

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022423\
 Data File : BG056720.D
 Acq On : 24 Feb 2023 13:15
 Operator : CG/JU
 Sample : 01378-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01

Quant Time: Feb 24 14:04:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 23 15:40:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	17144	20.000	ng/u1	0.00
20) Naphthalene-d8	11.258	136	75967	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.024	164	61041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.756	188	159399	20.000	ng/u1	0.00
79) Chrysene-d12	22.068	240	141781	20.000	ng/u1	0.00
88) Perylene-d12	25.594	264	145826	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	1322	4.278	ng/uL	-0.01
4) Pyridine-d5	4.142	84	15200	12.185	ng/u1	0.00
7) Phenol-d5	7.544	99	29871	17.412	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	18331	17.517	ng/u1	0.00
11) 2-Chlorophenol-d4	7.944	132	20491	17.986	ng/u1	0.00
15) 4-Methylphenol-d8	9.107	113	23178	17.681	ng/u1	-0.01
21) Nitrobenzene-d5	9.595	128	11271	17.704	ng/u1	0.00
24) 2-Nitrophenol-d4	10.323	143	14179	18.710	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	24073	16.862	ng/u1	0.00
31) 4-Chloroaniline-d4	11.375	131	33294	17.880	ng/u1	-0.01
46) Dimethylphthalate-d6	14.407	166	89635	18.200	ng/u1	-0.01
49) Acenaphthylene-d8	14.724	160	100105	17.884	ng/u1	0.00
54) 4-Nitrophenol-d4	15.176	143	14517	17.097	ng/u1	0.00
60) Fluorene-d10	16.005	176	80356	17.639	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	17035	15.974	ng/u1	-0.01
73) Anthracene-d10	17.856	188	131623	17.021	ng/u1	0.00
81) Pyrene-d10	20.112	212	158807	16.553	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.353	264	137054	17.412	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.737	88	445	1.168	ng/uL	88
5) Pyridine	4.160	79	5199m	3.935	ng/u1	
6) Benzaldehyde	7.538	77	4137	4.603	ng/u1	97
8) Phenol	7.568	94	7086	4.049	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.815	93	5558	4.470	ng/u1	89
12) 2-Chlorophenol	7.973	128	4746	4.207	ng/u1	95
13) 2-Methylphenol	8.843	108	4907	3.718	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.937	45	6870	4.112	ng/u1	95
16) Acetophenone	9.242	105	9385	4.181	ng/u1#	93
17) N-Nitroso-di-n-propyla...	9.219	70	5459	4.238	ng/u1#	98
18) 4-Methylphenol	9.166	108	5916	4.125	ng/u1	100
19) Hexachloroethane	9.530	117	1901	3.962	ng/u1#	65
22) Nitrobenzene	9.636	77	7970	4.317	ng/u1	91
23) Isophorone	10.159	82	15062	4.173	ng/u1	98
25) 2-Nitrophenol	10.353	139	3351	4.480	ng/u1#	88
26) 2,4-Dimethylphenol	10.394	107	5770	3.454	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.635	93	7485	4.103	ng/u1#	86
29) 2,4-Dichlorophenol	10.887	162	5930	4.289	ng/u1#	84
30) Naphthalene	11.310	128	17338	4.146	ng/u1#	94
32) 4-Chloroaniline	11.399	127	7525	4.080	ng/u1	91
33) Hexachlorobutadiene	11.581	225	4581	4.158	ng/u1#	76
34) Caprolactam	12.145	113	2349	4.998	ng/u1#	74
35) 4-Chloro-3-methylphenol	12.486	107	6658	4.192	ng/u1	92
36) 2-Methylnaphthalene	12.879	142	12563	4.195	ng/u1	90

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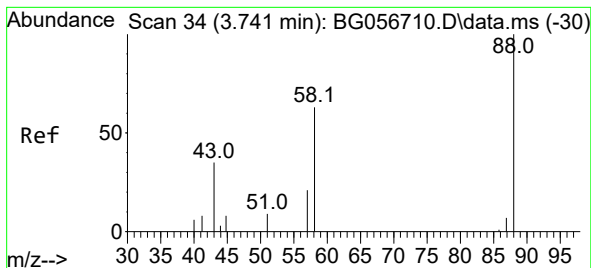
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.097	142	11346	3.843	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.238	216	9210	4.256	ng/ul	99
40) Hexachlorocyclopentadiene	13.220	237	6441	4.154	ng/ul	98
41) 2,4,6-Trichlorophenol	13.467	196	5992	4.144	ng/ul	96
42) 2,4,5-Trichlorophenol	13.531	196	6402	4.077	ng/ul	97
43) 1,1'-Biphenyl	13.860	154	19679	4.384	ng/ul	95
44) 2-Chloronaphthalene	13.913	162	15823	4.261	ng/ul	94
45) 2-Nitroaniline	14.101	65	5286	4.101	ng/ul	93
47) Dimethylphthalate	14.454	163	20909	4.175	ng/ul#	96
48) 2,6-Dinitrotoluene	14.577	165	4267	4.156	ng/ul	96
50) Acenaphthylene	14.748	152	24295	4.296	ng/ul#	92
51) 3-Nitroaniline	14.912	138	4047	4.404	ng/ul	94
52) Acenaphthene	15.088	153	16434	4.231	ng/ul	86
53) 2,4-Dinitrophenol	15.112	184	2818	4.284	ng/ul	92
55) 4-Nitrophenol	15.188	109	3822	3.889	ng/ul	85
56) Dibenzofuran	15.417	168	24672	4.184	ng/ul	98
57) 2,4-Dinitrotoluene	15.359	165	6003	4.078	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.635	232	5740	3.928	ng/ul#	88
59) Diethylphthalate	15.799	149	21242	4.237	ng/ul	99
61) Fluorene	16.064	166	20548	4.352	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.040	204	11350	4.058	ng/ul	92
63) 4-Nitroaniline	16.064	138	3805	4.238	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.117	198	4918	4.790	ng/ul#	97
67) N-Nitrosodiphenylamine	16.252	169	18444	4.161	ng/ul	98
68) 4-Bromophenyl-phenylether	16.933	248	8300	4.109	ng/ul#	92
69) Hexachlorobenzene	17.063	284	9036	4.164	ng/ul#	90
70) Atrazine	17.180	200	8604	4.469	ng/ul	99
71) Pentachlorophenol	17.397	266	4850m	3.936	ng/ul	
72) Phenanthrene	17.803	178	34924	4.045	ng/ul	98
74) Anthracene	17.891	178	35667	4.088	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.837	216	8517	3.493	ng/uL	91
76) Pentachlorobenzene	15.335	250	8816	3.565	ng/uL	93
77) Carbazole	18.149	167	31411	4.302	ng/ul	97
78) Di-n-butylphthalate	18.678	149	34802	4.136	ng/ul	97
80) Fluoranthene	19.783	202	44684	3.852	ng/ul	99
82) Pyrene	20.141	202	44707	3.912	ng/ul#	97
83) Butylbenzylphthalate	21.005	149	14721	4.060	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.939	252	16018	4.506	ng/ul	95
85) Benzo(a)anthracene	22.045	228	42735	4.141	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.910	149	21274	4.177	ng/ul#	93
87) Chrysene	22.115	228	39058	4.064	ng/ul	99
89) Di-n-octyl phthalate	23.220	149	35923	4.531	ng/ul	100
90) Benzo(b)fluoranthene	24.460	252	41921	4.294	ng/ul	98
91) Benzo(k)fluoranthene	24.530	252	41303m	4.344	ng/ul	
93) Benzo(a)pyrene	25.423	252	36665	4.273	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.636	276	48552m	4.165	ng/ul	
95) Dibenzo(a,h)anthracene	29.724	278	39934	4.097	ng/ul#	91
96) Benzo(g,h,i)perylene	30.929	276	38898m	4.177	ng/ul	

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



#2

1,4-Dioxane

Concen: 1.168 ng/uL

RT: 3.737 min Scan# 34

Delta R.T. -0.005 min

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BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

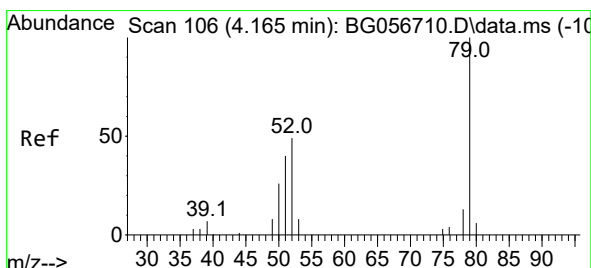
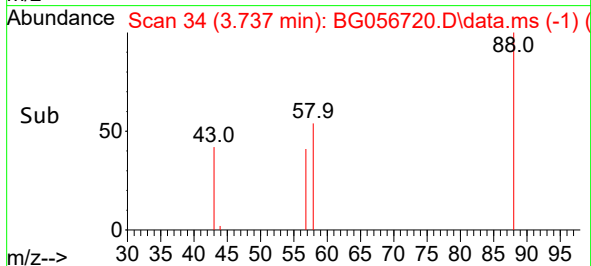
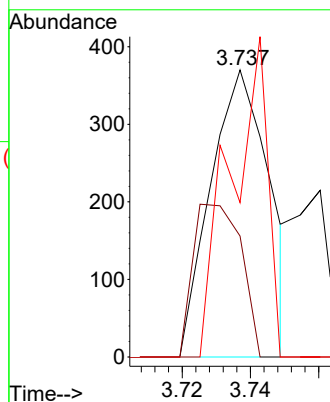
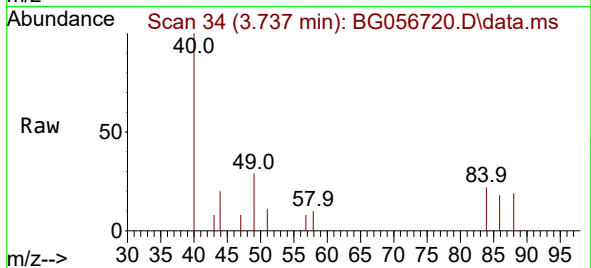
Tgt Ion: 88	Resp: 44
Ion Ratio	Lower Upper
88	100
43	42.2 28.3 42.5
58	53.8 50.6 75.8

Manual Integrations

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#5

Pyridine

Concen: 3.935 ng/uL

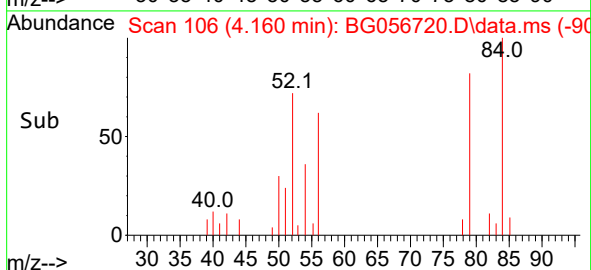
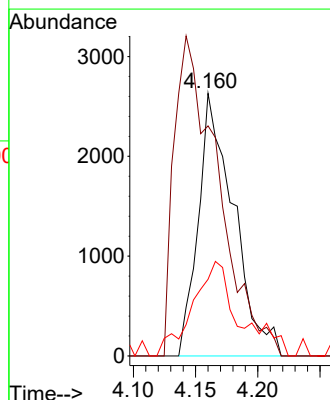
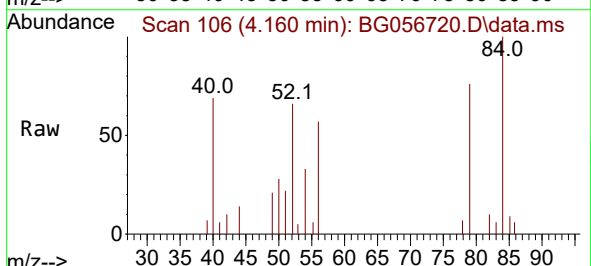
RT: 4.160 min Scan# 106

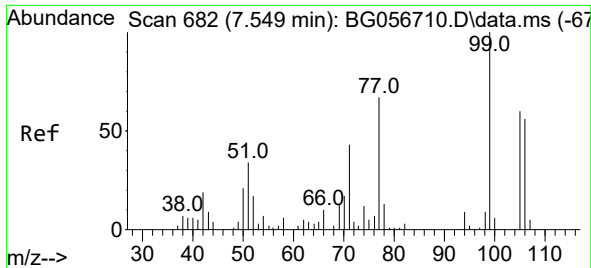
Delta R.T. -0.005 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Tgt Ion: 79	Resp: 5199
Ion Ratio	Lower Upper
79	100
52	87.6 60.6 91.0
51	29.2 31.9 47.9





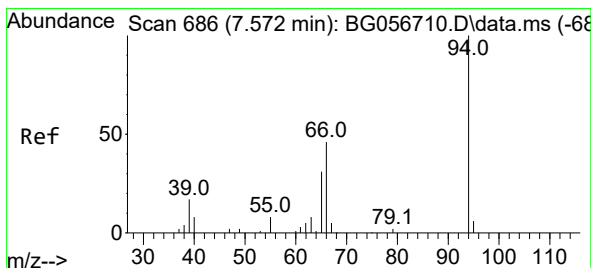
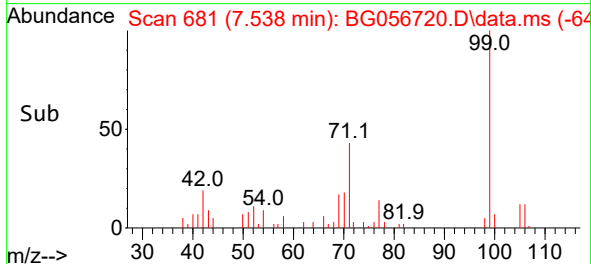
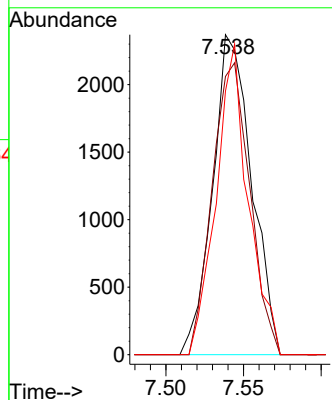
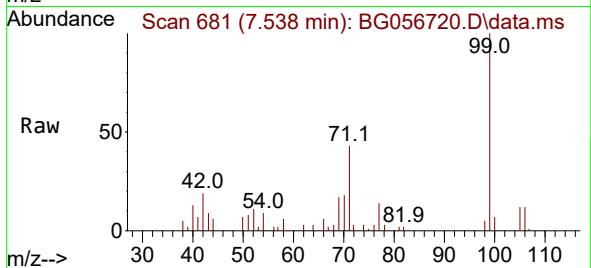
#6
Benzaldehyde
Concen: 4.603 ng/ul
RT: 7.538 min Scan# 681
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion: 77 Resp: 413
Ion Ratio Lower Upper
77 100
105 87.0 72.2 108.4
106 82.4 67.4 101.2

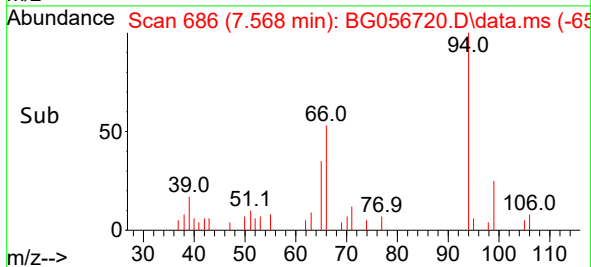
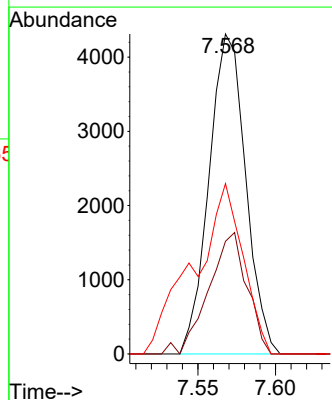
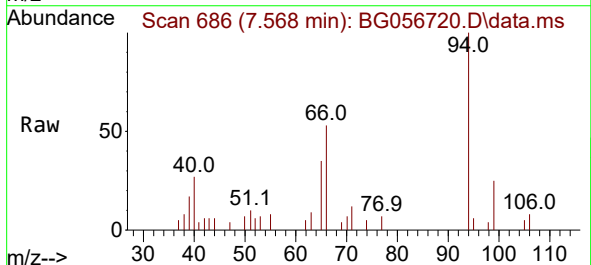
Manual Integrations
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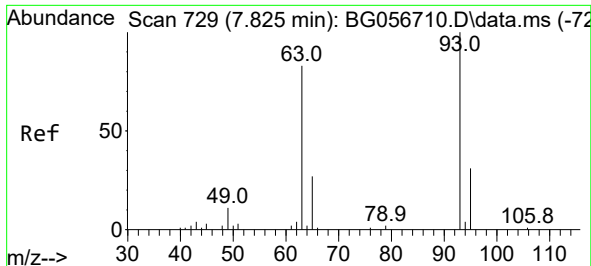
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#8
Phenol
Concen: 4.049 ng/ul
RT: 7.568 min Scan# 686
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Tgt Ion: 94 Resp: 7086
Ion Ratio Lower Upper
94 100
65 35.2 25.7 38.5
66 53.2 38.9 58.3





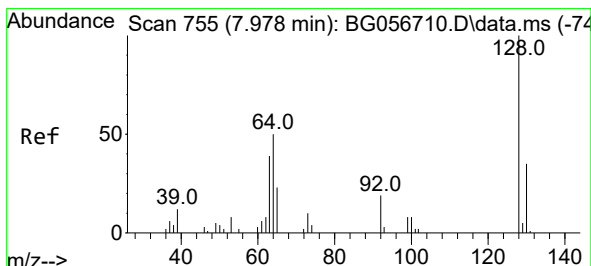
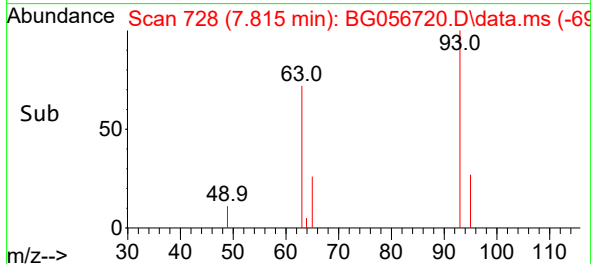
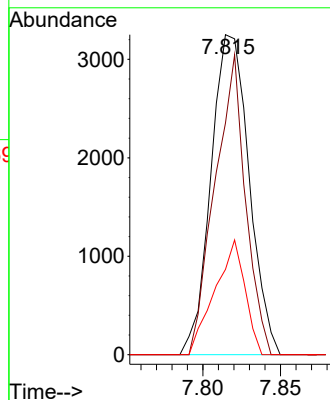
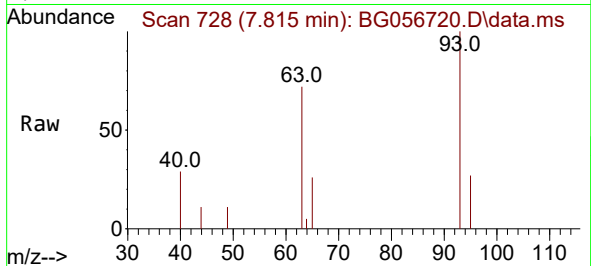
#10
Bis(2-Chloroethyl)ether
Concen: 4.470 ng/ul
RT: 7.815 min Scan# 728
Delta R.T. -0.010 min
Lab File: BG056720.D
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Tgt Ion: 93 Resp: 5558
Ion Ratio Lower Upper
93 100
63 72.4 66.6 100.0
95 26.6 25.0 37.4

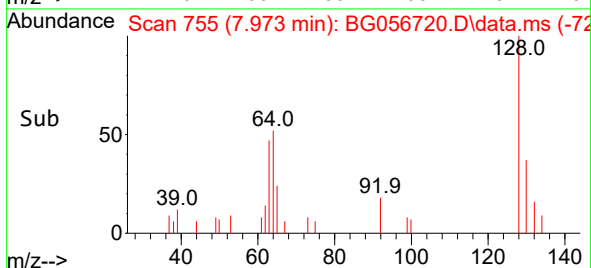
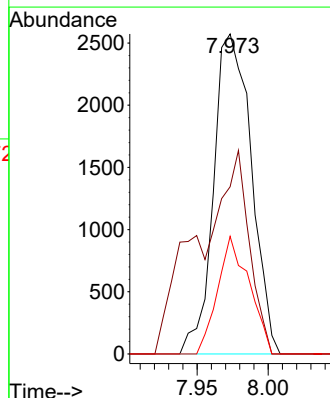
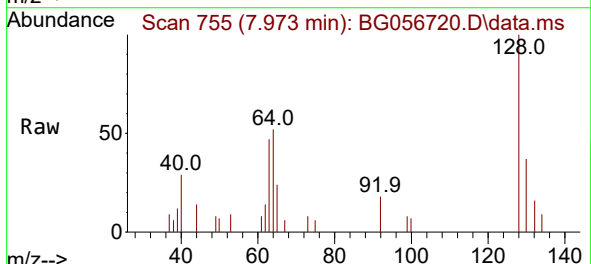
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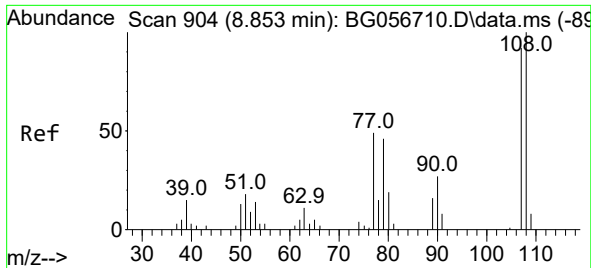
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#12
2-Chlorophenol
Concen: 4.207 ng/ul
RT: 7.973 min Scan# 755
Delta R.T. -0.005 min
Lab File: BG056720.D
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Tgt Ion:128 Resp: 4746
Ion Ratio Lower Upper
128 100
64 52.3 45.5 68.3
130 36.8 27.7 41.5





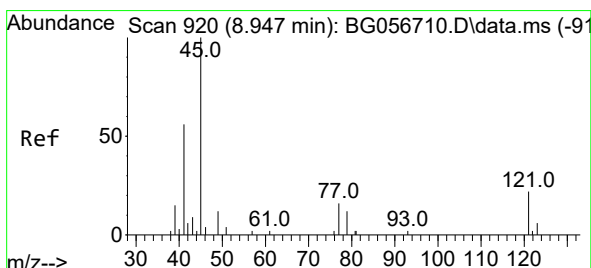
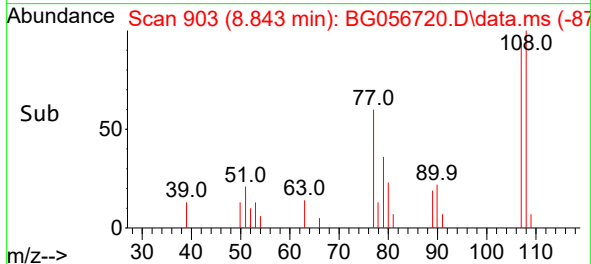
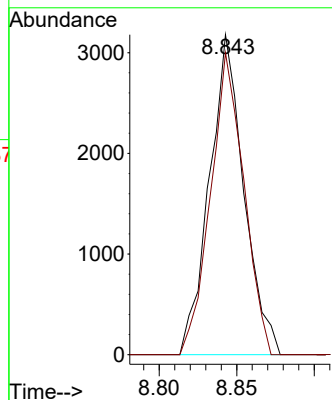
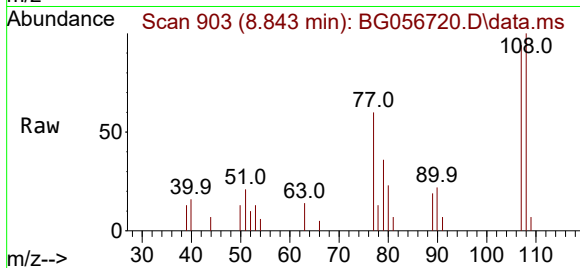
#13
2-Methylphenol
Concen: 3.718 ng/ul
RT: 8.843 min Scan# 904
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

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MDL-MED-SOIL-QT1-2023-01

Tgt Ion:108 Resp: 490
Ion Ratio Lower Upper
108 100
107 94.4 73.4 110.0

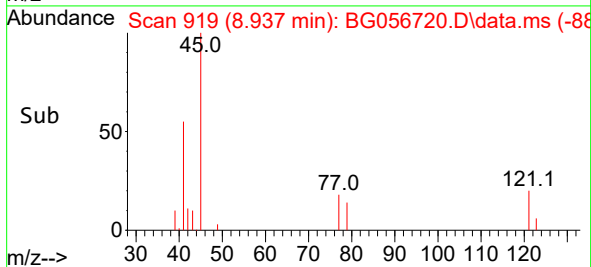
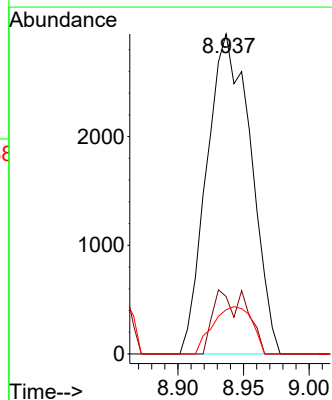
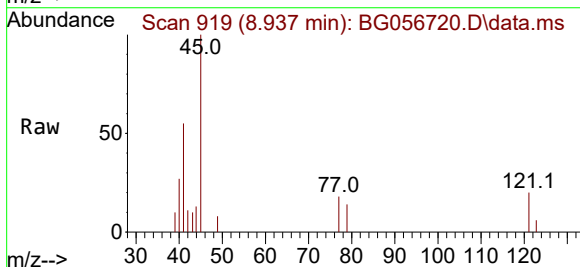
Manual Integrations
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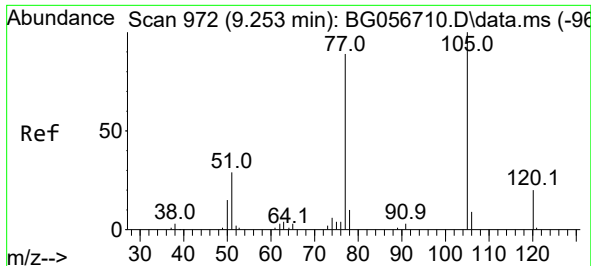
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.112 ng/ul
RT: 8.937 min Scan# 919
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Tgt Ion: 45 Resp: 6870
Ion Ratio Lower Upper
45 100
77 18.0 12.4 18.6
79 13.8 9.8 14.6





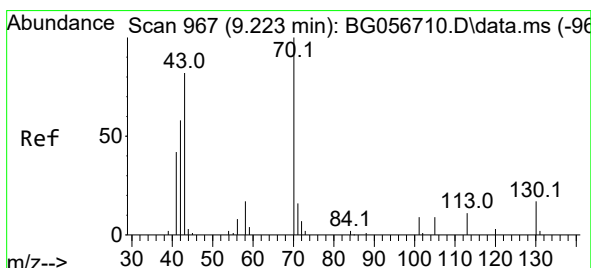
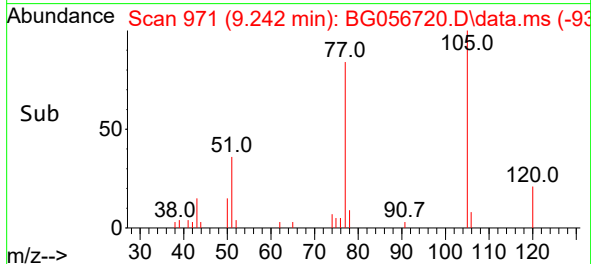
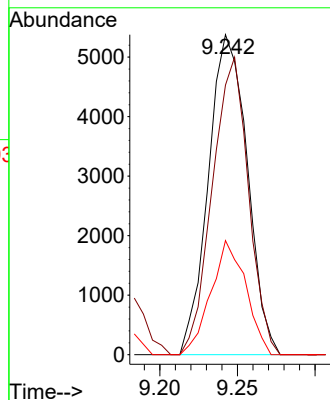
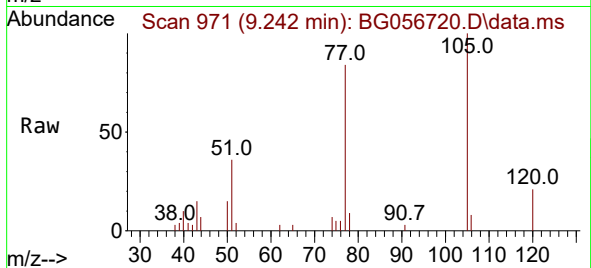
#16
Acetophenone
Concen: 4.181 ng/ul
RT: 9.242 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:105 Resp: 938
Ion Ratio Lower Upper
105 100
77 84.2 71.4 107.0
51 35.6 23.6 35.4

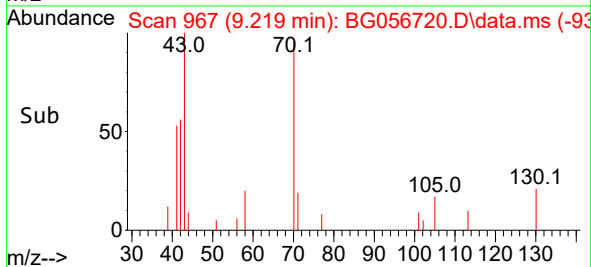
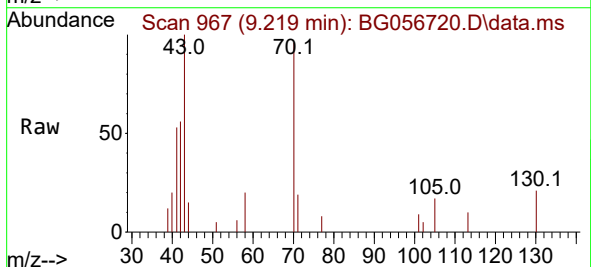
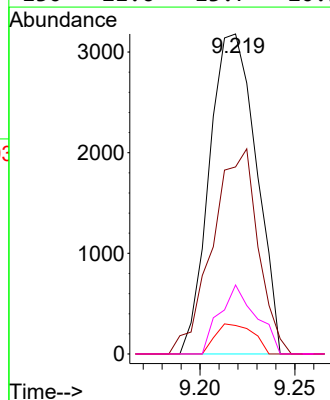
Manual Integrations
APPROVED

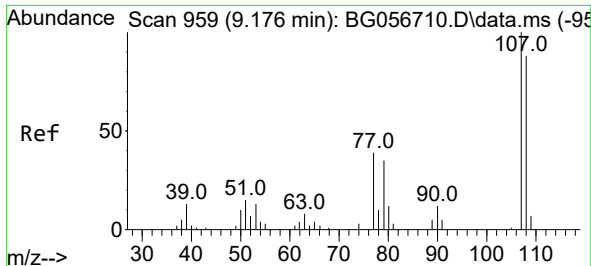
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.238 ng/ul
RT: 9.219 min Scan# 967
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Tgt Ion: 70 Resp: 5459
Ion Ratio Lower Upper
70 100
42 58.5 46.6 70.0
101 8.9 7.3 10.9
130 21.6 13.7 20.5





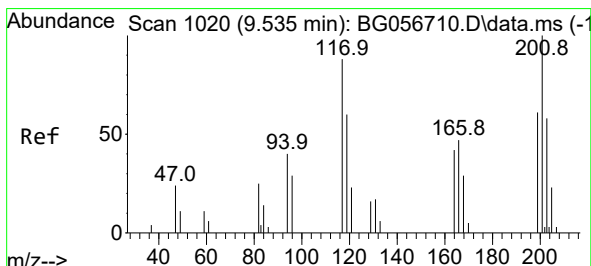
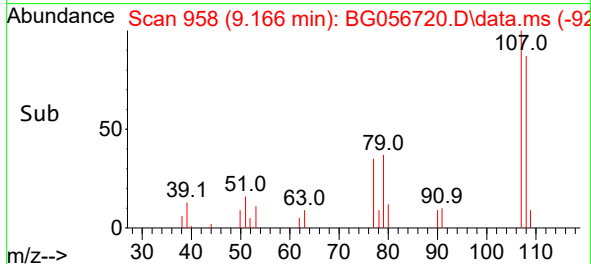
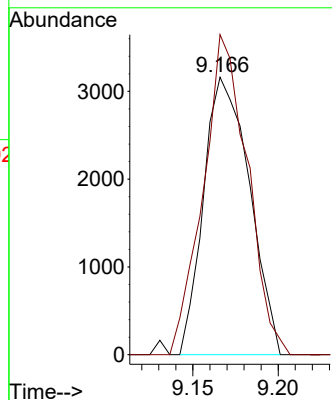
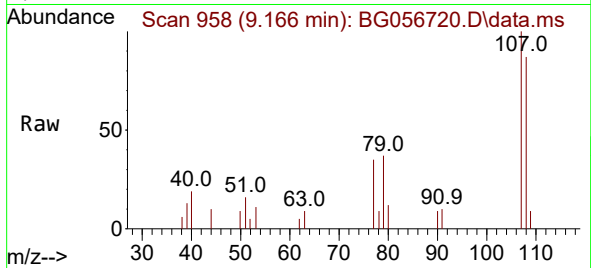
#18
4-Methylphenol
Concen: 4.125 ng/ul
RT: 9.166 min Scan# 910
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:108 Resp: 5910
Ion Ratio Lower Upper
108 100
107 115.3 92.1 138.1

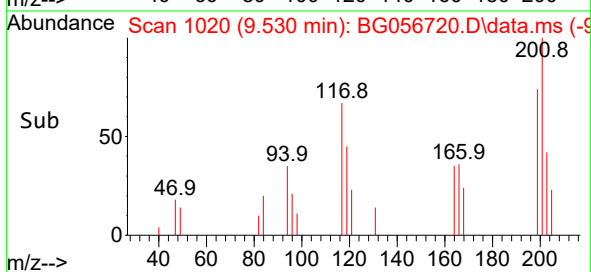
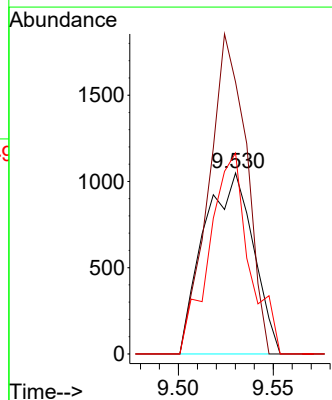
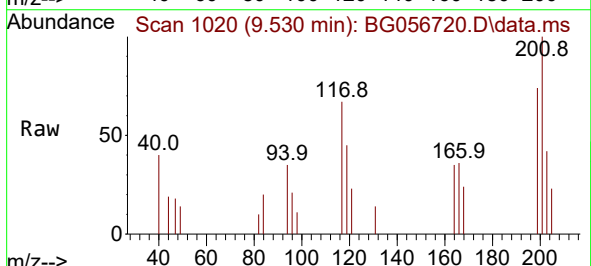
Manual Integrations
APPROVED

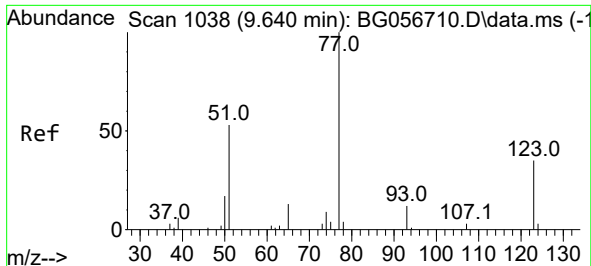
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#19
Hexachloroethane
Concen: 3.962 ng/ul
RT: 9.530 min Scan# 1020
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Tgt Ion:117 Resp: 1901
Ion Ratio Lower Upper
117 100
201 150.2 95.2 142.8#
199 111.1 57.9 86.9#





#22

Nitrobenzene

Concen: 4.317 ng/ul

RT: 9.636 min Scan# 1038

Delta R.T. -0.005 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

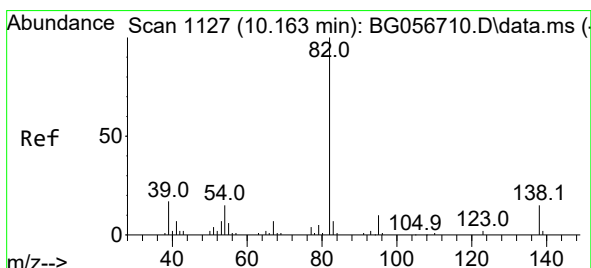
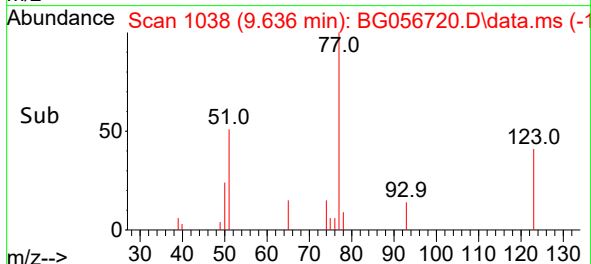
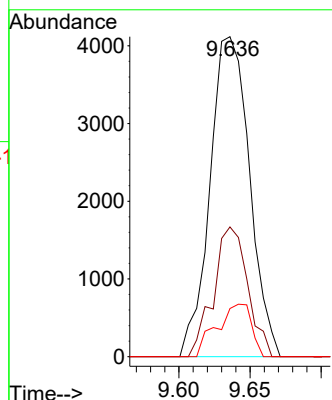
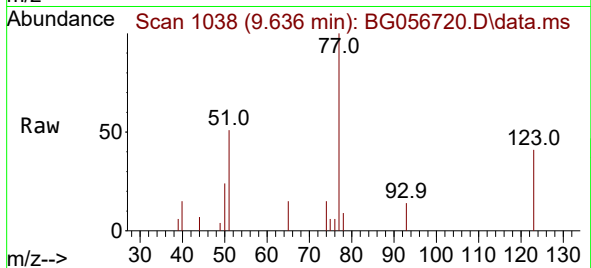
Tgt Ion: 77	Resp: 7970
Ion Ratio	Lower Upper
77 100	
123 40.5	27.8 41.6
65 15.1	10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#23

Isophorone

Concen: 4.173 ng/ul

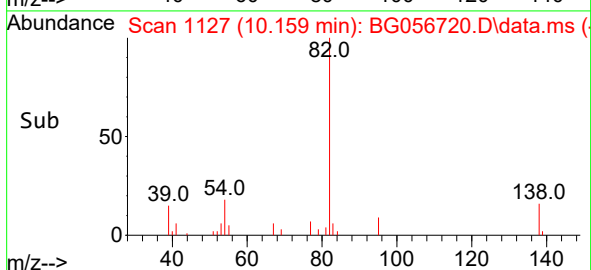
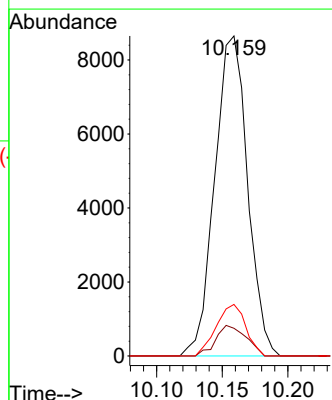
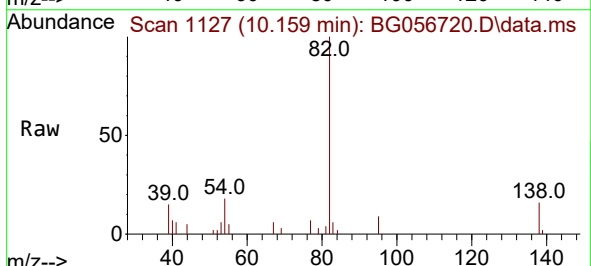
RT: 10.159 min Scan# 1127

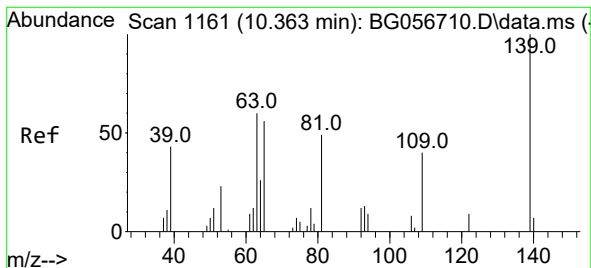
Delta R.T. -0.005 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Tgt Ion: 82	Resp: 15062
Ion Ratio	Lower Upper
82 100	
95 8.7	7.7 11.5
138 16.1	12.1 18.1





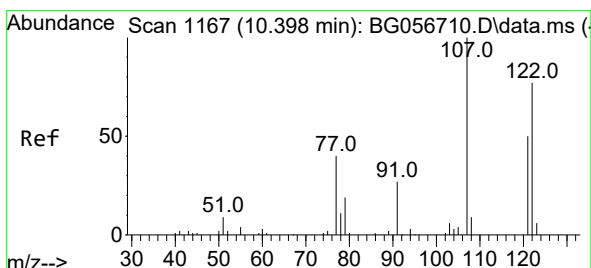
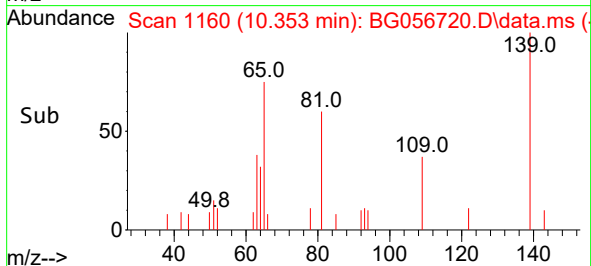
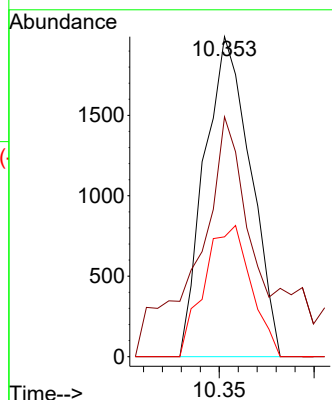
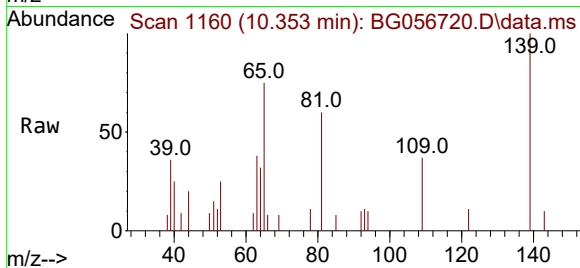
#25
2-Nitrophenol
Concen: 4.480 ng/ul
RT: 10.353 min Scan# 1160
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:139 Resp: 335
Ion Ratio Lower Upper
139 100
65 75.0 49.4 74.2
109 37.5 31.6 47.4

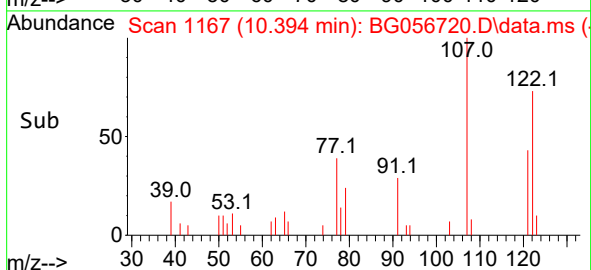
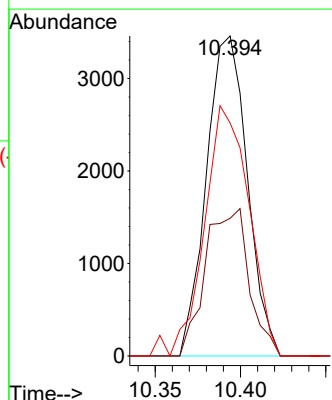
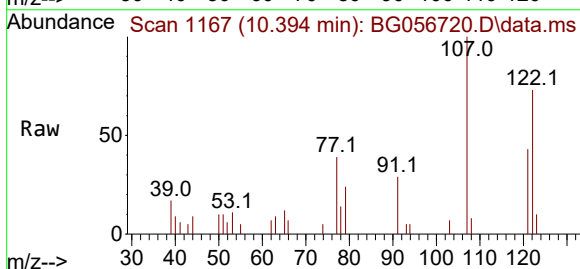
Manual Integrations
APPROVED

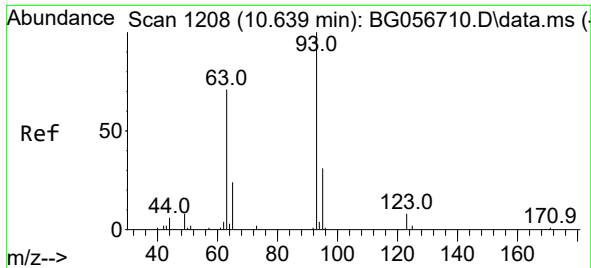
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#26
2,4-Dimethylphenol
Concen: 3.454 ng/ul
RT: 10.394 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Tgt Ion:107 Resp: 5770
Ion Ratio Lower Upper
107 100
121 43.0 40.2 60.4
122 72.8 63.1 94.7





#27

Bis(2-Chloroethoxy)methane

Concen: 4.103 ng/ul

RT: 10.635 min Scan# 1208

Delta R.T. -0.005 min

Lab File: BG056720.D

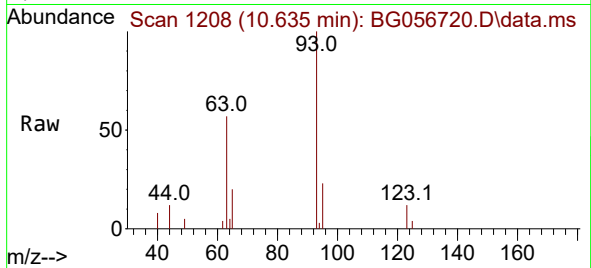
Acq: 24 Feb 2023 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01



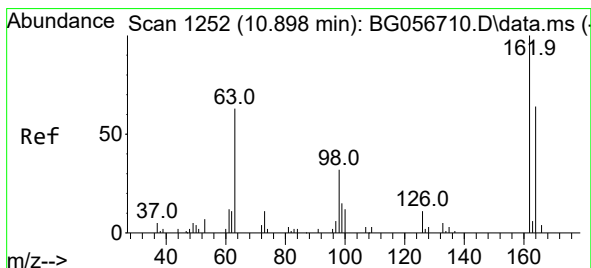
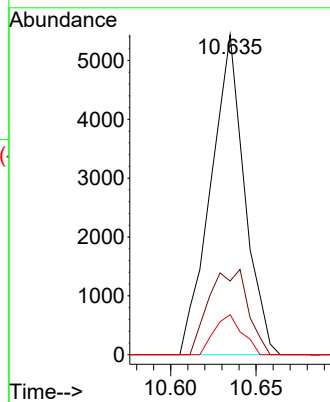
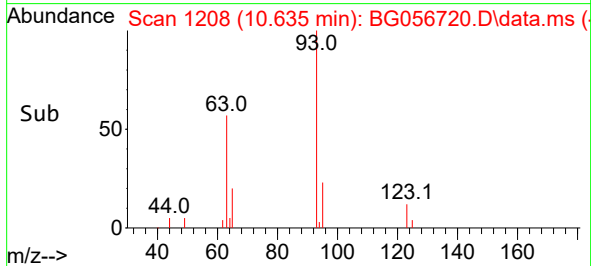
Tgt Ion: 93	Resp: 748
Ion Ratio	Lower Upper
93	100
95	23.0 24.6 37.0
123	12.5 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#29

2,4-Dichlorophenol

Concen: 4.289 ng/ul

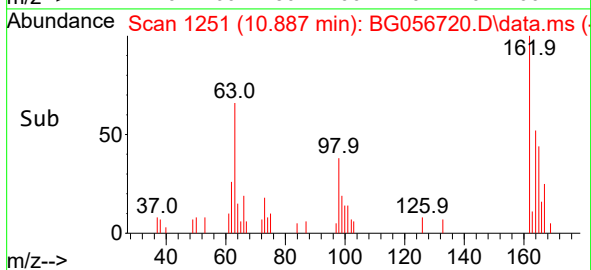
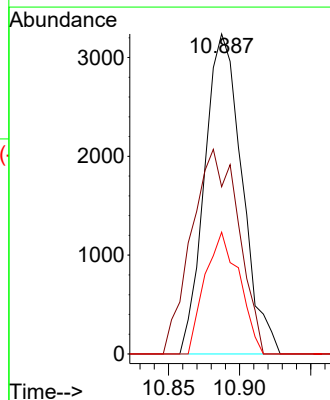
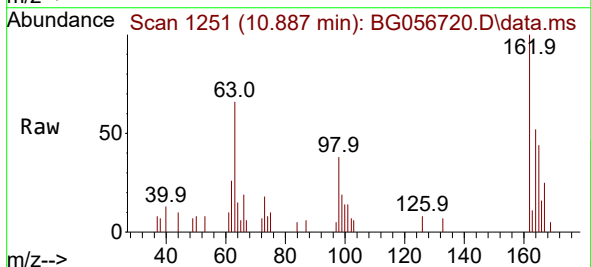
RT: 10.887 min Scan# 1251

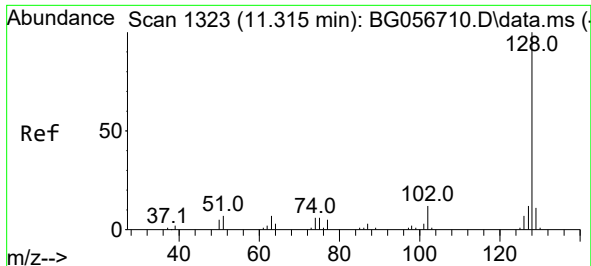
Delta R.T. -0.010 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

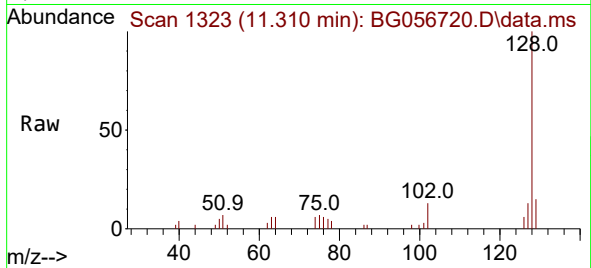
Tgt Ion: 162	Resp: 5930
Ion Ratio	Lower Upper
162	100
164	52.3 53.3 79.9
98	38.0 25.5 38.3





#30
Naphthalene
Concen: 4.146 ng/ul
RT: 11.310 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

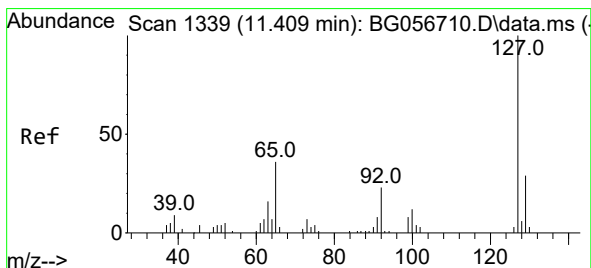
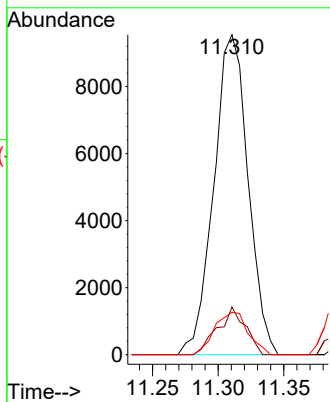
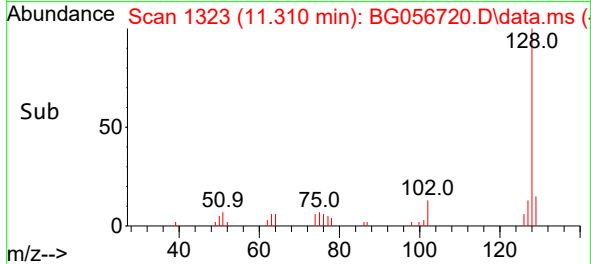
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:128 Resp: 17338
Ion Ratio Lower Upper
128 100
129 14.9 8.6 12.8
127 13.2 9.8 14.8

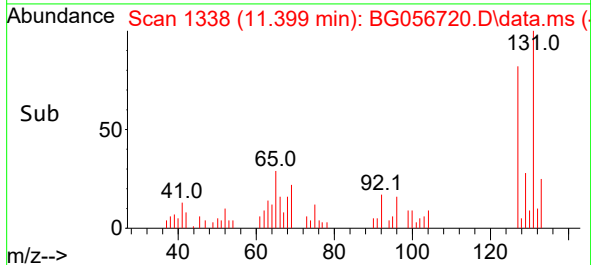
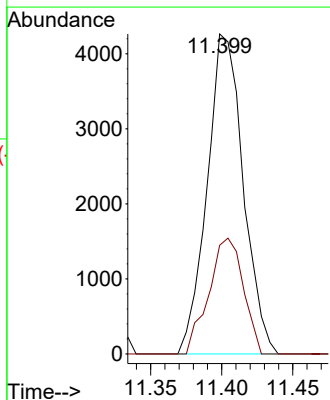
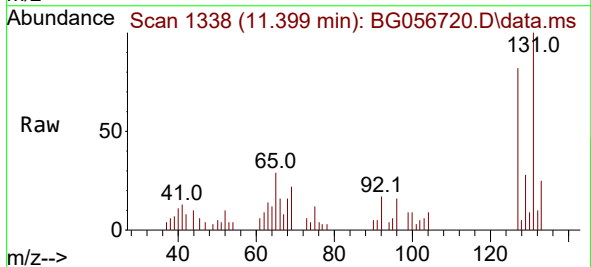
Manual Integrations
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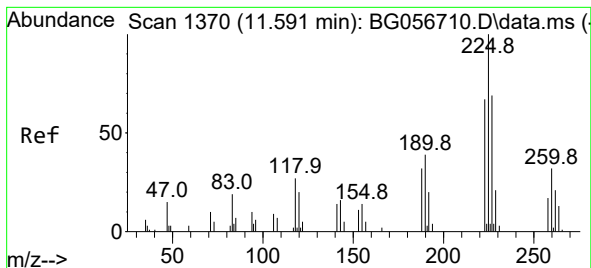
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#32
4-Chloroaniline
Concen: 4.080 ng/ul
RT: 11.399 min Scan# 1338
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

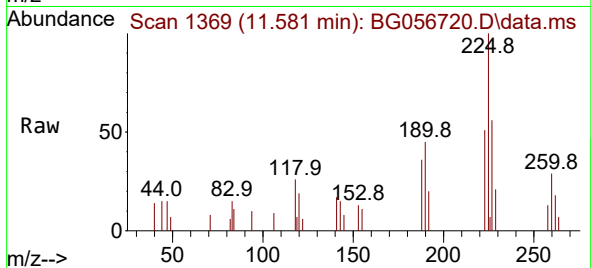
Tgt Ion:127 Resp: 7525
Ion Ratio Lower Upper
127 100
129 33.9 23.4 35.0





#33
Hexachlorobutadiene
Concen: 4.158 ng/ul
RT: 11.581 min Scan# 1369
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

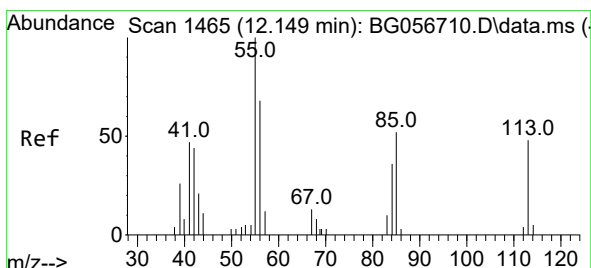
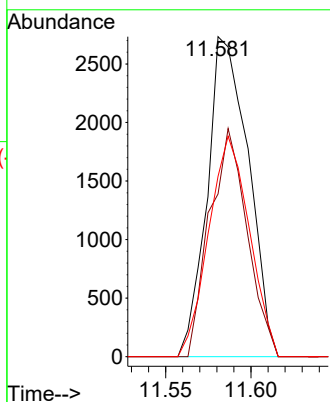
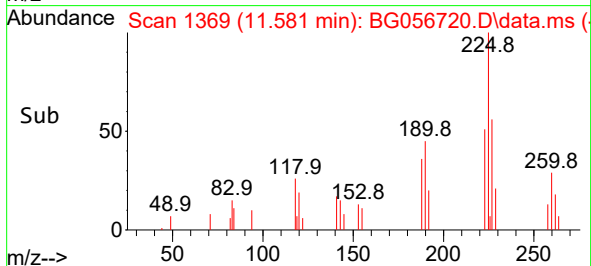
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:225 Resp: 458
Ion Ratio Lower Upper
225 100
223 47.6 53.5 80.3
227 52.7 58.2 87.2

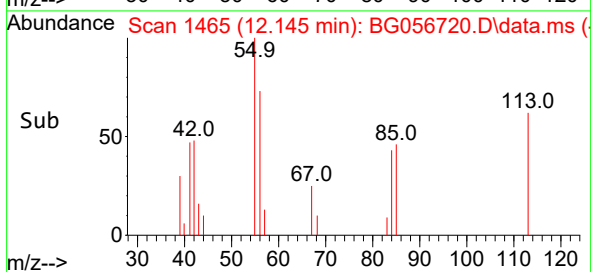
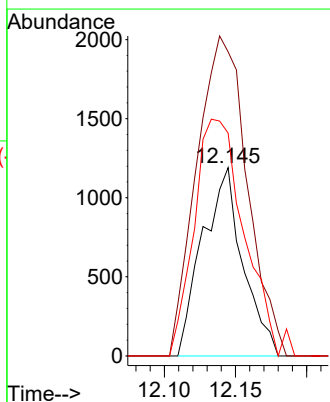
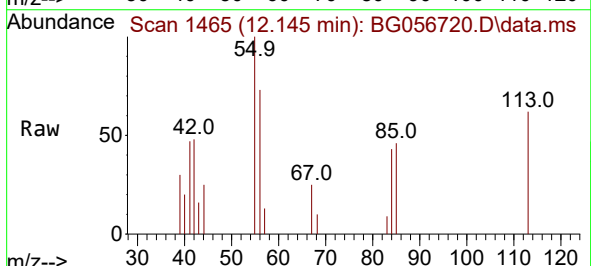
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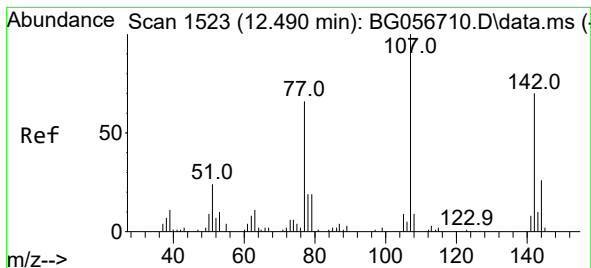
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#34
Caprolactam
Concen: 4.998 ng/ul
RT: 12.145 min Scan# 1465
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

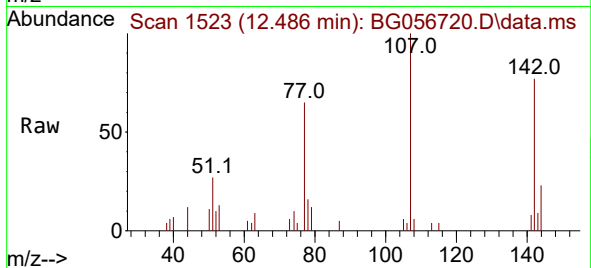
Tgt Ion:113 Resp: 2349
Ion Ratio Lower Upper
113 100
55 161.6 167.0 250.6
56 118.4 113.5 170.3





#35
4-Chloro-3-methylphenol
Concen: 4.192 ng/ul
RT: 12.486 min Scan# 1523
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

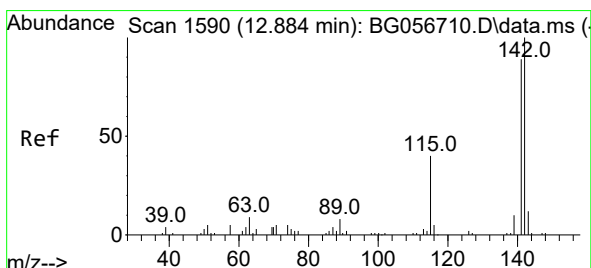
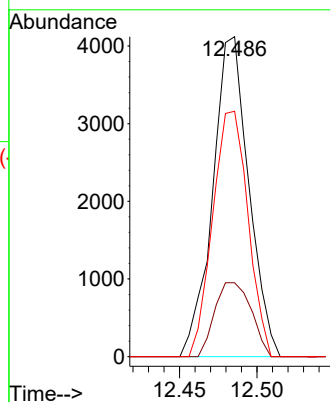
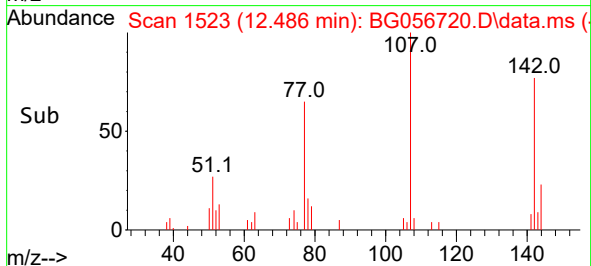
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



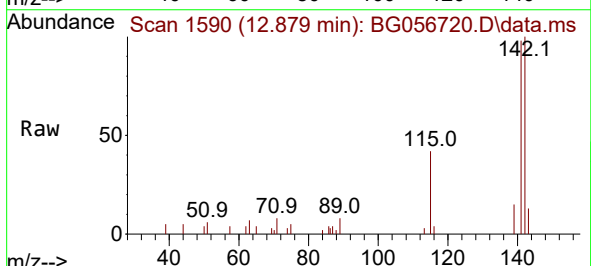
Tgt Ion:107 Resp: 6658
Ion Ratio Lower Upper
107 100
144 23.1 20.5 30.7
142 76.7 55.8 83.6

Manual Integrations
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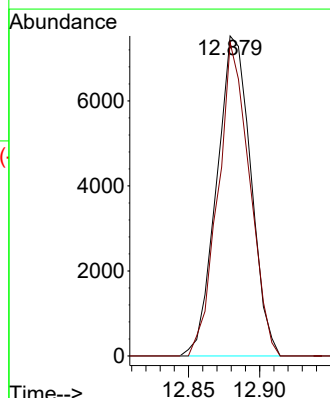
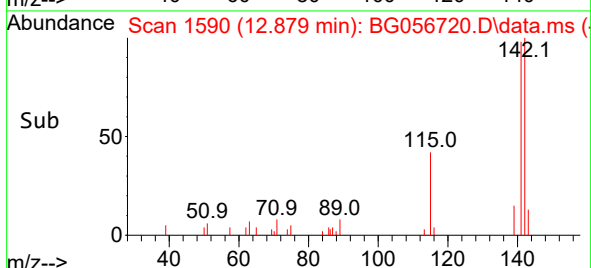
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

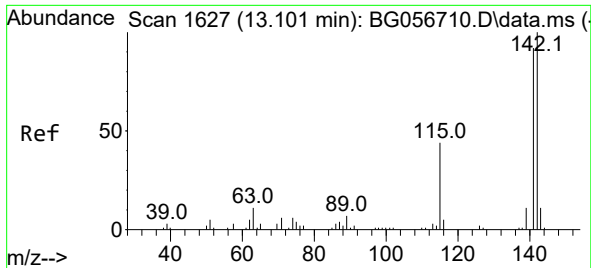


#36
2-Methylnaphthalene
Concen: 4.195 ng/ul
RT: 12.879 min Scan# 1590
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15



Tgt Ion:142 Resp: 12563
Ion Ratio Lower Upper
142 100
141 98.0 71.0 106.6





#37

1-Methylnaphthalene

Concen: 3.843 ng/ul

RT: 13.097 min Scan# 1627

Delta R.T. -0.005 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

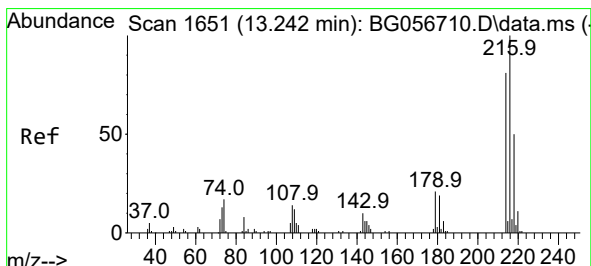
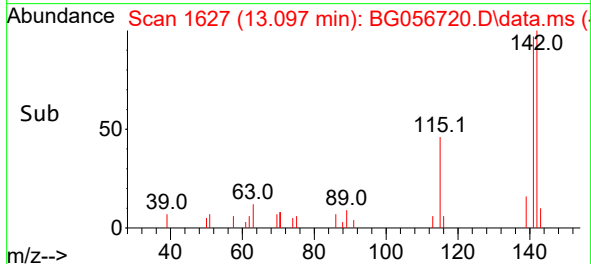
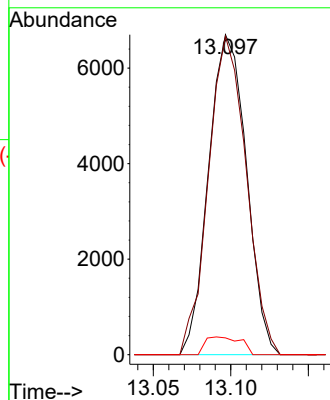
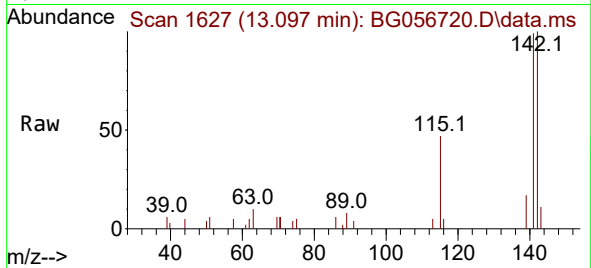
Tgt Ion:	142	Resp:	1134
Ion Ratio	Lower	Upper	
142	100		
141	99.5	73.5	110.3
116	5.3	4.0	6.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.256 ng/ul

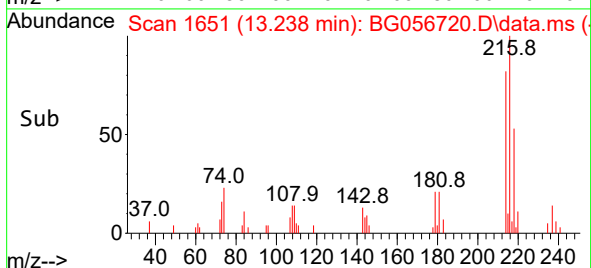
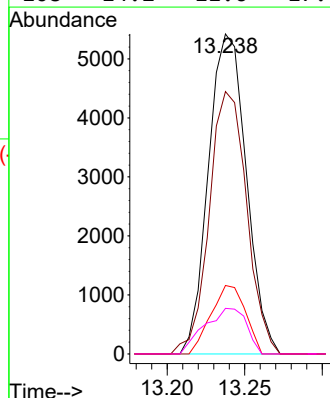
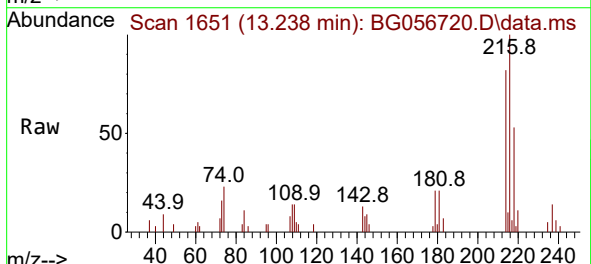
RT: 13.238 min Scan# 1651

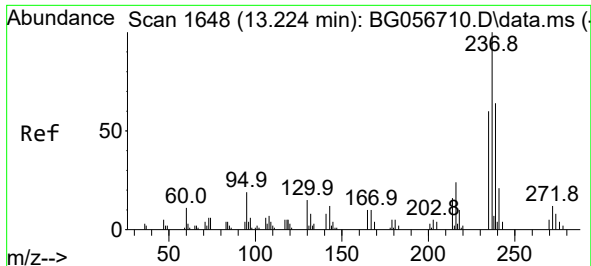
Delta R.T. -0.005 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

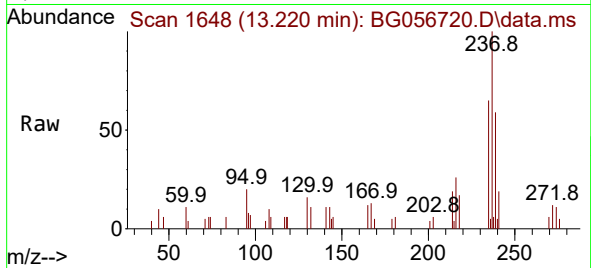
Tgt Ion:	216	Resp:	9210
Ion Ratio	Lower	Upper	
216	100		
214	82.0	64.4	96.6
179	21.4	16.9	25.3
108	14.2	11.6	17.4





#40
Hexachlorocyclopentadiene
Concen: 4.154 ng/ul
RT: 13.220 min Scan# 1648
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

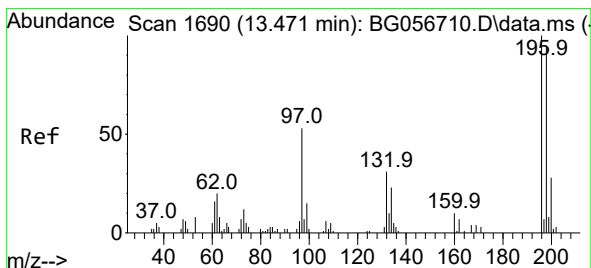
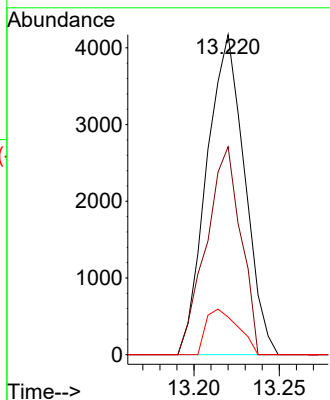
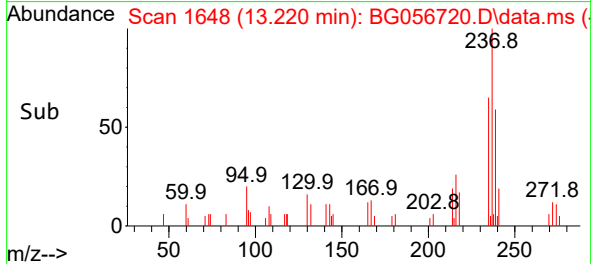
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



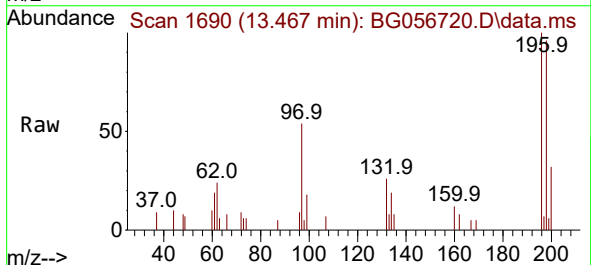
Tgt Ion:237 Resp: 644
Ion Ratio Lower Upper
237 100
235 61.1 47.8 71.8
272 11.0 9.9 14.9

Manual Integrations
APPROVED

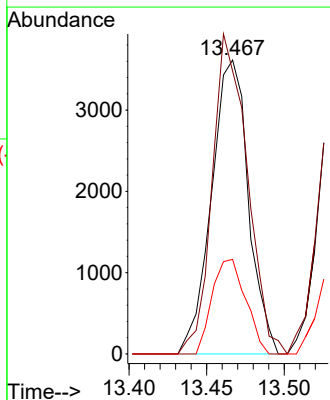
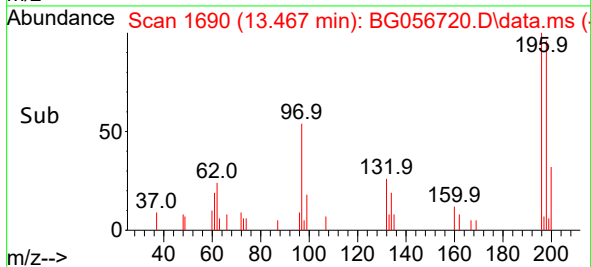
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

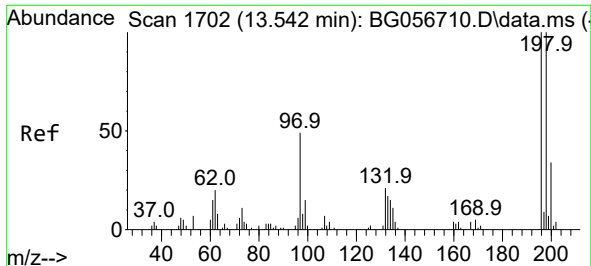


#41
2,4,6-Trichlorophenol
Concen: 4.144 ng/ul
RT: 13.467 min Scan# 1690
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15



Tgt Ion:196 Resp: 5992
Ion Ratio Lower Upper
196 100
198 96.2 75.0 112.6
200 32.2 22.1 33.1





#42

2,4,5-Trichlorophenol

Concen: 4.077 ng/ul

RT: 13.531 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

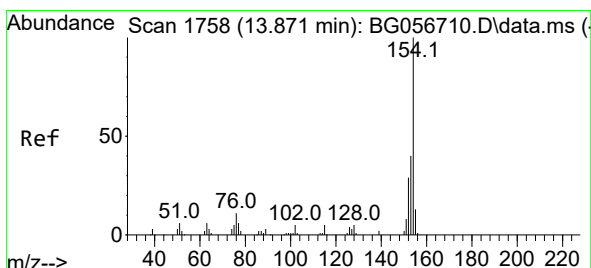
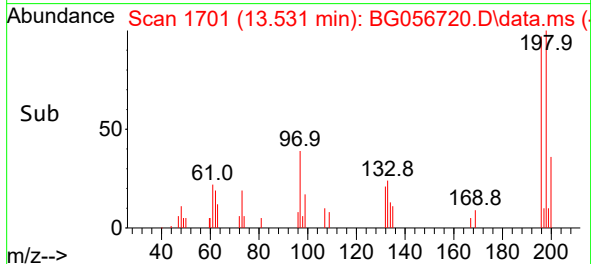
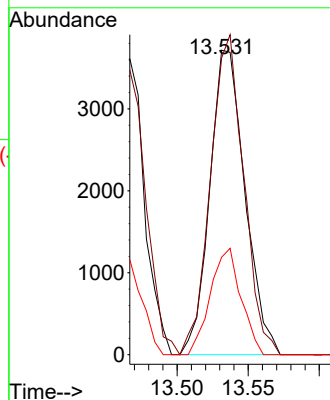
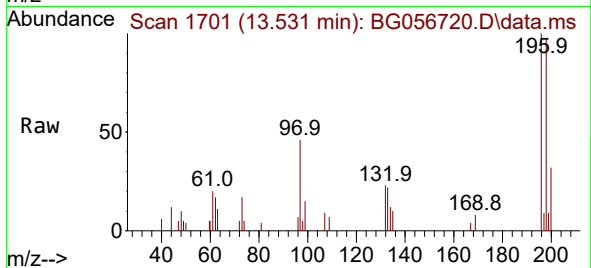
Tgt Ion:	196	Resp:	640
Ion Ratio	Lower	Upper	
196	100		
198	97.5	80.1	120.1
200	32.0	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#43

1,1'-Biphenyl

Concen: 4.384 ng/ul

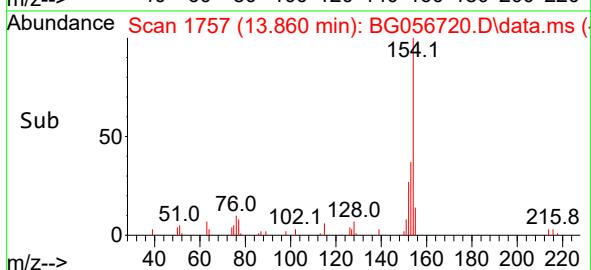
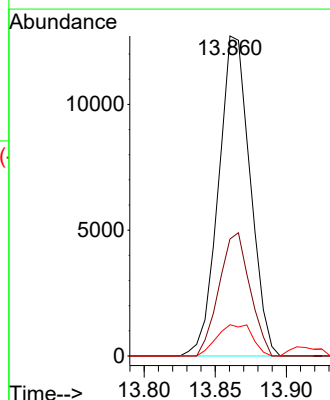
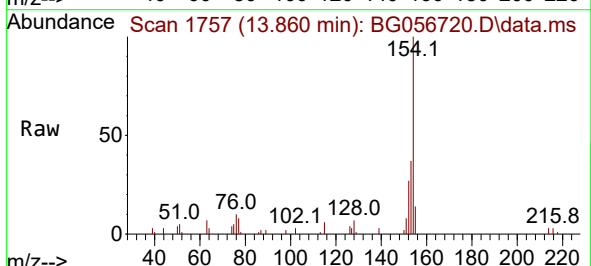
RT: 13.860 min Scan# 1757

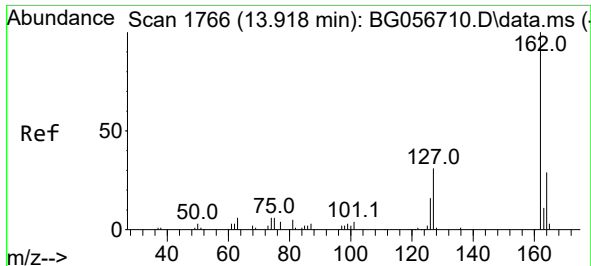
Delta R.T. -0.010 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Tgt Ion:	154	Resp:	19679
Ion Ratio	Lower	Upper	
154	100		
153	36.6	32.0	48.0
76	9.7	9.0	13.4





#44

2-Chloronaphthalene

Concen: 4.261 ng/ul

RT: 13.913 min Scan# 1766

Delta R.T. -0.005 min

Lab File: BG056720.D

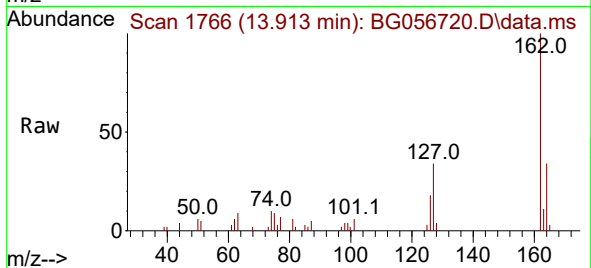
Acq: 24 Feb 2023 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01



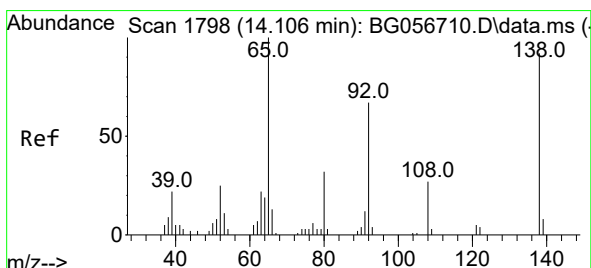
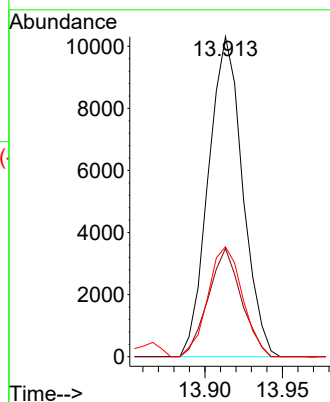
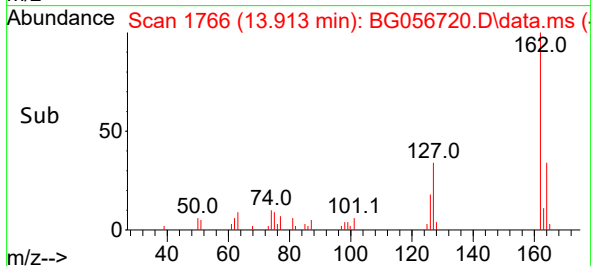
Tgt Ion:	162	Resp:	1582
Ion Ratio	Lower	Upper	
162	100		
164	33.8	23.3	34.9
127	34.4	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#45

2-Nitroaniline

Concen: 4.101 ng/ul

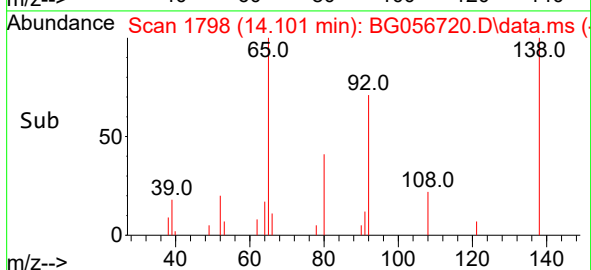
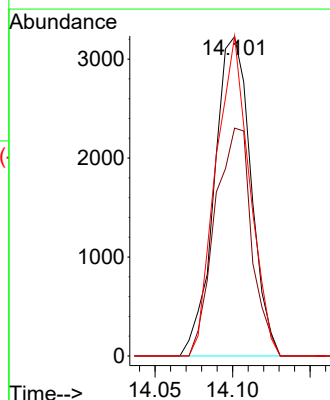
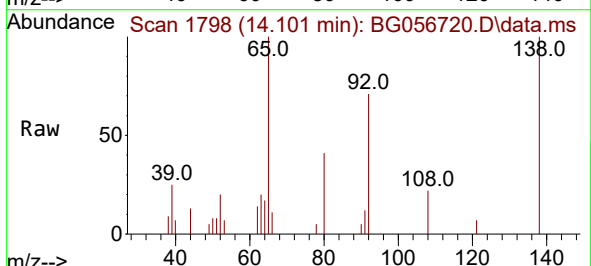
RT: 14.101 min Scan# 1798

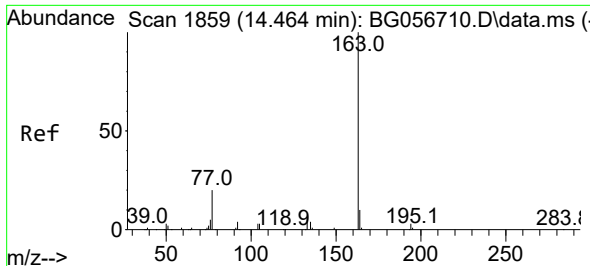
Delta R.T. -0.005 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

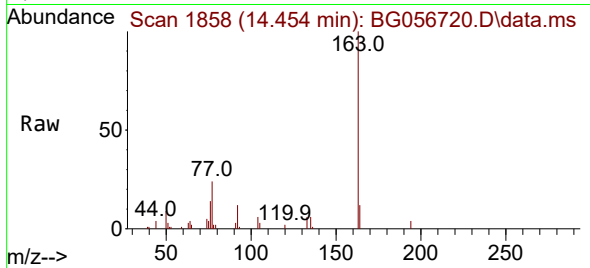
Tgt Ion:	65	Resp:	5286
Ion Ratio	Lower	Upper	
65	100		
92	71.4	53.9	80.9
138	100.2	73.8	110.6





#47
Dimethylphthalate
Concen: 4.175 ng/ul
RT: 14.454 min Scan# 1858
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

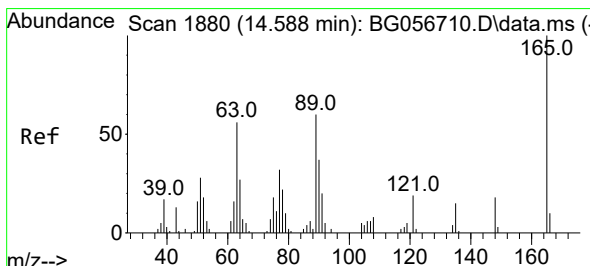
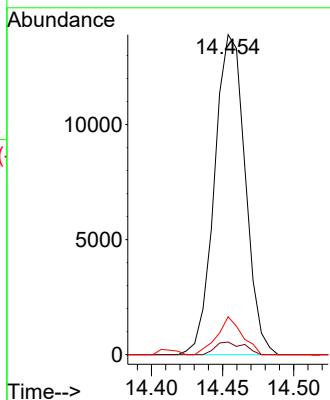
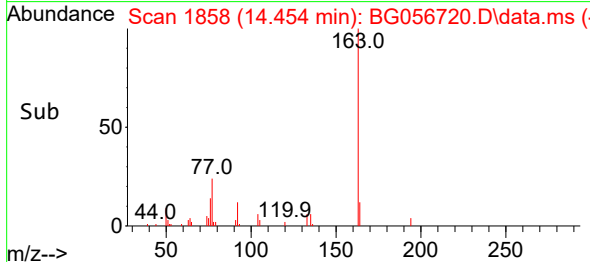
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



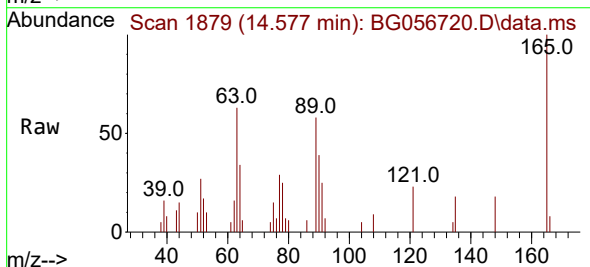
Tgt Ion:163 Resp: 20909
Ion Ratio Lower Upper
163 100
194 3.9 2.5 3.7
164 11.9 8.2 12.4

Manual Integrations
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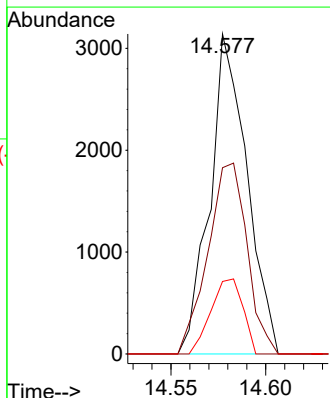
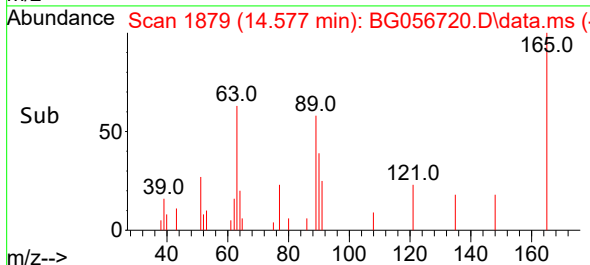
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

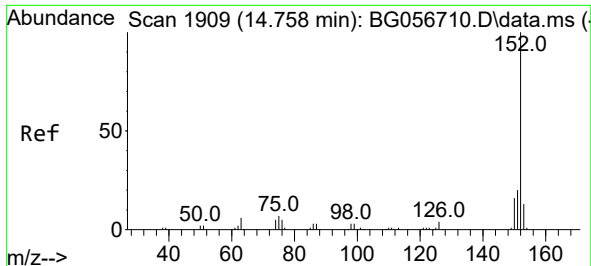


#48
2,6-Dinitrotoluene
Concen: 4.156 ng/ul
RT: 14.577 min Scan# 1879
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15



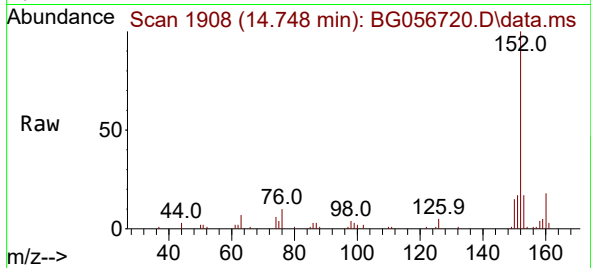
Tgt Ion:165 Resp: 4267
Ion Ratio Lower Upper
165 100
89 58.2 48.4 72.6
121 22.6 15.5 23.3





#50
Acenaphthylene
Concen: 4.296 ng/ul
RT: 14.748 min Scan# 1908
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

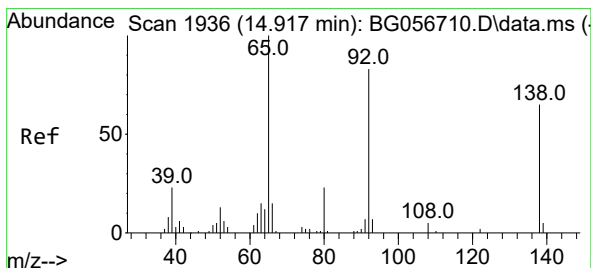
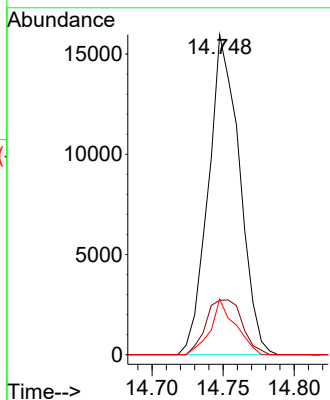
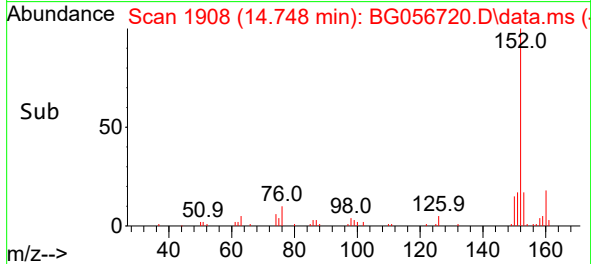
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:152 Resp: 2429
Ion Ratio Lower Upper
152 100
151 17.0 15.8 23.6
153 17.4 10.6 16.0

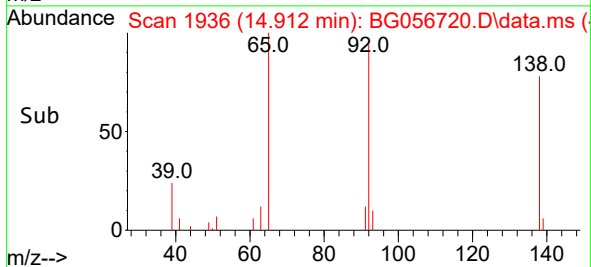
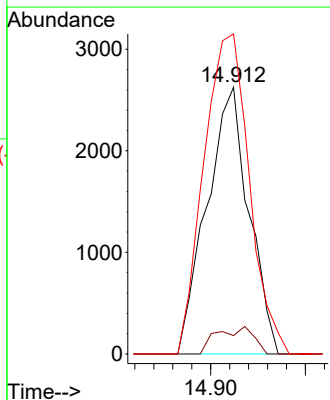
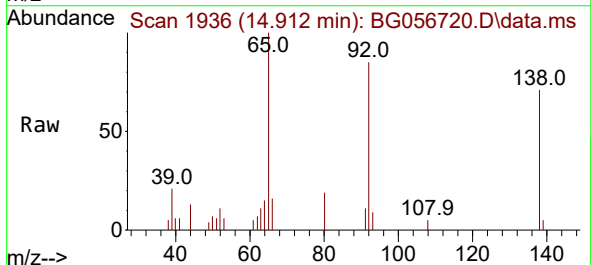
Manual Integrations
APPROVED

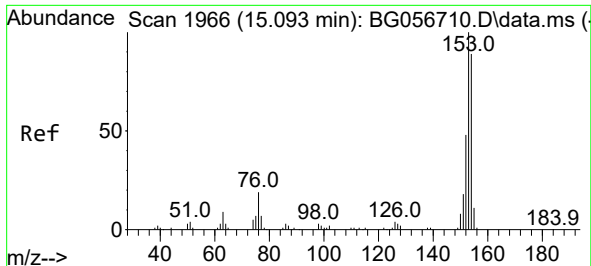
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#51
3-Nitroaniline
Concen: 4.404 ng/ul
RT: 14.912 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

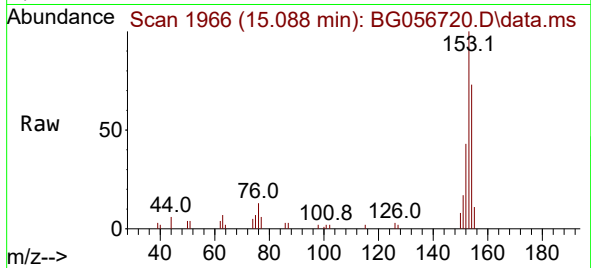
Tgt Ion:138 Resp: 4047
Ion Ratio Lower Upper
138 100
108 6.9 6.5 9.7
92 120.0 102.2 153.2





#52
Acenaphthene
Concen: 4.231 ng/ul
RT: 15.088 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

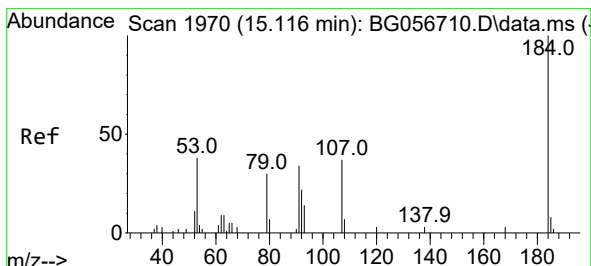
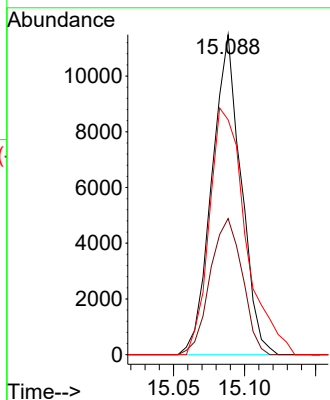
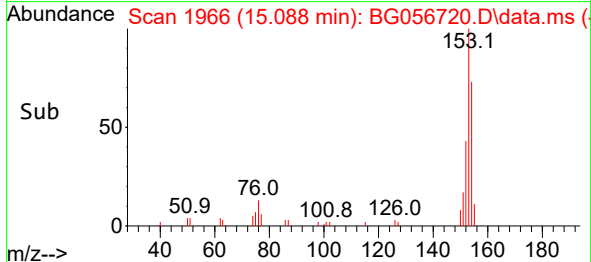
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:153 Resp: 16434
Ion Ratio Lower Upper
153 100
152 42.6 38.6 58.0
154 73.4 70.9 106.3

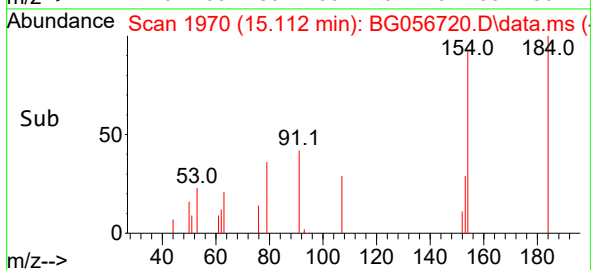
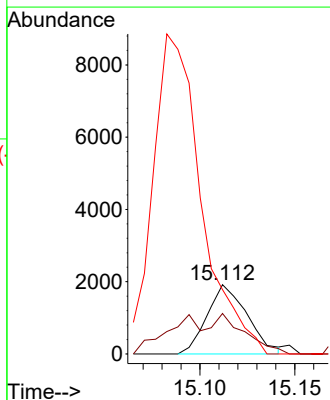
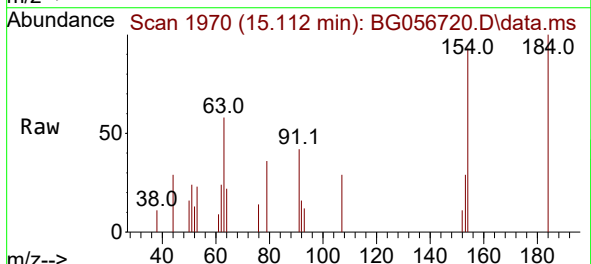
Manual Integrations
APPROVED

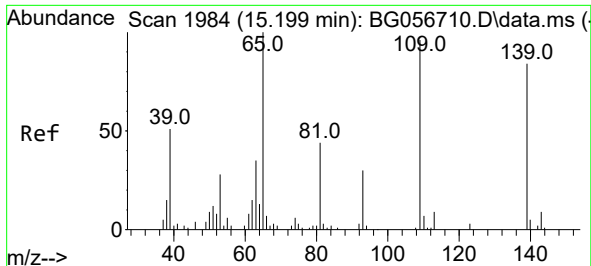
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#53
2,4-Dinitrophenol
Concen: 4.284 ng/ul
RT: 15.112 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

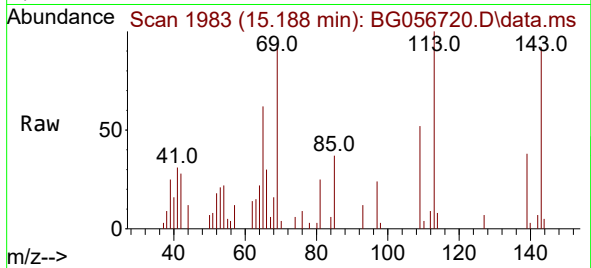
Tgt Ion:184 Resp: 2818
Ion Ratio Lower Upper
184 100
63 58.4 43.8 65.6
154 92.8 66.8 100.2





#55
4-Nitrophenol
Concen: 3.889 ng/ul
RT: 15.188 min Scan# 1984
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

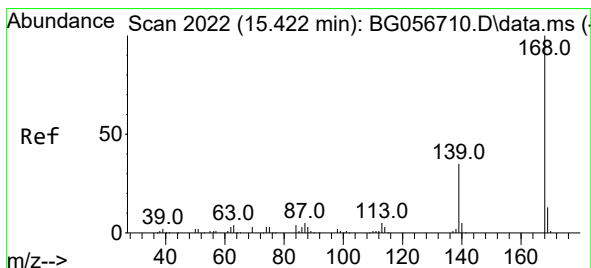
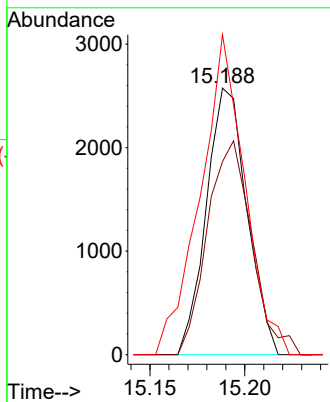
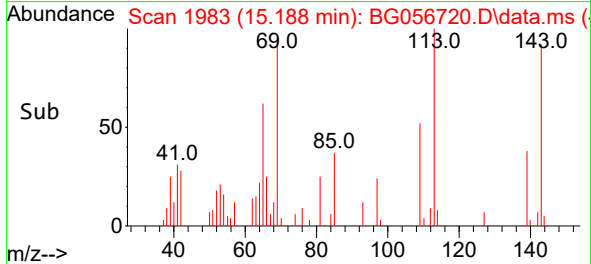
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:109 Resp: 382
Ion Ratio Lower Upper
109 100
139 72.4 71.2 106.8
65 120.0 85.1 127.7

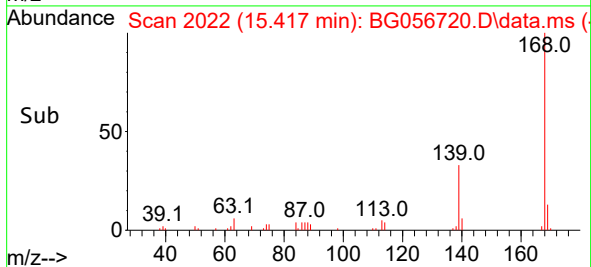
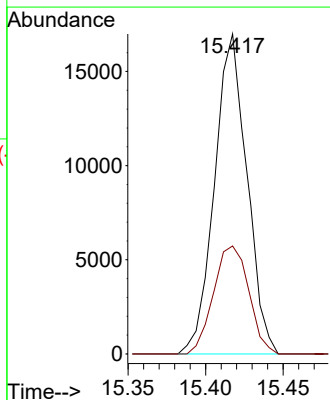
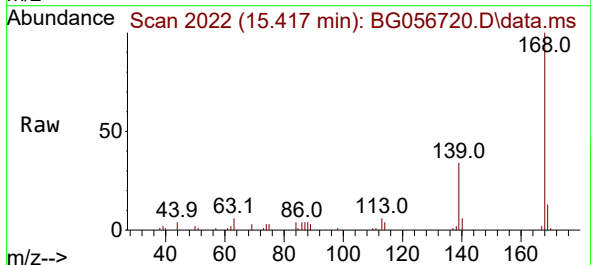
Manual Integrations
APPROVED

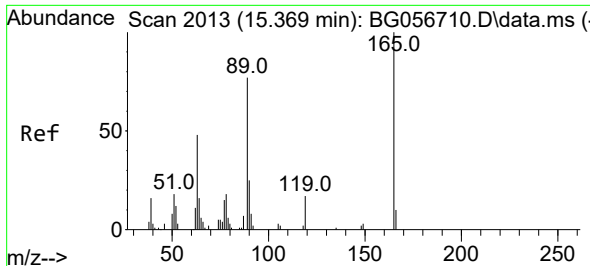
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#56
Dibenzofuran
Concen: 4.184 ng/ul
RT: 15.417 min Scan# 2022
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

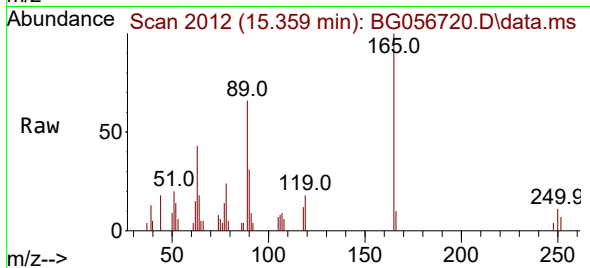
Tgt Ion:168 Resp: 24672
Ion Ratio Lower Upper
168 100
139 33.7 28.2 42.2





#57
2,4-Dinitrotoluene
Concen: 4.078 ng/ul
RT: 15.359 min Scan# 2013
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

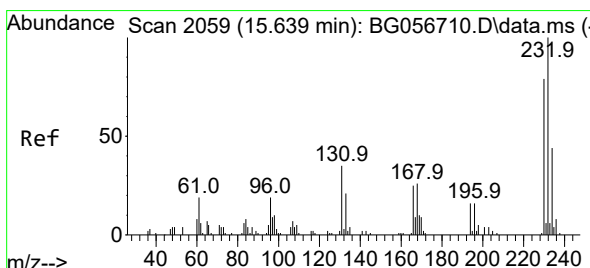
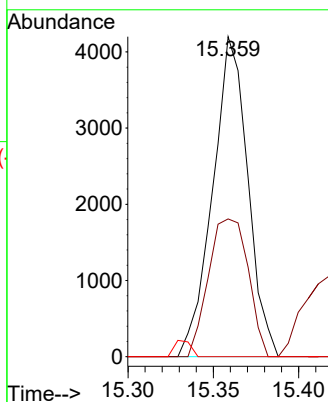
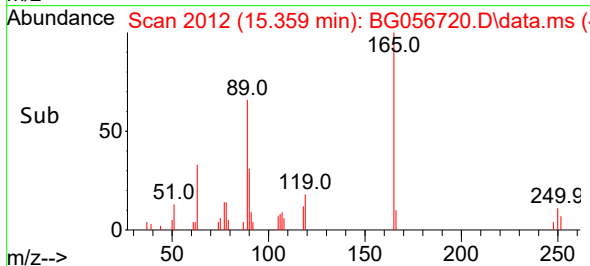
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:165 Resp: 600
Ion Ratio Lower Upper
165 100
63 43.1 38.6 58.0
182 0.0 1.8 2.8

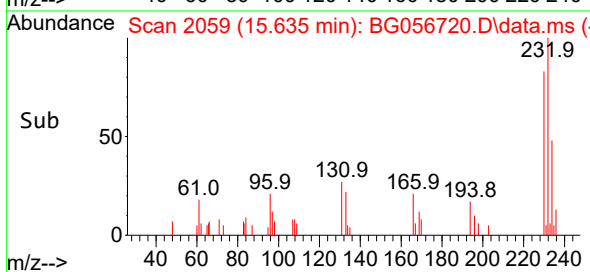
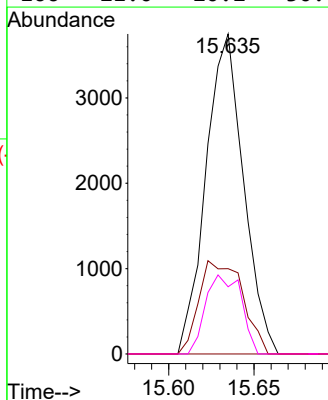
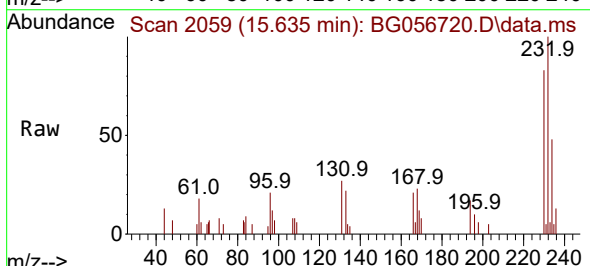
Manual Integrations
APPROVED

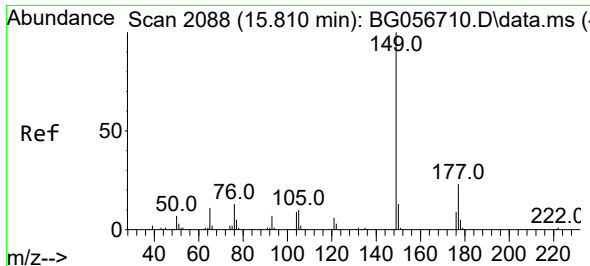
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.928 ng/ul
RT: 15.635 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

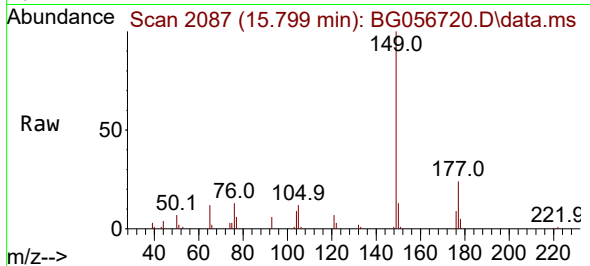
Tgt Ion:232 Resp: 5740
Ion Ratio Lower Upper
232 100
131 26.6 27.8 41.8#
130 0.0 1.8 2.6#
166 21.0 20.2 30.4





#59
Diethylphthalate
Concen: 4.237 ng/ul
RT: 15.799 min Scan# 2087
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

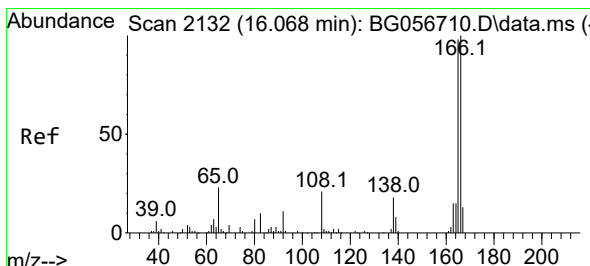
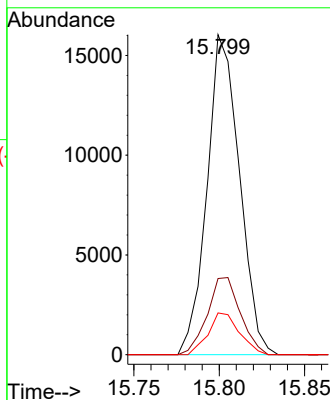
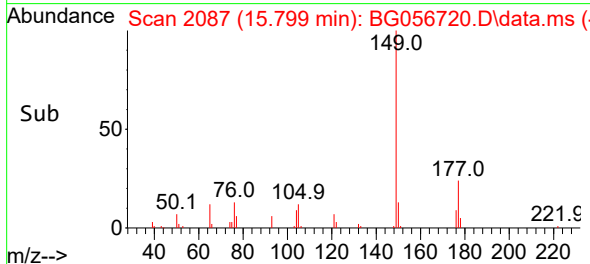
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:149 Resp: 2124
Ion Ratio Lower Upper
149 100
177 23.8 18.6 28.0
150 13.0 10.7 16.1

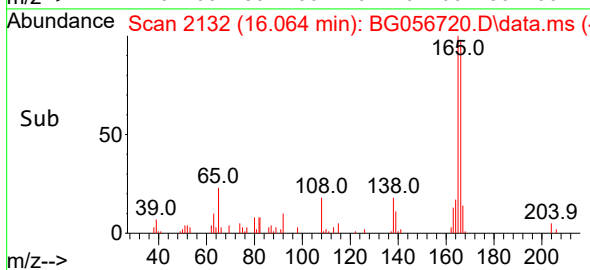
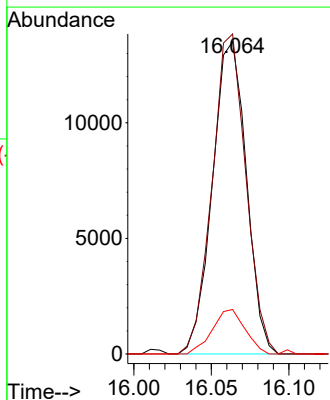
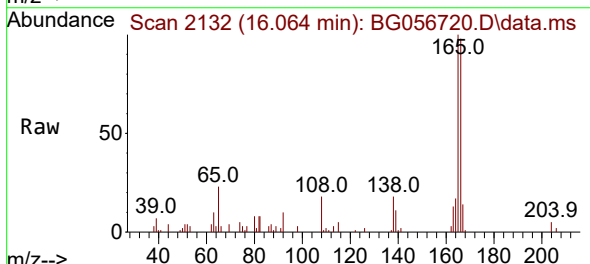
Manual Integrations
APPROVED

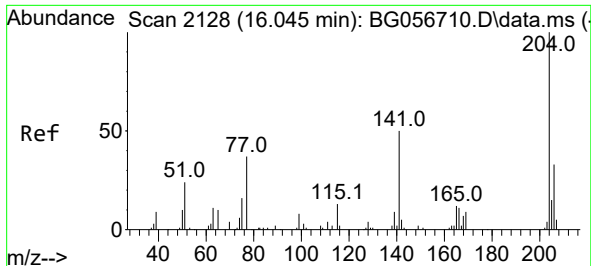
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#61
Fluorene
Concen: 4.352 ng/ul
RT: 16.064 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

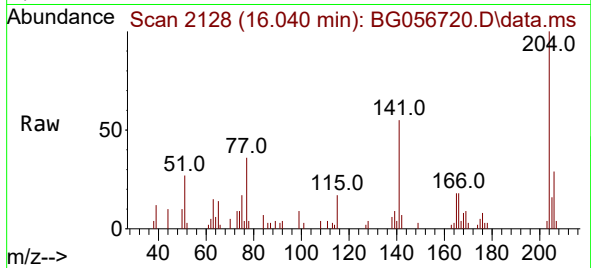
Tgt Ion:166 Resp: 20548
Ion Ratio Lower Upper
166 100
165 102.5 78.4 117.6
167 14.2 10.5 15.7





#62
4-Chlorophenyl-phenylether
Concen: 4.058 ng/ul
RT: 16.040 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

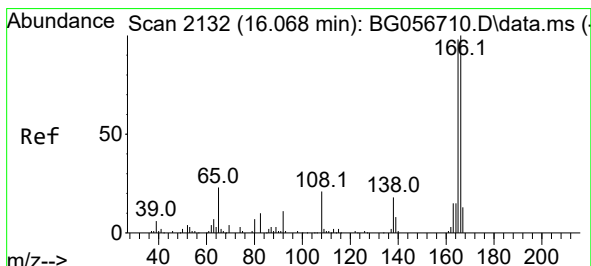
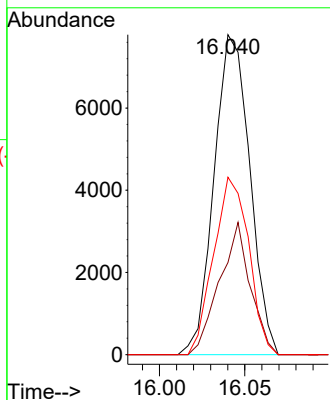
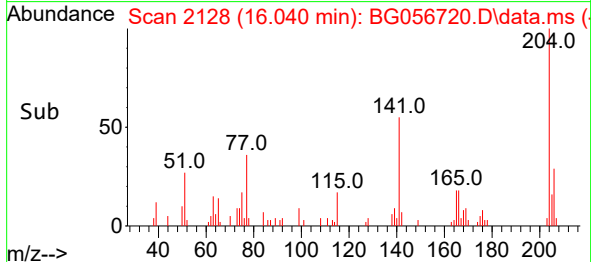
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:204 Resp: 11350
Ion Ratio Lower Upper
204 100
206 28.8 26.1 39.1
141 55.4 39.7 59.5

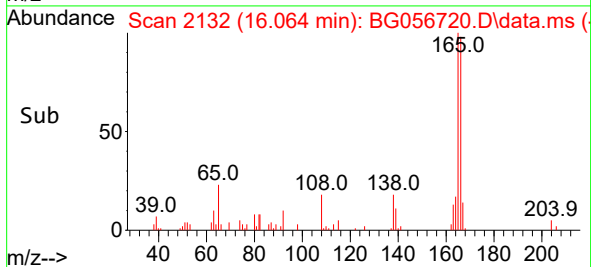
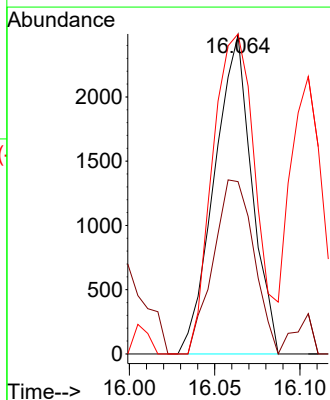
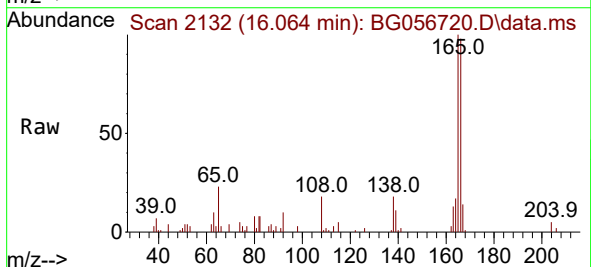
Manual Integrations
APPROVED

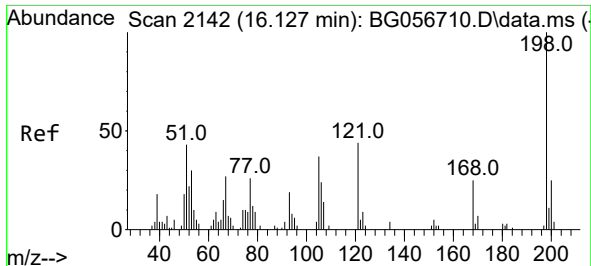
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#63
4-Nitroaniline
Concen: 4.238 ng/ul
RT: 16.064 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

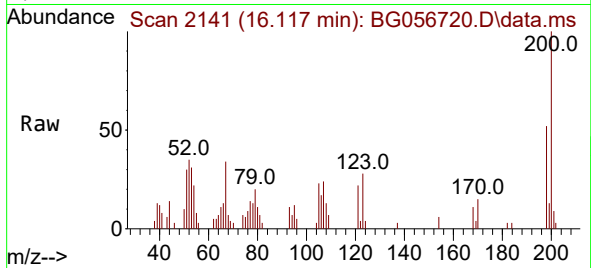
Tgt Ion:138 Resp: 3805
Ion Ratio Lower Upper
138 100
92 54.0 48.6 73.0
108 100.3 93.0 139.6





#66
4,6-Dinitro-2-methylphenol
Concen: 4.790 ng/ul
RT: 16.117 min Scan# 2142
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

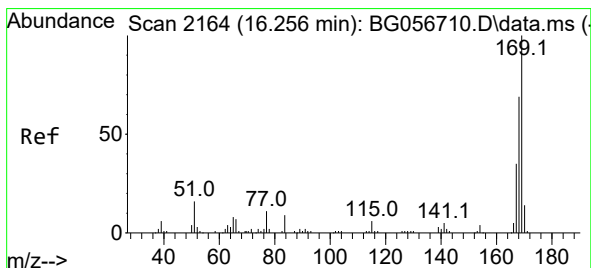
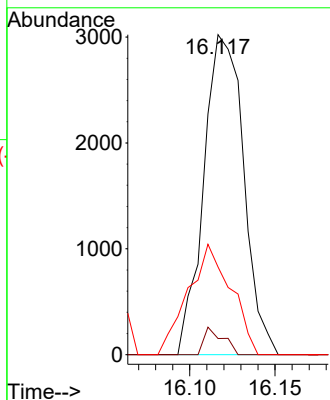
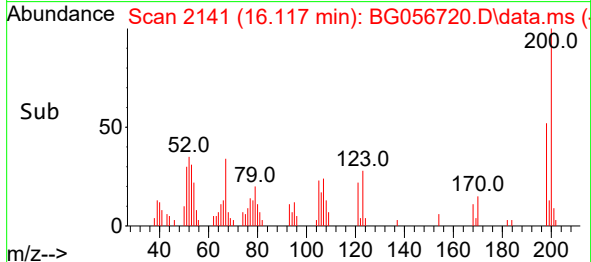
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:198 Resp: 4918
Ion Ratio Lower Upper
198 100
182 5.0 2.4 3.6
77 27.4 21.0 31.6

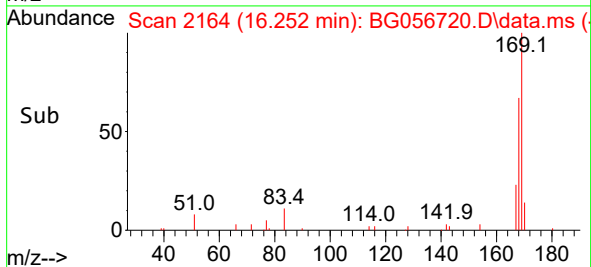
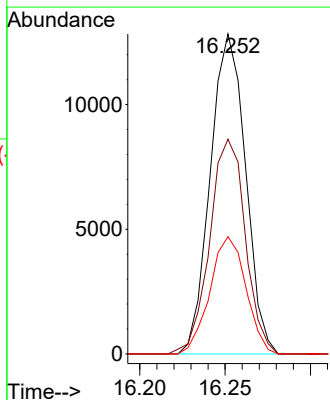
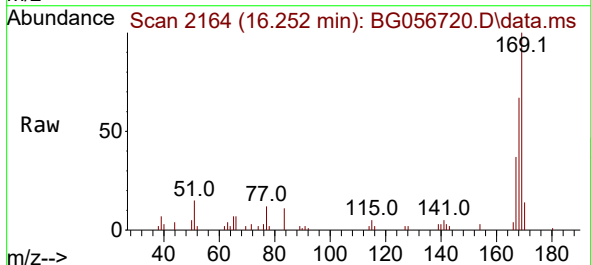
Manual Integrations
APPROVED

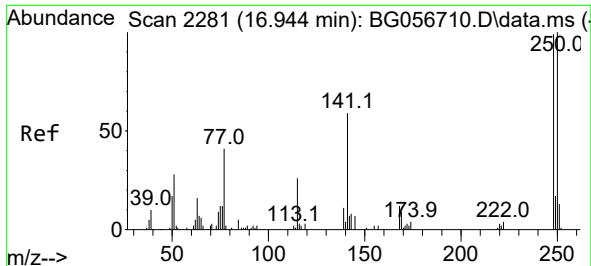
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#67
N-Nitrosodiphenylamine
Concen: 4.161 ng/ul
RT: 16.252 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

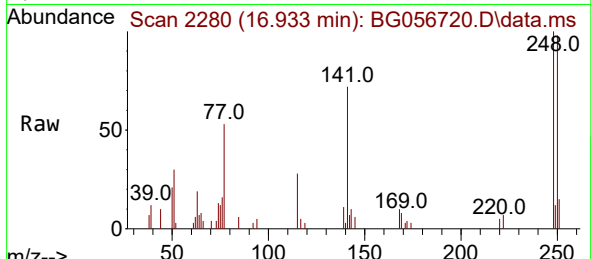
Tgt Ion:169 Resp: 18444
Ion Ratio Lower Upper
169 100
168 67.1 55.1 82.7
167 36.7 28.3 42.5





#68
4-Bromophenyl-phenylether
Concen: 4.109 ng/ul
RT: 16.933 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

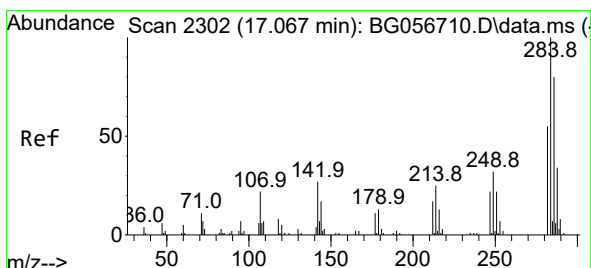
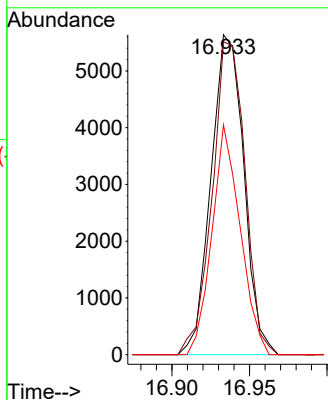
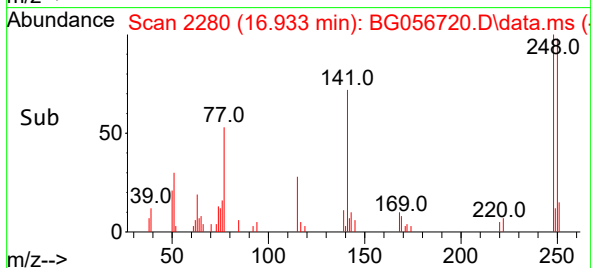
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



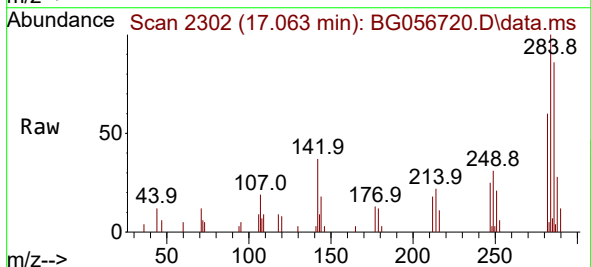
Tgt Ion:248 Resp: 8300
Ion Ratio Lower Upper
248 100
250 97.7 80.4 120.6
141 71.8 47.6 71.4

Manual Integrations
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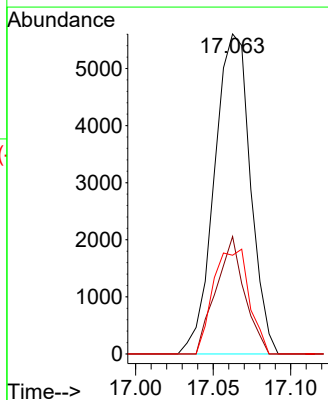
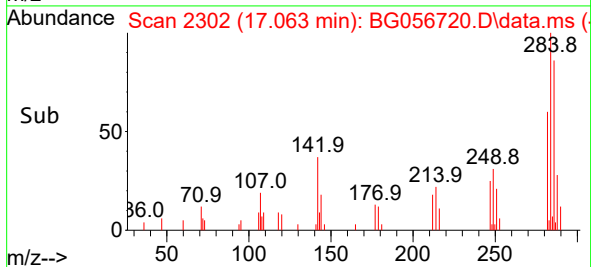
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

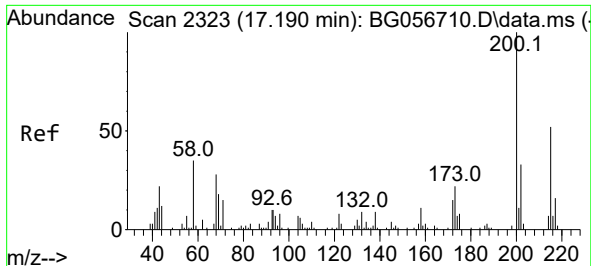


#69
Hexachlorobenzene
Concen: 4.164 ng/ul
RT: 17.063 min Scan# 2302
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15



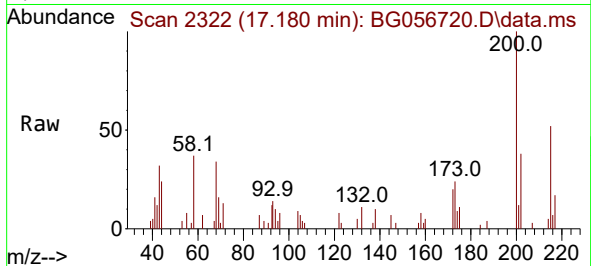
Tgt Ion:284 Resp: 9036
Ion Ratio Lower Upper
284 100
142 36.7 21.8 32.6#
249 30.8 25.9 38.9





#70
 Atrazine
 Concen: 4.469 ng/ul
 RT: 17.180 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG056720.D
 Acq: 24 Feb 2023 13:15

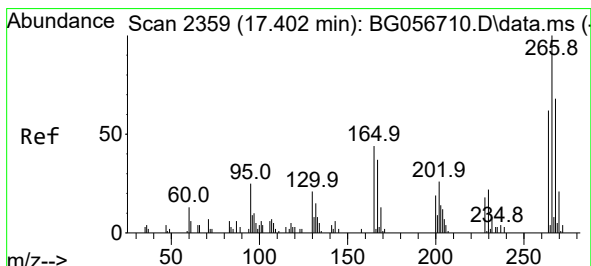
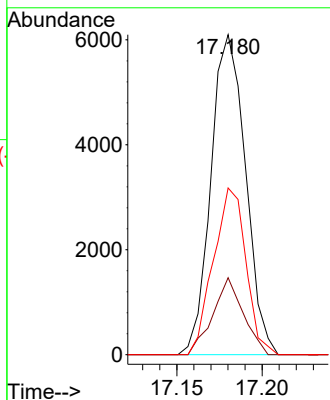
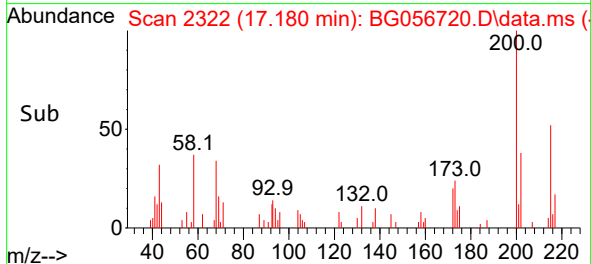
Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01



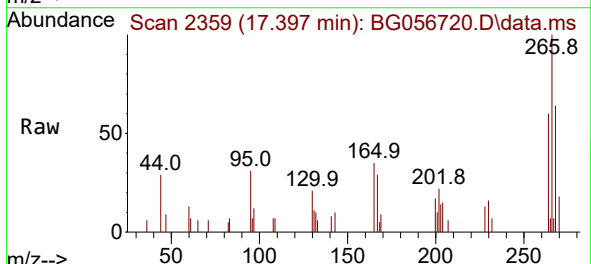
Tgt Ion:200 Resp: 8604
 Ion Ratio Lower Upper
 200 100
 173 24.1 17.4 26.0
 215 52.1 41.7 62.5

Manual Integrations
 APPROVED

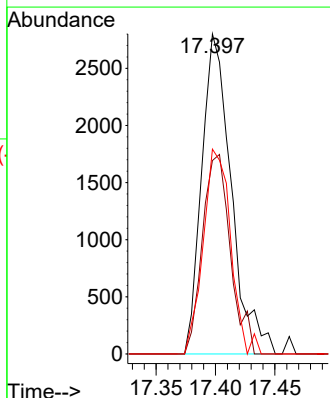
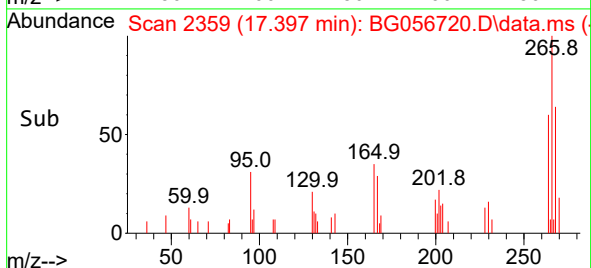
Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

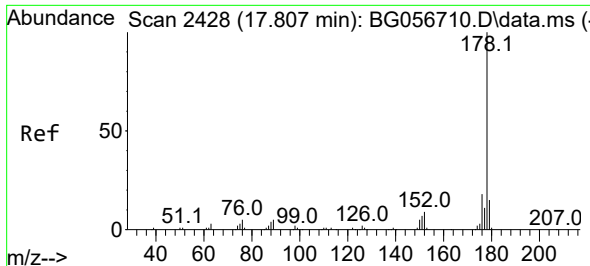


#71
 Pentachlorophenol
 Concen: 3.936 ng/ul m
 RT: 17.397 min Scan# 2359
 Delta R.T. -0.005 min
 Lab File: BG056720.D
 Acq: 24 Feb 2023 13:15



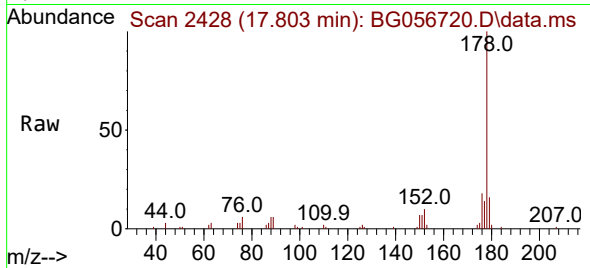
Tgt Ion:266 Resp: 4850
 Ion Ratio Lower Upper
 266 100
 264 60.4 49.9 74.9
 268 64.0 54.5 81.7





#72
Phenanthrene
Concen: 4.045 ng/ul
RT: 17.803 min Scan# 2428
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

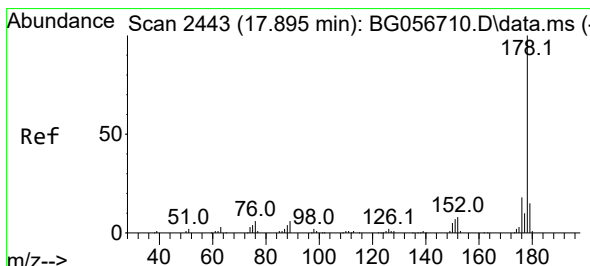
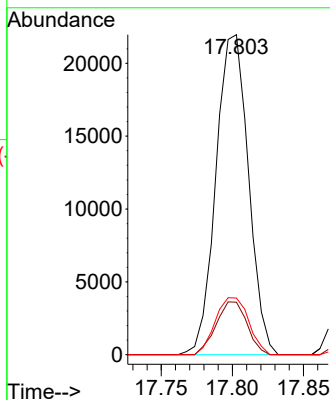
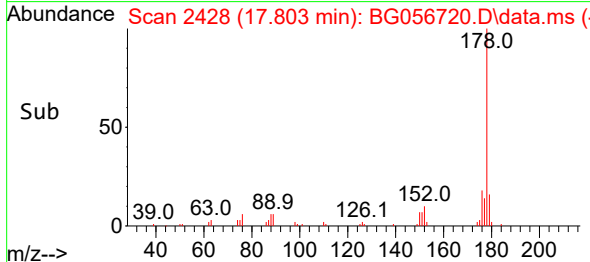
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:178 Resp: 34924
Ion Ratio Lower Upper
178 100
179 16.4 12.1 18.1
176 17.7 14.4 21.6

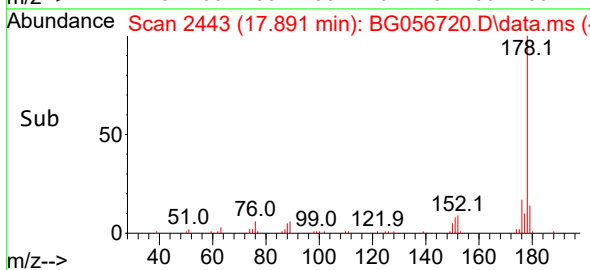
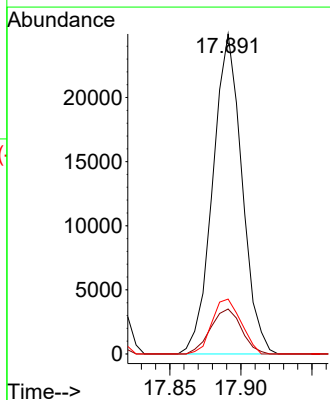
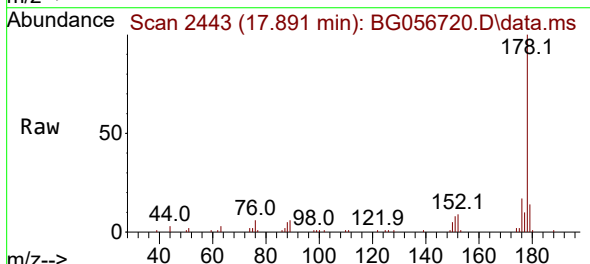
Manual Integrations
APPROVED

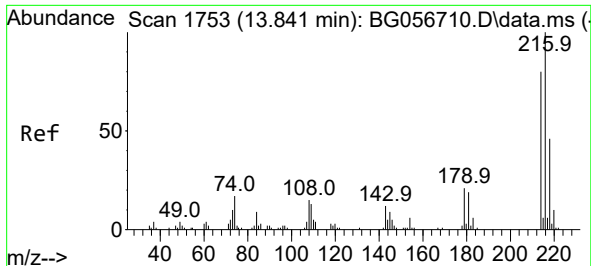
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#74
Anthracene
Concen: 4.088 ng/ul
RT: 17.891 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

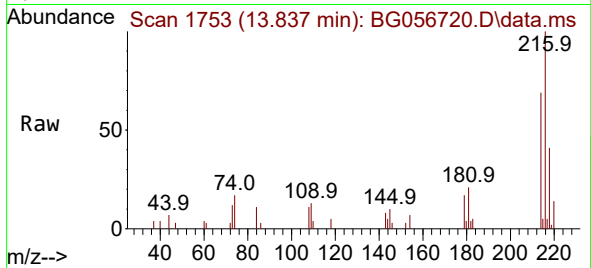
Tgt Ion:178 Resp: 35667
Ion Ratio Lower Upper
178 100
179 14.1 12.1 18.1
176 17.2 14.1 21.1





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.493 ng/uL
RT: 13.837 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

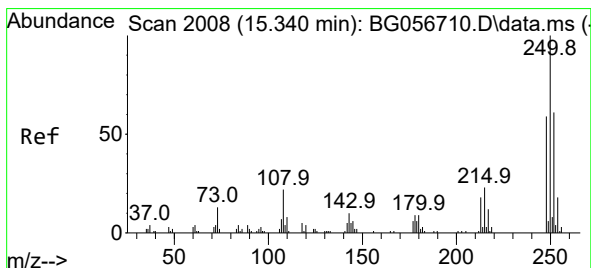
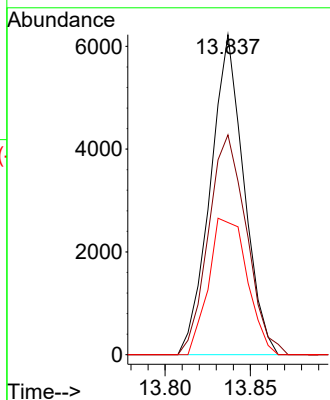
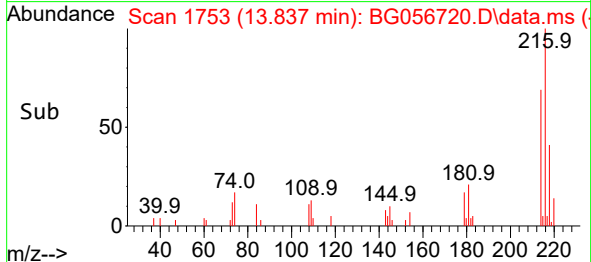
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



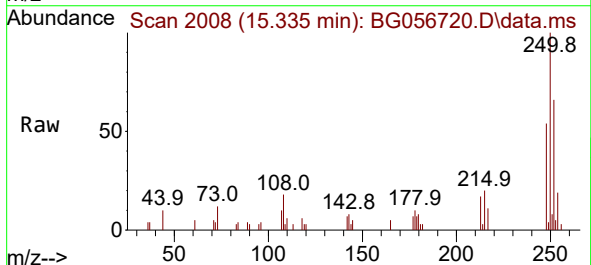
Tgt Ion:216 Resp: 851
Ion Ratio Lower Upper
216 100
214 68.7 64.2 96.2
218 43.8 36.6 54.8

Manual Integrations
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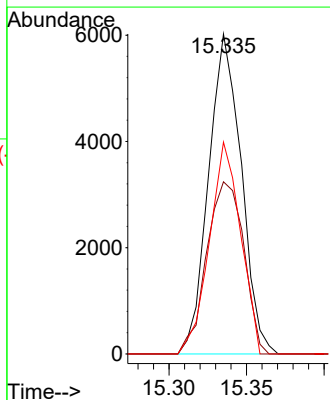
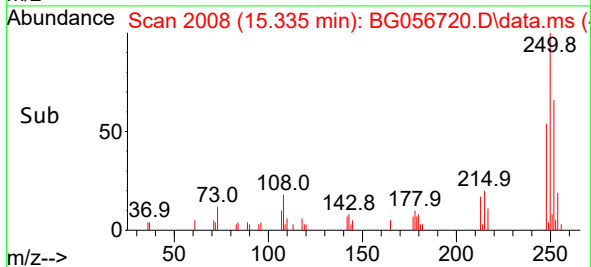
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

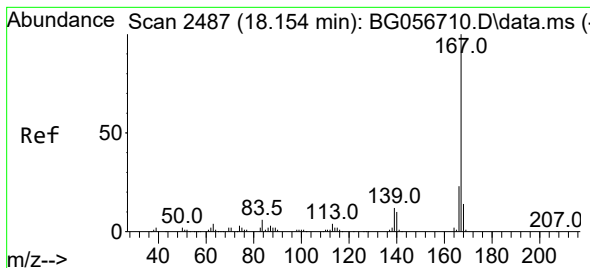


#76
Pentachlorobenzene
Concen: 3.565 ng/uL
RT: 15.335 min Scan# 2008
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15



Tgt Ion:250 Resp: 8816
Ion Ratio Lower Upper
250 100
248 53.8 47.1 70.7
252 71.6 52.4 78.6





#77

Carbazole

Concen: 4.302 ng/ul

RT: 18.149 min Scan# 2487

Delta R.T. -0.005 min

Lab File: BG056720.D

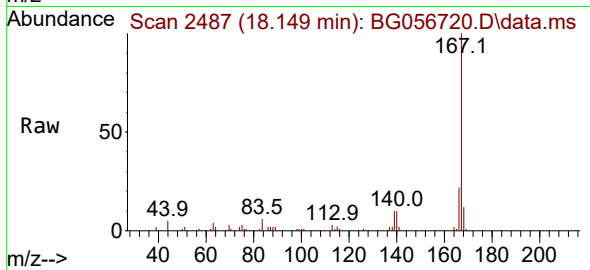
Acq: 24 Feb 2023 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01



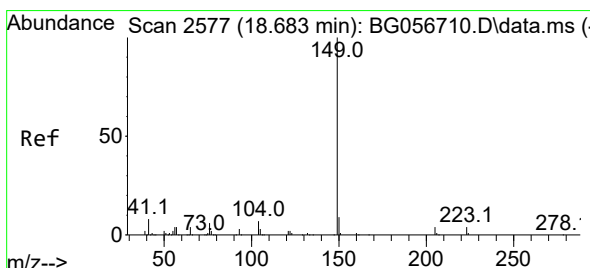
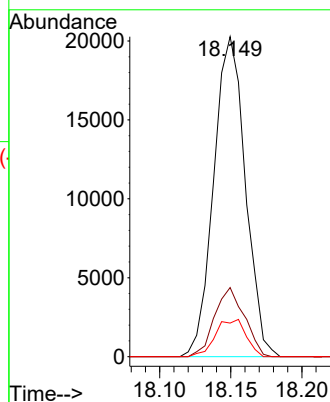
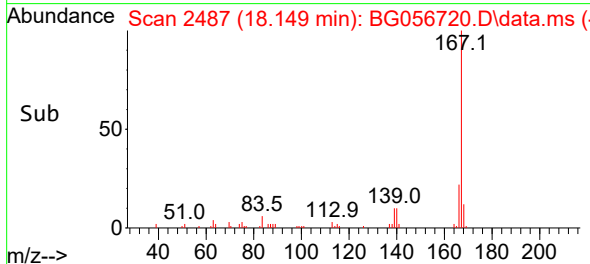
Tgt Ion:167	Resp:	3141
Ion Ratio	Lower	Upper
167	100	
166	21.6	18.2 27.2
139	10.5	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#78

Di-n-butylphthalate

Concen: 4.136 ng/ul

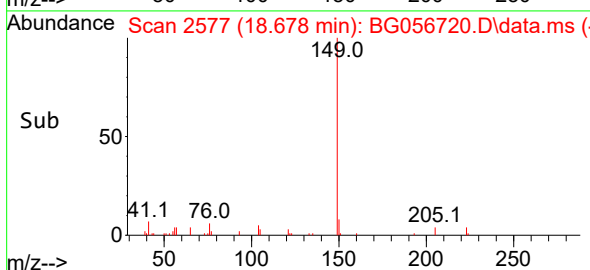
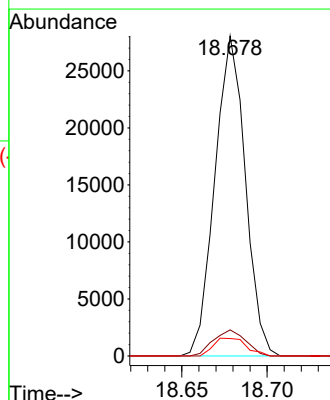
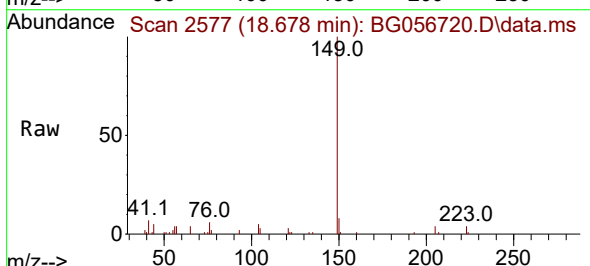
RT: 18.678 min Scan# 2577

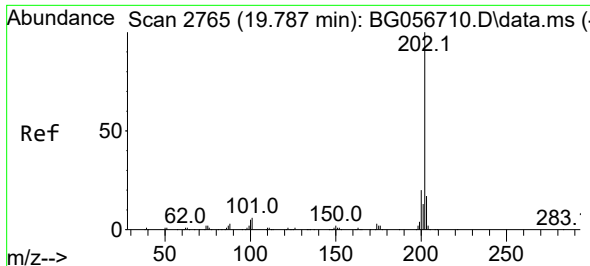
Delta R.T. -0.005 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

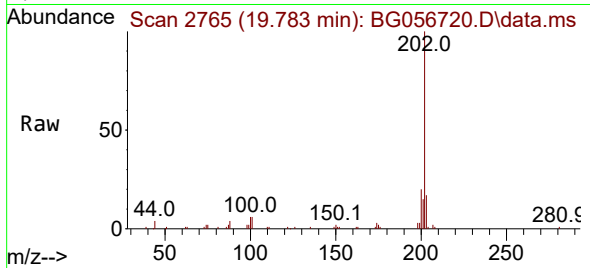
Tgt Ion:149	Resp:	34802
Ion Ratio	Lower	Upper
149	100	
150	8.1	7.4 11.0
104	5.5	5.4 8.2





#80
Fluoranthene
Concen: 3.852 ng/ul
RT: 19.783 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

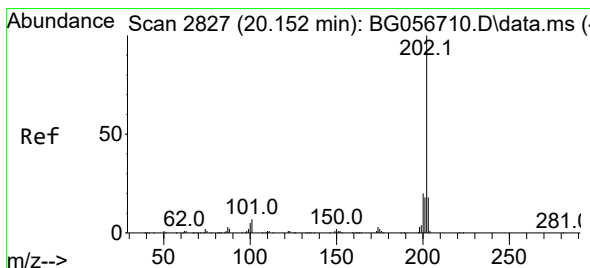
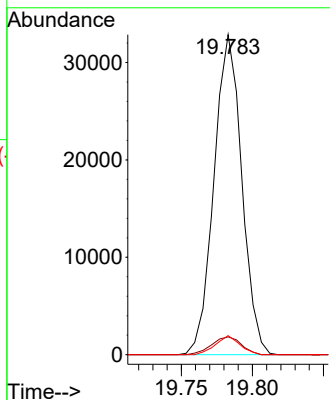
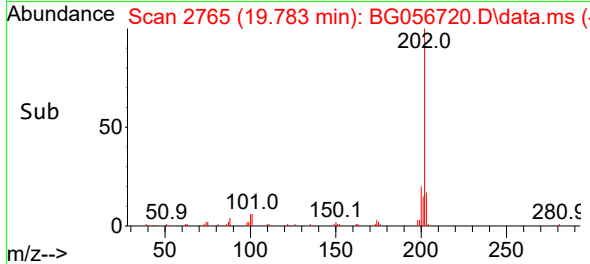
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



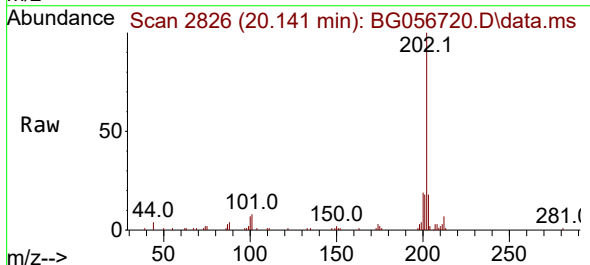
Tgt Ion:202 Resp: 44684
Ion Ratio Lower Upper
202 100
101 5.6 4.7 7.1
100 5.9 4.4 6.6

Manual Integrations
APPROVED

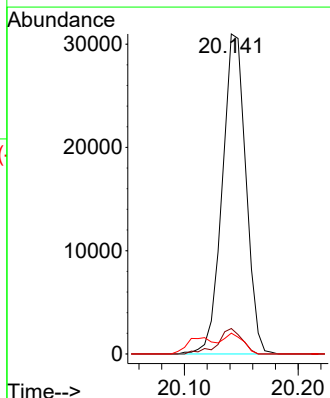
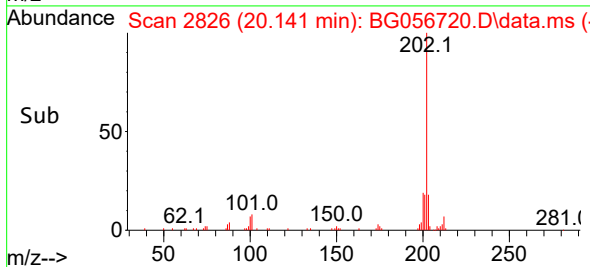
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

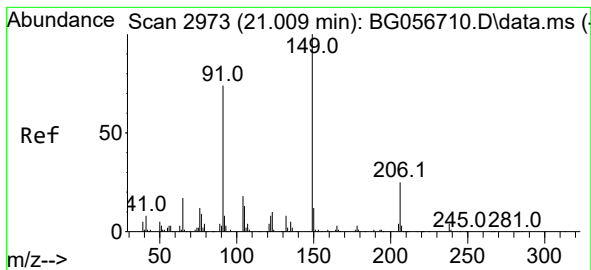


#82
Pyrene
Concen: 3.912 ng/ul
RT: 20.141 min Scan# 2826
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15



Tgt Ion:202 Resp: 44707
Ion Ratio Lower Upper
202 100
101 7.9 5.3 7.9#
100 6.5 4.6 7.0





#83

Butylbenzylphthalate

Concen: 4.060 ng/ul

RT: 21.005 min Scan# 2973

Delta R.T. -0.005 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

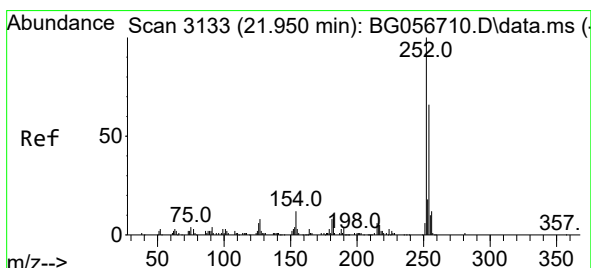
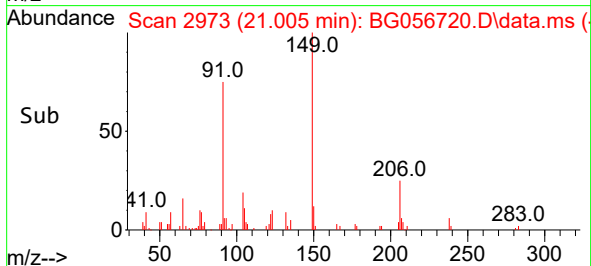
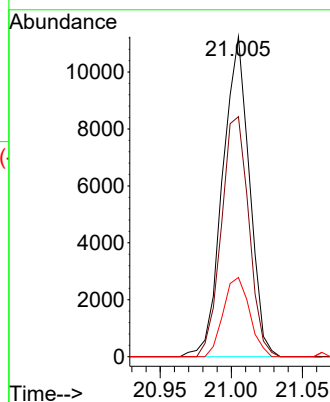
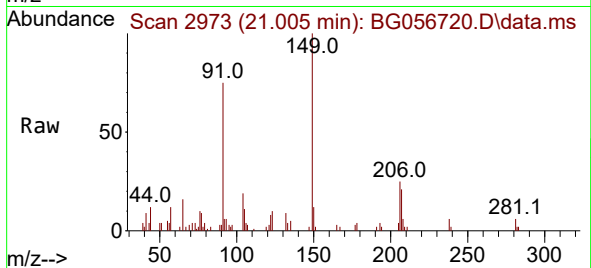
Tgt Ion:	149	Resp:	1472
Ion Ratio	Lower	Upper	
149	100		
91	75.0	59.3	88.9
206	24.7	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.506 ng/ul

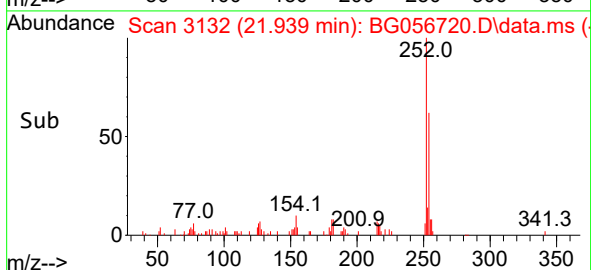
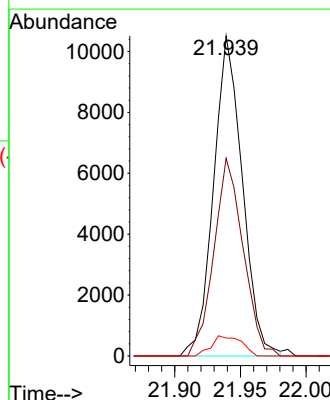
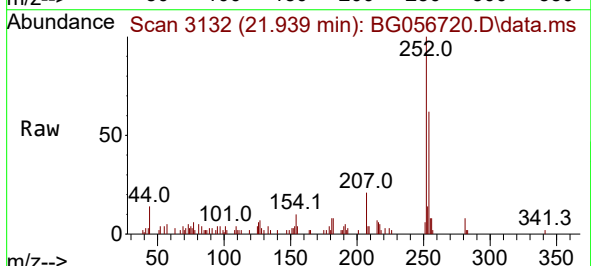
RT: 21.939 min Scan# 3132

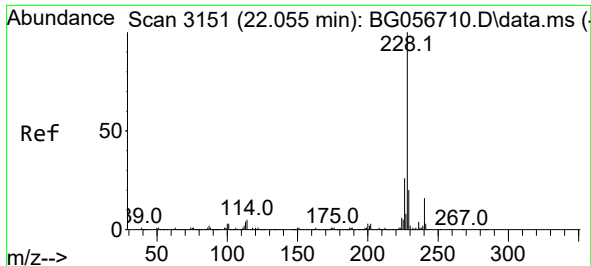
Delta R.T. -0.010 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

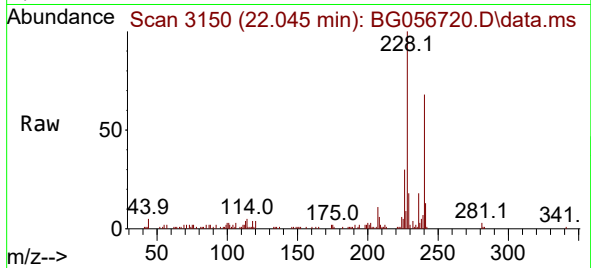
Tgt Ion:	252	Resp:	16018
Ion Ratio	Lower	Upper	
252	100		
254	61.8	52.6	78.8
126	5.6	5.0	7.6





#85
Benzo(a)anthracene
Concen: 4.141 ng/ul
RT: 22.045 min Scan# 3150
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

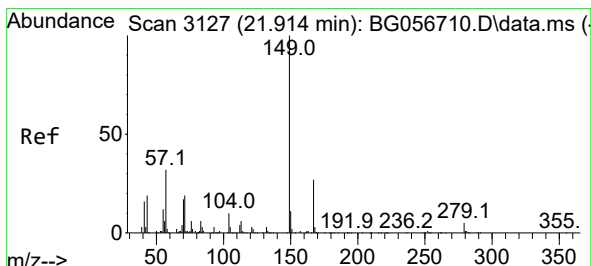
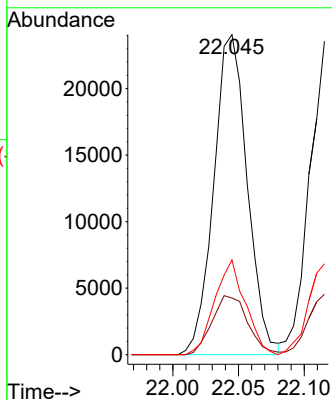
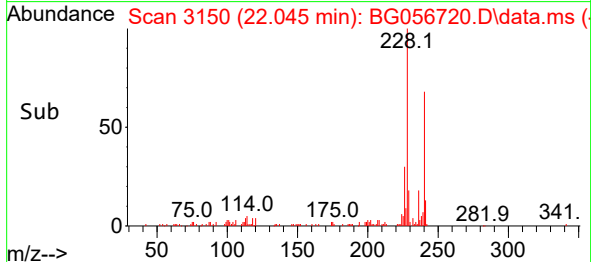
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:228 Resp: 42735
Ion Ratio Lower Upper
228 100
229 17.7 16.2 24.4
226 29.6 20.6 31.0

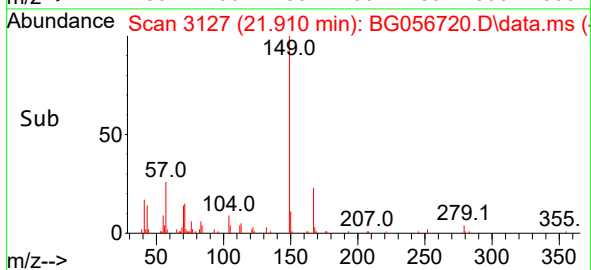
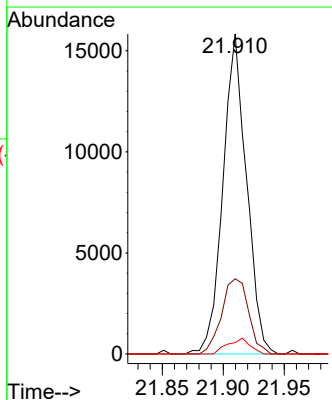
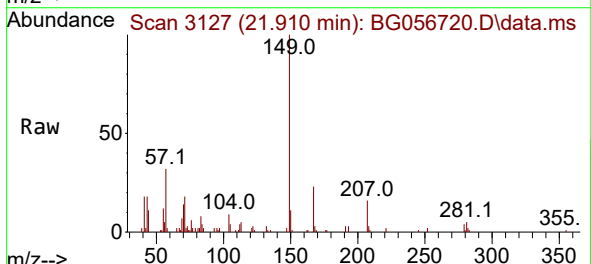
Manual Integrations
APPROVED

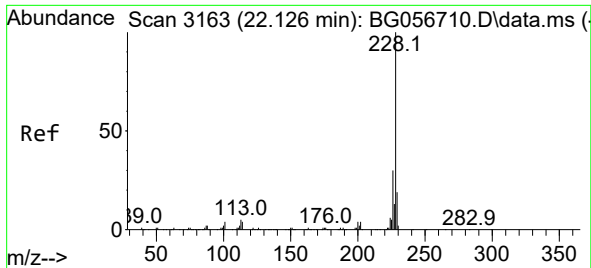
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.177 ng/ul
RT: 21.910 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

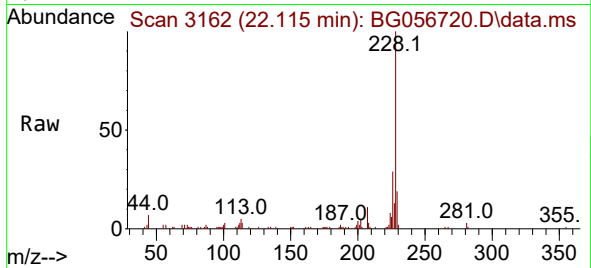
Tgt Ion:149 Resp: 21274
Ion Ratio Lower Upper
149 100
167 23.5 21.8 32.8
279 3.5 4.2 6.2#





#87
Chrysene
Concen: 4.064 ng/ul
RT: 22.115 min Scan# 3162
Delta R.T. -0.010 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

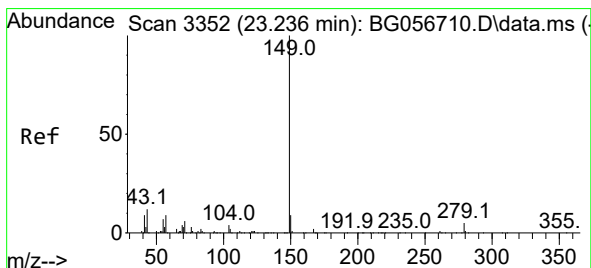
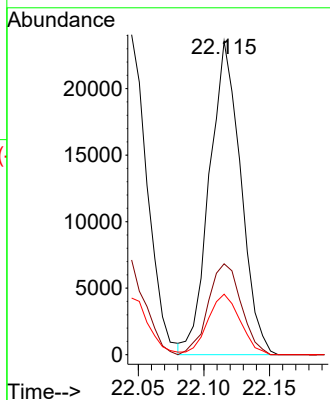
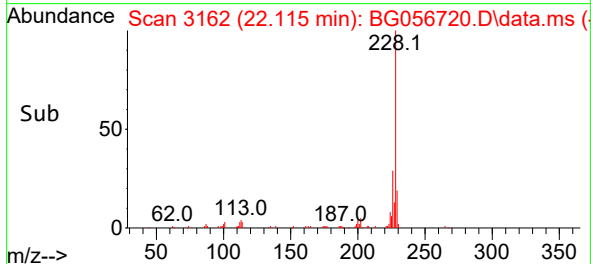
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:228 Resp: 39058
Ion Ratio Lower Upper
228 100
226 29.0 23.6 35.4
229 19.3 15.4 23.0

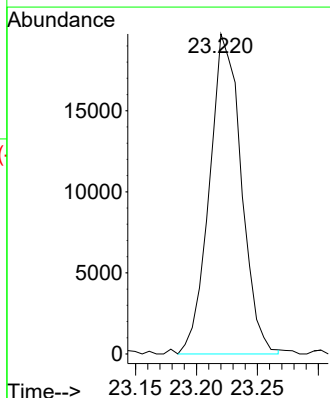
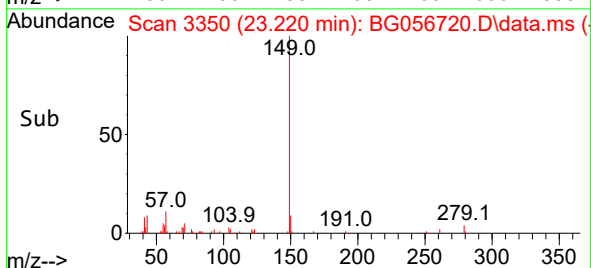
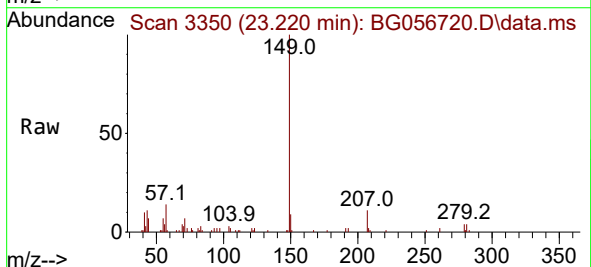
Manual Integrations
APPROVED

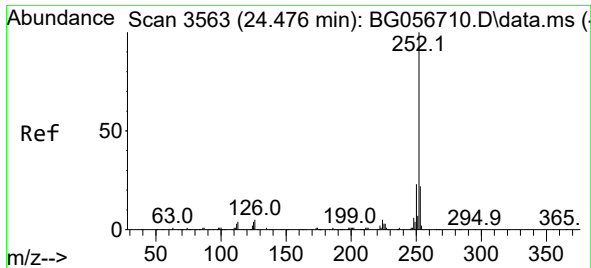
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#89
Di-n-octyl phthalate
Concen: 4.531 ng/ul
RT: 23.220 min Scan# 3350
Delta R.T. -0.016 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Tgt Ion:149 Resp: 35923





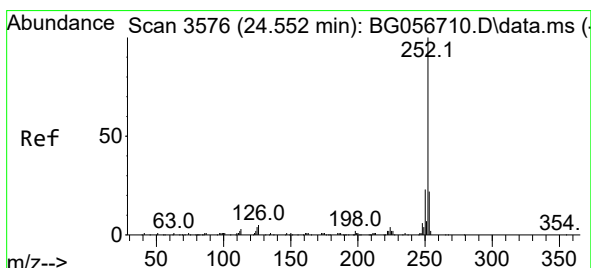
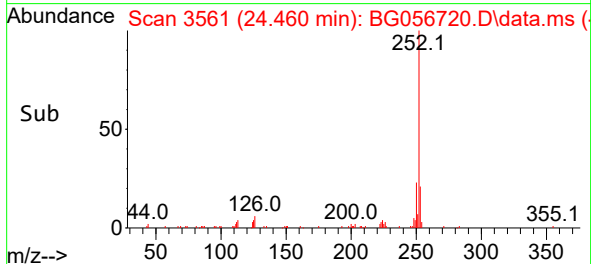
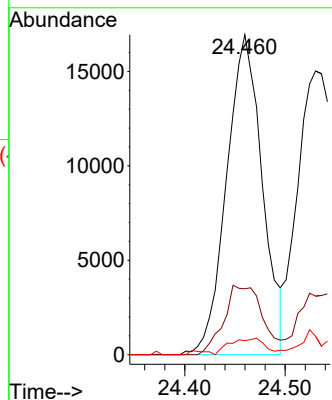
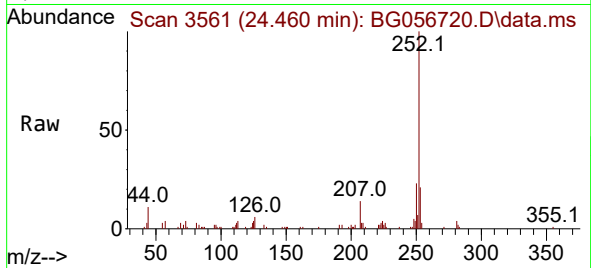
#90
Benzo(b)fluoranthene
Concen: 4.294 ng/ul
RT: 24.460 min Scan# 3561
Delta R.T. -0.016 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:252 Resp: 4192
Ion Ratio Lower Upper
252 100
253 20.6 17.4 26.2
125 4.4 3.0 4.6

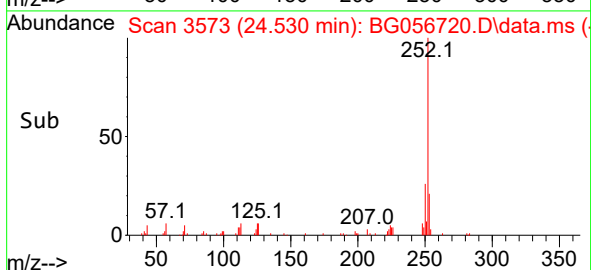
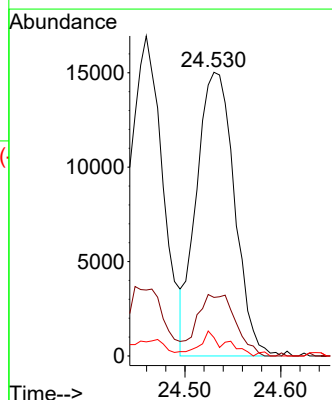
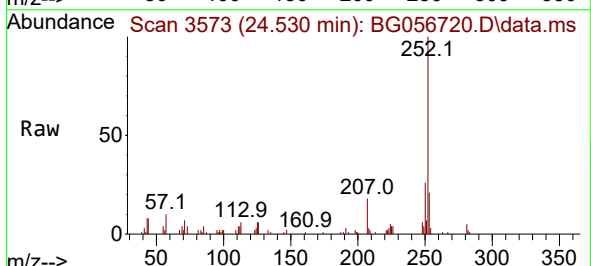
Manual Integrations
APPROVED

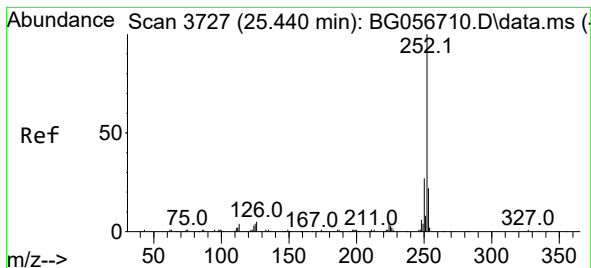
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#91
Benzo(k)fluoranthene
Concen: 4.344 ng/ul m
RT: 24.530 min Scan# 3573
Delta R.T. -0.022 min
Lab File: BG056720.D
Acq: 24 Feb 2023 13:15

Tgt Ion:252 Resp: 41303
Ion Ratio Lower Upper
252 100
253 20.6 18.2 27.2
125 6.5 3.4 5.2#





#93

Benzo(a)pyrene

Concen: 4.273 ng/ul

RT: 25.423 min Scan# 31

Delta R.T. -0.016 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

Tgt Ion:252 Resp: 3666

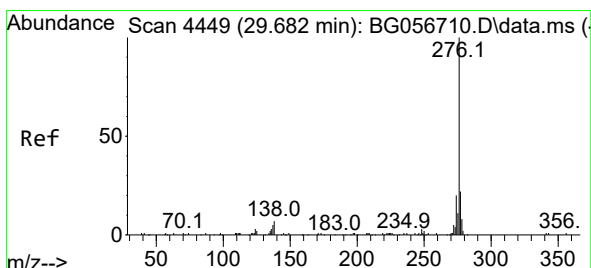
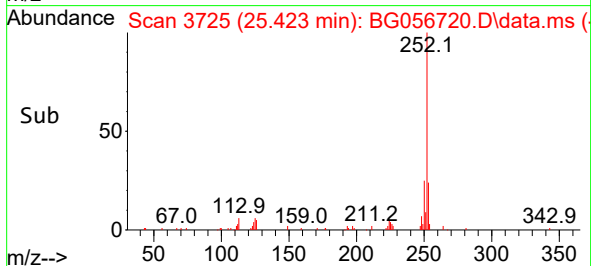
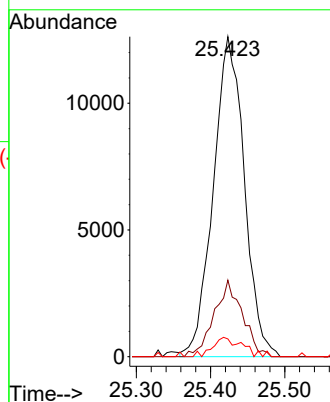
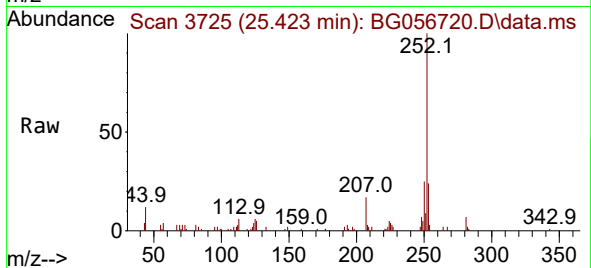
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	5.6	3.6	5.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.165 ng/ul m

RT: 29.636 min Scan# 4442

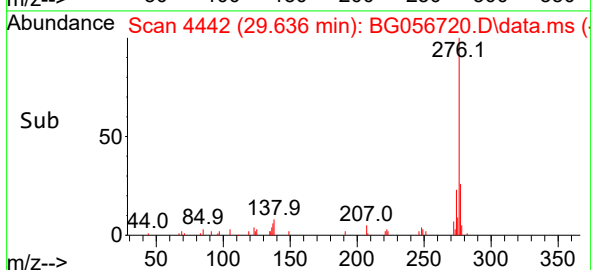
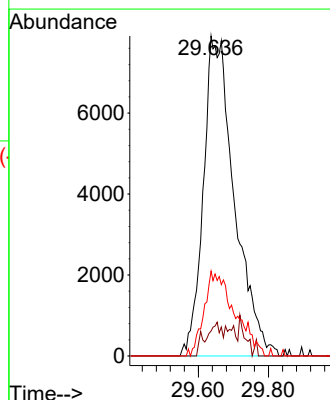
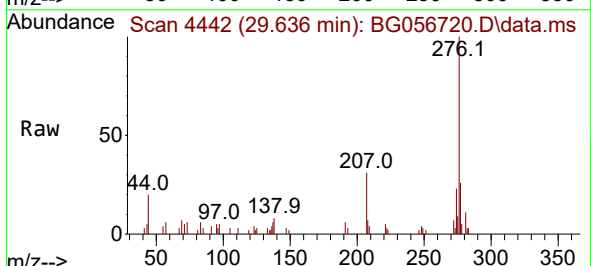
Delta R.T. -0.046 min

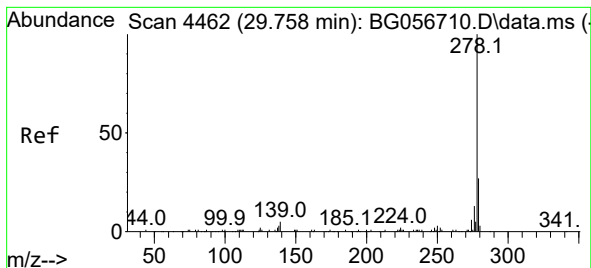
Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Tgt Ion:276 Resp: 48552

Ion	Ratio	Lower	Upper
276	100		
138	7.8	5.7	8.5
277	26.5	18.1	27.1





#95

Dibenzo(a,h)anthracene

Concen: 4.097 ng/ul

RT: 29.724 min Scan# 4462

Delta R.T. -0.034 min

Lab File: BG056720.D

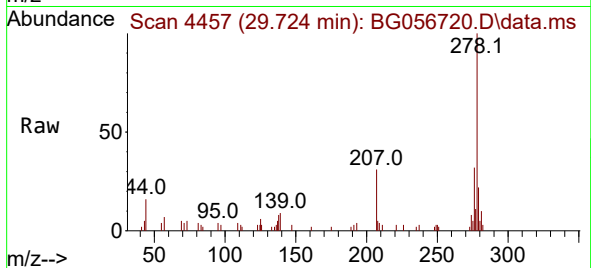
Acq: 24 Feb 2023 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01



Tgt Ion:278 Resp: 39934

Ion Ratio Lower Upper

278 100

139 8.9 4.3 6.5

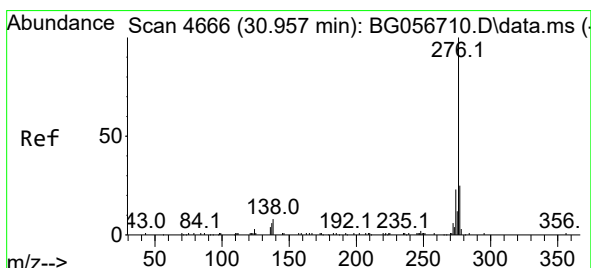
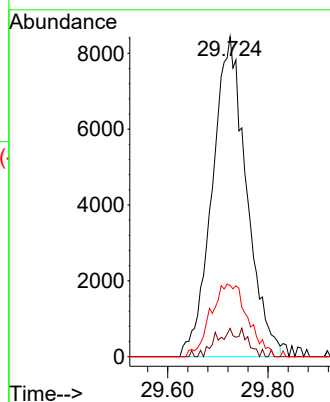
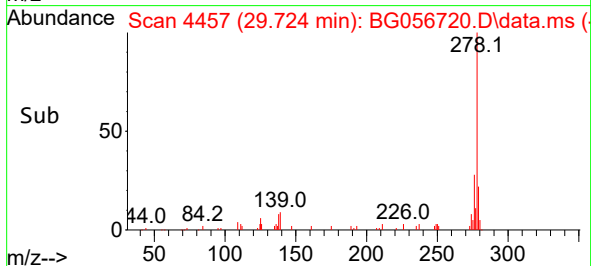
279 22.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#96

Benzo(g,h,i)perylene

Concen: 4.177 ng/ul m

RT: 30.929 min Scan# 4662

Delta R.T. -0.028 min

Lab File: BG056720.D

Acq: 24 Feb 2023 13:15

Tgt Ion:276 Resp: 38898

Ion Ratio Lower Upper

276 100

138 8.9 6.5 9.7

277 25.3 20.7 31.1

