57) 2,4-Dinitrotoluene	15.218	165	8037	4.256	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.465	232	5757	3.436	ng/ul#	93
59) Diethylphthalate	15.641	149	29946	4.251	ng/ul#	89
61) Fluorene	15.899	166	30552	4.246	ng/ul#	96
62) 4-Chlorophenyl-phenyle...	15.888	204	14552	4.029	ng/ul	100
63) 4-Nitroaniline	15.940	138	5747	4.172	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.970	198	4685	3.546	ng/ul#	53
67) N-Nitrosodiphenylamine	16.099	169	22845	3.865	ng/ul	96
68) 4-Bromophenyl-phenylether	16.781	248	8645	3.900	ng/ul	96
69) Hexachlorobenzene	16.875	284	10856	4.272	ng/ul#	81
70) Atrazine	17.033	200	11194	4.798	ng/ul	91
71) Pentachlorophenol	17.233	266	8297	5.760	ng/ul	96
72) Phenanthrene	17.650	178	53002	4.215	ng/ul	96
74) Anthracene	17.738	178	54048	4.170	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.649	216	11071	3.801	ng/ul	94
76) Pentachlorobenzene	15.147	250	13158	4.670	ng/ul#	84
77) Carbazole	18.020	167	43913	3.937	ng/ul	98
78) Di-n-butylphthalate	18.520	149	52281	4.118	ng/ul	96
80) Fluoranthene	19.642	202	65242	3.861	ng/ul	97
82) Pyrene	20.012	202	71101	3.959	ng/ul#	95
83) Butylbenzylphthalate	20.864	149	22941	3.783	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.804	252	29291	4.933	ng/ul	94
85) Benzo(a)anthracene	21.886	228	72705	4.024	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.716	149	35213	4.026	ng/ul	98
87) Chrysene	21.957	228	71401	4.194	ng/ul	94
89) Di-n-octyl phthalate	23.009	149	57390	3.793	ng/ul	100
90) Benzo(b)fluoranthene	24.254	252	74006	4.261	ng/ul	96
91) Benzo(k)fluoranthene	24.331	252	74044	4.159	ng/ul	96
93) Benzo(a)pyrene	25.224	252	71826	4.313	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.389	276	78366m	4.184	ng/ul	
95) Dibenzo(a,h)anthracene	29.466	278	62870m	4.062	ng/ul	
96) Benzo(g,h,i)perylene	30.670	276	61403m	4.038	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.079 ng/uL
RT: 3.555 min Scan# 27
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

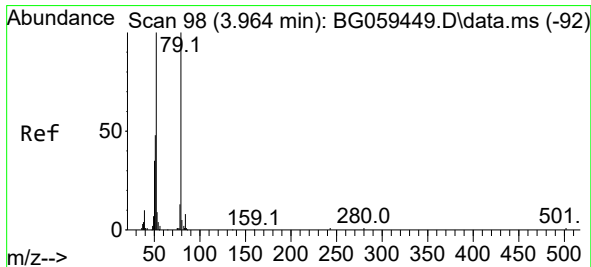
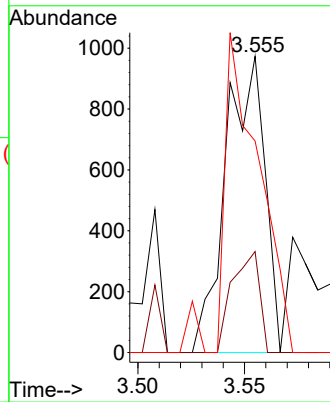
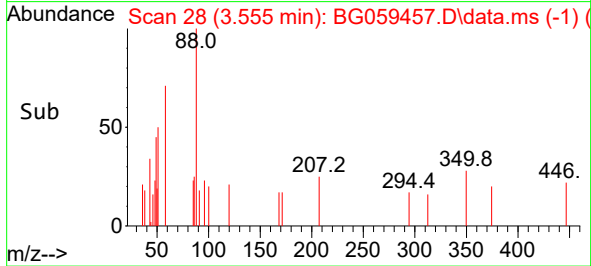
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



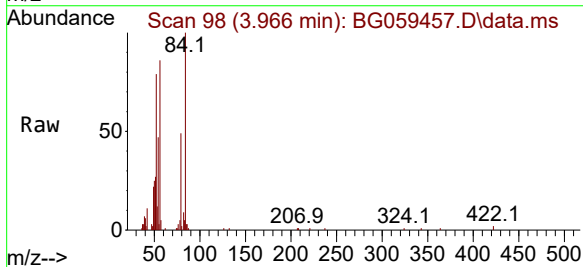
Tgt Ion: 88 Resp: 124
Ion Ratio Lower Upper
88 100
43 34.1 21.7 32.5
58 71.4 80.7 121.1

Manual Integrations
APPROVED

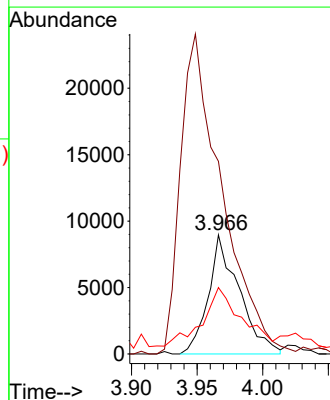
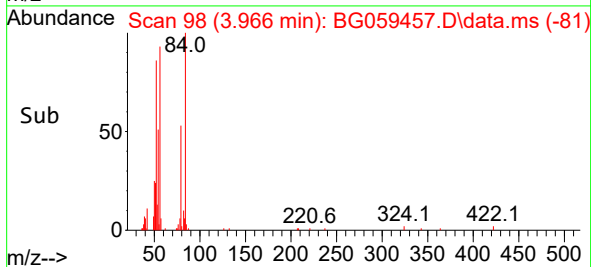
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

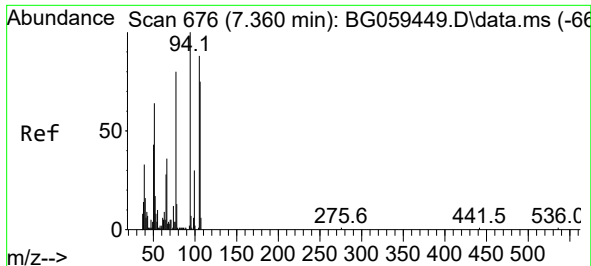


#5
Pyridine
Concen: 5.868 ng/uL
RT: 3.966 min Scan# 98
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05



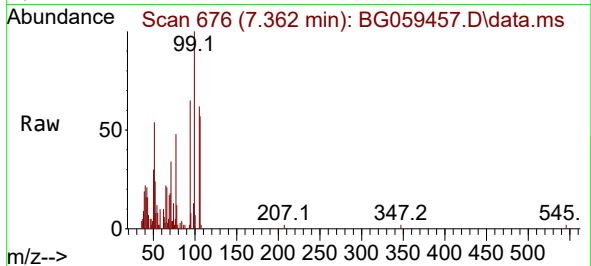
Tgt Ion: 79 Resp: 14675
Ion Ratio Lower Upper
79 100
52 161.7 87.2 130.8
51 55.8 41.9 62.9





#6
Benzaldehyde
Concen: 4.949 ng/ul m
RT: 7.362 min Scan# 676
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

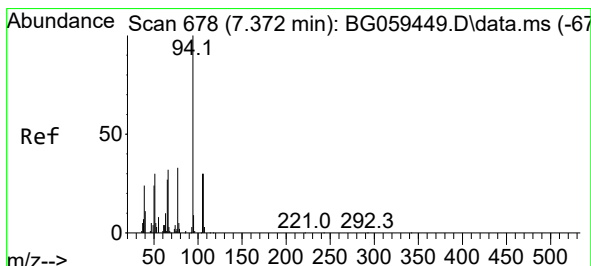
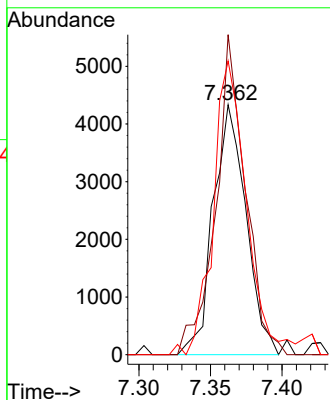
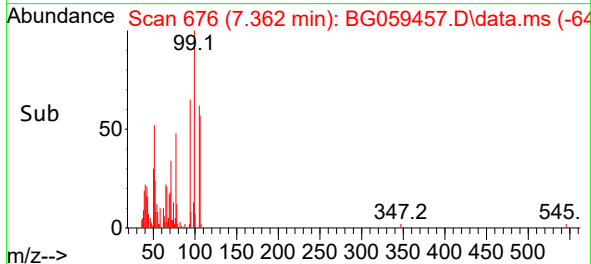
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-05



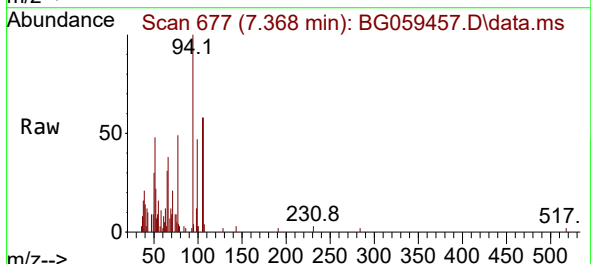
Tgt Ion: 77 Resp: 6912
Ion Ratio Lower Upper
77 100
105 128.1 90.0 135.0
106 117.6 80.3 120.5

Manual Integrations
APPROVED

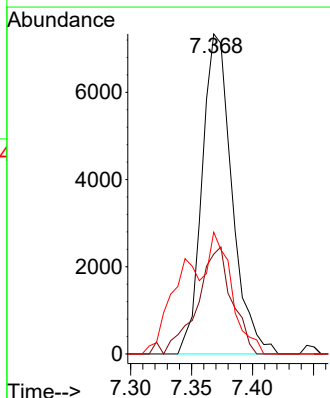
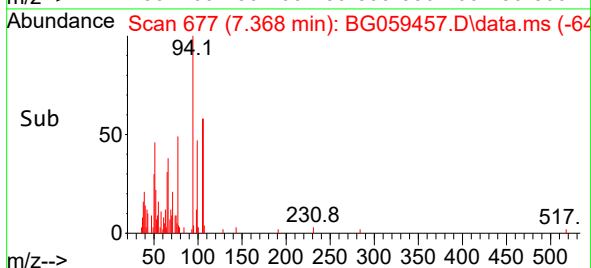
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

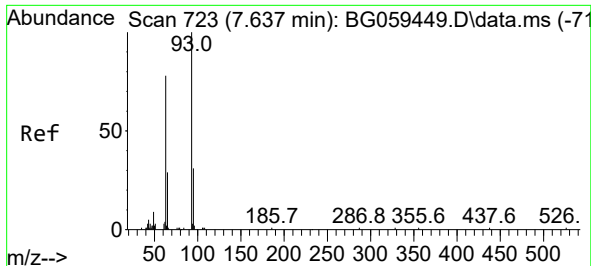


#8
Phenol
Concen: 3.951 ng/ul
RT: 7.368 min Scan# 677
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05



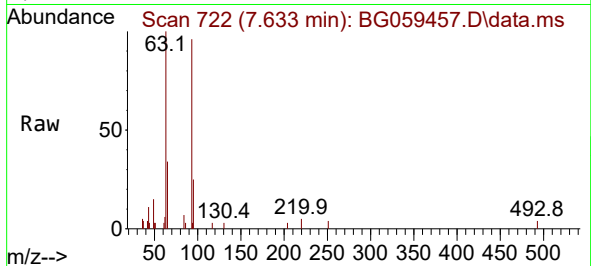
Tgt Ion: 94 Resp: 12506
Ion Ratio Lower Upper
94 100
65 31.2 20.9 31.3
66 38.1 31.1 46.7





#10
Bis(2-Chloroethyl)ether
Concen: 3.922 ng/ul
RT: 7.633 min Scan# 723
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

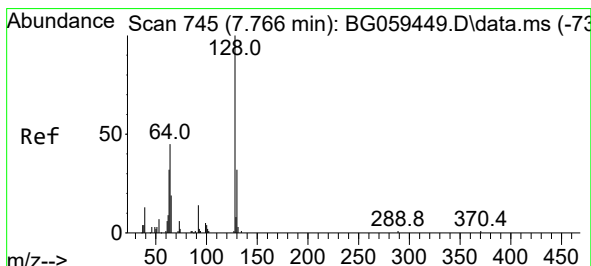
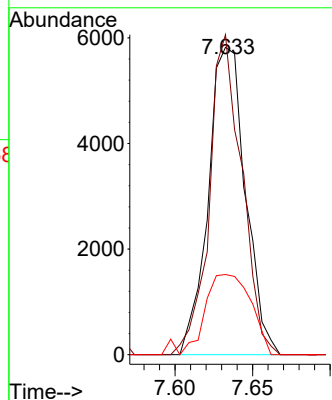
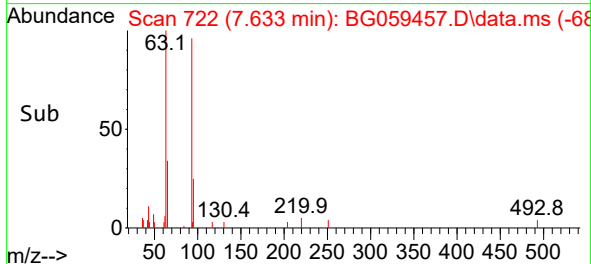
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-05



Tgt Ion: 93 Resp: 9729
Ion Ratio Lower Upper
93 100
63 104.1 65.4 98.0
95 26.1 23.8 35.6

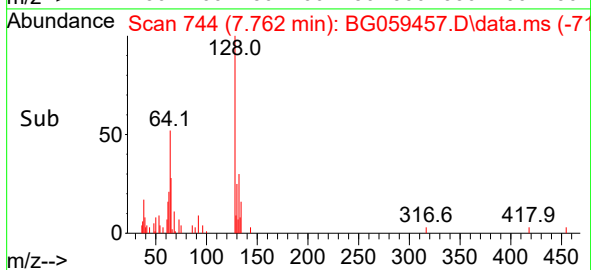
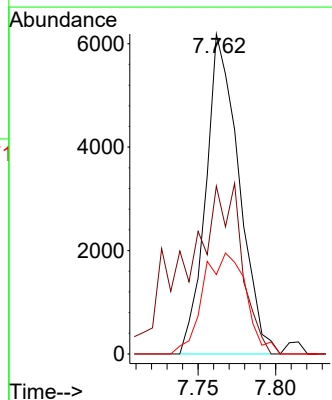
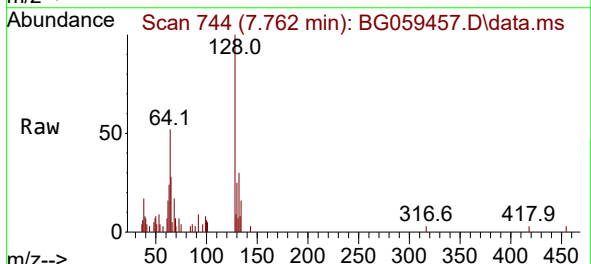
Manual Integrations
APPROVED

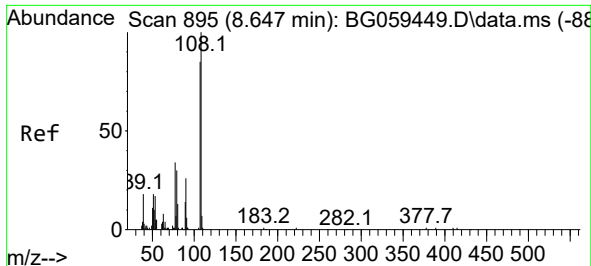
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 3.951 ng/ul
RT: 7.762 min Scan# 744
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

Tgt Ion:128 Resp: 9168
Ion Ratio Lower Upper
128 100
64 52.4 35.6 53.4
130 24.8 26.2 39.4





#13

2-Methylphenol

Concen: 3.486 ng/ul

RT: 8.643 min Scan# 895

Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:108 Resp: 8089

Ion Ratio Lower Upper

108 100

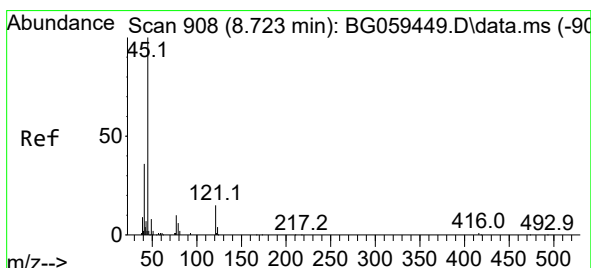
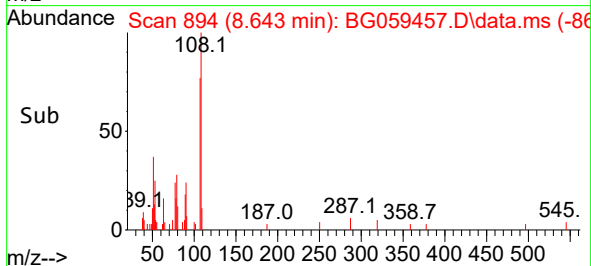
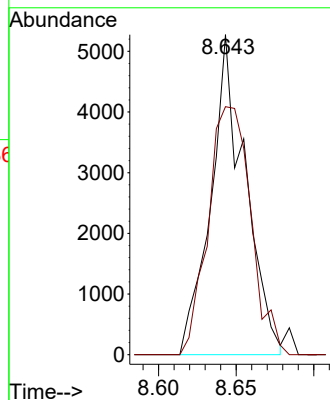
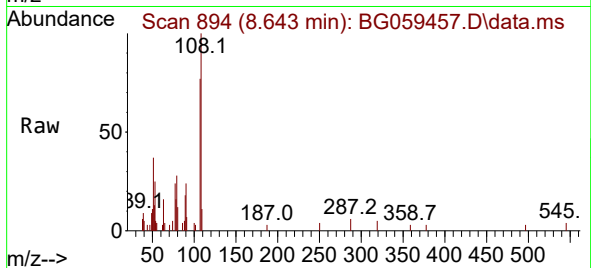
107 77.5 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.043 ng/ul

RT: 8.731 min Scan# 909

Delta R.T. 0.011 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

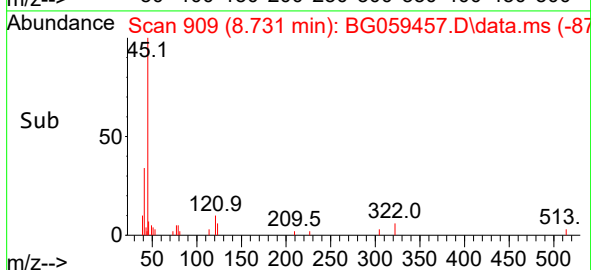
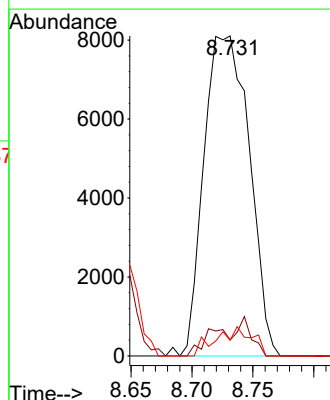
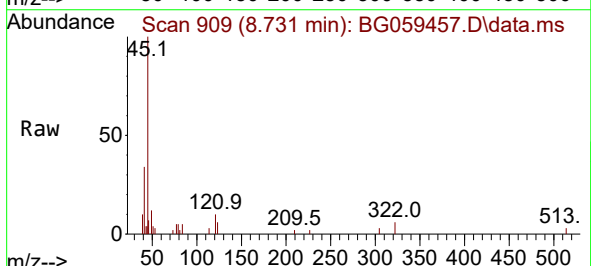
Tgt Ion: 45 Resp: 21000

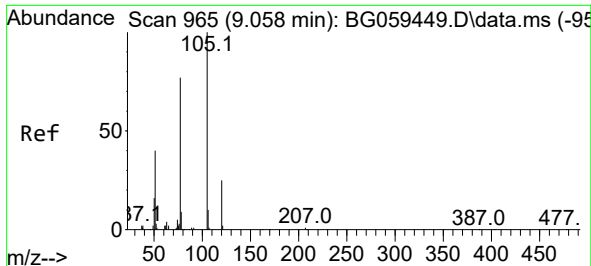
Ion Ratio Lower Upper

45 100

77 5.0 6.8 10.2#

79 4.9 3.8 5.8





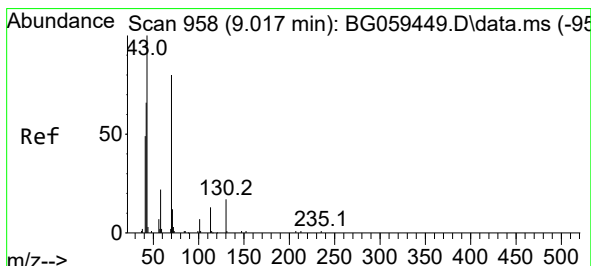
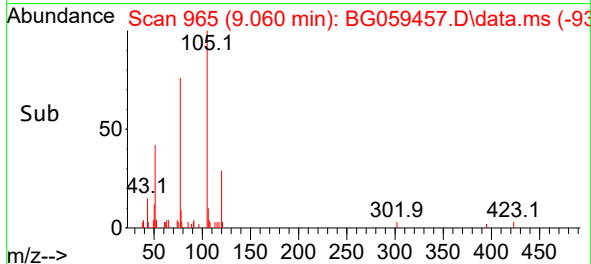
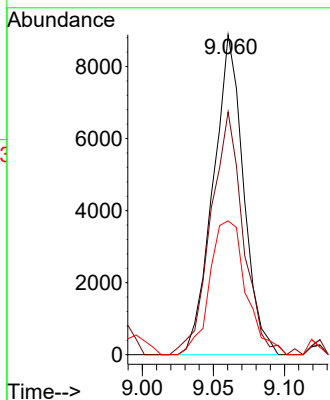
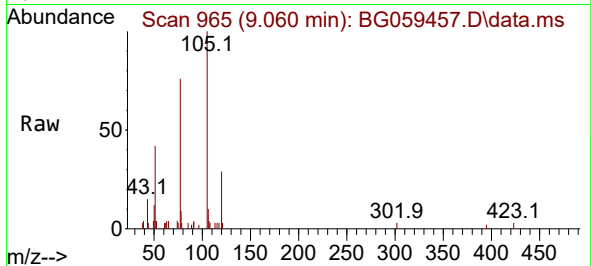
#16
Acetophenone
Concen: 3.627 ng/ul
RT: 9.060 min Scan# 901
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

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

Tgt Ion:105 Resp: 1318
Ion Ratio Lower Upper
105 100
77 75.9 57.7 86.5
51 41.8 29.7 44.5

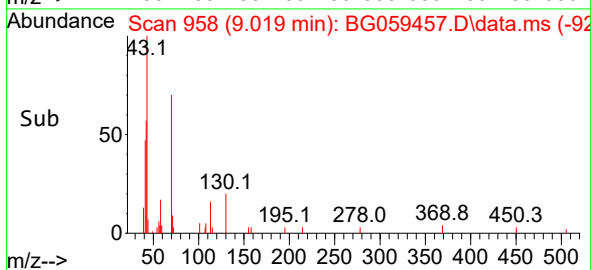
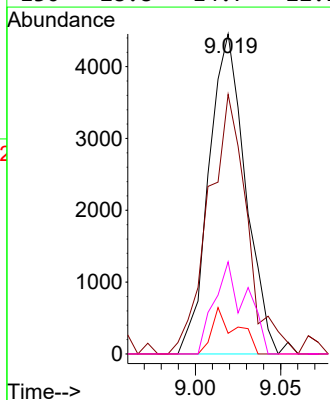
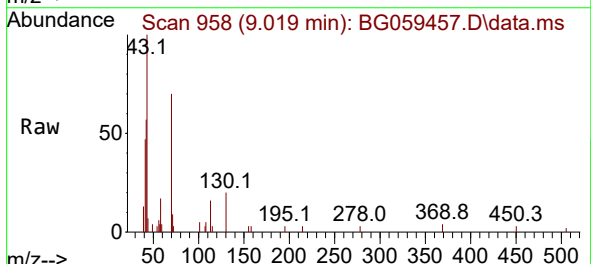
Manual Integrations
APPROVED

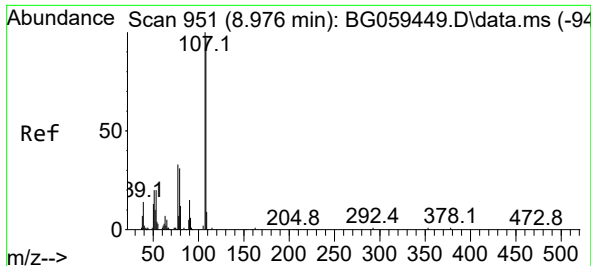
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.977 ng/ul
RT: 9.019 min Scan# 958
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

Tgt Ion: 70 Resp: 6631
Ion Ratio Lower Upper
70 100
42 81.1 70.0 105.0
101 6.5 7.2 10.8#
130 28.8 14.7 22.1#





#18

4-Methylphenol

Concen: 3.843 ng/ul m

RT: 8.972 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:108 Resp: 966

Ion Ratio Lower Upper

108 100

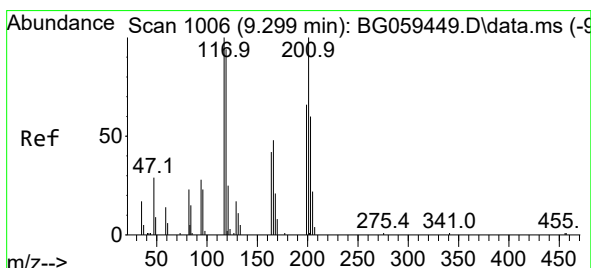
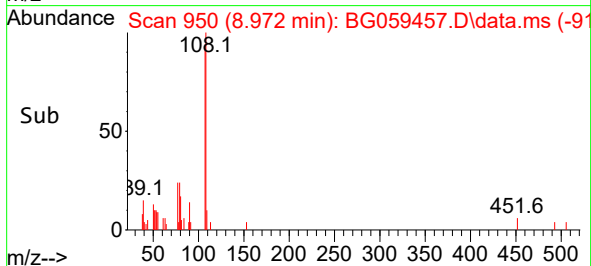
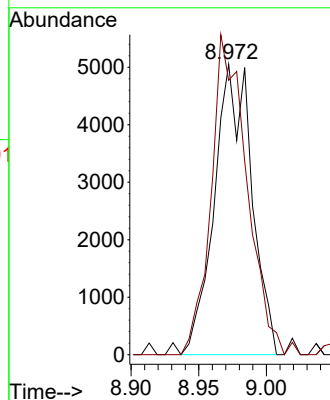
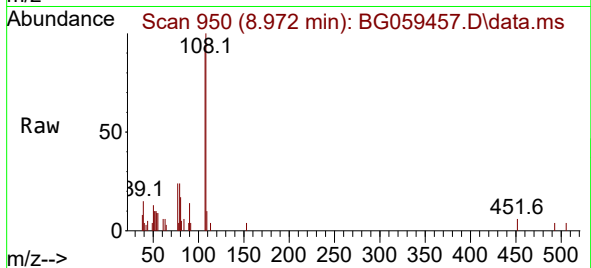
107 94.5 83.4 125.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#19

Hexachloroethane

Concen: 4.017 ng/ul

RT: 9.307 min Scan# 1007

Delta R.T. 0.005 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

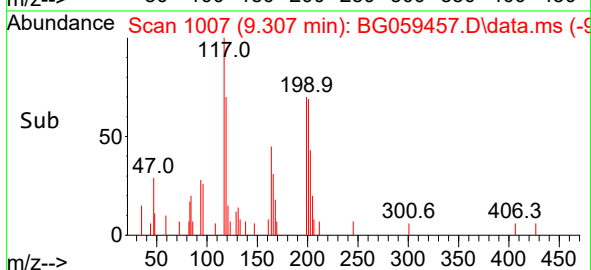
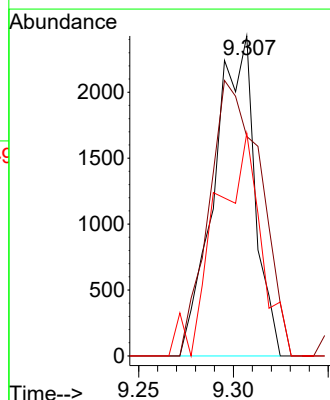
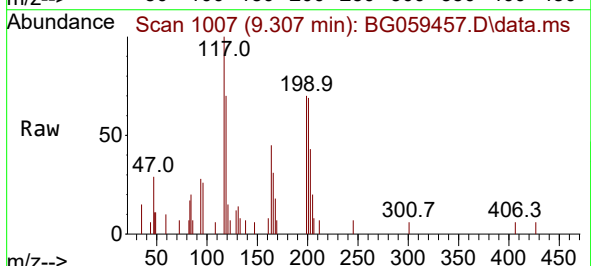
Tgt Ion:117 Resp: 3589

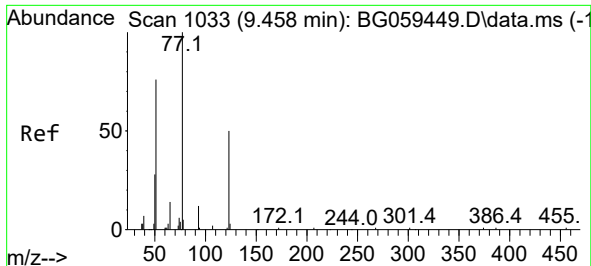
Ion Ratio Lower Upper

117 100

201 68.6 97.4 146.2#

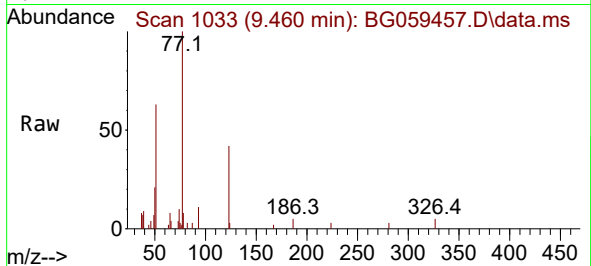
199 69.6 73.6 110.4#





#22
Nitrobenzene
Concen: 3.391 ng/ul
RT: 9.460 min Scan# 1033
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

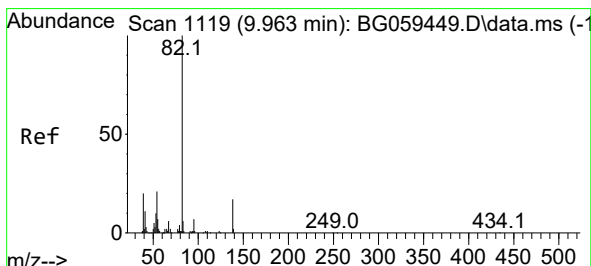
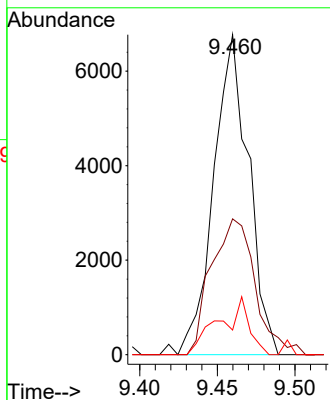
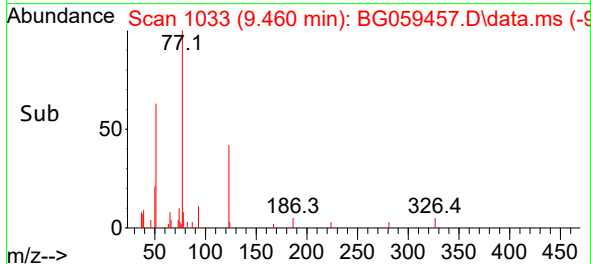
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-05



Tgt Ion: 77 Resp: 10562
Ion Ratio Lower Upper
77 100
123 42.4 43.5 65.3#
65 7.7 12.1 18.1#

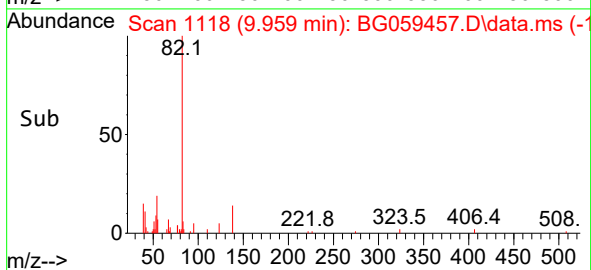
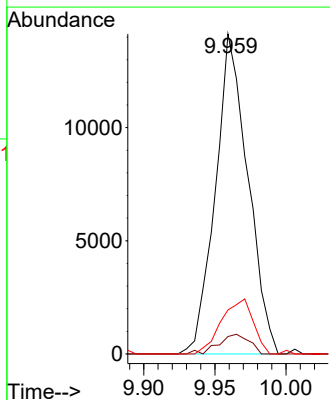
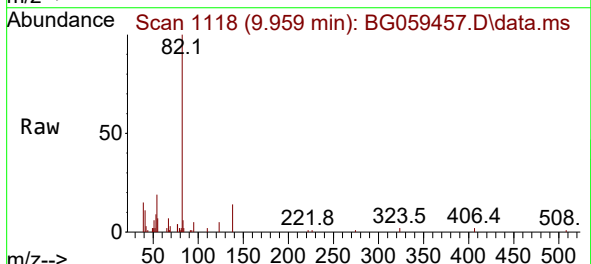
Manual Integrations
APPROVED

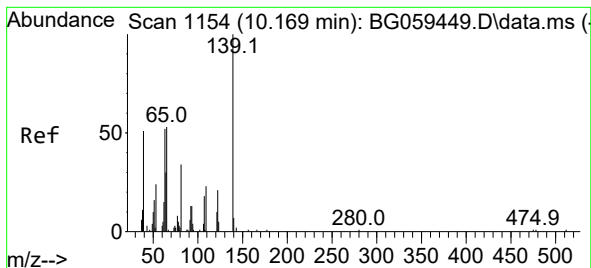
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#23
Isophorone
Concen: 3.391 ng/ul
RT: 9.959 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

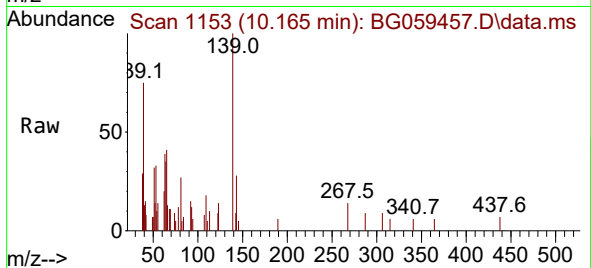
Tgt Ion: 82 Resp: 22434
Ion Ratio Lower Upper
82 100
95 5.4 6.1 9.1#
138 13.7 15.5 23.3#





#25
2-Nitrophenol
Concen: 3.007 ng/ul
RT: 10.165 min Scan# 1153
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

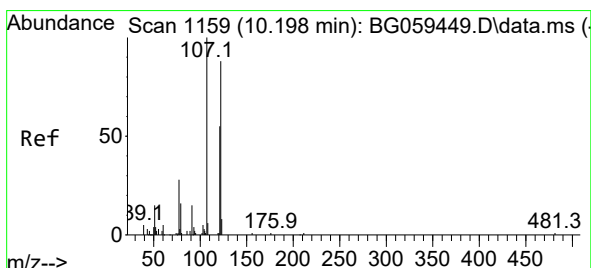
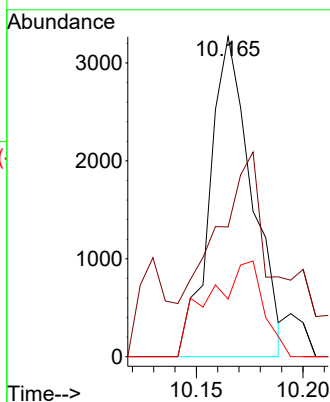
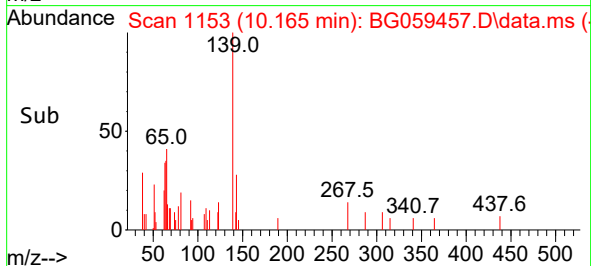
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



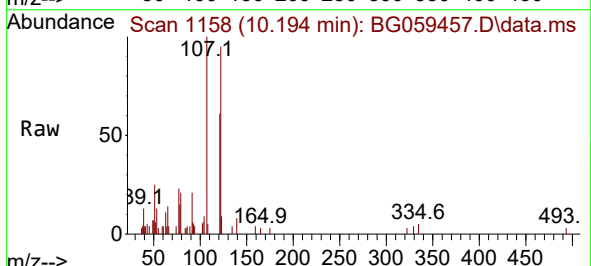
Tgt Ion:139 Resp: 448
Ion Ratio Lower Upper
139 100
65 40.6 49.4 74.0
109 18.0 23.9 35.9

Manual Integrations
APPROVED

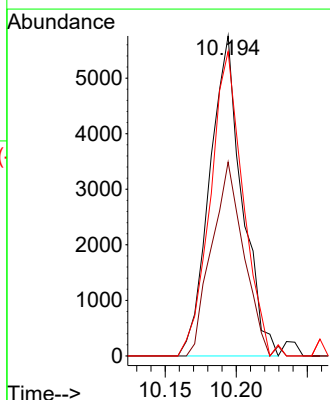
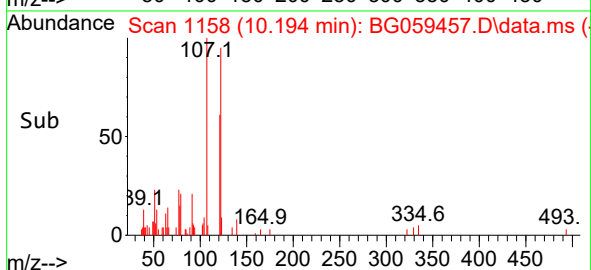
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

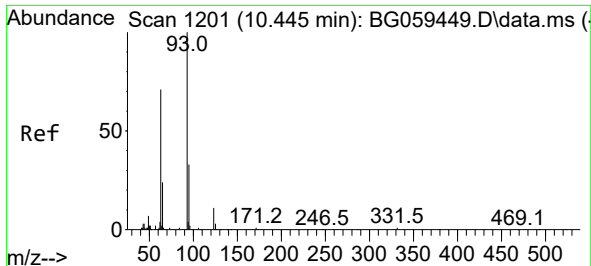


#26
2,4-Dimethylphenol
Concen: 2.921 ng/ul
RT: 10.194 min Scan# 1158
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05



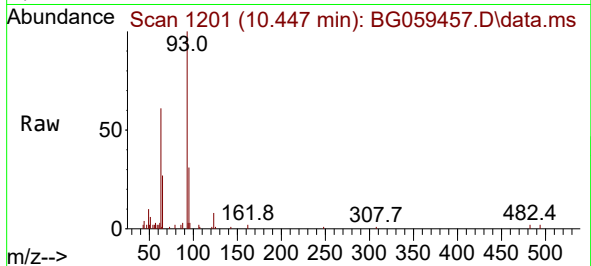
Tgt Ion:107 Resp: 9117
Ion Ratio Lower Upper
107 100
121 60.6 44.0 66.0
122 95.2 65.1 97.7





#27
Bis(2-Chloroethoxy)methane
Concen: 4.792 ng/ul
RT: 10.447 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

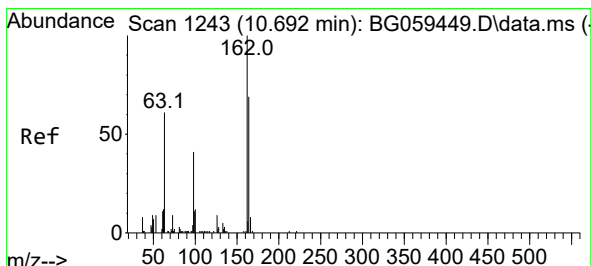
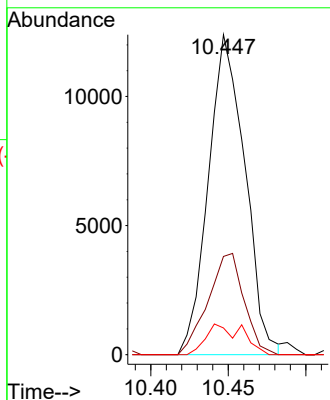
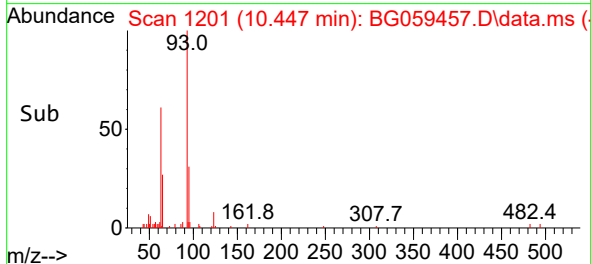
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:	93	Resp:	2025
Ion Ratio	Lower	Upper	
93	100		
95	30.7	26.1	39.1
123	8.3	8.0	12.0

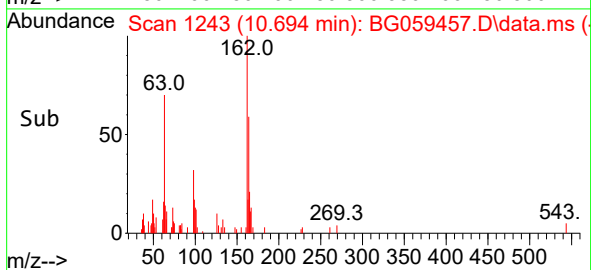
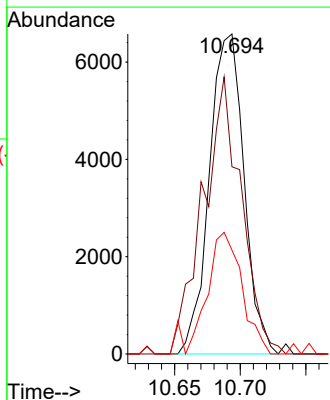
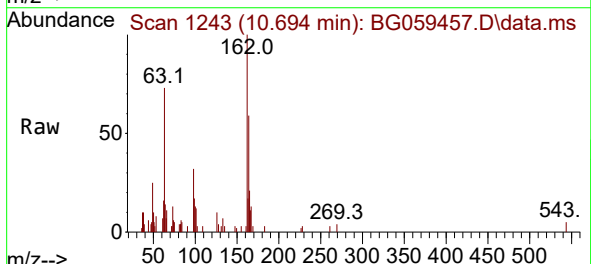
Manual Integrations
APPROVED

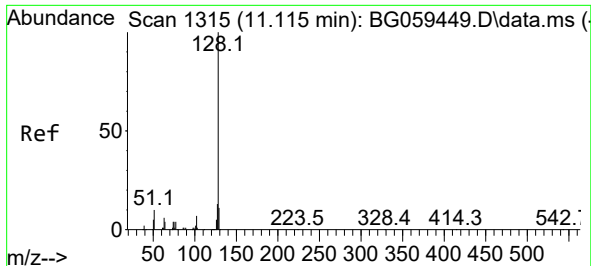
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#29
2,4-Dichlorophenol
Concen: 4.425 ng/ul
RT: 10.694 min Scan# 1243
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

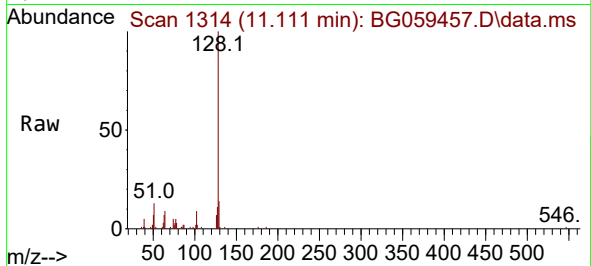
Tgt Ion:	162	Resp:	12078
Ion Ratio	Lower	Upper	
162	100		
164	58.5	53.5	80.3
98	32.4	26.2	39.4





#30
Naphthalene
Concen: 4.163 ng/ul
RT: 11.111 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

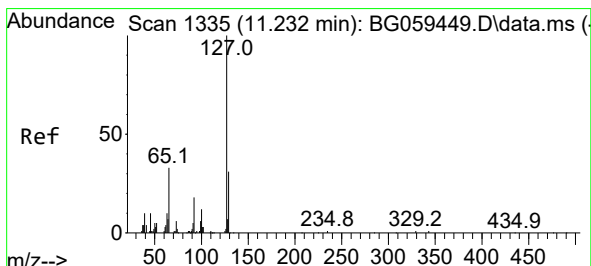
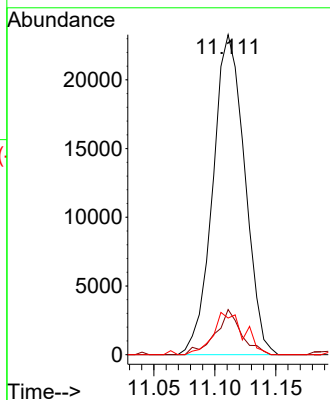
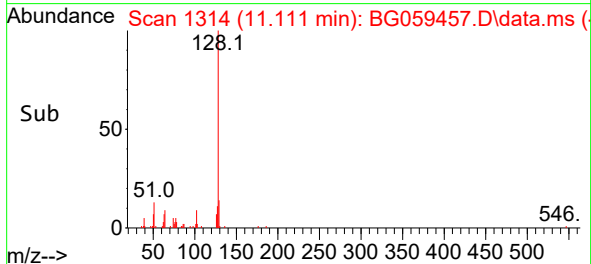
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:128 Resp: 4236
Ion Ratio Lower Upper
128 100
129 14.1 9.4 14.0
127 11.4 10.4 15.6

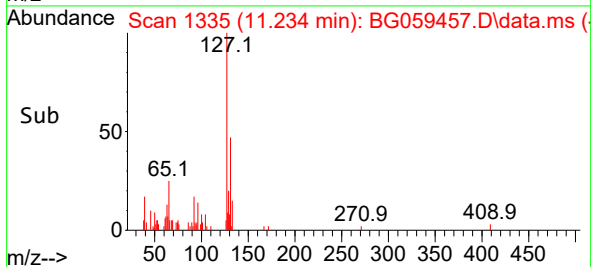
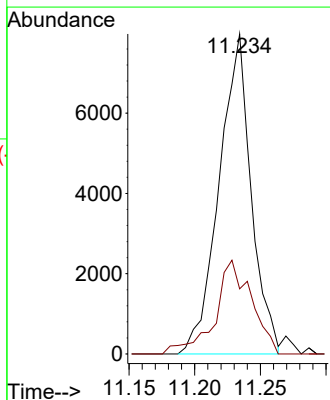
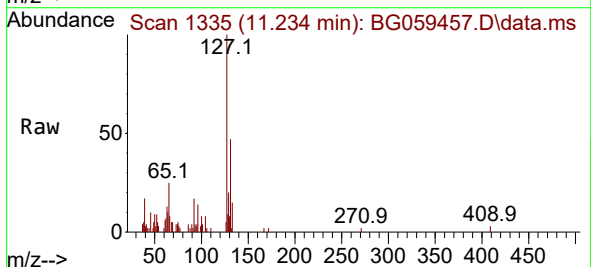
Manual Integrations
APPROVED

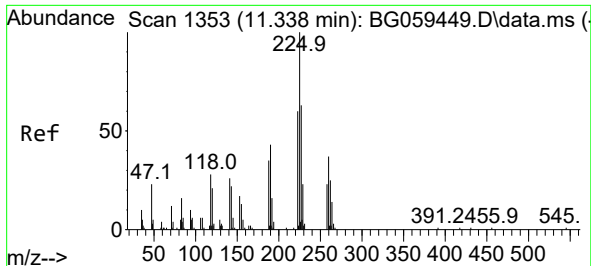
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 3.207 ng/ul
RT: 11.234 min Scan# 1335
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

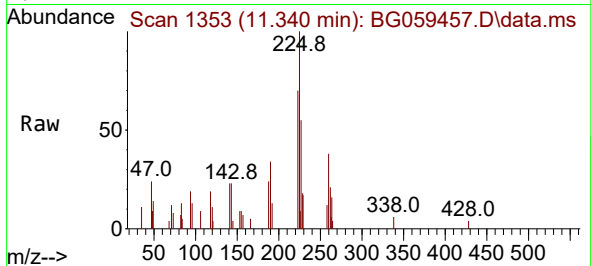
Tgt Ion:127 Resp: 13533
Ion Ratio Lower Upper
127 100
129 20.3 27.0 40.6





#33
Hexachlorobutadiene
Concen: 3.745 ng/ul
RT: 11.340 min Scan# 11353
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

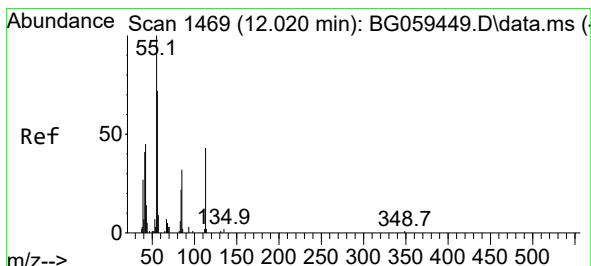
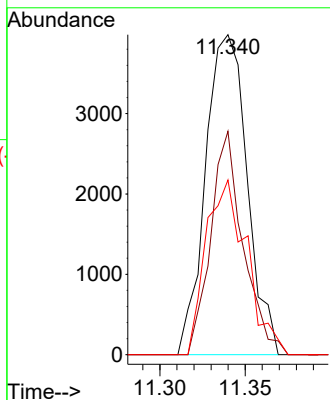
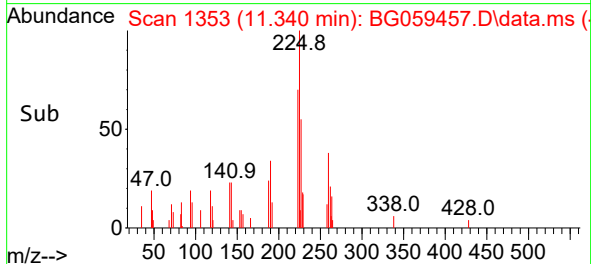
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:225 Resp: 6762
Ion Ratio Lower Upper
225 100
223 69.8 52.4 78.6
227 54.6 55.8 83.8

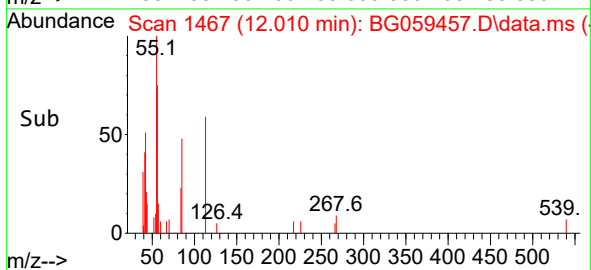
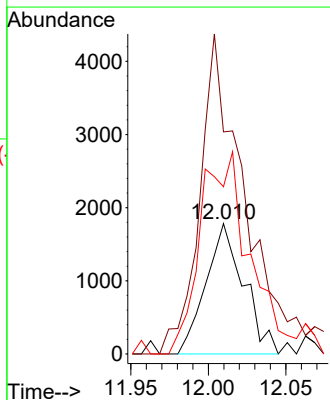
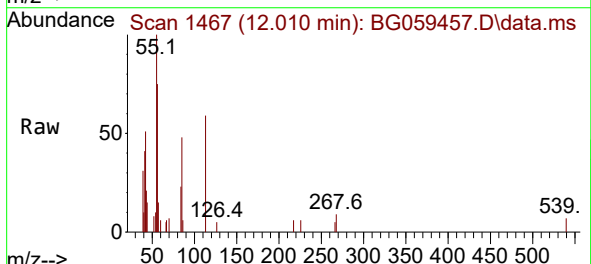
Manual Integrations
APPROVED

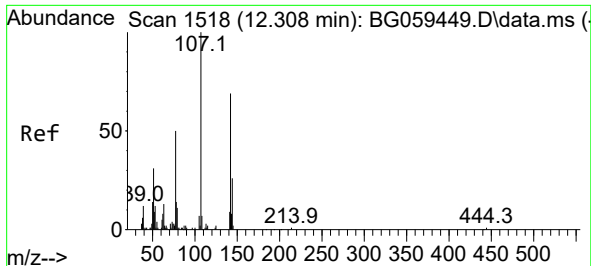
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Caprolactam
Concen: 3.136 ng/ul
RT: 12.010 min Scan# 1467
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

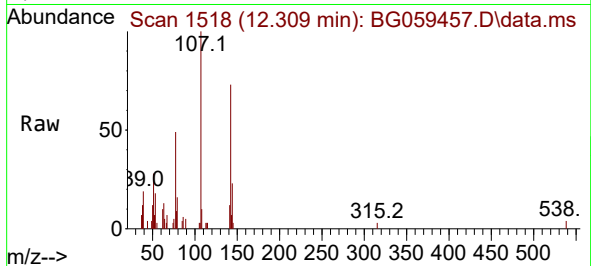
Tgt Ion:113 Resp: 3023
Ion Ratio Lower Upper
113 100
55 170.4 174.3 261.5#
56 128.3 130.2 195.2#





#35
4-Chloro-3-methylphenol
Concen: 2.849 ng/ul
RT: 12.309 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

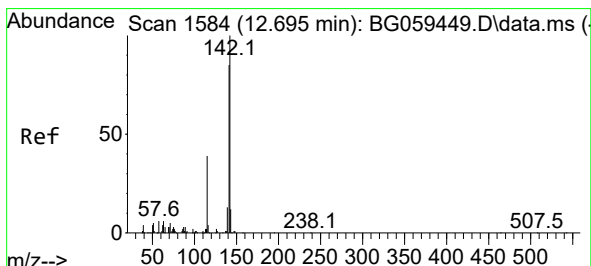
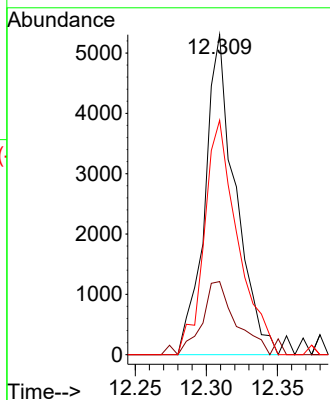
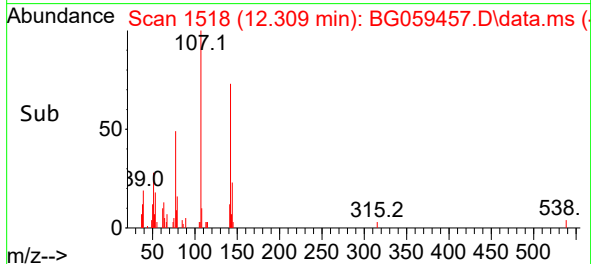
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-05



Tgt Ion:107 Resp: 7944
Ion Ratio Lower Upper
107 100
144 22.9 23.0 34.6
142 73.2 57.4 86.0

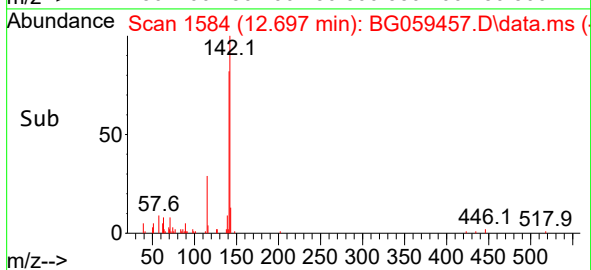
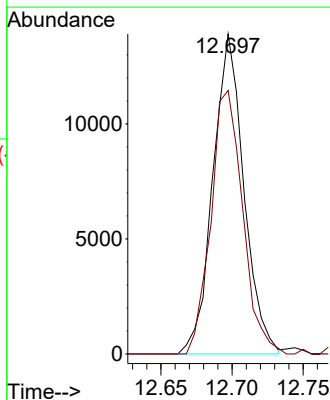
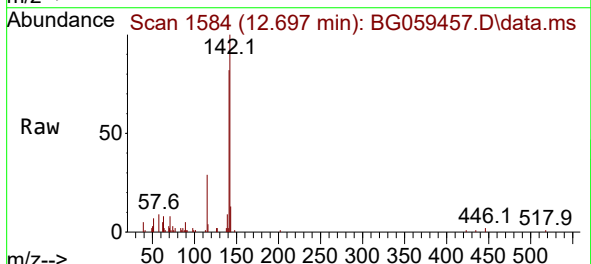
Manual Integrations
APPROVED

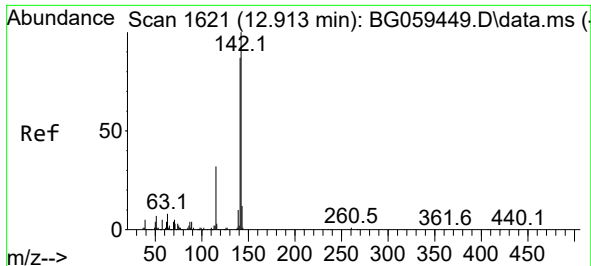
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 3.203 ng/ul
RT: 12.697 min Scan# 1584
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

Tgt Ion:142 Resp: 21026
Ion Ratio Lower Upper
142 100
141 82.3 70.0 105.0





#37

1-Methylnaphthalene

Concen: 3.463 ng/ul

RT: 12.915 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059457.D

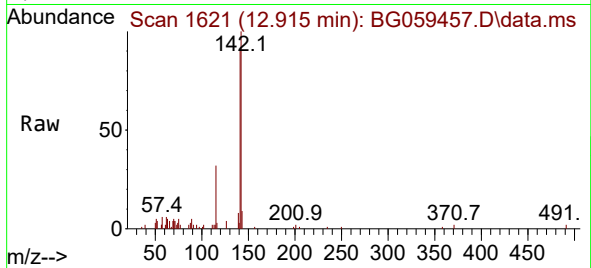
Acq: 16 Oct 2023 15:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-05



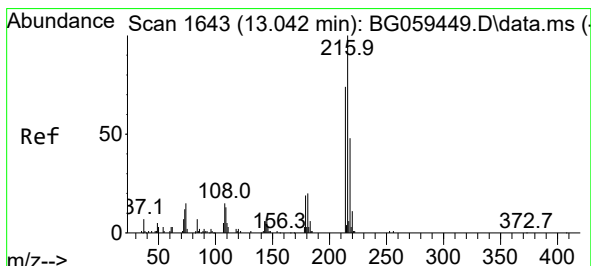
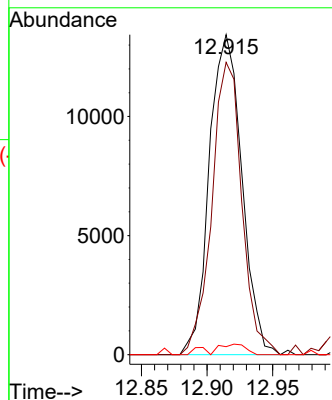
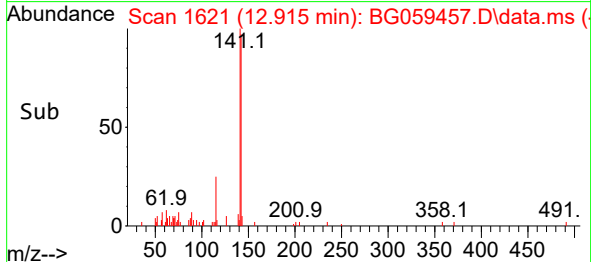
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	81.3	121.9
116	2.5	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.113 ng/ul

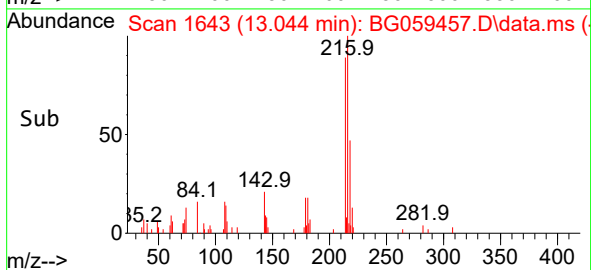
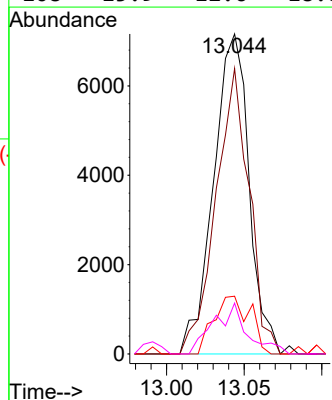
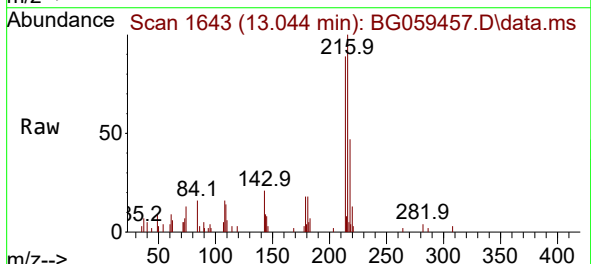
RT: 13.044 min Scan# 1643

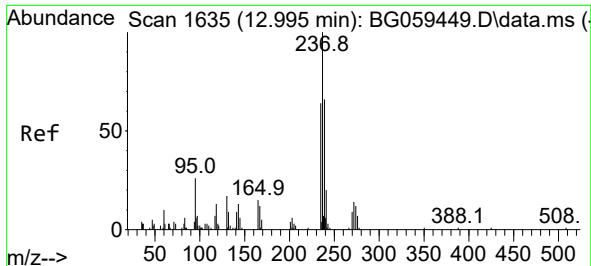
Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

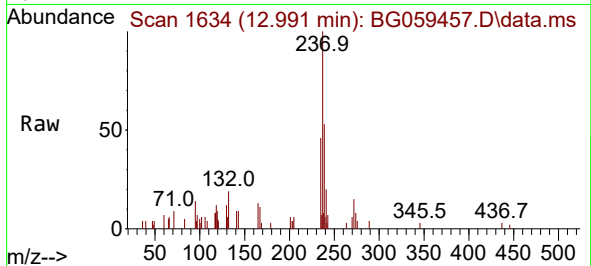
Tgt Ion	Ratio	Lower	Upper
216	100		
214	89.2	66.9	100.3
179	18.1	15.6	23.4
108	15.9	12.6	18.8





#40
Hexachlorocyclopentadiene
Concen: 5.501 ng/ul
RT: 12.991 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

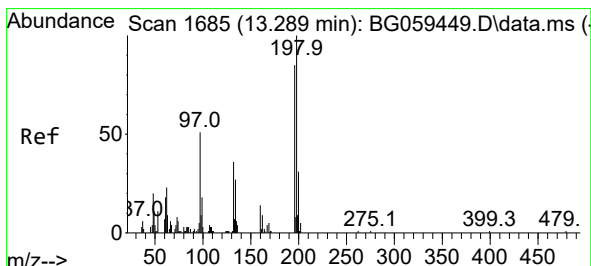
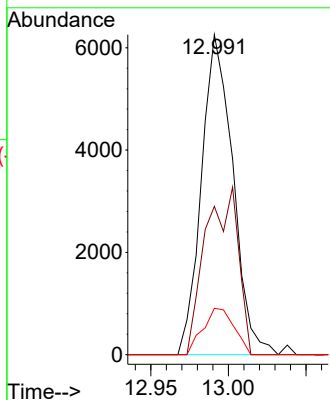
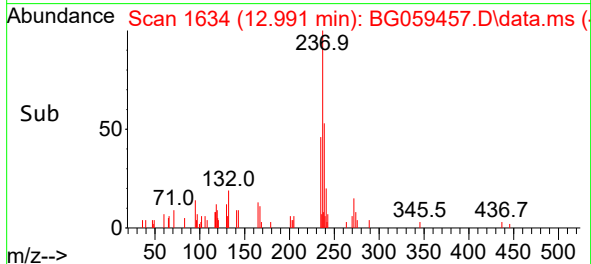
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:237 Resp: 882
Ion Ratio Lower Upper
237 100
235 42.9 56.5 84.7
272 13.4 10.8 16.2

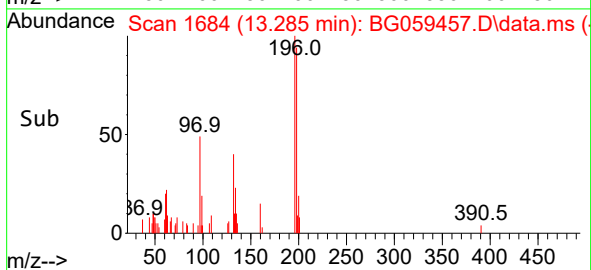
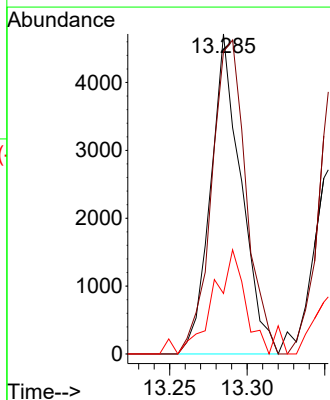
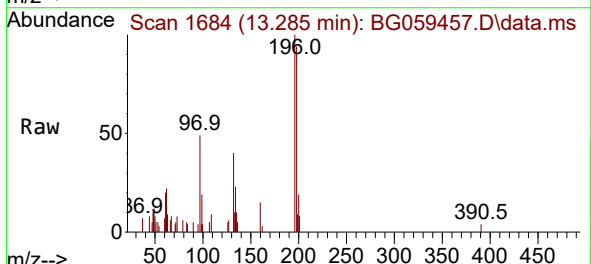
Manual Integrations
APPROVED

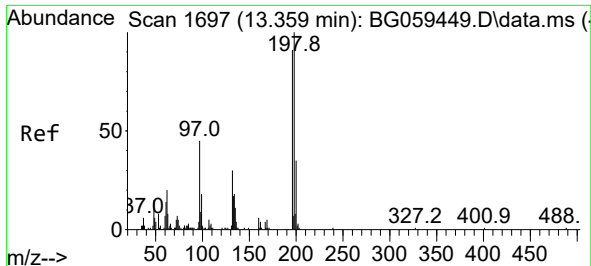
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#41
2,4,6-Trichlorophenol
Concen: 3.778 ng/ul
RT: 13.285 min Scan# 1684
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

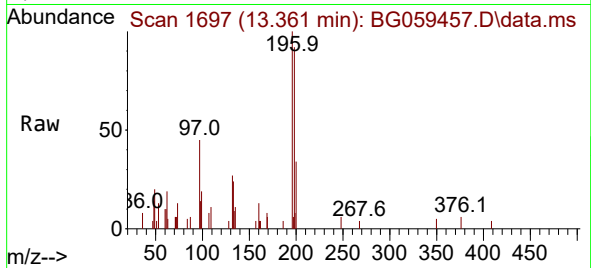
Tgt Ion:196 Resp: 6438
Ion Ratio Lower Upper
196 100
198 94.5 85.7 128.5
200 18.9 24.2 36.4





#42
2,4,5-Trichlorophenol
Concen: 3.767 ng/ul
RT: 13.361 min Scan# 1697
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

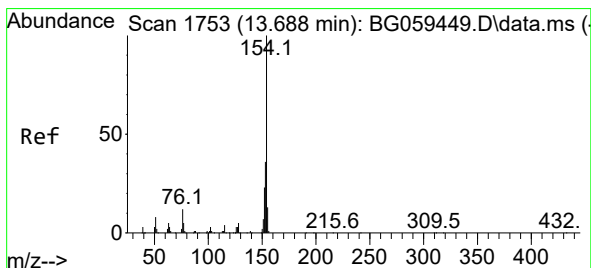
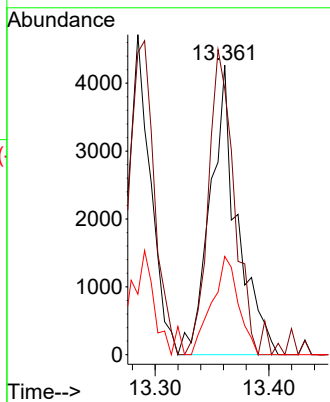
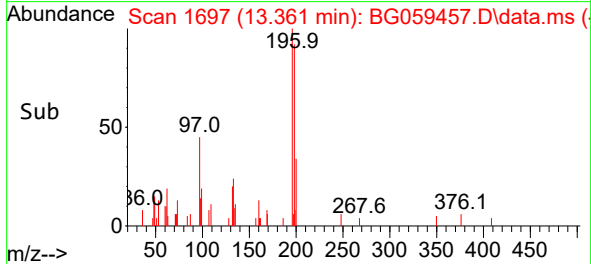
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:196 Resp: 706
Ion Ratio Lower Upper
196 100
198 91.8 80.3 120.5
200 34.0 25.2 37.8

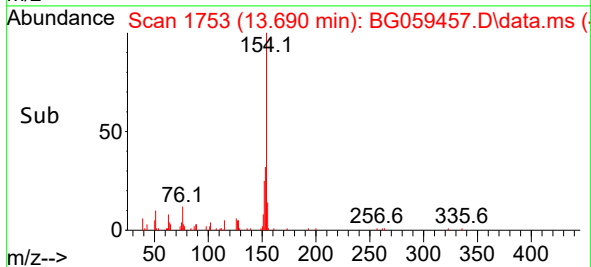
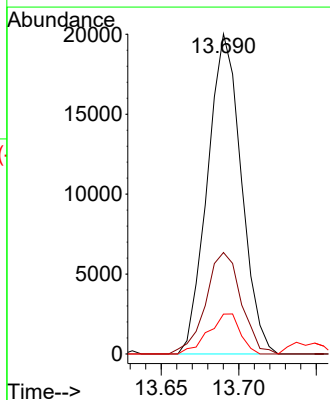
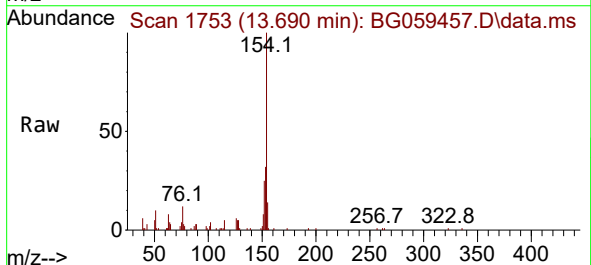
Manual Integrations
APPROVED

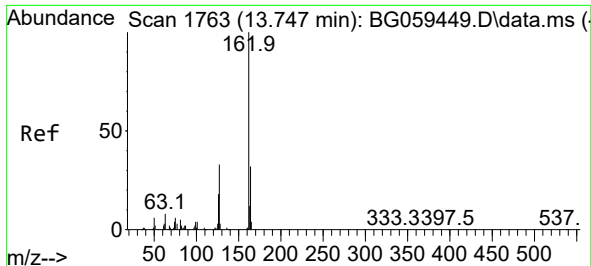
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#43
1,1'-Biphenyl
Concen: 3.953 ng/ul
RT: 13.690 min Scan# 1753
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

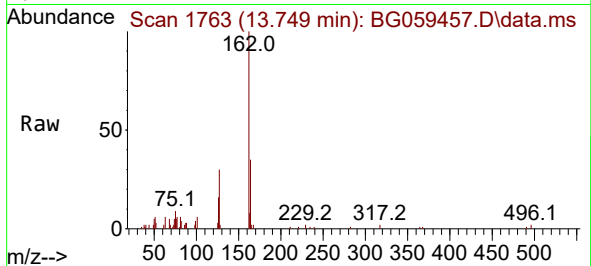
Tgt Ion:154 Resp: 30350
Ion Ratio Lower Upper
154 100
153 31.7 31.3 46.9
76 12.5 9.4 14.0





#44
2-Chloronaphthalene
Concen: 3.917 ng/ul
RT: 13.749 min Scan# 1763
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

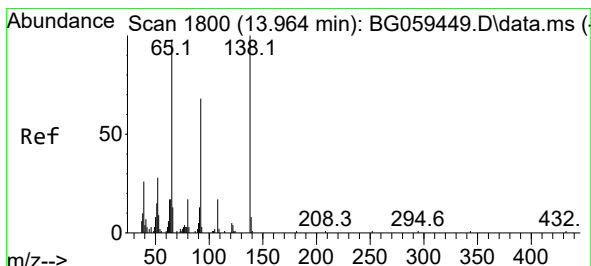
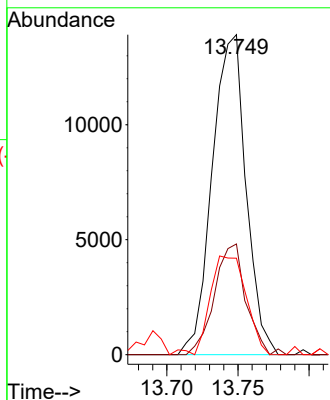
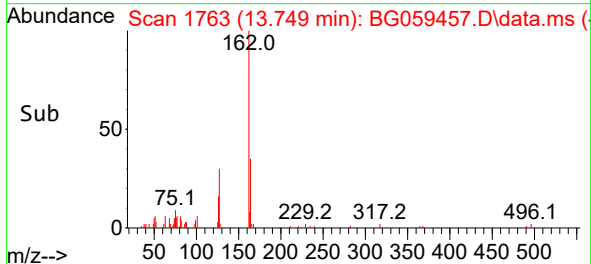
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:162 Resp: 23010
Ion Ratio Lower Upper
162 100
164 34.6 27.8 41.6
127 30.1 33.4 50.2

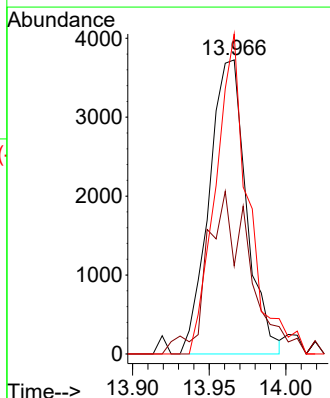
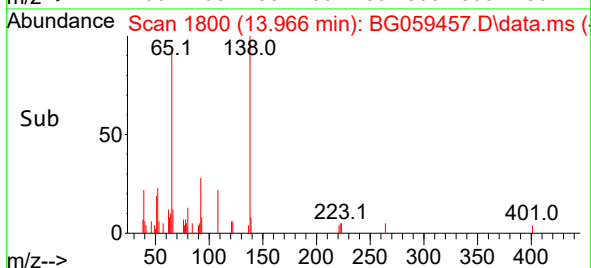
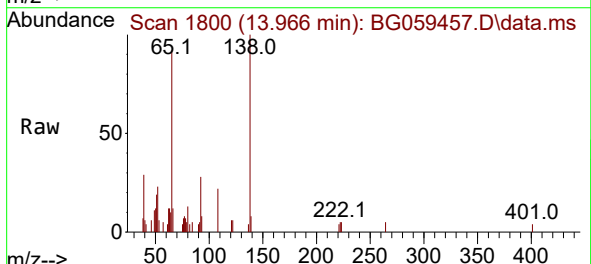
Manual Integrations
APPROVED

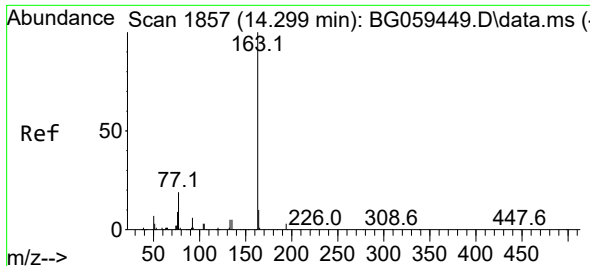
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#45
2-Nitroaniline
Concen: 4.056 ng/ul m
RT: 13.966 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

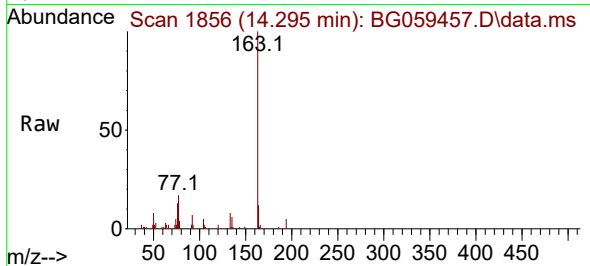
Tgt Ion: 65 Resp: 6330
Ion Ratio Lower Upper
65 100
92 30.0 58.2 87.4#
138 108.8 85.0 127.4





#47
Dimethylphthalate
Concen: 4.105 ng/ul
RT: 14.295 min Scan# 1856
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

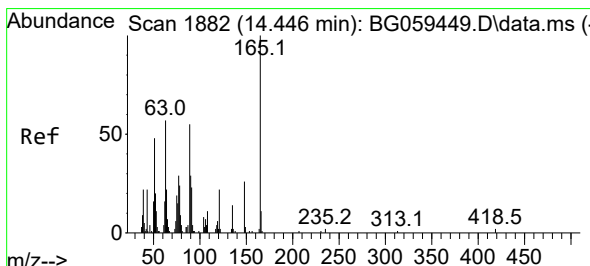
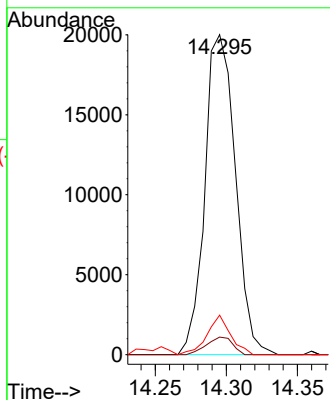
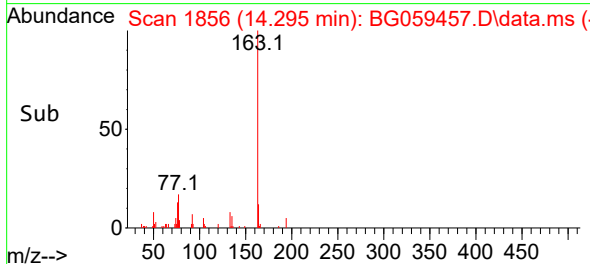
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-05



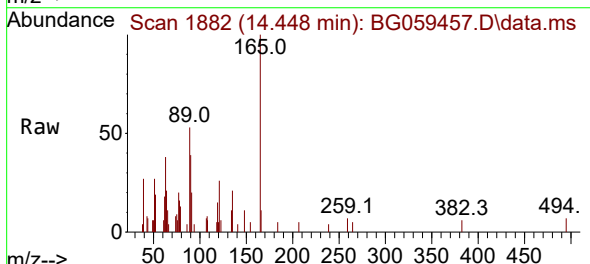
Tgt Ion:163 Resp: 2992
Ion Ratio Lower Upper
163 100
194 5.5 2.4 3.6
164 12.4 8.2 12.4

Manual Integrations
APPROVED

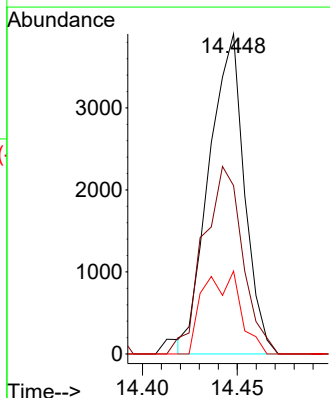
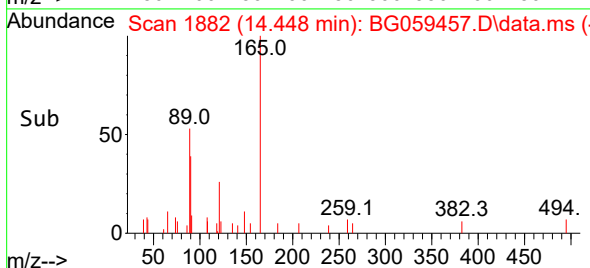
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

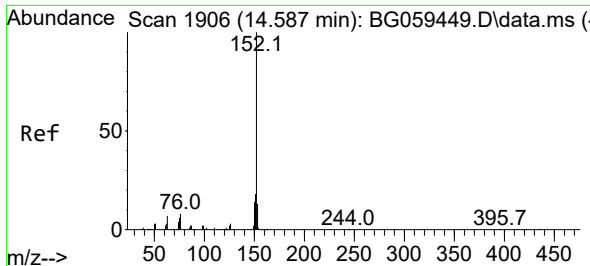


#48
2,6-Dinitrotoluene
Concen: 3.761 ng/ul
RT: 14.448 min Scan# 1882
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05



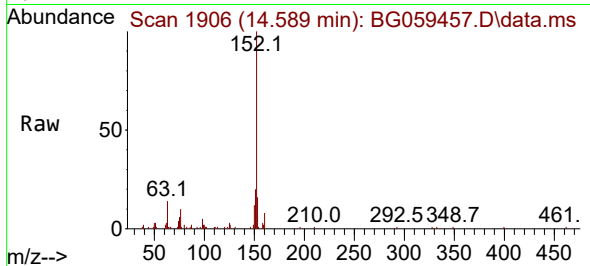
Tgt Ion:165 Resp: 5049
Ion Ratio Lower Upper
165 100
89 52.6 46.2 69.4
121 25.9 15.1 22.7





#50
Acenaphthylene
Concen: 4.079 ng/ul
RT: 14.589 min Scan# 1906
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

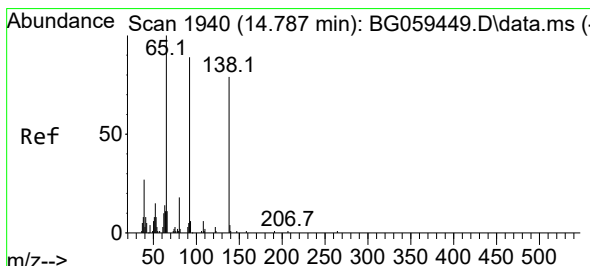
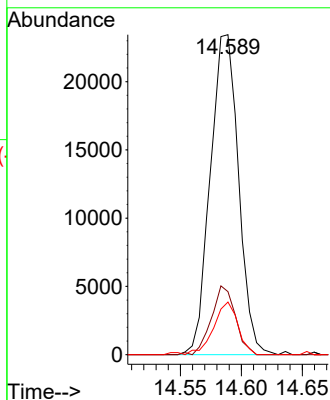
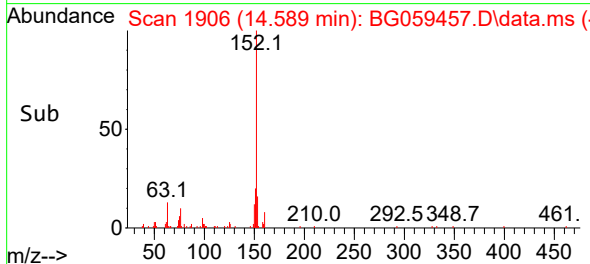
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-05



Tgt Ion:152 Resp: 3780
Ion Ratio Lower Upper
152 100
151 19.7 14.8 22.2
153 16.4 9.5 14.3

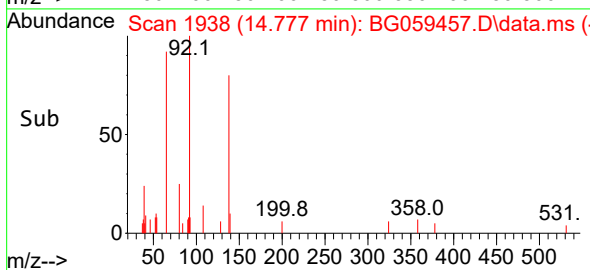
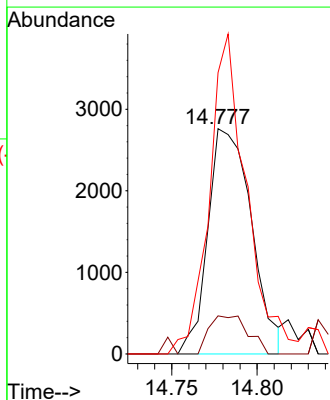
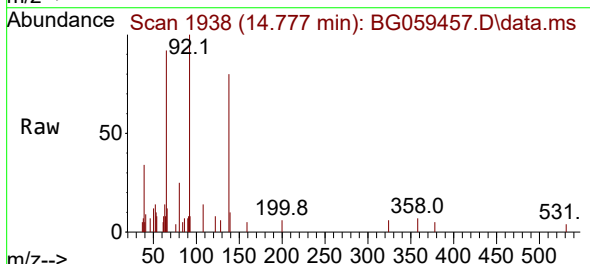
Manual Integrations
APPROVED

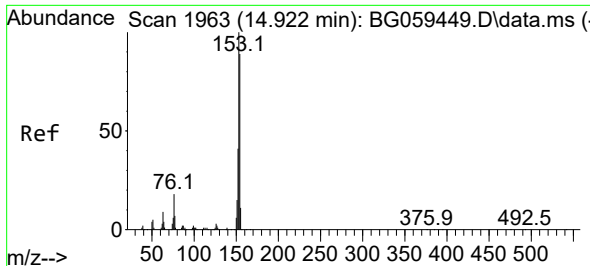
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#51
3-Nitroaniline
Concen: 3.441 ng/ul
RT: 14.777 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

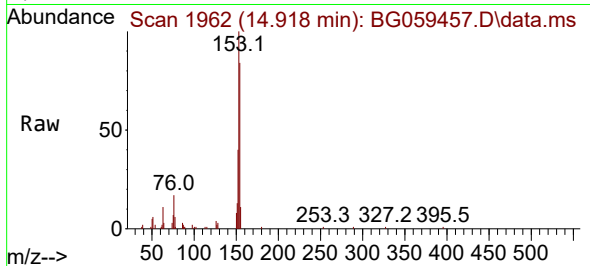
Tgt Ion:138 Resp: 4896
Ion Ratio Lower Upper
138 100
108 16.9 6.5 9.7#
92 134.7 91.6 137.4





#52
Acenaphthene
Concen: 3.884 ng/ul
RT: 14.918 min Scan# 1962
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

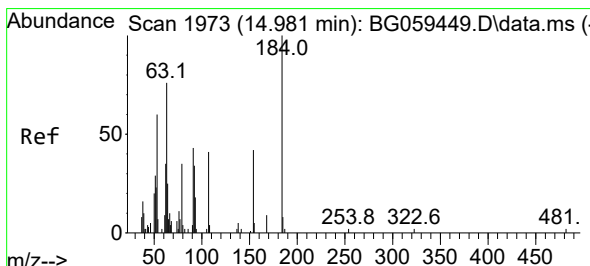
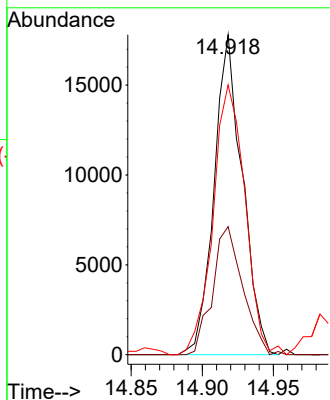
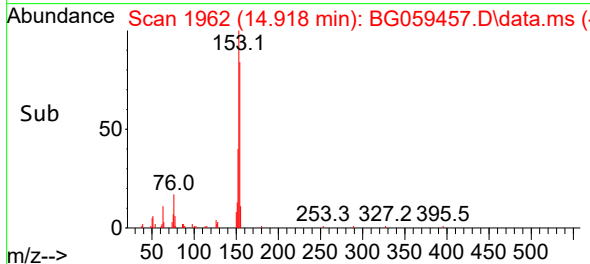
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-05



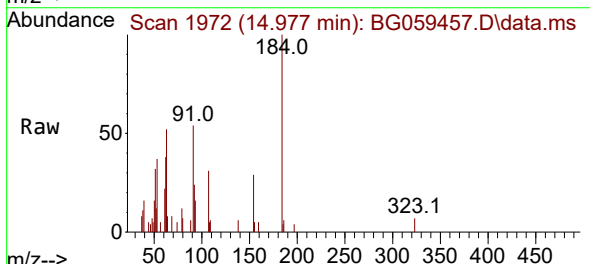
Tgt Ion:153 Resp: 24634
Ion Ratio Lower Upper
153 100
152 40.0 32.1 48.1
154 84.3 75.2 112.8

Manual Integrations
APPROVED

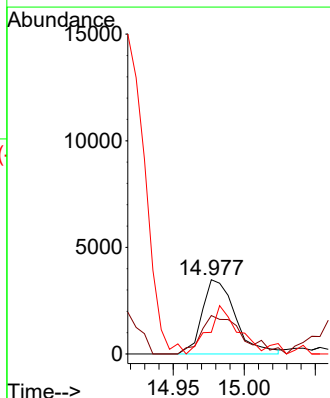
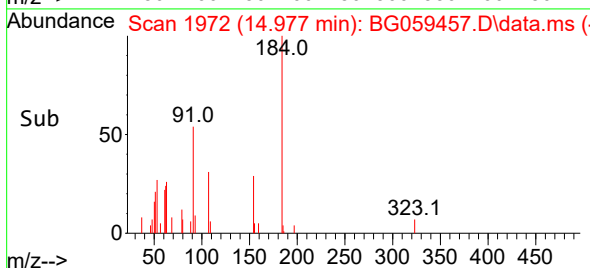
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

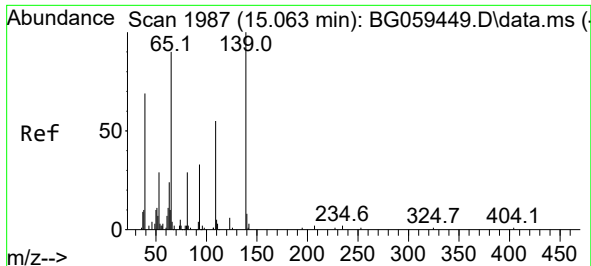


#53
2,4-Dinitrophenol
Concen: 7.927 ng/ul
RT: 14.977 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05



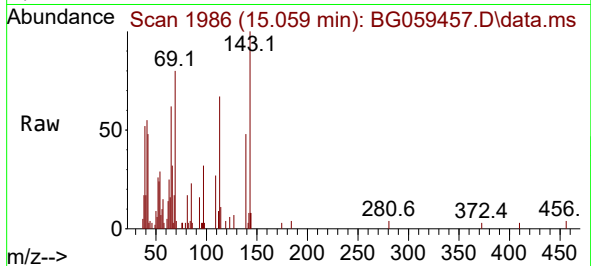
Tgt Ion:184 Resp: 5631
Ion Ratio Lower Upper
184 100
63 51.8 57.3 85.9#
154 29.0 40.6 61.0#





#55
4-Nitrophenol
Concen: 3.316 ng/ul
RT: 15.059 min Scan# 1987
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

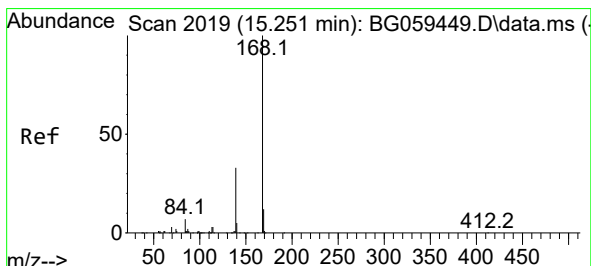
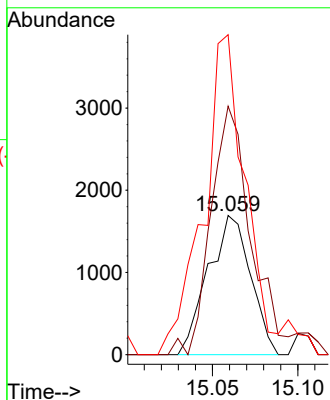
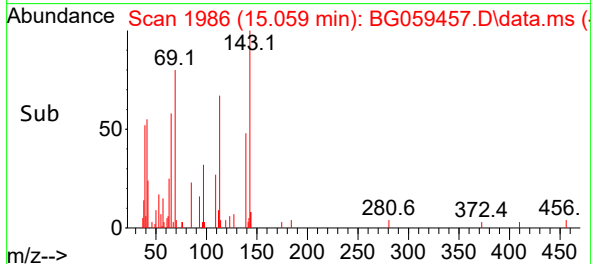
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:109 Resp: 2930
Ion Ratio Lower Upper
109 100
139 178.6 100.2 150.4
65 229.9 111.8 167.8

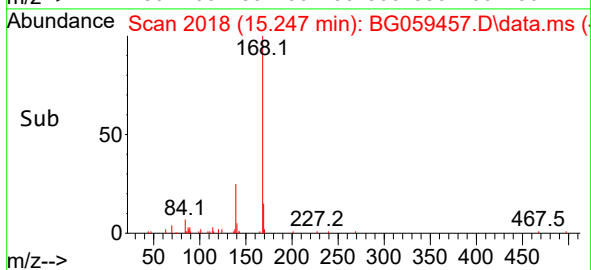
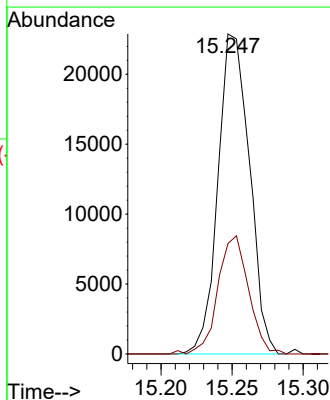
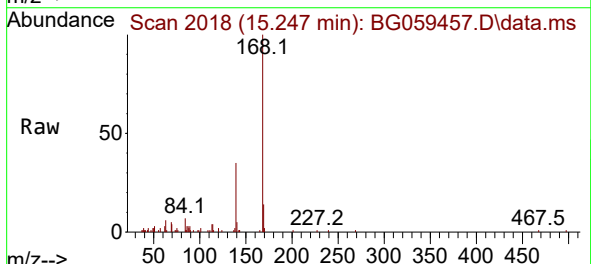
Manual Integrations
APPROVED

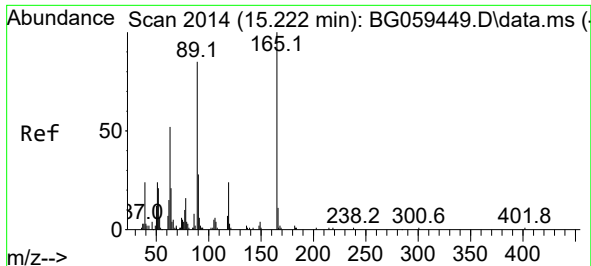
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 4.117 ng/ul
RT: 15.247 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

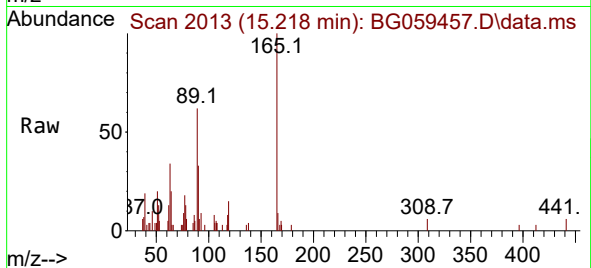
Tgt Ion:168 Resp: 35309
Ion Ratio Lower Upper
168 100
139 34.5 25.9 38.9





#57
2,4-Dinitrotoluene
Concen: 4.256 ng/ul
RT: 15.218 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

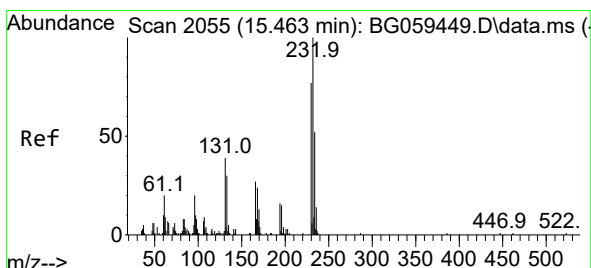
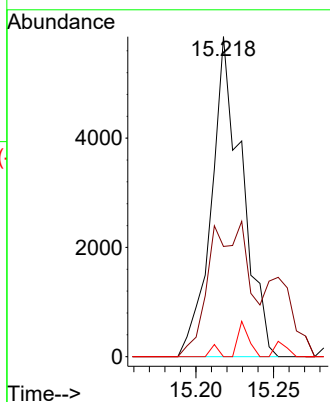
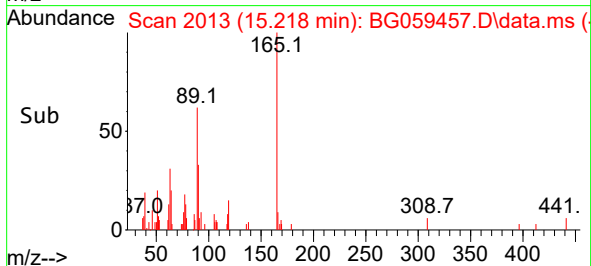
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:165 Resp: 803
Ion Ratio Lower Upper
165 100
63 34.5 40.8 61.2
182 0.0 1.4 2.0

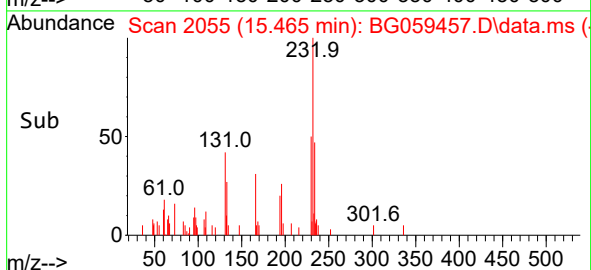
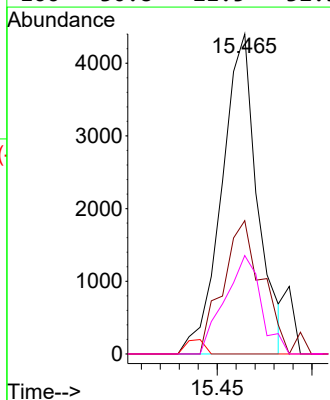
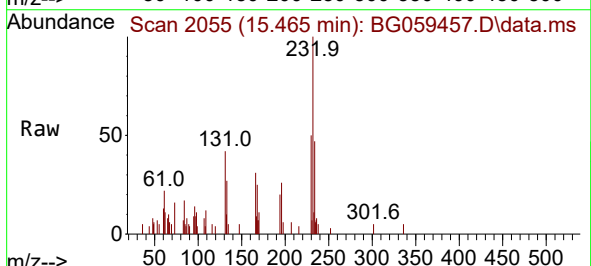
Manual Integrations
APPROVED

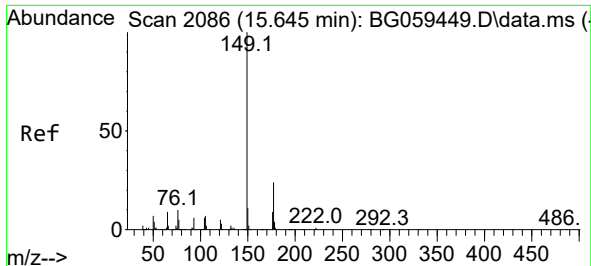
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.436 ng/ul
RT: 15.465 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

Tgt Ion:232 Resp: 5757
Ion Ratio Lower Upper
232 100
131 41.7 30.2 45.2
130 0.0 2.0 3.0#
166 30.8 21.5 32.3





#59

Diethylphthalate

Concen: 4.251 ng/ul

RT: 15.641 min Scan# 2086

Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-05

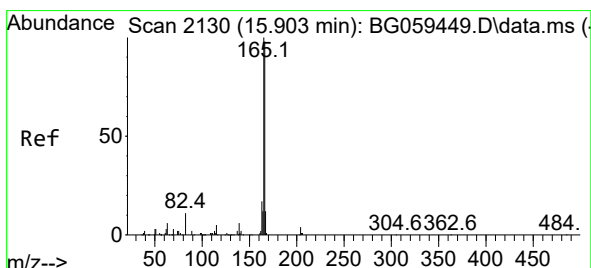
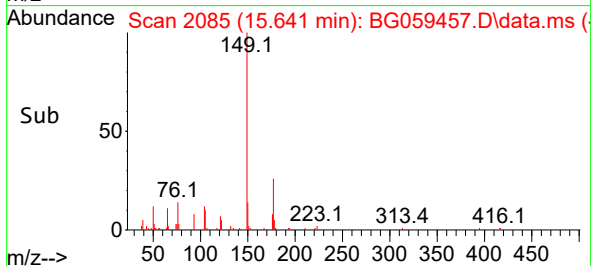
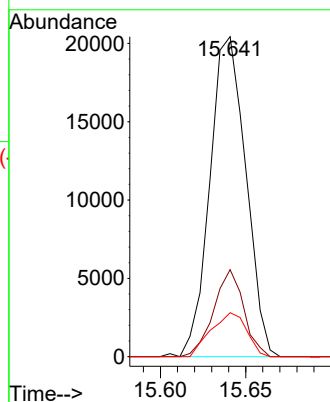
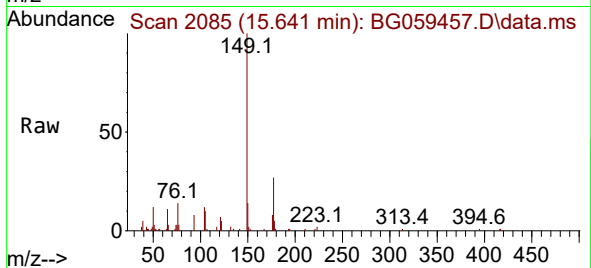
Tgt Ion:	149	Resp:	2994
Ion Ratio	Lower	Upper	
149	100		
177	27.2	17.3	25.9
150	13.8	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#61

Fluorene

Concen: 4.246 ng/ul

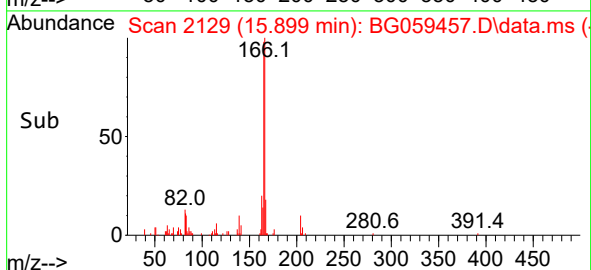
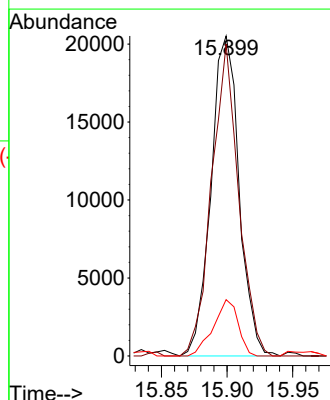
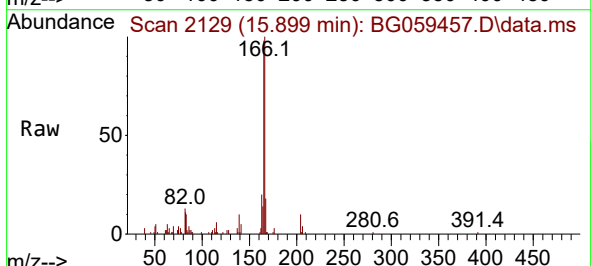
RT: 15.899 min Scan# 2129

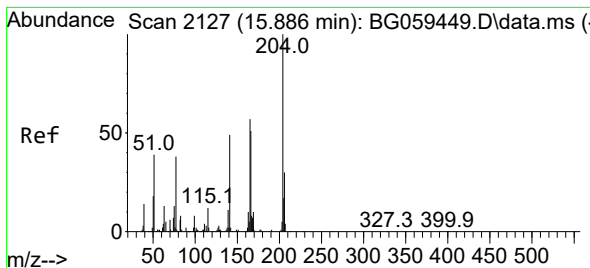
Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

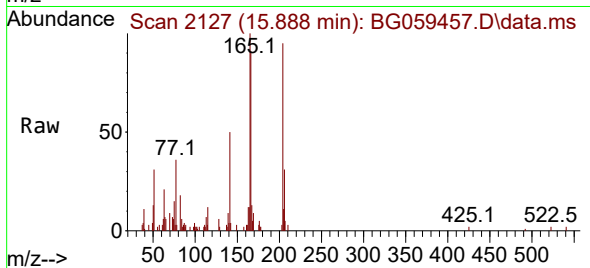
Tgt Ion:	166	Resp:	30552
Ion Ratio	Lower	Upper	
166	100		
165	97.5	75.6	113.4
167	17.6	9.9	14.9





#62
4-Chlorophenyl-phenylether
Concen: 4.029 ng/ul
RT: 15.888 min Scan# 2127
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

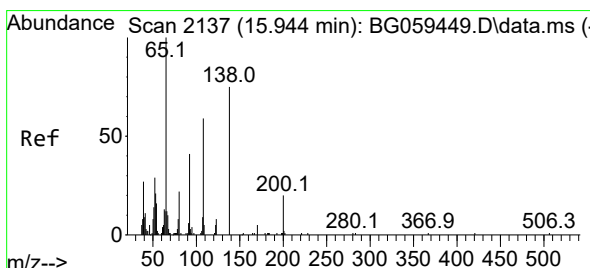
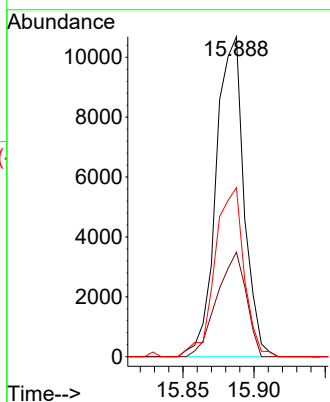
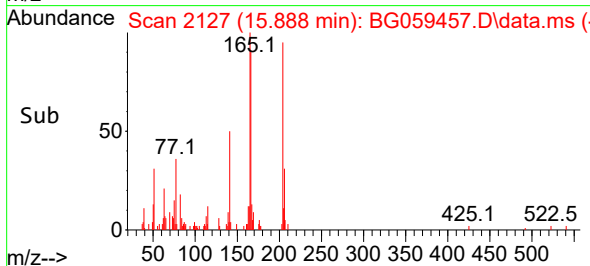
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



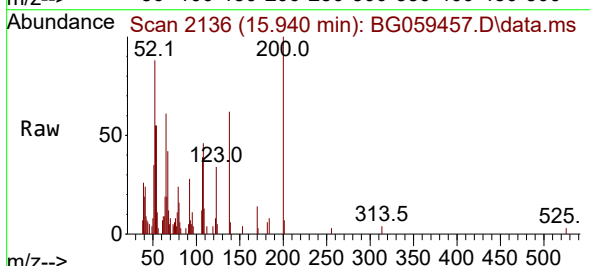
Tgt Ion:204 Resp: 1455
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 52.8 42.3 63.5

Manual Integrations
APPROVED

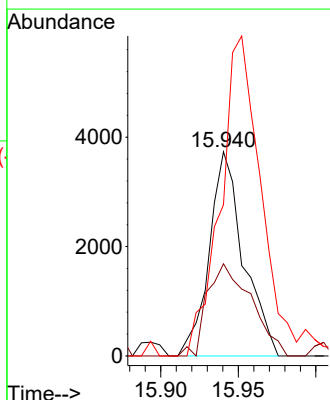
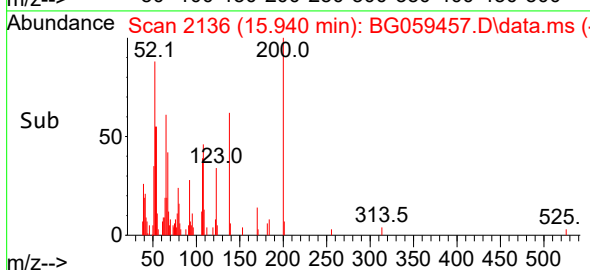
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

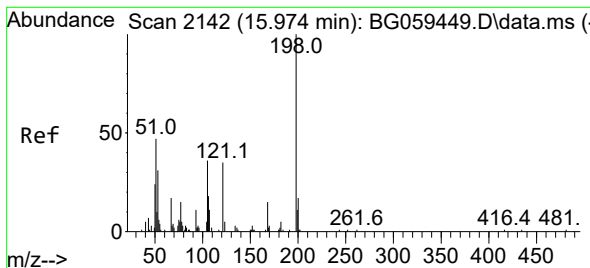


#63
4-Nitroaniline
Concen: 4.172 ng/ul
RT: 15.940 min Scan# 2136
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05



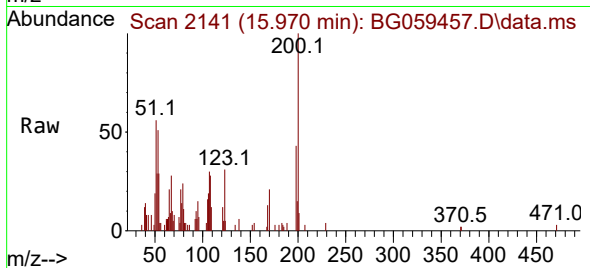
Tgt Ion:138 Resp: 5747
Ion Ratio Lower Upper
138 100
92 45.1 43.3 64.9
108 74.1 67.9 101.9





#66
4,6-Dinitro-2-methylphenol
Concen: 3.546 ng/ul
RT: 15.970 min Scan# 2142
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

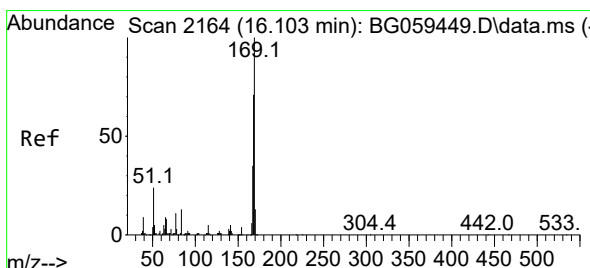
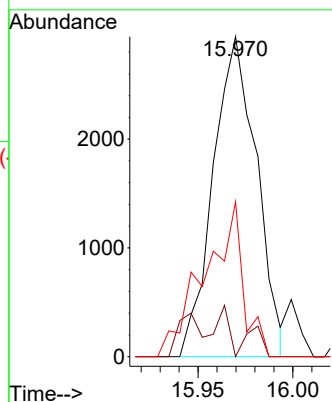
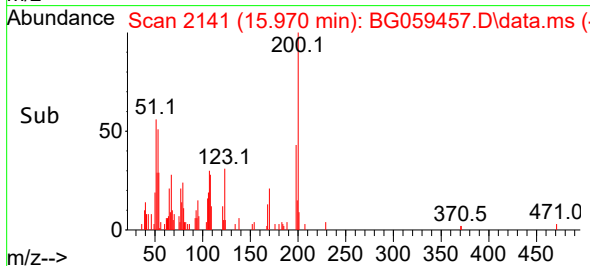
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:198 Resp: 468
Ion Ratio Lower Upper
198 100
182 0.0 4.7 7.1
77 48.4 17.7 26.5

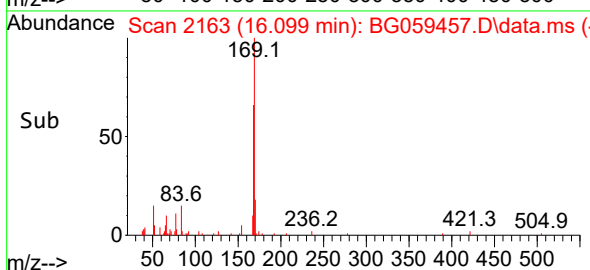
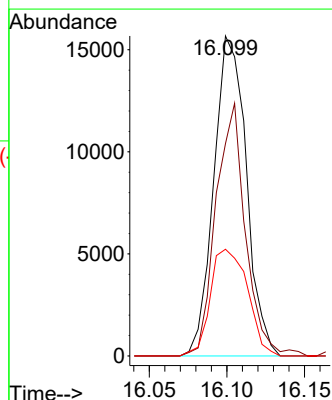
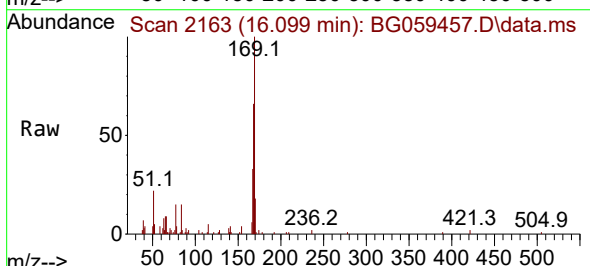
Manual Integrations
APPROVED

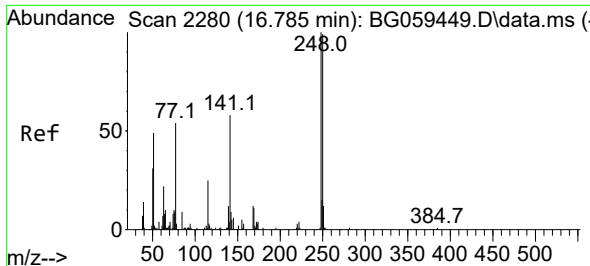
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 3.865 ng/ul
RT: 16.099 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

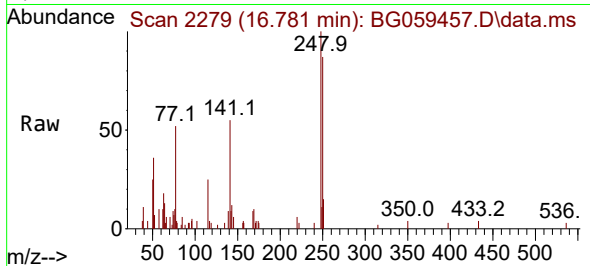
Tgt Ion:169 Resp: 22845
Ion Ratio Lower Upper
169 100
168 66.4 55.8 83.8
167 33.4 28.2 42.2





#68
4-Bromophenyl-phenylether
Concen: 3.900 ng/ul
RT: 16.781 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

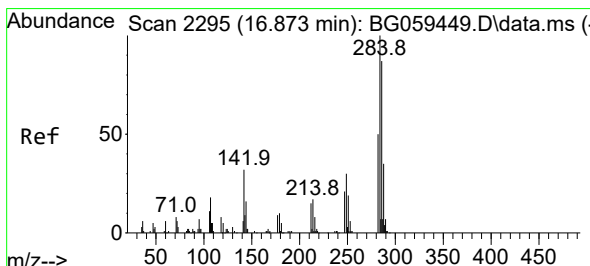
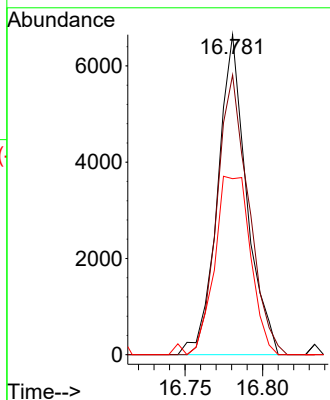
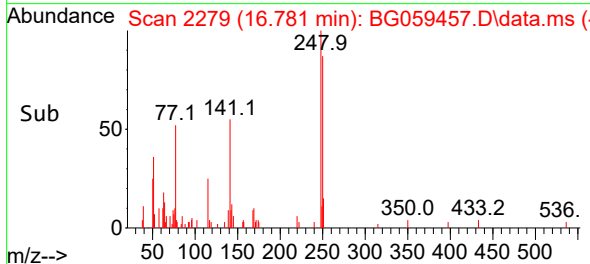
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:248 Resp: 864
Ion Ratio Lower Upper
248 100
250 87.4 74.6 111.8
141 55.0 44.3 66.5

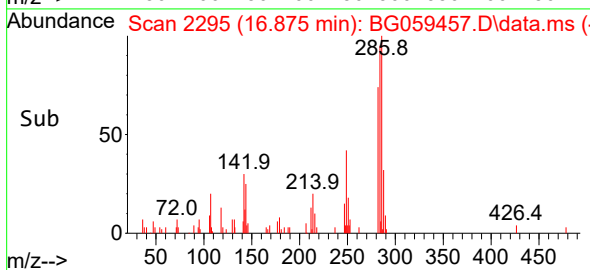
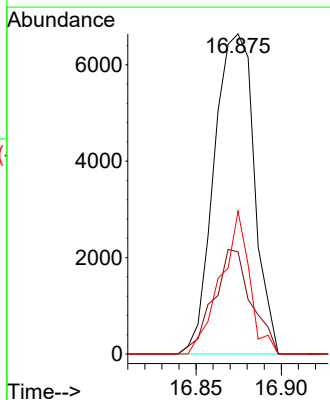
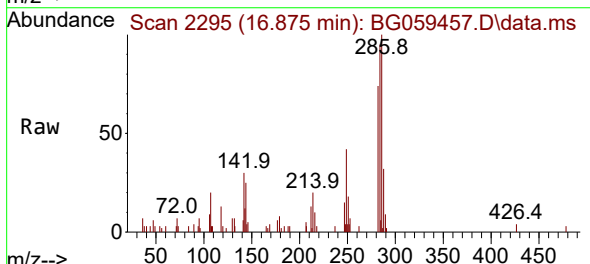
Manual Integrations
APPROVED

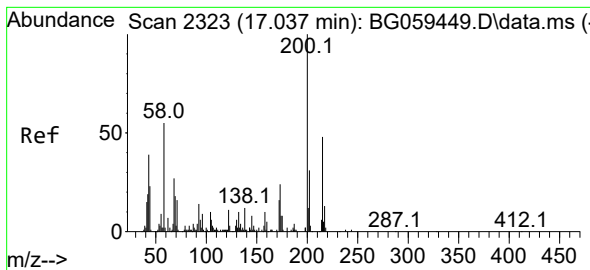
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 4.272 ng/ul
RT: 16.875 min Scan# 2295
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

Tgt Ion:284 Resp: 10856
Ion Ratio Lower Upper
284 100
142 31.9 22.1 33.1
249 44.6 23.1 34.7#





#70

Atrazine

Concen: 4.798 ng/ul

RT: 17.033 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-05

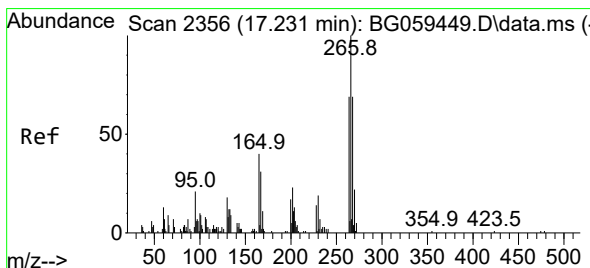
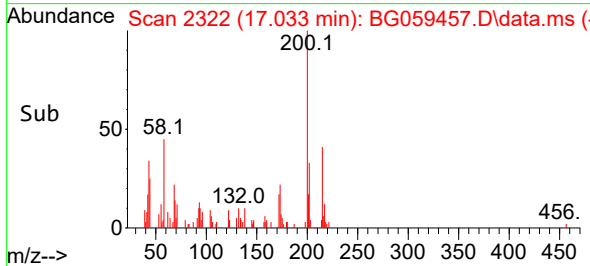
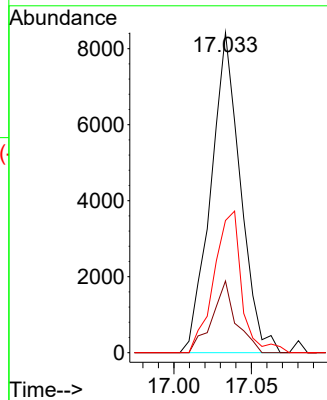
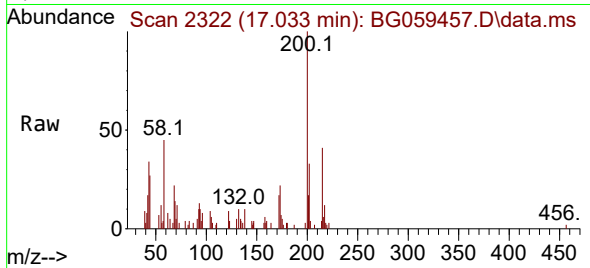
Tgt Ion:200	Resp:	11194
Ion Ratio	Lower	Upper
200	100	
173	22.4	22.3 33.5
215	41.3	37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#71

Pentachlorophenol

Concen: 5.760 ng/ul

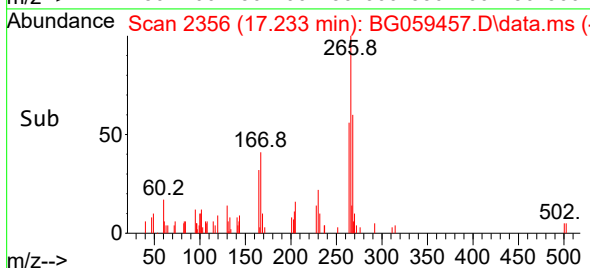
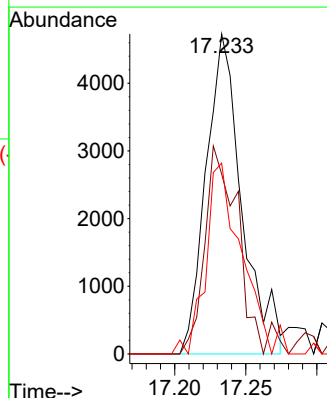
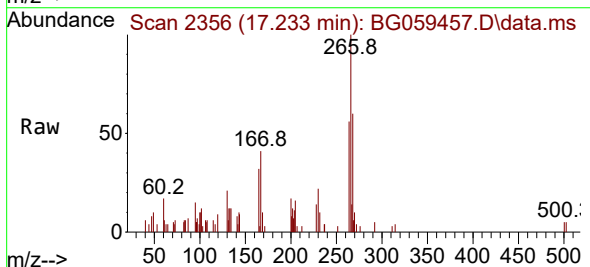
RT: 17.233 min Scan# 2356

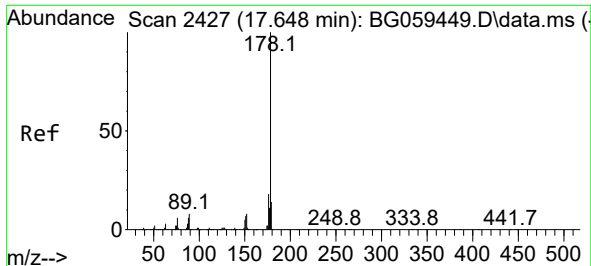
Delta R.T. 0.005 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Tgt Ion:266	Resp:	8297
Ion Ratio	Lower	Upper
266	100	
264	56.3	47.9 71.9
268	65.6	50.0 75.0





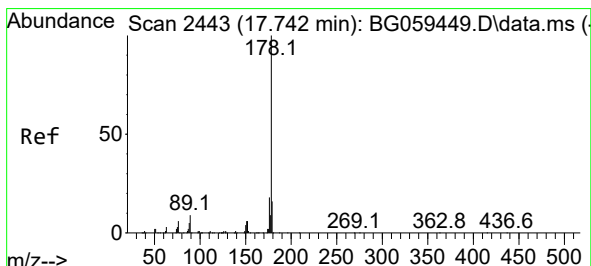
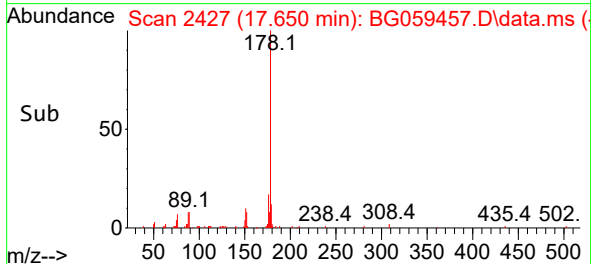
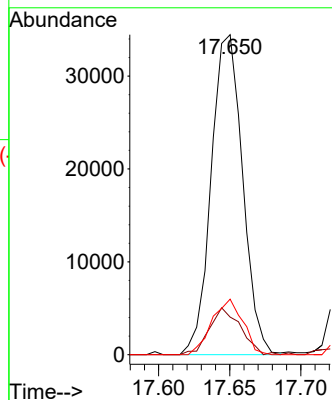
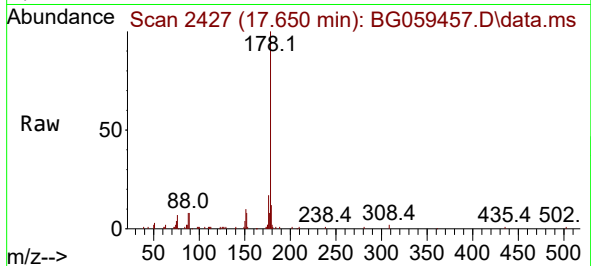
#72
Phenanthrene
Concen: 4.215 ng/ul
RT: 17.650 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

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

Tgt Ion:178 Resp: 53002
Ion Ratio Lower Upper
178 100
179 11.8 11.0 16.4
176 17.4 15.1 22.7

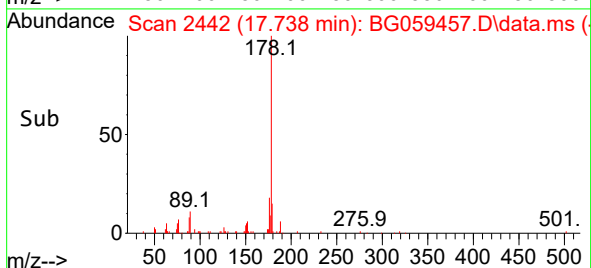
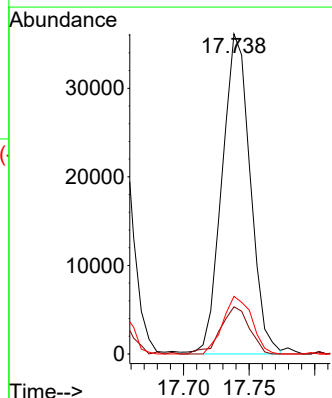
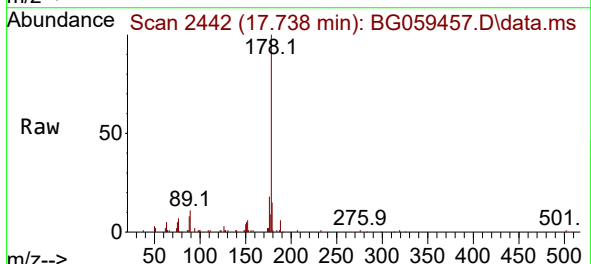
Manual Integrations
APPROVED

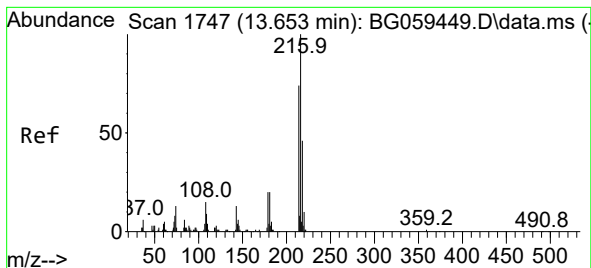
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 4.170 ng/ul
RT: 17.738 min Scan# 2442
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

Tgt Ion:178 Resp: 54048
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.2
176 18.0 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.801 ng/uL

RT: 13.649 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-05

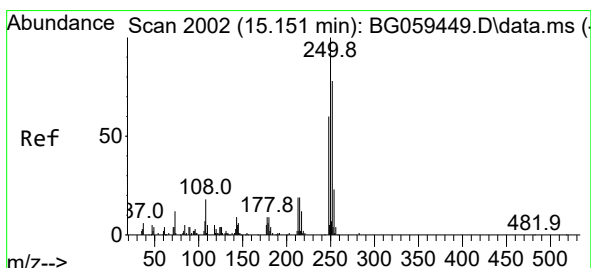
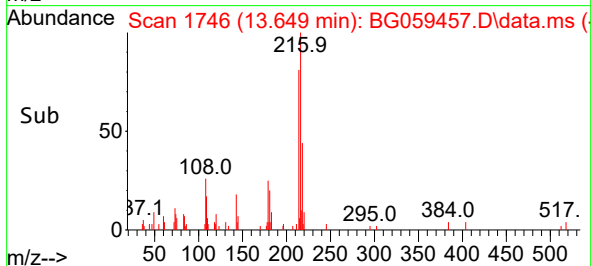
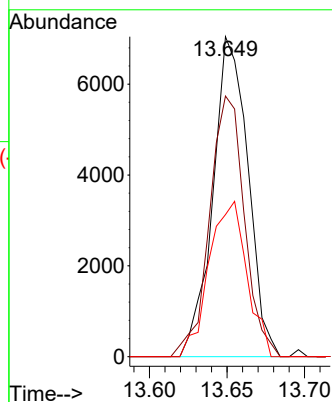
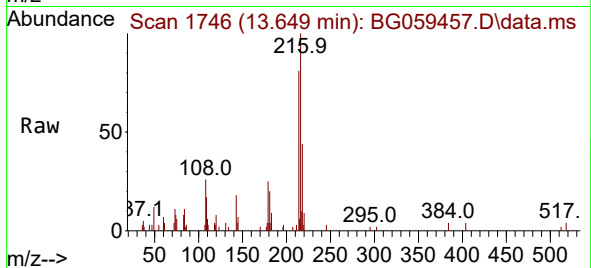
Tgt Ion:	216	Resp:	1107
Ion Ratio	Lower	Upper	
216	100		
214	73.9	62.1	93.1
218	40.3	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#76

Pentachlorobenzene

Concen: 4.670 ng/uL

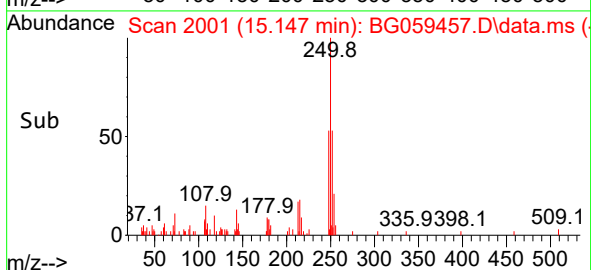
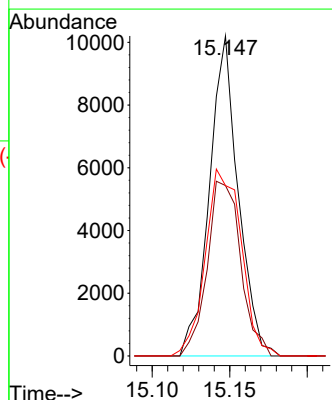
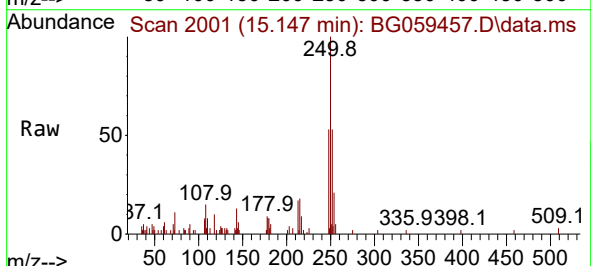
RT: 15.147 min Scan# 2001

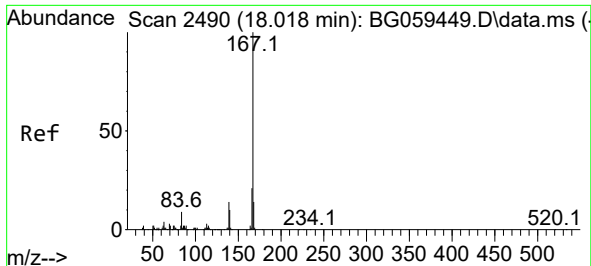
Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Tgt Ion:	250	Resp:	13158
Ion Ratio	Lower	Upper	
250	100		
248	54.0	50.6	75.8
252	54.1	56.4	84.6





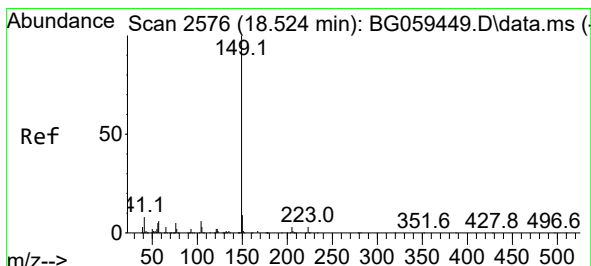
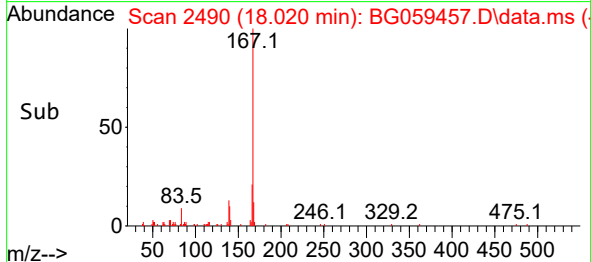
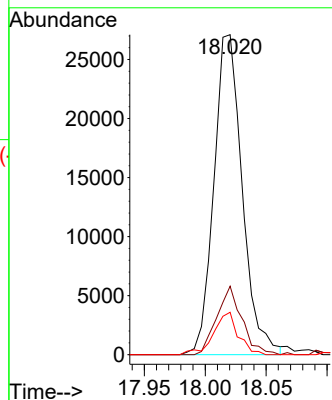
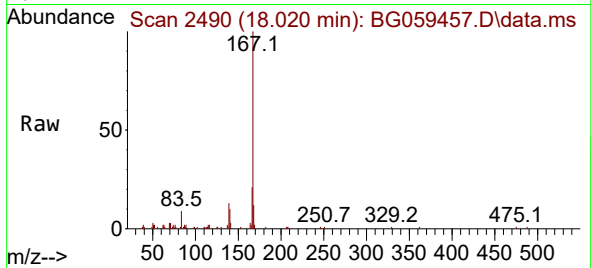
#77
 Carbazole
 Concen: 3.937 ng/ul
 RT: 18.020 min Scan# 2490
 Delta R.T. 0.005 min
 Lab File: BG059457.D
 Acq: 16 Oct 2023 15:05

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

Tgt Ion:167 Resp: 4391
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.2 9.0 13.6

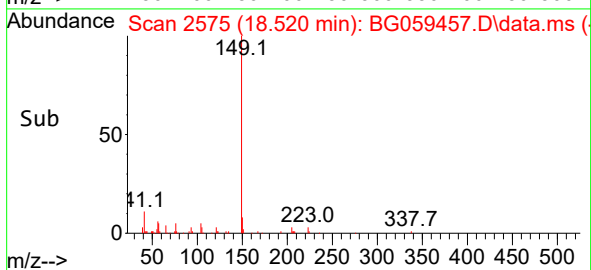
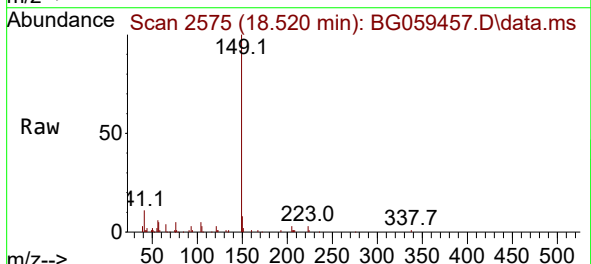
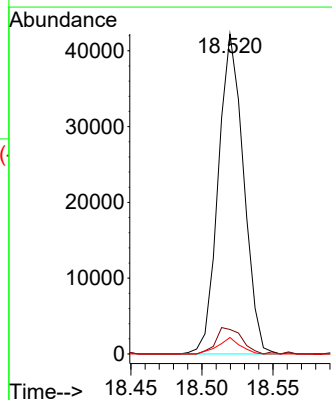
Manual Integrations
 APPROVED

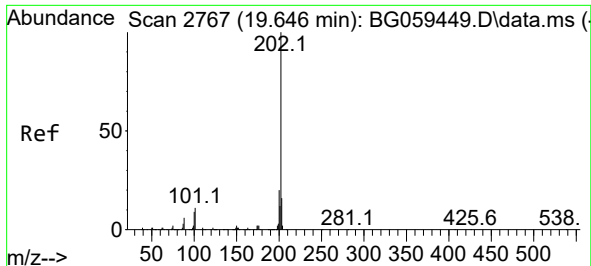
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#78
 Di-n-butylphthalate
 Concen: 4.118 ng/ul
 RT: 18.520 min Scan# 2575
 Delta R.T. -0.001 min
 Lab File: BG059457.D
 Acq: 16 Oct 2023 15:05

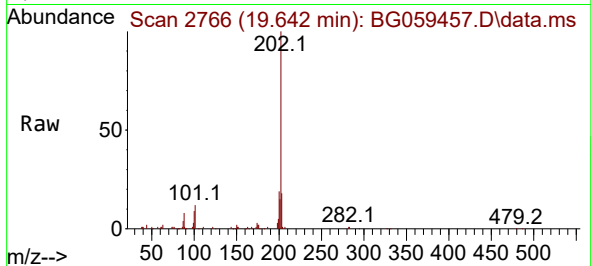
Tgt Ion:149 Resp: 52281
 Ion Ratio Lower Upper
 149 100
 150 7.7 7.4 11.2
 104 5.2 3.7 5.5





#80
Fluoranthene
Concen: 3.861 ng/ul
RT: 19.642 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

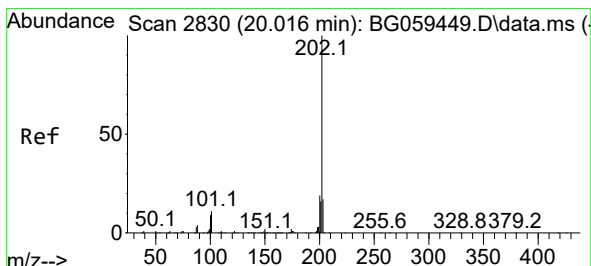
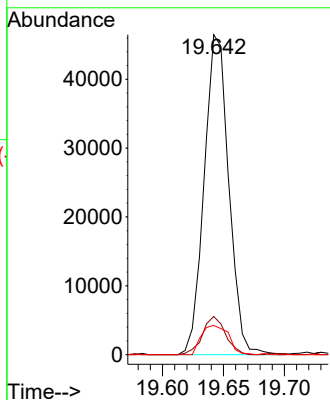
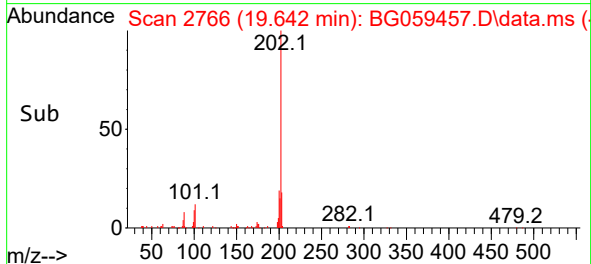
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



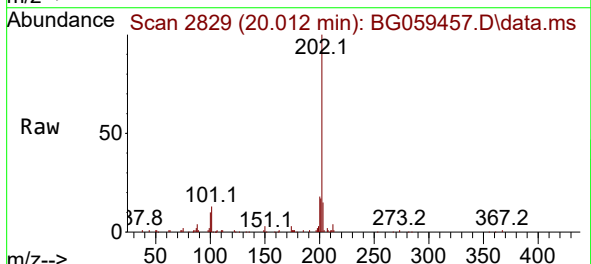
Tgt Ion:202 Resp: 6524
Ion Ratio Lower Upper
202 100
101 11.9 8.9 13.3
100 9.1 8.3 12.5

Manual Integrations
APPROVED

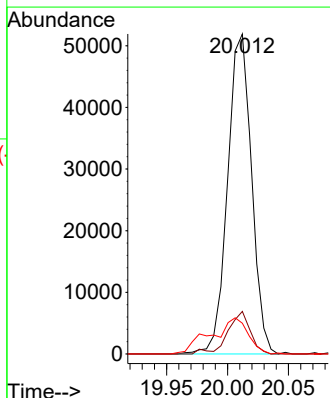
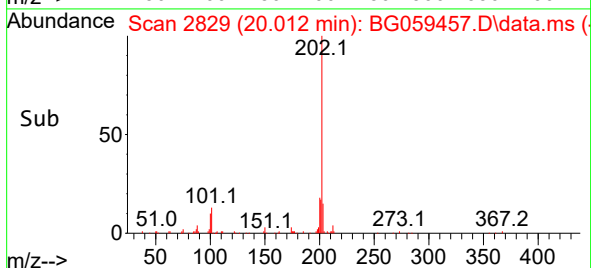
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

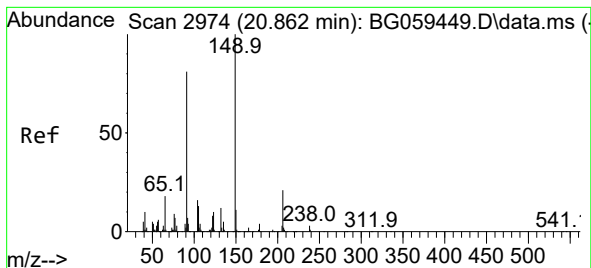


#82
Pyrene
Concen: 3.959 ng/ul
RT: 20.012 min Scan# 2829
Delta R.T. 0.005 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05



Tgt Ion:202 Resp: 71101
Ion Ratio Lower Upper
202 100
101 13.3 9.5 14.3
100 9.6 9.8 14.8#





#83

Butylbenzylphthalate

Concen: 3.783 ng/ul

RT: 20.864 min Scan# 2974

Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-05

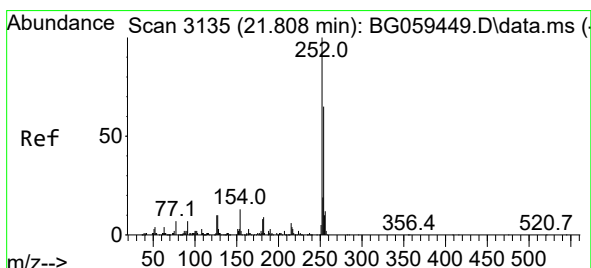
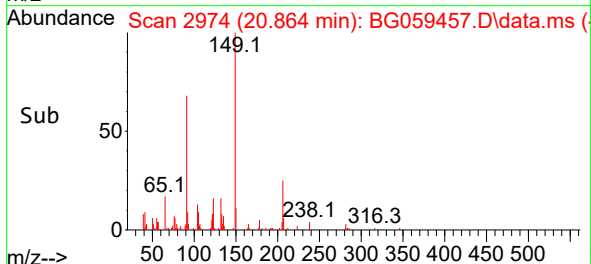
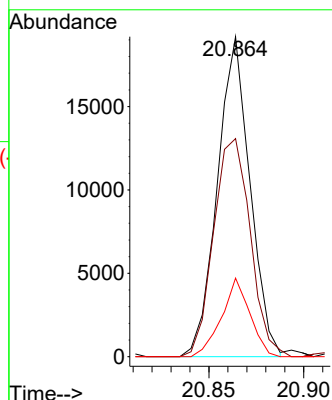
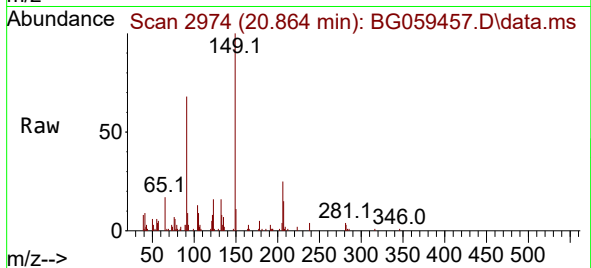
Tgt Ion:	149	Resp:	2294
Ion Ratio	Lower	Upper	
149	100		
91	68.1	66.4	99.6
206	24.5	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.933 ng/ul

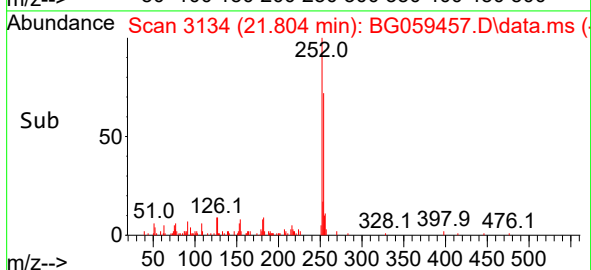
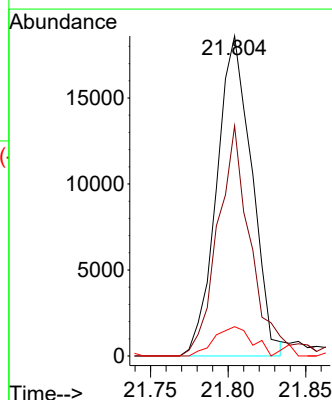
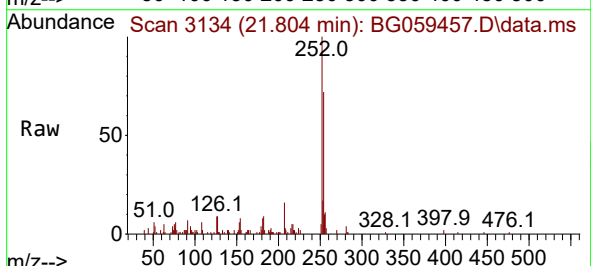
RT: 21.804 min Scan# 3134

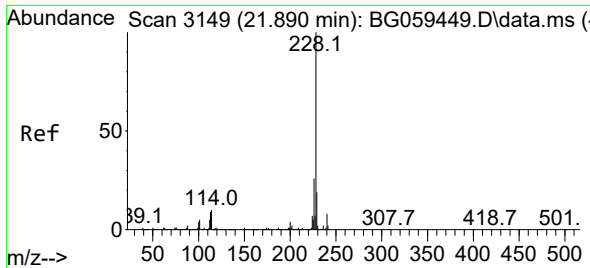
Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Tgt Ion:	252	Resp:	29291
Ion Ratio	Lower	Upper	
252	100		
254	71.9	53.8	80.6
126	9.2	8.6	12.8





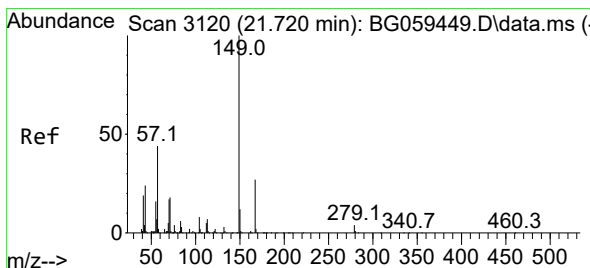
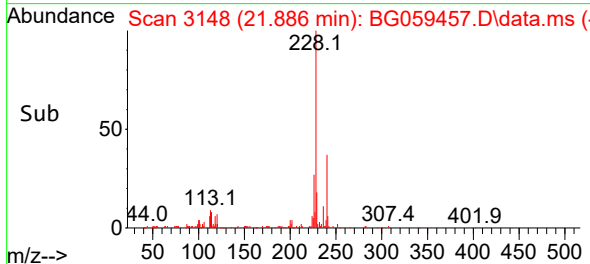
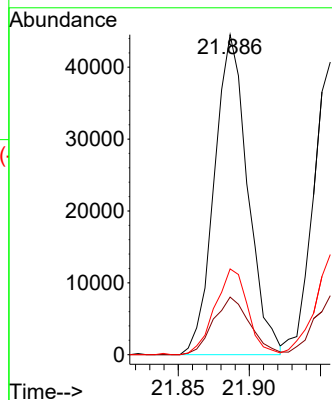
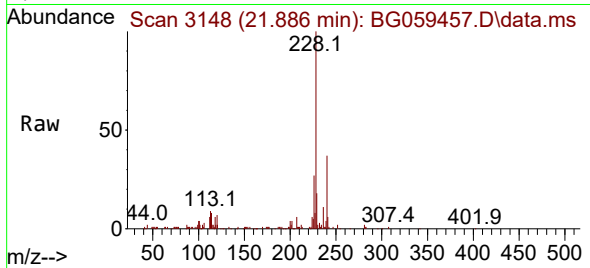
#85
Benzo(a)anthracene
Concen: 4.024 ng/ul
RT: 21.886 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

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

Tgt Ion:228 Resp: 7270
Ion Ratio Lower Upper
228 100
229 18.0 15.0 22.4
226 26.8 20.8 31.2

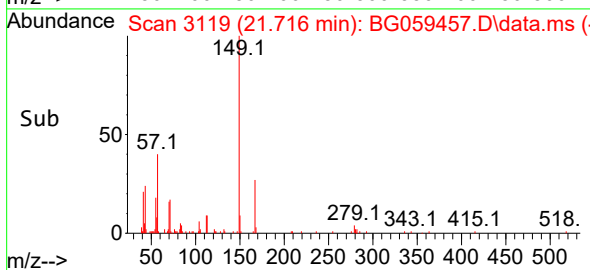
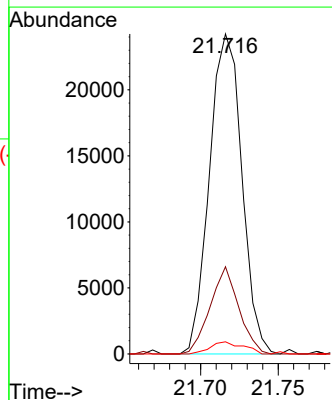
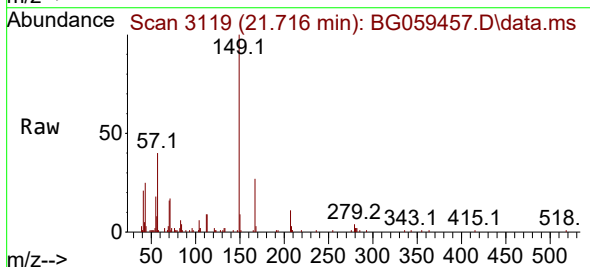
Manual Integrations
APPROVED

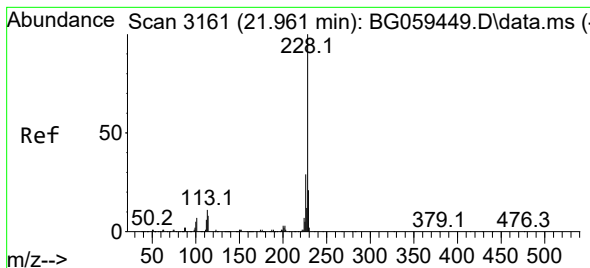
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.026 ng/ul
RT: 21.716 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

Tgt Ion:149 Resp: 35213
Ion Ratio Lower Upper
149 100
167 27.2 20.8 31.2
279 3.8 2.7 4.1





#87

Chrysene

Concen: 4.194 ng/ul

RT: 21.957 min Scan# 3161

Delta R.T. -0.001 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:228 Resp: 7140

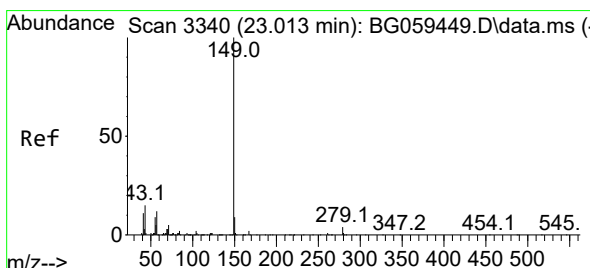
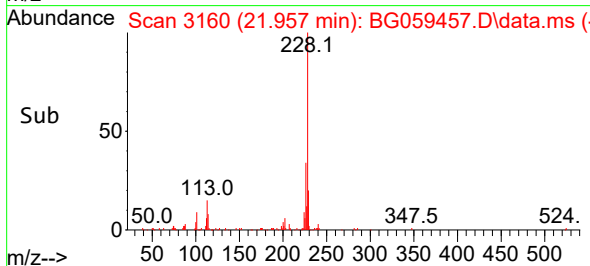
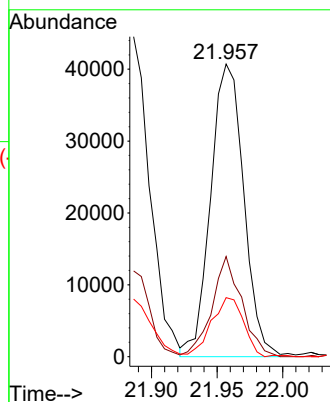
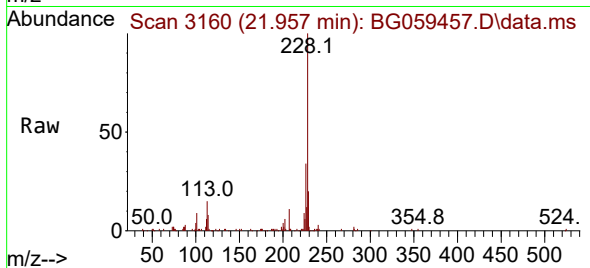
Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.0	34.6
229	20.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 3.793 ng/ul

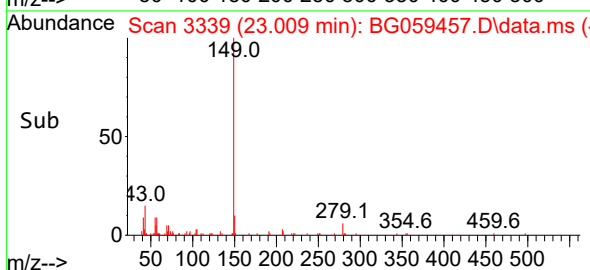
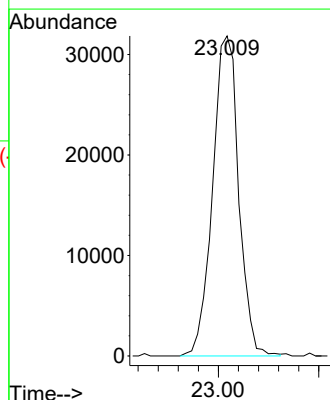
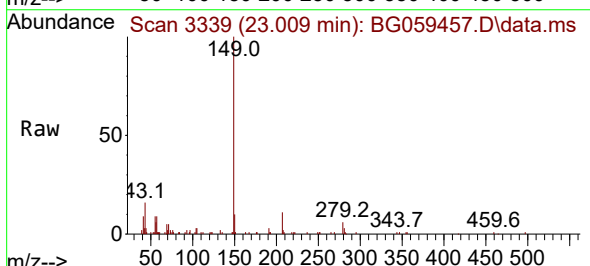
RT: 23.009 min Scan# 3339

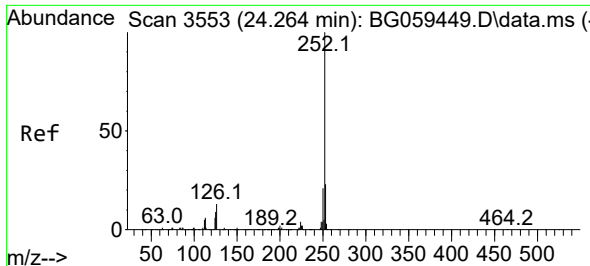
Delta R.T. 0.005 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

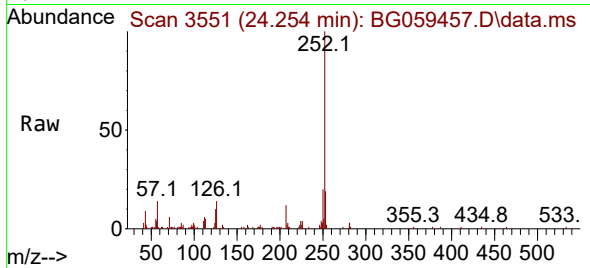
Tgt Ion:149 Resp: 57390





#90
Benzo(b)fluoranthene
Concen: 4.261 ng/ul
RT: 24.254 min Scan# 3551
Delta R.T. -0.006 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

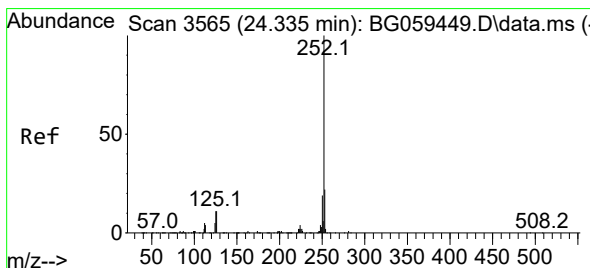
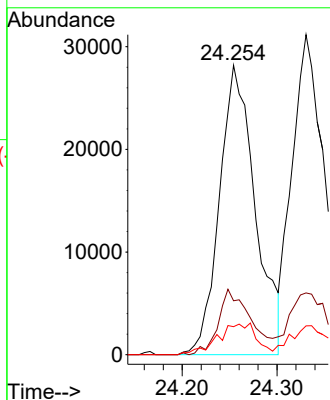
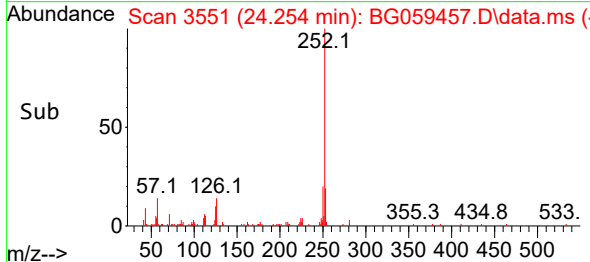
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2023-05



Tgt Ion:252 Resp: 74000
Ion Ratio Lower Upper
252 100
253 18.6 16.8 25.2
125 9.7 6.9 10.3

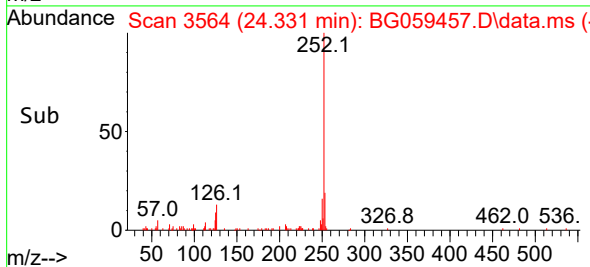
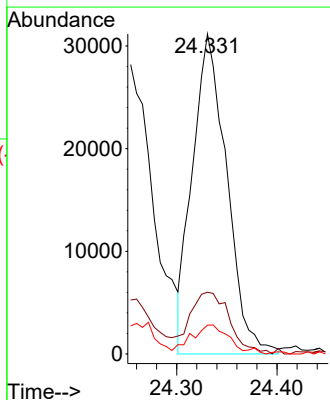
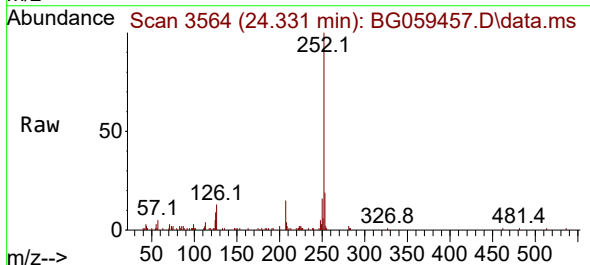
Manual Integrations
APPROVED

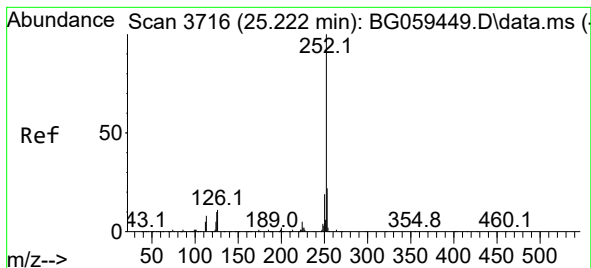
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 4.159 ng/ul
RT: 24.331 min Scan# 3564
Delta R.T. -0.001 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

Tgt Ion:252 Resp: 74044
Ion Ratio Lower Upper
252 100
253 19.3 17.4 26.0
125 9.0 6.9 10.3





#93

Benzo(a)pyrene

Concen: 4.313 ng/ul

RT: 25.224 min Scan# 3716

Delta R.T. 0.005 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2023-05

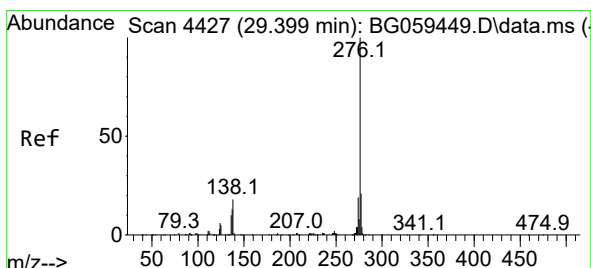
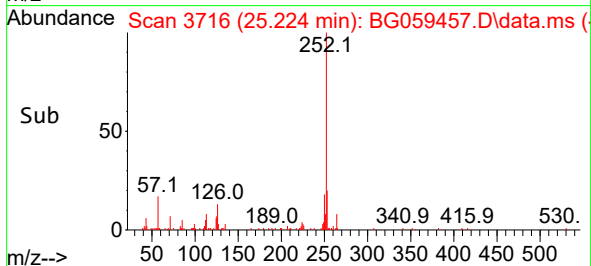
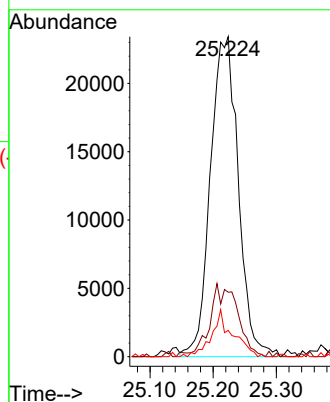
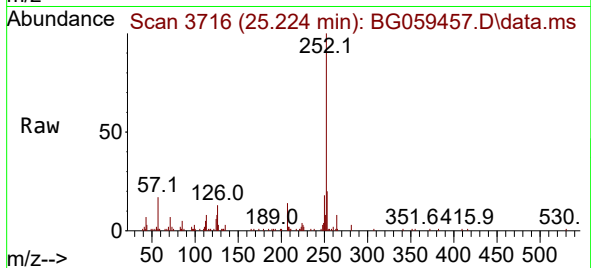
Tgt Ion:	252	Resp:	71820
Ion Ratio	Lower	Upper	
252	100		
253	20.1	17.7	26.5
125	8.2	8.6	12.8

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: 4.184 ng/ul m

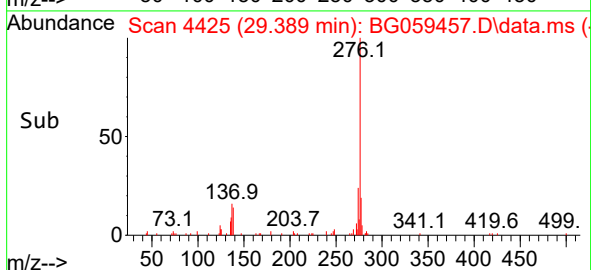
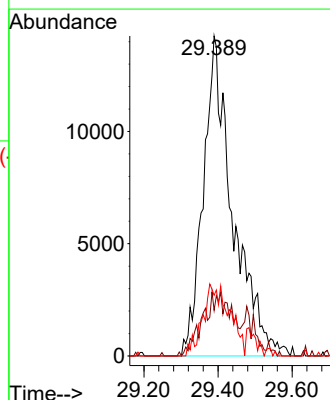
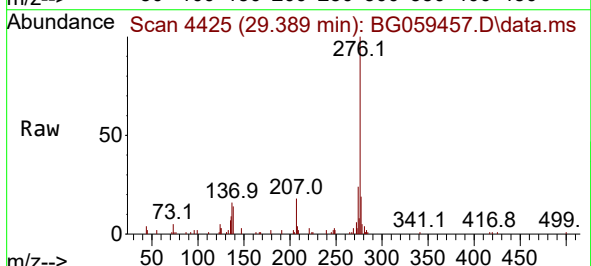
RT: 29.389 min Scan# 4425

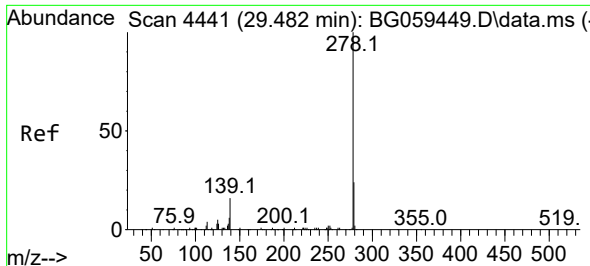
Delta R.T. -0.018 min

Lab File: BG059457.D

Acq: 16 Oct 2023 15:05

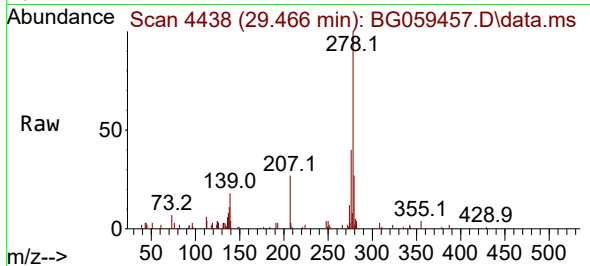
Tgt Ion:	276	Resp:	78366
Ion Ratio	Lower	Upper	
276	100		
138	14.2	13.4	20.2
277	19.0	18.7	28.1





#95
Dibenzo(a,h)anthracene
Concen: 4.062 ng/ul m
RT: 29.466 min Scan# 4441
Delta R.T. -0.012 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

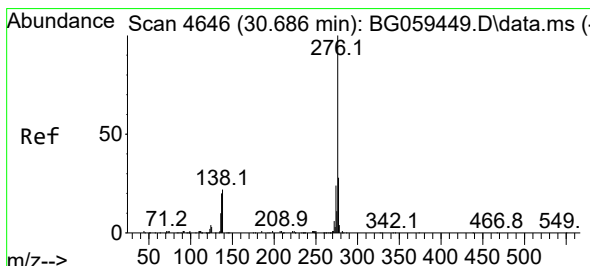
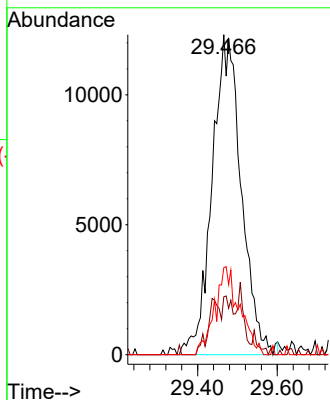
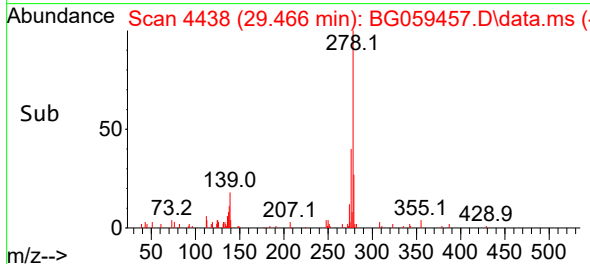
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2023-05



Tgt Ion:278 Resp: 62870
Ion Ratio Lower Upper
278 100
139 18.1 12.1 18.1
279 27.2 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: 4.038 ng/ul m
RT: 30.670 min Scan# 4643
Delta R.T. -0.012 min
Lab File: BG059457.D
Acq: 16 Oct 2023 15:05

Tgt Ion:276 Resp: 61403
Ion Ratio Lower Upper
276 100
138 15.7 16.5 24.7#
277 22.4 12.9 19.3#

