

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010623\
 Data File : BG056222.D
 Acq On : 6 Jan 2023 12:28
 Operator : CG/JU
 Sample : N5388-04
 Misc : SFAM-MDL-S-02-4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT4-2022-08

Quant Time: Jan 06 13:02:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 01:03:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	57500	20.000	ng/ul	0.00
20) Naphthalene-d8	11.164	136	224963	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.942	164	193011	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.680	188	488478	20.000	ng/ul	0.00
79) Chrysene-d12	21.975	240	472174	20.000	ng/ul	0.00
88) Perylene-d12	25.436	264	484253	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.632	96	4744	3.737	ng/uL	0.00
4) Pyridine-d5	4.066	84	44277	10.918	ng/ul	0.00
7) Phenol-d5	7.457	99	79687	15.709	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.639	67	35261	16.951	ng/ul	0.00
11) 2-Chlorophenol-d4	7.856	132	54563	16.075	ng/ul	0.00
15) 4-Methylphenol-d8	9.025	113	61519	15.220	ng/ul	0.00
21) Nitrobenzene-d5	9.501	128	27973	15.746	ng/ul	0.00
24) 2-Nitrophenol-d4	10.236	143	37660	16.211	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.770	165	73173	15.801	ng/ul	0.00
31) 4-Chloroaniline-d4	11.287	131	79729	15.299	ng/ul	0.00
46) Dimethylphthalate-d6	14.331	166	252281	16.473	ng/ul	0.00
49) Acenaphthylene-d8	14.642	160	271556	16.141	ng/ul	0.00
54) 4-Nitrophenol-d4	15.107	143	34698	14.352	ng/ul	0.00
60) Fluorene-d10	15.929	176	229896	16.071	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.029	200	47270	13.773	ng/ul	0.00
73) Anthracene-d10	17.774	188	366372	16.318	ng/ul	0.00
81) Pyrene-d10	20.042	212	446027	16.145	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.189	264	415748	16.742	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.679	88	2379m	1.681	ng/uL	
5) Pyridine	4.090	79	12942	3.260	ng/ul#	88
6) Benzaldehyde	7.463	77	9351	5.254	ng/ul	86
8) Phenol	7.486	94	21309	4.254	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.733	93	15195	4.381	ng/ul	95
12) 2-Chlorophenol	7.886	128	13772	4.126	ng/ul	97
13) 2-Methylphenol	8.761	108	15898	4.131	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.855	45	2858m	4.534	ng/ul	
16) Acetophenone	9.155	105	26915	4.328	ng/ul#	97
17) N-Nitroso-di-n-propyla...	9.131	70	11421	4.146	ng/ul#	95
18) 4-Methylphenol	9.090	108	16752	4.008	ng/ul	99
19) Hexachloroethane	9.431	117	5505	4.238	ng/ul	97
22) Nitrobenzene	9.548	77	17712	4.391	ng/ul#	94
23) Isophorone	10.065	82	35466	4.171	ng/ul#	98
25) 2-Nitrophenol	10.265	139	9997	4.459	ng/ul	88
26) 2,4-Dimethylphenol	10.306	107	18315	3.989	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.541	93	20404	4.284	ng/ul#	95
29) 2,4-Dichlorophenol	10.800	162	19768	4.527	ng/ul	98
30) Naphthalene	11.217	128	50827	4.317	ng/ul	95
32) 4-Chloroaniline	11.311	127	21165	3.975	ng/ul	94
33) Hexachlorobutadiene	11.493	225	17227	4.600	ng/ul	92
34) Caprolactam	12.057	113	5675	4.141	ng/ul#	86
35) 4-Chloro-3-methylphenol	12.404	107	17585	4.105	ng/ul#	85
36) 2-Methylnaphthalene	12.797	142	38878	4.323	ng/ul	98

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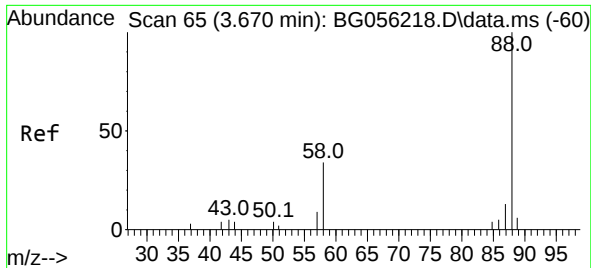
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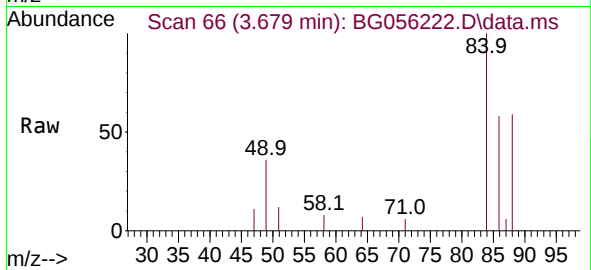
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.015	142	30687	3.318	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.150	216	32026	4.286	ng/ul	88
40) Hexachlorocyclopentadiene	13.126	237	14236	2.803	ng/ul#	88
41) 2,4,6-Trichlorophenol	13.385	196	19141	4.035	ng/ul	87
42) 2,4,5-Trichlorophenol	13.455	196	21186	4.106	ng/ul	96
43) 1,1'-Biphenyl	13.779	154	59344	4.272	ng/ul	99
44) 2-Chloronaphthalene	13.832	162	48271	4.237	ng/ul	93
45) 2-Nitroaniline	14.020	65	8361	3.845	ng/ul#	84
47) Dimethylphthalate	14.378	163	63042	4.165	ng/ul	97
48) 2,6-Dinitrotoluene	14.501	165	12619	3.971	ng/ul#	88
50) Acenaphthylene	14.672	152	72328	4.245	ng/ul	99
51) 3-Nitroaniline	14.830	138	11183	4.646	ng/ul	98
52) Acenaphthene	15.007	153	48997	4.155	ng/ul	98
53) 2,4-Dinitrophenol	15.036	184	11336	4.988	ng/ul#	96
55) 4-Nitrophenol	15.118	109	8326	3.682	ng/ul	95
56) Dibenzofuran	15.336	168	78900	4.328	ng/ul	97
57) 2,4-Dinitrotoluene	15.283	165	17069	3.769	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.553	232	18581	3.720	ng/ul#	99
59) Diethylphthalate	15.723	149	59266	4.211	ng/ul	99
61) Fluorene	15.982	166	62391	4.250	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.964	204	39004	4.249	ng/ul	98
63) 4-Nitroaniline	15.988	138	10678	4.849	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.047	198	14974	4.571	ng/ul#	86
67) N-Nitrosodiphenylamine	16.176	169	55977	4.294	ng/ul	96
68) 4-Bromophenyl-phenylether	16.857	248	27347	4.364	ng/ul	97
69) Hexachlorobenzene	16.987	284	25959	4.184	ng/ul	94
70) Atrazine	17.104	200	35845	6.033	ng/ul	98
71) Pentachlorophenol	17.322	266	14672	3.708	ng/ul	91
72) Phenanthrene	17.721	178	107439	4.314	ng/ul	97
74) Anthracene	17.809	178	107489	4.251	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.749	216	25028	3.400	ng/uL	94
76) Pentachlorobenzene	15.259	250	25030	3.323	ng/uL	96
77) Carbazole	18.074	167	88257	4.252	ng/ul	100
78) Di-n-butylphthalate	18.602	149	92627	4.229	ng/ul	99
80) Fluoranthene	19.707	202	137660	4.214	ng/ul	99
82) Pyrene	20.071	202	137871	4.220	ng/ul	98
83) Butylbenzylphthalate	20.929	149	37122	3.874	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.852	252	62124	5.564	ng/ul	92
85) Benzo(a)anthracene	21.951	228	137025	4.209	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	54688	3.947	ng/ul	100
87) Chrysene	22.022	228	128629	4.248	ng/ul	99
89) Di-n-octyl phthalate	23.109	149	97993	4.408	ng/ul	100
90) Benzo(b)fluoranthene	24.319	252	137696	4.259	ng/ul	97
91) Benzo(k)fluoranthene	24.396	252	136459	4.313	ng/ul	95
93) Benzo(a)pyrene	25.259	252	126042	4.453	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.401	276	160521	4.311	ng/ul	99
95) Dibenzo(a,h)anthracene	29.460	278	136025m	4.371	ng/ul	
96) Benzo(g,h,i)perylene	30.641	276	128700	4.275	ng/ul#	92

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



#2
1,4-Dioxane
Concen: 1.681 ng/uL m
RT: 3.679 min Scan# 65
Delta R.T. 0.004 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

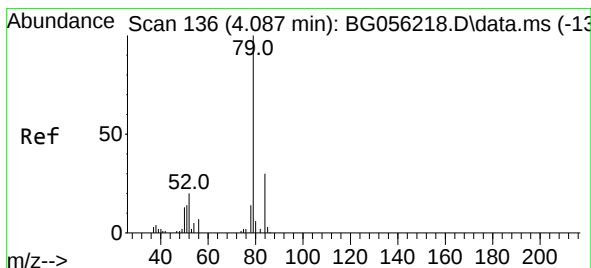
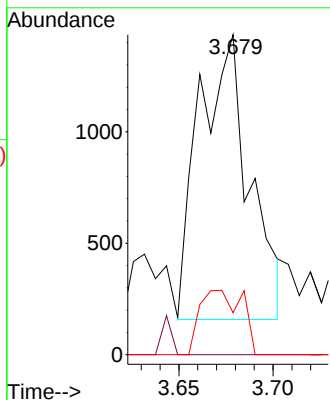
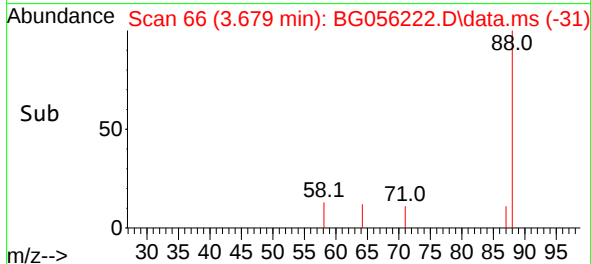
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion: 88 Resp: 2379
Ion Ratio Lower Upper
88 100
43 0.0 6.8 10.2
58 13.1 20.0 30.0

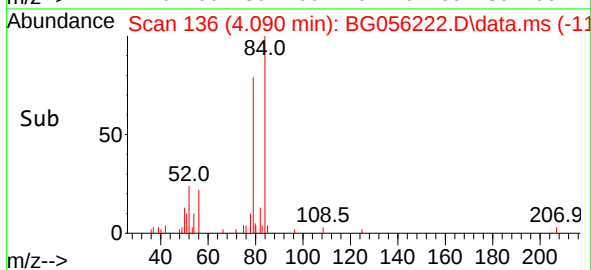
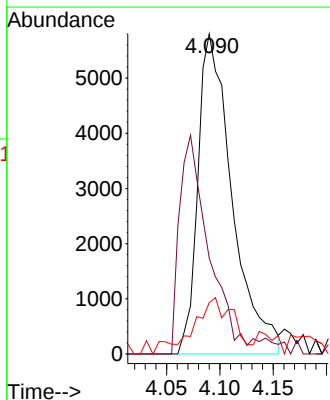
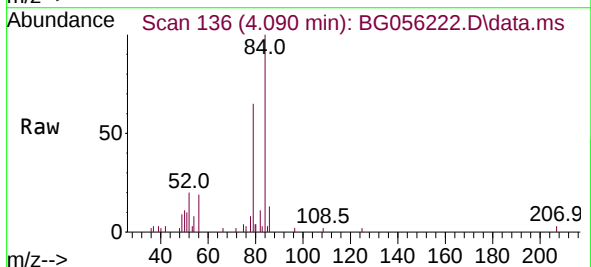
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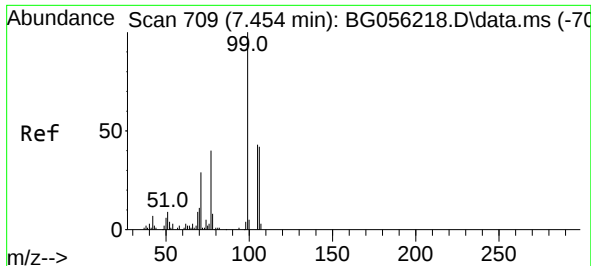
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#5
Pyridine
Concen: 3.260 ng/uL
RT: 4.090 min Scan# 136
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

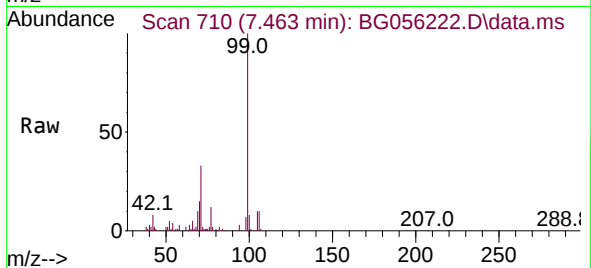
Tgt Ion: 79 Resp: 12942
Ion Ratio Lower Upper
79 100
52 29.9 16.6 25.0
51 16.0 13.4 20.2





#6
Benzaldehyde
Concen: 5.254 ng/ul
RT: 7.463 min Scan# 710
Delta R.T. 0.004 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

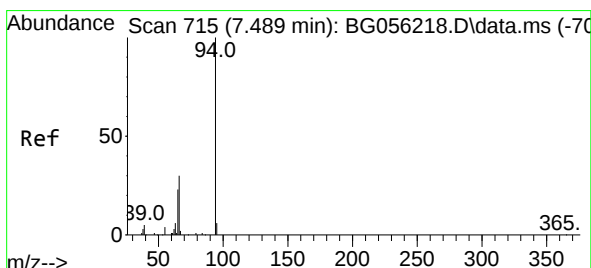
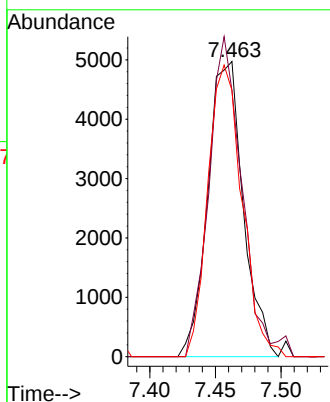
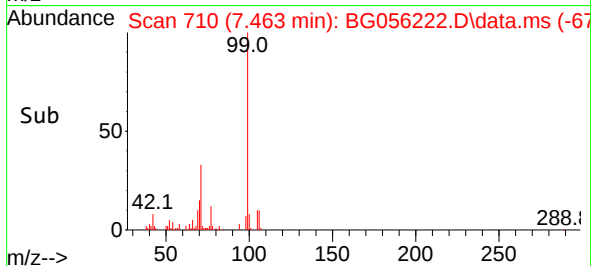
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion: 77 Resp: 935
Ion Ratio Lower Upper
77 100
105 90.1 86.5 129.7
106 90.2 80.8 121.2

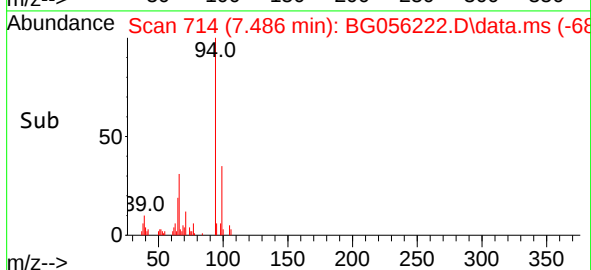
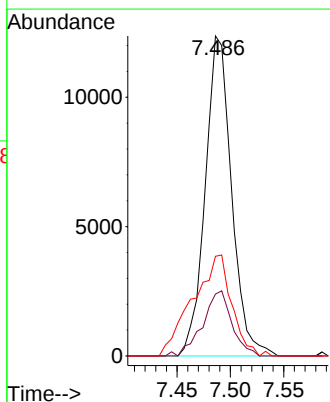
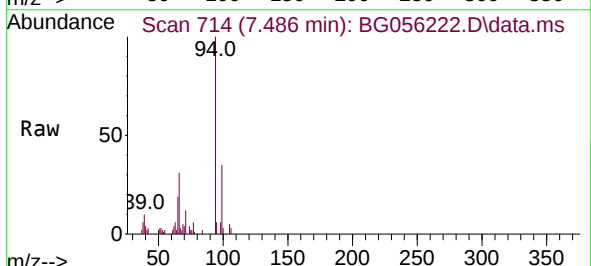
Manual Integrations
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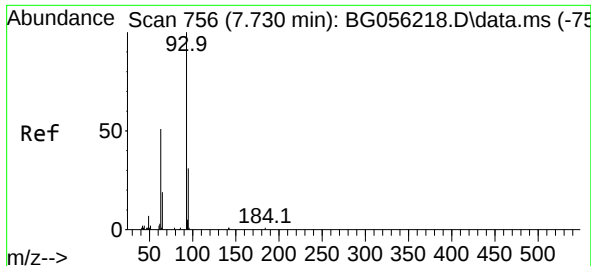
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#8
Phenol
Concen: 4.254 ng/ul
RT: 7.486 min Scan# 714
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

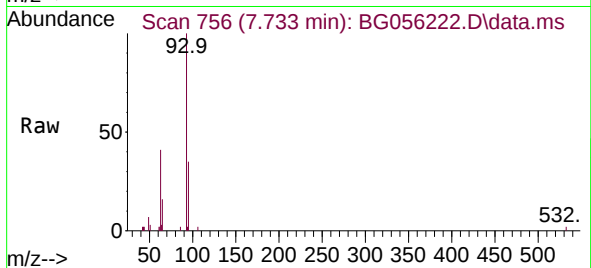
Tgt Ion: 94 Resp: 21309
Ion Ratio Lower Upper
94 100
65 19.3 15.9 23.9
66 31.1 24.6 37.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.381 ng/ul
RT: 7.733 min Scan# 756
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

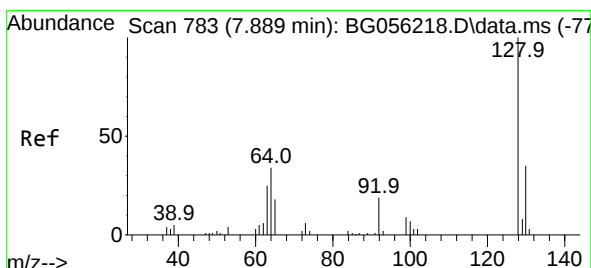
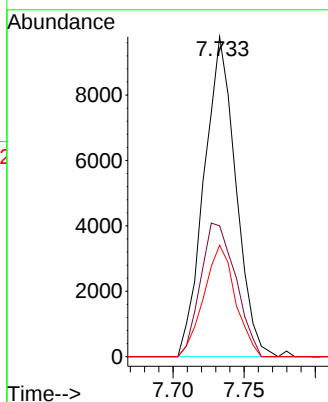
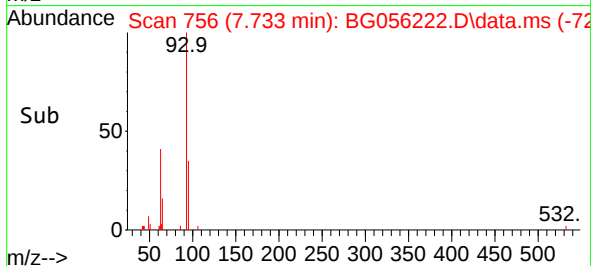
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion: 93 Resp: 15198
Ion Ratio Lower Upper
93 100
63 40.9 37.4 56.2
95 34.8 28.1 42.1

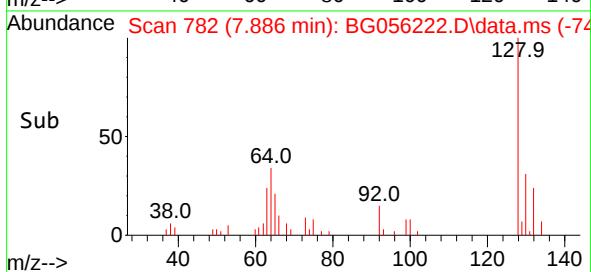
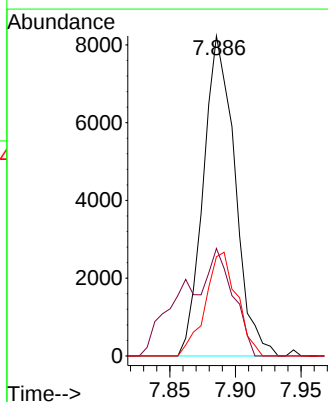
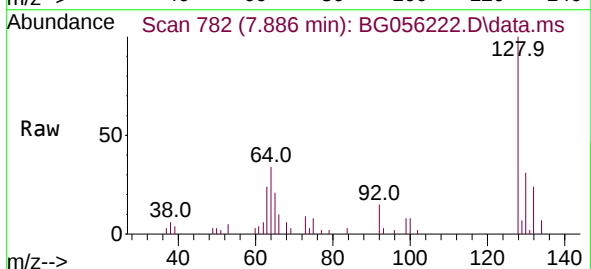
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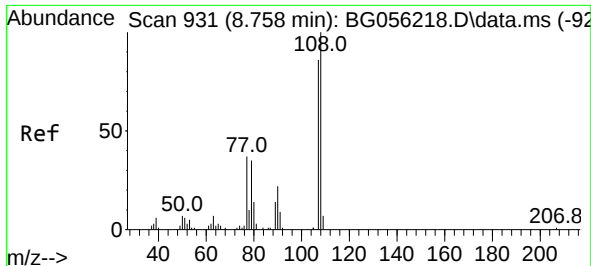
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#12
2-Chlorophenol
Concen: 4.126 ng/ul
RT: 7.886 min Scan# 782
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

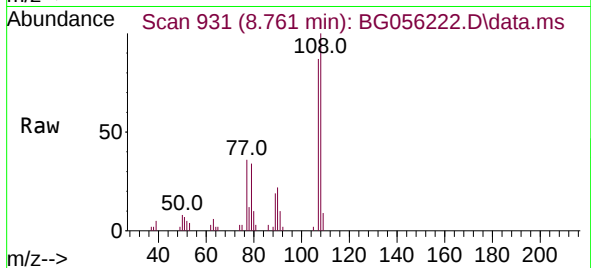
Tgt Ion:128 Resp: 13772
Ion Ratio Lower Upper
128 100
64 33.6 29.0 43.6
130 31.0 25.3 37.9





#13
2-Methylphenol
Concen: 4.131 ng/ul
RT: 8.761 min Scan# 911
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

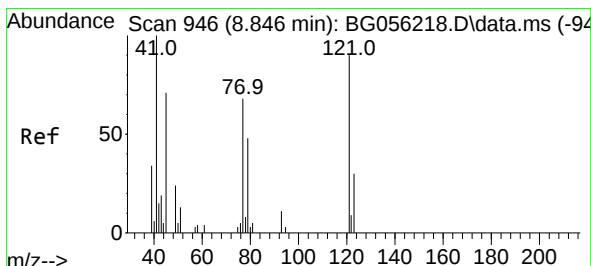
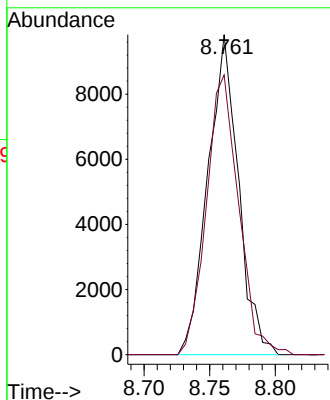
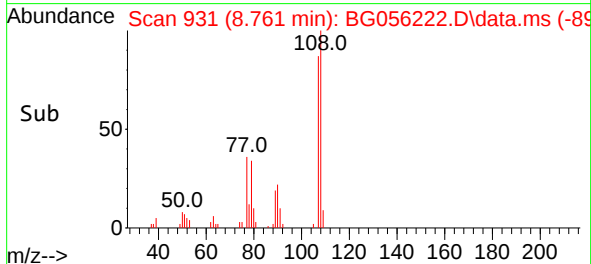
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:108 Resp: 15898
Ion Ratio Lower Upper
108 100
107 87.4 70.5 105.7

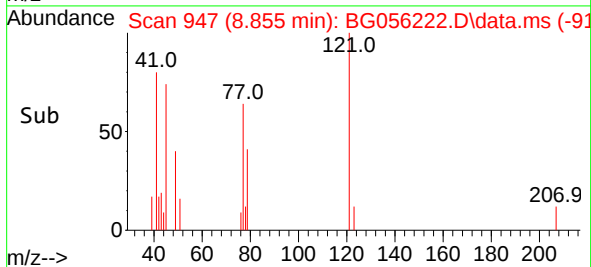
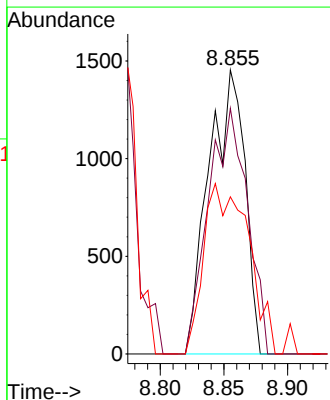
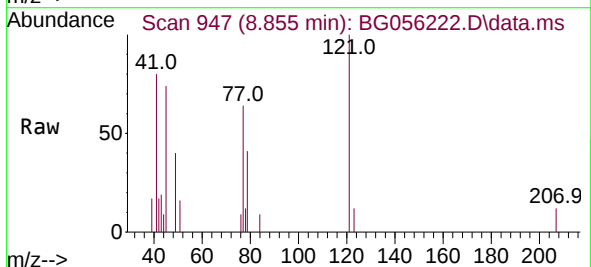
Manual Integrations
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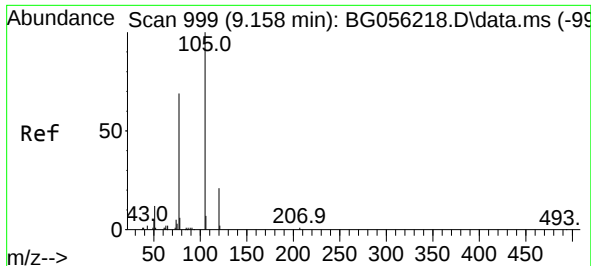
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.534 ng/ul m
RT: 8.855 min Scan# 947
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

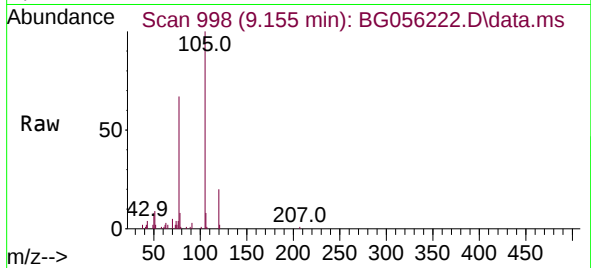
Tgt Ion: 45 Resp: 2858
Ion Ratio Lower Upper
45 100
77 86.5 90.5 135.7#
79 55.3 75.8 113.6#





#16
Acetophenone
Concen: 4.328 ng/ul
RT: 9.155 min Scan# 999
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

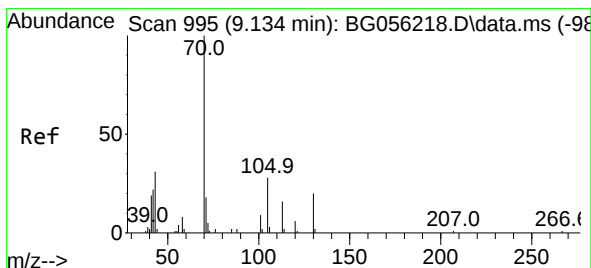
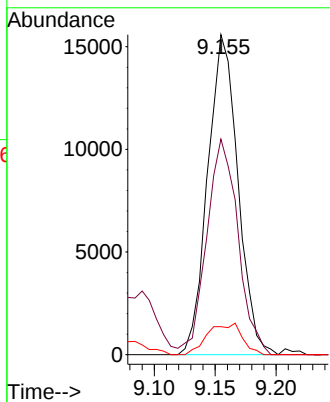
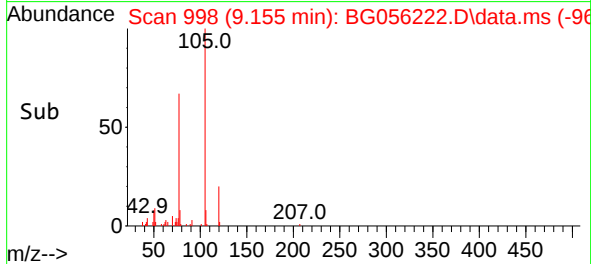
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion: 105 Resp: 26915
Ion Ratio Lower Upper
105 100
77 67.4 52.8 79.2
51 8.8 10.1 15.1

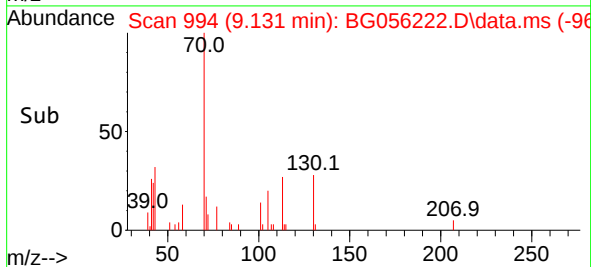
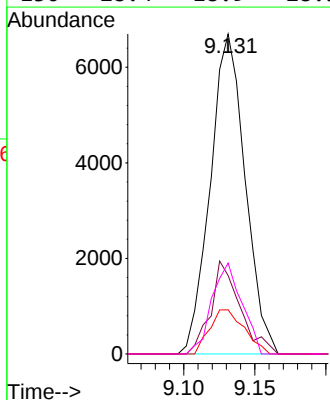
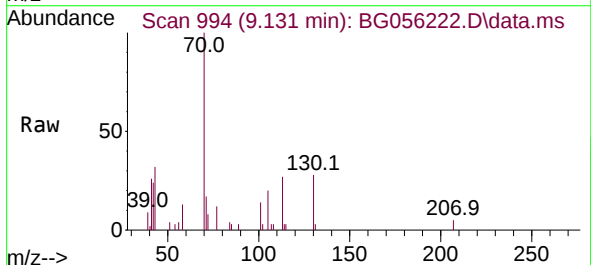
Manual Integrations
APPROVED

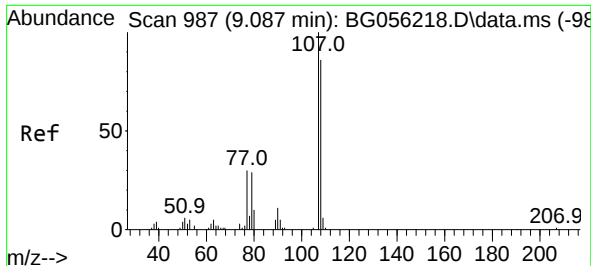
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.146 ng/ul
RT: 9.131 min Scan# 994
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

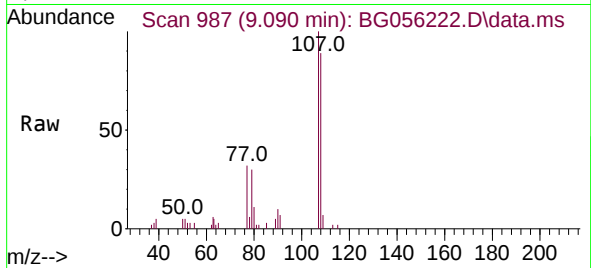
Tgt Ion: 70 Resp: 11421
Ion Ratio Lower Upper
70 100
42 24.5 19.9 29.9
101 13.8 9.8 14.6
130 28.4 18.9 28.3





#18
4-Methylphenol
Concen: 4.008 ng/ul
RT: 9.090 min Scan# 910
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

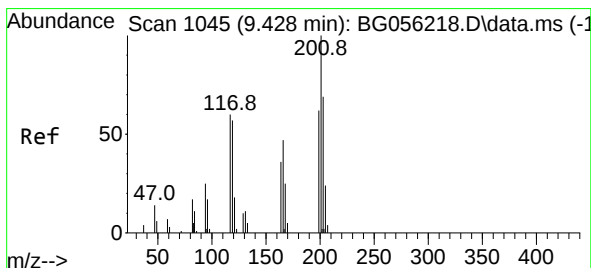
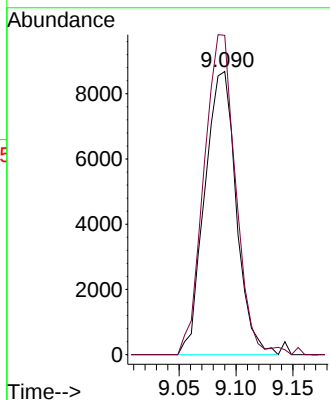
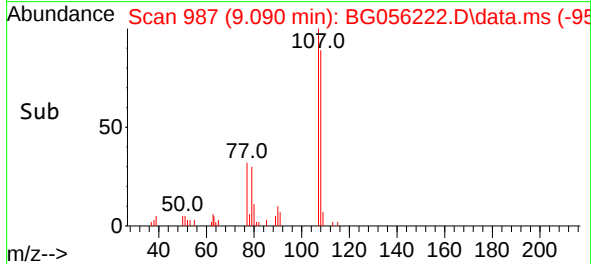
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion:108 Resp: 16752
Ion Ratio Lower Upper
108 100
107 112.8 91.5 137.3

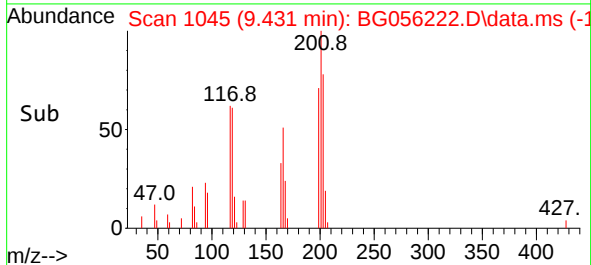
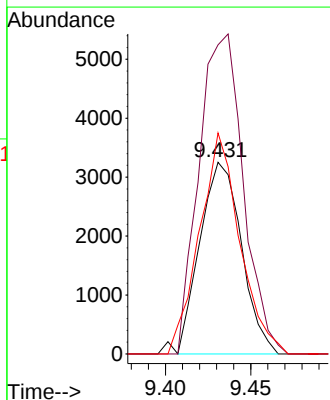
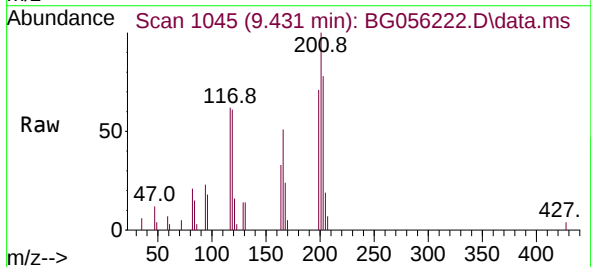
Manual Integrations
APPROVED

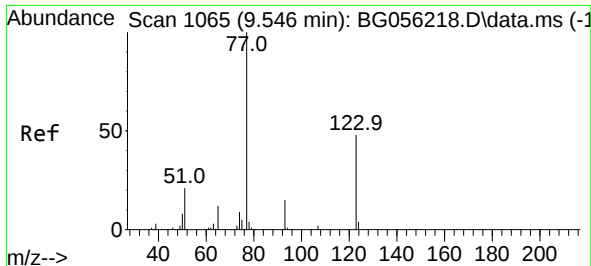
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#19
Hexachloroethane
Concen: 4.238 ng/ul
RT: 9.431 min Scan# 1045
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

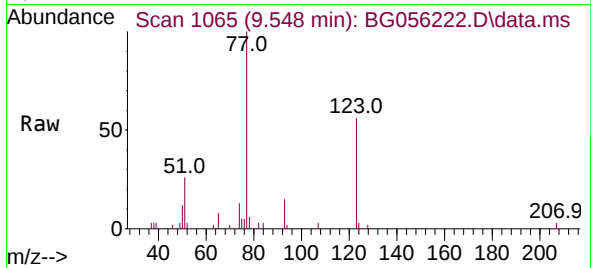
Tgt Ion:117 Resp: 5505
Ion Ratio Lower Upper
117 100
201 161.3 132.0 198.0
199 115.3 89.4 134.0





#22
Nitrobenzene
Concen: 4.391 ng/ul
RT: 9.548 min Scan# 1065
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

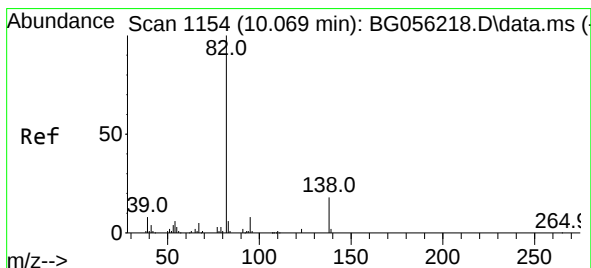
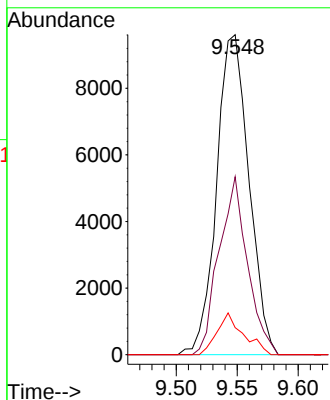
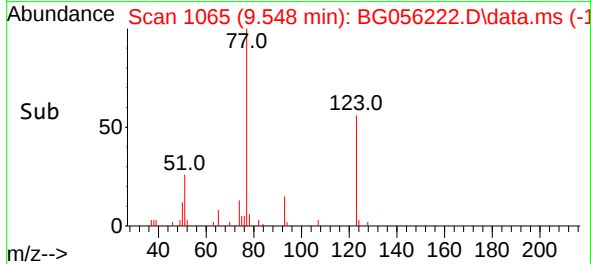
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion: 77 Resp: 17712
Ion Ratio Lower Upper
77 100
123 55.6 42.2 63.2
65 8.5 10.5 15.7

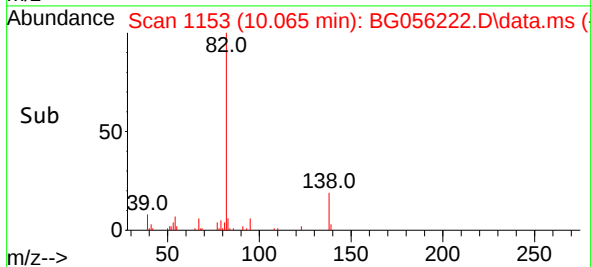
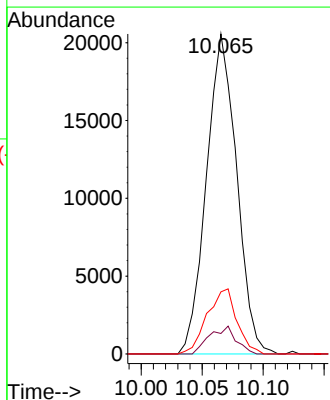
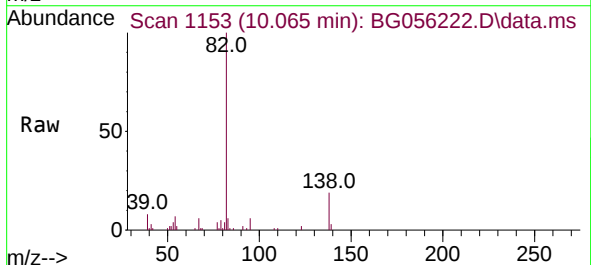
Manual Integrations
APPROVED

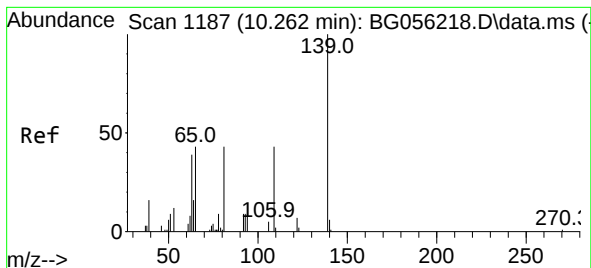
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#23
Isophorone
Concen: 4.171 ng/ul
RT: 10.065 min Scan# 1153
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

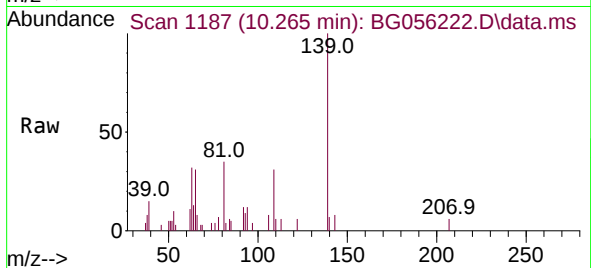
Tgt Ion: 82 Resp: 35466
Ion Ratio Lower Upper
82 100
95 6.4 6.9 10.3#
138 19.4 15.4 23.2





#25
2-Nitrophenol
Concen: 4.459 ng/ul
RT: 10.265 min Scan# 1187
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

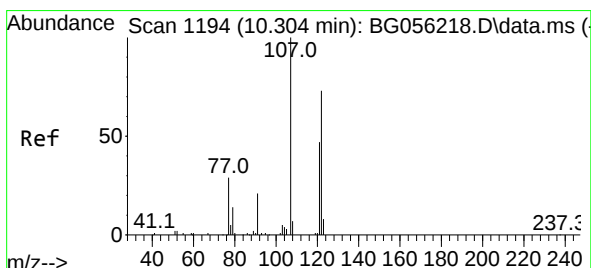
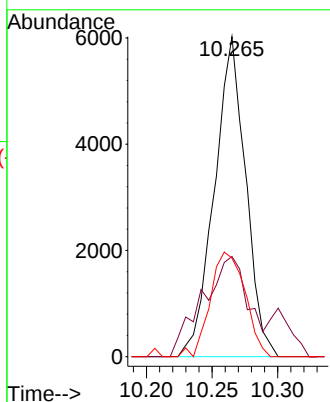
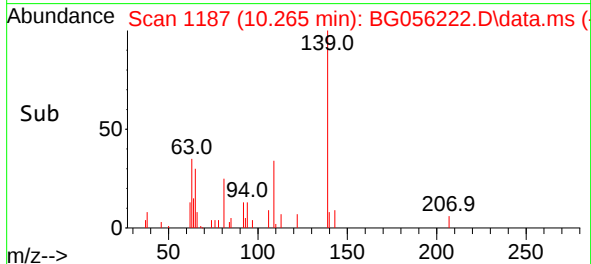
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-08



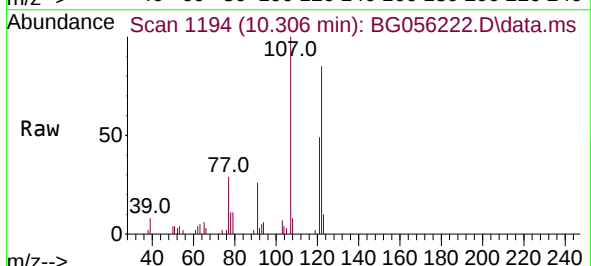
Tgt Ion:139 Resp: 999
Ion Ratio Lower Upper
139 100
65 31.3 31.2 46.8
109 30.8 30.1 45.1

Manual Integrations
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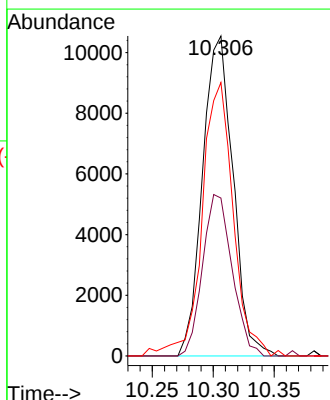
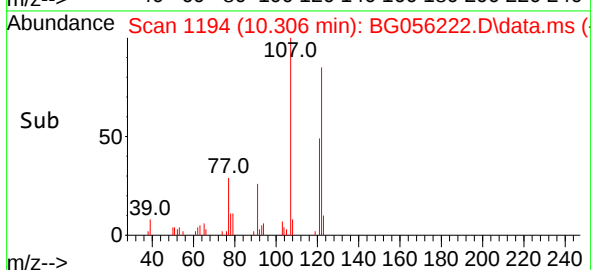
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

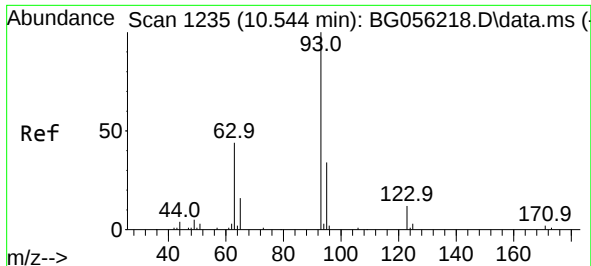


#26
2,4-Dimethylphenol
Concen: 3.989 ng/ul
RT: 10.306 min Scan# 1194
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



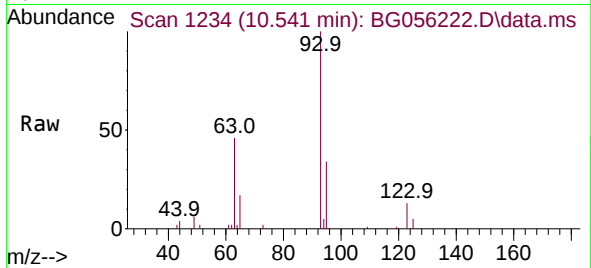
Tgt Ion:107 Resp: 18315
Ion Ratio Lower Upper
107 100
121 49.4 40.5 60.7
122 85.4 66.8 100.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.284 ng/ul
 RT: 10.541 min Scan# 1235
 Delta R.T. -0.002 min
 Lab File: BG056222.D
 Acq: 6 Jan 2023 12:28

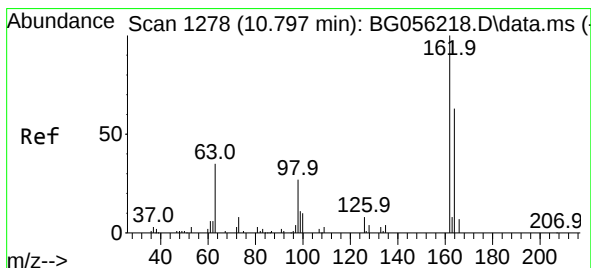
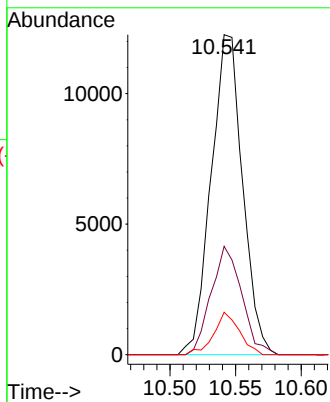
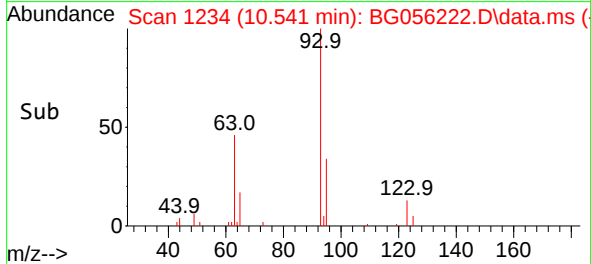
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT4-2022-08



Tgt Ion: 93 Resp: 2040
 Ion Ratio Lower Upper
 93 100
 95 33.9 25.4 38.0
 123 13.3 8.5 12.7

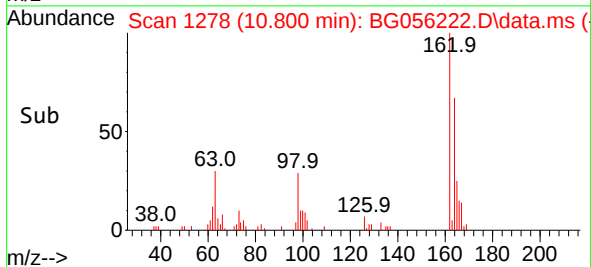
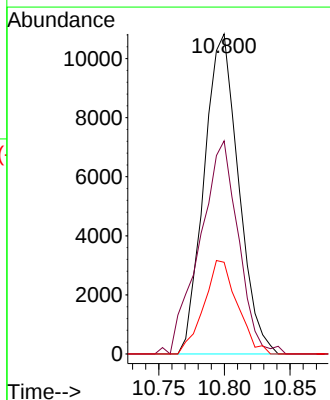
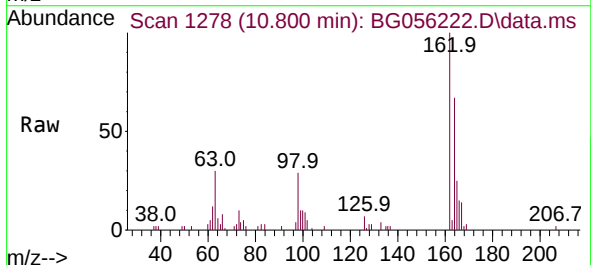
Manual Integrations
 APPROVED

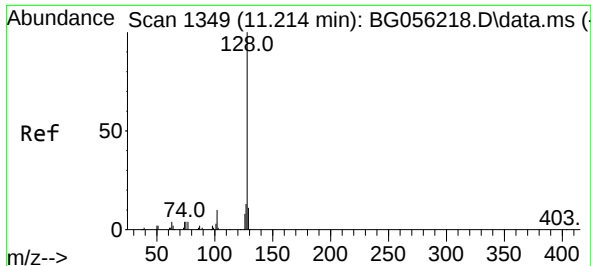
Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023



#29
 2,4-Dichlorophenol
 Concen: 4.527 ng/ul
 RT: 10.800 min Scan# 1278
 Delta R.T. -0.002 min
 Lab File: BG056222.D
 Acq: 6 Jan 2023 12:28

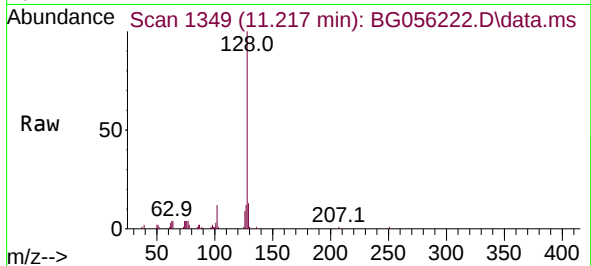
Tgt Ion:162 Resp: 19768
 Ion Ratio Lower Upper
 162 100
 164 66.6 52.5 78.7
 98 28.7 24.7 37.1





#30
Naphthalene
Concen: 4.317 ng/ul
RT: 11.217 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

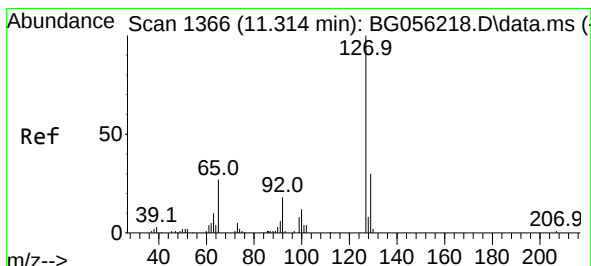
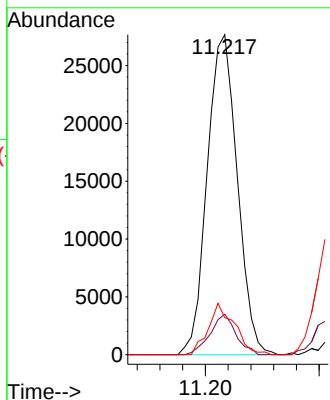
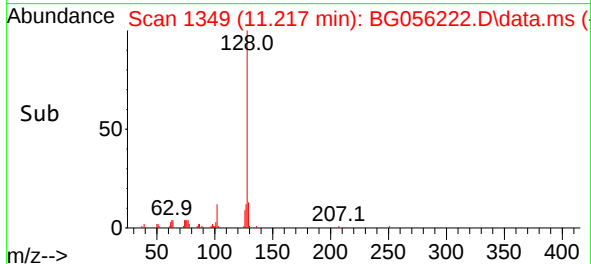
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:128 Resp: 5082
Ion Ratio Lower Upper
128 100
129 12.7 8.5 12.7
127 11.6 10.9 16.3

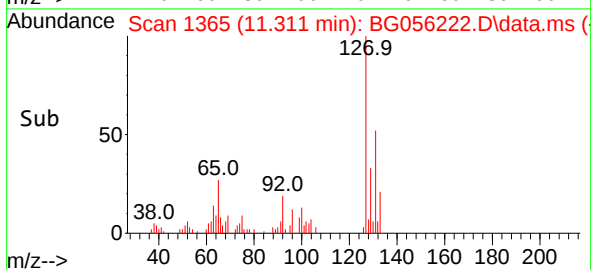
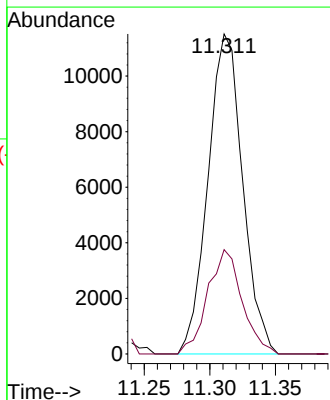
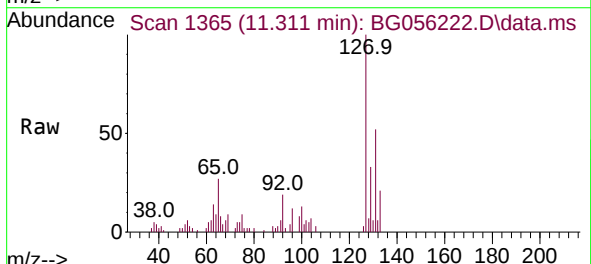
Manual Integrations
APPROVED

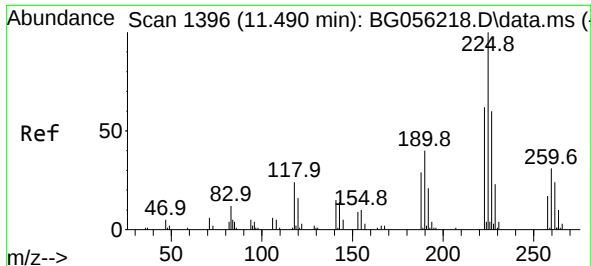
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#32
4-Chloroaniline
Concen: 3.975 ng/ul
RT: 11.311 min Scan# 1365
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

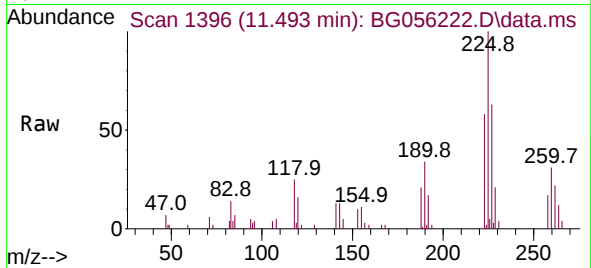
Tgt Ion:127 Resp: 21165
Ion Ratio Lower Upper
127 100
129 32.6 23.5 35.3





#33
Hexachlorobutadiene
Concen: 4.600 ng/ul
RT: 11.493 min Scan# 11493
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

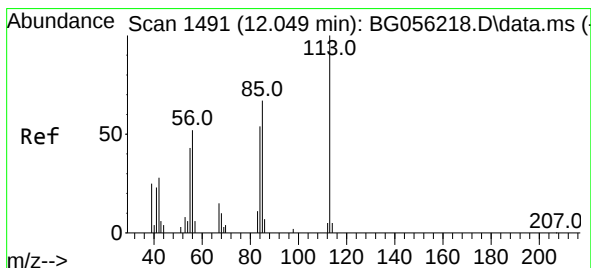
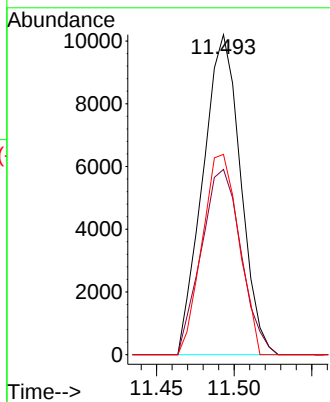
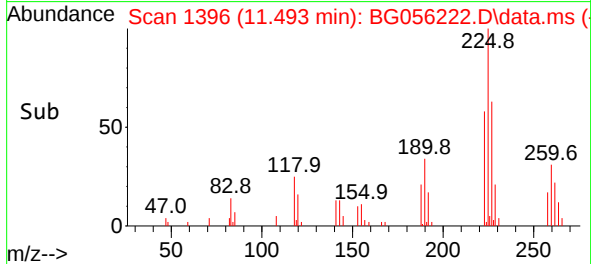
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



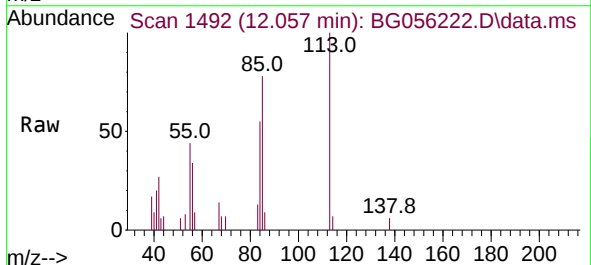
Tgt Ion:225 Resp: 1722
Ion Ratio Lower Upper
225 100
223 55.0 49.8 74.6
227 59.4 51.8 77.6

Manual Integrations
APPROVED

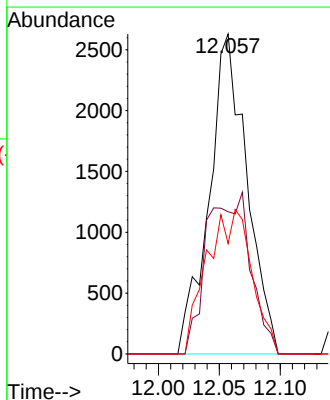
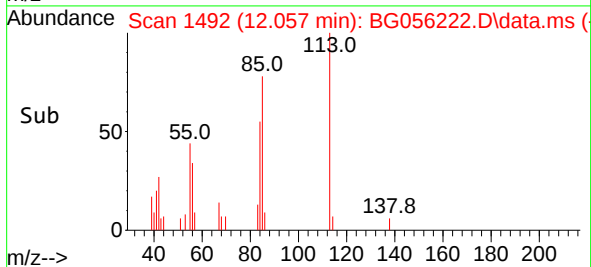
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

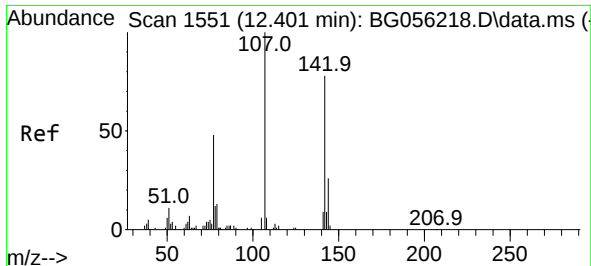


#34
Caprolactam
Concen: 4.141 ng/ul
RT: 12.057 min Scan# 1492
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



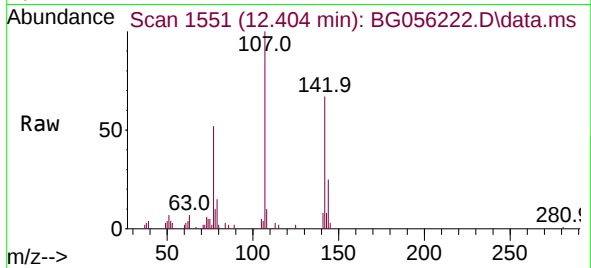
Tgt Ion:113 Resp: 5675
Ion Ratio Lower Upper
113 100
55 44.4 39.3 58.9
56 34.5 39.5 59.3#





#35
4-Chloro-3-methylphenol
Concen: 4.105 ng/ul
RT: 12.404 min Scan# 1551
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

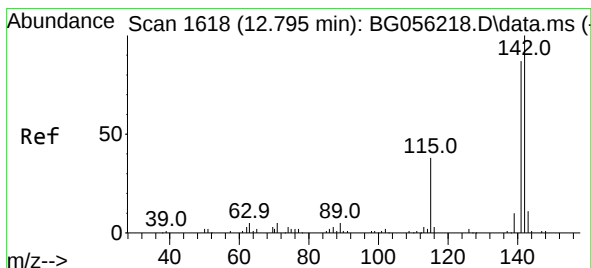
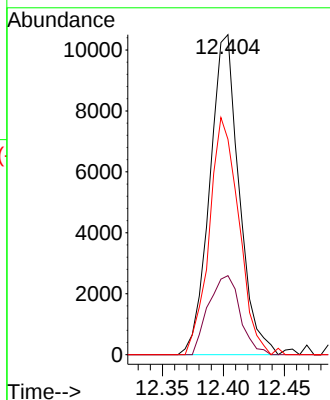
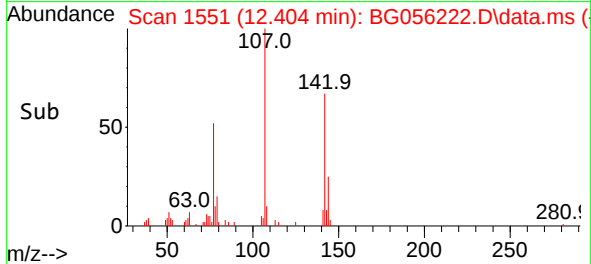
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



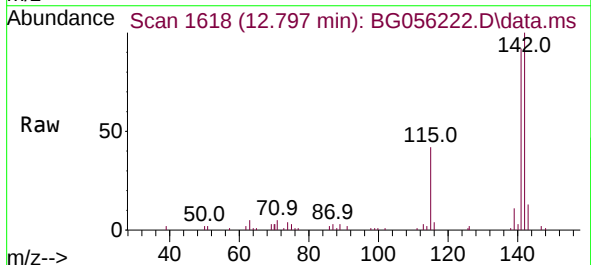
Tgt Ion:107 Resp: 1758
Ion Ratio Lower Upper
107 100
144 24.7 21.0 31.6
142 67.3 67.9 101.9

Manual Integrations
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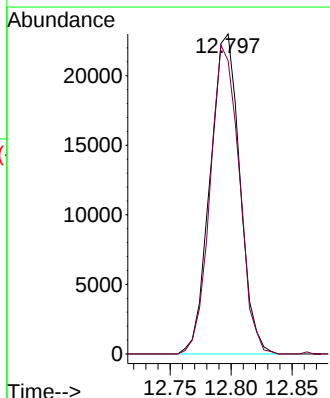
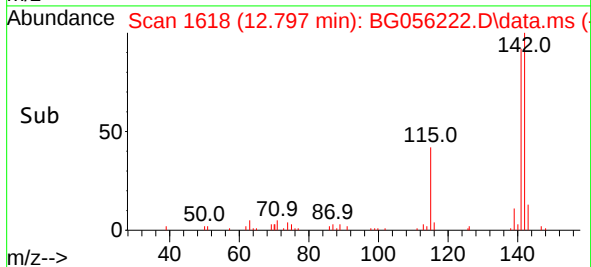
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

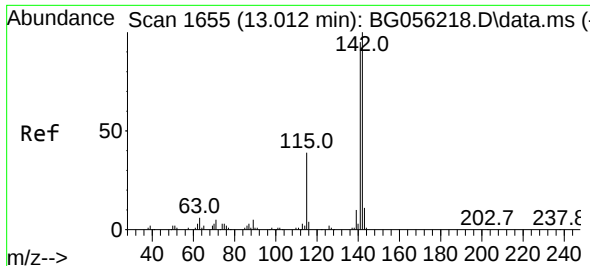


#36
2-Methylnaphthalene
Concen: 4.323 ng/ul
RT: 12.797 min Scan# 1618
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



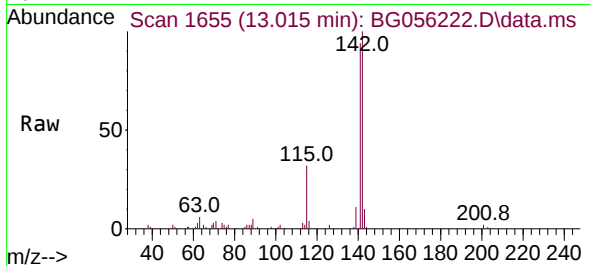
Tgt Ion:142 Resp: 38878
Ion Ratio Lower Upper
142 100
141 91.7 71.6 107.4





#37
1-Methylnaphthalene
Concen: 3.318 ng/ul
RT: 13.015 min Scan# 1655
Delta R.T. 0.004 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

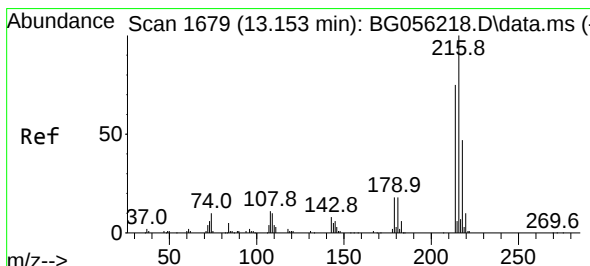
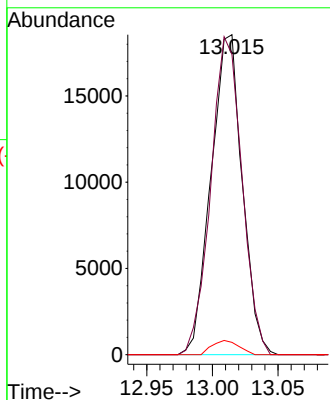
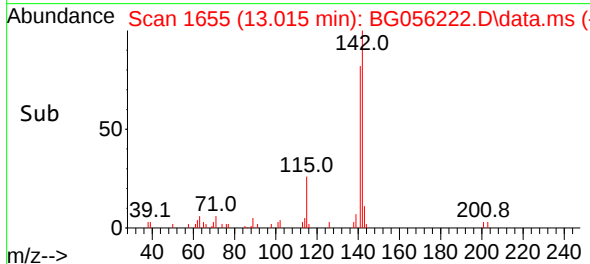
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



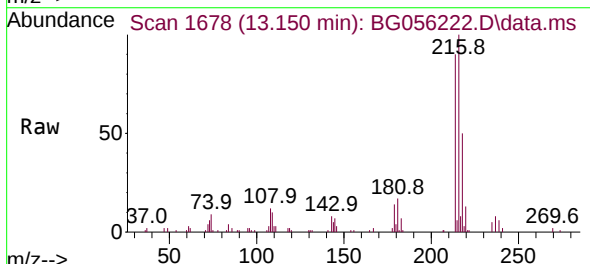
Tgt Ion:142 Resp: 3068
Ion Ratio Lower Upper
142 100
141 93.8 71.7 107.5
116 3.9 3.4 5.0

Manual Integrations
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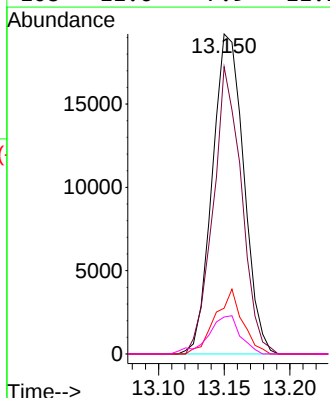
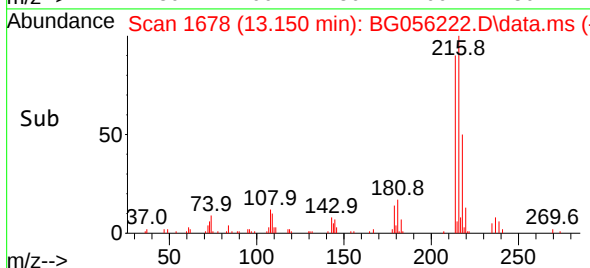
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

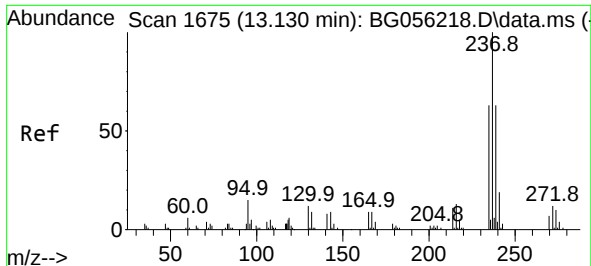


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.286 ng/ul
RT: 13.150 min Scan# 1678
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



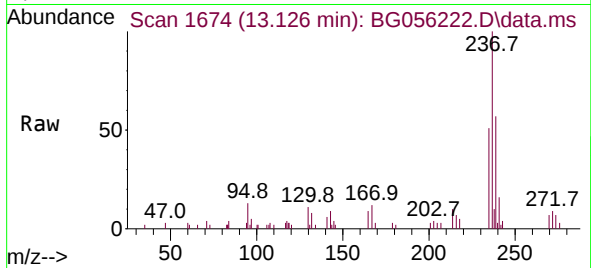
Tgt Ion:216 Resp: 32026
Ion Ratio Lower Upper
216 100
214 89.8 62.0 93.0
179 14.3 13.8 20.8
108 11.6 7.9 11.9





#40
Hexachlorocyclopentadiene
Concen: 2.803 ng/ul
RT: 13.126 min Scan# 1674
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

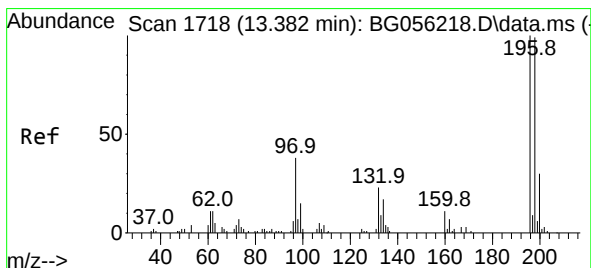
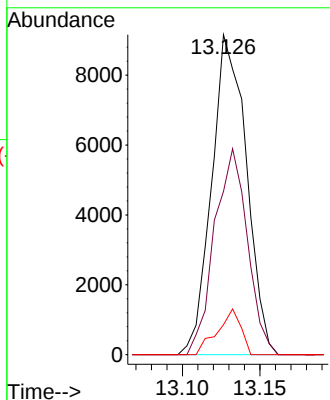
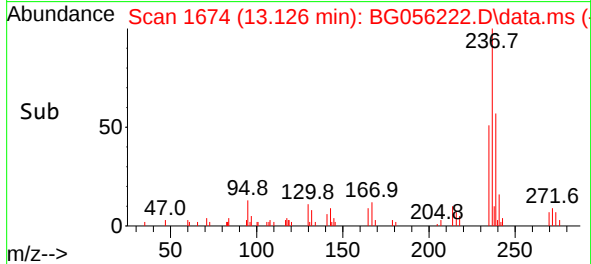
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



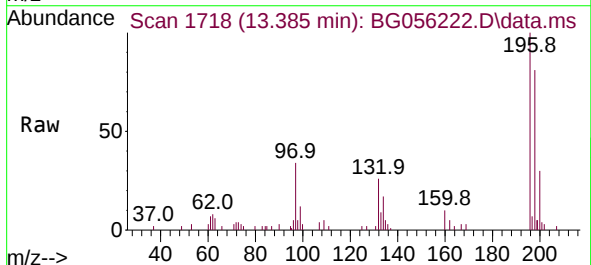
Tgt Ion:237 Resp: 14230
Ion Ratio Lower Upper
237 100
235 51.0 48.6 72.8
272 9.4 10.2 15.4

Manual Integrations
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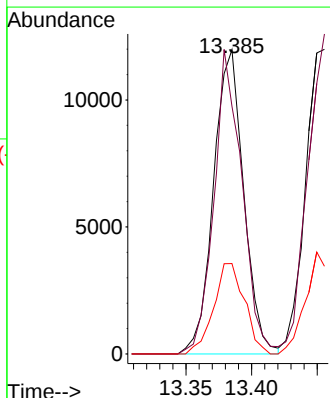
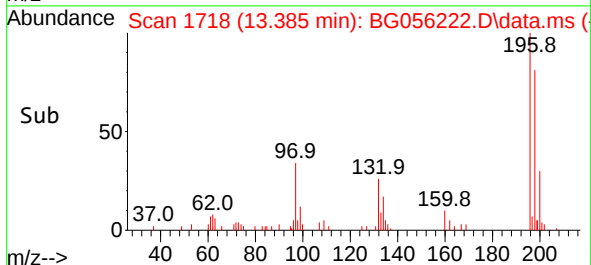
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

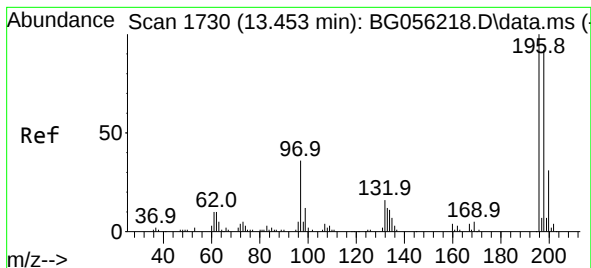


#41
2,4,6-Trichlorophenol
Concen: 4.035 ng/ul
RT: 13.385 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



Tgt Ion:196 Resp: 19141
Ion Ratio Lower Upper
196 100
198 80.3 76.2 114.2
200 27.7 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 4.106 ng/ul

RT: 13.455 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056222.D

Acq: 6 Jan 2023 12:28

Instrument :

BNA_G

ClientSampleId :

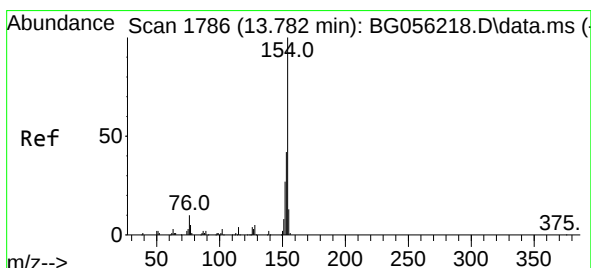
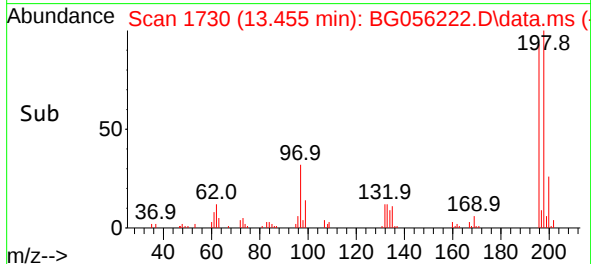
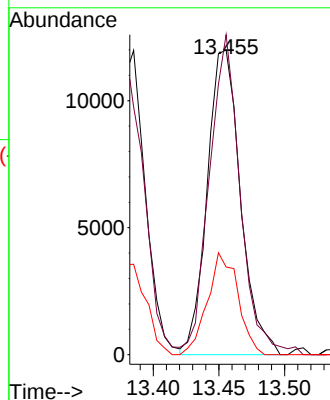
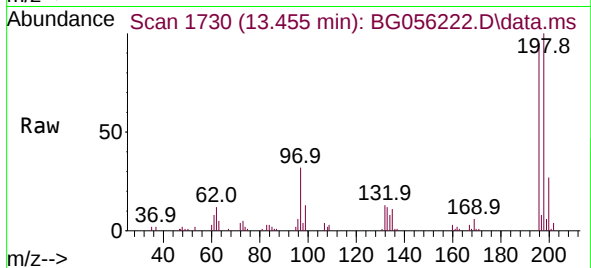
MDL-SOIL-QT4-2022-08

Tgt Ion:196	Resp:	21180
Ion Ratio	Lower	Upper
196	100	
198	105.0	80.2 120.4
200	28.8	23.6 35.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#43

1,1'-Biphenyl

Concen: 4.272 ng/ul

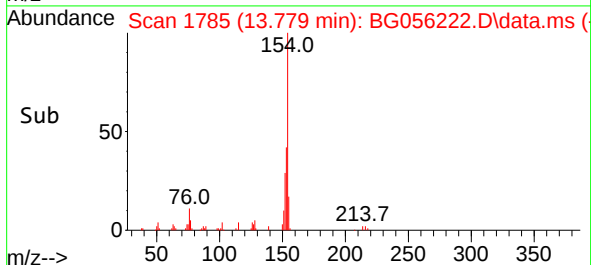
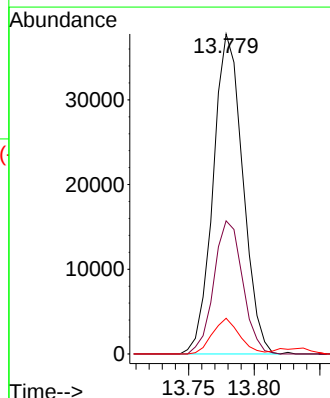
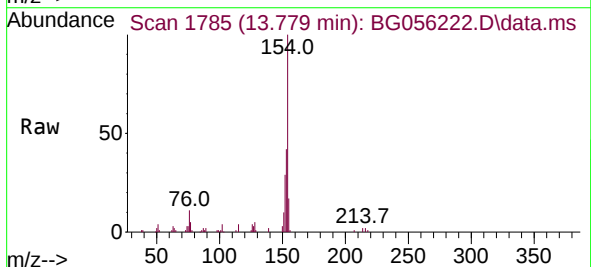
RT: 13.779 min Scan# 1785

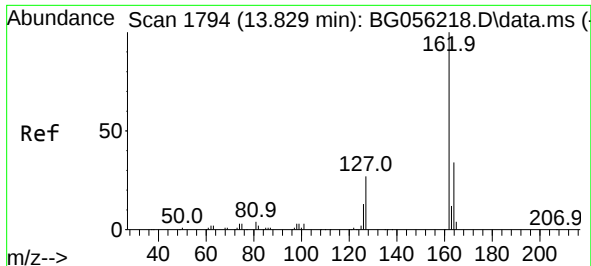
Delta R.T. -0.002 min

Lab File: BG056222.D

Acq: 6 Jan 2023 12:28

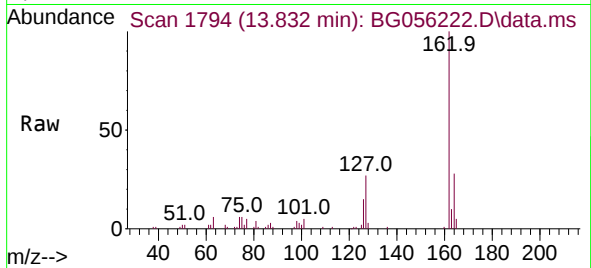
Tgt Ion:154	Resp:	59344
Ion Ratio	Lower	Upper
154	100	
153	41.6	34.0 51.0
76	11.2	8.5 12.7





#44
2-Chloronaphthalene
Concen: 4.237 ng/ul
RT: 13.832 min Scan# 1794
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

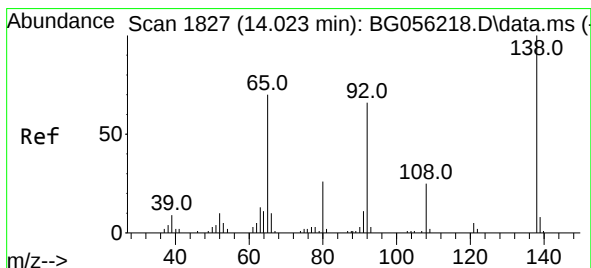
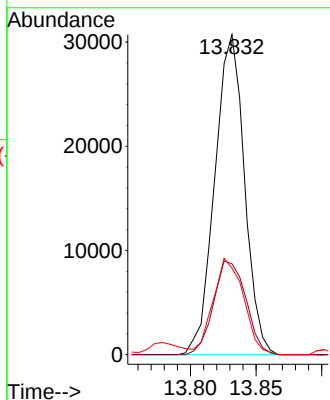
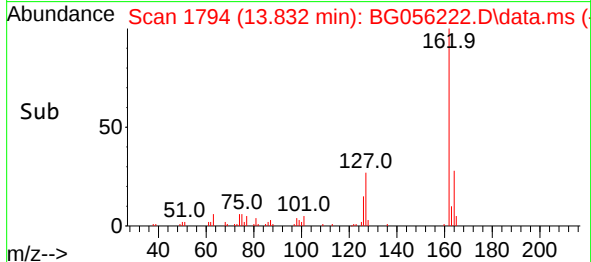
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion:162 Resp: 4827
Ion Ratio Lower Upper
162 100
164 28.4 25.9 38.9
127 27.1 24.6 36.8

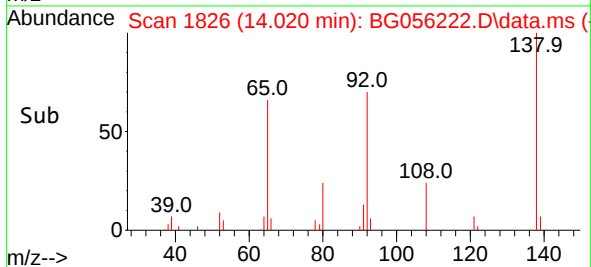
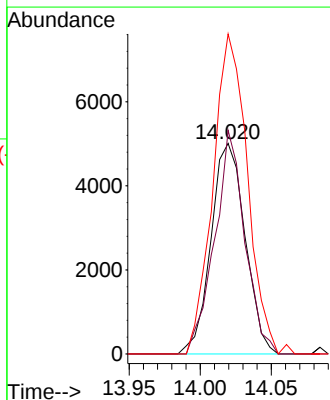
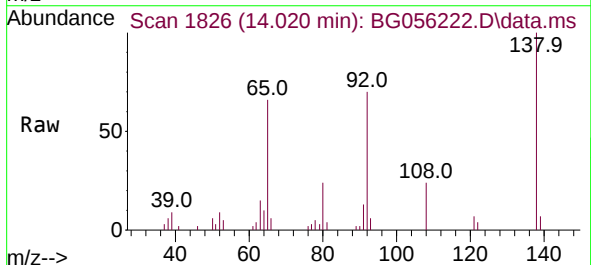
Manual Integrations
APPROVED

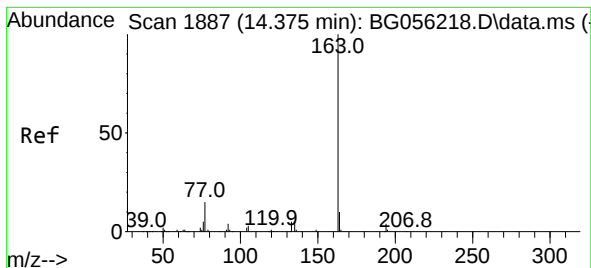
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#45
2-Nitroaniline
Concen: 3.845 ng/ul
RT: 14.020 min Scan# 1826
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

Tgt Ion: 65 Resp: 8361
Ion Ratio Lower Upper
65 100
92 106.2 68.2 102.2#
138 152.0 109.7 164.5





#47

Dimethylphthalate

Concen: 4.165 ng/ul

RT: 14.378 min Scan# 1887

Delta R.T. -0.002 min

Lab File: BG056222.D

Acq: 6 Jan 2023 12:28

Instrument :

BNA_G

ClientSampleId :

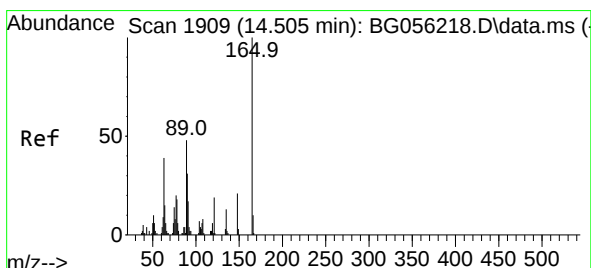
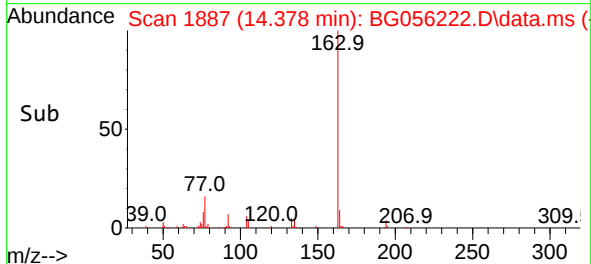
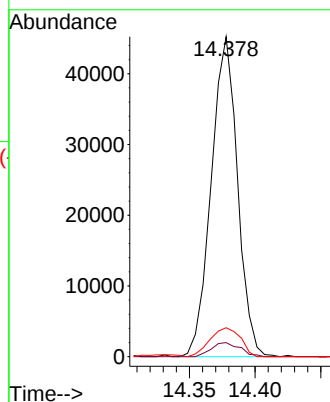
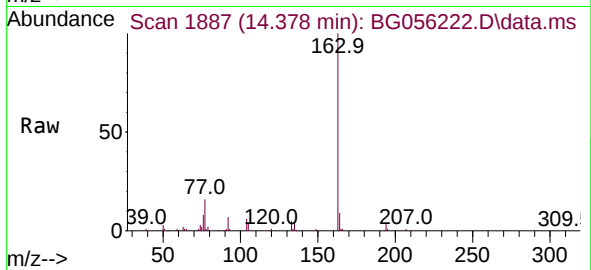
MDL-SOIL-QT4-2022-08

Tgt Ion:	163	Resp:	6304
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	9.1	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#48

2,6-Dinitrotoluene

Concen: 3.971 ng/ul

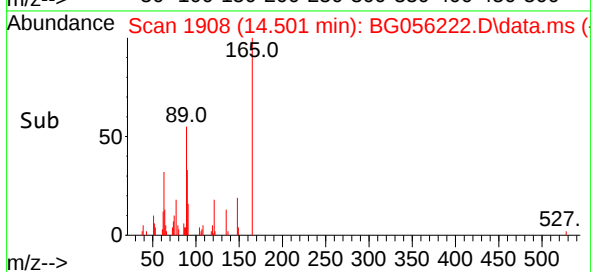
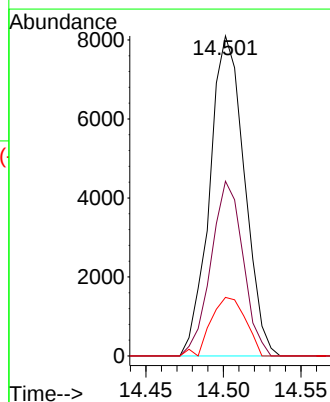
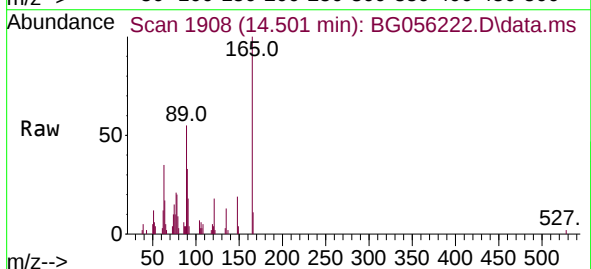
RT: 14.501 min Scan# 1908

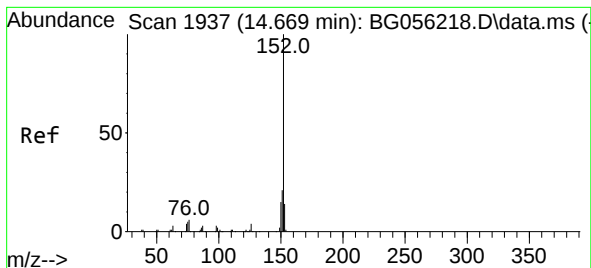
Delta R.T. -0.008 min

Lab File: BG056222.D

Acq: 6 Jan 2023 12:28

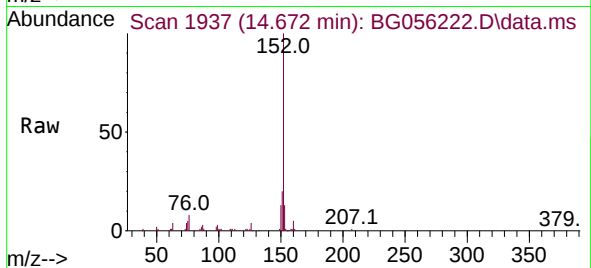
Tgt Ion:	165	Resp:	12619
Ion Ratio	Lower	Upper	
165	100		
89	54.6	36.2	54.4
121	18.3	12.2	18.4





#50
Acenaphthylene
Concen: 4.245 ng/ul
RT: 14.672 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

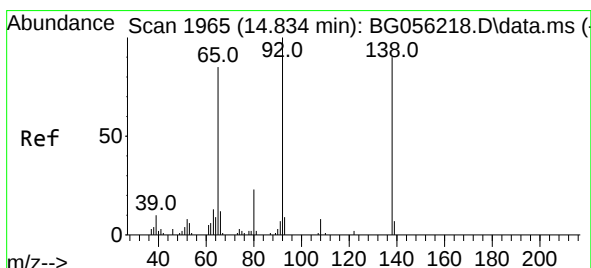
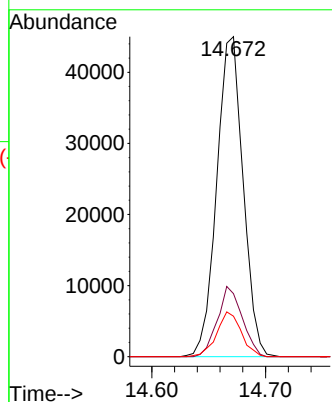
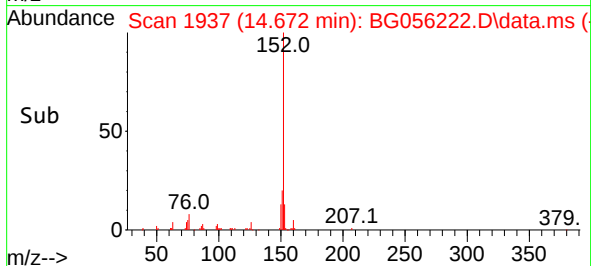
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-08



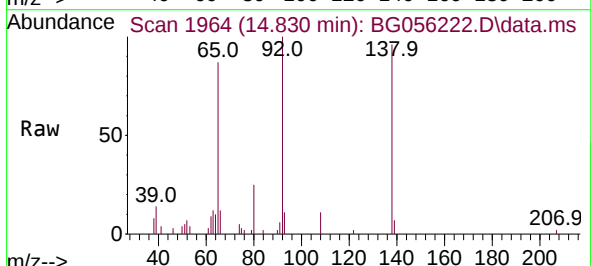
Tgt Ion:152 Resp: 72328
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 12.7 10.5 15.7

Manual Integrations
APPROVED

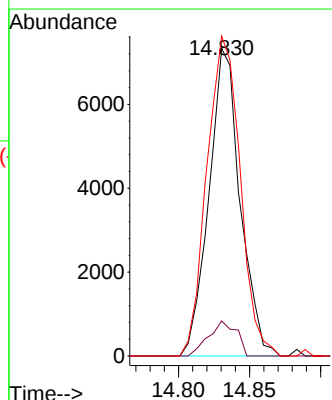
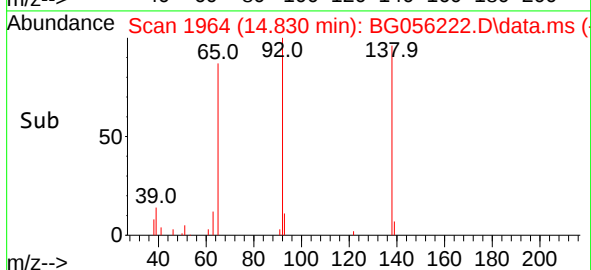
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

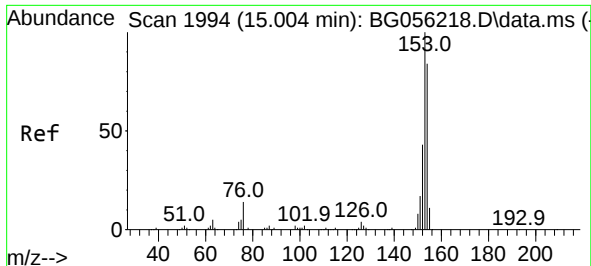


#51
3-Nitroaniline
Concen: 4.646 ng/ul
RT: 14.830 min Scan# 1964
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



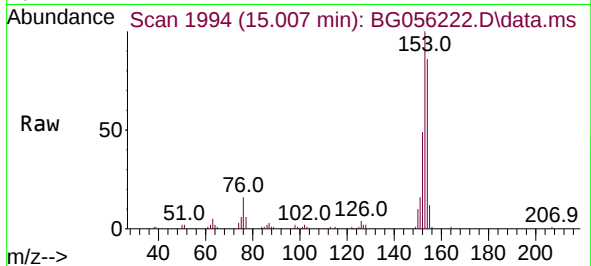
Tgt Ion:138 Resp: 11183
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 104.0 85.2 127.8





#52
Acenaphthene
Concen: 4.155 ng/ul
RT: 15.007 min Scan# 1994
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

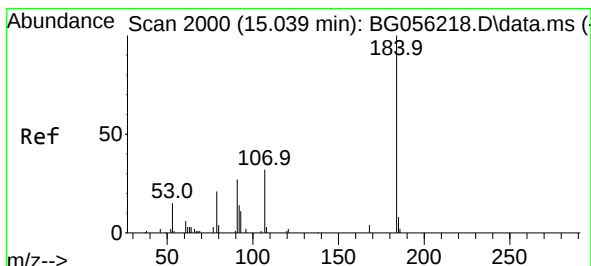
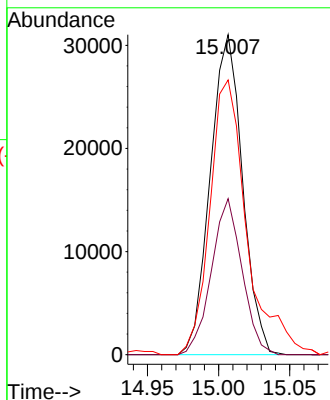
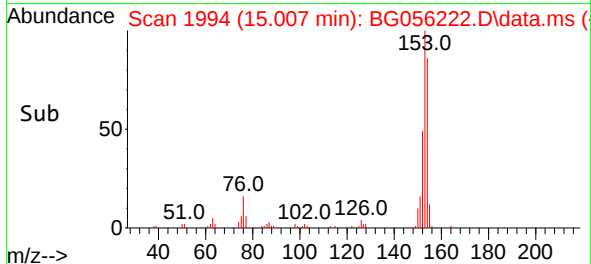
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



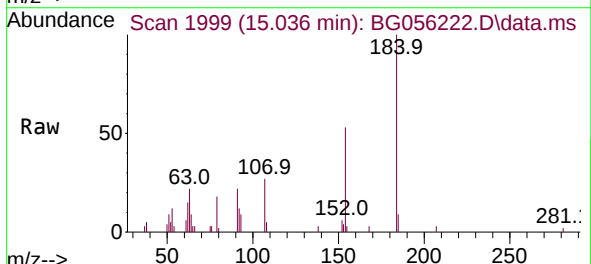
Tgt Ion:153 Resp: 4899
Ion Ratio Lower Upper
153 100
152 48.7 38.0 57.0
154 85.8 67.7 101.5

Manual Integrations
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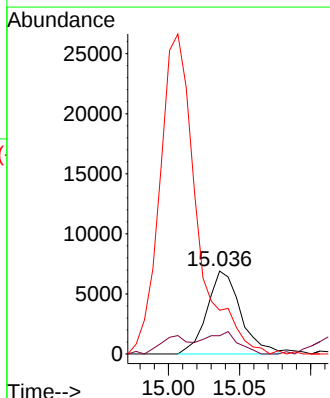
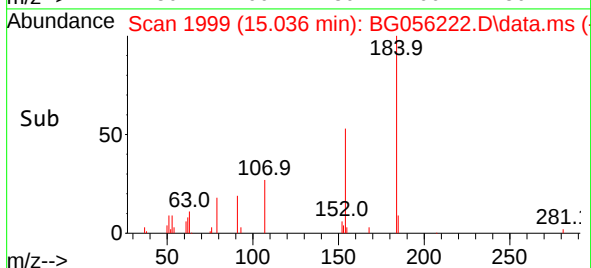
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

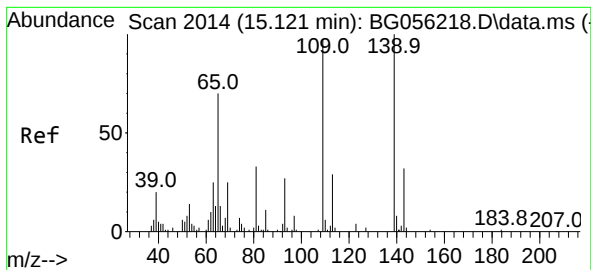


#53
2,4-Dinitrophenol
Concen: 4.988 ng/ul
RT: 15.036 min Scan# 1999
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



Tgt Ion:184 Resp: 11336
Ion Ratio Lower Upper
184 100
63 22.0 22.4 33.6#
154 52.8 42.2 63.4





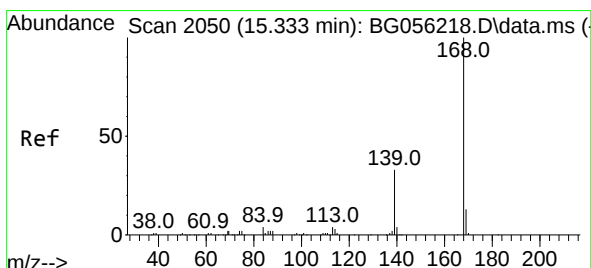
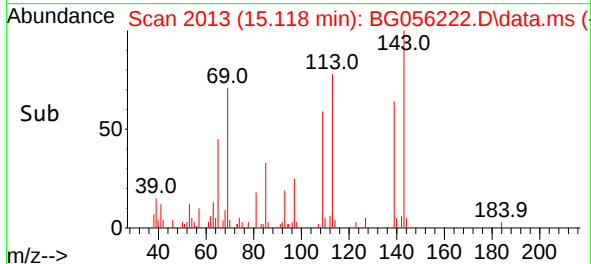
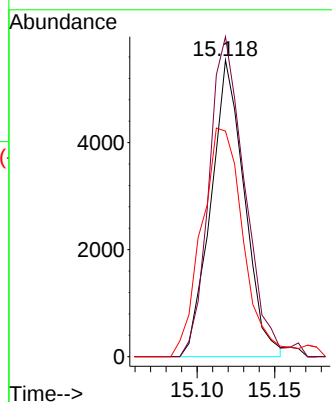
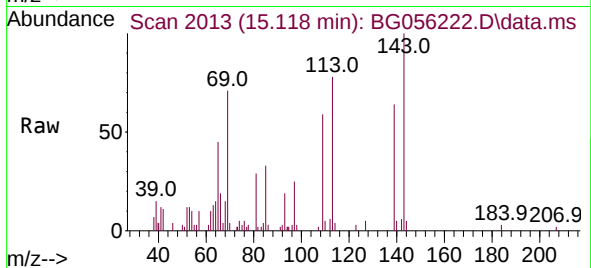
#55
4-Nitrophenol
Concen: 3.682 ng/ul
RT: 15.118 min Scan# 2013
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08

Tgt Ion:109 Resp: 8320
Ion Ratio Lower Upper
109 100
139 107.9 86.7 130.1
65 76.0 67.9 101.9

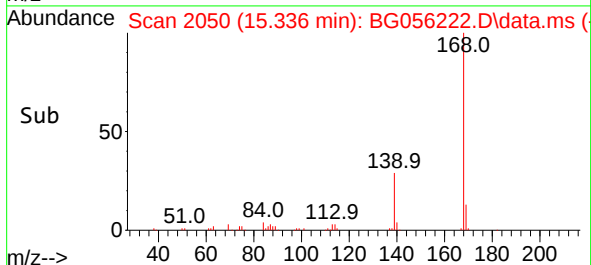
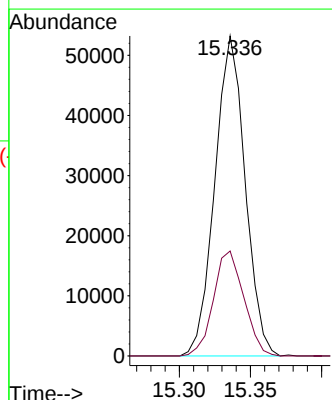
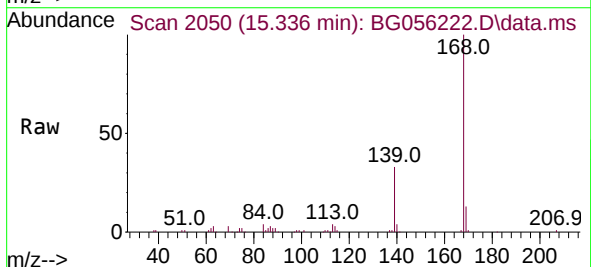
Manual Integrations
APPROVED

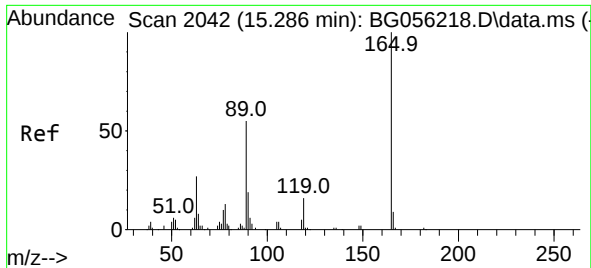
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#56
Dibenzofuran
Concen: 4.328 ng/ul
RT: 15.336 min Scan# 2050
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

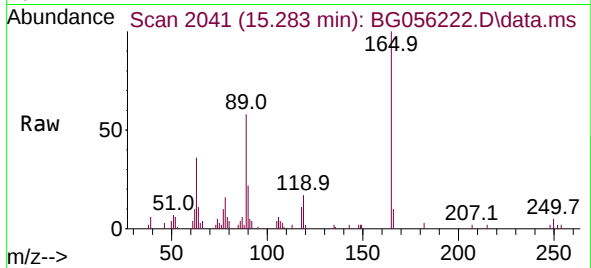
Tgt Ion:168 Resp: 78900
Ion Ratio Lower Upper
168 100
139 32.8 25.0 37.4





#57
2,4-Dinitrotoluene
Concen: 3.769 ng/ul
RT: 15.283 min Scan# 2041
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

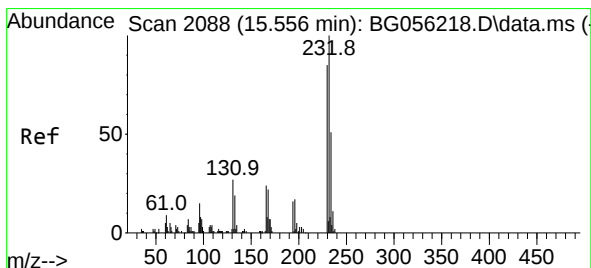
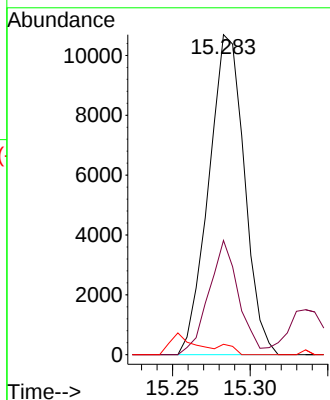
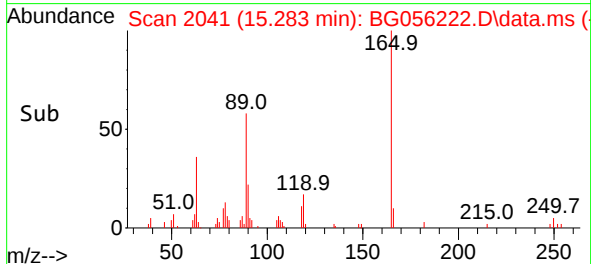
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



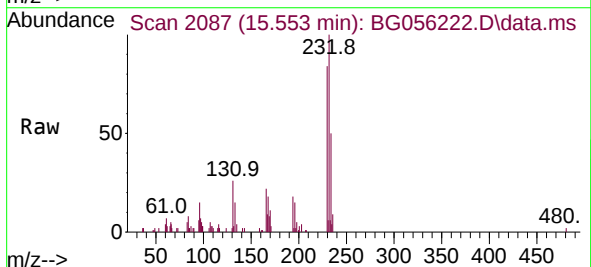
Tgt Ion:165 Resp: 17069
Ion Ratio Lower Upper
165 100
63 35.7 20.9 31.3
182 3.3 2.7 4.1

Manual Integrations
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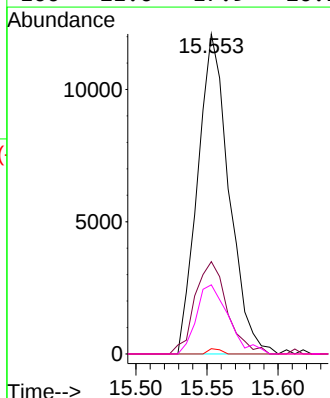
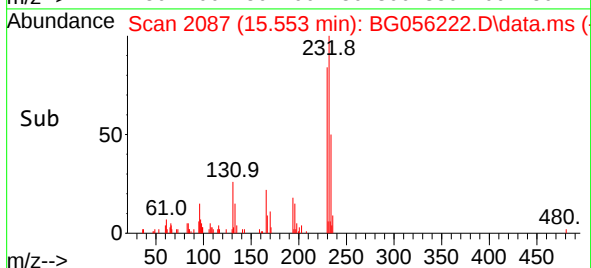
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

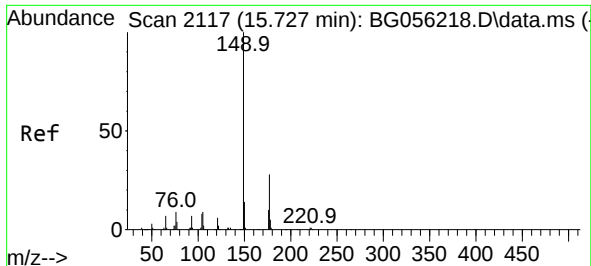


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.720 ng/ul
RT: 15.553 min Scan# 2087
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



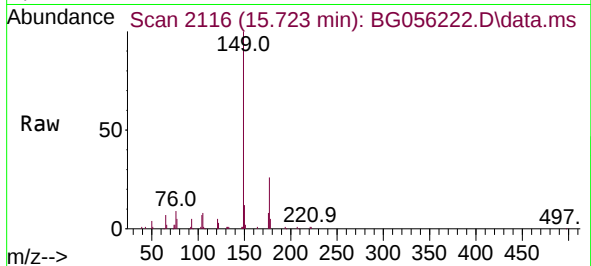
Tgt Ion:232 Resp: 18581
Ion Ratio Lower Upper
232 100
131 28.9 22.9 34.3
130 1.7 1.7 2.5
166 21.6 17.9 26.9





#59
Diethylphthalate
Concen: 4.211 ng/ul
RT: 15.723 min Scan# 2116
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

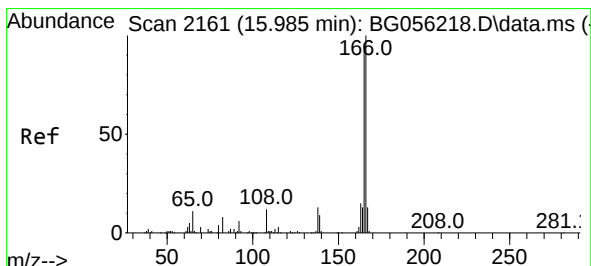
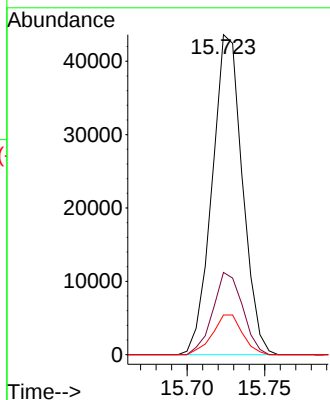
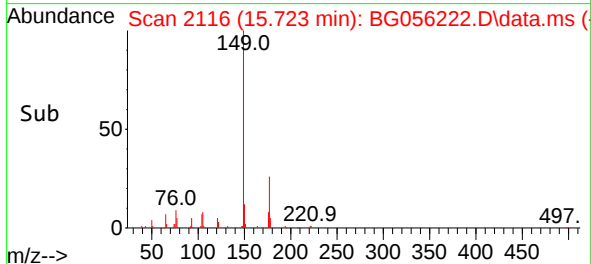
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion:149 Resp: 59260
Ion Ratio Lower Upper
149 100
177 25.7 20.2 30.4
150 12.4 9.9 14.9

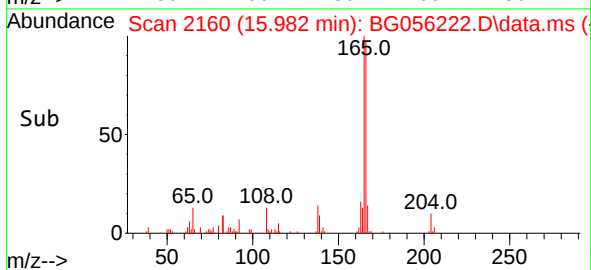
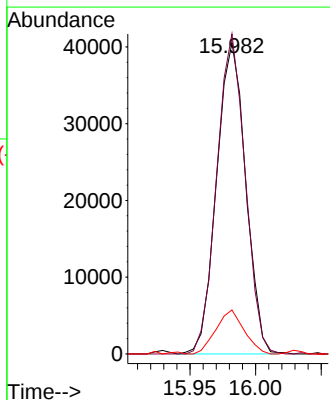
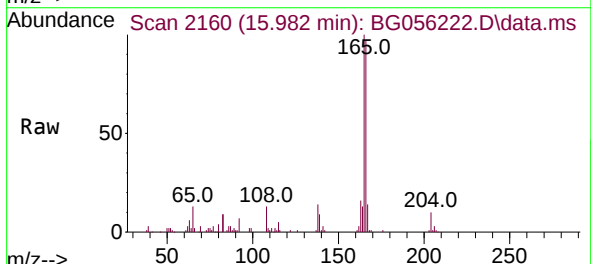
Manual Integrations
APPROVED

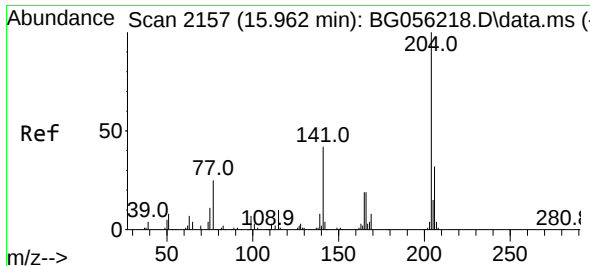
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#61
Fluorene
Concen: 4.250 ng/ul
RT: 15.982 min Scan# 2160
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

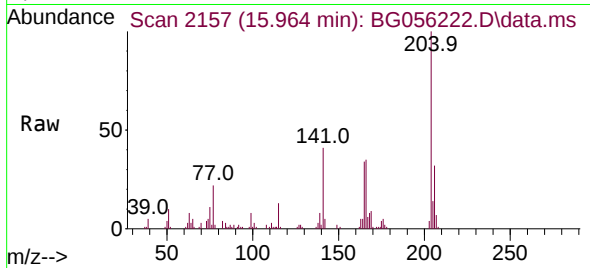
Tgt Ion:166 Resp: 62391
Ion Ratio Lower Upper
166 100
165 102.8 78.5 117.7
167 14.1 10.4 15.6





#62
4-Chlorophenyl-phenylether
Concen: 4.249 ng/ul
RT: 15.964 min Scan# 2157
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

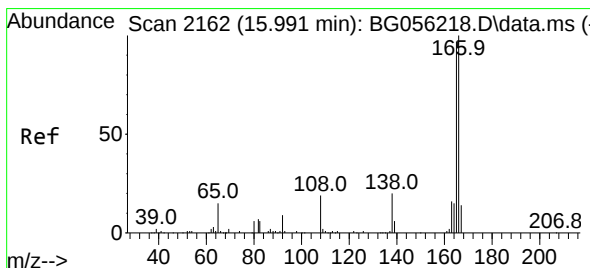
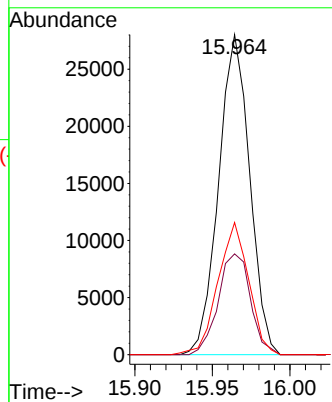
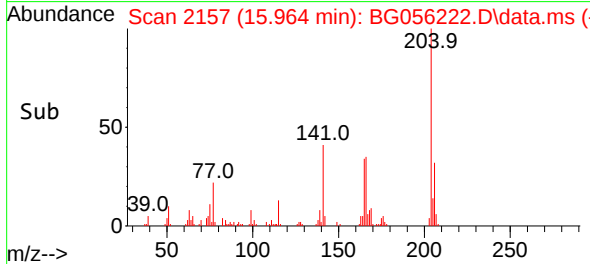
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2022-08



Tgt Ion:204 Resp: 39004
Ion Ratio Lower Upper
204 100
206 31.5 25.0 37.4
141 41.3 31.6 47.4

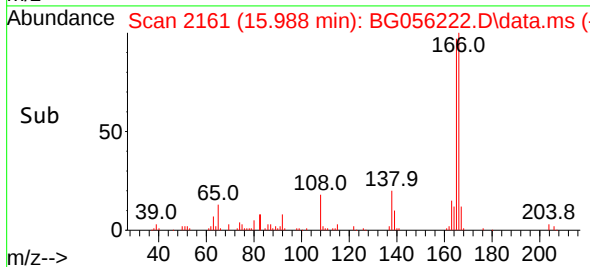
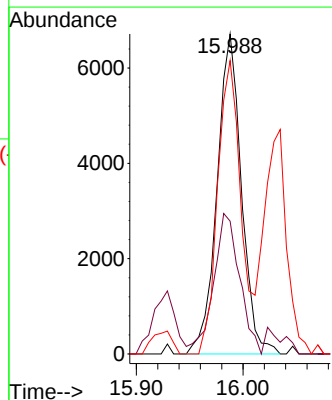
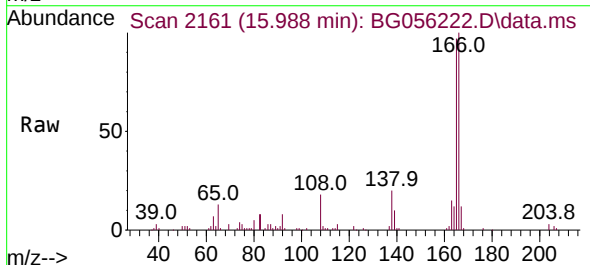
Manual Integrations
APPROVED

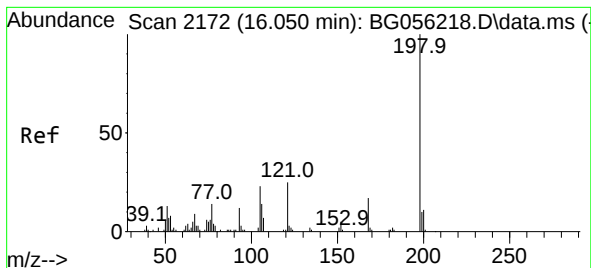
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#63
4-Nitroaniline
Concen: 4.849 ng/ul
RT: 15.988 min Scan# 2161
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

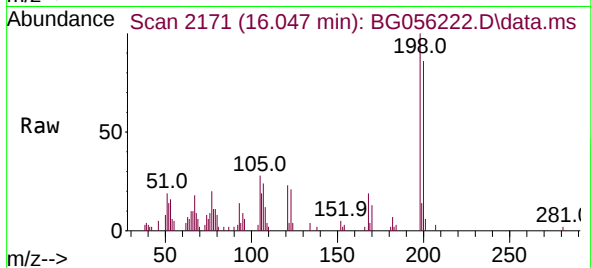
Tgt Ion:138 Resp: 10678
Ion Ratio Lower Upper
138 100
92 41.5 38.8 58.2
108 91.7 75.0 112.4





#66
4,6-Dinitro-2-methylphenol
Concen: 4.571 ng/ul
RT: 16.047 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

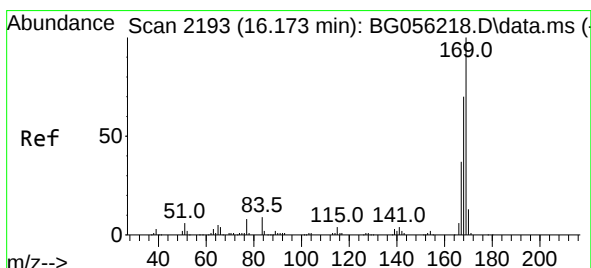
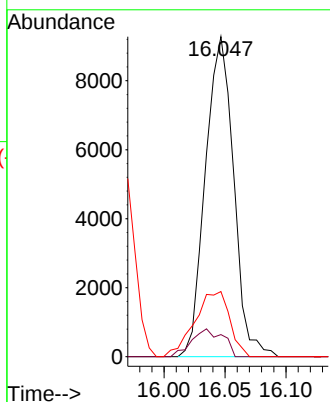
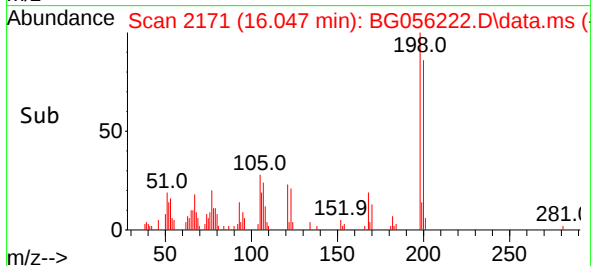
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:198 Resp: 14974
Ion Ratio Lower Upper
198 100
182 6.9 2.2 3.4
77 20.4 11.4 17.2

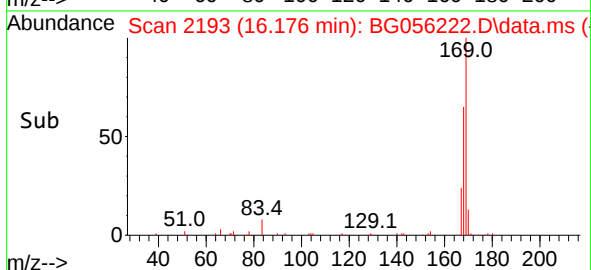
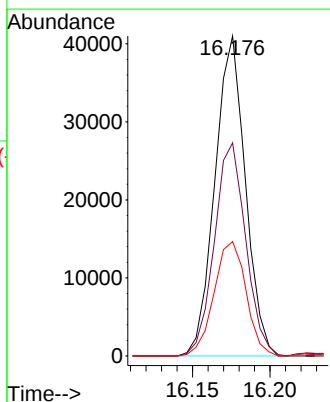
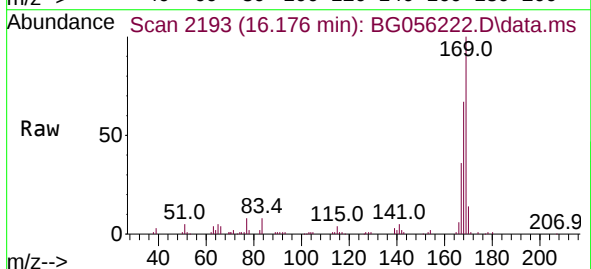
Manual Integrations
APPROVED

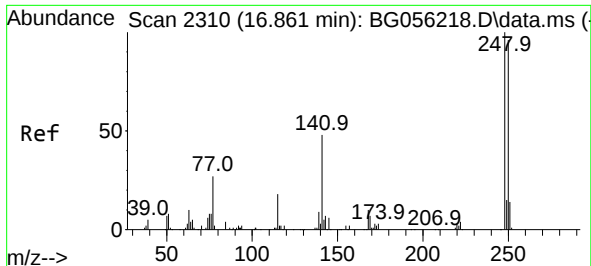
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#67
N-Nitrosodiphenylamine
Concen: 4.294 ng/ul
RT: 16.176 min Scan# 2193
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

Tgt Ion:169 Resp: 55977
Ion Ratio Lower Upper
169 100
168 66.6 56.1 84.1
167 35.7 30.3 45.5





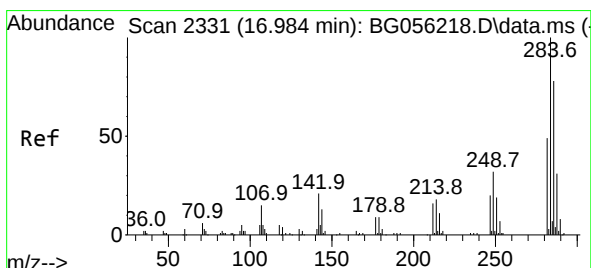
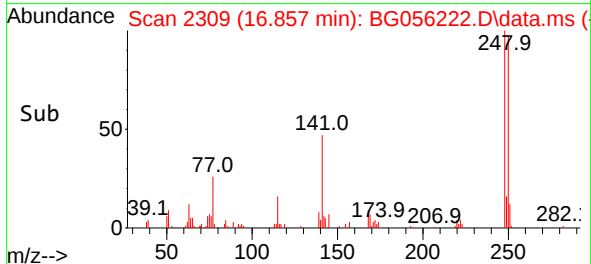
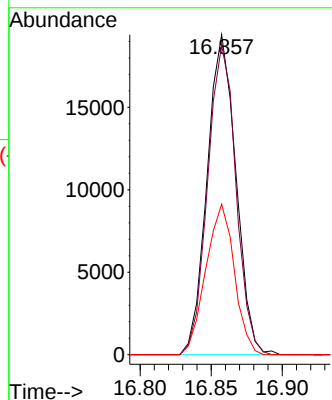
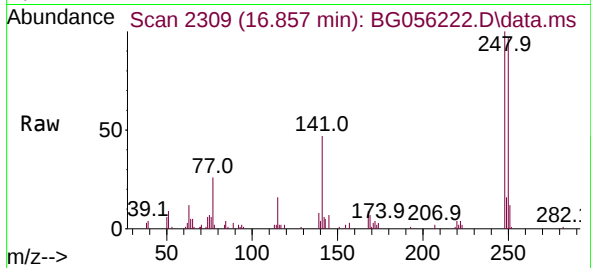
#68
4-Bromophenyl-phenylether
Concen: 4.364 ng/ul
RT: 16.857 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08

Tgt Ion:248 Resp: 2734
Ion Ratio Lower Upper
248 100
250 96.8 74.8 112.2
141 47.0 37.0 55.4

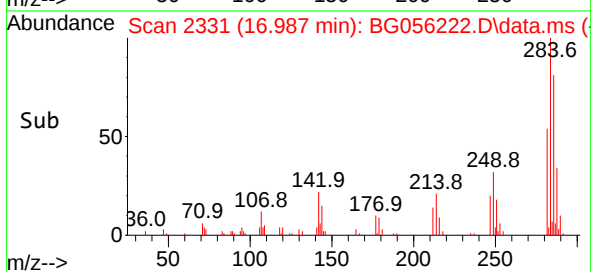
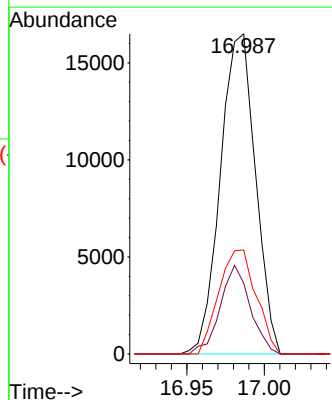
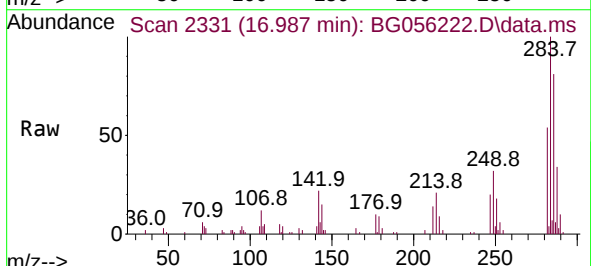
Manual Integrations
APPROVED

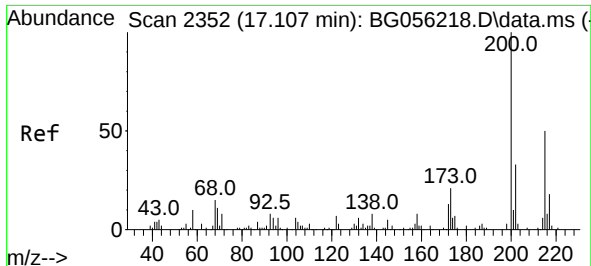
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#69
Hexachlorobenzene
Concen: 4.184 ng/ul
RT: 16.987 min Scan# 2331
Delta R.T. 0.004 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

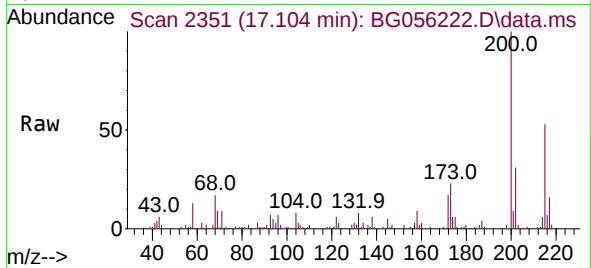
Tgt Ion:284 Resp: 25959
Ion Ratio Lower Upper
284 100
142 20.7 18.9 28.3
249 30.4 26.8 40.2





#70
Atrazine
Concen: 6.033 ng/ul
RT: 17.104 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

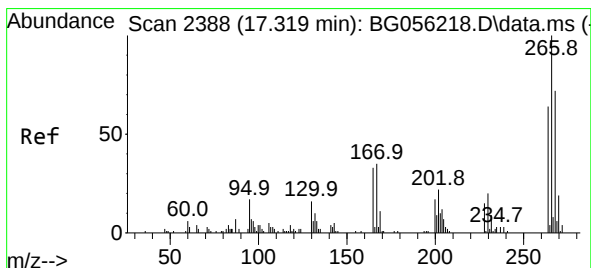
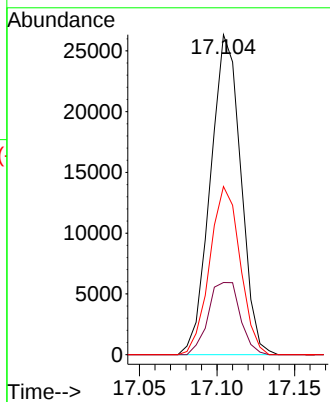
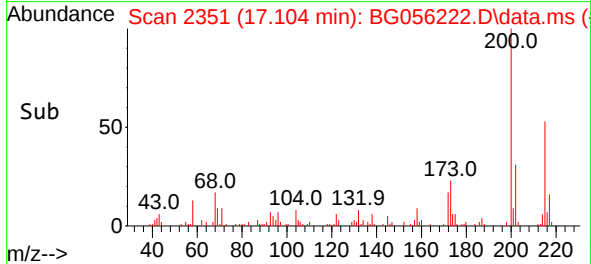
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



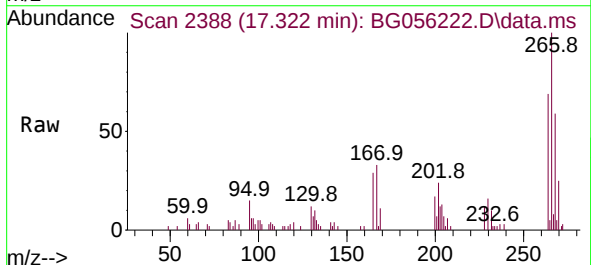
Tgt Ion:200 Resp: 3584
Ion Ratio Lower Upper
200 100
173 22.6 18.0 27.0
215 52.6 40.8 61.2

Manual Integrations
APPROVED

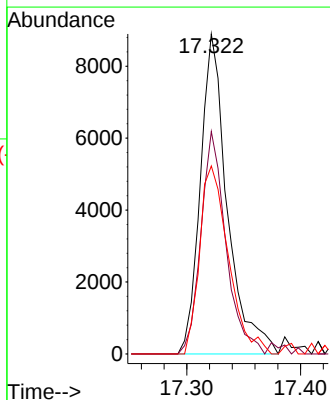
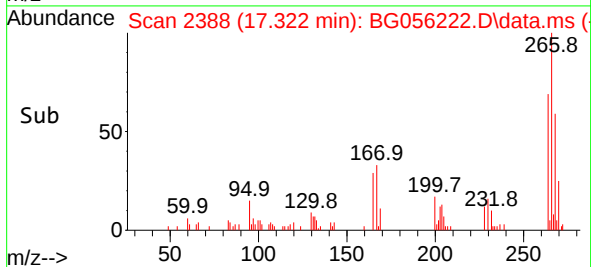
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

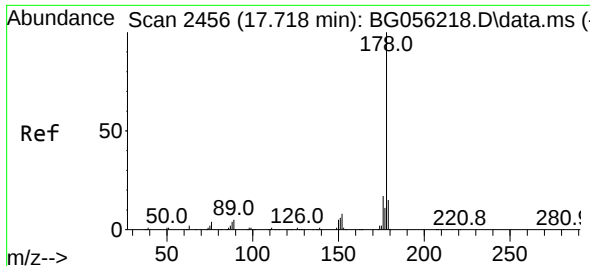


#71
Pentachlorophenol
Concen: 3.708 ng/ul
RT: 17.322 min Scan# 2388
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



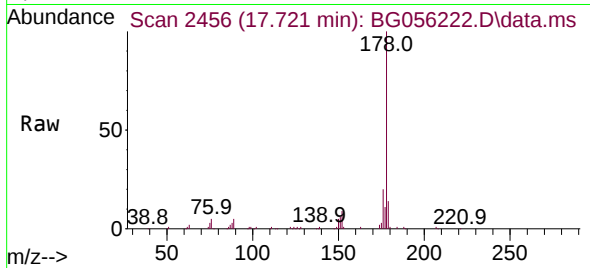
Tgt Ion:266 Resp: 14672
Ion Ratio Lower Upper
266 100
264 69.5 47.7 71.5
268 63.8 54.3 81.5





#72
Phenanthrene
Concen: 4.314 ng/ul
RT: 17.721 min Scan# 2456
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

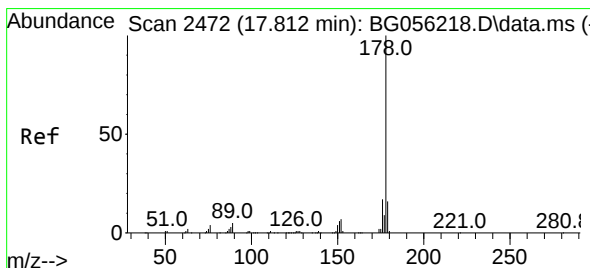
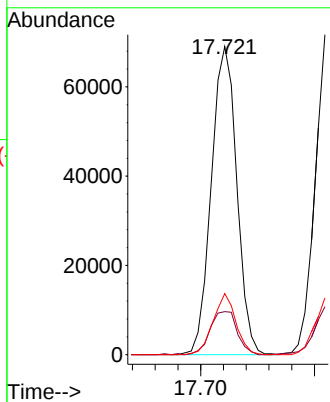
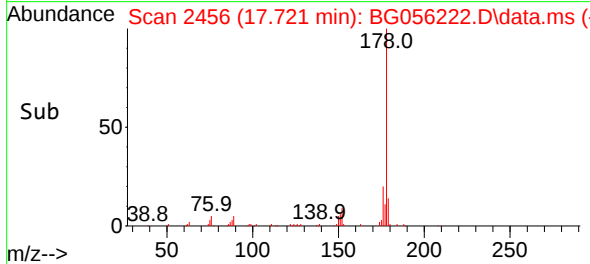
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



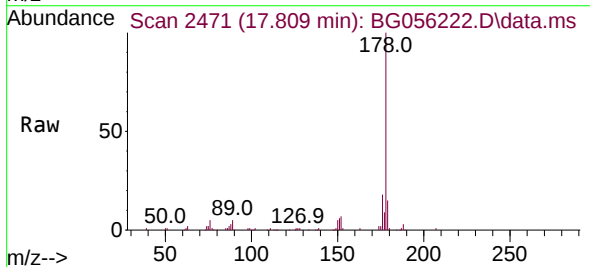
Tgt Ion:178 Resp: 107439
Ion Ratio Lower Upper
178 100
179 14.0 12.4 18.6
176 19.8 15.0 22.6

Manual Integrations
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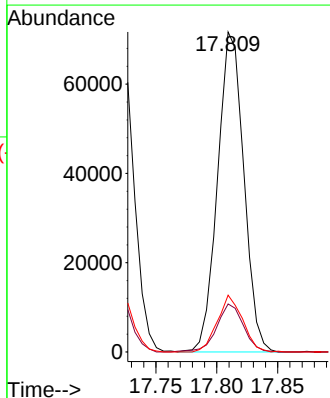
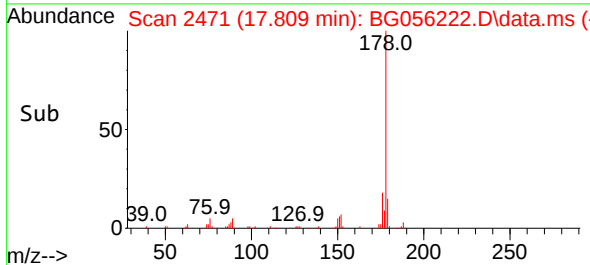
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

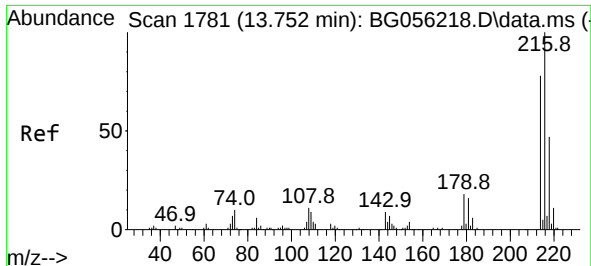


#74
Anthracene
Concen: 4.251 ng/ul
RT: 17.809 min Scan# 2471
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



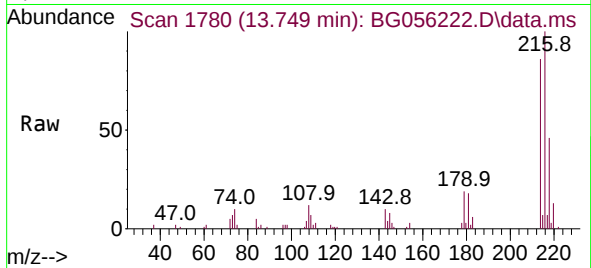
Tgt Ion:178 Resp: 107489
Ion Ratio Lower Upper
178 100
179 15.0 13.0 19.6
176 17.8 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.400 ng/uL
RT: 13.749 min Scan# 1780
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

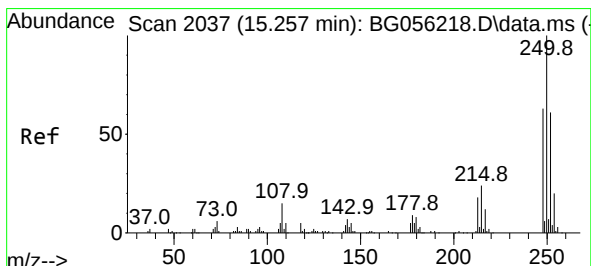
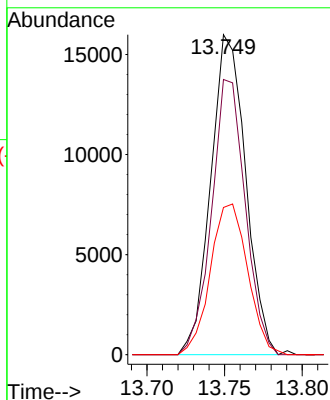
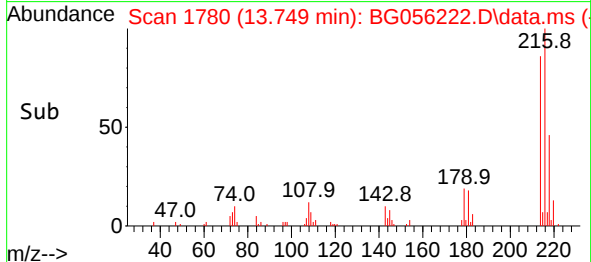
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



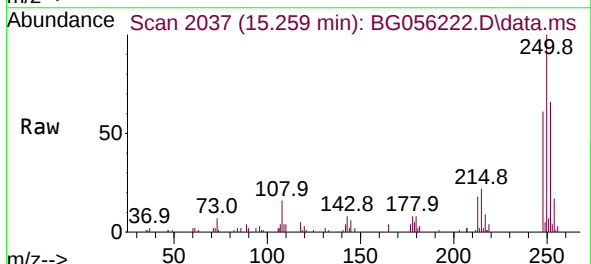
Tgt Ion:216 Resp: 25028
Ion Ratio Lower Upper
216 100
214 86.0 62.4 93.6
218 48.5 39.4 59.0

Manual Integrations
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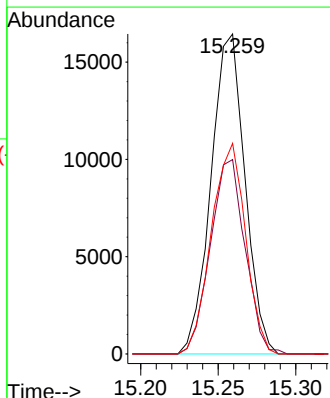
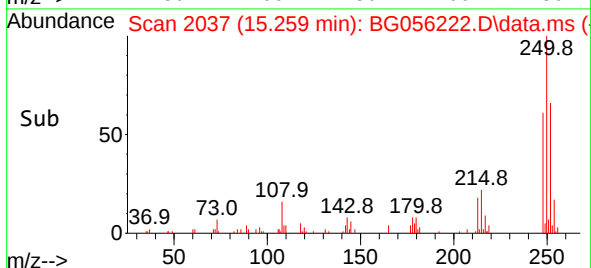
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

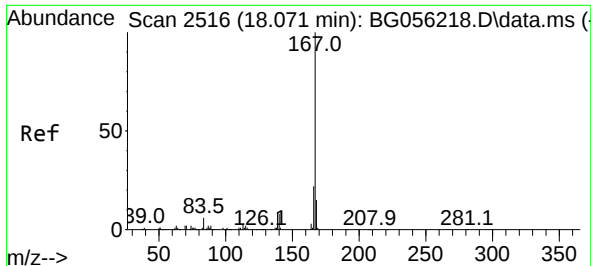


#76
Pentachlorobenzene
Concen: 3.323 ng/uL
RT: 15.259 min Scan# 2037
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28



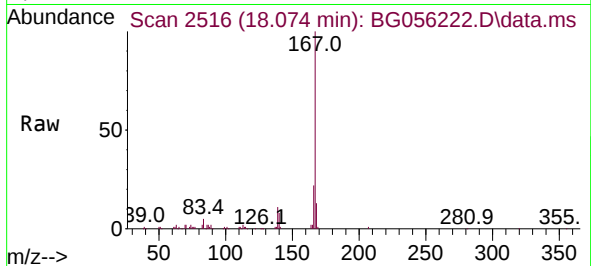
Tgt Ion:250 Resp: 25030
Ion Ratio Lower Upper
250 100
248 60.8 51.6 77.4
252 65.8 55.2 82.8





#77
 Carbazole
 Concen: 4.252 ng/ul
 RT: 18.074 min Scan# 2516
 Delta R.T. -0.002 min
 Lab File: BG056222.D
 Acq: 6 Jan 2023 12:28

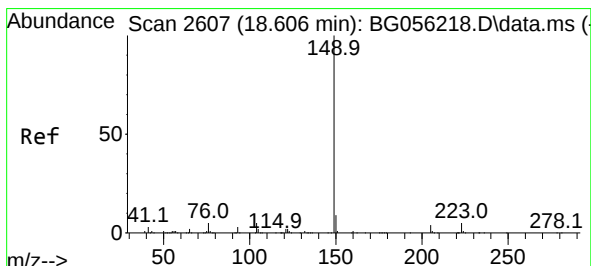
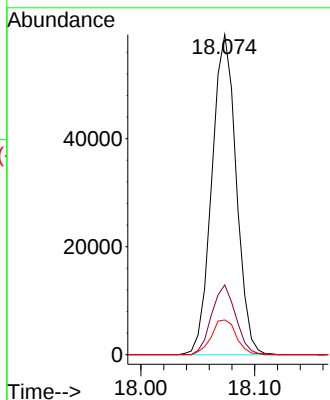
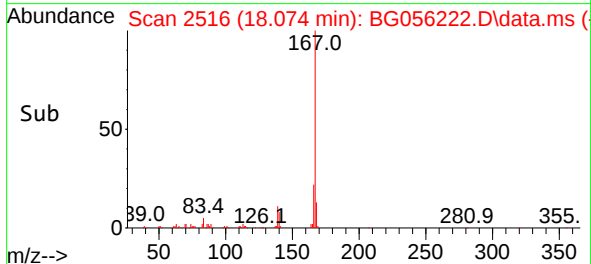
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT4-2022-08



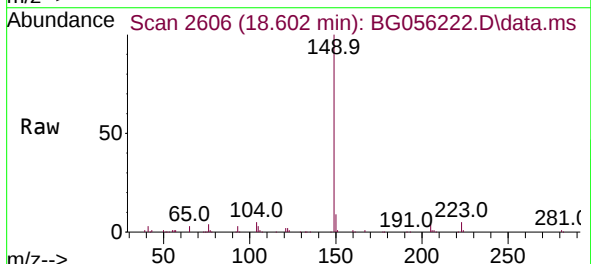
Tgt Ion:167 Resp: 8825
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 10.9 8.6 12.8

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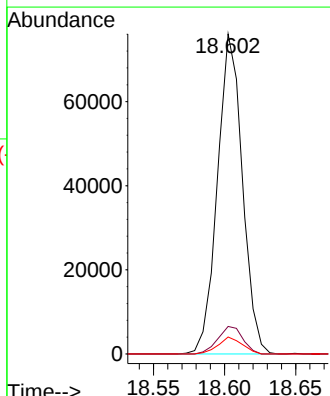
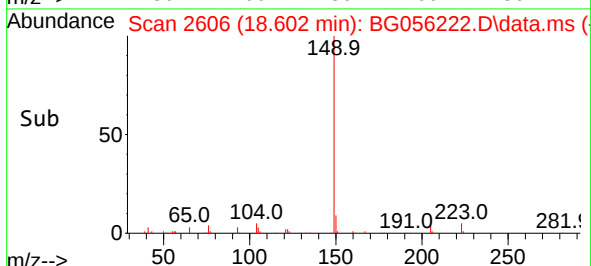
Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

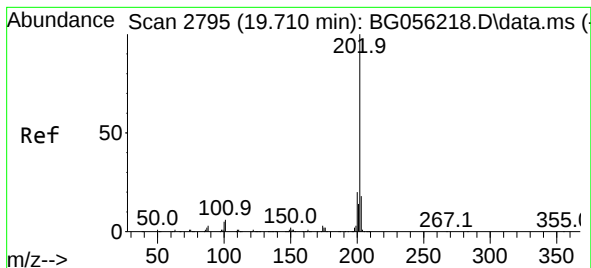


#78
 Di-n-butylphthalate
 Concen: 4.229 ng/ul
 RT: 18.602 min Scan# 2606
 Delta R.T. -0.002 min
 Lab File: BG056222.D
 Acq: 6 Jan 2023 12:28



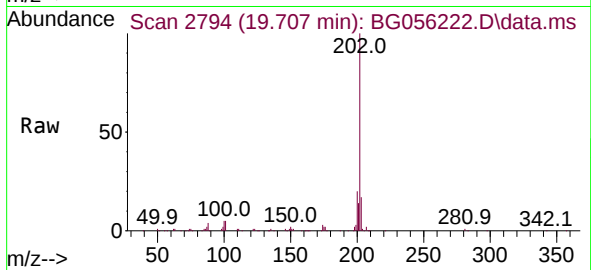
Tgt Ion:149 Resp: 92627
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.1 10.7
 104 5.3 4.2 6.4





#80
Fluoranthene
Concen: 4.214 ng/ul
RT: 19.707 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

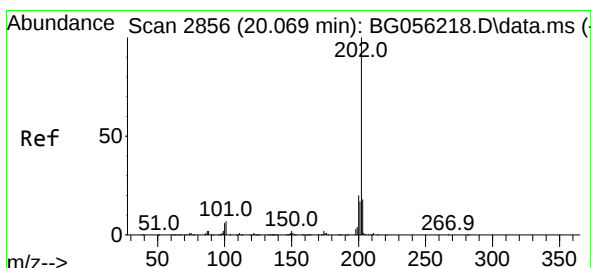
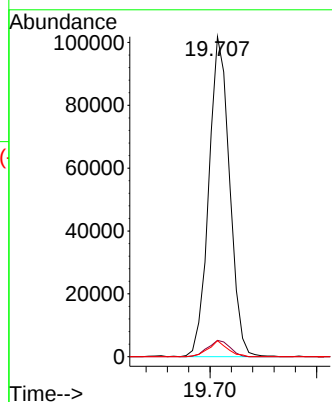
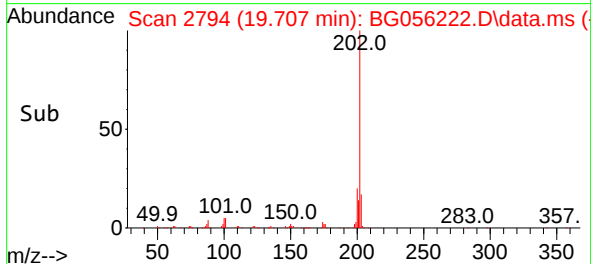
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:202 Resp: 137660
Ion Ratio Lower Upper
202 100
101 5.1 4.4 6.6
100 5.0 3.8 5.6

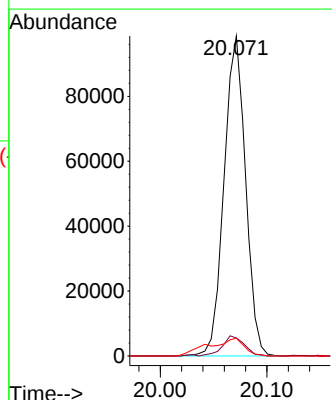
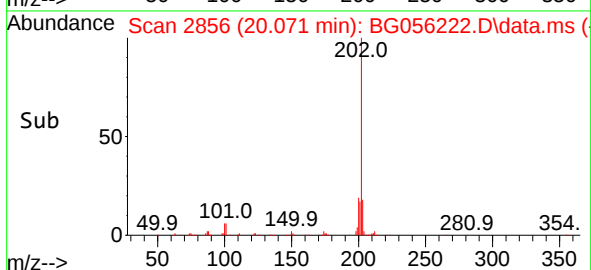
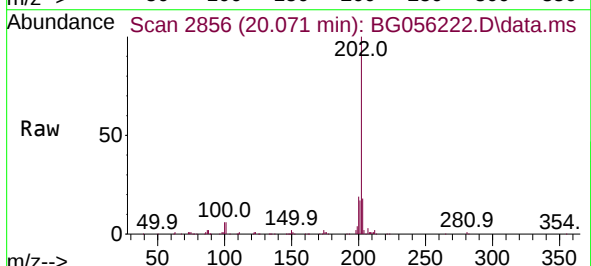
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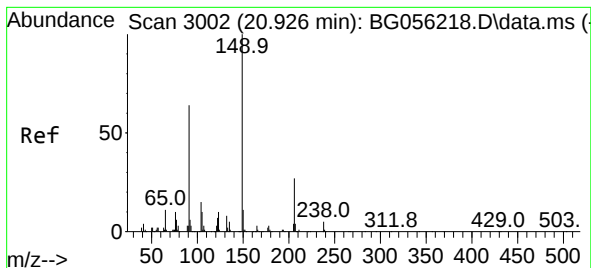
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#82
Pyrene
Concen: 4.220 ng/ul
RT: 20.071 min Scan# 2856
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

Tgt Ion:202 Resp: 137871
Ion Ratio Lower Upper
202 100
101 5.6 5.2 7.8
100 5.6 4.2 6.2





#83

Butylbenzylphthalate

Concen: 3.874 ng/ul

RT: 20.929 min Scan# 30

Delta R.T. -0.002 min

Lab File: BG056222.D

Acq: 6 Jan 2023 12:28

Instrument :

BNA_G

ClientSampleId :

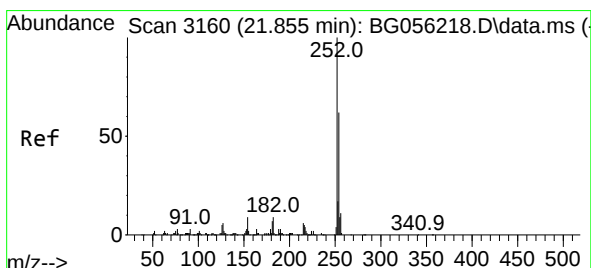
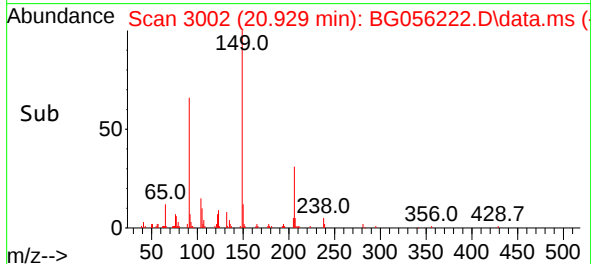
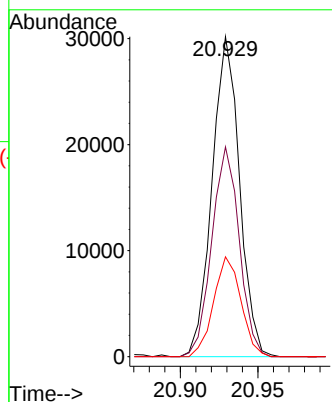
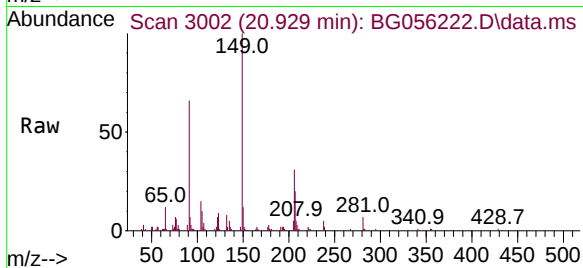
MDL-SOIL-QT4-2022-08

Tgt Ion:	149	Resp:	3712
Ion Ratio	Lower	Upper	
149	100		
91	65.6	50.0	75.0
206	31.2	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#84

3,3'-Dichlorobenzidine

Concen: 5.564 ng/ul

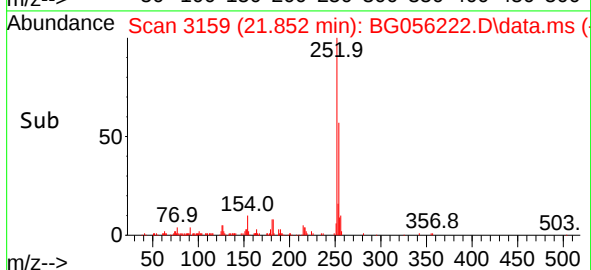
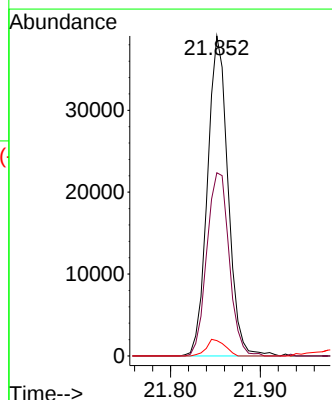
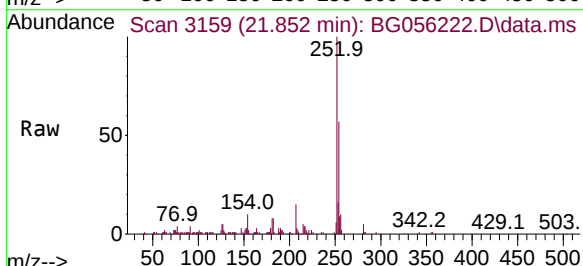
RT: 21.852 min Scan# 3159

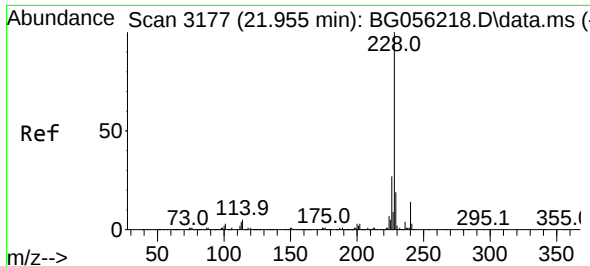
Delta R.T. -0.002 min

Lab File: BG056222.D

Acq: 6 Jan 2023 12:28

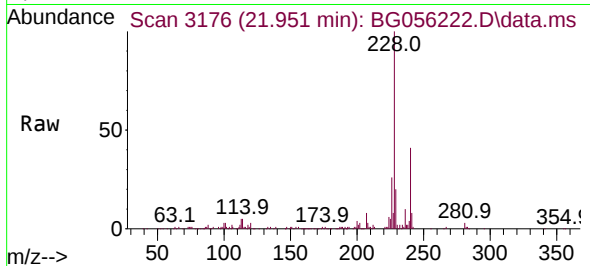
Tgt Ion:	252	Resp:	62124
Ion Ratio	Lower	Upper	
252	100		
254	57.3	51.1	76.7
126	4.8	3.8	5.6





#85
Benzo(a)anthracene
Concen: 4.209 ng/ul
RT: 21.951 min Scan# 3177
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

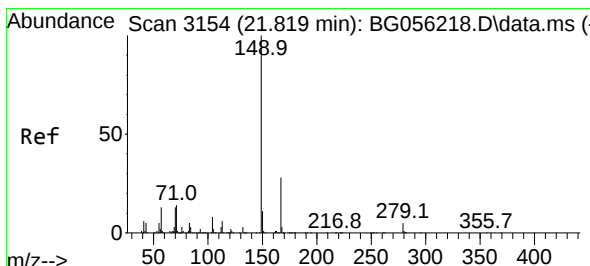
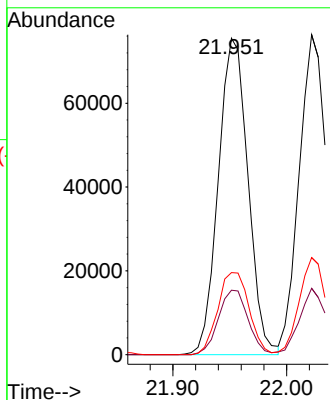
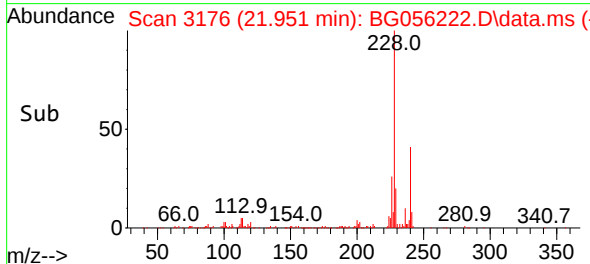
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:228 Resp: 137025
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 25.9 22.2 33.2

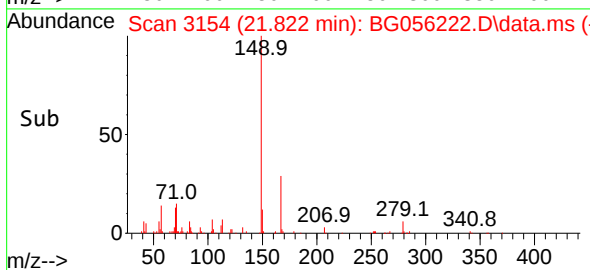
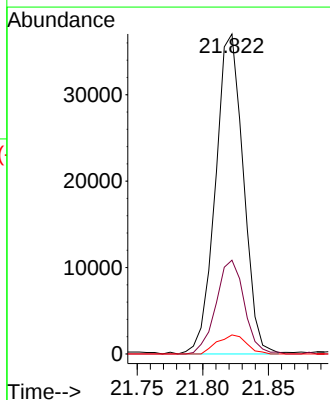
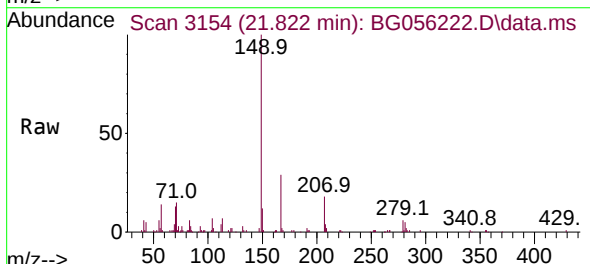
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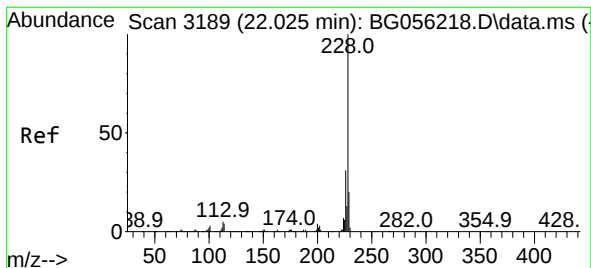
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.947 ng/ul
RT: 21.822 min Scan# 3154
Delta R.T. -0.002 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

Tgt Ion:149 Resp: 54688
Ion Ratio Lower Upper
149 100
167 29.3 23.7 35.5
279 6.0 4.9 7.3





#87

Chrysene

Concen: 4.248 ng/ul

RT: 22.022 min Scan# 3189

Delta R.T. -0.002 min

Lab File: BG056222.D

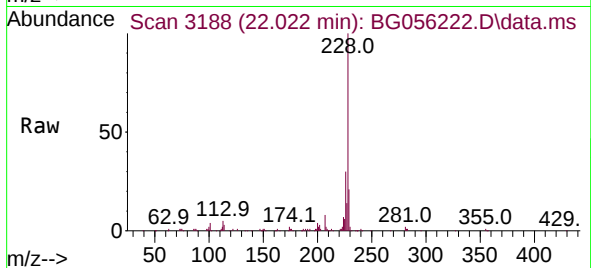
Acq: 6 Jan 2023 12:28

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2022-08



Tgt Ion:228 Resp: 128629

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

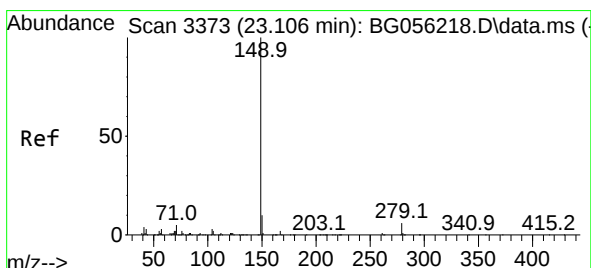
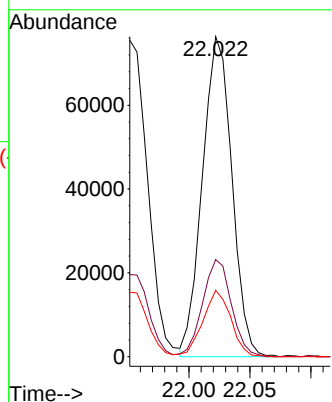
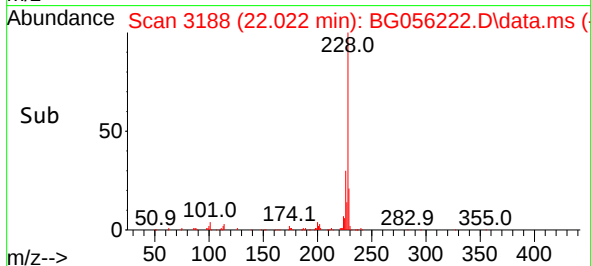
229 20.8 15.8 23.8

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APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023

Supervised By :mohammad ahmed 01/09/2023



#89

Di-n-octyl phthalate

Concen: 4.408 ng/ul

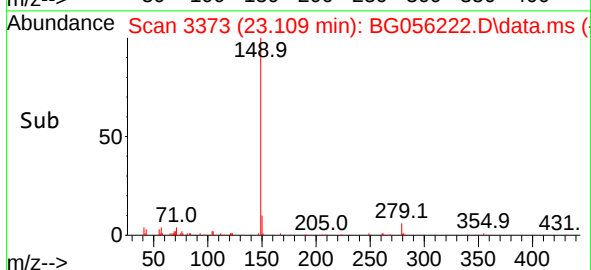
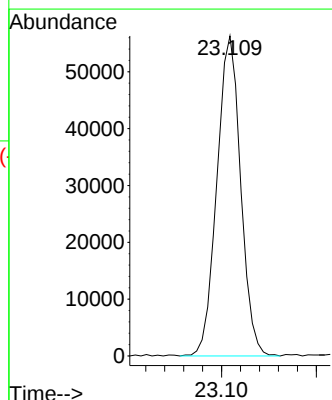
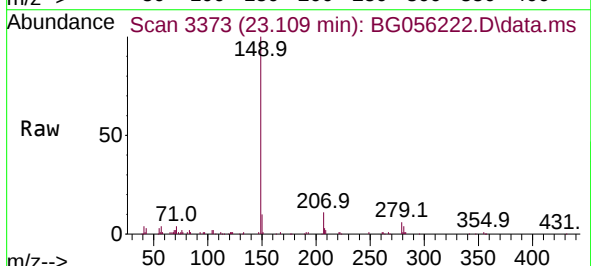
RT: 23.109 min Scan# 3373

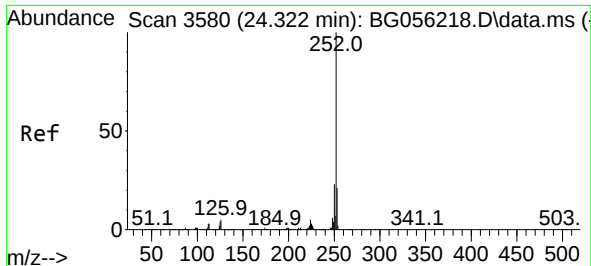
Delta R.T. -0.002 min

Lab File: BG056222.D

Acq: 6 Jan 2023 12:28

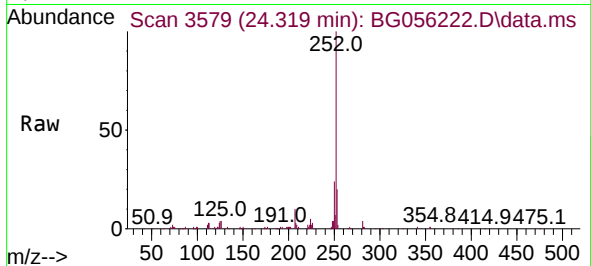
Tgt Ion:149 Resp: 97993





#90
Benzo(b)fluoranthene
Concen: 4.259 ng/ul
RT: 24.319 min Scan# 3579
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

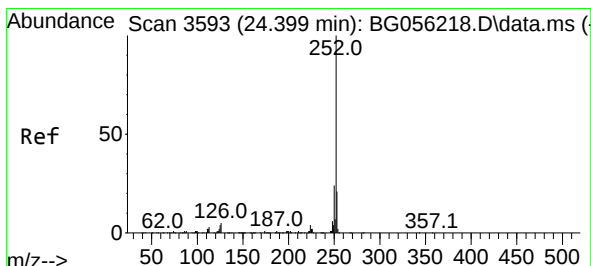
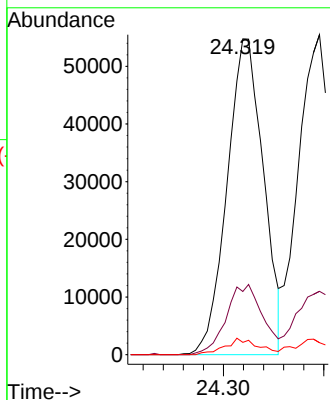
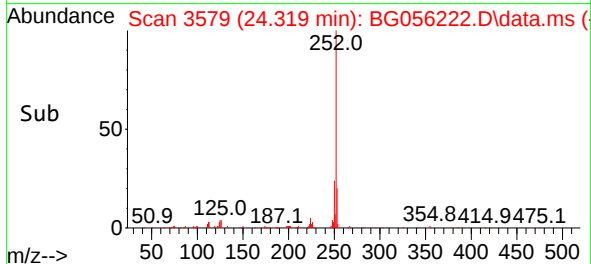
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:252 Resp: 137690
Ion Ratio Lower Upper
252 100
253 20.0 17.4 26.2
125 3.9 3.0 4.4

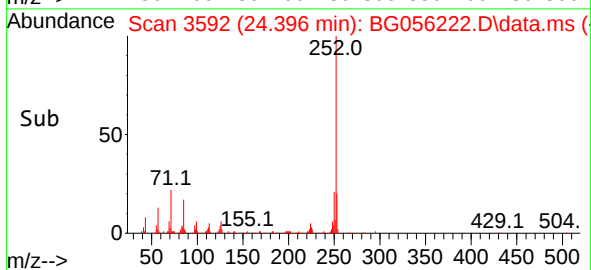
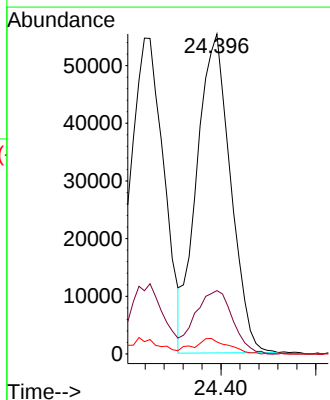
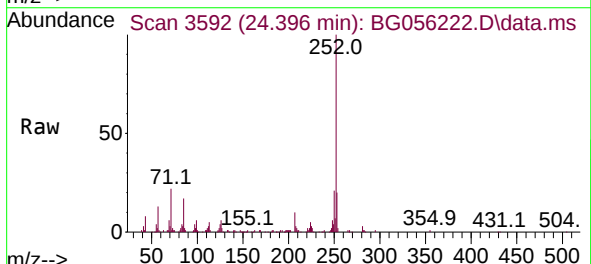
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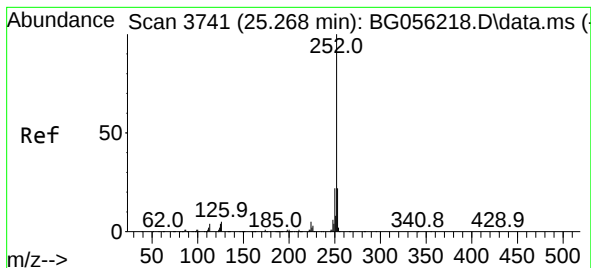
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#91
Benzo(k)fluoranthene
Concen: 4.313 ng/ul
RT: 24.396 min Scan# 3592
Delta R.T. -0.008 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

Tgt Ion:252 Resp: 136459
Ion Ratio Lower Upper
252 100
253 19.8 18.0 27.0
125 3.7 3.1 4.7





#93

Benzo(a)pyrene

Concen: 4.453 ng/ul

RT: 25.259 min Scan# 3739

Delta R.T. -0.014 min

Lab File: BG056222.D

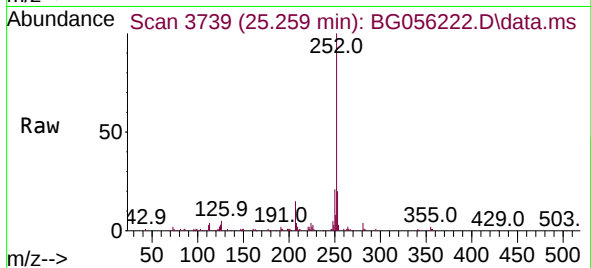
Acq: 6 Jan 2023 12:28

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2022-08



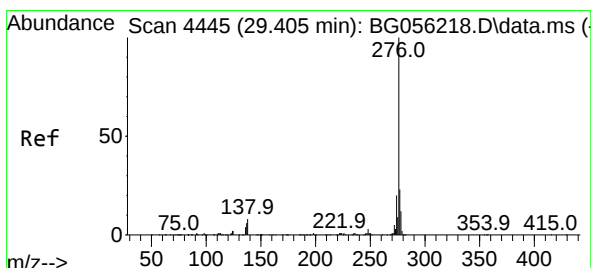
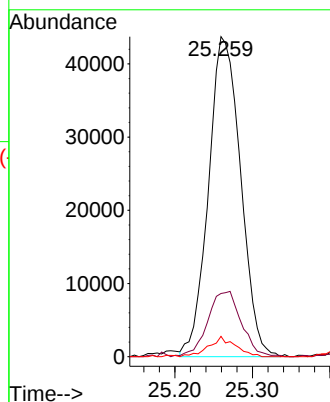
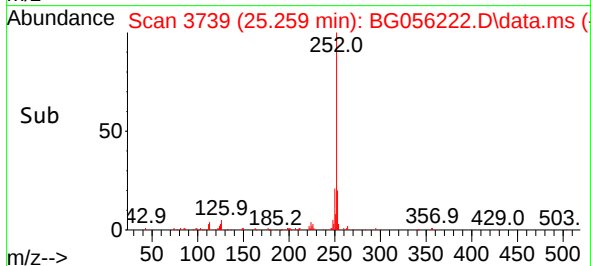
Tgt Ion:252 Resp: 12604

Ion	Ratio	Lower	Upper
252	100		
253	19.7	17.3	25.9
125	6.4	3.2	4.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.311 ng/ul

RT: 29.401 min Scan# 4444

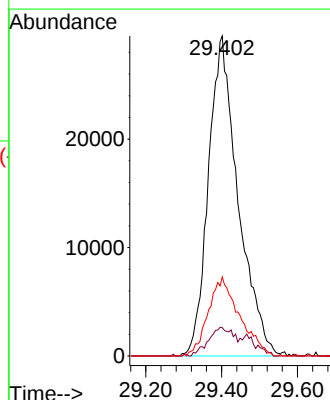
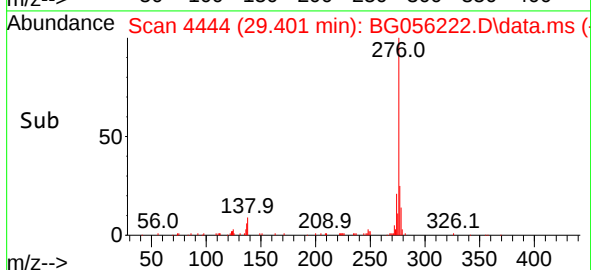
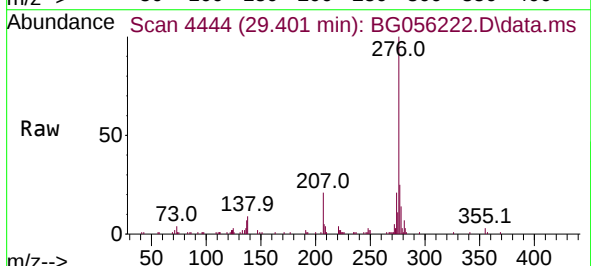
Delta R.T. -0.008 min

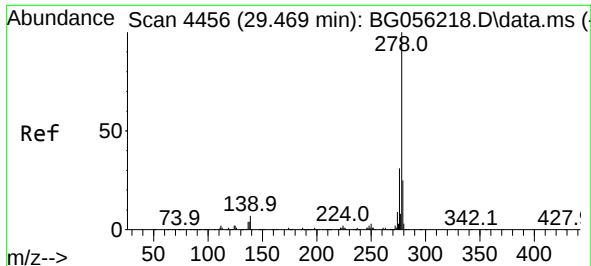
Lab File: BG056222.D

Acq: 6 Jan 2023 12:28

Tgt Ion:276 Resp: 160521

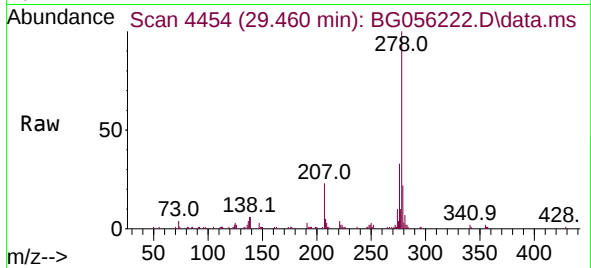
Ion	Ratio	Lower	Upper
276	100		
138	8.9	6.2	9.2
277	24.7	19.8	29.6





#95
Dibenzo(a,h)anthracene
Concen: 4.371 ng/ul m
RT: 29.460 min Scan# 4456
Delta R.T. -0.014 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

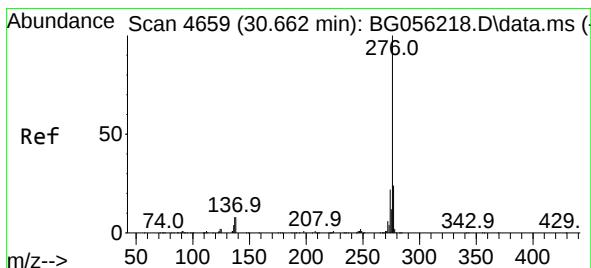
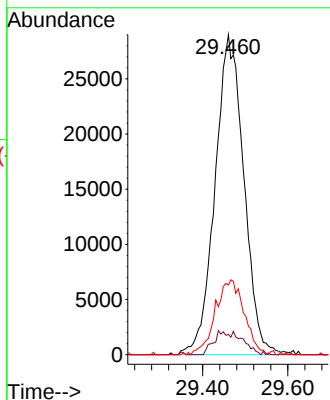
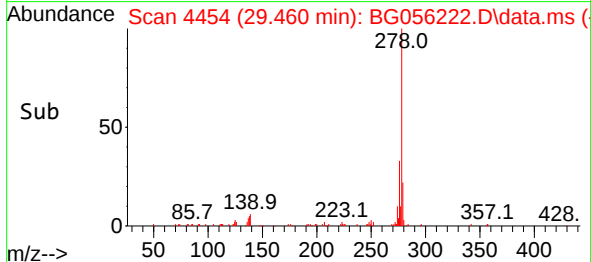
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:278 Resp: 136025
Ion Ratio Lower Upper
278 100
139 6.4 5.0 7.4
279 21.8 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#96
Benzo(g,h,i)perylene
Concen: 4.275 ng/ul
RT: 30.641 min Scan# 4655
Delta R.T. -0.026 min
Lab File: BG056222.D
Acq: 6 Jan 2023 12:28

Tgt Ion:276 Resp: 128700
Ion Ratio Lower Upper
276 100
138 10.0 5.8 8.8#
277 19.9 19.1 28.7

