

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011023\
 Data File : BG056240.D
 Acq On : 10 Jan 2023 12:19
 Operator : CG/JU
 Sample : N4239-04
 Misc : SFAM-MDL-S-02-4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT3-2022-06

Quant Time: Jan 10 13:02:15 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 01/10/2023
 Supervised By :mohammad ahmed 01/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	57840	20.000	ng/u1	0.00
20) Naphthalene-d8	11.166	136	225934	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.944	164	190572	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.676	188	480383	20.000	ng/u1	0.00
79) Chrysene-d12	21.977	240	484682	20.000	ng/u1	0.00
88) Perylene-d12	25.432	264	495437	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.634	96	5155	4.037	ng/uL	0.00
4) Pyridine-d5	4.069	84	53333	13.073	ng/u1	0.00
7) Phenol-d5	7.459	99	87695	17.186	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.635	67	38113	18.215	ng/u1	0.00
11) 2-Chlorophenol-d4	7.858	132	61353	17.969	ng/u1	0.00
15) 4-Methylphenol-d8	9.022	113	70269	17.282	ng/u1	0.00
21) Nitrobenzene-d5	9.503	128	32631	18.290	ng/u1	0.00
24) 2-Nitrophenol-d4	10.232	143	40128	17.199	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.767	165	79082	17.004	ng/u1	0.00
31) 4-Chloroaniline-d4	11.284	131	89538	17.107	ng/u1	0.00
46) Dimethylphthalate-d6	14.327	166	264826	17.514	ng/u1	0.00
49) Acenaphthylene-d8	14.638	160	295676	17.800	ng/u1	0.00
54) 4-Nitrophenol-d4	15.103	143	38359	16.070	ng/u1	0.00
60) Fluorene-d10	15.925	176	248834	17.618	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.031	200	51606	15.290	ng/u1	0.00
73) Anthracene-d10	17.776	188	386617	17.510	ng/u1	0.00
81) Pyrene-d10	20.038	212	485381	17.116	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.191	264	476600	18.759	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.669	88	1829m	1.285	ng/uL	
5) Pyridine	4.086	79	14967	3.748	ng/u1#	67
6) Benzaldehyde	7.459	77	9782	5.464	ng/u1	92
8) Phenol	7.488	94	21527	4.272	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.729	93	14845	4.255	ng/u1	94
12) 2-Chlorophenol	7.888	128	14618	4.354	ng/u1	98
13) 2-Methylphenol	8.757	108	15727	4.062	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.857	45	2926m	4.614	ng/u1	
16) Acetophenone	9.157	105	26288	4.202	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.127	70	11009	3.973	ng/u1#	88
18) 4-Methylphenol	9.080	108	16758	3.985	ng/u1	91
19) Hexachloroethane	9.433	117	6270	4.798	ng/u1	90
22) Nitrobenzene	9.544	77	17800	4.394	ng/u1#	94
23) Isophorone	10.061	82	34525	4.043	ng/u1	96
25) 2-Nitrophenol	10.267	139	9108	4.045	ng/u1#	91
26) 2,4-Dimethylphenol	10.302	107	17559	3.808	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.543	93	20532	4.292	ng/u1	97
29) 2,4-Dichlorophenol	10.796	162	18459	4.210	ng/u1	93
30) Naphthalene	11.213	128	51807	4.381	ng/u1	98
32) 4-Chloroaniline	11.313	127	21089	3.944	ng/u1	94
33) Hexachlorobutadiene	11.495	225	16998	4.519	ng/u1	98
34) Caprolactam	12.059	113	5980	4.345	ng/u1#	88
35) 4-Chloro-3-methylphenol	12.400	107	17348	4.033	ng/u1	94
36) 2-Methylnaphthalene	12.794	142	39562	4.380	ng/u1	98

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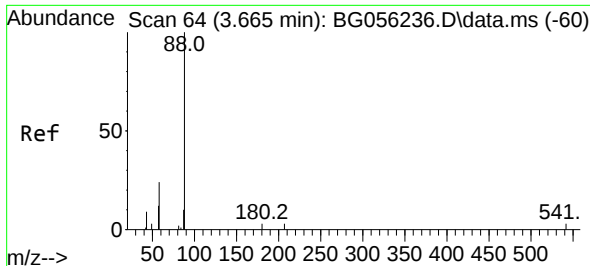
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 QLast Update : Thu Jan 05 01:03:13 2023
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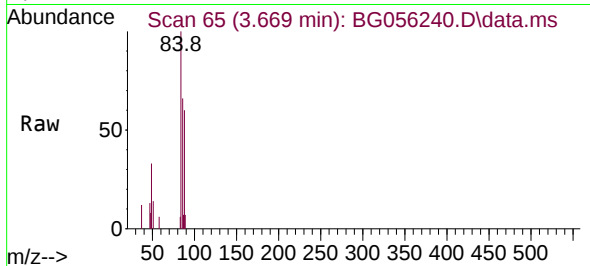
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.011	142	36065	3.882	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.152	216	31587	4.282	ng/ul	94
40) Hexachlorocyclopentadiene	13.128	237	14683	2.928	ng/ul#	80
41) 2,4,6-Trichlorophenol	13.381	196	18189	3.883	ng/ul#	95
42) 2,4,5-Trichlorophenol	13.452	196	19264	3.781	ng/ul#	96
43) 1,1'-Biphenyl	13.781	154	60179	4.387	ng/ul	96
44) 2-Chloronaphthalene	13.828	162	48152	4.280	ng/ul	98
45) 2-Nitroaniline	14.016	65	7710	3.591	ng/ul	94
47) Dimethylphthalate	14.374	163	59978	4.013	ng/ul	99
48) 2,6-Dinitrotoluene	14.503	165	12027	3.833	ng/ul#	94
50) Acenaphthylene	14.668	152	70009	4.161	ng/ul	99
51) 3-Nitroaniline	14.832	138	10970	4.616	ng/ul	93
52) Acenaphthene	15.009	153	48183	4.139	ng/ul	99
53) 2,4-Dinitrophenol	15.038	184	9610	4.283	ng/ul	90
55) 4-Nitrophenol	15.114	109	7980	3.574	ng/ul	94
56) Dibenzofuran	15.332	168	77477	4.305	ng/ul	99
57) 2,4-Dinitrotoluene	15.285	165	17550	3.925	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.555	232	17851	3.619	ng/ul	97
59) Diethylphthalate	15.725	149	56912	4.096	ng/ul	97
61) Fluorene	15.978	166	60517	4.175	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.960	204	38676	4.267	ng/ul	98
63) 4-Nitroaniline	15.984	138	9844	4.528	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.043	198	13869	4.305	ng/ul#	92
67) N-Nitrosodiphenylamine	16.172	169	54891	4.282	ng/ul	97
68) 4-Bromophenyl-phenylether	16.854	248	25098	4.073	ng/ul	95
69) Hexachlorobenzene	16.983	284	26623	4.363	ng/ul	92
70) Atrazine	17.100	200	27831	4.763	ng/ul	92
71) Pentachlorophenol	17.318	266	13453m	3.457	ng/ul	
72) Phenanthrene	17.717	178	104257	4.257	ng/ul	97
74) Anthracene	17.811	178	101912	4.098	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.751	216	28912	3.993	ng/uL	98
76) Pentachlorobenzene	15.255	250	27280	3.682	ng/uL	95
77) Carbazole	18.070	167	88597	4.340	ng/ul	98
78) Di-n-butylphthalate	18.604	149	87892	4.081	ng/ul	99
80) Fluoranthene	19.709	202	134227	4.002	ng/ul	99
82) Pyrene	20.067	202	134790	4.019	ng/ul	98
83) Butylbenzylphthalate	20.925	149	38940	3.958	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.854	252	53405	4.660	ng/ul	95
85) Benzo(a)anthracene	21.953	228	139283	4.167	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.818	149	56643	3.982	ng/ul#	96
87) Chrysene	22.024	228	129974	4.182	ng/ul	99
89) Di-n-octyl phthalate	23.105	149	97080	4.268	ng/ul	100
90) Benzo(b)fluoranthene	24.321	252	144624	4.372	ng/ul#	96
91) Benzo(k)fluoranthene	24.392	252	140953	4.355	ng/ul#	96
93) Benzo(a)pyrene	25.267	252	123602	4.268	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.392	276	162395	4.263	ng/ul	96
95) Dibenzo(a,h)anthracene	29.468	278	134056	4.211	ng/ul	99
96) Benzo(g,h,i)perylene	30.643	276	131856	4.281	ng/ul#	99

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



#2
1,4-Dioxane
Concen: 1.285 ng/uL m
RT: 3.669 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

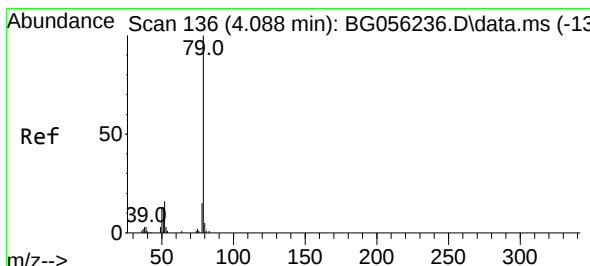
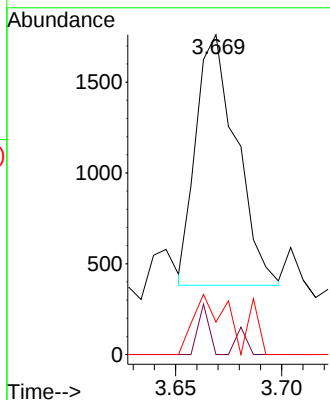
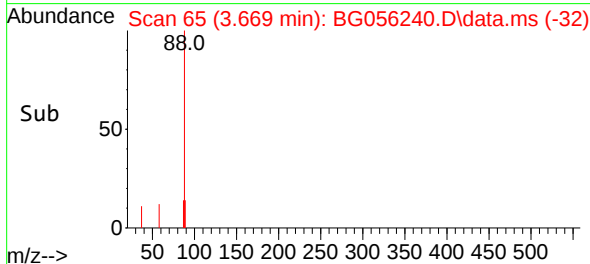
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion: 88 Resp: 1829
Ion Ratio Lower Upper
88 100
43 0.0 6.8 10.2
58 10.2 20.0 30.0

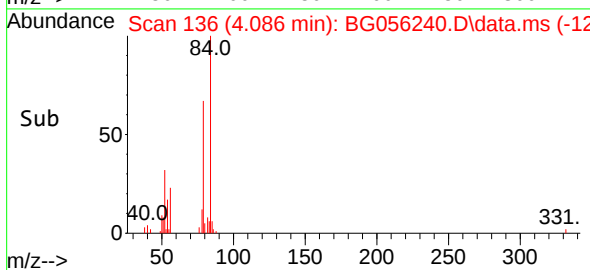
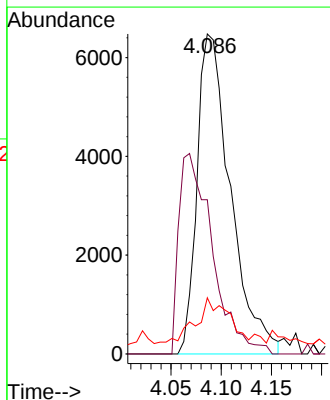
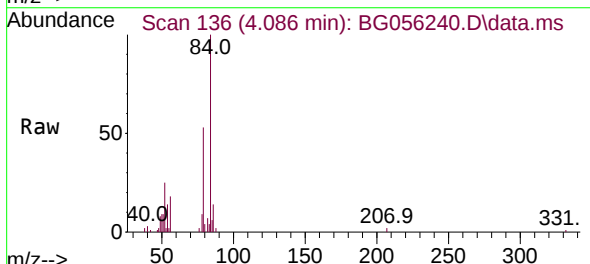
Manual Integrations
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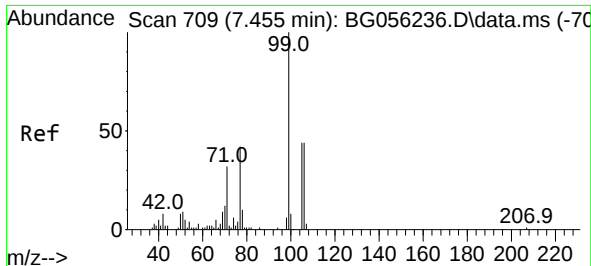
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#5
Pyridine
Concen: 3.748 ng/uL
RT: 4.086 min Scan# 136
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

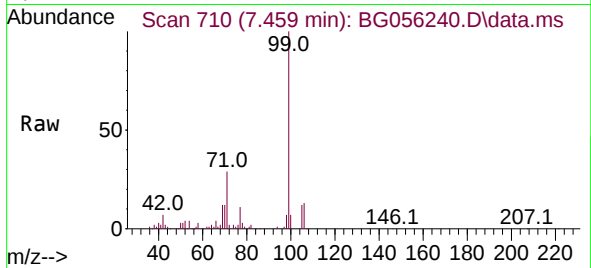
Tgt Ion: 79 Resp: 14967
Ion Ratio Lower Upper
79 100
52 48.2 16.6 25.0
51 17.5 13.4 20.2





#6
Benzaldehyde
Concen: 5.464 ng/ul
RT: 7.459 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

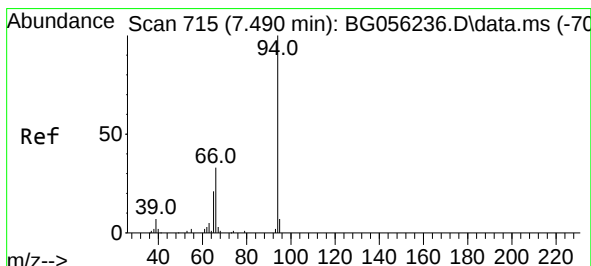
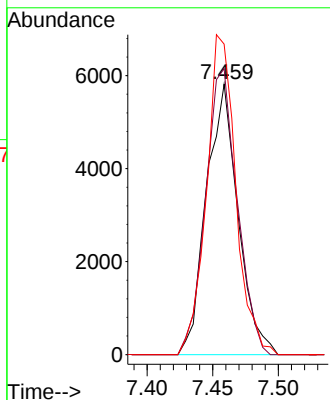
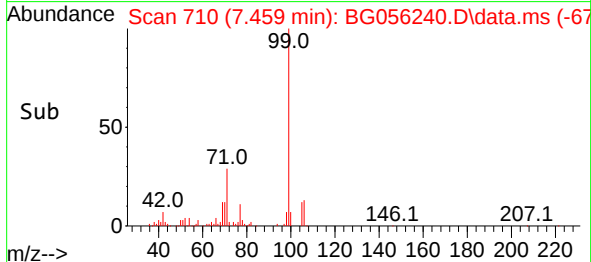
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion: 77 Resp: 9782
Ion Ratio Lower Upper
77 100
105 105.7 86.5 129.7
106 114.8 80.8 121.2

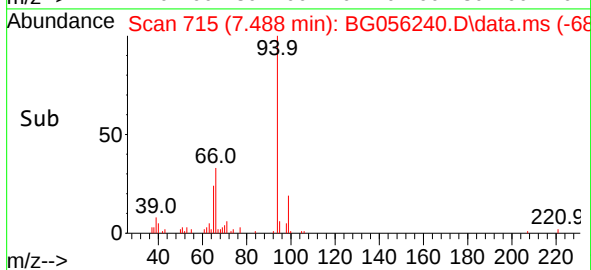
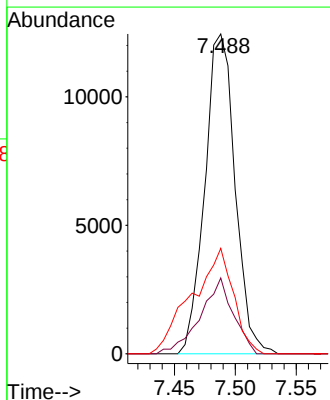
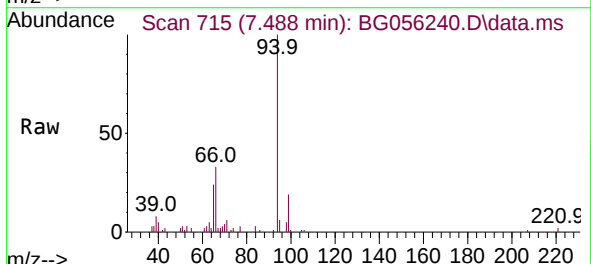
Manual Integrations
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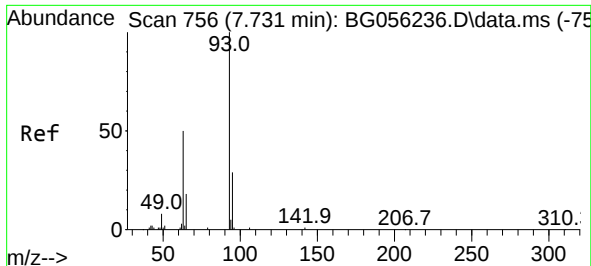
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#8
Phenol
Concen: 4.272 ng/ul
RT: 7.488 min Scan# 715
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

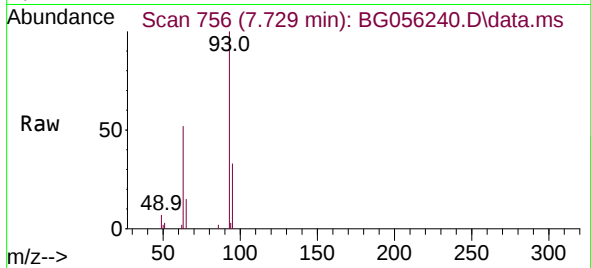
Tgt Ion: 94 Resp: 21527
Ion Ratio Lower Upper
94 100
65 23.7 15.9 23.9
66 33.0 24.6 37.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.255 ng/ul
RT: 7.729 min Scan# 756
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

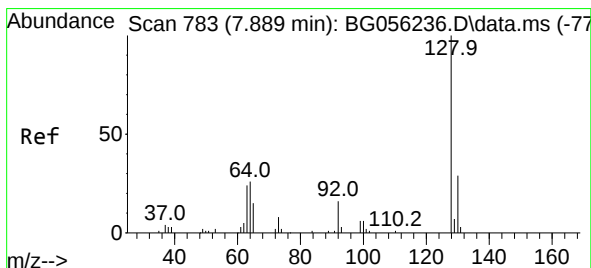
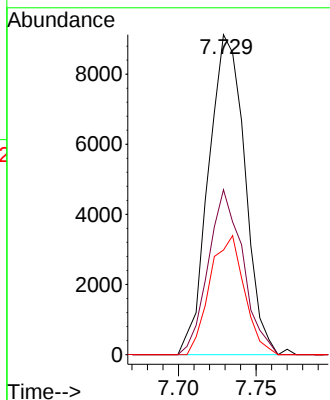
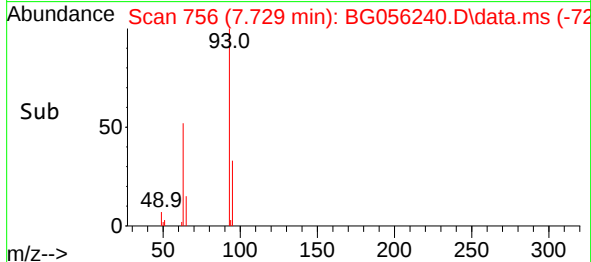
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion: 93 Resp: 14845
Ion Ratio Lower Upper
93 100
63 51.5 37.4 56.2
95 32.7 28.1 42.1

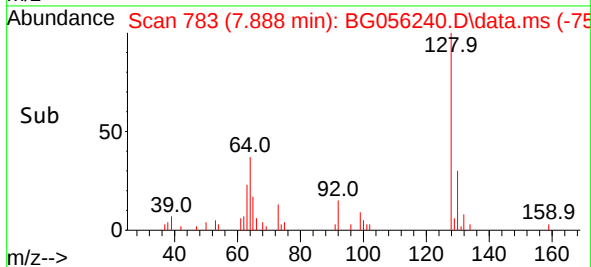
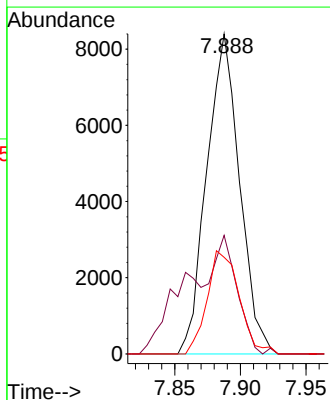
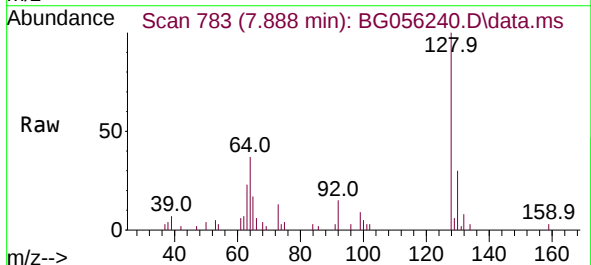
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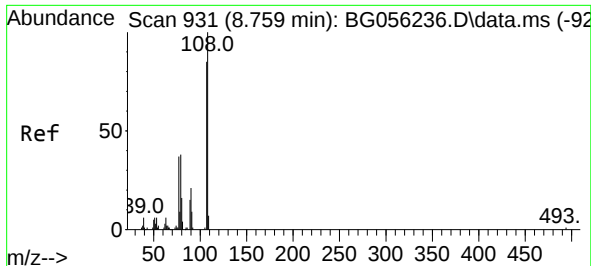
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#12
2-Chlorophenol
Concen: 4.354 ng/ul
RT: 7.888 min Scan# 783
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

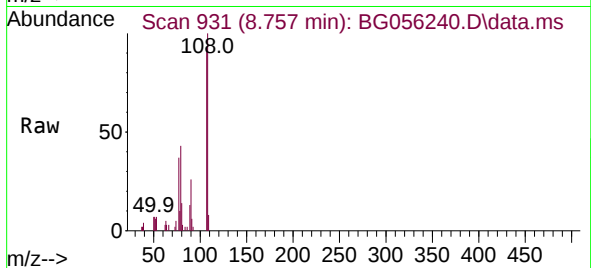
Tgt Ion:128 Resp: 14618
Ion Ratio Lower Upper
128 100
64 37.0 29.0 43.6
130 30.2 25.3 37.9





#13
2-Methylphenol
Concen: 4.062 ng/ul
RT: 8.757 min Scan# 931
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

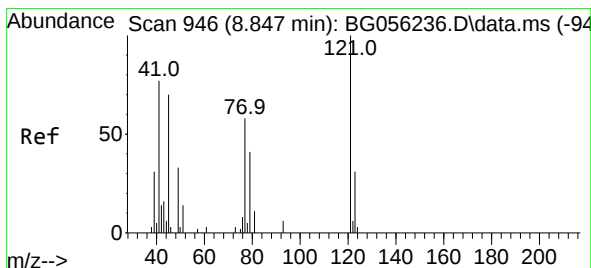
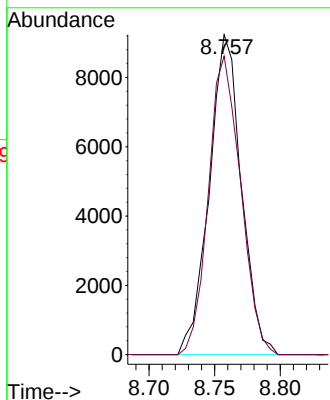
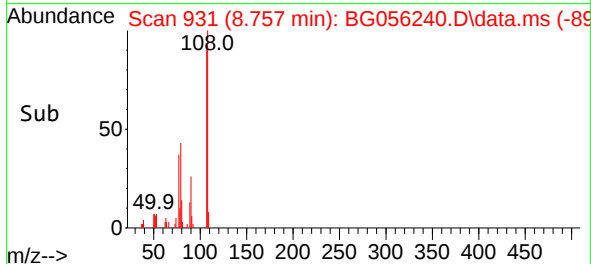
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion: 108 Resp: 1572
Ion Ratio Lower Upper
108 100
107 93.3 70.5 105.7

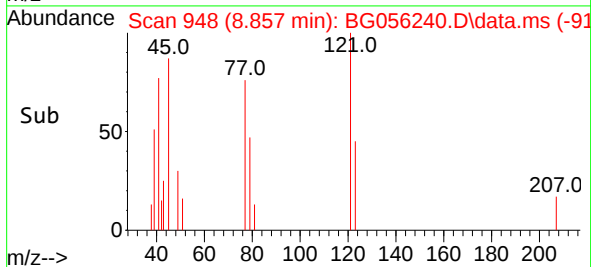
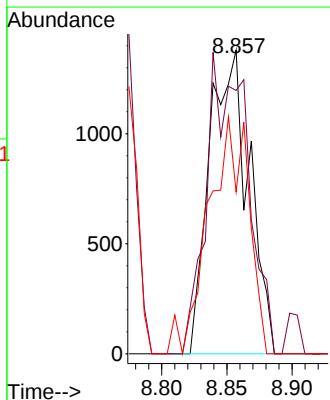
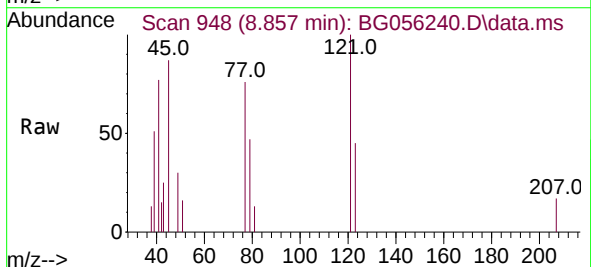
Manual Integrations
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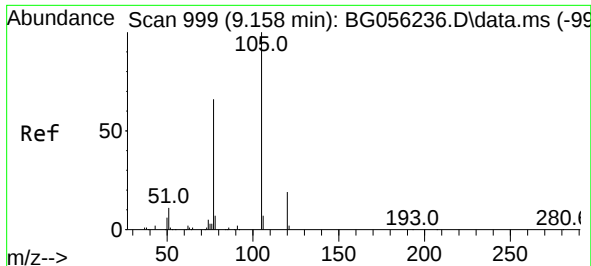
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.614 ng/ul m
RT: 8.857 min Scan# 948
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Tgt Ion: 45 Resp: 2926
Ion Ratio Lower Upper
45 100
77 86.7 90.5 135.7#
79 53.3 75.8 113.6#





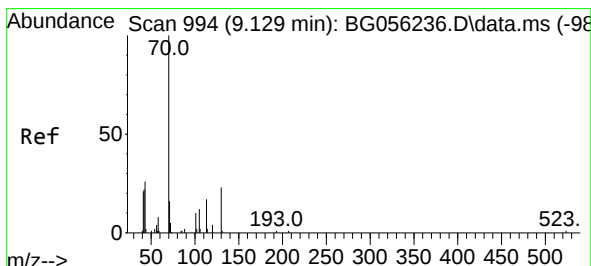
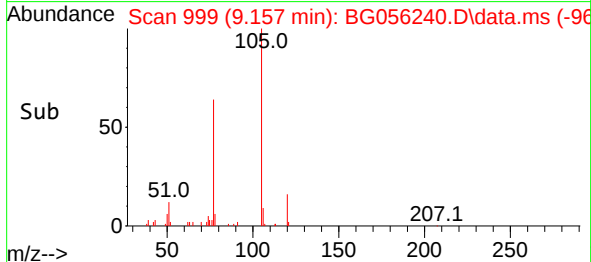
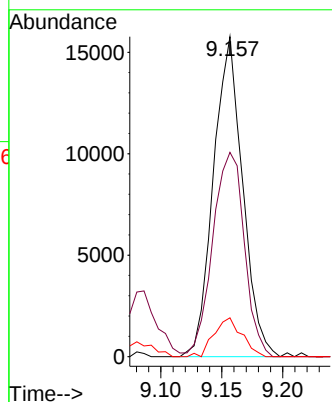
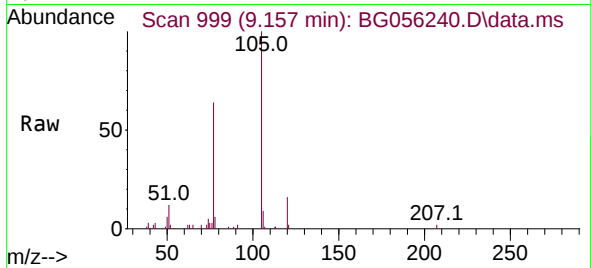
#16
Acetophenone
Concen: 4.202 ng/ul
RT: 9.157 min Scan# 999
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2022-06

Tgt Ion: 105 Resp: 26288
Ion Ratio Lower Upper
105 100
77 63.8 52.8 79.2
51 12.1 10.1 15.1

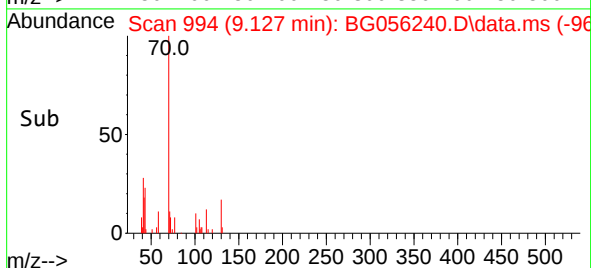
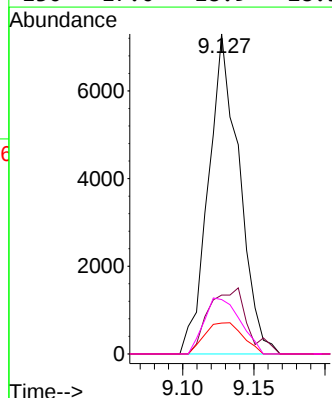
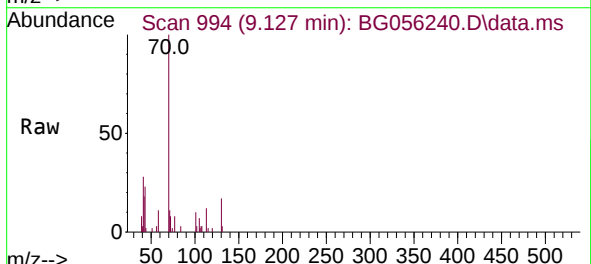
Manual Integrations
APPROVED

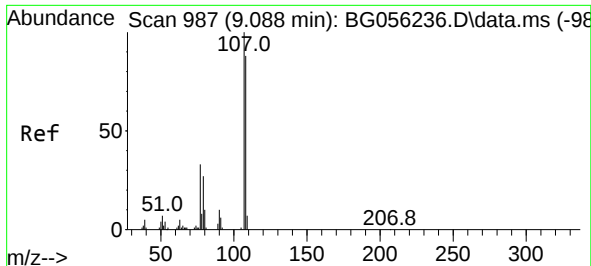
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.973 ng/ul
RT: 9.127 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

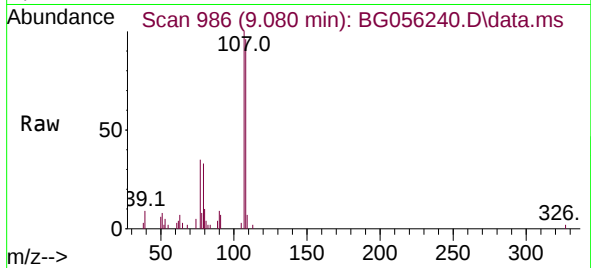
Tgt Ion: 70 Resp: 11009
Ion Ratio Lower Upper
70 100
42 18.4 19.9 29.9#
101 9.6 9.8 14.6#
130 17.0 18.9 28.3#





#18
4-Methylphenol
Concen: 3.985 ng/ul
RT: 9.080 min Scan# 987
Delta R.T. -0.012 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

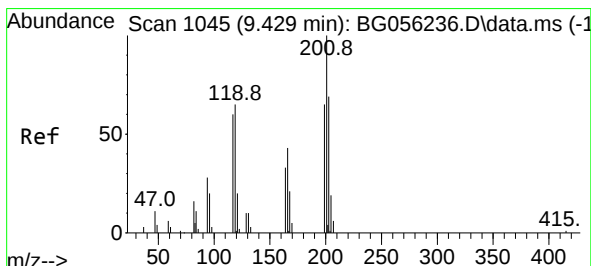
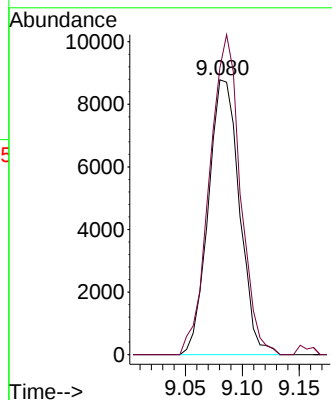
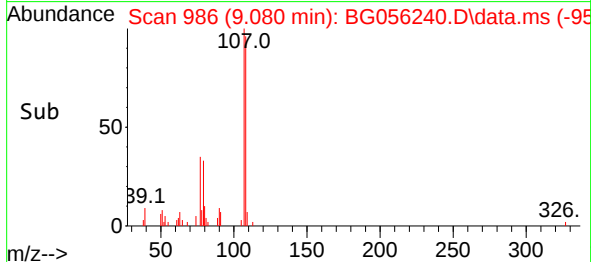
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:108 Resp: 16758
Ion Ratio Lower Upper
108 100
107 104.3 91.5 137.3

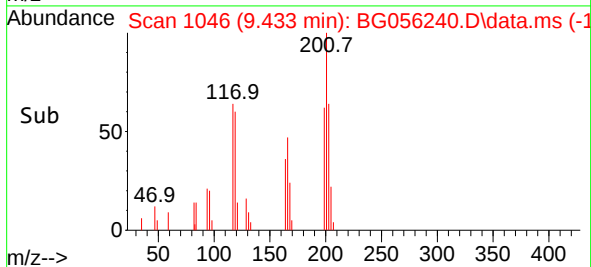
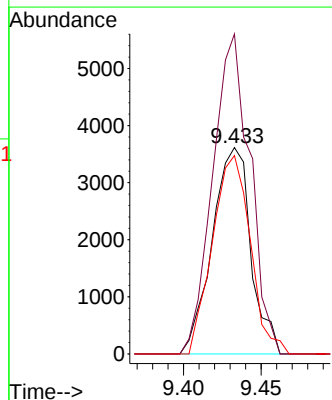
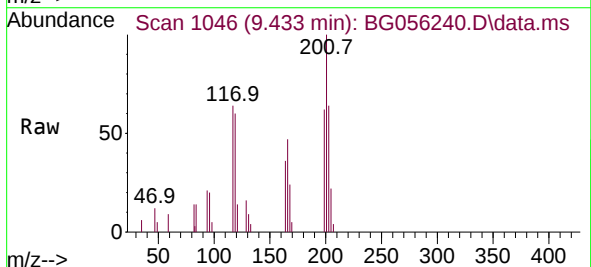
Manual Integrations
APPROVED

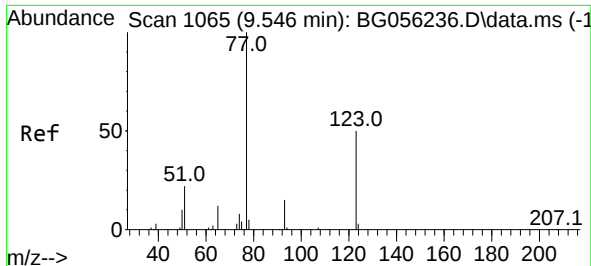
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#19
Hexachloroethane
Concen: 4.798 ng/ul
RT: 9.433 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

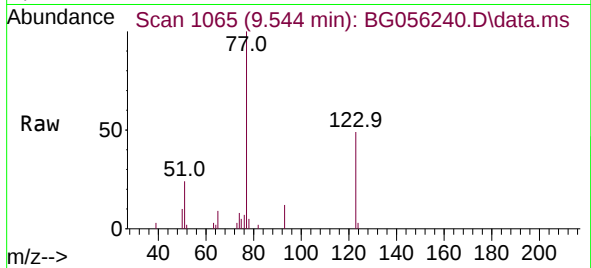
Tgt Ion:117 Resp: 6270
Ion Ratio Lower Upper
117 100
201 155.1 132.0 198.0
199 96.2 89.4 134.0





#22
Nitrobenzene
Concen: 4.394 ng/ul
RT: 9.544 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

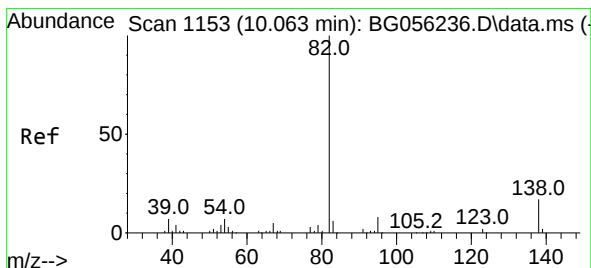
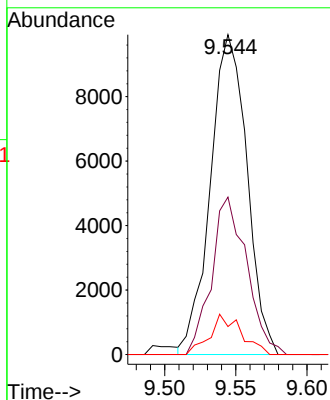
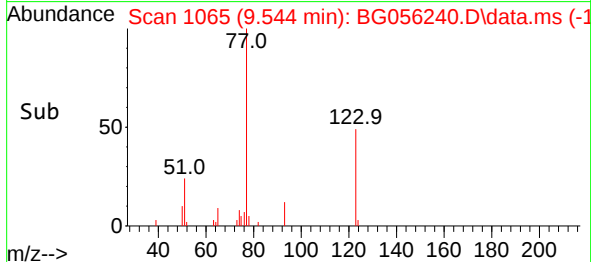
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2022-06



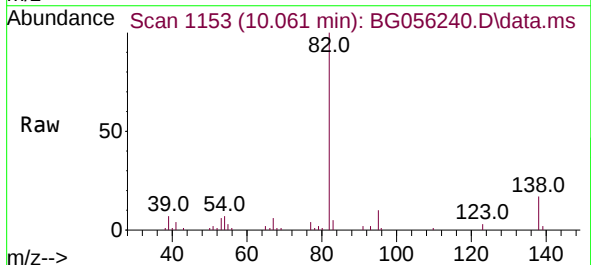
Tgt Ion: 77 Resp: 17800
Ion Ratio Lower Upper
77 100
123 49.2 42.2 63.2
65 8.8 10.5 15.7

Manual Integrations
APPROVED

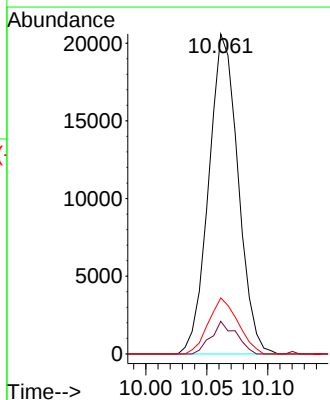
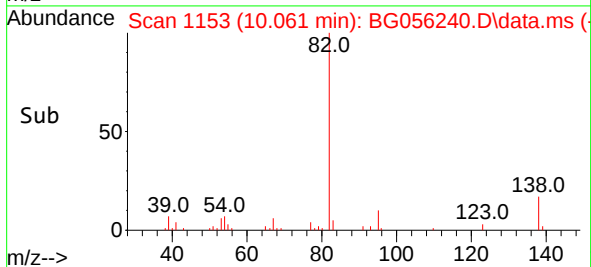
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

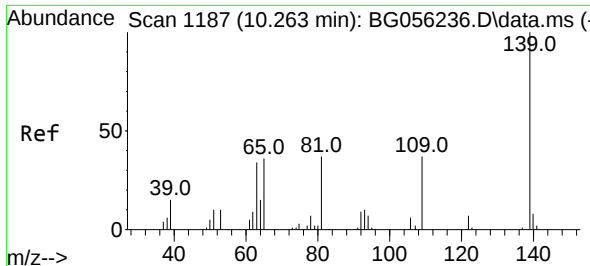


#23
Isophorone
Concen: 4.043 ng/ul
RT: 10.061 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



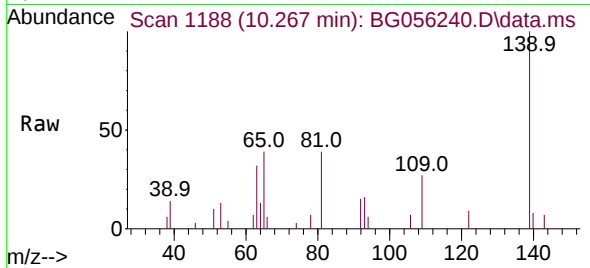
Tgt Ion: 82 Resp: 34525
Ion Ratio Lower Upper
82 100
95 10.2 6.9 10.3
138 17.5 15.4 23.2





#25
2-Nitrophenol
Concen: 4.045 ng/ul
RT: 10.267 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

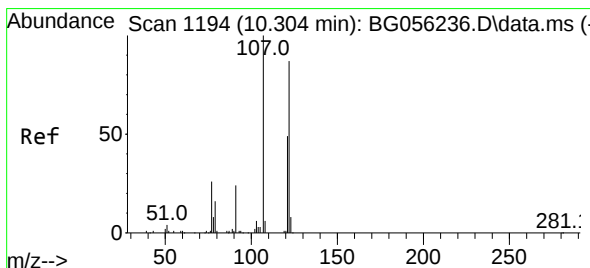
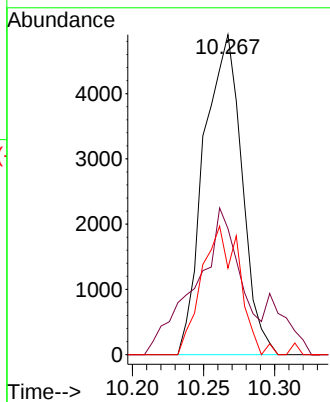
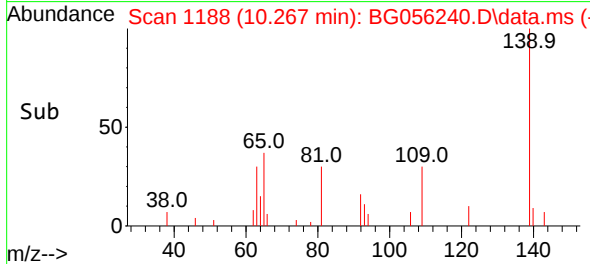
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



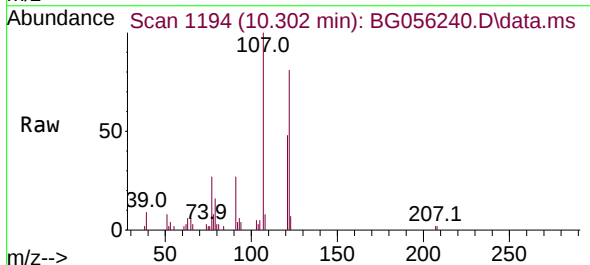
Tgt Ion:139 Resp: 9108
Ion Ratio Lower Upper
139 100
65 39.4 31.2 46.8
109 27.0 30.1 45.1

Manual Integrations
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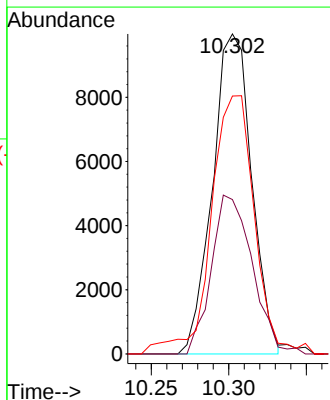
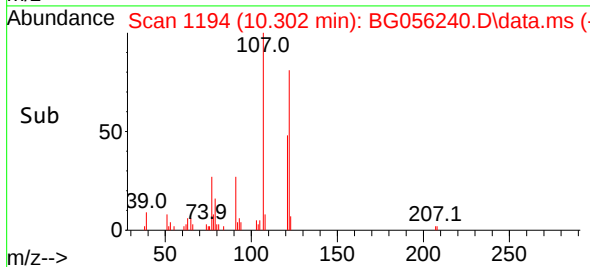
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

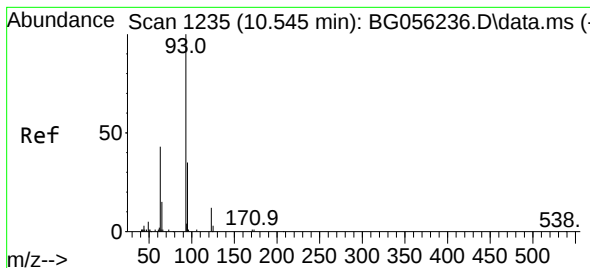


#26
2,4-Dimethylphenol
Concen: 3.808 ng/ul
RT: 10.302 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



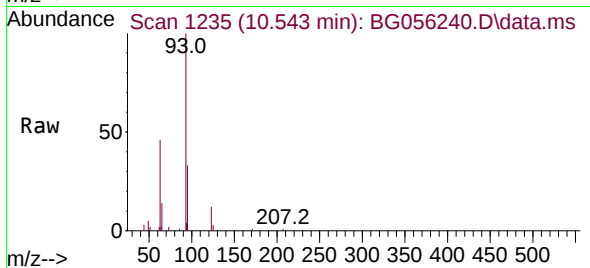
Tgt Ion:107 Resp: 17559
Ion Ratio Lower Upper
107 100
121 48.2 40.5 60.7
122 80.6 66.8 100.2





#27
Bis(2-Chloroethoxy)methane
Concen: 4.292 ng/ul
RT: 10.543 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

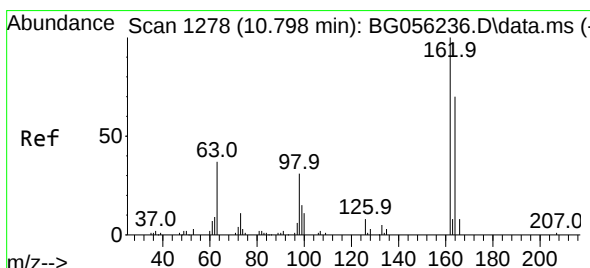
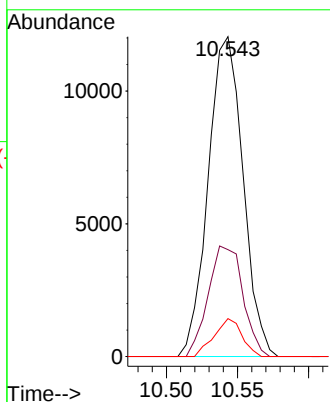
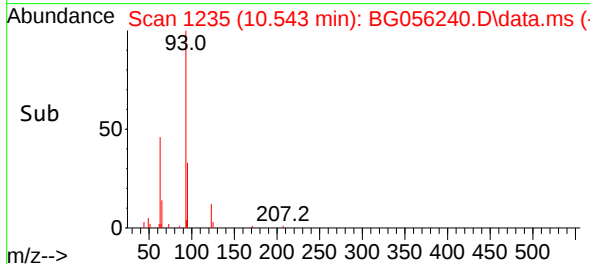
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2022-06



Tgt Ion: 93 Resp: 20532
Ion Ratio Lower Upper
93 100
95 33.4 25.4 38.0
123 11.9 8.5 12.7

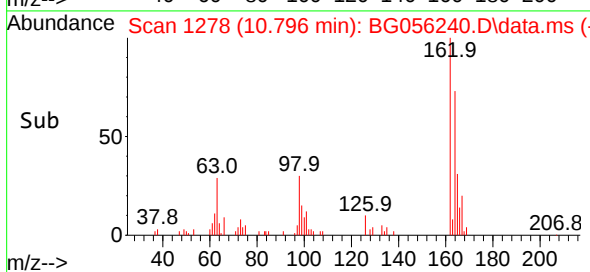
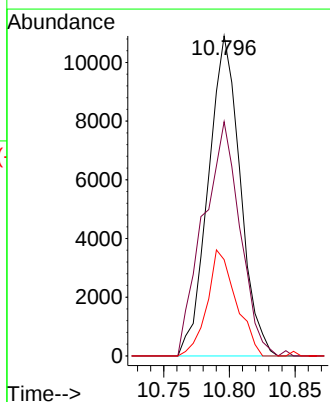
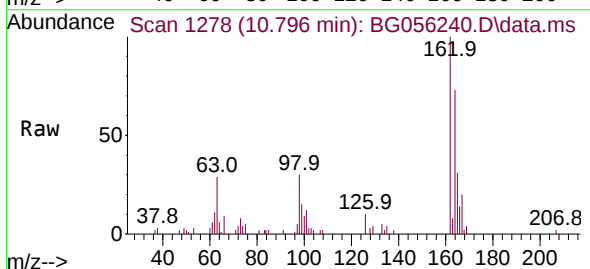
Manual Integrations
APPROVED

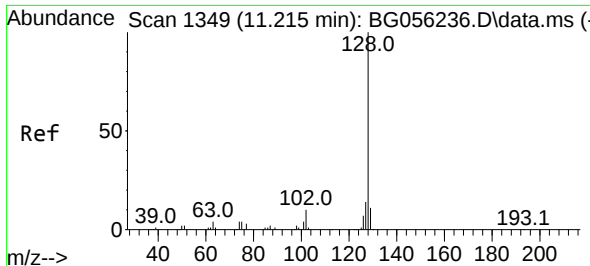
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#29
2,4-Dichlorophenol
Concen: 4.210 ng/ul
RT: 10.796 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Tgt Ion:162 Resp: 18459
Ion Ratio Lower Upper
162 100
164 73.2 52.5 78.7
98 30.1 24.7 37.1





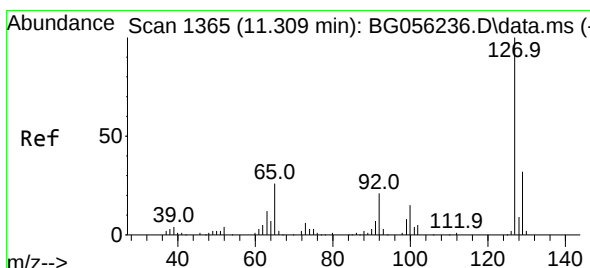
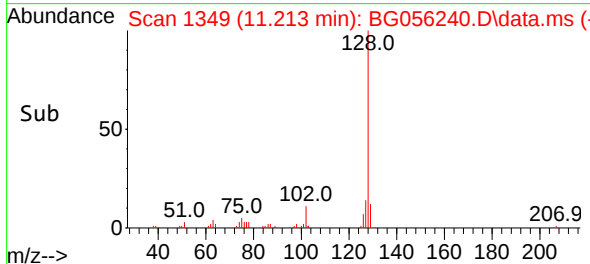
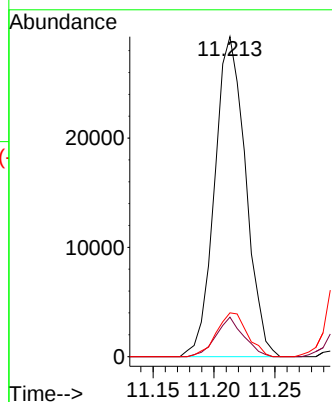
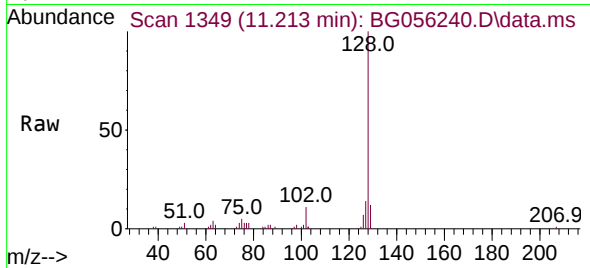
#30
Naphthalene
Concen: 4.381 ng/ul
RT: 11.213 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2022-06

Tgt Ion:128 Resp: 51807
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 13.7 10.9 16.3

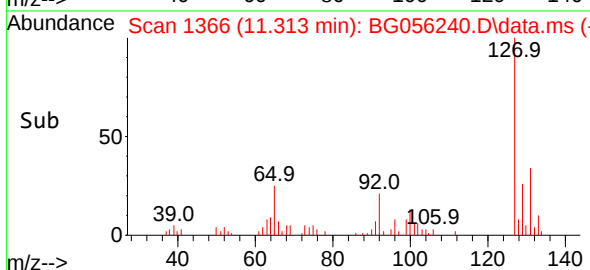
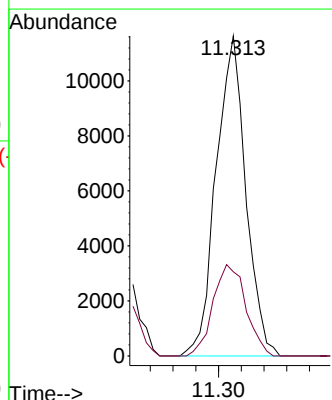
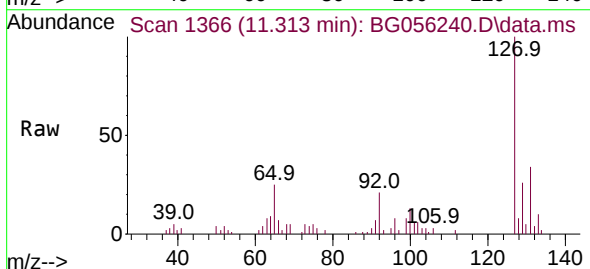
Manual Integrations
APPROVED

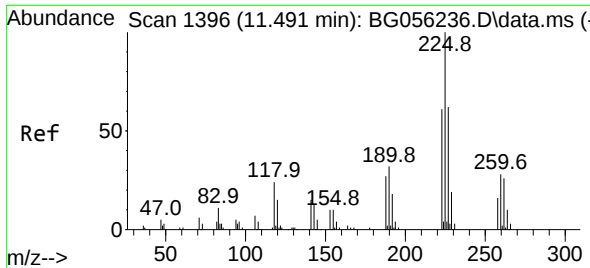
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#32
4-Chloroaniline
Concen: 3.944 ng/ul
RT: 11.313 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

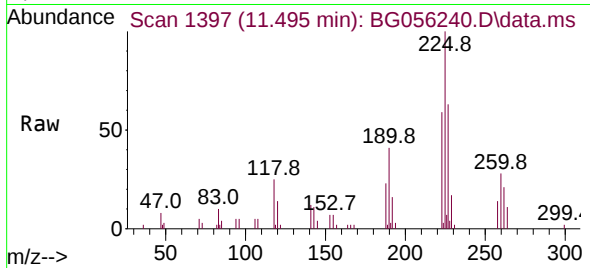
Tgt Ion:127 Resp: 21089
Ion Ratio Lower Upper
127 100
129 26.3 23.5 35.3





#33
Hexachlorobutadiene
Concen: 4.519 ng/ul
RT: 11.495 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

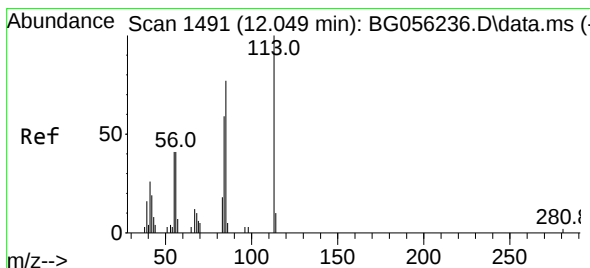
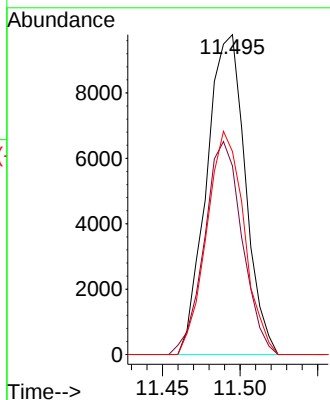
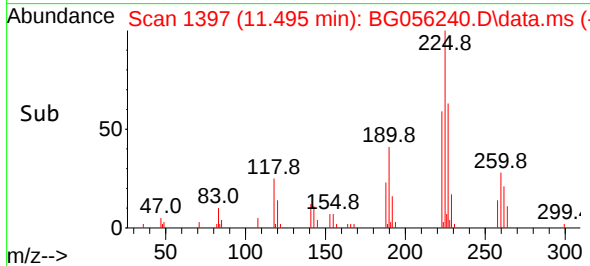
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:225 Resp: 16998
Ion Ratio Lower Upper
225 100
223 61.6 49.8 74.6
227 67.4 51.8 77.6

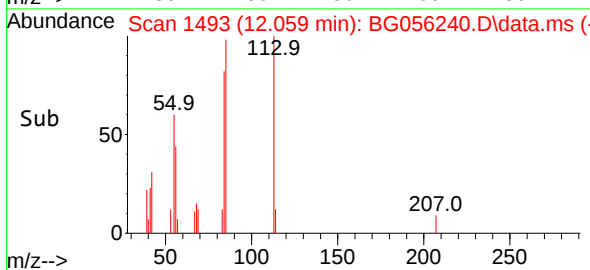
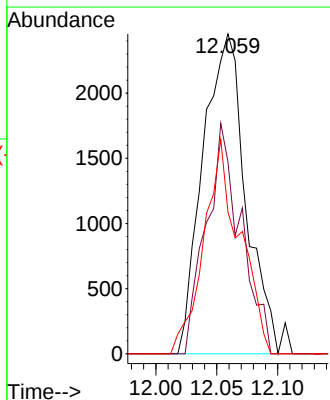
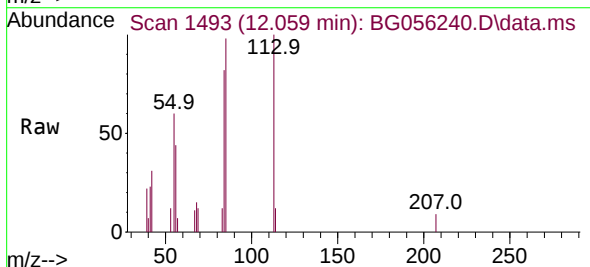
Manual Integrations
APPROVED

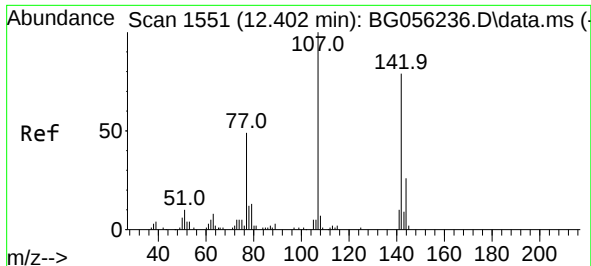
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#34
Caprolactam
Concen: 4.345 ng/ul
RT: 12.059 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Tgt Ion:113 Resp: 5980
Ion Ratio Lower Upper
113 100
55 60.0 39.3 58.9#
56 44.4 39.5 59.3





#35

4-Chloro-3-methylphenol

Concen: 4.033 ng/ul

RT: 12.400 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BG056240.D

Acq: 10 Jan 2023 12:19

Instrument :

BNA_G

ClientSampleId :

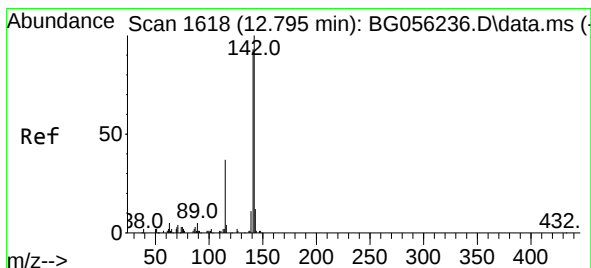
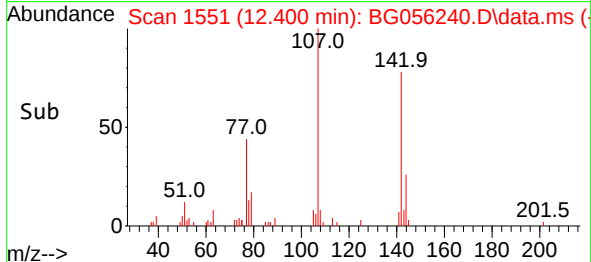
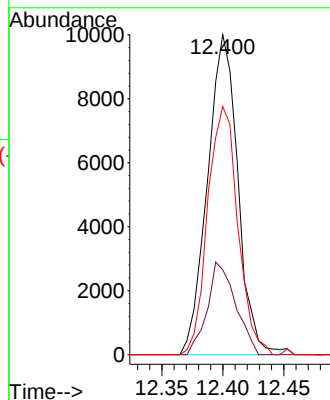
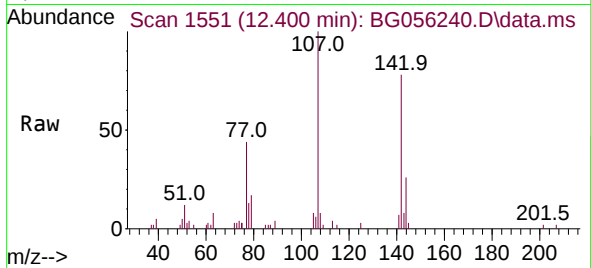
MDL-SOIL-QT3-2022-06

Tgt Ion:	107	Resp:	17348
Ion Ratio	Lower	Upper	
107	100		
144	26.5	21.0	31.6
142	77.5	67.9	101.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#36

2-Methylnaphthalene

Concen: 4.380 ng/ul

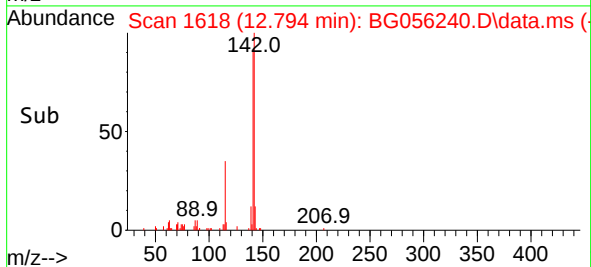
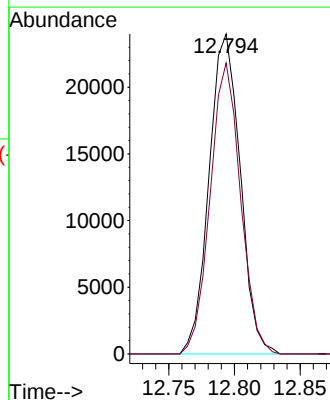
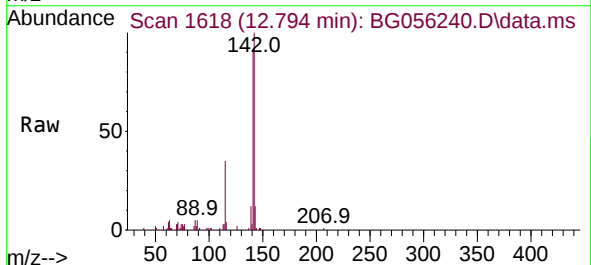
RT: 12.794 min Scan# 1618

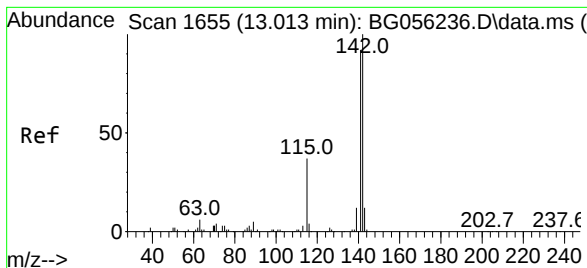
Delta R.T. -0.006 min

Lab File: BG056240.D

Acq: 10 Jan 2023 12:19

Tgt Ion:	142	Resp:	39562
Ion Ratio	Lower	Upper	
142	100		
141	90.9	71.6	107.4





#37

1-Methylnaphthalene

Concen: 3.882 ng/ul

RT: 13.011 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BG056240.D

Acq: 10 Jan 2023 12:19

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2022-06

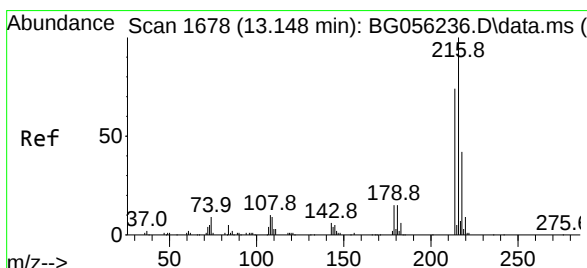
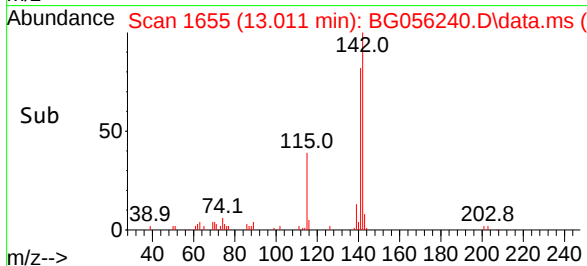
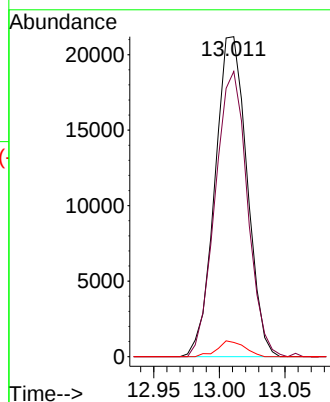
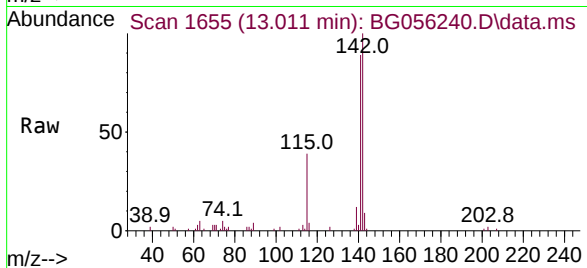
Tgt Ion:142 Resp: 36065

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.7	107.5
116	4.4	3.4	5.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.282 ng/ul

RT: 13.152 min Scan# 1679

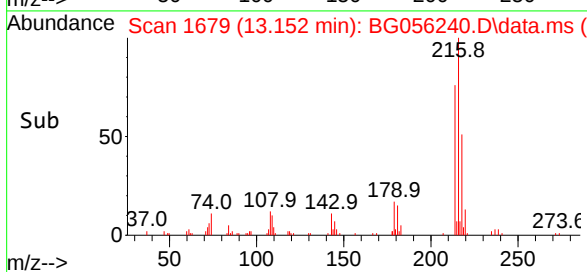
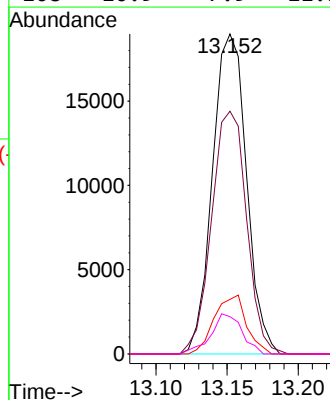
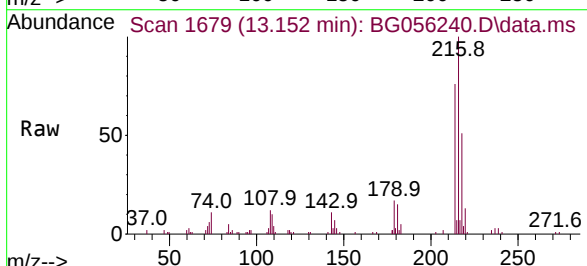
Delta R.T. -0.006 min

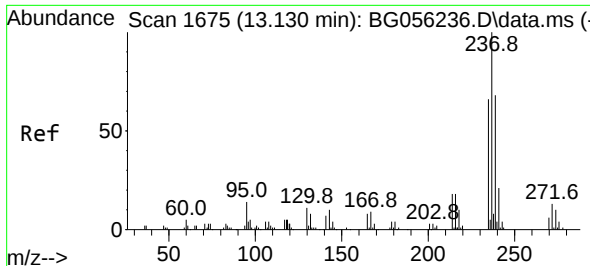
Lab File: BG056240.D

Acq: 10 Jan 2023 12:19

Tgt Ion:216 Resp: 31587

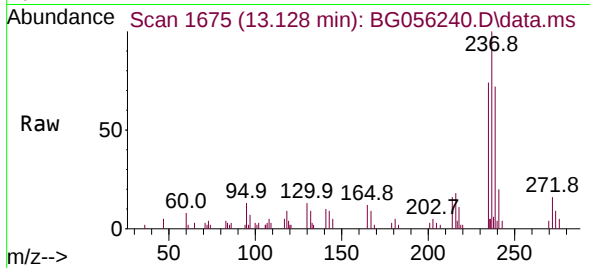
Ion	Ratio	Lower	Upper
216	100		
214	71.2	62.0	93.0
179	19.0	13.8	20.8
108	10.9	7.9	11.9





#40
Hexachlorocyclopentadiene
Concen: 2.928 ng/ul
RT: 13.128 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

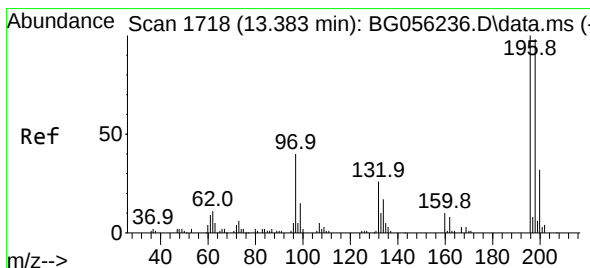
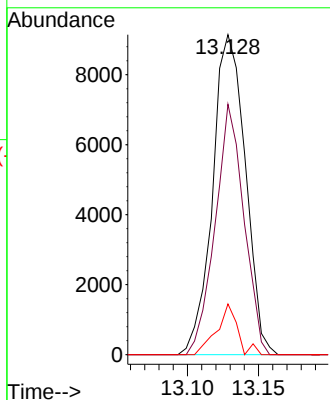
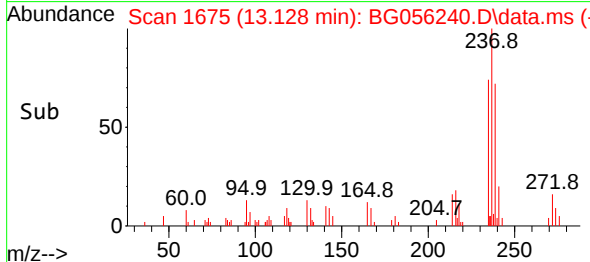
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



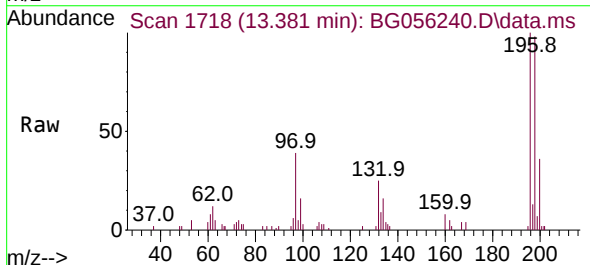
Tgt Ion:237 Resp: 14683
Ion Ratio Lower Upper
237 100
235 78.2 48.6 72.8
272 15.8 10.2 15.4

Manual Integrations
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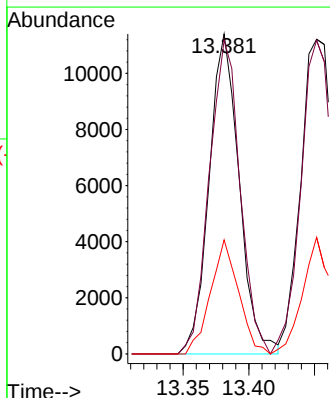
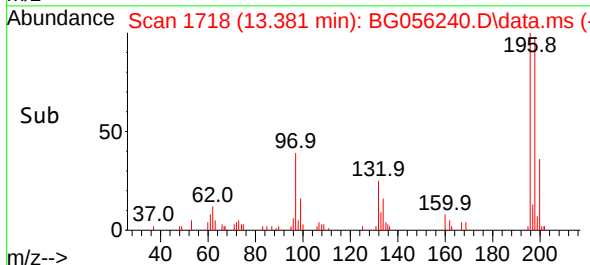
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

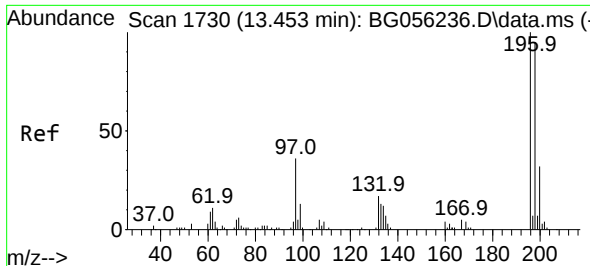


#41
2,4,6-Trichlorophenol
Concen: 3.883 ng/ul
RT: 13.381 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



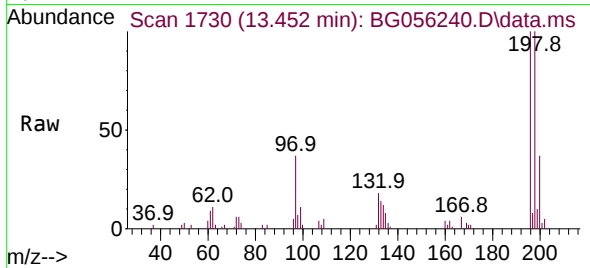
Tgt Ion:196 Resp: 18189
Ion Ratio Lower Upper
196 100
198 98.0 76.2 114.2
200 37.8 25.0 37.4





#42
2,4,5-Trichlorophenol
Concen: 3.781 ng/ul
RT: 13.452 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

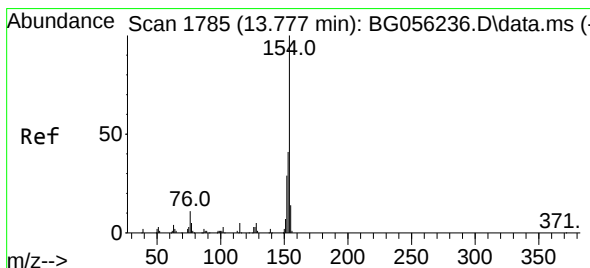
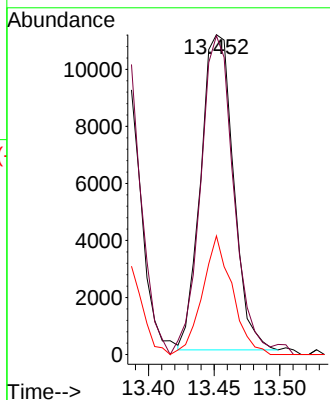
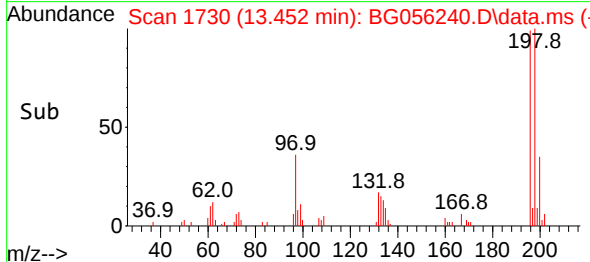
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:196 Resp: 19264
Ion Ratio Lower Upper
196 100
198 99.6 80.2 120.4
200 37.1 23.6 35.4

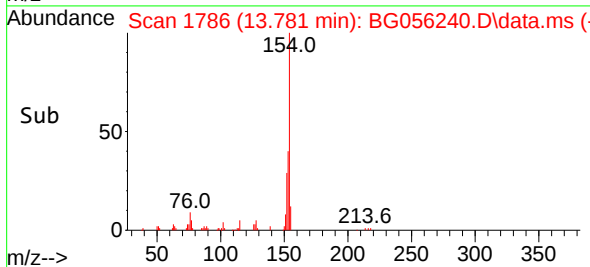
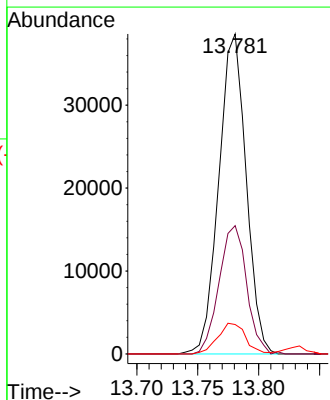
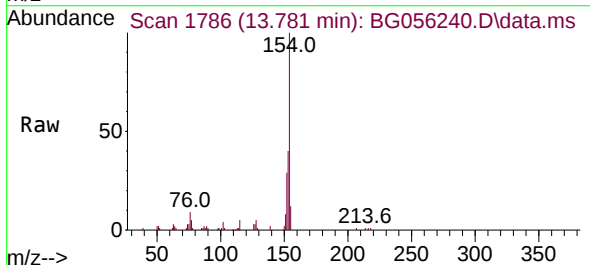
Manual Integrations
APPROVED

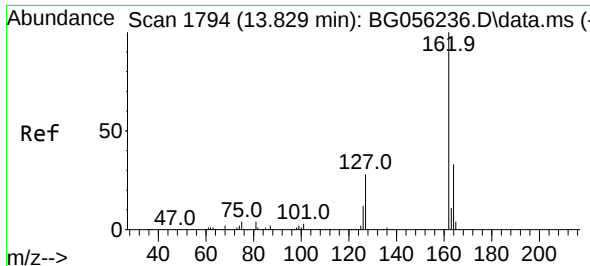
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#43
1,1'-Biphenyl
Concen: 4.387 ng/ul
RT: 13.781 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

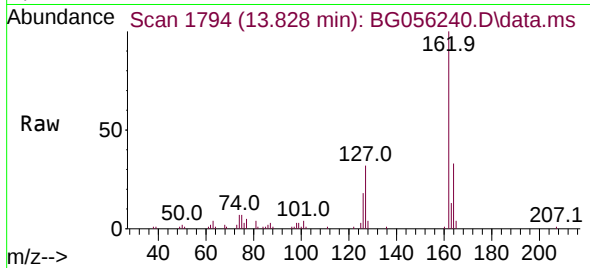
Tgt Ion:154 Resp: 60179
Ion Ratio Lower Upper
154 100
153 40.1 34.0 51.0
76 9.2 8.5 12.7





#44
2-Chloronaphthalene
Concen: 4.280 ng/ul
RT: 13.828 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

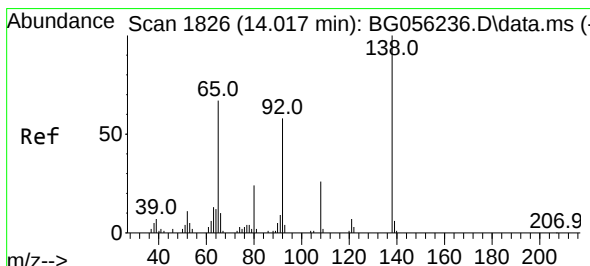
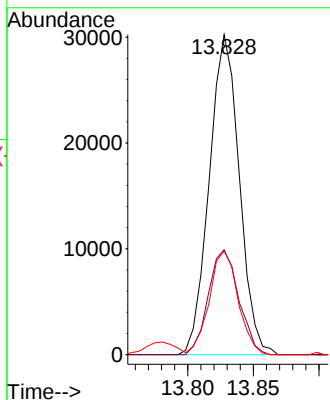
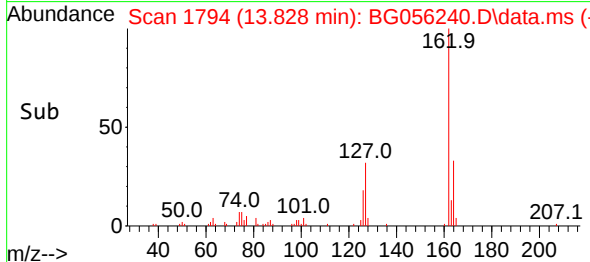
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



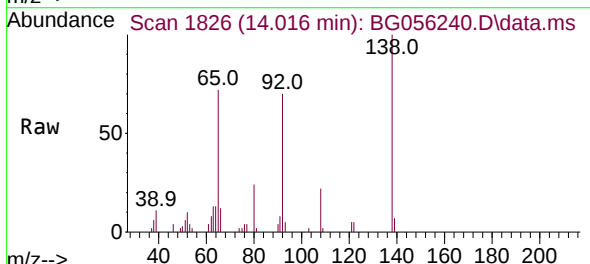
Tgt Ion:162 Resp: 48152
Ion Ratio Lower Upper
162 100
164 32.8 25.9 38.9
127 32.4 24.6 36.8

Manual Integrations
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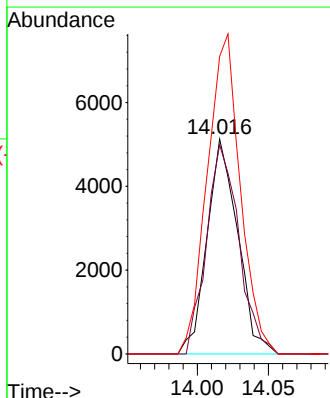
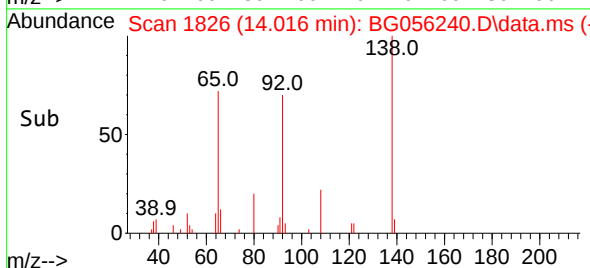
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

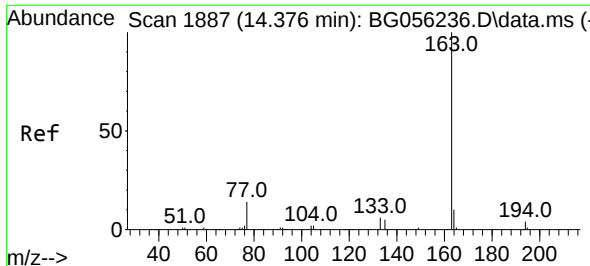


#45
2-Nitroaniline
Concen: 3.591 ng/ul
RT: 14.016 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



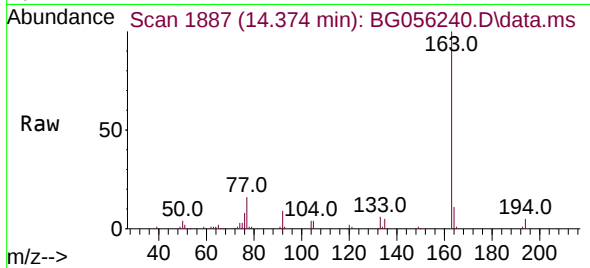
Tgt Ion: 65 Resp: 7710
Ion Ratio Lower Upper
65 100
92 97.3 68.2 102.2
138 138.5 109.7 164.5





#47
Dimethylphthalate
Concen: 4.013 ng/ul
RT: 14.374 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

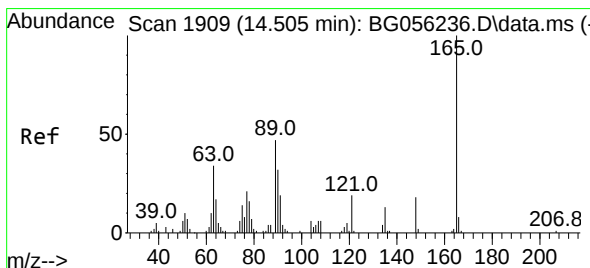
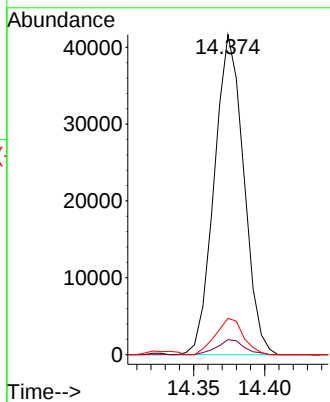
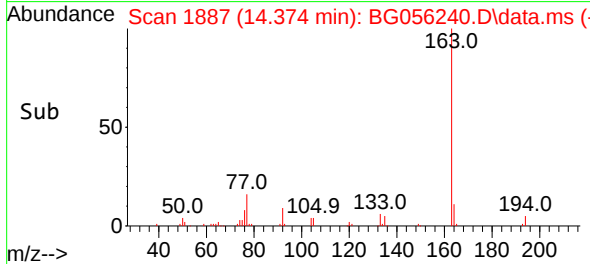
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



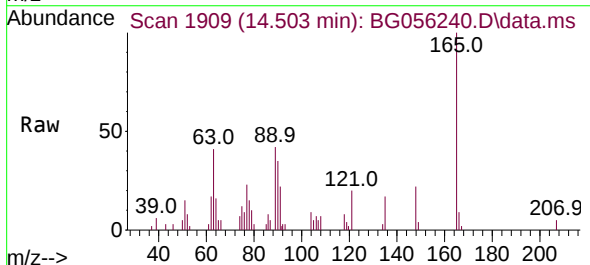
Tgt Ion:163 Resp: 59978
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 11.3 8.6 12.8

Manual Integrations
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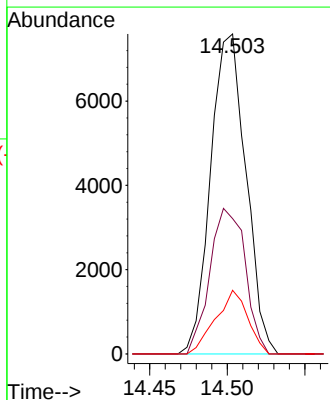
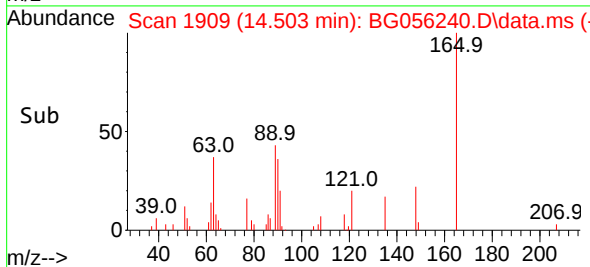
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

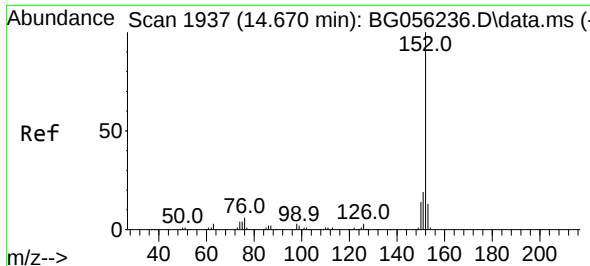


#48
2,6-Dinitrotoluene
Concen: 3.833 ng/ul
RT: 14.503 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



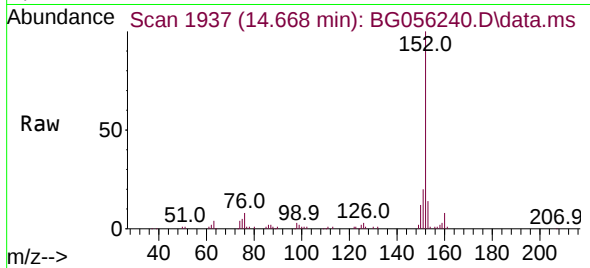
Tgt Ion:165 Resp: 12027
Ion Ratio Lower Upper
165 100
89 42.3 36.2 54.4
121 19.9 12.2 18.4#





#50
Acenaphthylene
Concen: 4.161 ng/ul
RT: 14.668 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

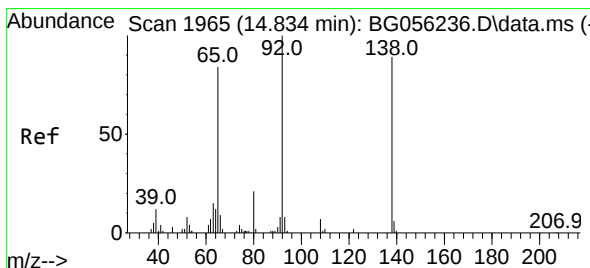
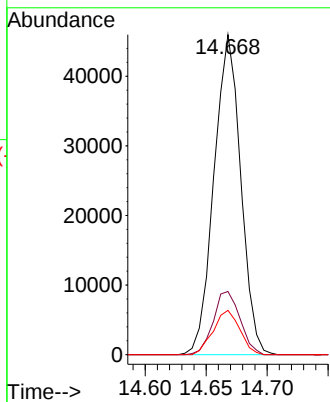
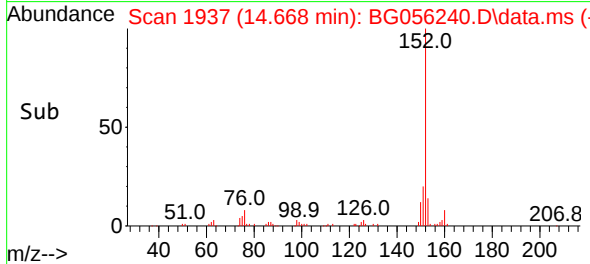
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



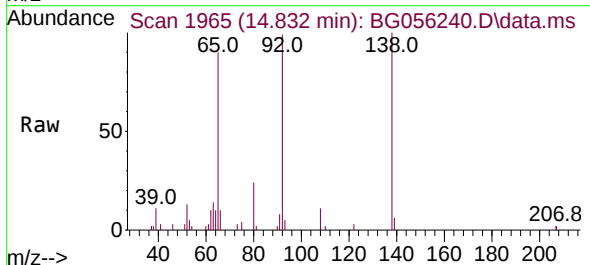
Tgt Ion:152 Resp: 70009
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 13.8 10.5 15.7

Manual Integrations
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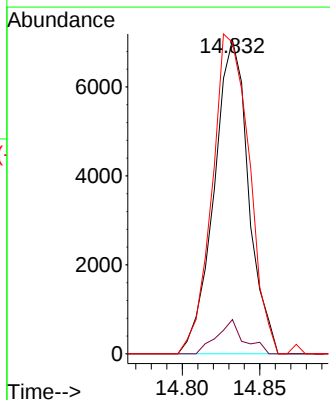
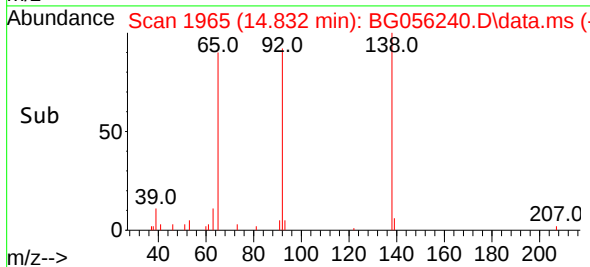
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

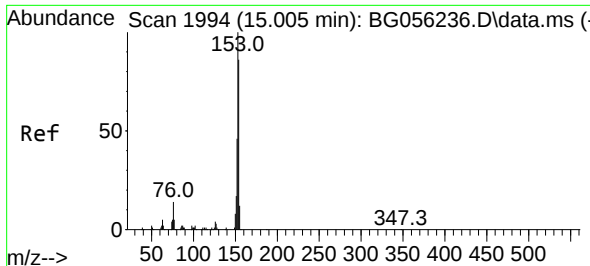


#51
3-Nitroaniline
Concen: 4.616 ng/ul
RT: 14.832 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



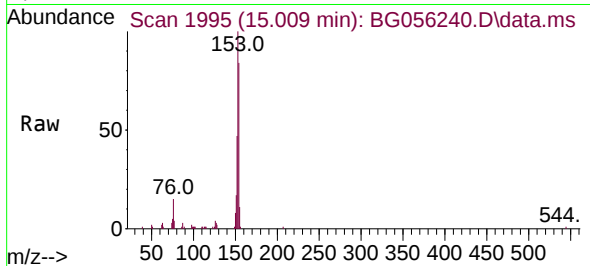
Tgt Ion:138 Resp: 10970
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 99.2 85.2 127.8





#52
Acenaphthene
Concen: 4.139 ng/ul
RT: 15.009 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

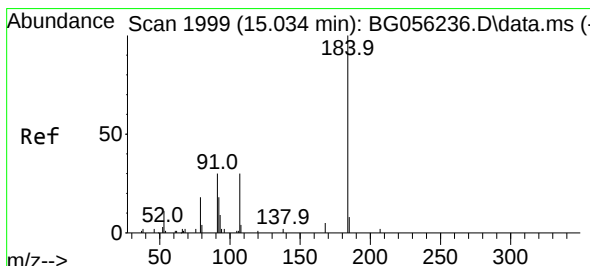
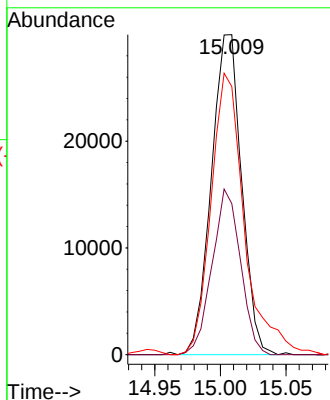
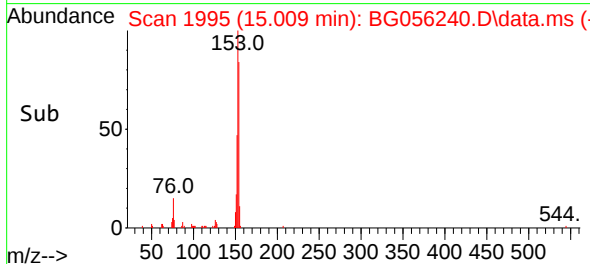
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:153 Resp: 48183
Ion Ratio Lower Upper
153 100
152 47.2 38.0 57.0
154 83.8 67.7 101.5

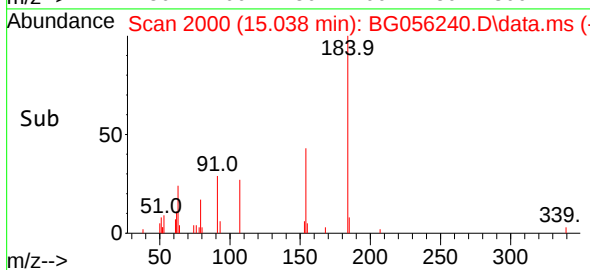
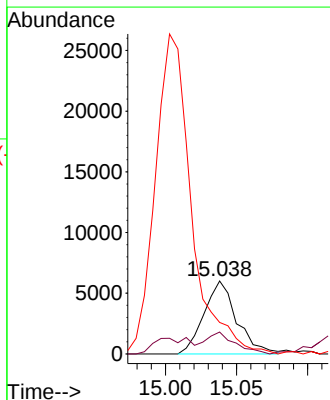
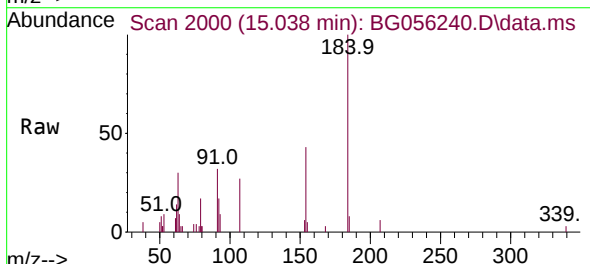
Manual Integrations
APPROVED

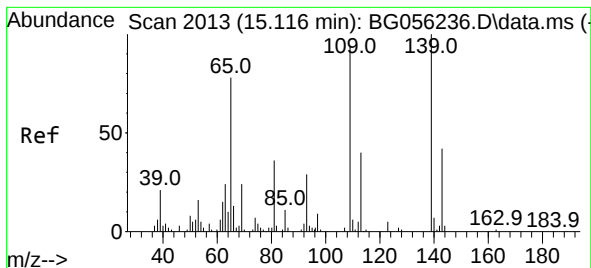
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#53
2,4-Dinitrophenol
Concen: 4.283 ng/ul
RT: 15.038 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

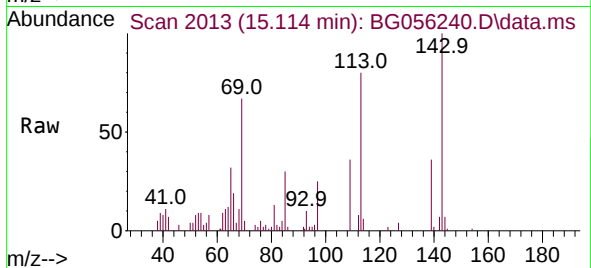
Tgt Ion:184 Resp: 9610
Ion Ratio Lower Upper
184 100
63 30.0 22.4 33.6
154 43.0 42.2 63.4





#55
4-Nitrophenol
Concen: 3.574 ng/ul
RT: 15.114 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

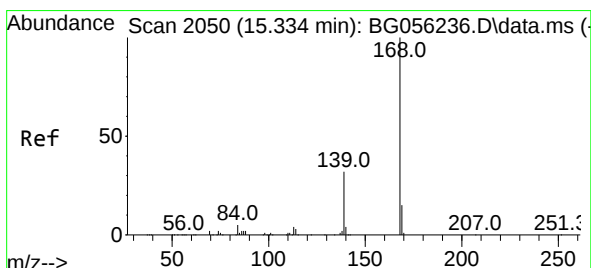
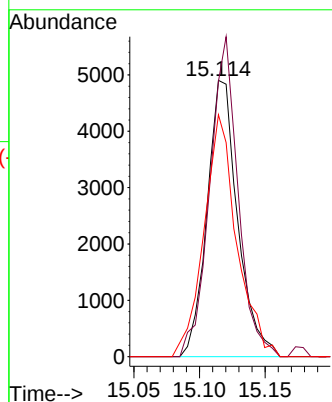
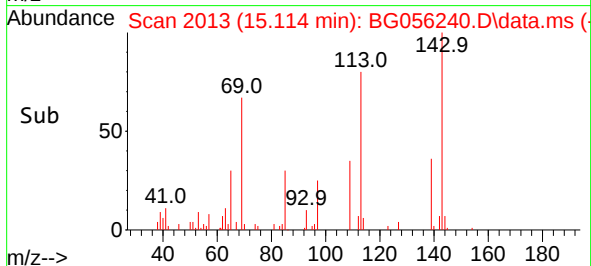
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:109 Resp: 7980
Ion Ratio Lower Upper
109 100
139 99.6 86.7 130.1
65 87.6 67.9 101.9

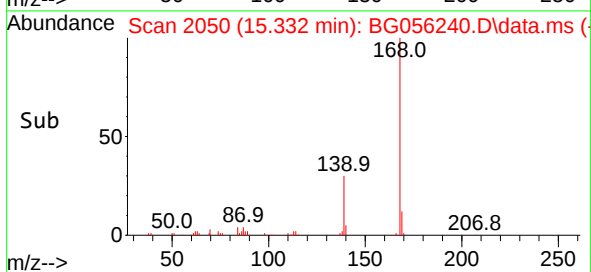
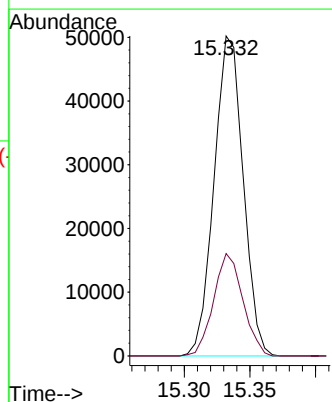
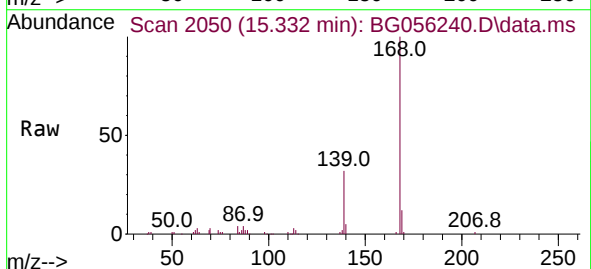
Manual Integrations
APPROVED

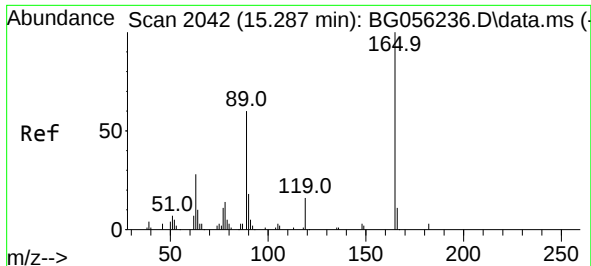
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#56
Dibenzofuran
Concen: 4.305 ng/ul
RT: 15.332 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

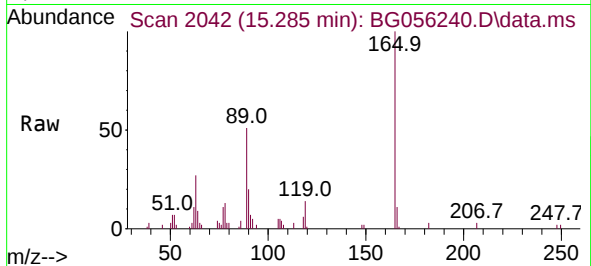
Tgt Ion:168 Resp: 77477
Ion Ratio Lower Upper
168 100
139 32.0 25.0 37.4





#57
2,4-Dinitrotoluene
Concen: 3.925 ng/ul
RT: 15.285 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

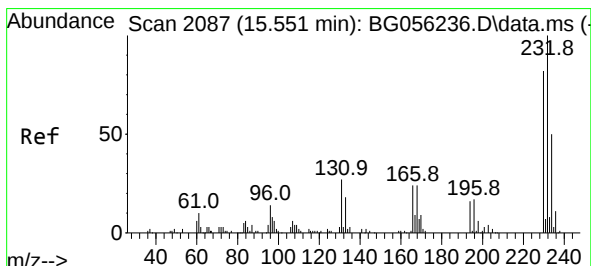
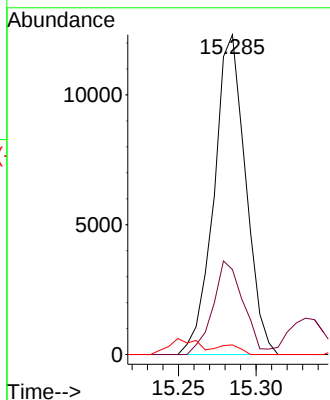
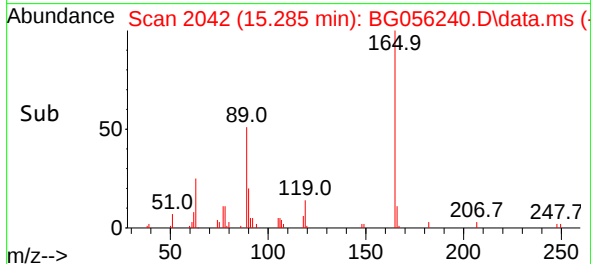
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:165 Resp: 17550
Ion Ratio Lower Upper
165 100
63 26.6 20.9 31.3
182 3.0 2.7 4.1

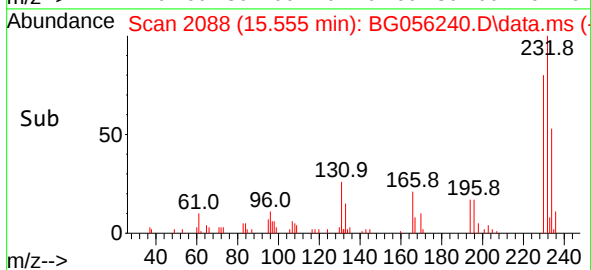
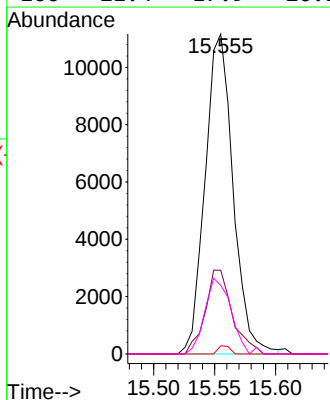
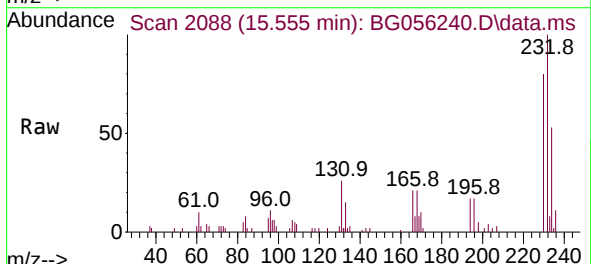
Manual Integrations
APPROVED

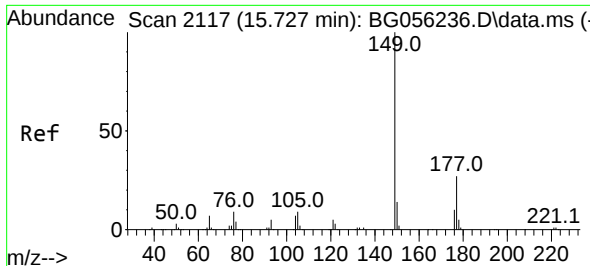
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.619 ng/ul
RT: 15.555 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Tgt Ion:232 Resp: 17851
Ion Ratio Lower Upper
232 100
131 26.1 22.9 34.3
130 2.5 1.7 2.5
166 21.4 17.9 26.9





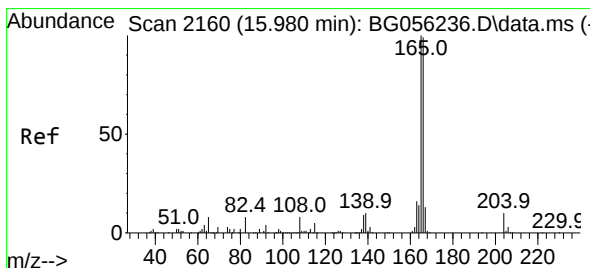
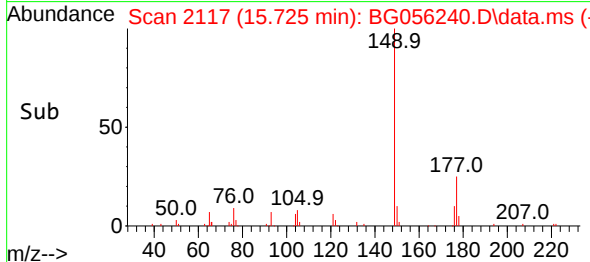
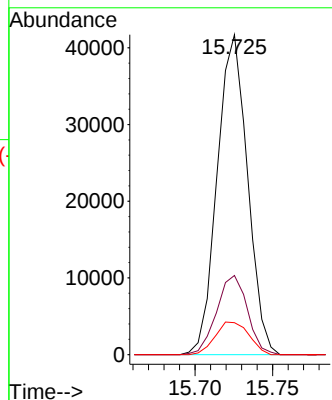
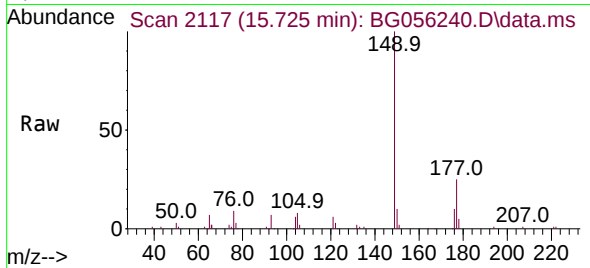
#59
Diethylphthalate
Concen: 4.096 ng/ul
RT: 15.725 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2022-06

Tgt Ion:149 Resp: 56912
Ion Ratio Lower Upper
149 100
177 24.7 20.2 30.4
150 10.0 9.9 14.9

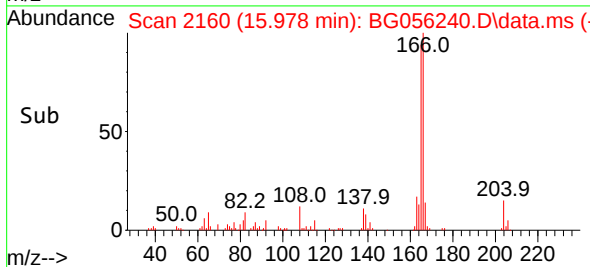
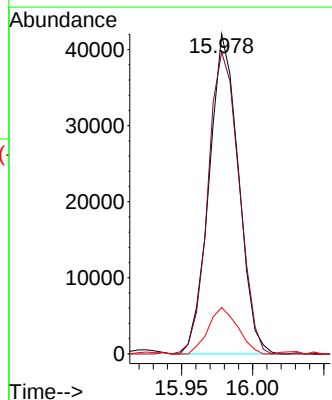
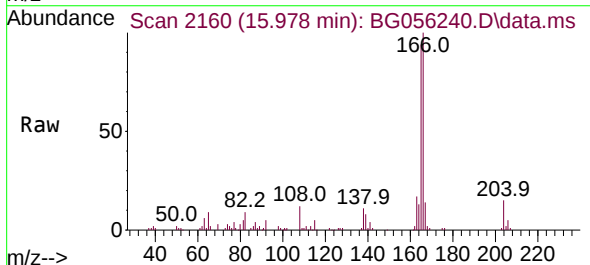
Manual Integrations
APPROVED

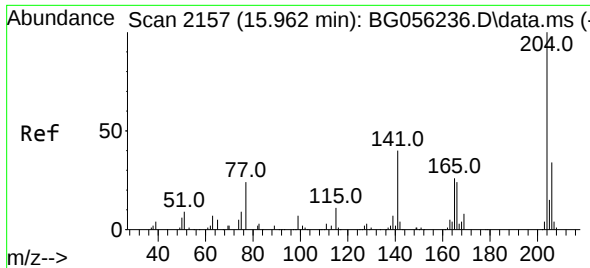
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#61
Fluorene
Concen: 4.175 ng/ul
RT: 15.978 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Tgt Ion:166 Resp: 60517
Ion Ratio Lower Upper
166 100
165 94.4 78.5 117.7
167 14.5 10.4 15.6





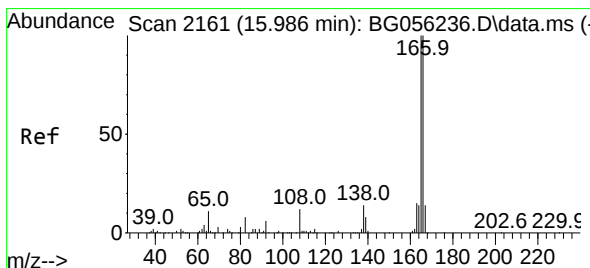
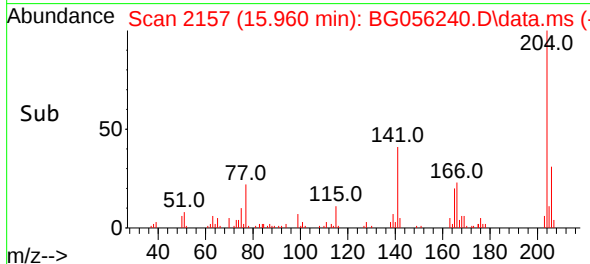
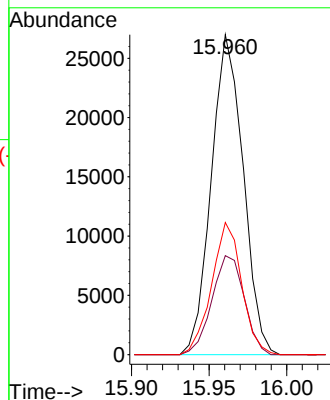
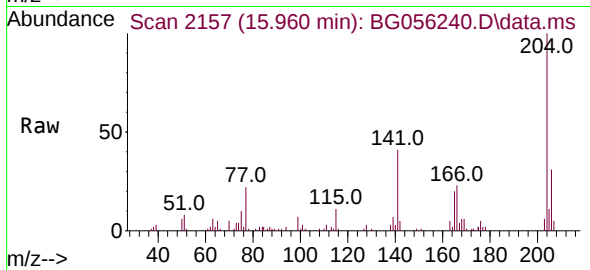
#62
4-Chlorophenyl-phenylether
Concen: 4.267 ng/ul
RT: 15.960 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2022-06

Tgt Ion:204 Resp: 38676
Ion Ratio Lower Upper
204 100
206 30.9 25.0 37.4
141 41.3 31.6 47.4

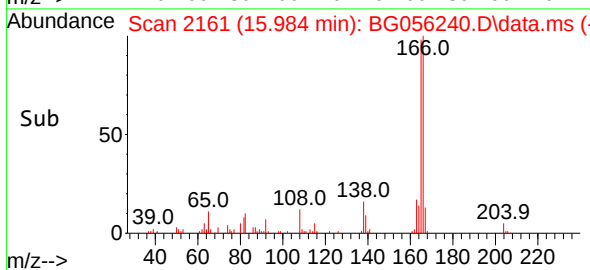
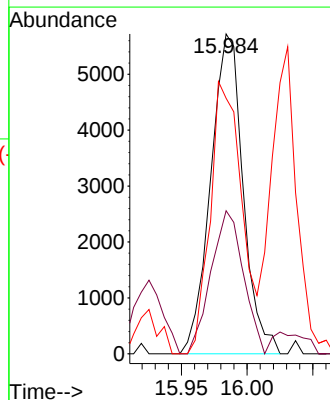
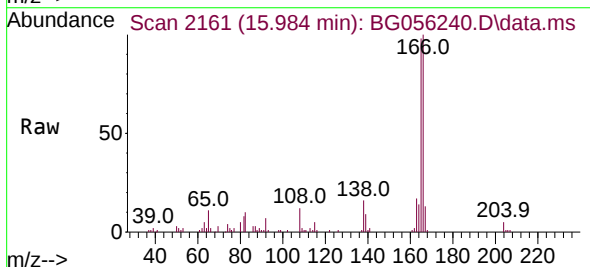
Manual Integrations
APPROVED

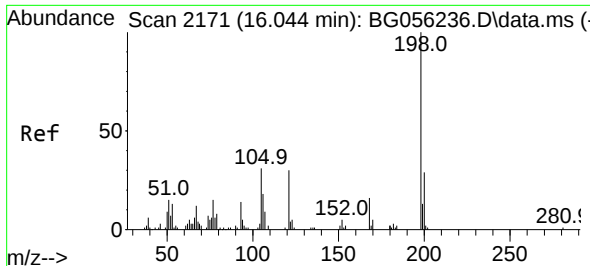
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#63
4-Nitroaniline
Concen: 4.528 ng/ul
RT: 15.984 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

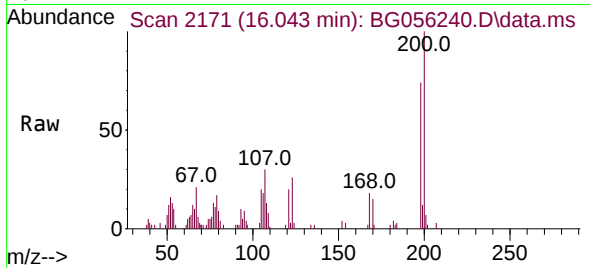
Tgt Ion:138 Resp: 9844
Ion Ratio Lower Upper
138 100
92 44.7 38.8 58.2
108 79.9 75.0 112.4





#66
4,6-Dinitro-2-methylphenol
Concen: 4.305 ng/ul
RT: 16.043 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

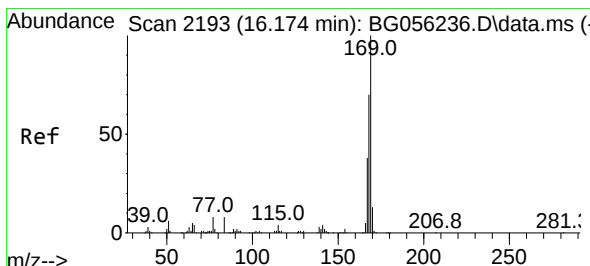
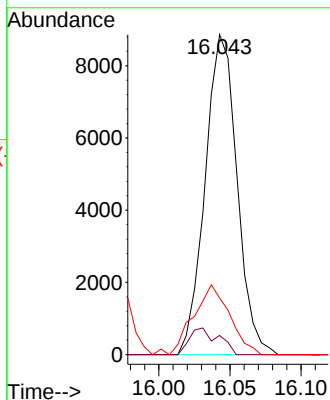
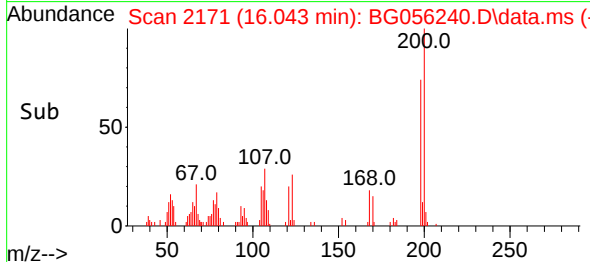
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:198 Resp: 13869
Ion Ratio Lower Upper
198 100
182 6.0 2.2 3.4
77 17.7 11.4 17.2

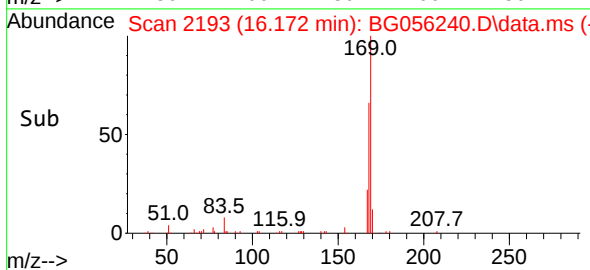
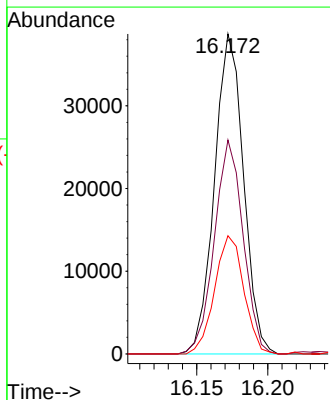
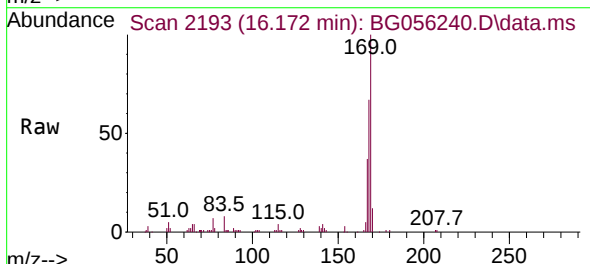
Manual Integrations
APPROVED

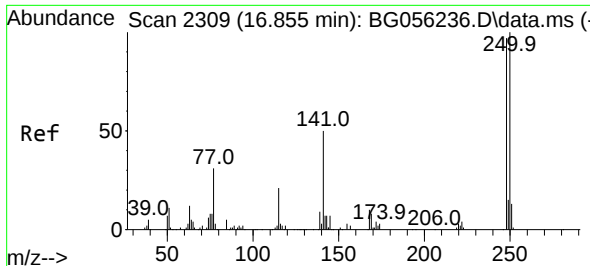
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#67
N-Nitrosodiphenylamine
Concen: 4.282 ng/ul
RT: 16.172 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

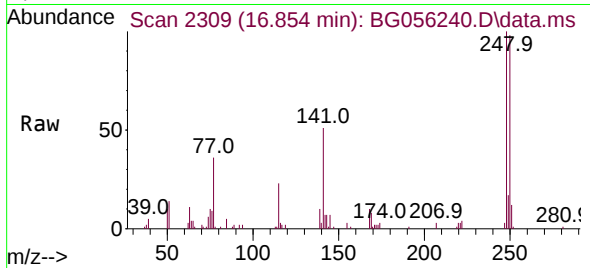
Tgt Ion:169 Resp: 54891
Ion Ratio Lower Upper
169 100
168 66.8 56.1 84.1
167 36.9 30.3 45.5





#68
4-Bromophenyl-phenylether
Concen: 4.073 ng/ul
RT: 16.854 min Scan# 2309
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

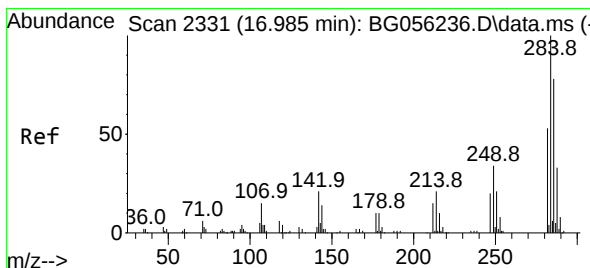
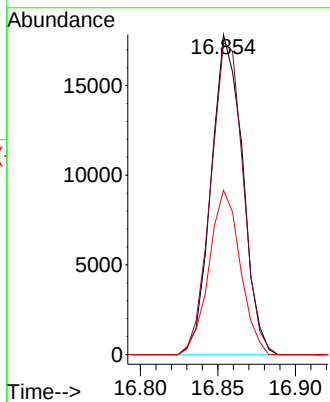
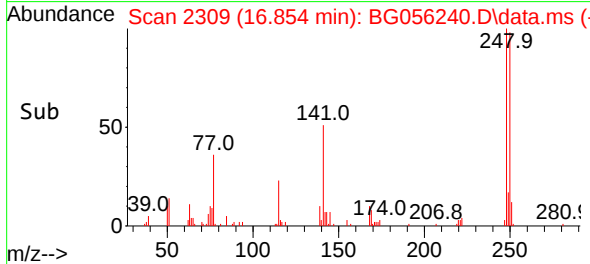
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



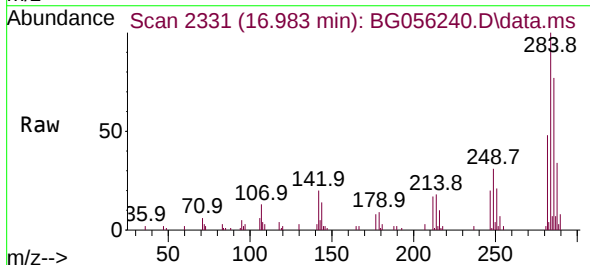
Tgt Ion:248 Resp: 25098
Ion Ratio Lower Upper
248 100
250 97.6 74.8 112.2
141 51.4 37.0 55.4

Manual Integrations
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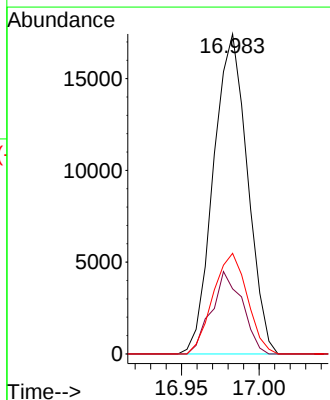
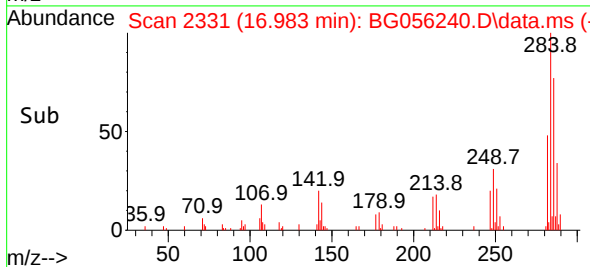
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

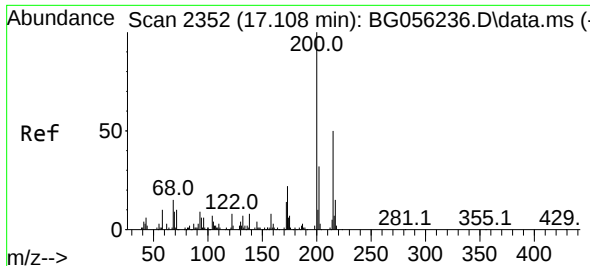


#69
Hexachlorobenzene
Concen: 4.363 ng/ul
RT: 16.983 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



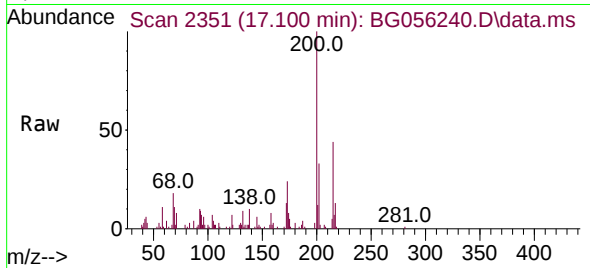
Tgt Ion:284 Resp: 26623
Ion Ratio Lower Upper
284 100
142 19.0 18.9 28.3
249 29.3 26.8 40.2





#70
Atrazine
Concen: 4.763 ng/ul
RT: 17.100 min Scan# 2352
Delta R.T. -0.012 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

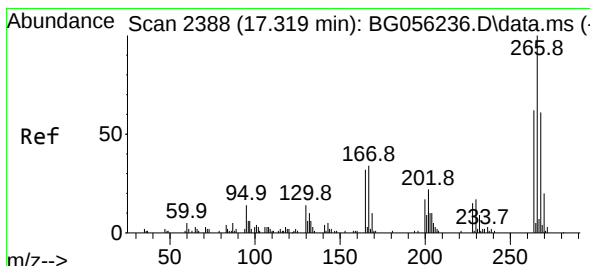
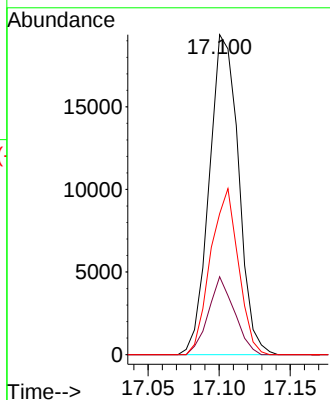
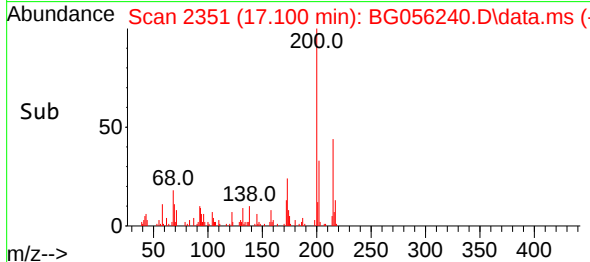
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:200 Resp: 2783
Ion Ratio Lower Upper
200 100
173 24.3 18.0 27.0
215 44.0 40.8 61.2

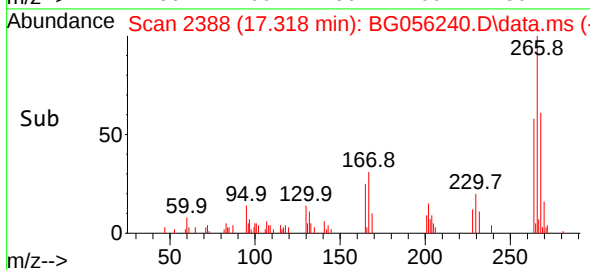
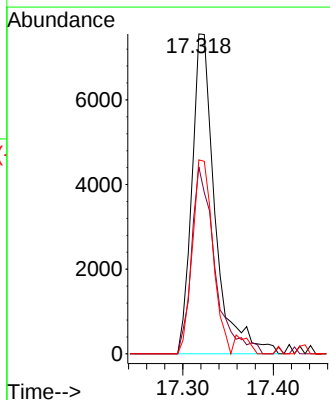
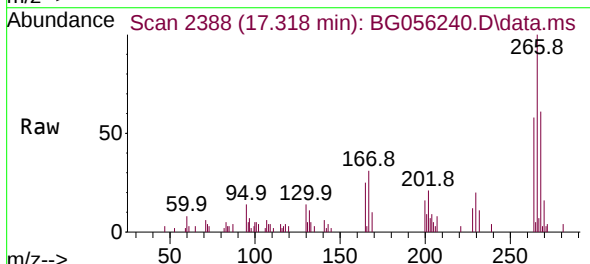
Manual Integrations
APPROVED

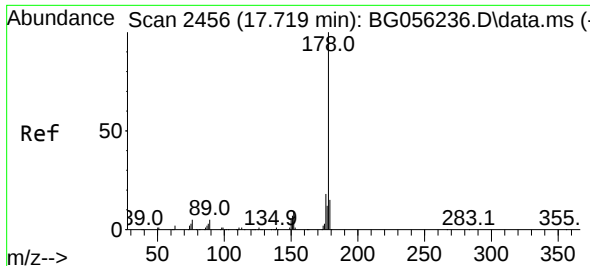
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#71
Pentachlorophenol
Concen: 3.457 ng/ul m
RT: 17.318 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

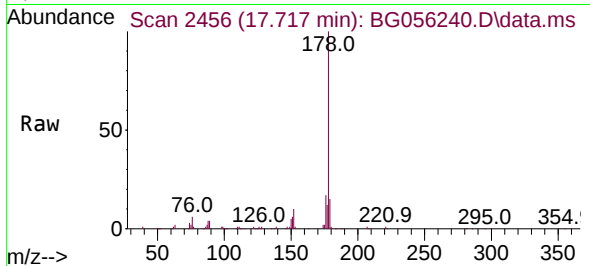
Tgt Ion:266 Resp: 13453
Ion Ratio Lower Upper
266 100
264 58.4 47.7 71.5
268 60.6 54.3 81.5





#72
Phenanthrene
Concen: 4.257 ng/ul
RT: 17.717 min Scan# 2456
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

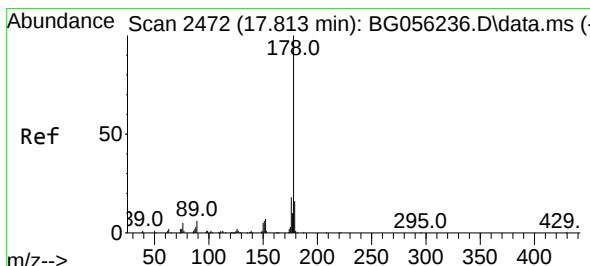
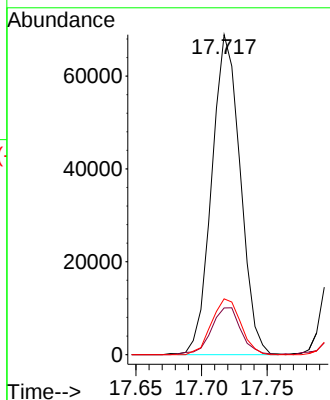
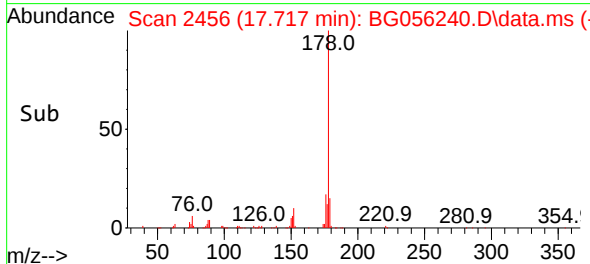
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2022-06



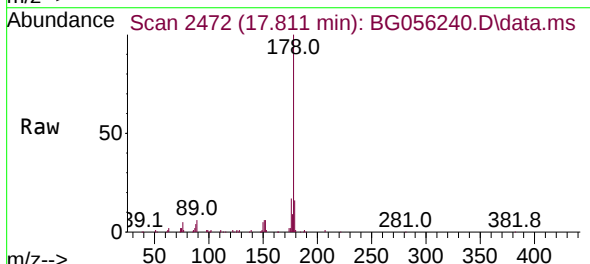
Tgt Ion:178 Resp: 10425
Ion Ratio Lower Upper
178 100
179 14.6 12.4 18.6
176 17.5 15.0 22.6

Manual Integrations
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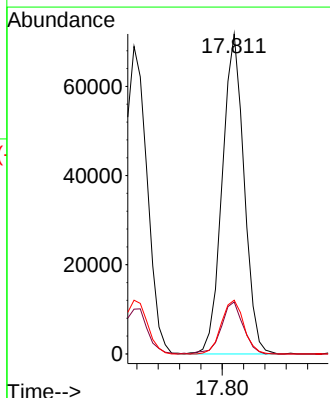
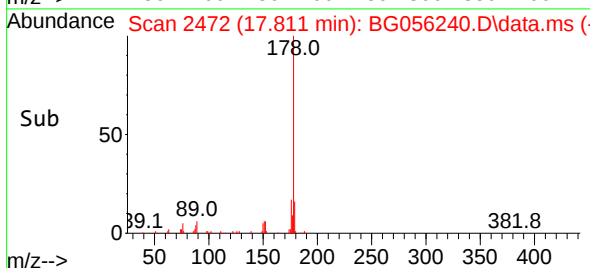
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

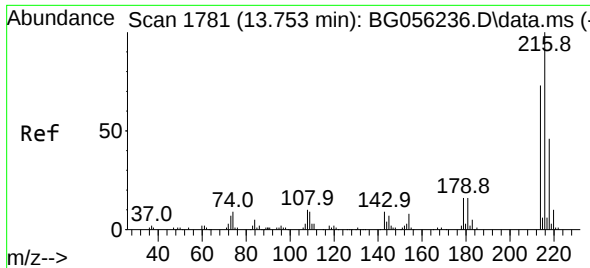


#74
Anthracene
Concen: 4.098 ng/ul
RT: 17.811 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



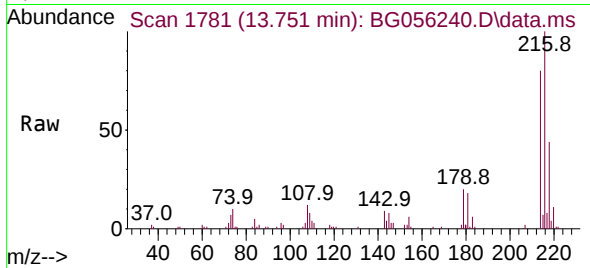
Tgt Ion:178 Resp: 101912
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 16.8 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.993 ng/uL
RT: 13.751 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

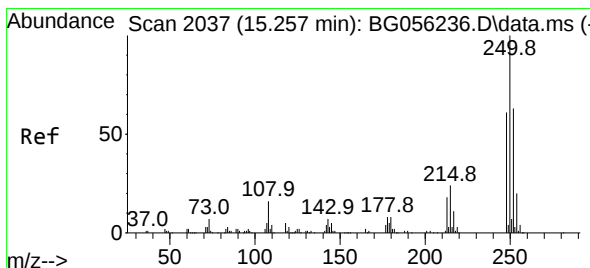
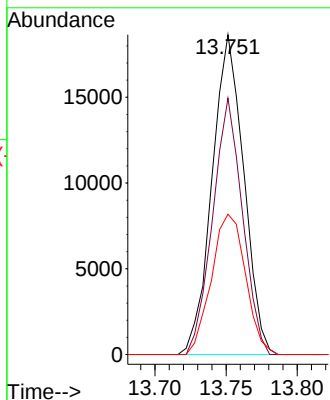
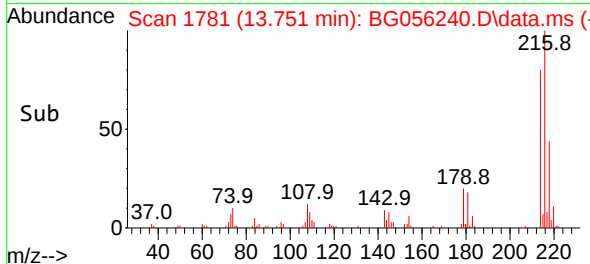
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT3-2022-06



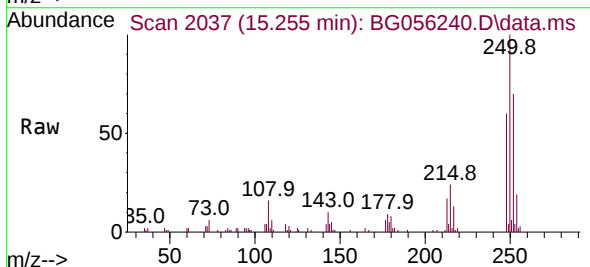
Tgt Ion:216 Resp: 28912
Ion Ratio Lower Upper
216 100
214 80.1 62.4 93.6
218 47.5 39.4 59.0

Manual Integrations
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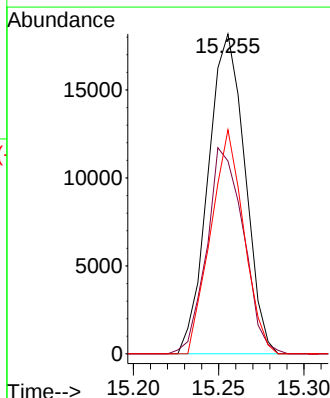
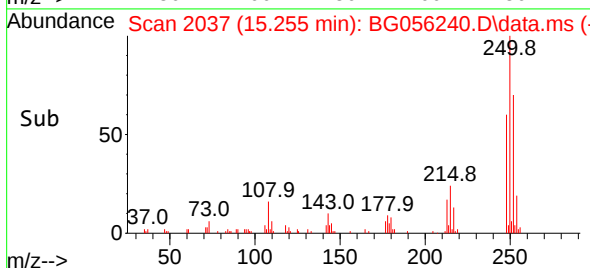
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

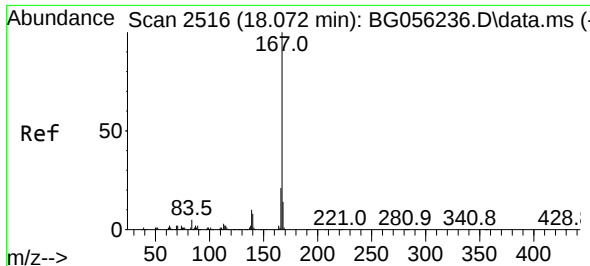


#76
Pentachlorobenzene
Concen: 3.682 ng/uL
RT: 15.255 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



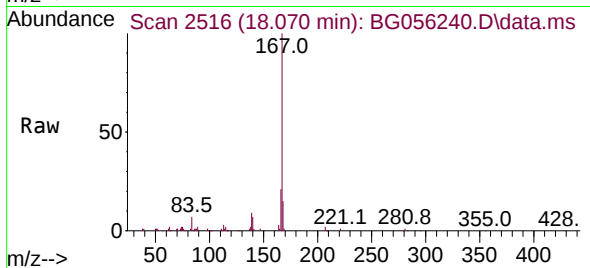
Tgt Ion:250 Resp: 27280
Ion Ratio Lower Upper
250 100
248 57.0 51.6 77.4
252 69.7 55.2 82.8





#77
 Carbazole
 Concen: 4.340 ng/ul
 RT: 18.070 min Scan# 2516
 Delta R.T. -0.006 min
 Lab File: BG056240.D
 Acq: 10 Jan 2023 12:19

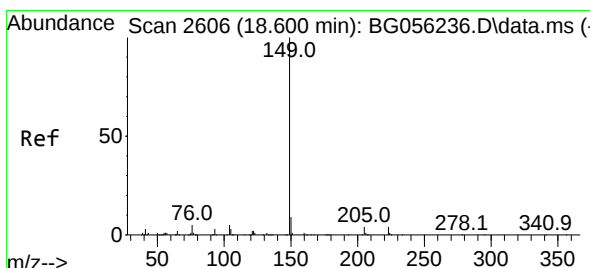
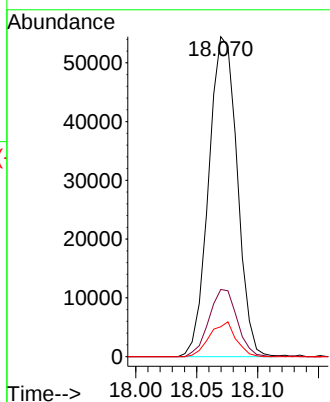
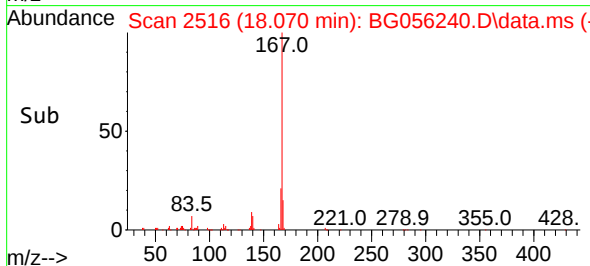
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-QT3-2022-06



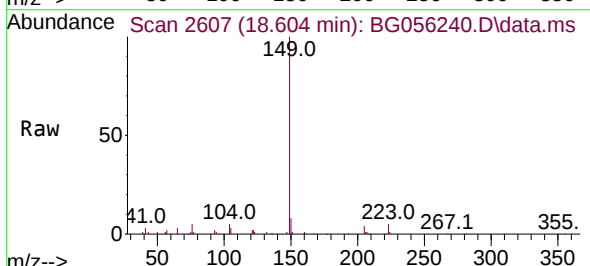
Tgt Ion:167 Resp: 88592
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 9.3 8.6 12.8

Manual Integrations
 APPROVED

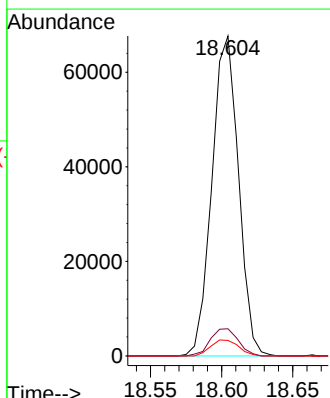
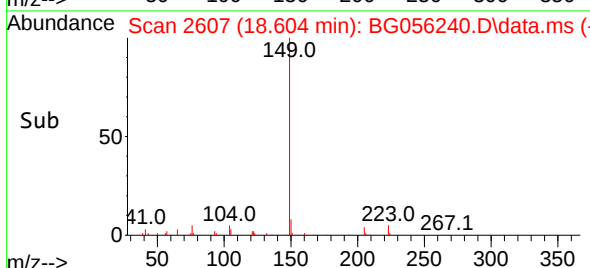
Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :mohammad ahmed 01/12/2023

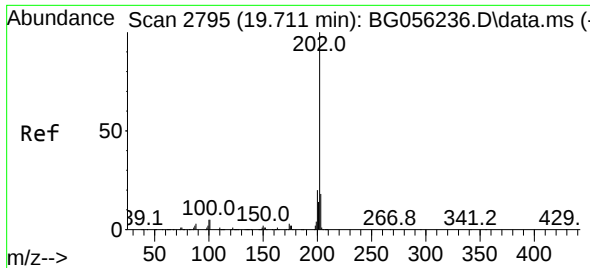


#78
 Di-n-butylphthalate
 Concen: 4.081 ng/ul
 RT: 18.604 min Scan# 2607
 Delta R.T. 0.000 min
 Lab File: BG056240.D
 Acq: 10 Jan 2023 12:19



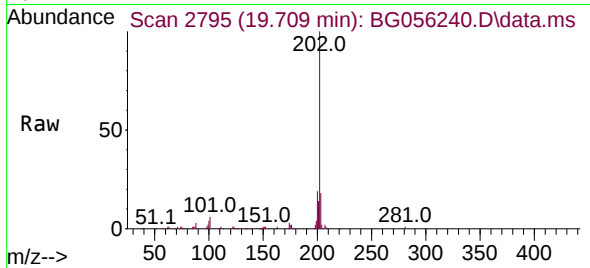
Tgt Ion:149 Resp: 87892
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.1 10.7
 104 4.8 4.2 6.4





#80
Fluoranthene
Concen: 4.002 ng/ul
RT: 19.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

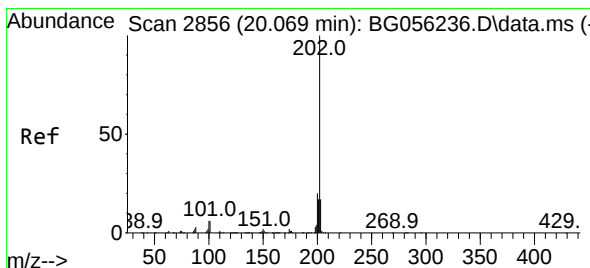
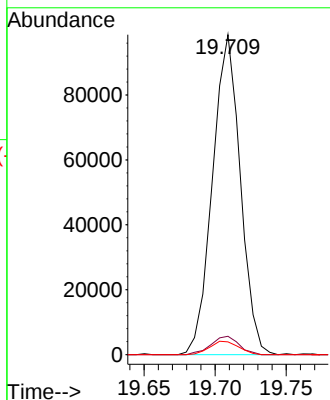
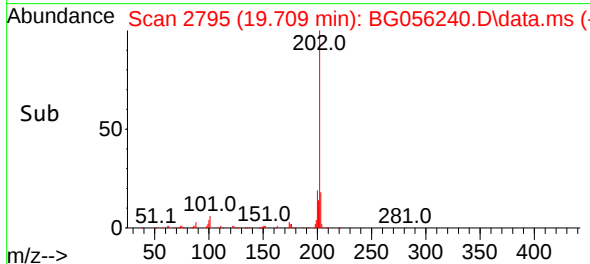
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



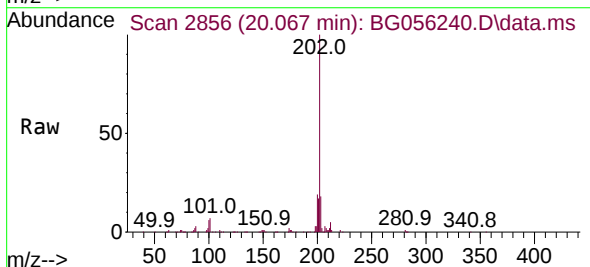
Tgt Ion:202 Resp: 134227
Ion Ratio Lower Upper
202 100
101 5.7 4.4 6.6
100 4.0 3.8 5.6

Manual Integrations
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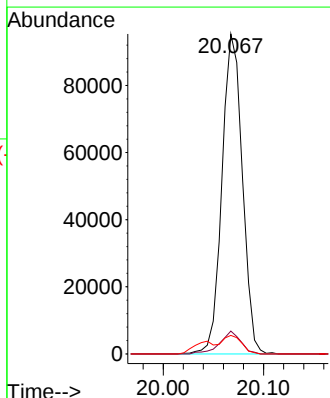
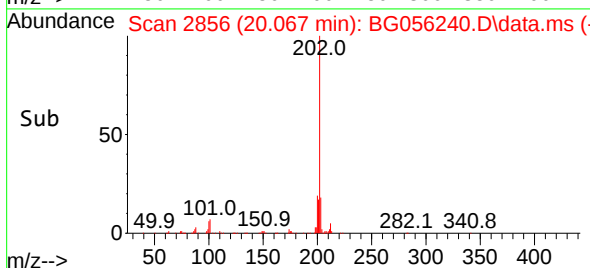
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

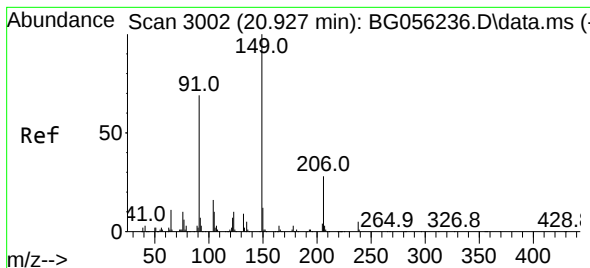


#82
Pyrene
Concen: 4.019 ng/ul
RT: 20.067 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



Tgt Ion:202 Resp: 134790
Ion Ratio Lower Upper
202 100
101 7.1 5.2 7.8
100 5.8 4.2 6.2





#83

Butylbenzylphthalate

Concen: 3.958 ng/ul

RT: 20.925 min Scan# 3002

Delta R.T. -0.006 min

Lab File: BG056240.D

Acq: 10 Jan 2023 12:19

Instrument :

BNA_G

ClientSampleId :

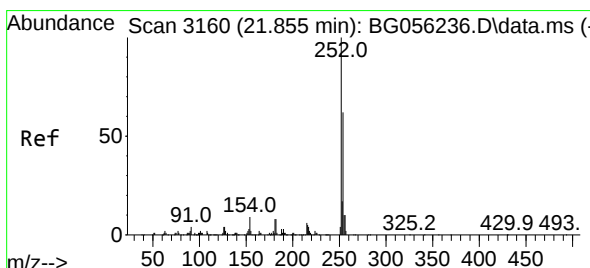
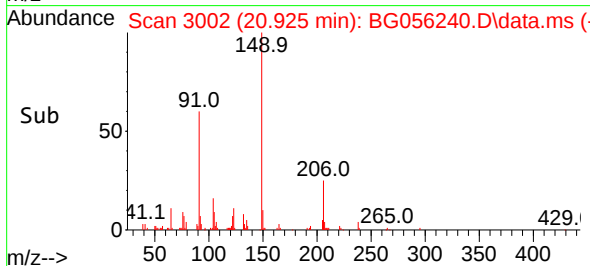
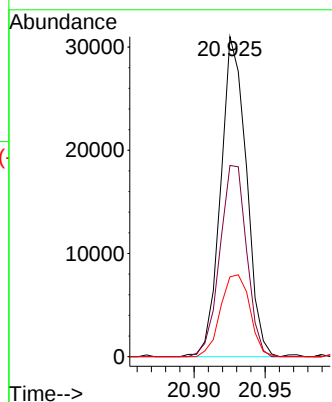
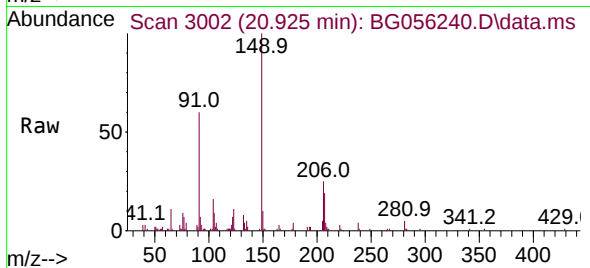
MDL-SOIL-QT3-2022-06

Tgt Ion:	149	Resp:	38940
Ion Ratio	Lower	Upper	
149	100		
91	59.7	50.0	75.0
206	24.9	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.660 ng/ul

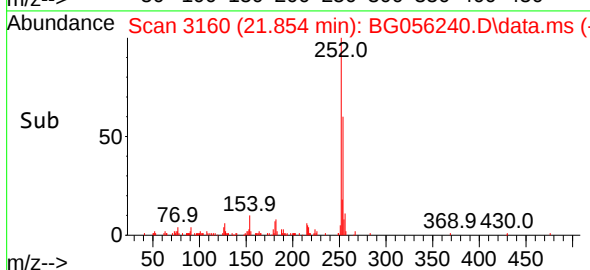
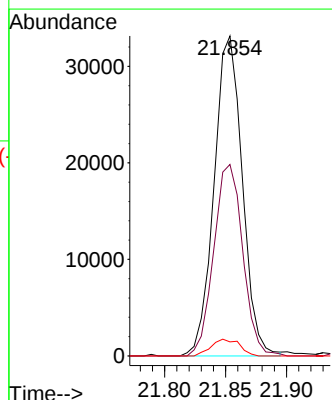
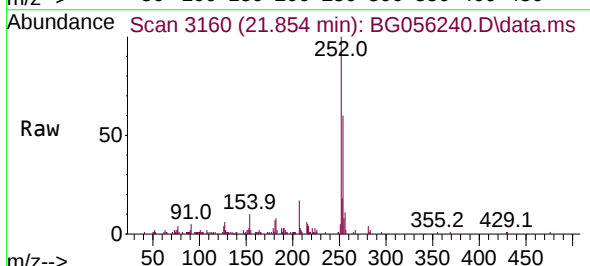
RT: 21.854 min Scan# 3160

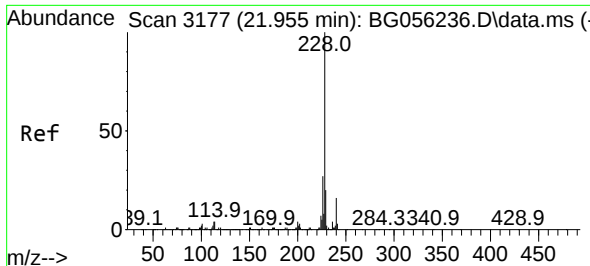
Delta R.T. 0.000 min

Lab File: BG056240.D

Acq: 10 Jan 2023 12:19

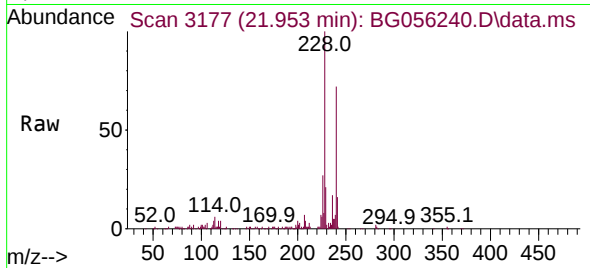
Tgt Ion:	252	Resp:	53405
Ion Ratio	Lower	Upper	
252	100		
254	59.8	51.1	76.7
126	4.4	3.8	5.6





#85
Benzo(a)anthracene
Concen: 4.167 ng/ul
RT: 21.953 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

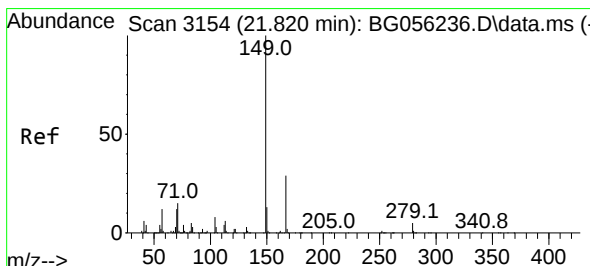
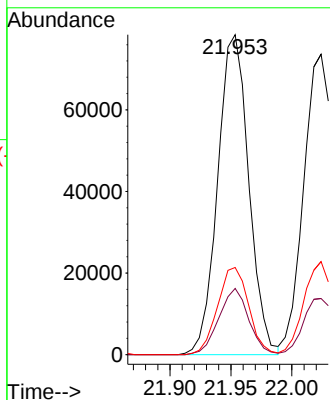
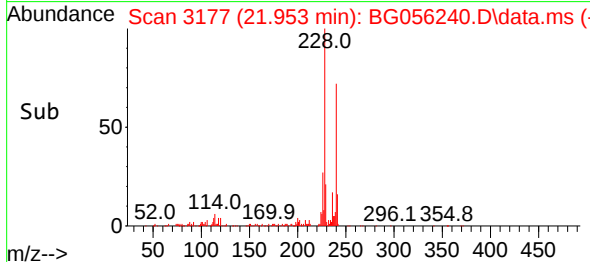
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:228 Resp: 139283
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 27.2 22.2 33.2

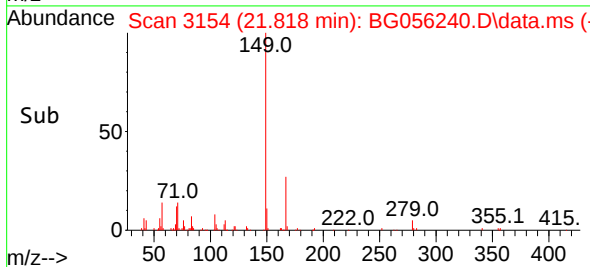
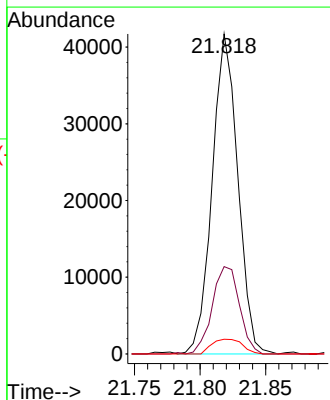
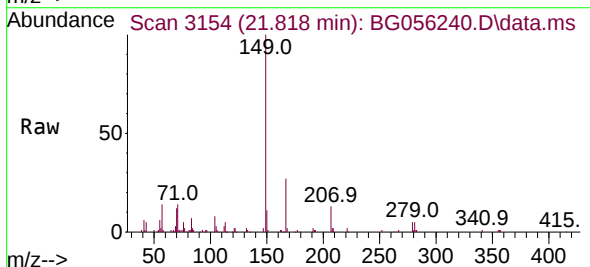
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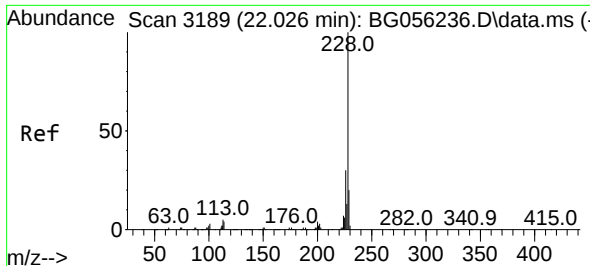
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.982 ng/ul
RT: 21.818 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

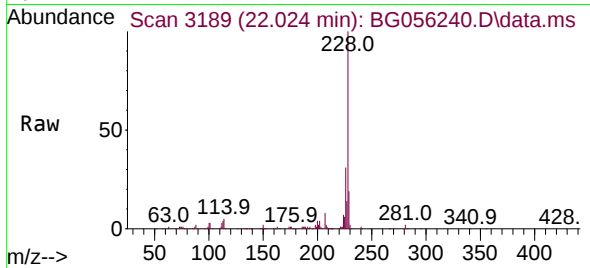
Tgt Ion:149 Resp: 56643
Ion Ratio Lower Upper
149 100
167 27.3 23.7 35.5
279 4.6 4.9 7.3#





#87
Chrysene
Concen: 4.182 ng/ul
RT: 22.024 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

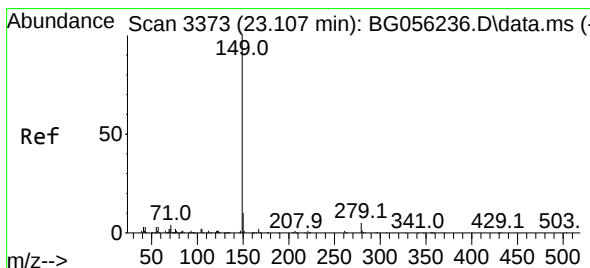
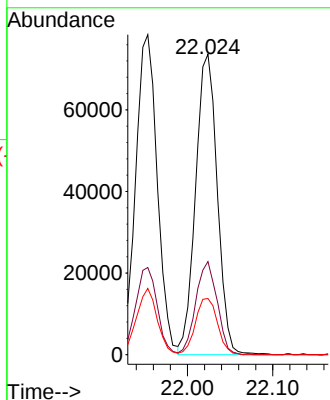
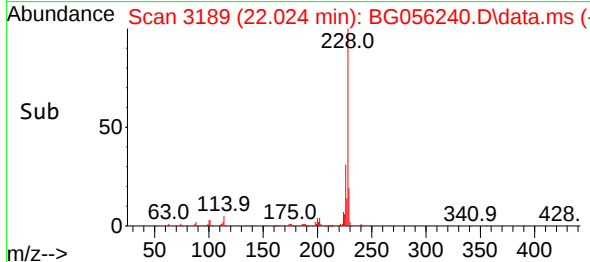
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:228 Resp: 129974
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 18.7 15.8 23.8

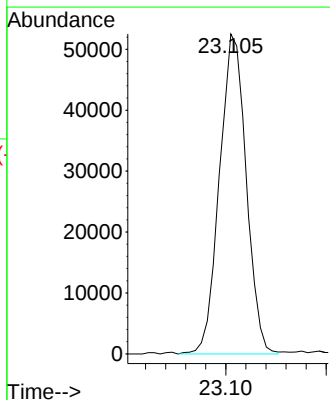
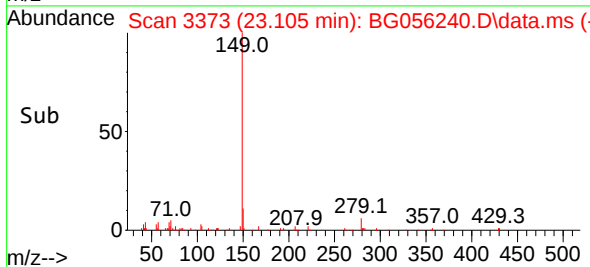
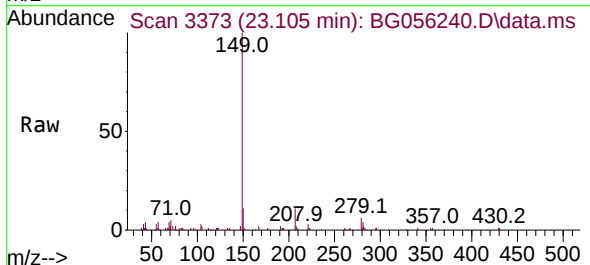
Manual Integrations
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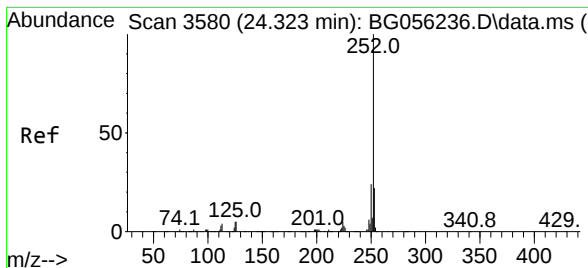
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#89
Di-n-octyl phthalate
Concen: 4.268 ng/ul
RT: 23.105 min Scan# 3373
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

Tgt Ion:149 Resp: 97080





#90

Benzo(b)fluoranthene

Concen: 4.372 ng/ul

RT: 24.321 min Scan# 3580

Delta R.T. -0.006 min

Lab File: BG056240.D

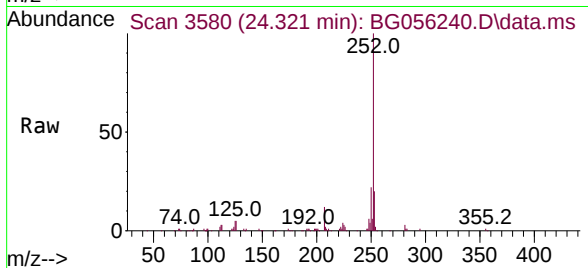
Acq: 10 Jan 2023 12:19

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2022-06



Tgt Ion:252 Resp: 144624

Ion Ratio Lower Upper

252 100

253 20.1 17.4 26.2

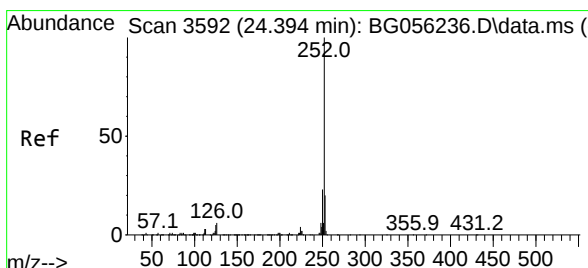
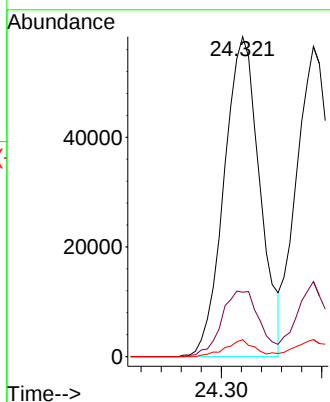
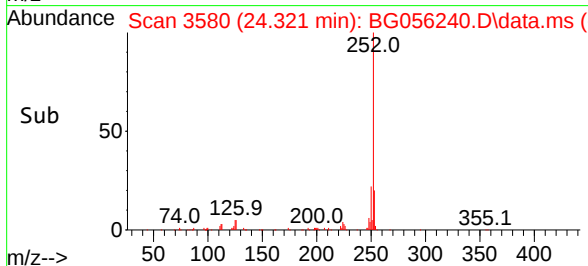
125 5.3 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023

Supervised By :mohammad ahmed 01/12/2023



#91

Benzo(k)fluoranthene

Concen: 4.355 ng/ul

RT: 24.392 min Scan# 3592

Delta R.T. -0.012 min

Lab File: BG056240.D

Acq: 10 Jan 2023 12:19

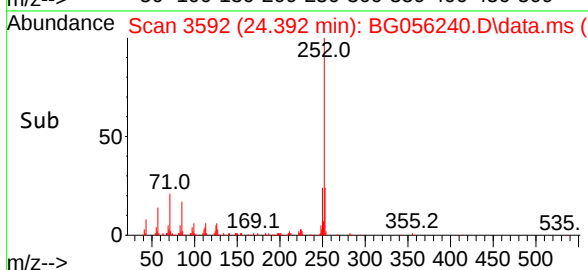
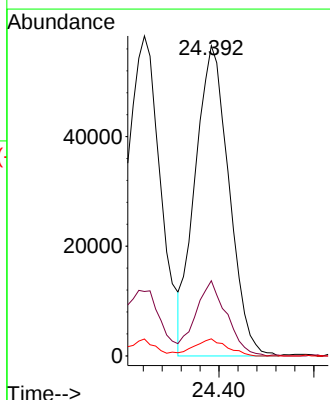
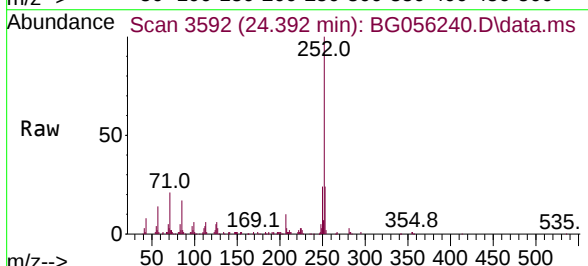
Tgt Ion:252 Resp: 140953

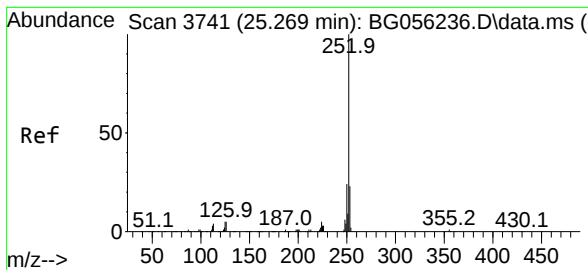
Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

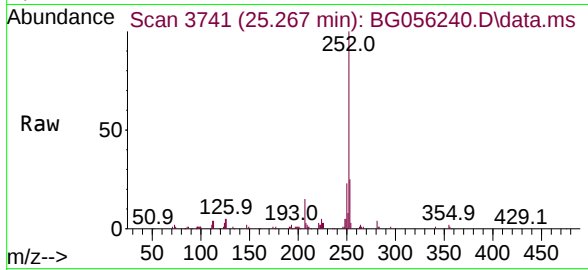
125 5.5 3.1 4.7





#93
Benzo(a)pyrene
Concen: 4.268 ng/ul
RT: 25.267 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

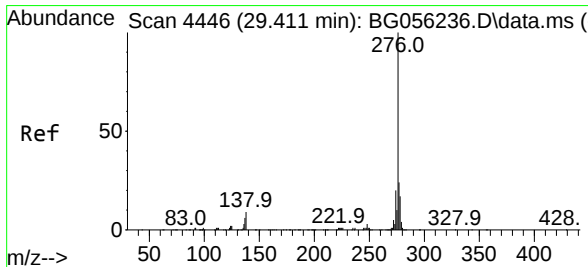
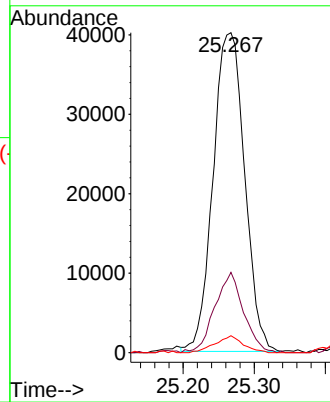
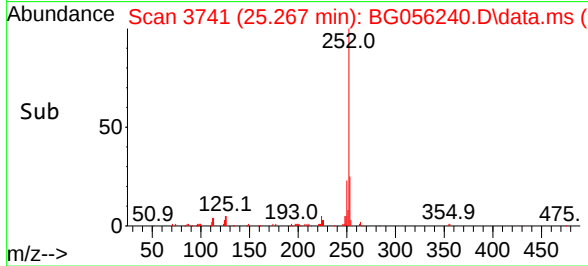
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



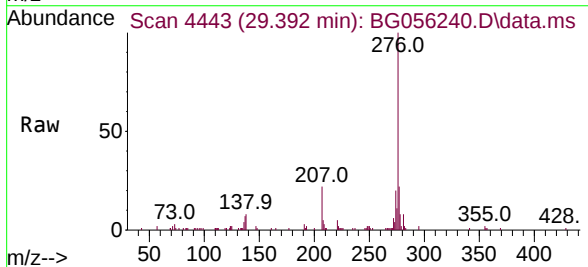
Tgt Ion:252 Resp: 123602
Ion Ratio Lower Upper
252 100
253 25.1 17.3 25.9
125 5.3 3.2 4.8

Manual Integrations
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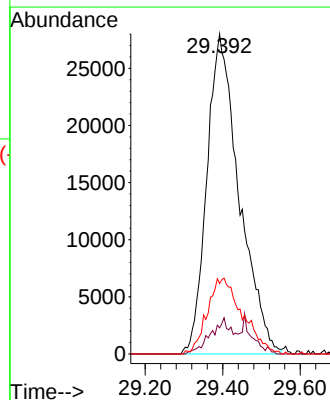
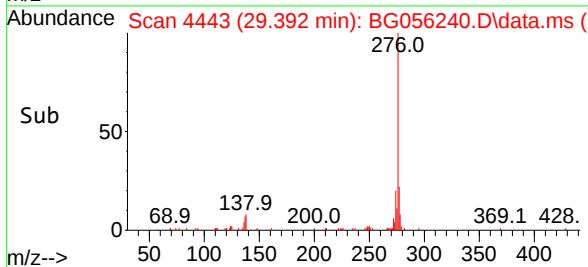
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

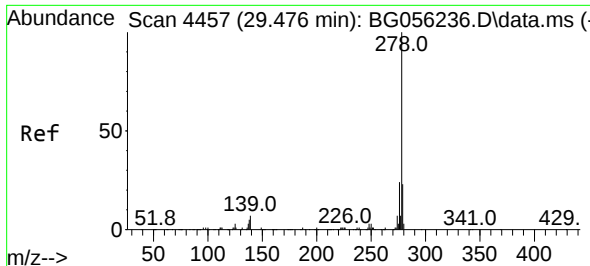


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.263 ng/ul
RT: 29.392 min Scan# 4443
Delta R.T. -0.018 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



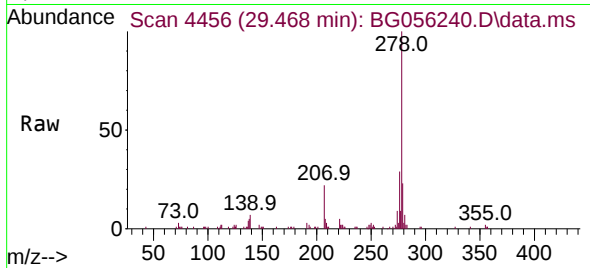
Tgt Ion:276 Resp: 162395
Ion Ratio Lower Upper
276 100
138 8.1 6.2 9.2
277 22.0 19.8 29.6





#95
Dibenzo(a,h)anthracene
Concen: 4.211 ng/ul
RT: 29.468 min Scan# 4456
Delta R.T. -0.006 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19

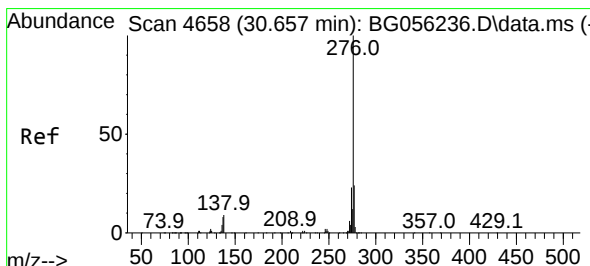
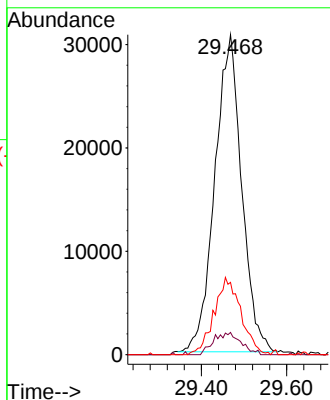
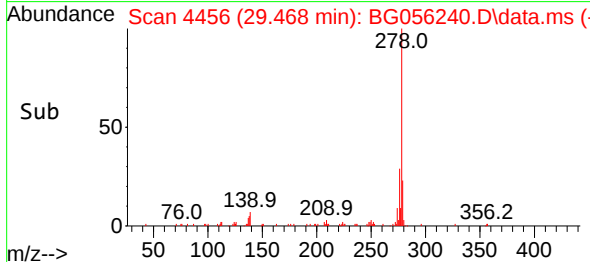
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2022-06



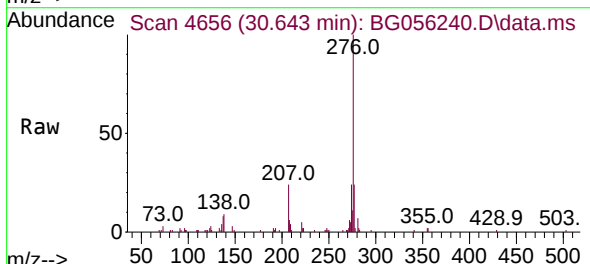
Tgt Ion:278 Resp: 134056
Ion Ratio Lower Upper
278 100
139 6.9 5.0 7.4
279 22.6 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023



#96
Benzo(g,h,i)perylene
Concen: 4.281 ng/ul
RT: 30.643 min Scan# 4656
Delta R.T. -0.023 min
Lab File: BG056240.D
Acq: 10 Jan 2023 12:19



Tgt Ion:276 Resp: 131856
Ion Ratio Lower Upper
276 100
138 8.8 5.8 8.8#
277 23.9 19.1 28.7

