

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022423\
 Data File : BG056719.D
 Acq On : 24 Feb 2023 12:34
 Operator : CG/JU
 Sample : 01378-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 24 13:09:32 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	8.415	152	17115	20.000	ng/u1	0.00
20) Naphthalene-d8	11.258	136	77312	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.025	164	61239	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.757	188	156833	20.000	ng/u1	0.00
79) Chrysene-d12	22.069	240	141588	20.000	ng/u1	0.00
88) Perylene-d12	25.600	264	142341	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.703	96	1236	4.006	ng/uL	0.00
4) Pyridine-d5	4.137	84	16639m	13.361	ng/u1	0.00
7) Phenol-d5	7.539	99	30178	17.620	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.715	67	18639	17.841	ng/u1	0.00
11) 2-Chlorophenol-d4	7.945	132	20364	17.905	ng/u1	0.00
15) 4-Methylphenol-d8	9.108	113	23543	17.990	ng/u1	0.00
21) Nitrobenzene-d5	9.596	128	11402	17.598	ng/u1	0.00
24) 2-Nitrophenol-d4	10.324	143	14010	18.166	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.865	165	25304	17.416	ng/u1	0.00
31) 4-Chloroaniline-d4	11.382	131	33565	17.712	ng/u1	0.00
46) Dimethylphthalate-d6	14.414	166	89800	18.175	ng/u1	0.00
49) Acenaphthylene-d8	14.725	160	99658	17.747	ng/u1	0.00
54) 4-Nitrophenol-d4	15.177	143	14818	17.395	ng/u1	0.00
60) Fluorene-d10	16.006	176	81464	17.824	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.106	200	16793	16.004	ng/u1	0.00
73) Anthracene-d10	17.857	188	130413	17.140	ng/u1	0.00
81) Pyrene-d10	20.119	212	159370	16.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.354	264	135948	17.695	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.738	88	395m	1.038	ng/uL	
5) Pyridine	4.161	79	5057	3.834	ng/u1	91
6) Benzaldehyde	7.539	77	4271	4.760	ng/u1	92
8) Phenol	7.563	94	7236	4.142	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.815	93	5259	4.237	ng/u1#	87
12) 2-Chlorophenol	7.974	128	4792	4.254	ng/u1	90
13) 2-Methylphenol	8.844	108	5464	4.147	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.932	45	7507	4.501	ng/u1#	94
16) Acetophenone	9.243	105	9437	4.211	ng/u1	88
17) N-Nitroso-di-n-propyla...	9.214	70	5711	4.442	ng/u1	90
18) 4-Methylphenol	9.167	108	5631	3.933	ng/u1	83
19) Hexachloroethane	9.525	117	2013	4.203	ng/u1	95
22) Nitrobenzene	9.631	77	8272	4.403	ng/u1	98
23) Isophorone	10.154	82	15558	4.236	ng/u1#	92
25) 2-Nitrophenol	10.359	139	2997	3.937	ng/u1	97
26) 2,4-Dimethylphenol	10.389	107	6001	3.530	ng/u1	85
27) Bis(2-Chloroethoxy)met...	10.630	93	7720	4.158	ng/u1	96
29) 2,4-Dichlorophenol	10.882	162	5763	4.096	ng/u1	92
30) Naphthalene	11.311	128	17575	4.130	ng/u1#	97
32) 4-Chloroaniline	11.405	127	7675	4.089	ng/u1	98
33) Hexachlorobutadiene	11.587	225	4617	4.117	ng/u1	90
34) Caprolactam	12.140	113	2313	4.836	ng/u1	81
35) 4-Chloro-3-methylphenol	12.486	107	6377	3.945	ng/u1#	84
36) 2-Methylnaphthalene	12.880	142	12372	4.059	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.097	142	12510	4.163	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.238	216	9003	4.147	ng/ul#	95
40) Hexachlorocyclopentadiene	13.221	237	6341	4.076	ng/ul	94
41) 2,4,6-Trichlorophenol	13.468	196	5788	3.990	ng/ul	98
42) 2,4,5-Trichlorophenol	13.532	196	6799	4.316	ng/ul	83
43) 1,1'-Biphenyl	13.867	154	19409	4.310	ng/ul	95
44) 2-Chloronaphthalene	13.914	162	16000	4.294	ng/ul	96
45) 2-Nitroaniline	14.096	65	5177	4.003	ng/ul	89
47) Dimethylphthalate	14.455	163	20886	4.157	ng/ul#	92
48) 2,6-Dinitrotoluene	14.584	165	3870	3.757	ng/ul	94
50) Acenaphthylene	14.754	152	23901	4.213	ng/ul	97
51) 3-Nitroaniline	14.913	138	4523	4.906	ng/ul#	78
52) Acenaphthene	15.089	153	16218	4.161	ng/ul	95
53) 2,4-Dinitrophenol	15.113	184	2896	4.389	ng/ul#	86
55) 4-Nitrophenol	15.195	109	3909	3.964	ng/ul	88
56) Dibenzofuran	15.418	168	24520	4.145	ng/ul	99
57) 2,4-Dinitrotoluene	15.359	165	6381	4.321	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.636	232	5573	3.802	ng/ul#	91
59) Diethylphthalate	15.806	149	21360	4.247	ng/ul	94
61) Fluorene	16.065	166	21110	4.456	ng/ul	91
62) 4-Chlorophenyl-phenyle...	16.047	204	11823	4.214	ng/ul	98
63) 4-Nitroaniline	16.065	138	3836	4.259	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.117	198	4515	4.470	ng/ul#	98
67) N-Nitrosodiphenylamine	16.253	169	18231	4.180	ng/ul	95
68) 4-Bromophenyl-phenylether	16.940	248	8303	4.178	ng/ul	89
69) Hexachlorobenzene	17.063	284	8807	4.125	ng/ul	95
70) Atrazine	17.181	200	8641	4.562	ng/ul	98
71) Pentachlorophenol	17.404	266	4605	3.798	ng/ul#	87
72) Phenanthrene	17.798	178	35861	4.221	ng/ul	97
74) Anthracene	17.892	178	34595	4.030	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.838	216	8704	3.628	ng/uL	93
76) Pentachlorobenzene	15.336	250	9004	3.700	ng/uL	98
77) Carbazole	18.150	167	31680	4.410	ng/ul	95
78) Di-n-butylphthalate	18.679	149	35016	4.230	ng/ul	98
80) Fluoranthene	19.784	202	44640	3.853	ng/ul#	97
82) Pyrene	20.142	202	45491	3.986	ng/ul	99
83) Butylbenzylphthalate	21.006	149	14754	4.075	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.946	252	15910	4.482	ng/ul	100
85) Benzo(a)anthracene	22.046	228	41408	4.018	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.911	149	21432	4.214	ng/ul	99
87) Chrysene	22.116	228	39597	4.126	ng/ul	98
89) Di-n-octyl phthalate	23.227	149	36730	4.746	ng/ul	100
90) Benzo(b)fluoranthene	24.461	252	43185	4.532	ng/ul	98
91) Benzo(k)fluoranthene	24.537	252	41133	4.432	ng/ul	99
93) Benzo(a)pyrene	25.430	252	37197	4.441	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.649	276	49014m	4.308	ng/ul	
95) Dibenzo(a,h)anthracene	29.725	278	40474m	4.254	ng/ul	
96) Benzo(g,h,i)perylene	30.929	276	38702m	4.258	ng/ul	

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

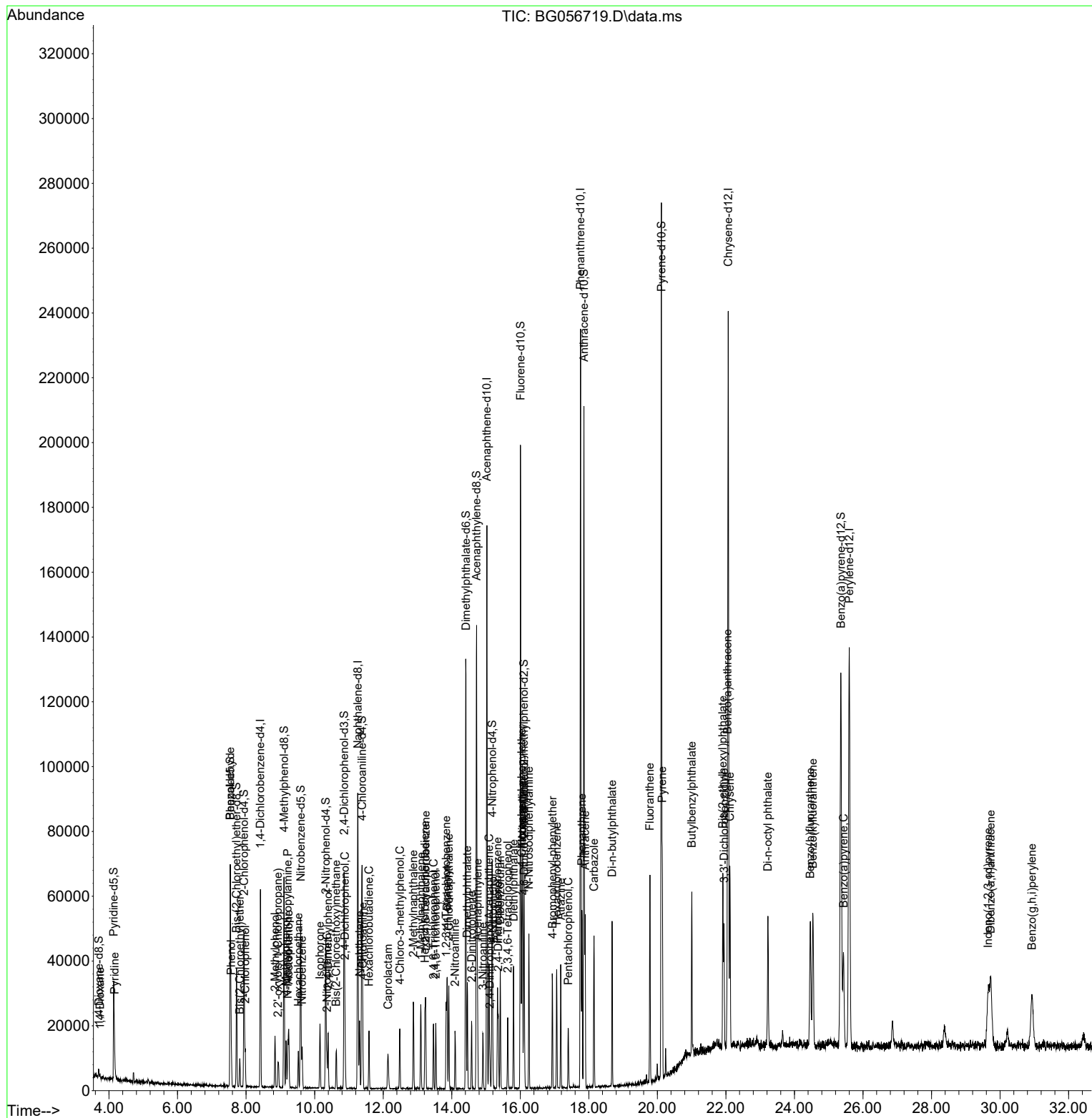
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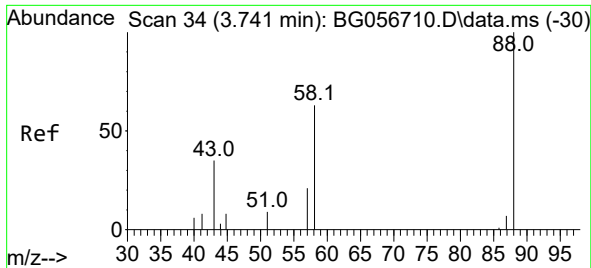
Instrument :
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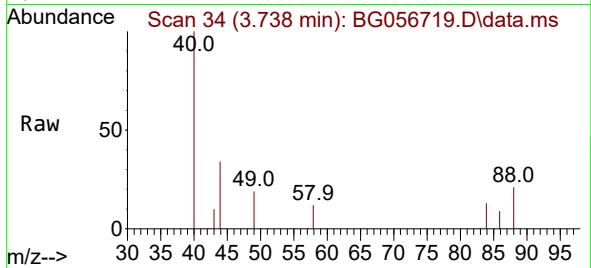
Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023





#2
1,4-Dioxane
Concen: 1.038 ng/uL m
RT: 3.738 min Scan# 34
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

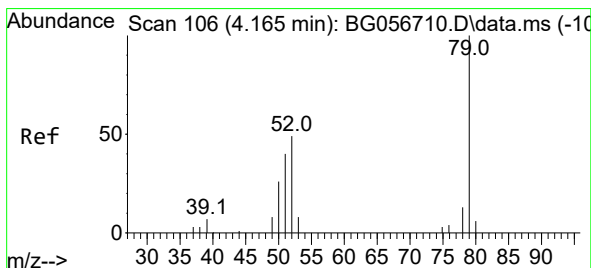
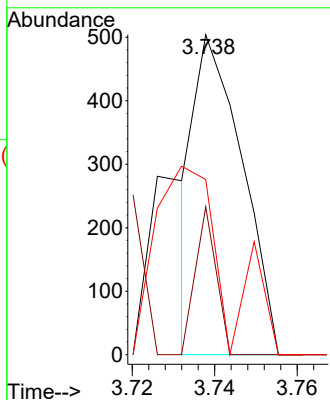
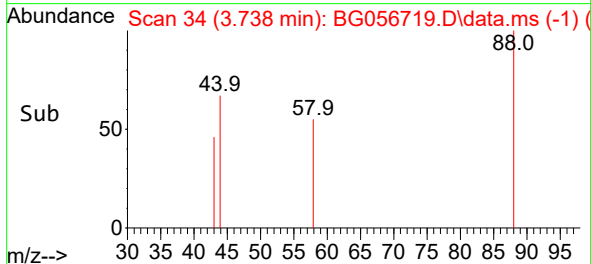
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion: 88 Resp: 399
Ion Ratio Lower Upper
88 100
43 46.2 28.3 42.5
58 54.8 50.6 75.8

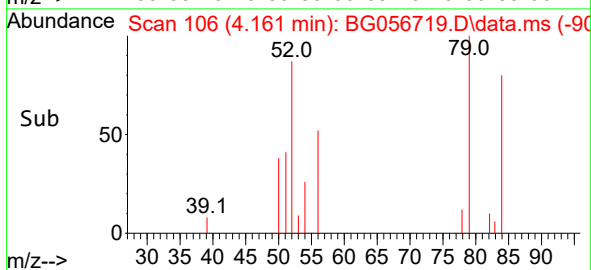
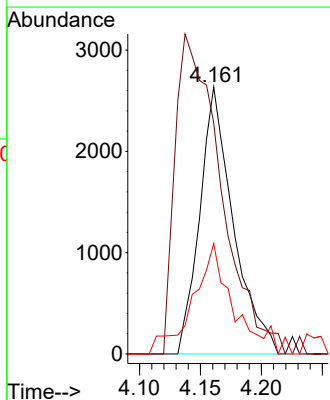
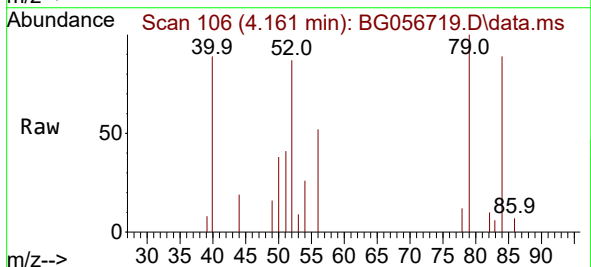
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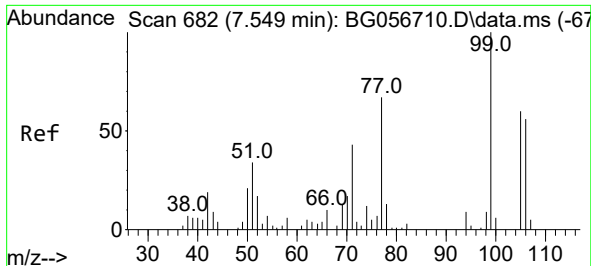
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#5
Pyridine
Concen: 3.834 ng/uL
RT: 4.161 min Scan# 106
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

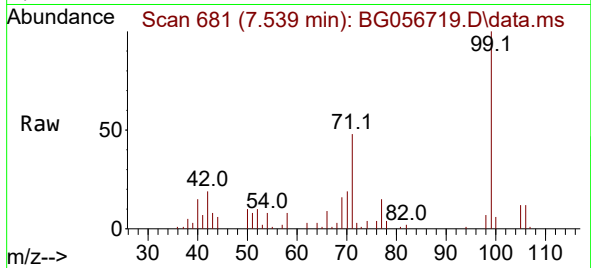
Tgt Ion: 79 Resp: 5057
Ion Ratio Lower Upper
79 100
52 86.6 60.6 91.0
51 41.4 31.9 47.9





#6
Benzaldehyde
Concen: 4.760 ng/ul
RT: 7.539 min Scan# 682
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

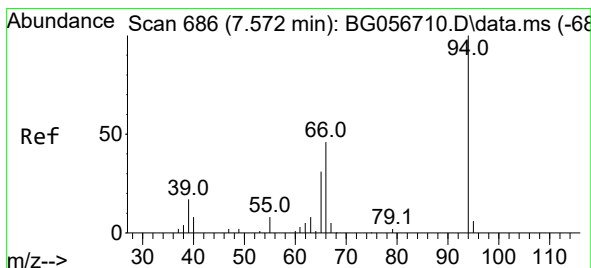
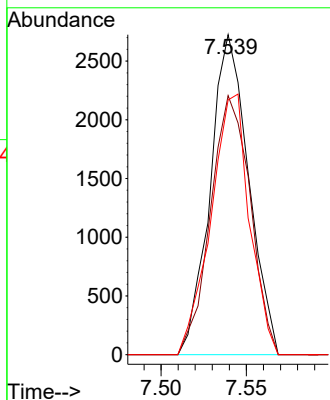
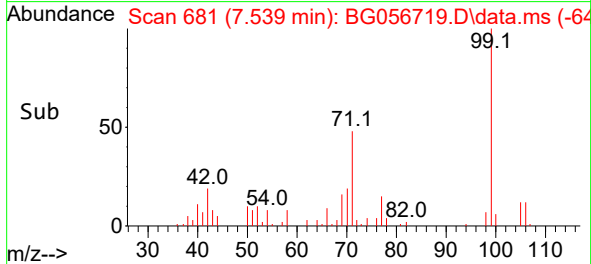
Instrument :
BNA_G
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MDL-SOIL-QT1-2023-01



Tgt Ion: 77 Resp: 427
Ion Ratio Lower Upper
77 100
105 81.0 72.2 108.4
106 79.6 67.4 101.2

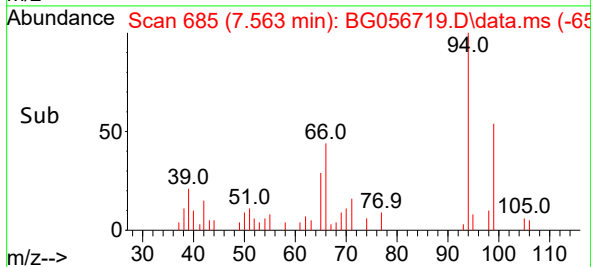
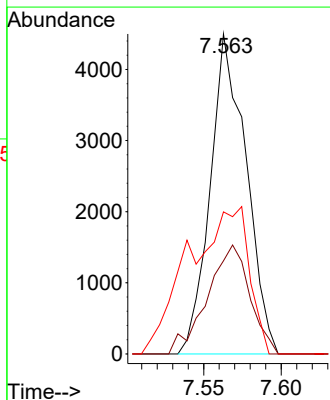
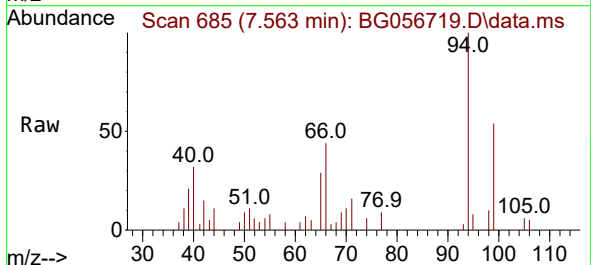
Manual Integrations
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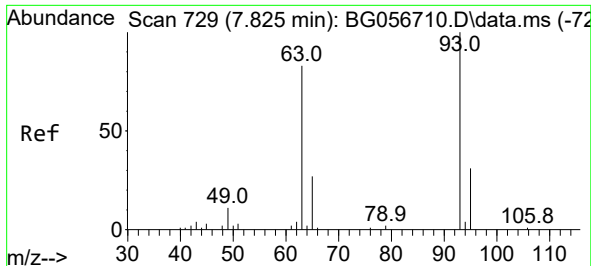
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#8
Phenol
Concen: 4.142 ng/ul
RT: 7.563 min Scan# 685
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

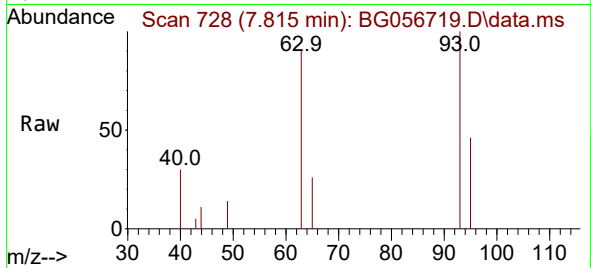
Tgt Ion: 94 Resp: 7236
Ion Ratio Lower Upper
94 100
65 29.1 25.7 38.5
66 44.4 38.9 58.3





#10
Bis(2-Chloroethyl)ether
Concen: 4.237 ng/ul
RT: 7.815 min Scan# 729
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

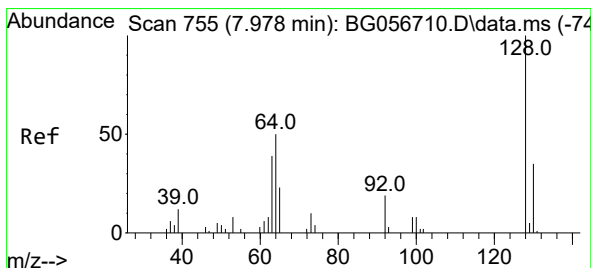
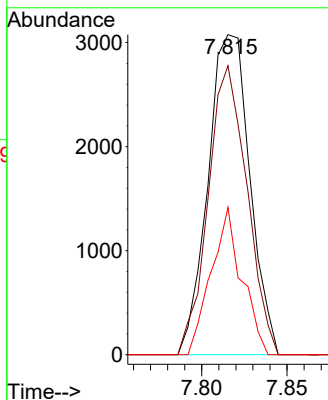
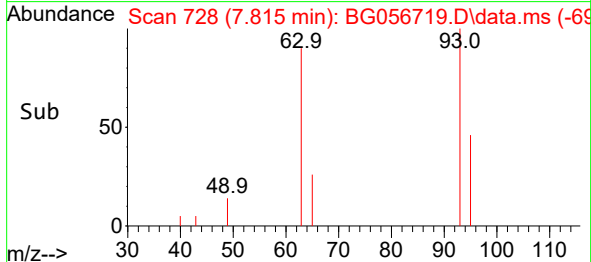
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Tgt Ion: 93 Resp: 525
Ion Ratio Lower Upper
93 100
63 90.3 66.6 100.0
95 46.0 25.0 37.4

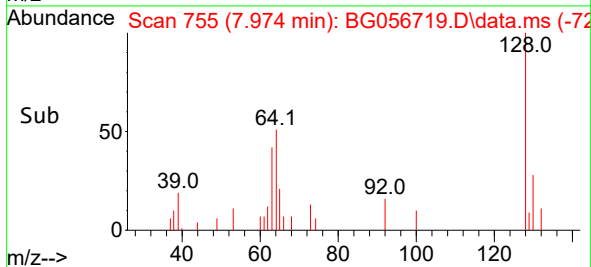
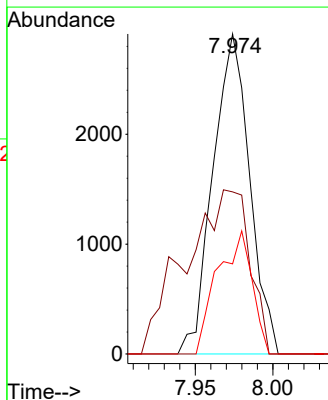
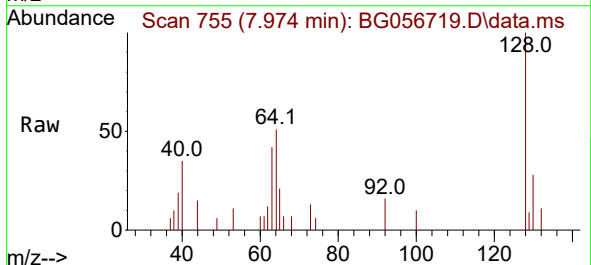
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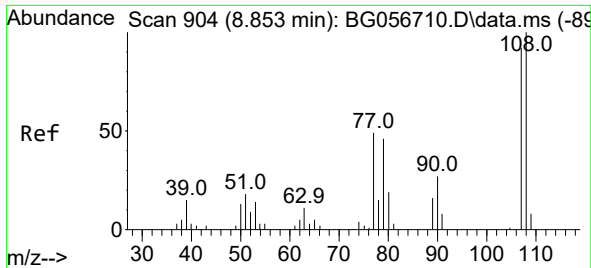
Reviewed By :Yogesh Patel 02/27/2023
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#12
2-Chlorophenol
Concen: 4.254 ng/ul
RT: 7.974 min Scan# 755
Delta R.T. -0.004 min
Lab File: BG056719.D
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Tgt Ion:128 Resp: 4792
Ion Ratio Lower Upper
128 100
64 50.6 45.5 68.3
130 28.1 27.7 41.5





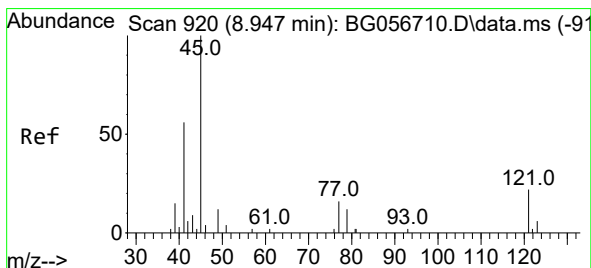
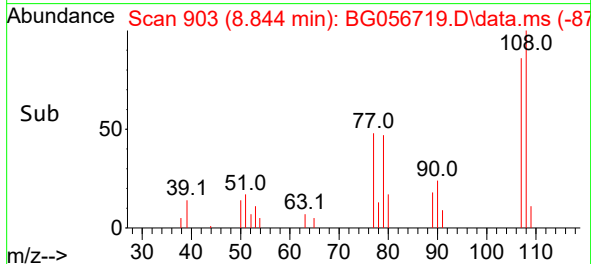
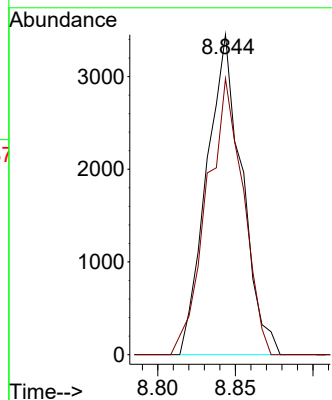
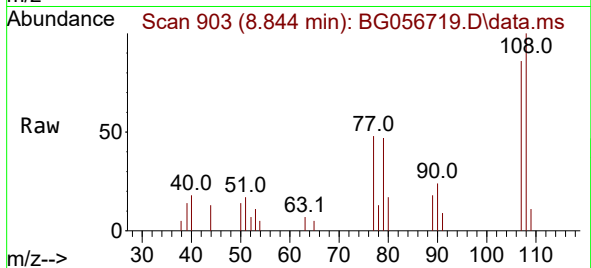
#13
2-Methylphenol
Concen: 4.147 ng/ul
RT: 8.844 min Scan# 904
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

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

Tgt Ion:108 Resp: 546
Ion Ratio Lower Upper
108 100
107 86.3 73.4 110.0

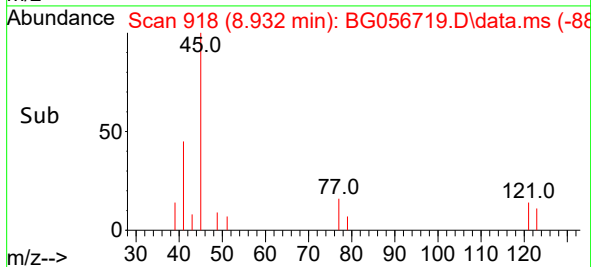
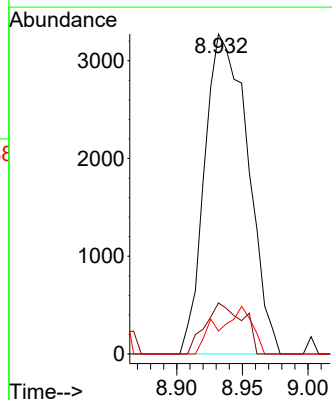
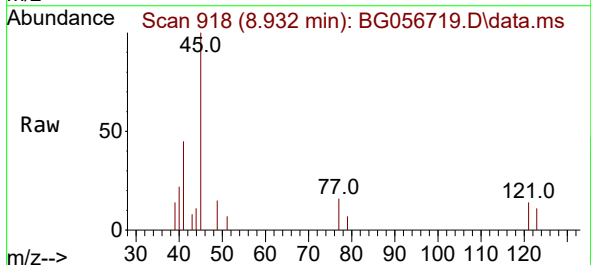
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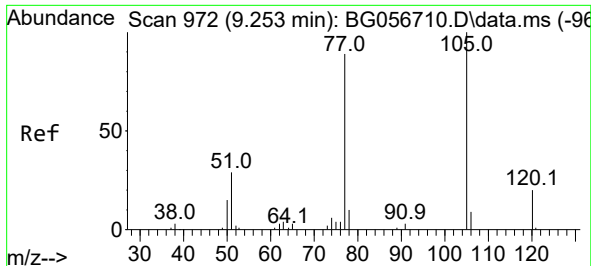
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.501 ng/ul
RT: 8.932 min Scan# 918
Delta R.T. -0.015 min
Lab File: BG056719.D
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Tgt Ion: 45 Resp: 7507
Ion Ratio Lower Upper
45 100
77 15.9 12.4 18.6
79 7.2 9.8 14.6#





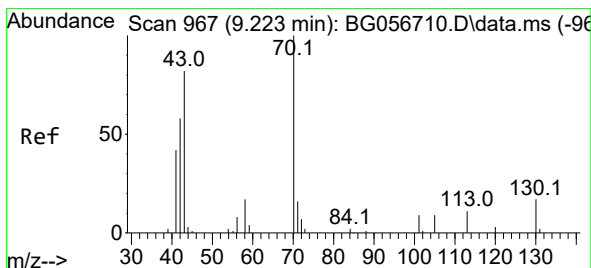
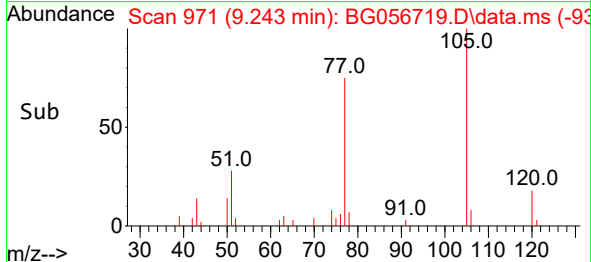
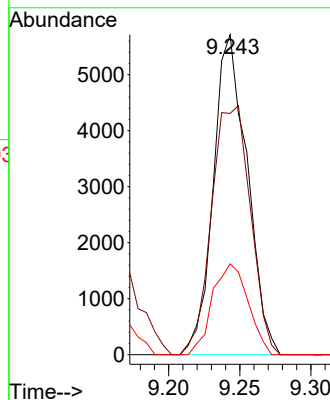
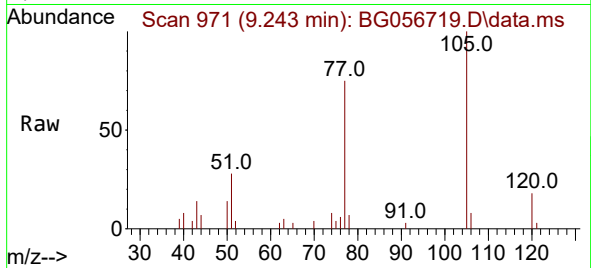
#16
Acetophenone
Concen: 4.211 ng/ul
RT: 9.243 min Scan# 911
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

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

Tgt Ion:105 Resp: 943
Ion Ratio Lower Upper
105 100
77 75.4 71.4 107.0
51 28.4 23.6 35.4

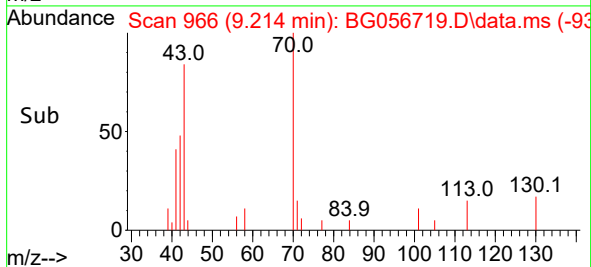
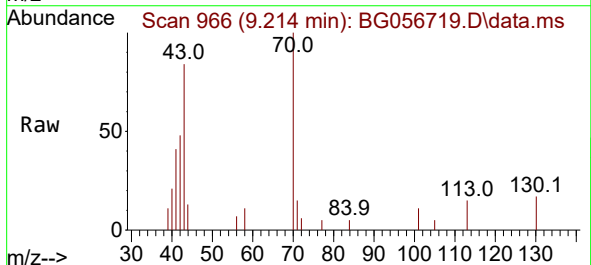
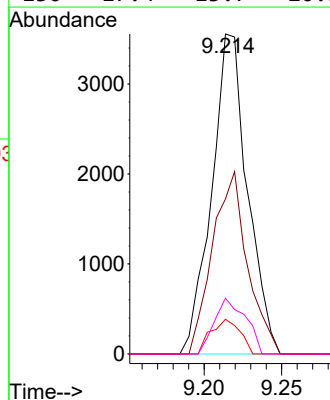
Manual Integrations
APPROVED

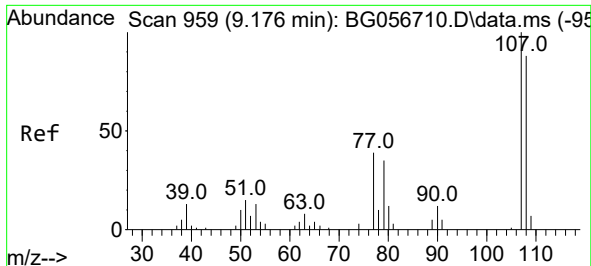
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.442 ng/ul
RT: 9.214 min Scan# 966
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

Tgt Ion: 70 Resp: 5711
Ion Ratio Lower Upper
70 100
42 48.5 46.6 70.0
101 10.8 7.3 10.9
130 17.4 13.7 20.5





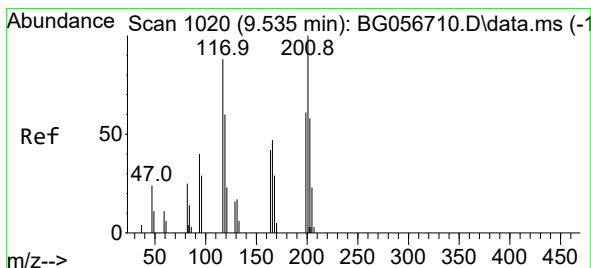
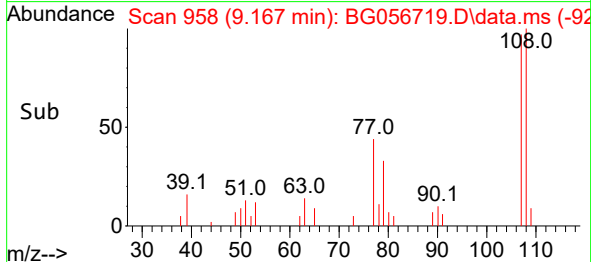
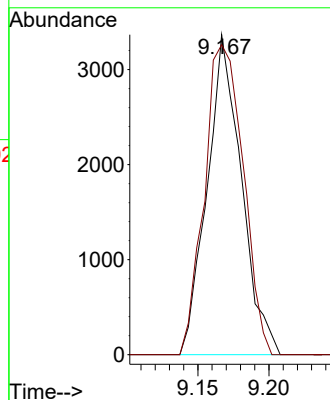
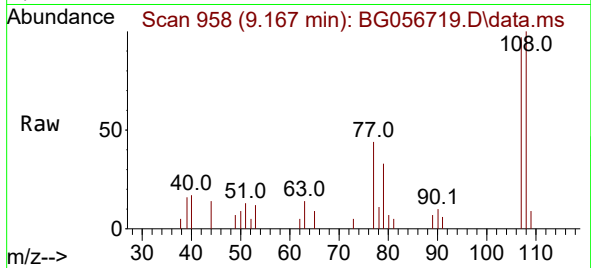
#18
4-Methylphenol
Concen: 3.933 ng/ul
RT: 9.167 min Scan# 910
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

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

Tgt Ion:108 Resp: 563
Ion Ratio Lower Upper
108 100
107 96.9 92.1 138.1

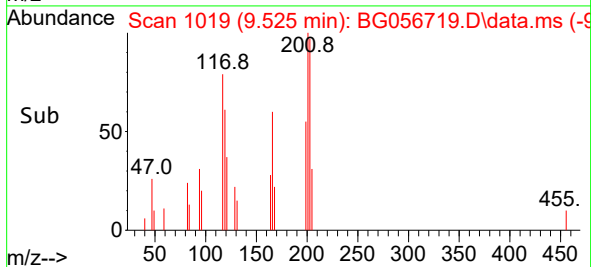
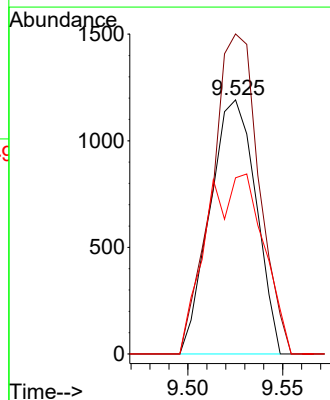
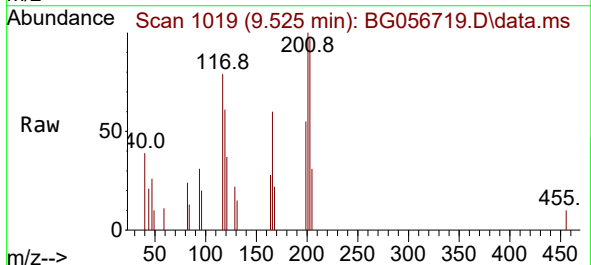
Manual Integrations
APPROVED

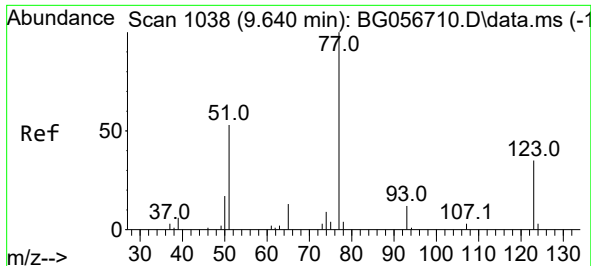
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#19
Hexachloroethane
Concen: 4.203 ng/ul
RT: 9.525 min Scan# 1019
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

Tgt Ion:117 Resp: 2013
Ion Ratio Lower Upper
117 100
201 125.9 95.2 142.8
199 69.3 57.9 86.9





#22

Nitrobenzene

Concen: 4.403 ng/ul

RT: 9.631 min Scan# 1037

Delta R.T. -0.010 min

Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-01

Tgt Ion: 77 Resp: 8272

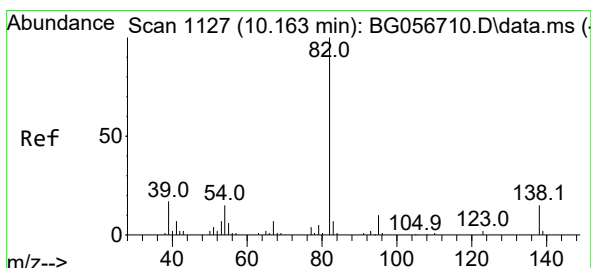
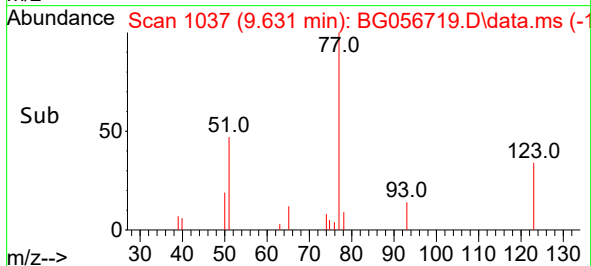
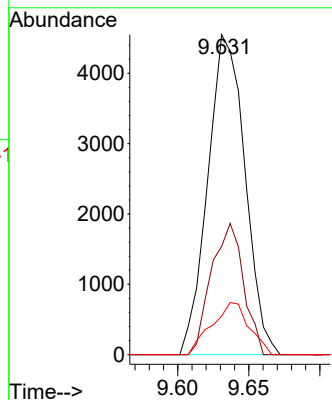
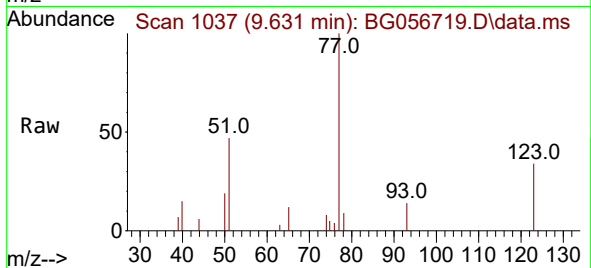
Ion	Ratio	Lower	Upper
77	100		
123	33.8	27.8	41.6
65	12.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#23

Isophorone

Concen: 4.236 ng/ul

RT: 10.154 min Scan# 1126

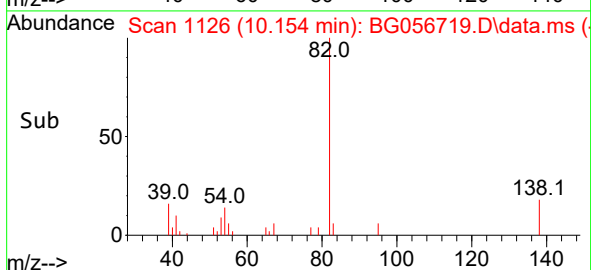
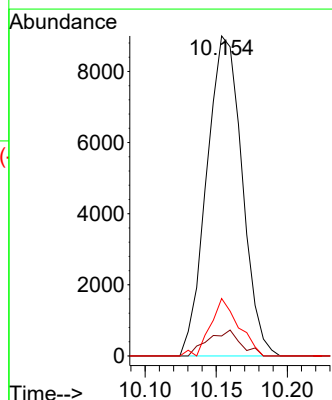
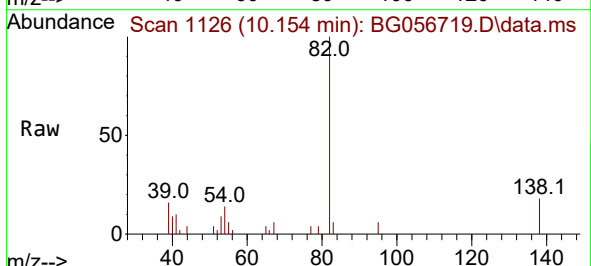
Delta R.T. -0.010 min

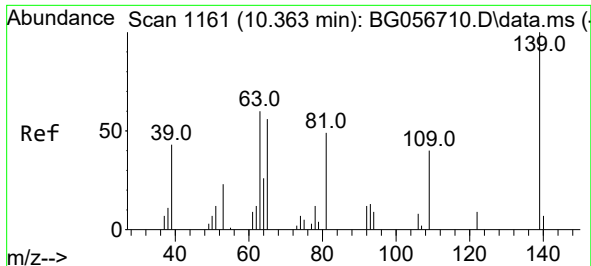
Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

Tgt Ion: 82 Resp: 15558

Ion	Ratio	Lower	Upper
82	100		
95	6.3	7.7	11.5#
138	17.9	12.1	18.1





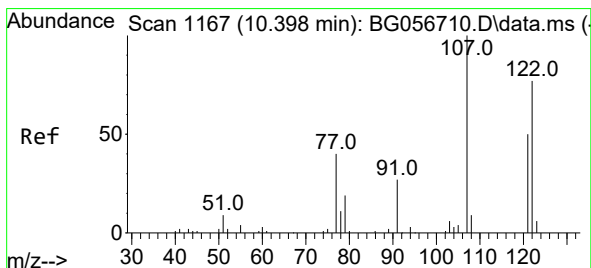
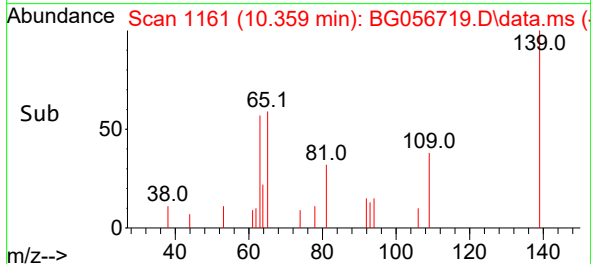
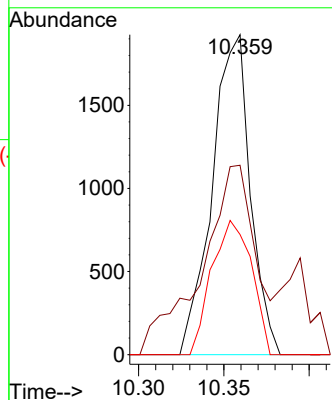
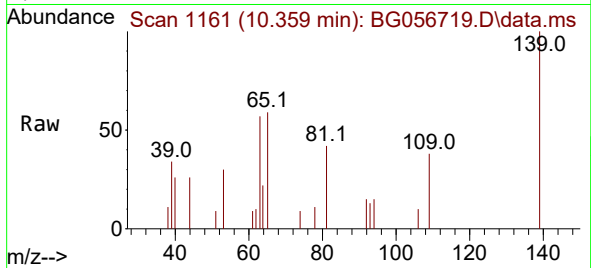
#25
2-Nitrophenol
Concen: 3.937 ng/ul
RT: 10.359 min Scan# 1161
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

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

Tgt Ion:139 Resp: 299
Ion Ratio Lower Upper
139 100
65 59.2 49.4 74.2
109 37.6 31.6 47.4

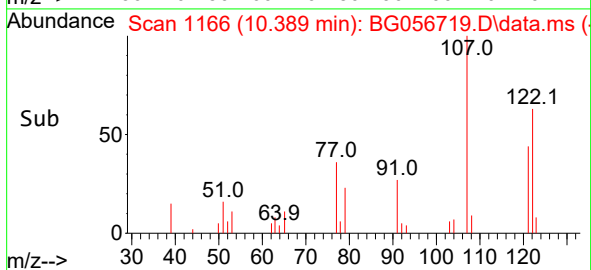
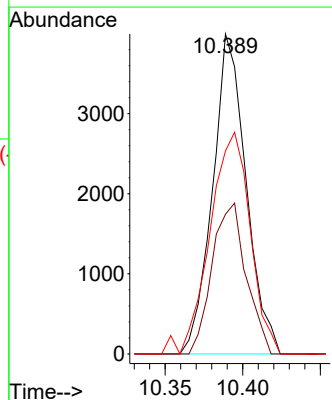
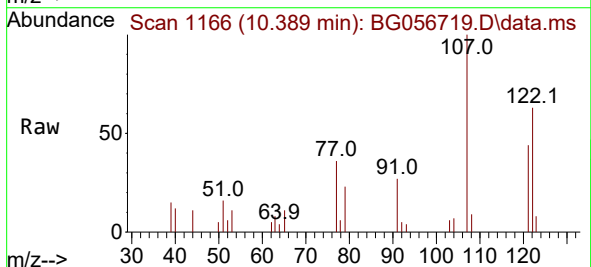
Manual Integrations
APPROVED

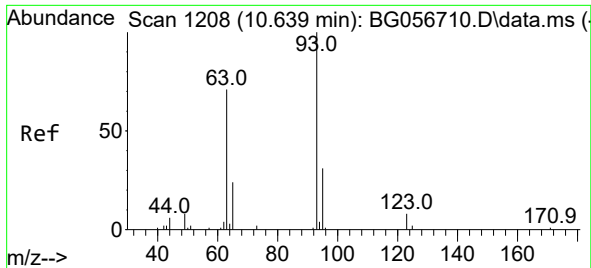
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#26
2,4-Dimethylphenol
Concen: 3.530 ng/ul
RT: 10.389 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

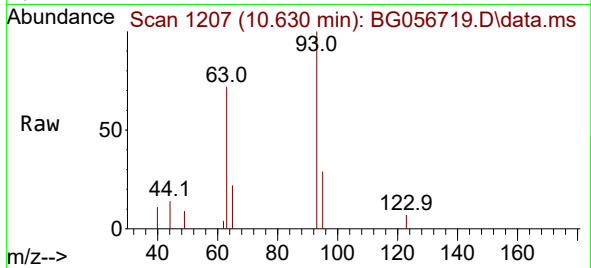
Tgt Ion:107 Resp: 6001
Ion Ratio Lower Upper
107 100
121 43.6 40.2 60.4
122 63.5 63.1 94.7





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.158 ng/ul
 RT: 10.630 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BG056719.D
 Acq: 24 Feb 2023 12:34

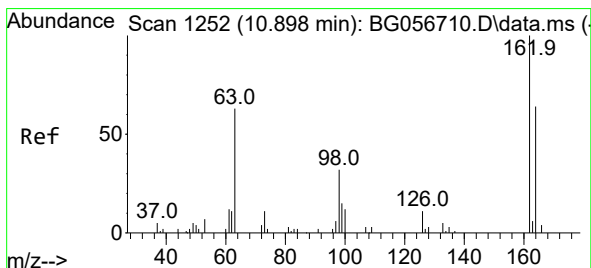
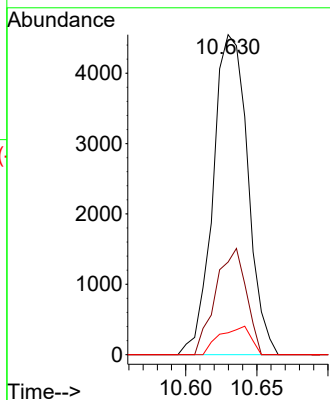
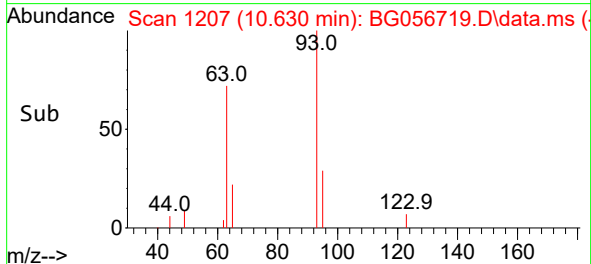
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2023-01



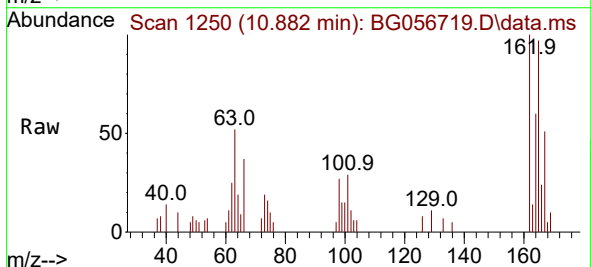
Tgt Ion: 93 Resp: 7720
 Ion Ratio Lower Upper
 93 100
 95 28.9 24.6 37.0
 123 6.8 6.6 10.0

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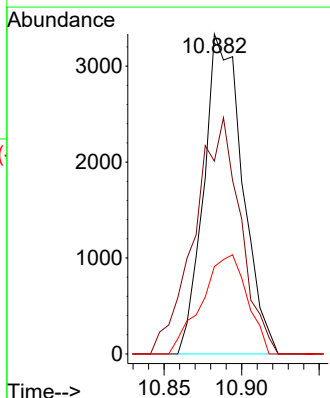
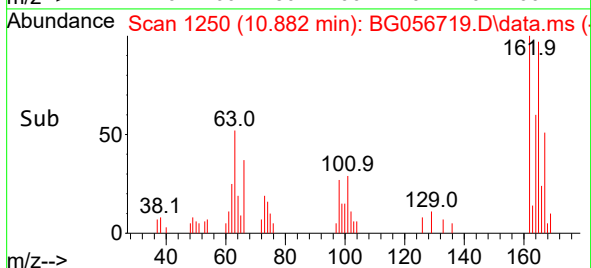
Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

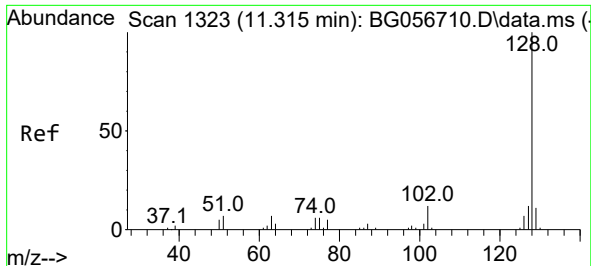


#29
 2,4-Dichlorophenol
 Concen: 4.096 ng/ul
 RT: 10.882 min Scan# 1250
 Delta R.T. -0.015 min
 Lab File: BG056719.D
 Acq: 24 Feb 2023 12:34



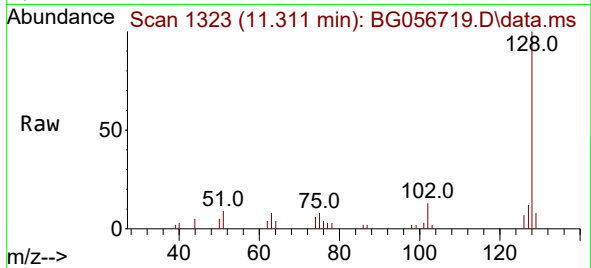
Tgt Ion:162 Resp: 5763
 Ion Ratio Lower Upper
 162 100
 164 60.3 53.3 79.9
 98 27.3 25.5 38.3





#30
Naphthalene
Concen: 4.130 ng/ul
RT: 11.311 min Scan# 1323
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

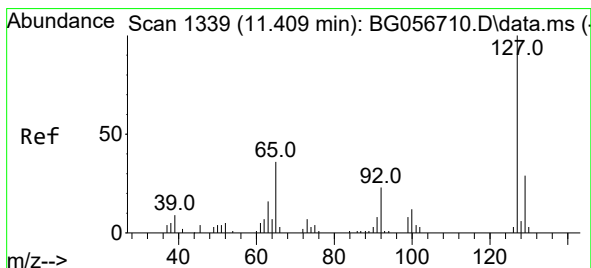
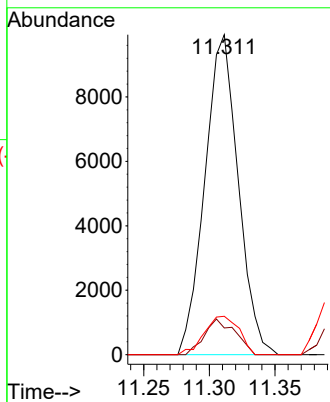
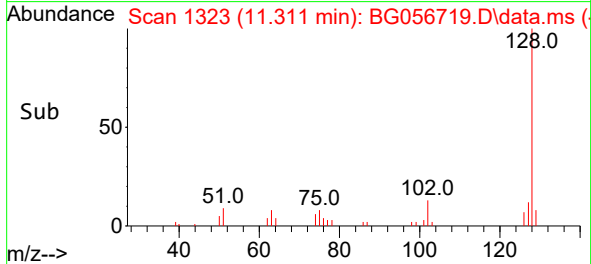
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:128 Resp: 17575
Ion Ratio Lower Upper
128 100
129 8.3 8.6 12.8
127 12.0 9.8 14.8

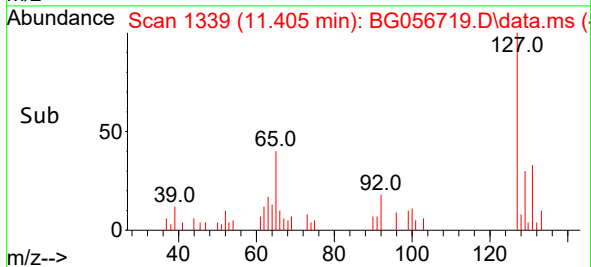
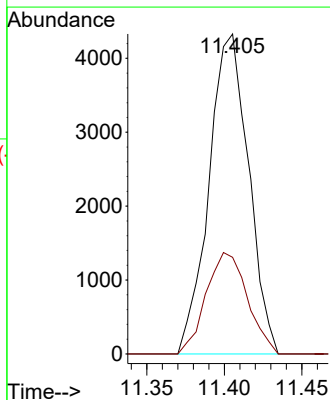
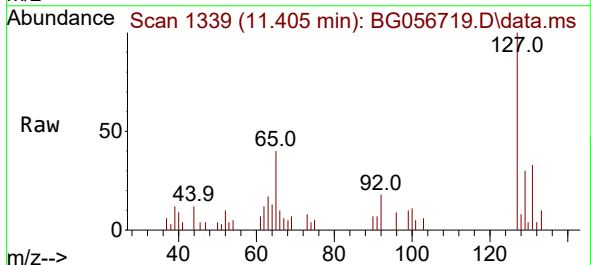
Manual Integrations
APPROVED

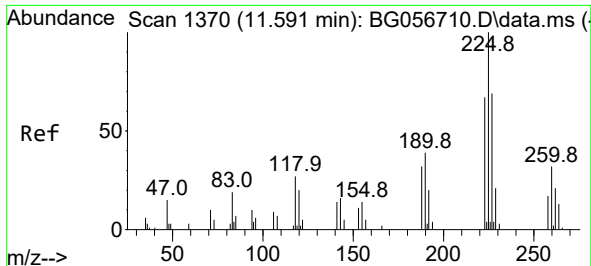
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#32
4-Chloroaniline
Concen: 4.089 ng/ul
RT: 11.405 min Scan# 1339
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

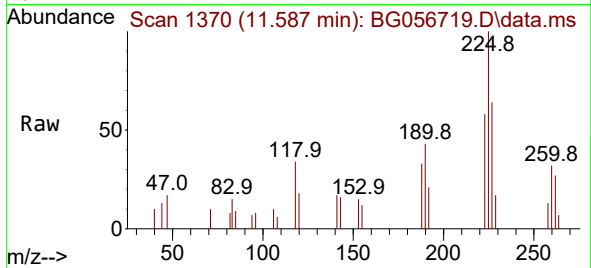
Tgt Ion:127 Resp: 7675
Ion Ratio Lower Upper
127 100
129 30.2 23.4 35.0





#33
Hexachlorobutadiene
Concen: 4.117 ng/ul
RT: 11.587 min Scan# 11587
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

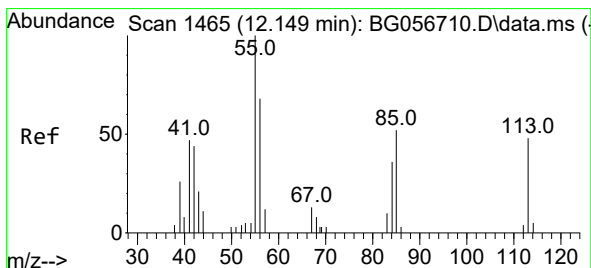
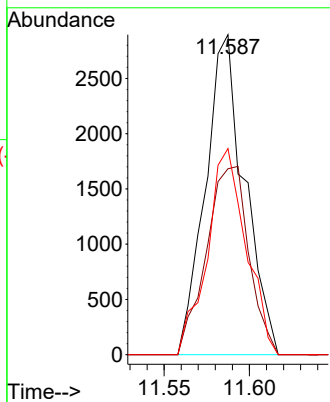
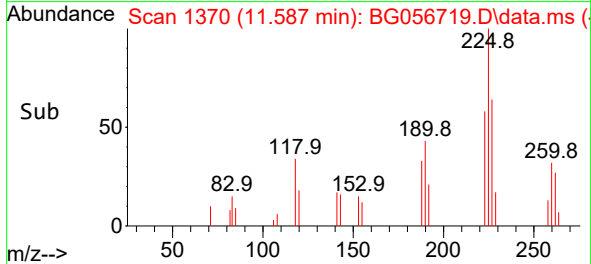
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:225 Resp: 461
Ion Ratio Lower Upper
225 100
223 58.1 53.5 80.3
227 64.4 58.2 87.2

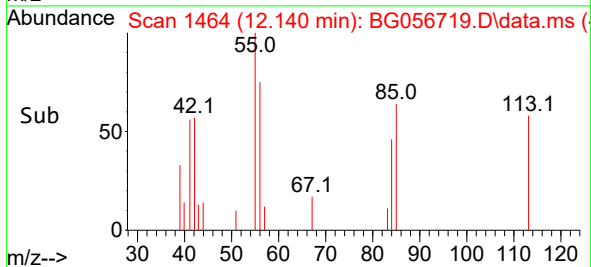
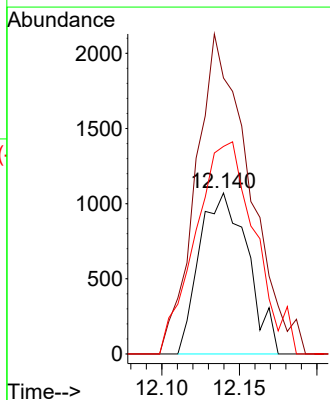
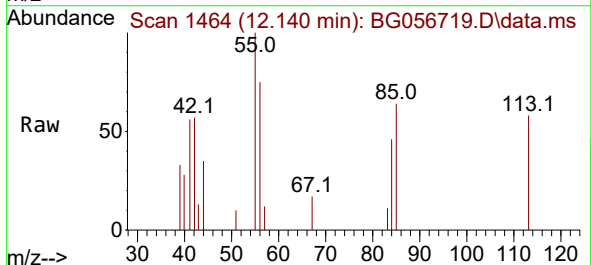
Manual Integrations
APPROVED

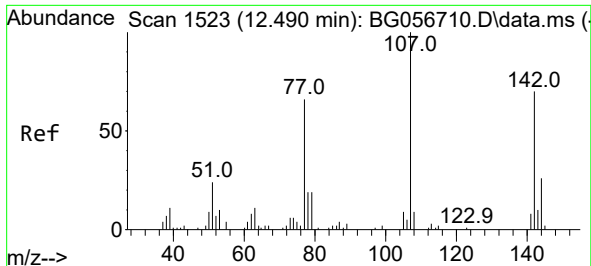
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#34
Caprolactam
Concen: 4.836 ng/ul
RT: 12.140 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

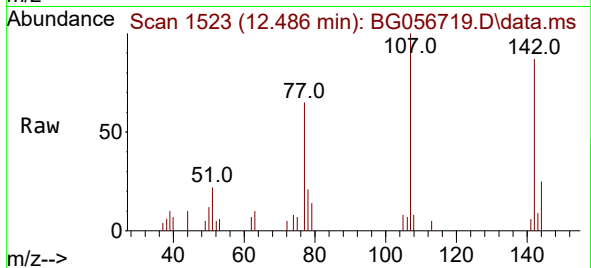
Tgt Ion:113 Resp: 2313
Ion Ratio Lower Upper
113 100
55 171.4 167.0 250.6
56 128.9 113.5 170.3





#35
4-Chloro-3-methylphenol
Concen: 3.945 ng/ul
RT: 12.486 min Scan# 1523
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

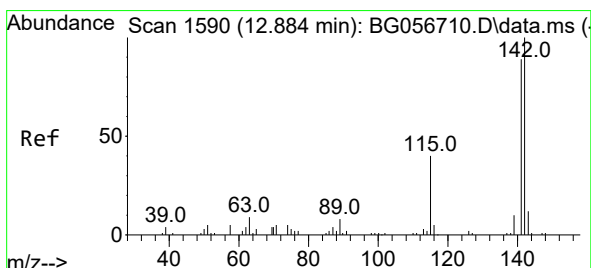
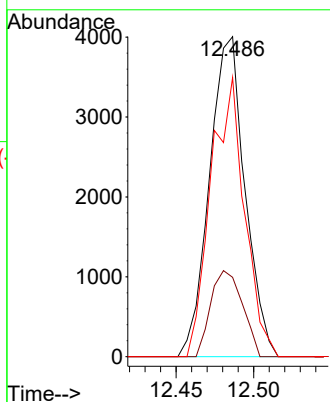
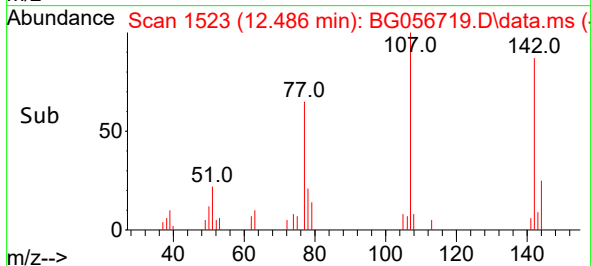
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



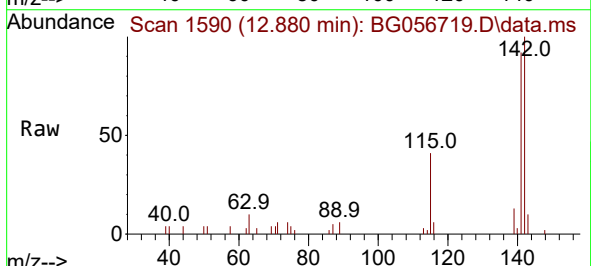
Tgt Ion:107 Resp: 6372
Ion Ratio Lower Upper
107 100
144 24.8 20.5 30.7
142 87.3 55.8 83.6

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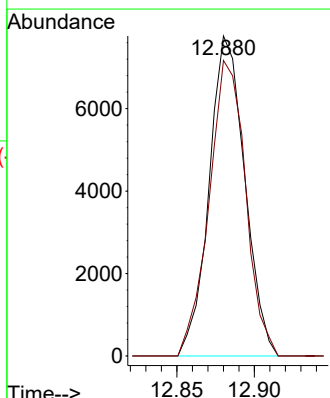
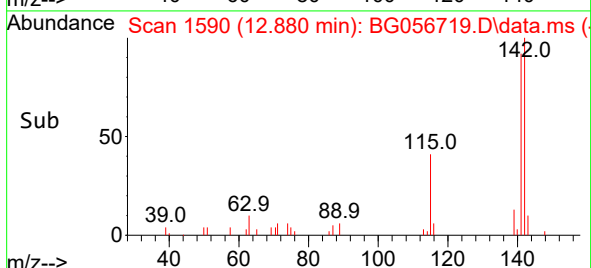
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

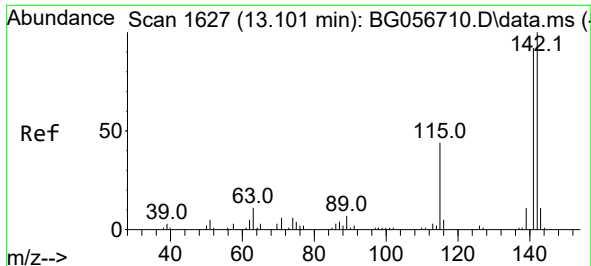


#36
2-Methylnaphthalene
Concen: 4.059 ng/ul
RT: 12.880 min Scan# 1590
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34



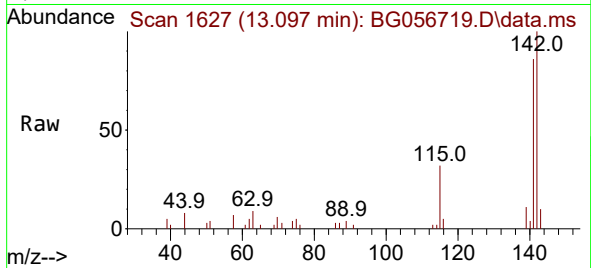
Tgt Ion:142 Resp: 12372
Ion Ratio Lower Upper
142 100
141 92.4 71.0 106.6





#37
1-Methylnaphthalene
Concen: 4.163 ng/ul
RT: 13.097 min Scan# 1627
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

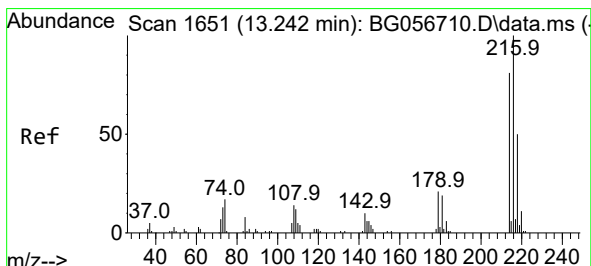
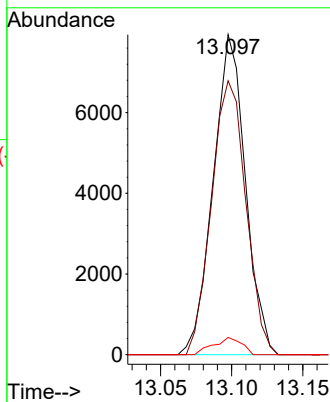
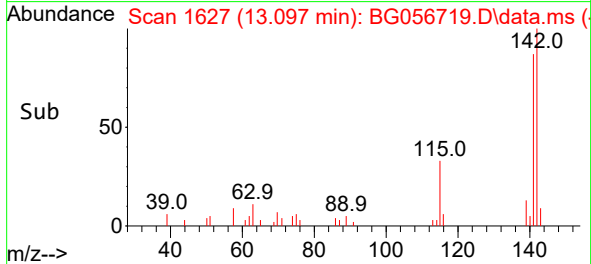
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



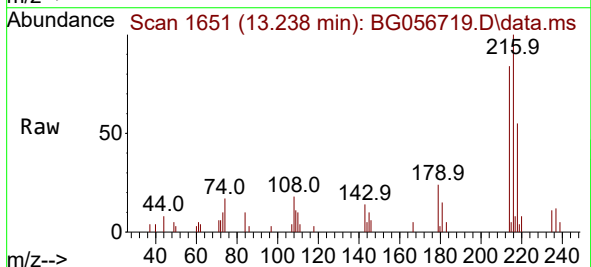
Tgt Ion:142 Resp: 12510
Ion Ratio Lower Upper
142 100
141 85.6 73.5 110.3
116 5.4 4.0 6.0

Manual Integrations
APPROVED

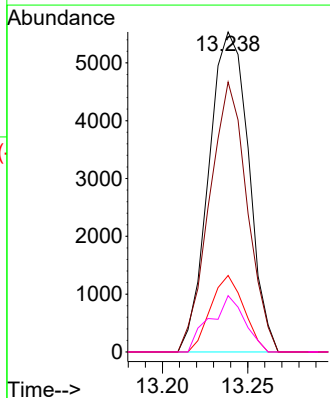
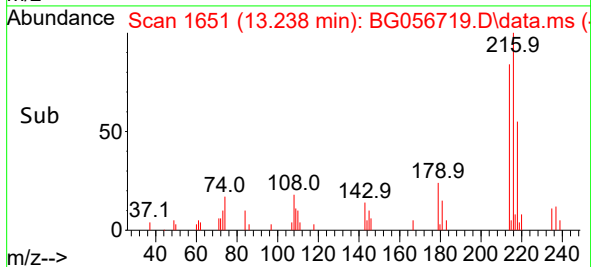
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

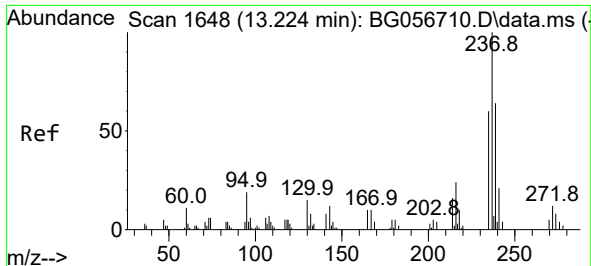


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.147 ng/ul
RT: 13.238 min Scan# 1651
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34



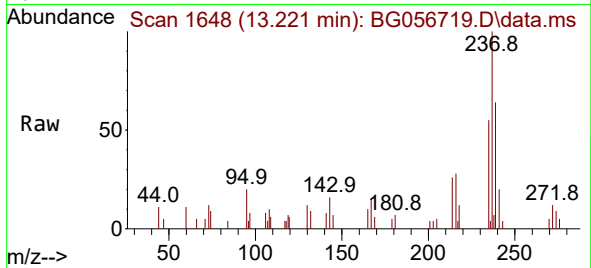
Tgt Ion:216 Resp: 9003
Ion Ratio Lower Upper
216 100
214 84.3 64.4 96.6
179 23.9 16.9 25.3
108 17.6 11.6 17.4#





#40
Hexachlorocyclopentadiene
Concen: 4.076 ng/ul
RT: 13.221 min Scan# 1648
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

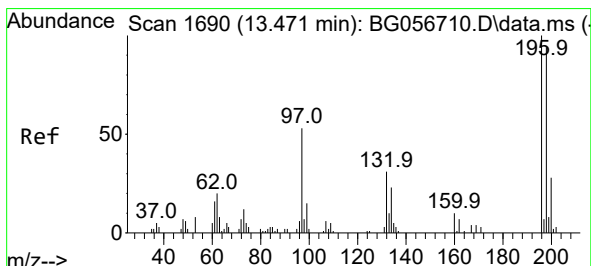
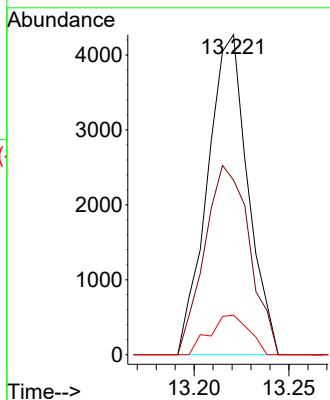
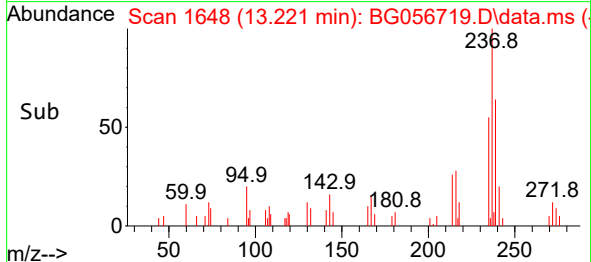
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



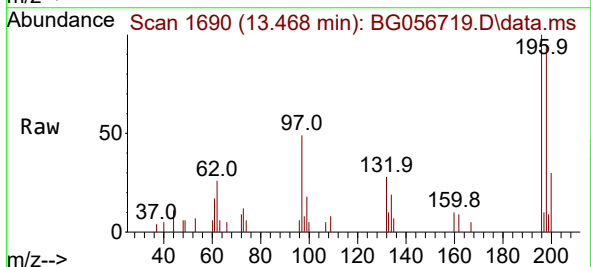
Tgt Ion:237 Resp: 634
Ion Ratio Lower Upper
237 100
235 54.5 47.8 71.8
272 12.4 9.9 14.9

Manual Integrations
APPROVED

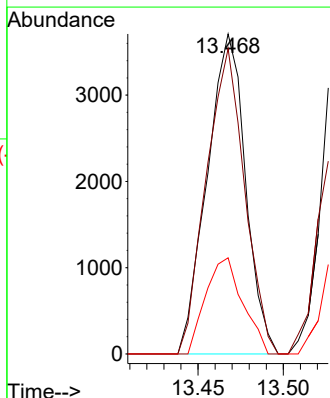
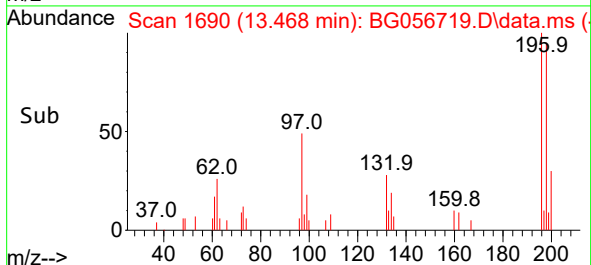
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

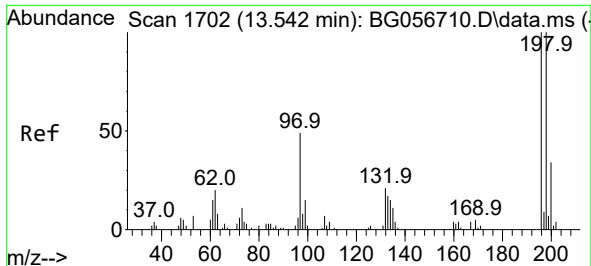


#41
2,4,6-Trichlorophenol
Concen: 3.990 ng/ul
RT: 13.468 min Scan# 1690
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34



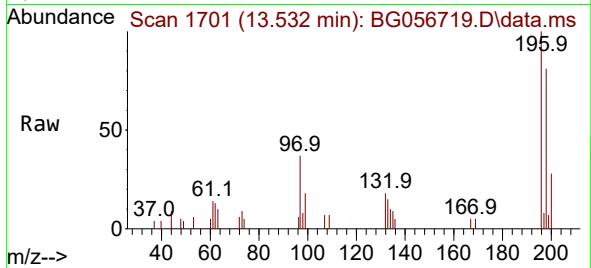
Tgt Ion:196 Resp: 5788
Ion Ratio Lower Upper
196 100
198 95.4 75.0 112.6
200 30.1 22.1 33.1





#42
2,4,5-Trichlorophenol
Concen: 4.316 ng/ul
RT: 13.532 min Scan# 1701
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

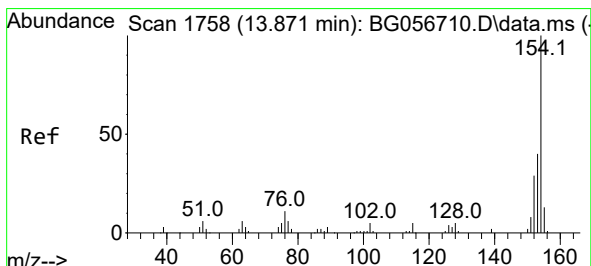
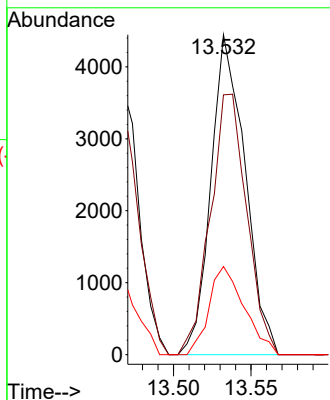
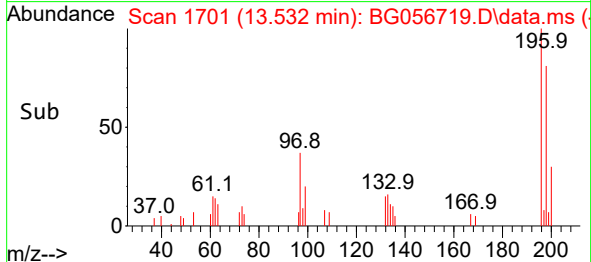
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:196 Resp: 6799
Ion Ratio Lower Upper
196 100
198 81.2 80.1 120.1
200 27.6 26.7 40.1

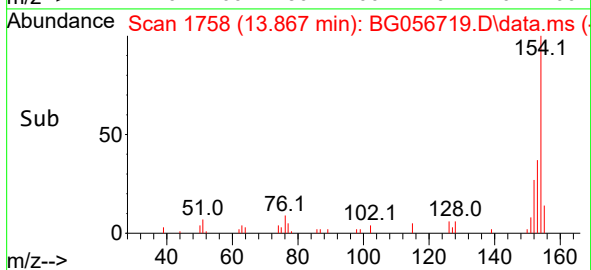
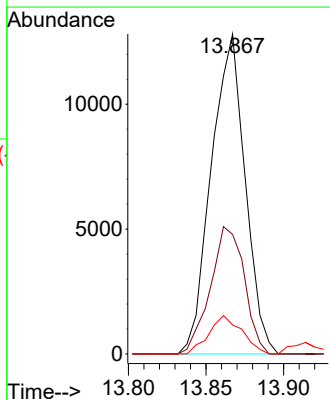
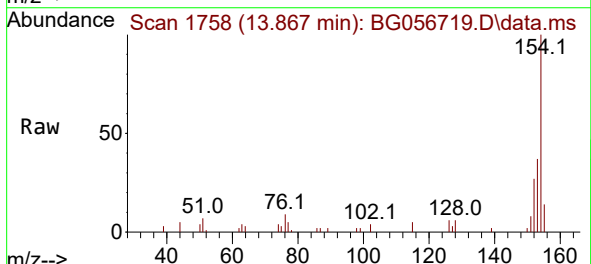
Manual Integrations
APPROVED

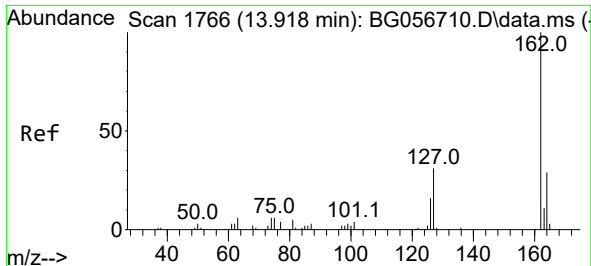
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#43
1,1'-Biphenyl
Concen: 4.310 ng/ul
RT: 13.867 min Scan# 1758
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

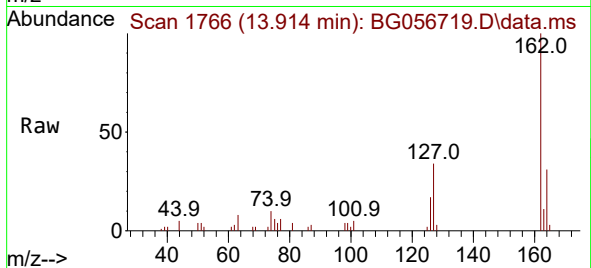
Tgt Ion:154 Resp: 19409
Ion Ratio Lower Upper
154 100
153 37.4 32.0 48.0
76 9.1 9.0 13.4





#44
2-Chloronaphthalene
Concen: 4.294 ng/ul
RT: 13.914 min Scan# 1766
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

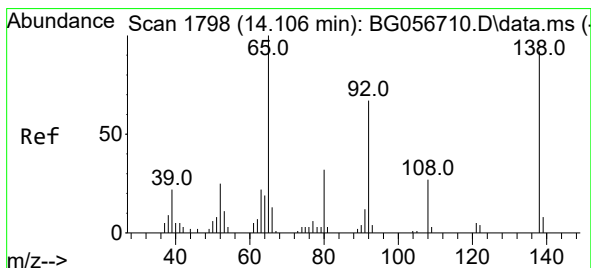
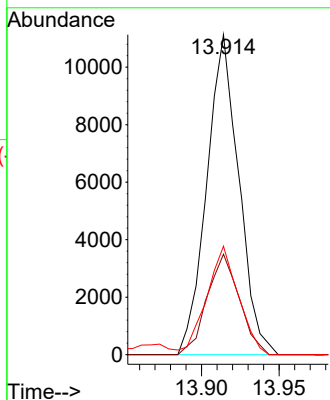
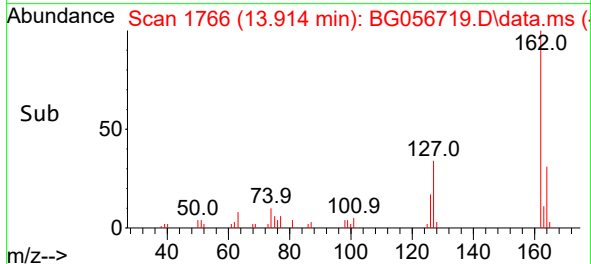
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-01



Tgt Ion:162 Resp: 16000
Ion Ratio Lower Upper
162 100
164 31.4 23.3 34.9
127 33.9 25.8 38.8

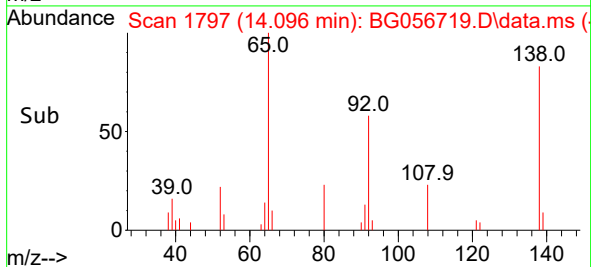
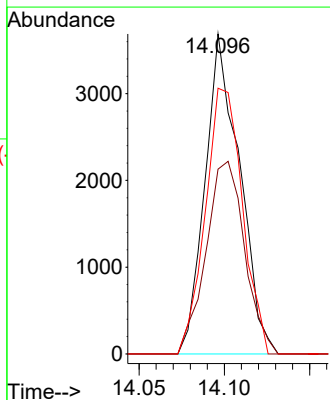
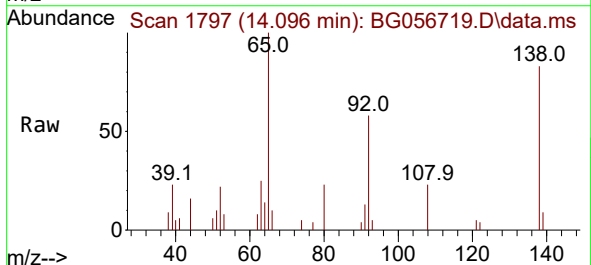
Manual Integrations
APPROVED

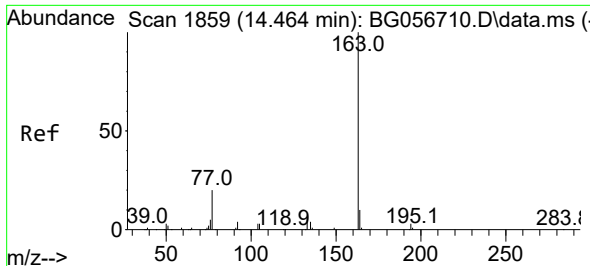
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#45
2-Nitroaniline
Concen: 4.003 ng/ul
RT: 14.096 min Scan# 1797
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

Tgt Ion: 65 Resp: 5177
Ion Ratio Lower Upper
65 100
92 57.8 53.9 80.9
138 83.0 73.8 110.6





#47

Dimethylphthalate

Concen: 4.157 ng/ul

RT: 14.455 min Scan# 1858

Delta R.T. -0.010 min

Lab File: BG056719.D

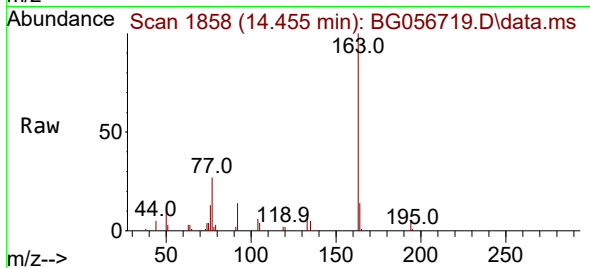
Acq: 24 Feb 2023 12:34

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-01



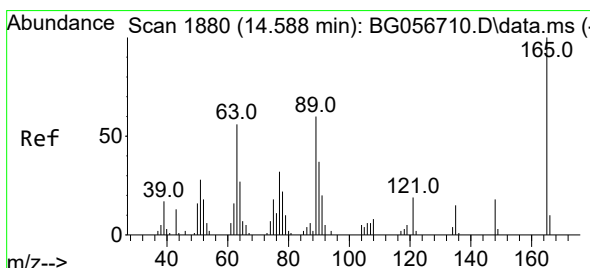
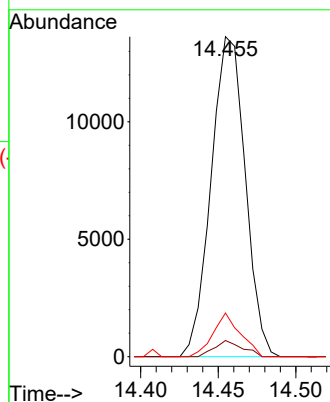
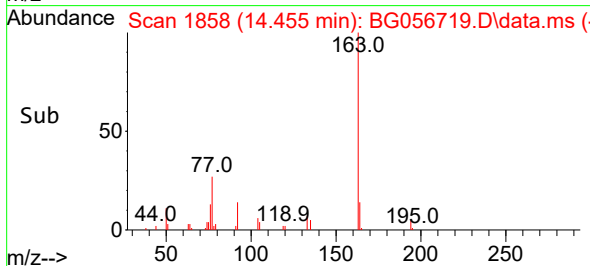
Tgt Ion:	163	Resp:	2088
Ion Ratio	Lower	Upper	
163	100		
194	5.1	2.5	3.7
164	13.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#48

2,6-Dinitrotoluene

Concen: 3.757 ng/ul

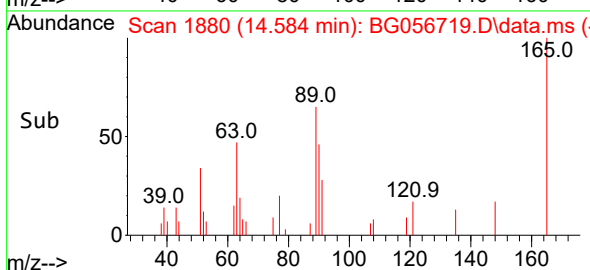
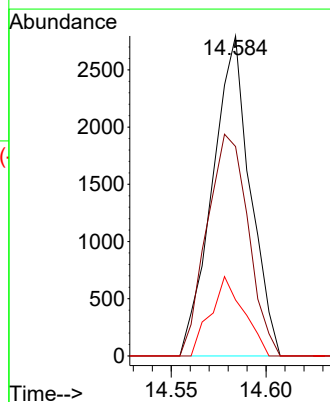
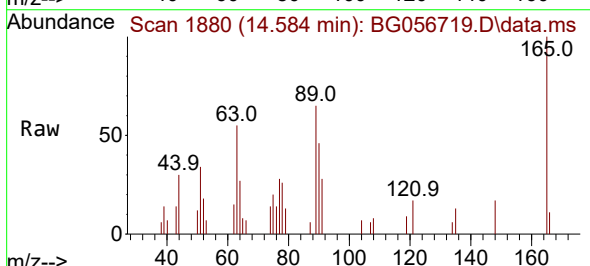
RT: 14.584 min Scan# 1880

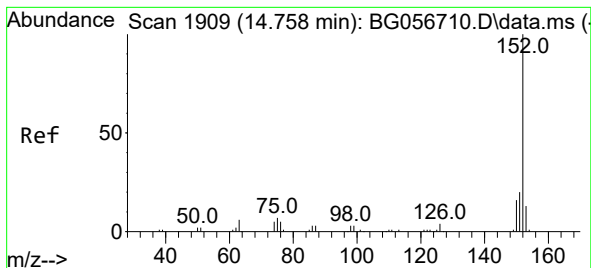
Delta R.T. -0.004 min

Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

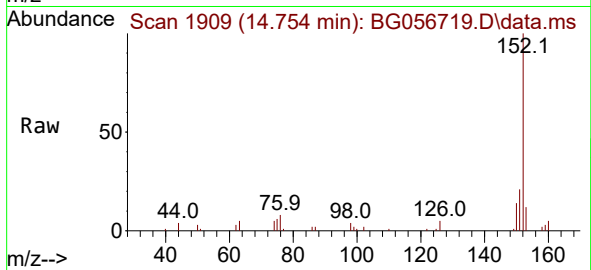
Tgt Ion:	165	Resp:	3870
Ion Ratio	Lower	Upper	
165	100		
89	65.4	48.4	72.6
121	17.5	15.5	23.3





#50
Acenaphthylene
Concen: 4.213 ng/ul
RT: 14.754 min Scan# 1909
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

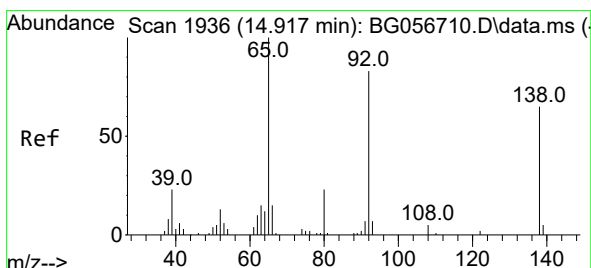
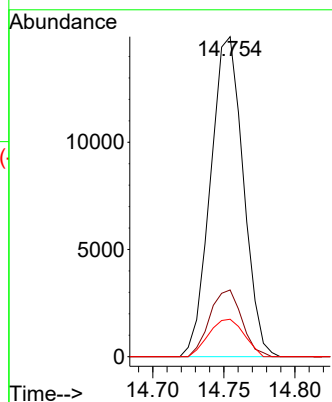
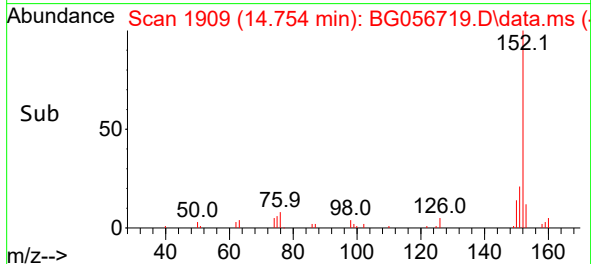
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-01



Tgt Ion:152 Resp: 2390
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.6
153 11.7 10.6 16.0

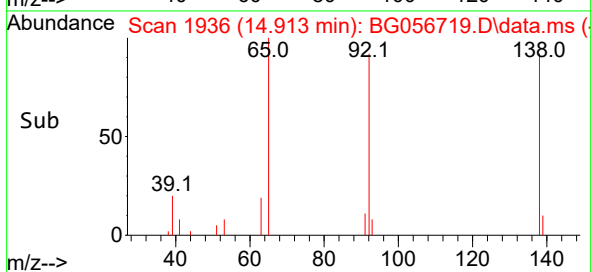
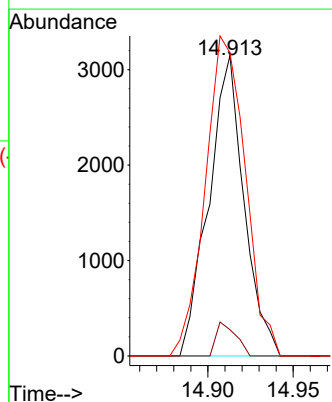
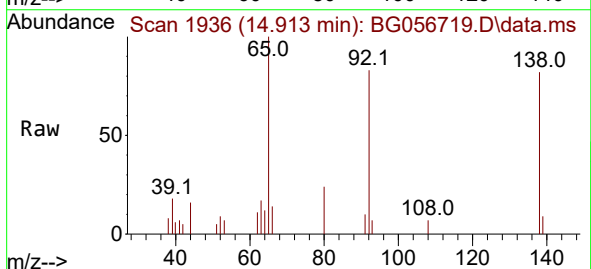
Manual Integrations
APPROVED

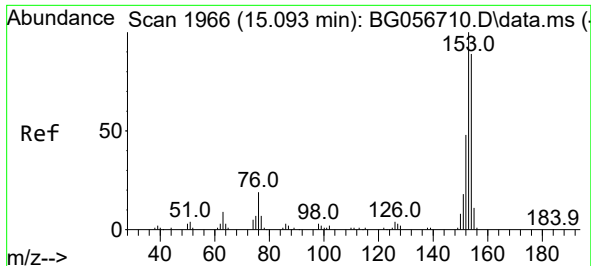
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#51
3-Nitroaniline
Concen: 4.906 ng/ul
RT: 14.913 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

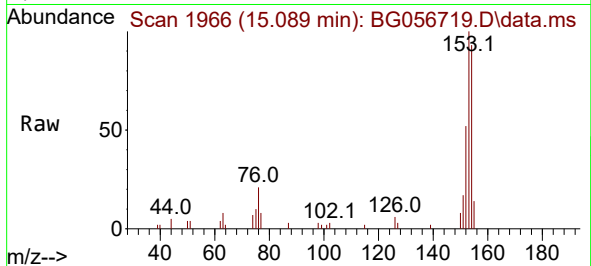
Tgt Ion:138 Resp: 4523
Ion Ratio Lower Upper
138 100
108 8.7 6.5 9.7
92 100.9 102.2 153.2#





#52
Acenaphthene
Concen: 4.161 ng/ul
RT: 15.089 min Scan# 1966
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

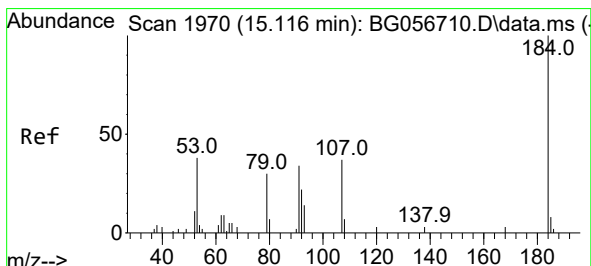
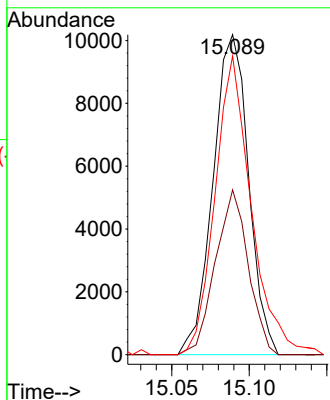
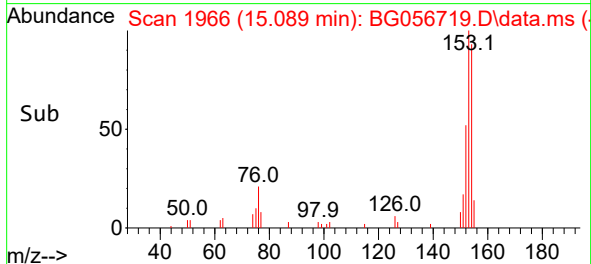
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:153 Resp: 16218
Ion Ratio Lower Upper
153 100
152 51.5 38.6 58.0
154 93.4 70.9 106.3

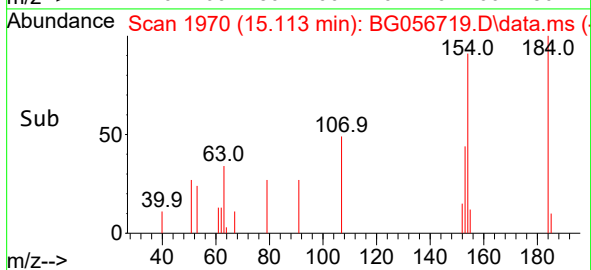
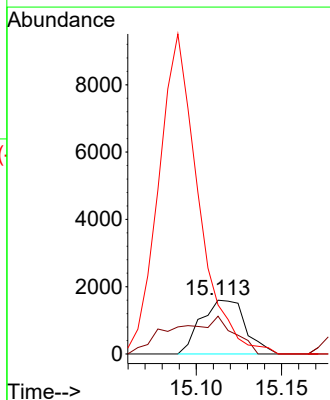
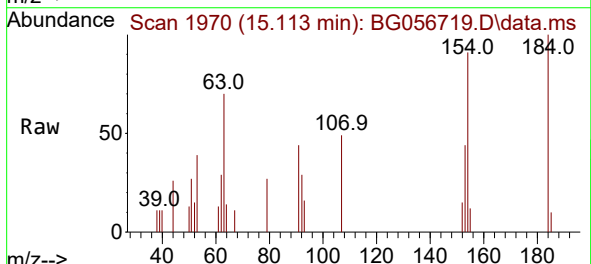
Manual Integrations
APPROVED

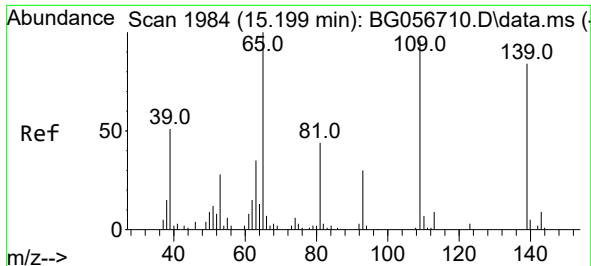
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#53
2,4-Dinitrophenol
Concen: 4.389 ng/ul
RT: 15.113 min Scan# 1970
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

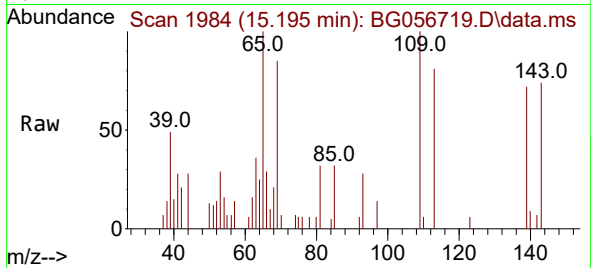
Tgt Ion:184 Resp: 2896
Ion Ratio Lower Upper
184 100
63 70.5 43.8 65.6#
154 91.1 66.8 100.2





#55
4-Nitrophenol
Concen: 3.964 ng/ul
RT: 15.195 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

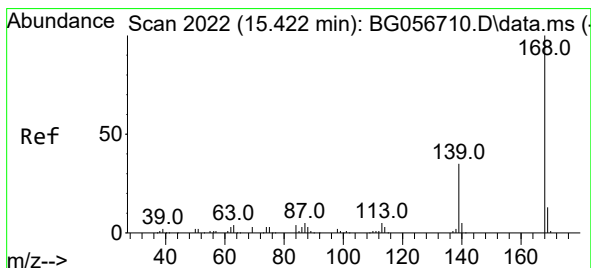
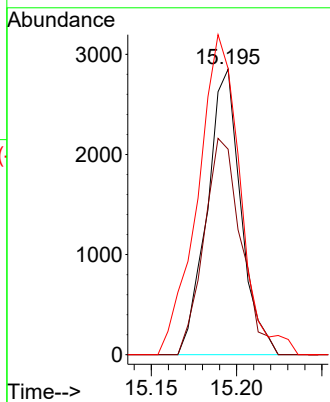
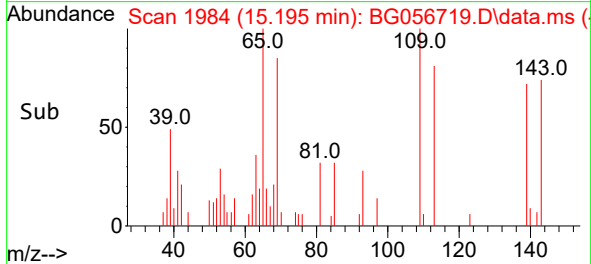
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:109 Resp: 3909
Ion Ratio Lower Upper
109 100
139 71.9 71.2 106.8
65 100.2 85.1 127.7

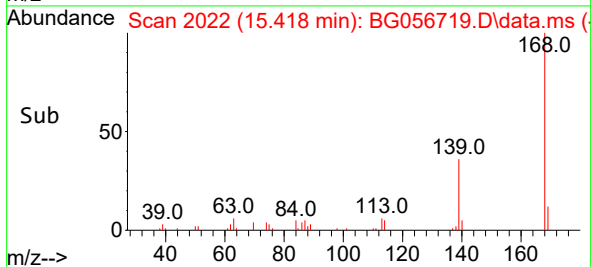
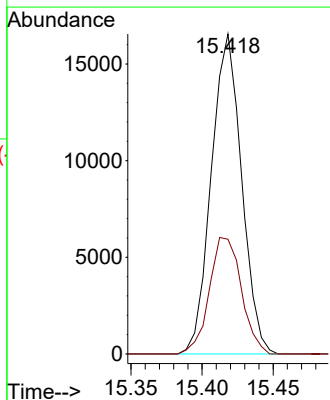
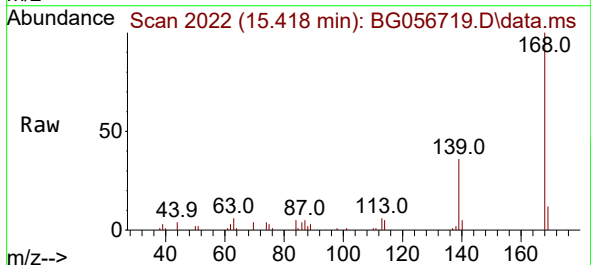
Manual Integrations
APPROVED

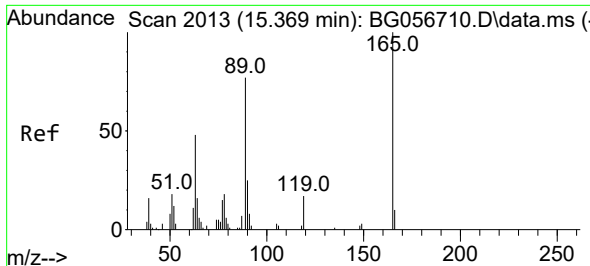
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#56
Dibenzofuran
Concen: 4.145 ng/ul
RT: 15.418 min Scan# 2022
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

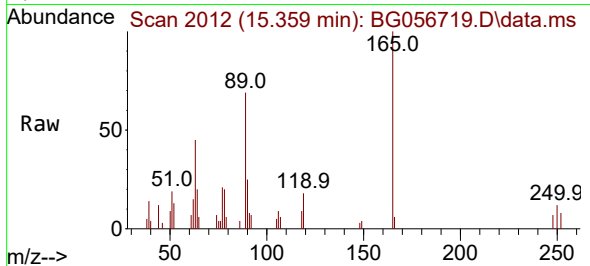
Tgt Ion:168 Resp: 24520
Ion Ratio Lower Upper
168 100
139 35.9 28.2 42.2





#57
2,4-Dinitrotoluene
Concen: 4.321 ng/ul
RT: 15.359 min Scan# 2013
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

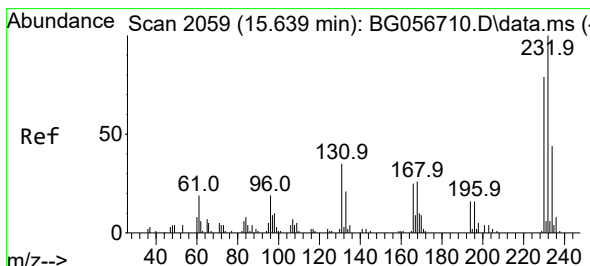
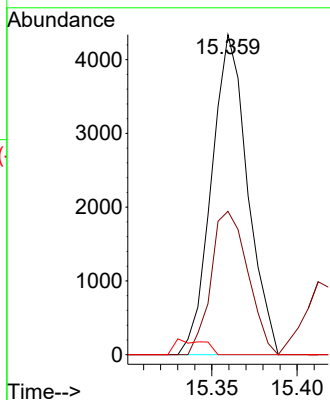
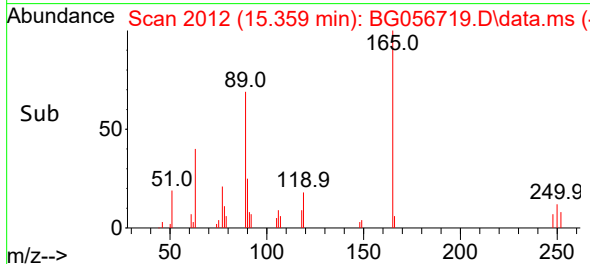
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:165 Resp: 638
Ion Ratio Lower Upper
165 100
63 44.8 38.6 58.0
182 0.0 1.8 2.8

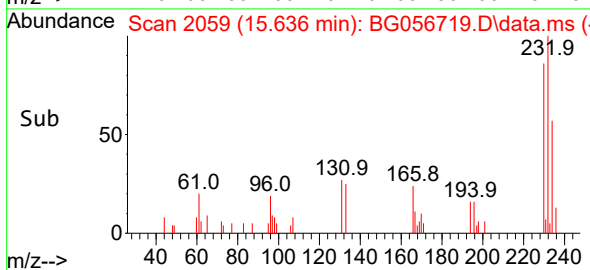
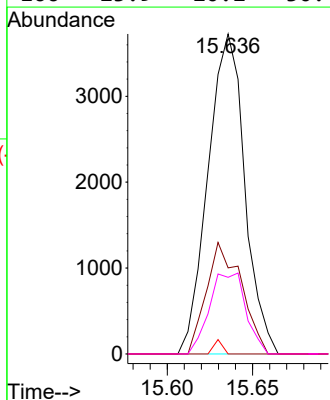
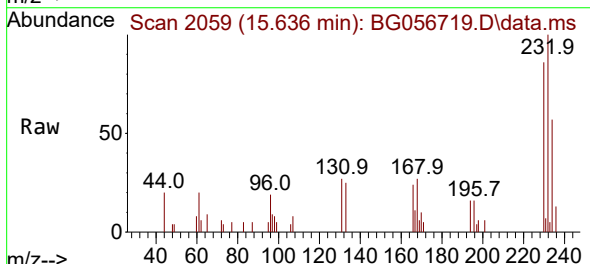
Manual Integrations
APPROVED

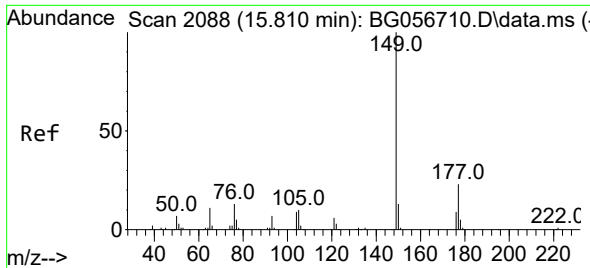
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.802 ng/ul
RT: 15.636 min Scan# 2059
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

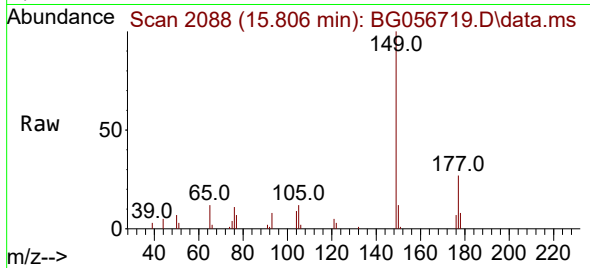
Tgt Ion:232 Resp: 5573
Ion Ratio Lower Upper
232 100
131 26.9 27.8 41.8#
130 0.0 1.8 2.6#
166 23.9 20.2 30.4





#59
Diethylphthalate
Concen: 4.247 ng/ul
RT: 15.806 min Scan# 2088
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

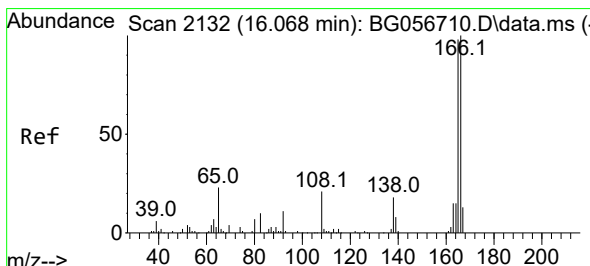
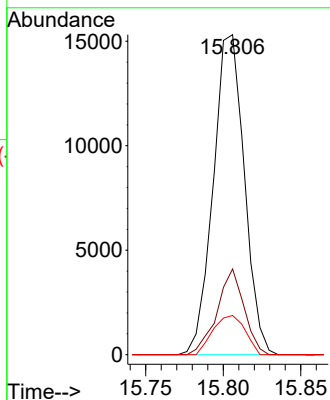
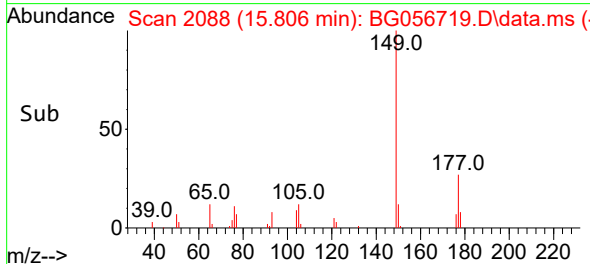
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:149 Resp: 21360
Ion Ratio Lower Upper
149 100
177 26.8 18.6 28.0
150 12.2 10.7 16.1

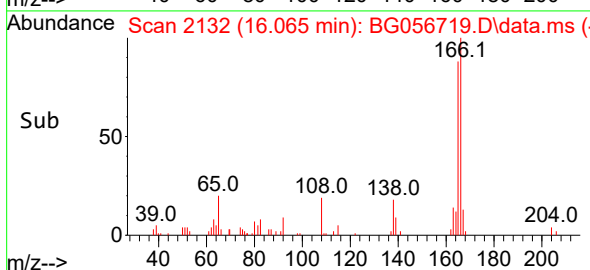
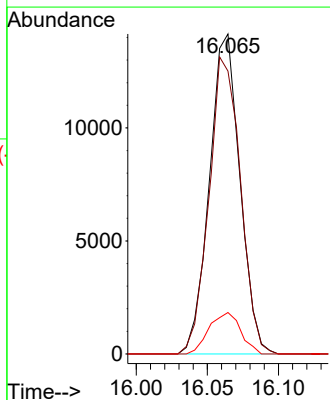
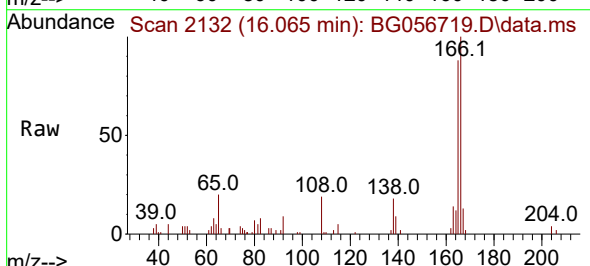
Manual Integrations
APPROVED

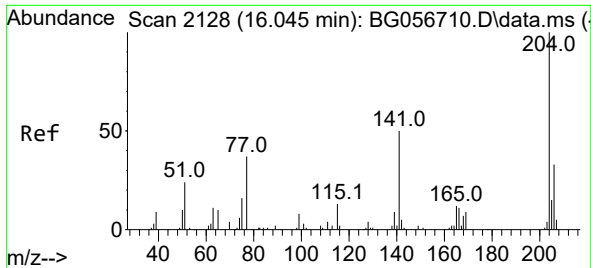
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#61
Fluorene
Concen: 4.456 ng/ul
RT: 16.065 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

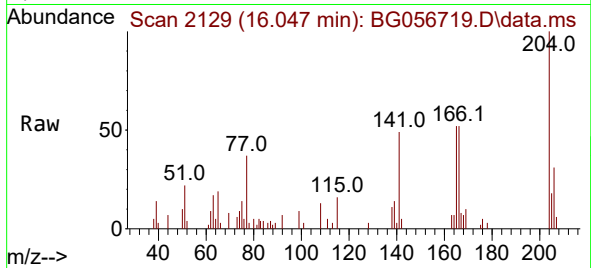
Tgt Ion:166 Resp: 21110
Ion Ratio Lower Upper
166 100
165 88.4 78.4 117.6
167 12.9 10.5 15.7





#62
4-Chlorophenyl-phenylether
Concen: 4.214 ng/ul
RT: 16.047 min Scan# 2128
Delta R.T. 0.002 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

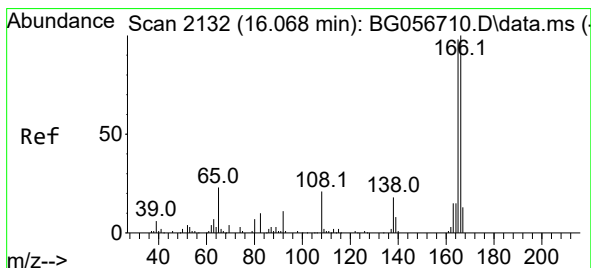
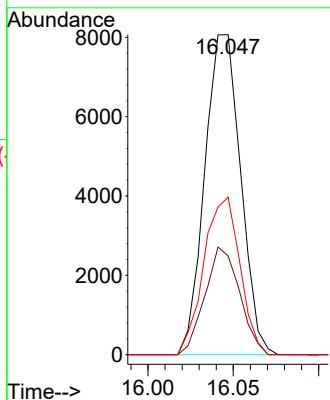
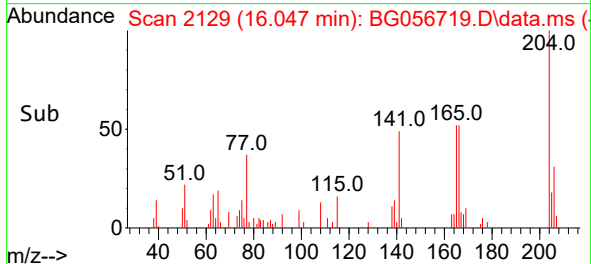
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:204 Resp: 1182
Ion Ratio Lower Upper
204 100
206 30.8 26.1 39.1
141 49.2 39.7 59.5

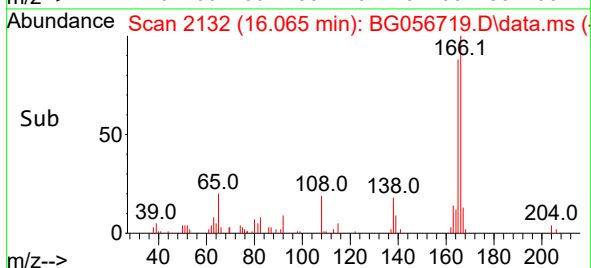
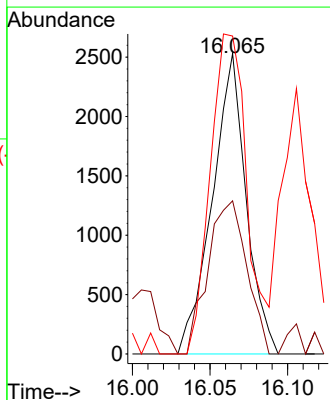
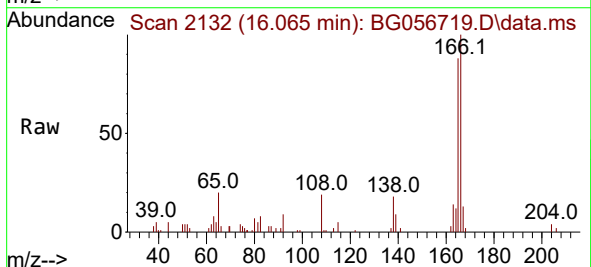
Manual Integrations
APPROVED

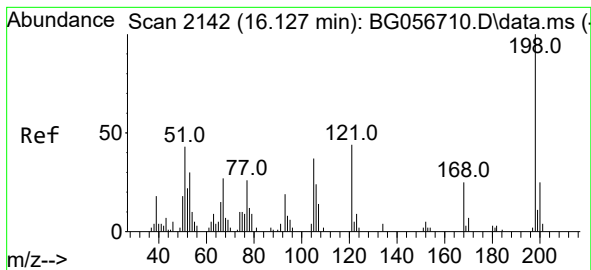
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#63
4-Nitroaniline
Concen: 4.259 ng/ul
RT: 16.065 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

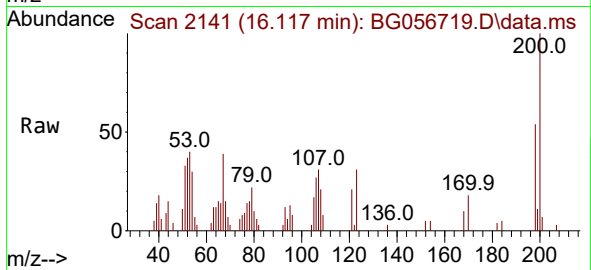
Tgt Ion:138 Resp: 3836
Ion Ratio Lower Upper
138 100
92 51.0 48.6 73.0
108 105.8 93.0 139.6





#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.470 ng/ul
 RT: 16.117 min Scan# 2141
 Delta R.T. -0.010 min
 Lab File: BG056719.D
 Acq: 24 Feb 2023 12:34

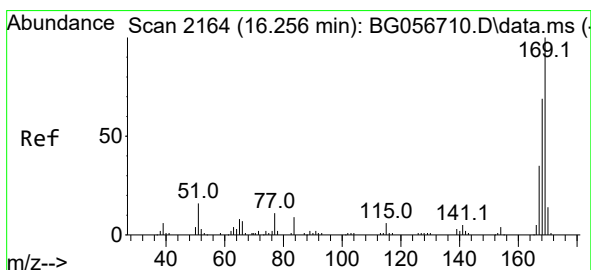
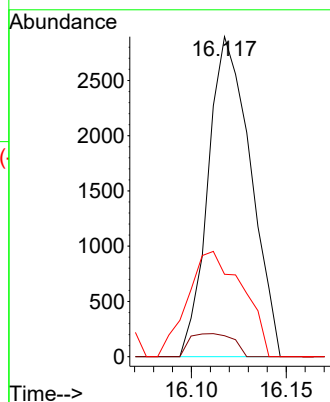
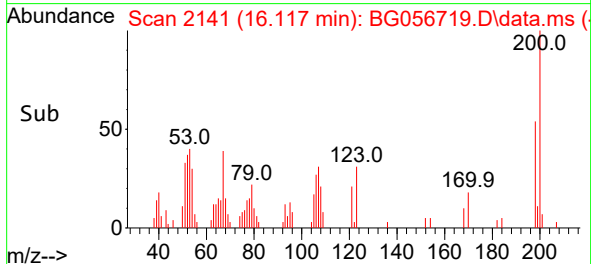
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2023-01



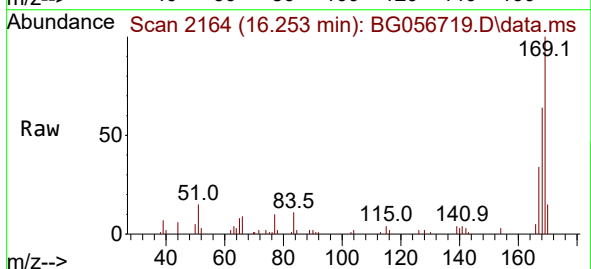
Tgt Ion:198 Resp: 451
 Ion Ratio Lower Upper
 198 100
 182 6.5 2.4 3.6
 77 25.8 21.0 31.6

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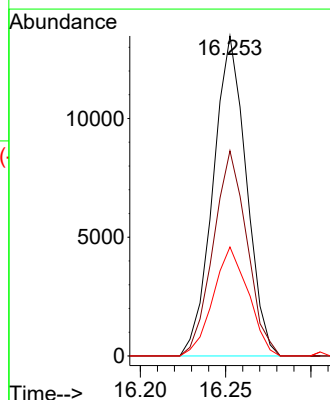
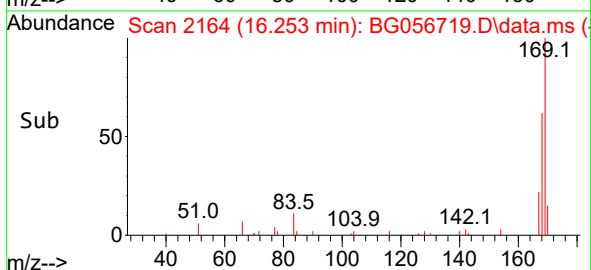
Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

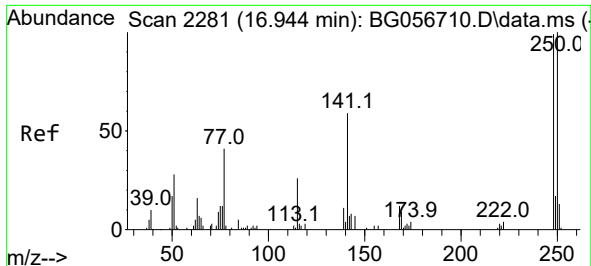


#67
 N-Nitrosodiphenylamine
 Concen: 4.180 ng/ul
 RT: 16.253 min Scan# 2164
 Delta R.T. -0.004 min
 Lab File: BG056719.D
 Acq: 24 Feb 2023 12:34



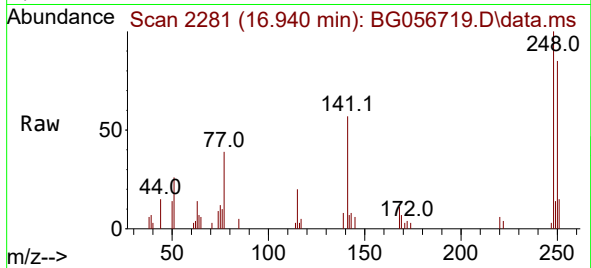
Tgt Ion:169 Resp: 18231
 Ion Ratio Lower Upper
 169 100
 168 64.1 55.1 82.7
 167 34.1 28.3 42.5





#68
4-Bromophenyl-phenylether
Concen: 4.178 ng/ul
RT: 16.940 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

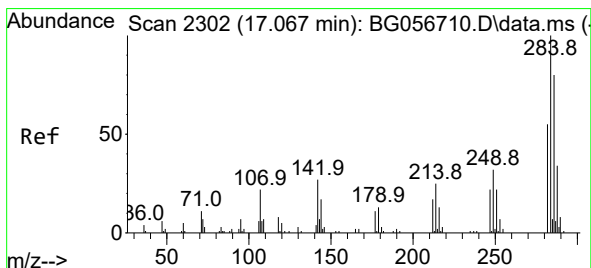
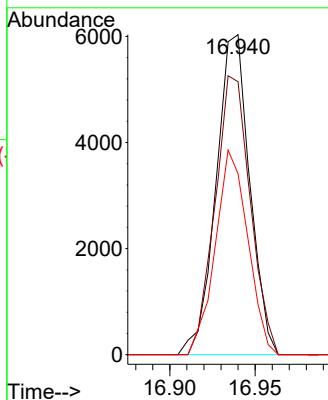
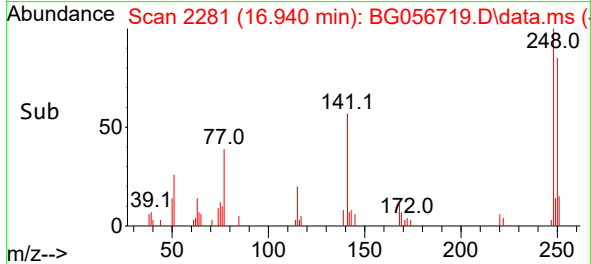
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:248 Resp: 830
Ion Ratio Lower Upper
248 100
250 85.3 80.4 120.6
141 56.5 47.6 71.4

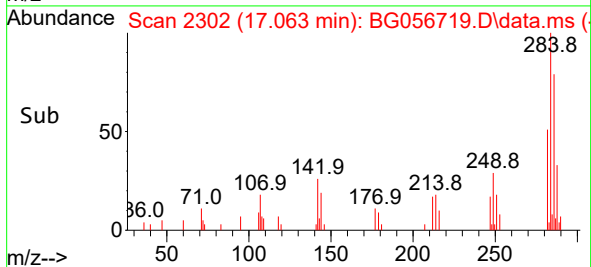
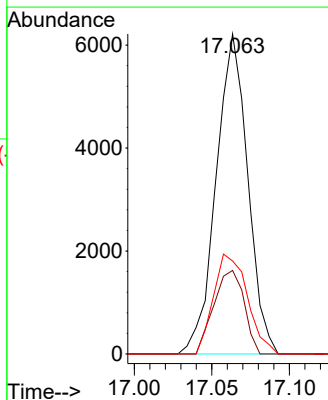
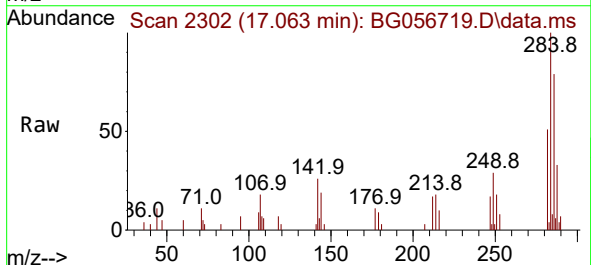
Manual Integrations
APPROVED

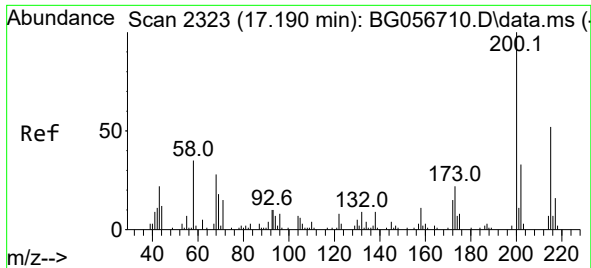
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#69
Hexachlorobenzene
Concen: 4.125 ng/ul
RT: 17.063 min Scan# 2302
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

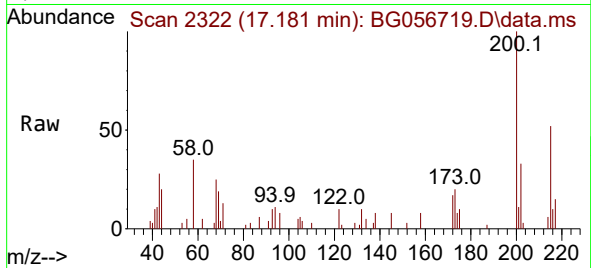
Tgt Ion:284 Resp: 8807
Ion Ratio Lower Upper
284 100
142 24.3 21.8 32.6
249 30.1 25.9 38.9





#70
Atrazine
Concen: 4.562 ng/ul
RT: 17.181 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

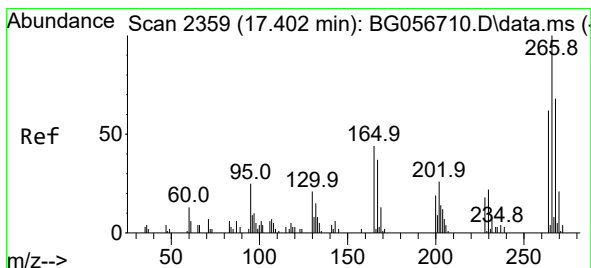
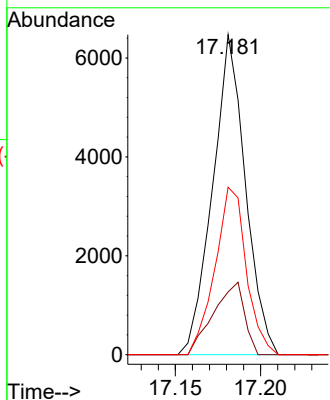
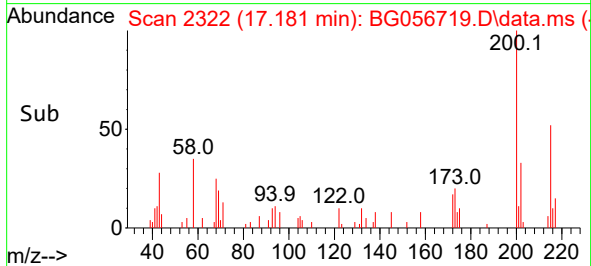
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



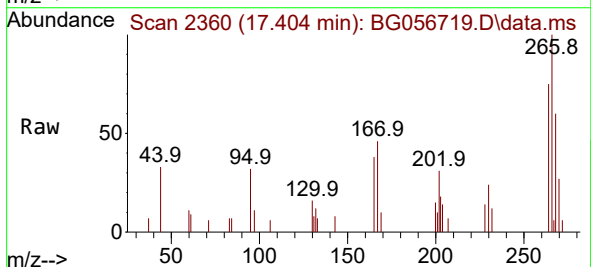
Tgt Ion:200 Resp: 864
Ion Ratio Lower Upper
200 100
173 19.6 17.4 26.0
215 52.3 41.7 62.5

Manual Integrations
APPROVED

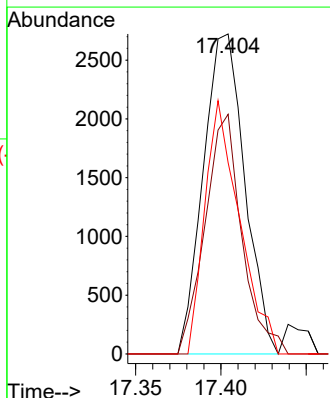
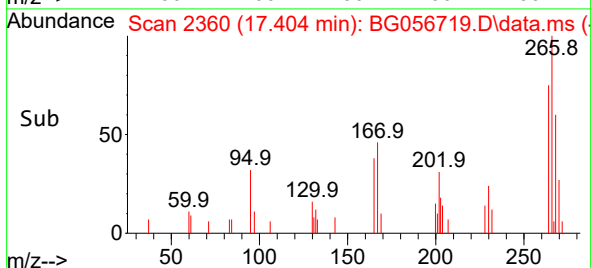
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

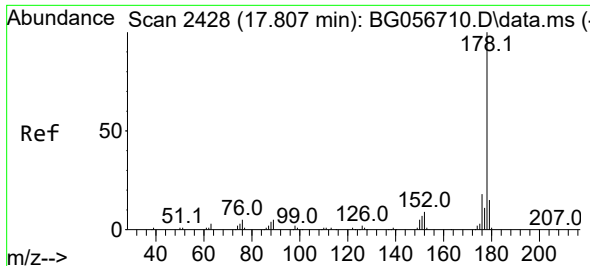


#71
Pentachlorophenol
Concen: 3.798 ng/ul
RT: 17.404 min Scan# 2360
Delta R.T. 0.002 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34



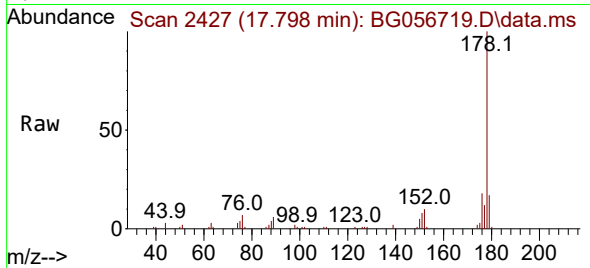
Tgt Ion:266 Resp: 4605
Ion Ratio Lower Upper
266 100
264 74.9 49.9 74.9#
268 59.8 54.5 81.7





#72
Phenanthrene
Concen: 4.221 ng/ul
RT: 17.798 min Scan# 2427
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

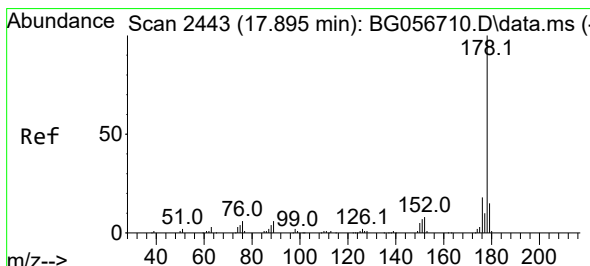
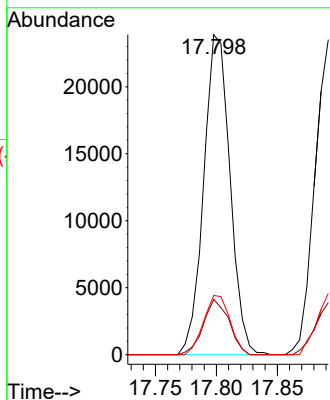
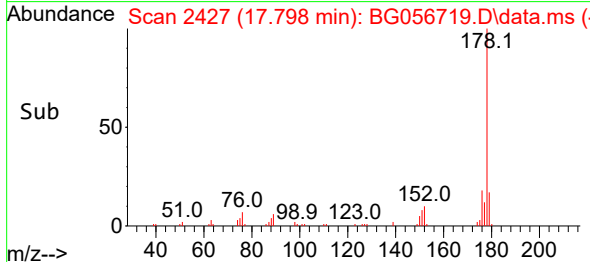
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



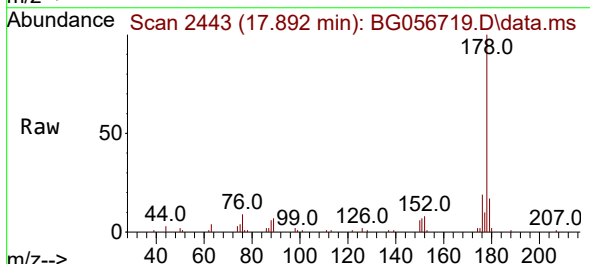
Tgt Ion:178 Resp: 3586
Ion Ratio Lower Upper
178 100
179 17.3 12.1 18.1
176 18.5 14.4 21.6

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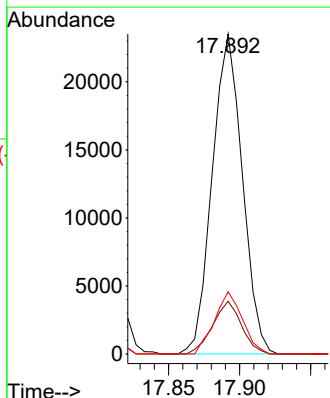
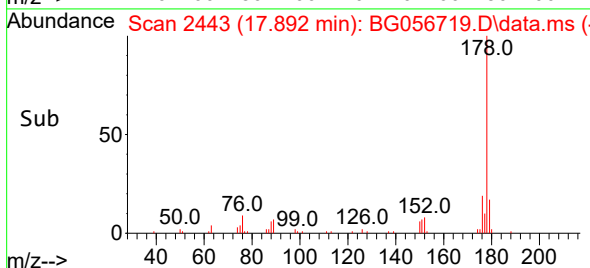
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

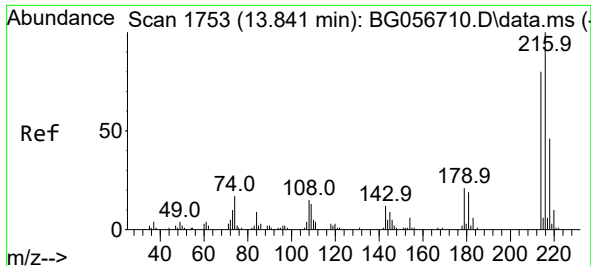


#74
Anthracene
Concen: 4.030 ng/ul
RT: 17.892 min Scan# 2443
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34



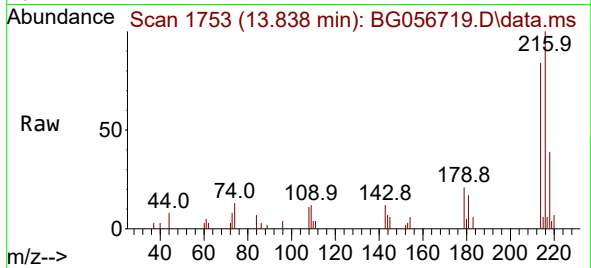
Tgt Ion:178 Resp: 34595
Ion Ratio Lower Upper
178 100
179 16.5 12.1 18.1
176 19.5 14.1 21.1





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.628 ng/uL
RT: 13.838 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

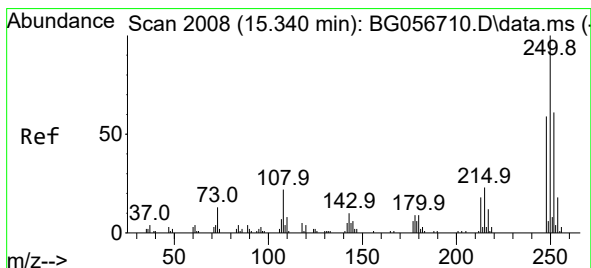
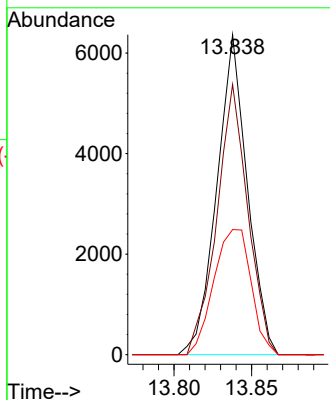
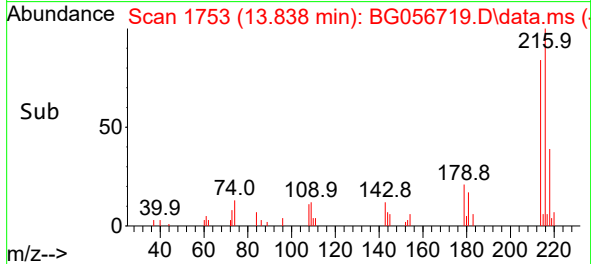
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



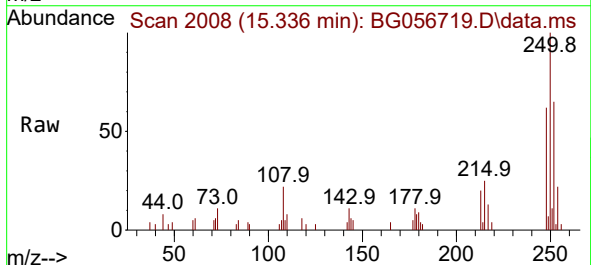
Tgt Ion:216 Resp: 8704
Ion Ratio Lower Upper
216 100
214 84.5 64.2 96.2
218 39.1 36.6 54.8

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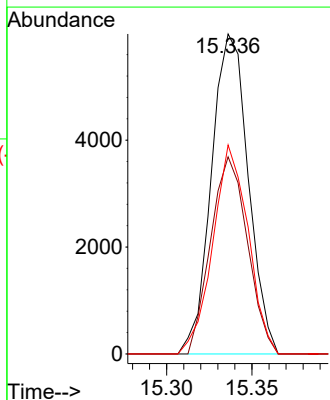
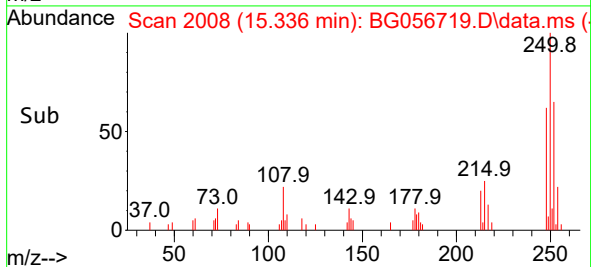
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

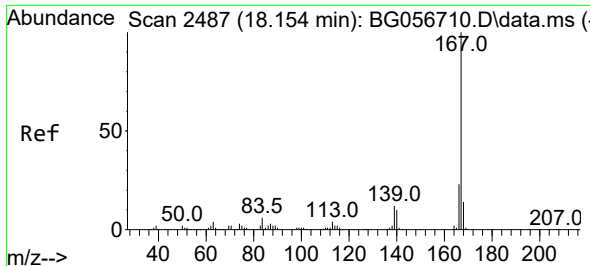


#76
Pentachlorobenzene
Concen: 3.700 ng/uL
RT: 15.336 min Scan# 2008
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34



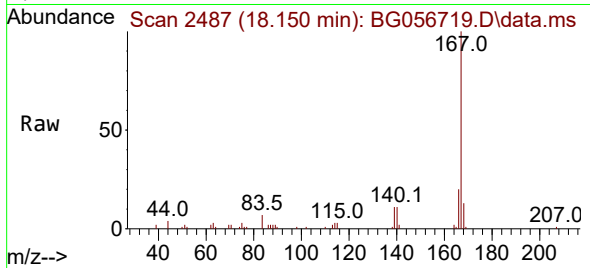
Tgt Ion:250 Resp: 9004
Ion Ratio Lower Upper
250 100
248 61.6 47.1 70.7
252 65.3 52.4 78.6





#77
 Carbazole
 Concen: 4.410 ng/ul
 RT: 18.150 min Scan# 2487
 Delta R.T. -0.004 min
 Lab File: BG056719.D
 Acq: 24 Feb 2023 12:34

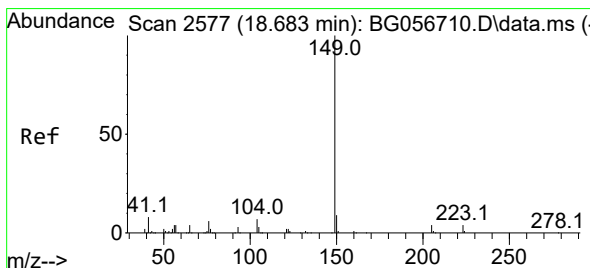
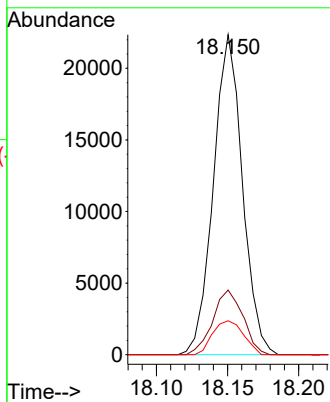
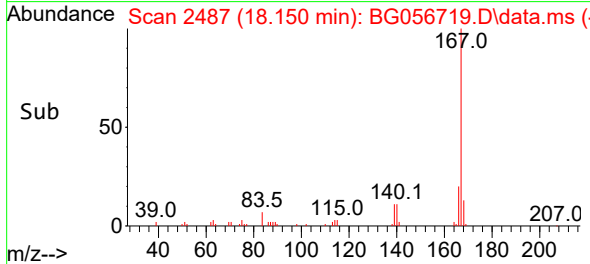
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2023-01



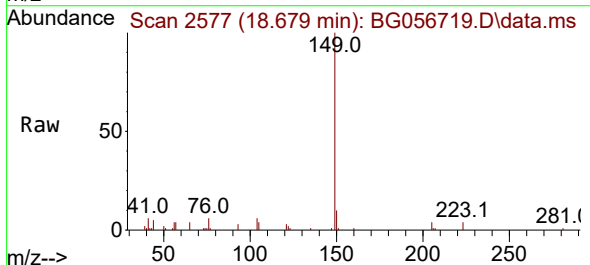
Tgt Ion:167 Resp: 31680
 Ion Ratio Lower Upper
 167 100
 166 20.2 18.2 27.2
 139 10.6 9.8 14.8

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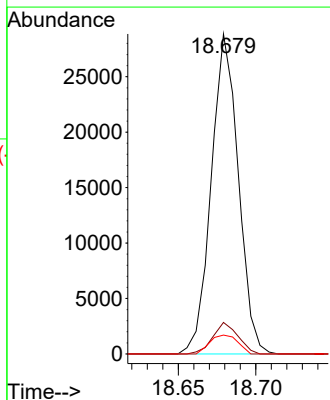
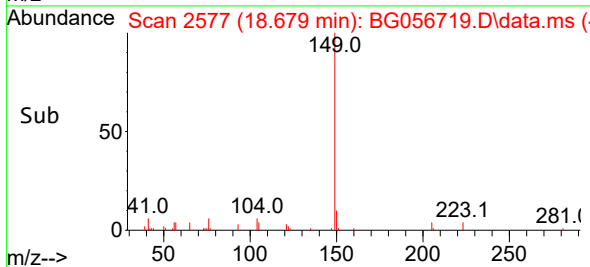
Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

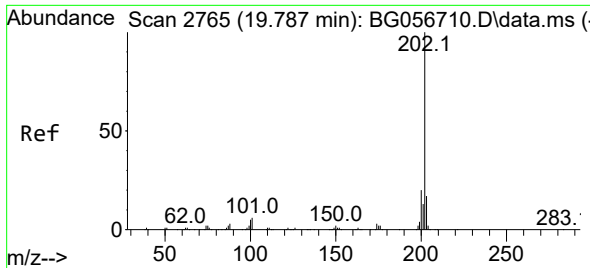


#78
 Di-n-butylphthalate
 Concen: 4.230 ng/ul
 RT: 18.679 min Scan# 2577
 Delta R.T. -0.004 min
 Lab File: BG056719.D
 Acq: 24 Feb 2023 12:34



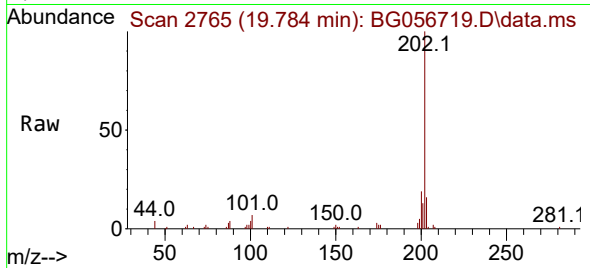
Tgt Ion:149 Resp: 35016
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.0
 104 5.9 5.4 8.2





#80
Fluoranthene
Concen: 3.853 ng/ul
RT: 19.784 min Scan# 2765
Delta R.T. -0.004 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

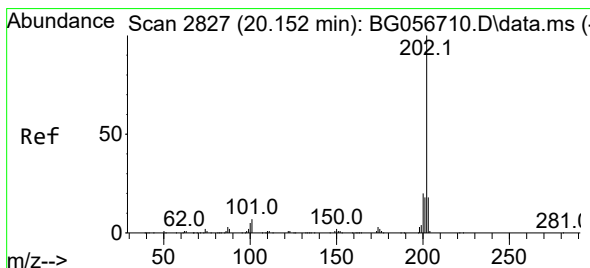
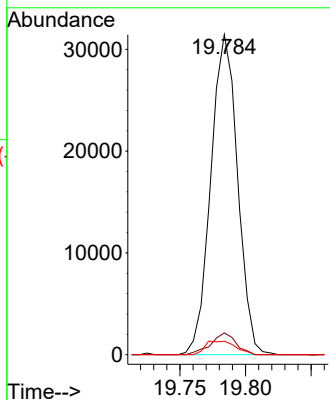
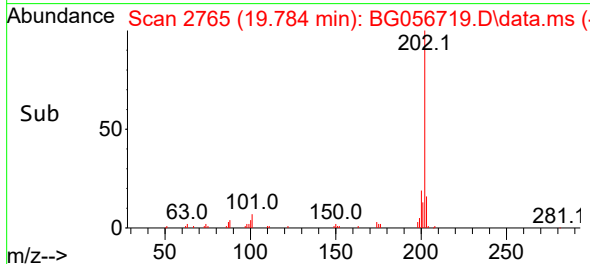
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



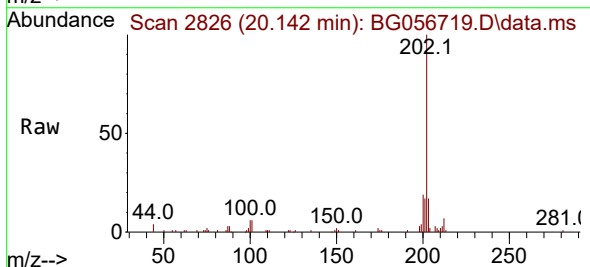
Tgt Ion:202 Resp: 44640
Ion Ratio Lower Upper
202 100
101 6.8 4.7 7.1
100 4.2 4.4 6.6

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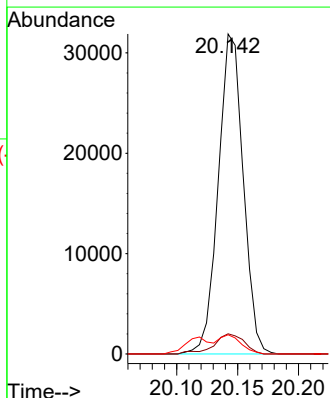
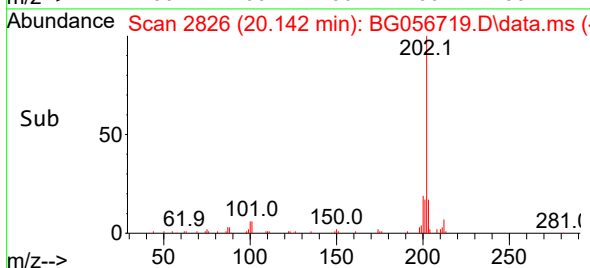
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

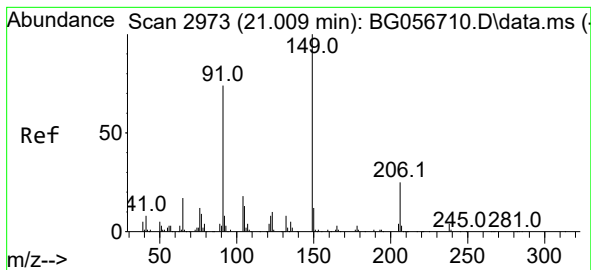


#82
Pyrene
Concen: 3.986 ng/ul
RT: 20.142 min Scan# 2826
Delta R.T. -0.010 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34



Tgt Ion:202 Resp: 45491
Ion Ratio Lower Upper
202 100
101 6.3 5.3 7.9
100 6.0 4.6 7.0





#83

Butylbenzylphthalate

Concen: 4.075 ng/ul

RT: 21.006 min Scan# 2973

Delta R.T. -0.004 min

Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-01

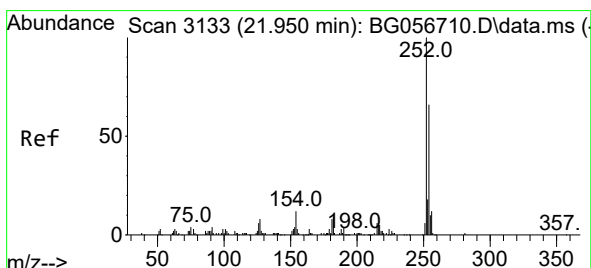
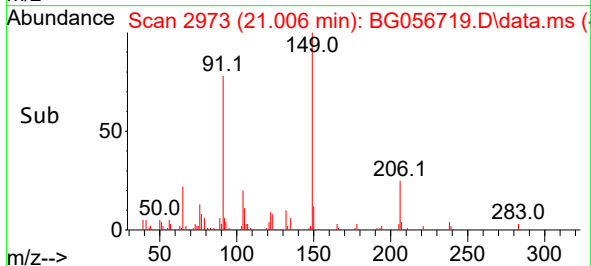
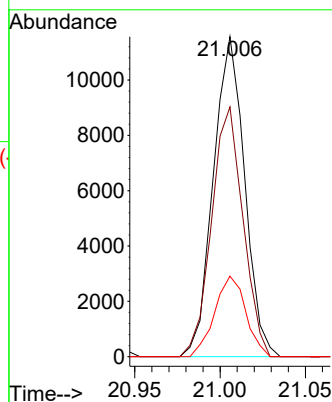
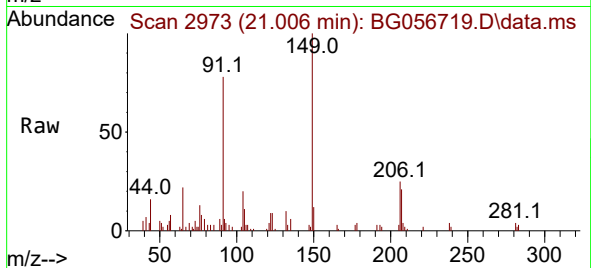
Tgt Ion:	149	Resp:	1475
Ion Ratio	Lower	Upper	
149	100		
91	78.1	59.3	88.9
206	25.2	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.482 ng/ul

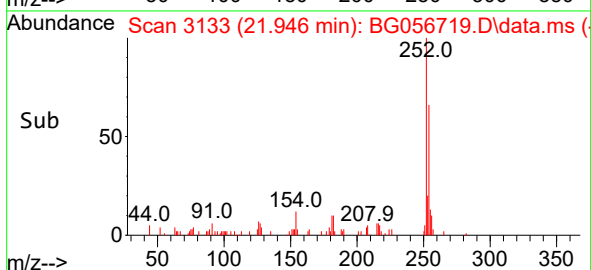
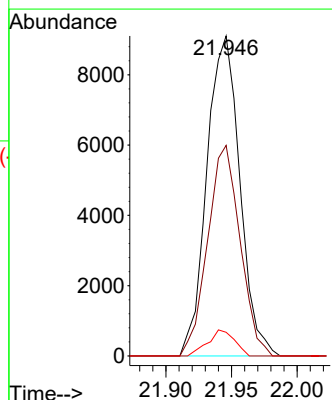
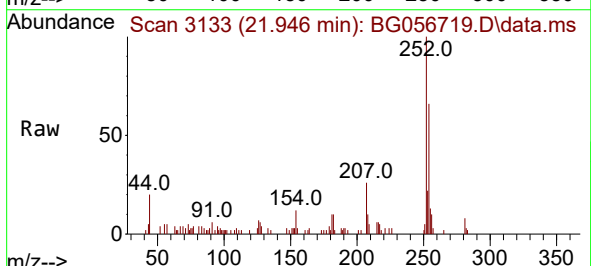
RT: 21.946 min Scan# 3133

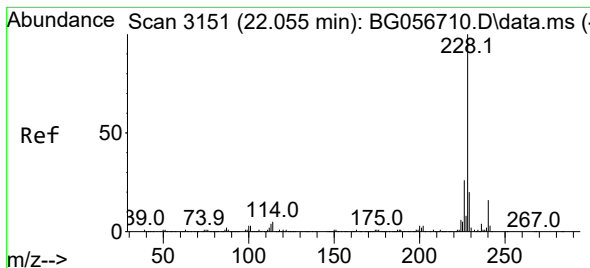
Delta R.T. -0.004 min

Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

Tgt Ion:	252	Resp:	15910
Ion Ratio	Lower	Upper	
252	100		
254	65.8	52.6	78.8
126	7.4	5.0	7.6





#85

Benzo(a)anthracene

Concen: 4.018 ng/ul

RT: 22.046 min Scan# 3150

Delta R.T. -0.010 min

Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-01

Tgt Ion:228 Resp: 41408

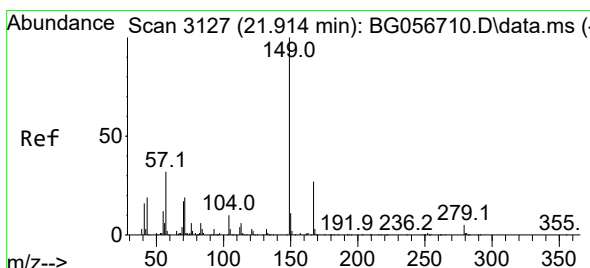
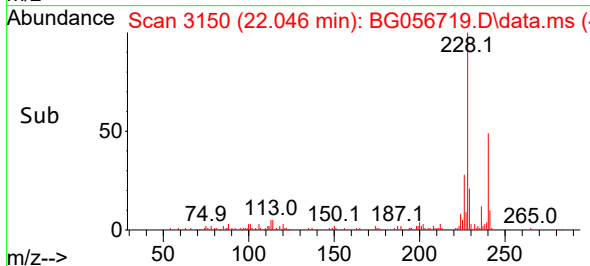
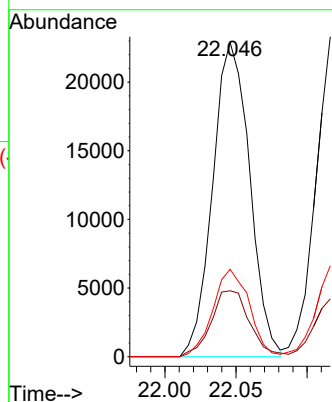
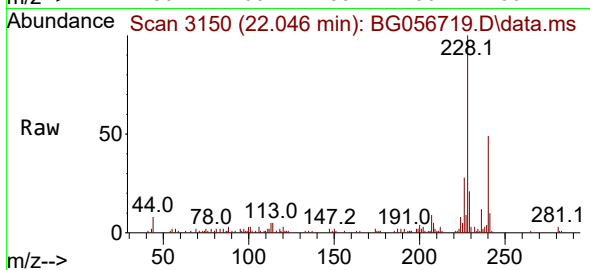
Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.4
226	27.8	20.6	31.0

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.214 ng/ul

RT: 21.911 min Scan# 3127

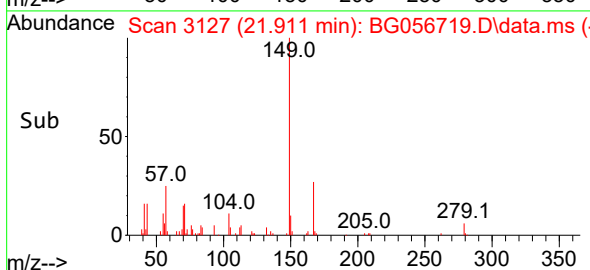
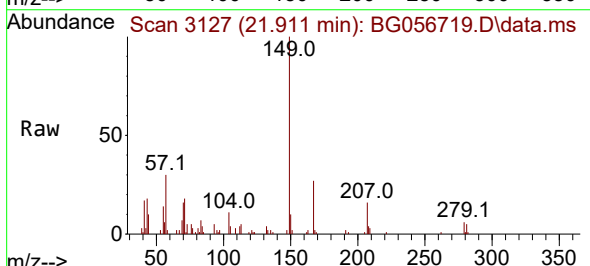
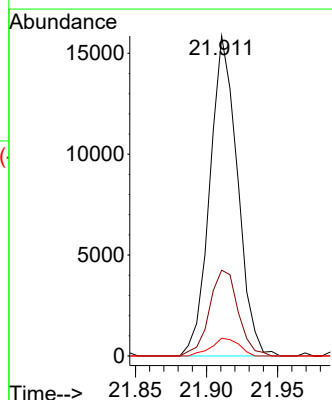
Delta R.T. -0.004 min

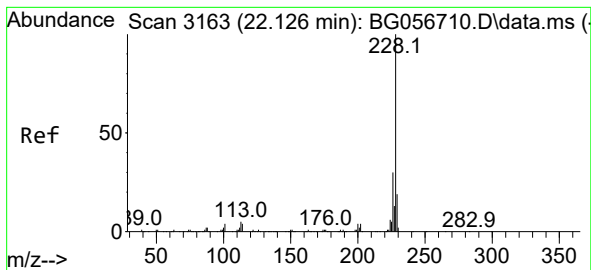
Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

Tgt Ion:149 Resp: 21432

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	5.5	4.2	6.2





#87

Chrysene

Concen: 4.126 ng/ul

RT: 22.116 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-01

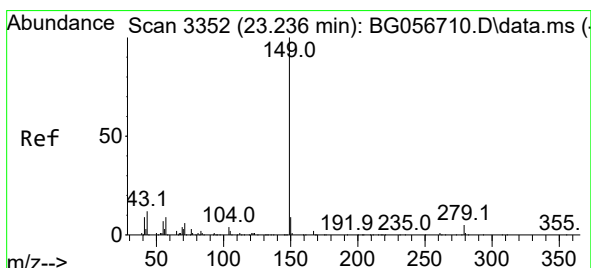
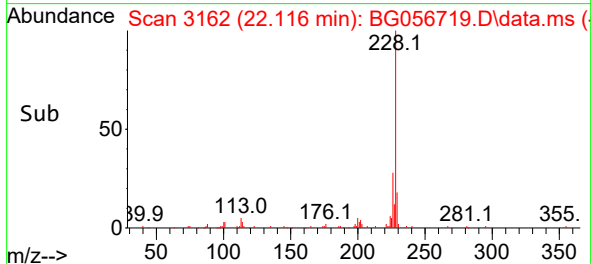
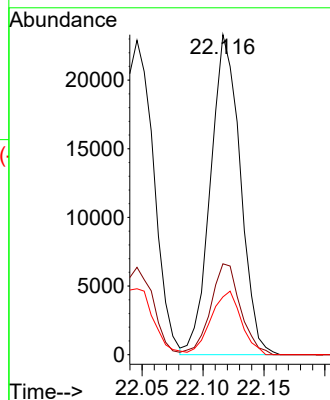
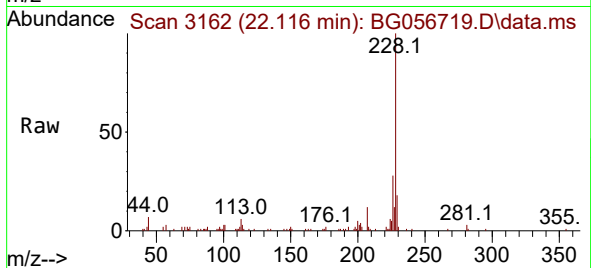
Tgt Ion:228 Resp: 39597
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.6 35.4
 229 18.1 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2023

Supervised By :Jagrut Upadhyay 02/27/2023



#89

Di-n-octyl phthalate

Concen: 4.746 ng/ul

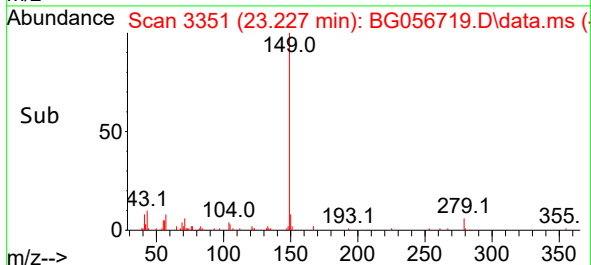
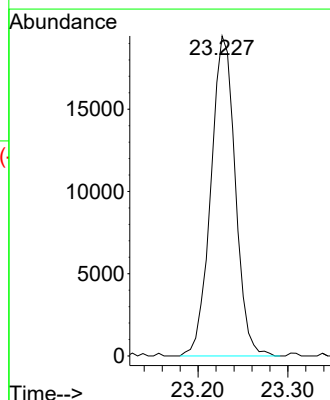
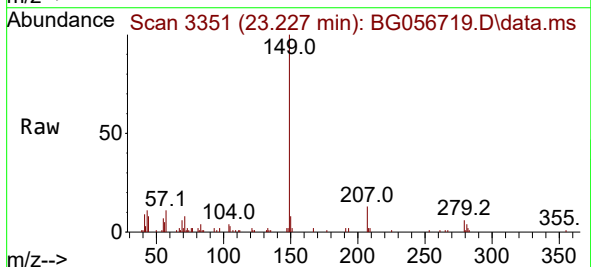
RT: 23.227 min Scan# 3351

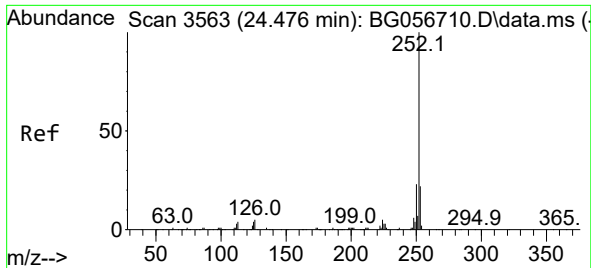
Delta R.T. -0.010 min

Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

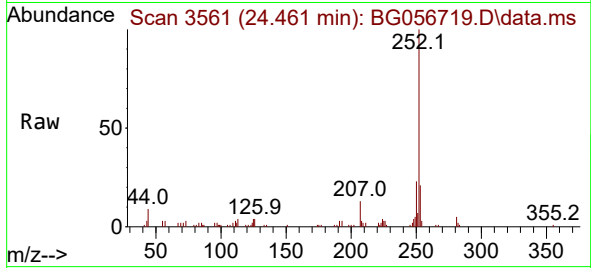
Tgt Ion:149 Resp: 36730





#90
Benzo(b)fluoranthene
Concen: 4.532 ng/ul
RT: 24.461 min Scan# 3561
Delta R.T. -0.015 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

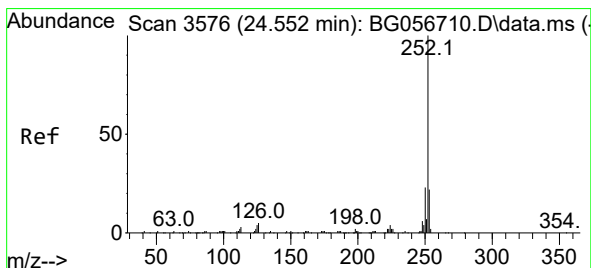
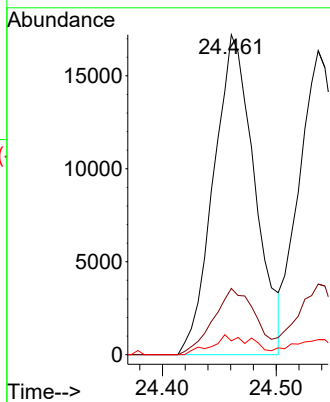
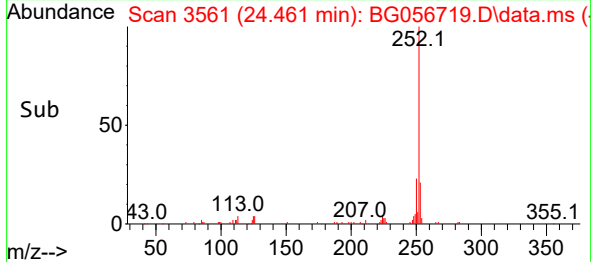
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:252 Resp: 4318
Ion Ratio Lower Upper
252 100
253 20.7 17.4 26.2
125 4.3 3.0 4.6

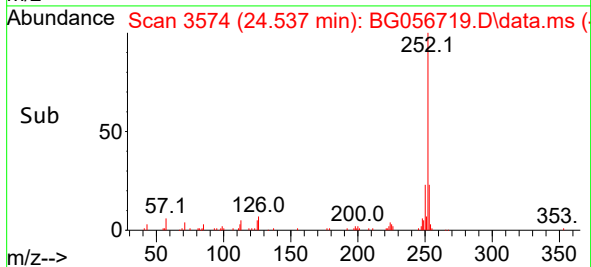
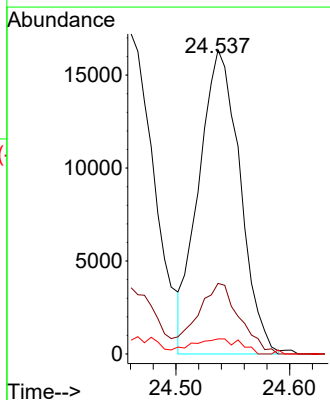
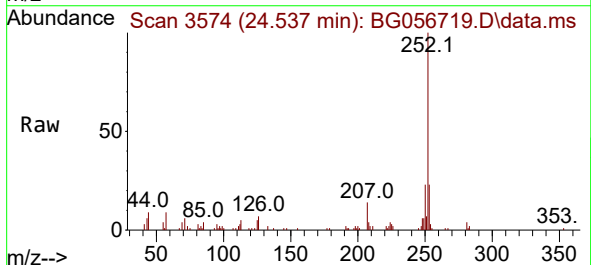
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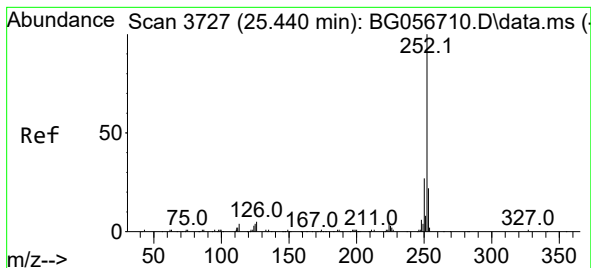
Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023



#91
Benzo(k)fluoranthene
Concen: 4.432 ng/ul
RT: 24.537 min Scan# 3574
Delta R.T. -0.015 min
Lab File: BG056719.D
Acq: 24 Feb 2023 12:34

Tgt Ion:252 Resp: 41133
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 4.9 3.4 5.2





#93

Benzo(a)pyrene

Concen: 4.441 ng/ul

RT: 25.430 min Scan# 3719

Delta R.T. -0.010 min

Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-01

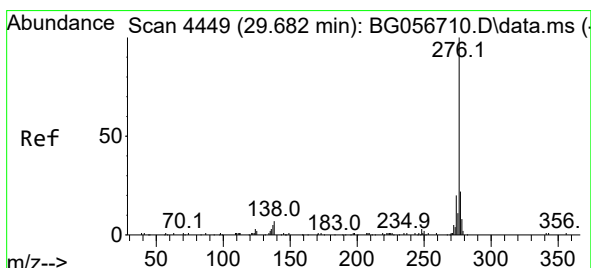
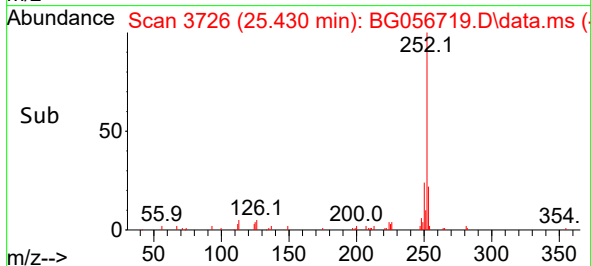
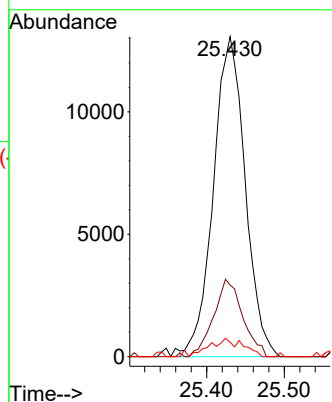
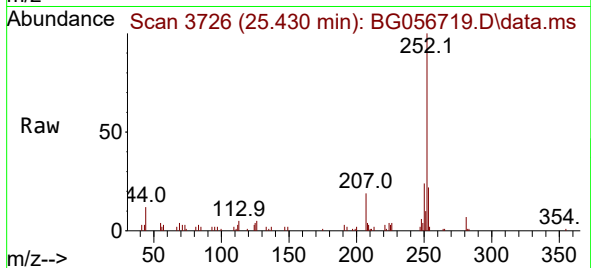
Tgt Ion:	252	Resp:	3719
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	4.5	3.6	5.4

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: 4.308 ng/ul m

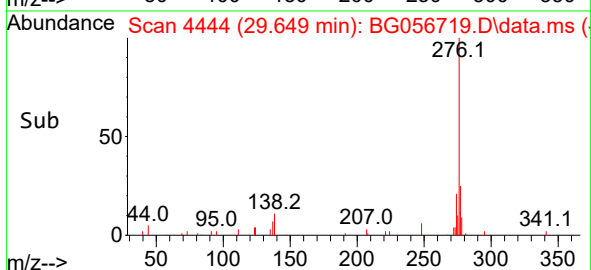
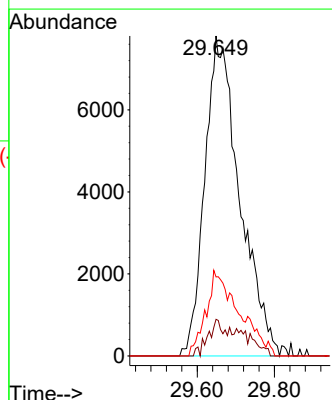
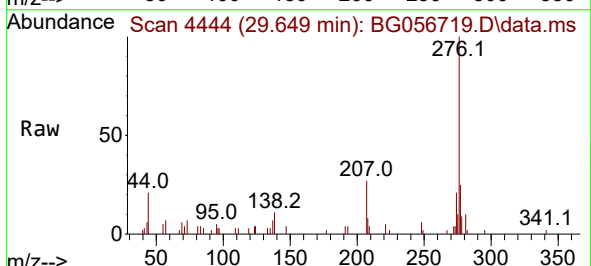
RT: 29.649 min Scan# 4444

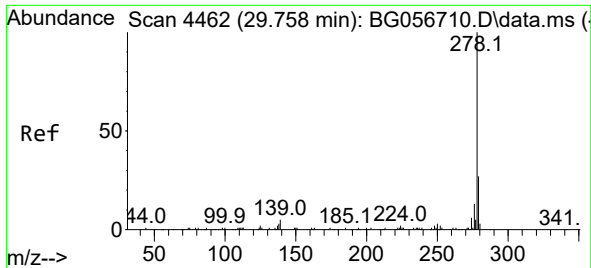
Delta R.T. -0.033 min

Lab File: BG056719.D

Acq: 24 Feb 2023 12:34

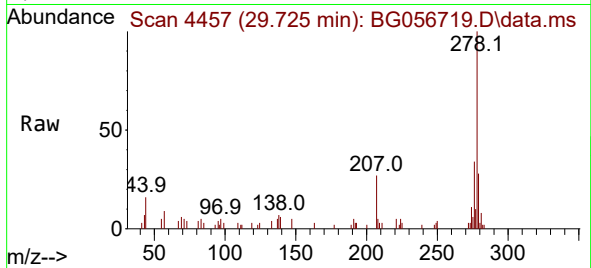
Tgt Ion:	276	Resp:	49014
Ion Ratio	Lower	Upper	
276	100		
138	11.4	5.7	8.5#
277	24.7	18.1	27.1





#95
 Dibenzo(a,h)anthracene
 Concen: 4.254 ng/ul m
 RT: 29.725 min Scan# 4457
 Delta R.T. -0.033 min
 Lab File: BG056719.D
 Acq: 24 Feb 2023 12:34

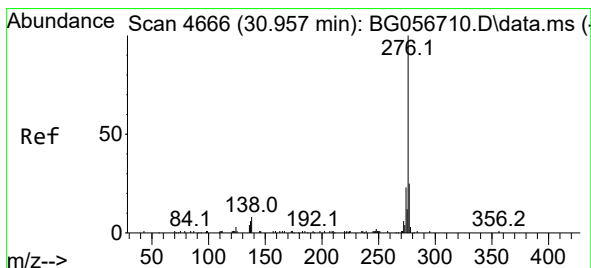
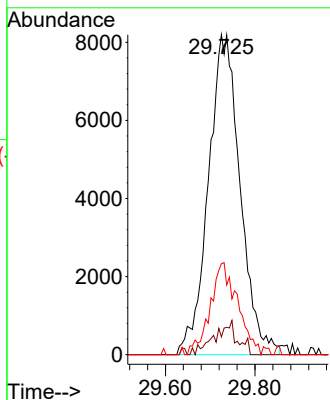
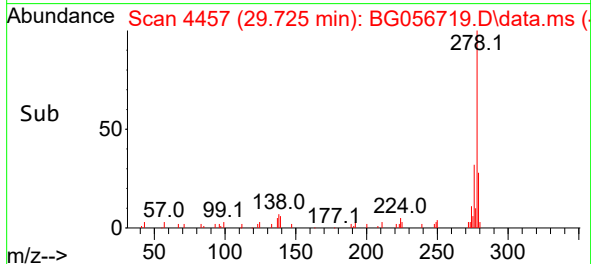
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2023-01



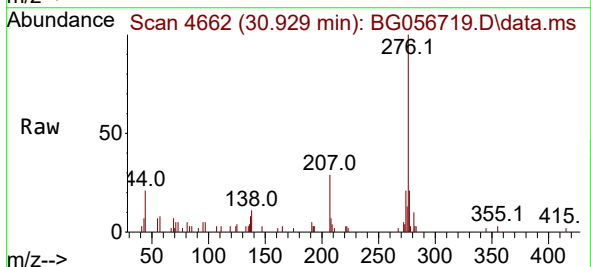
Tgt Ion:278 Resp: 40474
 Ion Ratio Lower Upper
 278 100
 139 5.5 4.3 6.5
 279 28.5 21.7 32.5

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 4.258 ng/ul m
 RT: 30.929 min Scan# 4662
 Delta R.T. -0.027 min
 Lab File: BG056719.D
 Acq: 24 Feb 2023 12:34



Tgt Ion:276 Resp: 38702
 Ion Ratio Lower Upper
 276 100
 138 10.7 6.5 9.7#
 277 20.9 20.7 31.1

