

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
 Data File : BM038384.D
 Acq On : 06 Jan 2023 12:00
 Operator : CG/JU
 Sample : N5388-04
 Misc : SFAM-MDL-S-02-4PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 06 12:32:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 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	7.998	152	60861	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	232923	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	144257	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	330203	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	344105	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	429617	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	8564	4.563	ng/uL	0.00
4) Pyridine-d5	3.799	84	73378	13.514	ng/u1	0.00
7) Phenol-d5	7.157	99	97654	17.613	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	74686	18.726	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	74495	18.753	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	72744	16.997	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	32949	18.030	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	37137	17.919	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	69891	17.463	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	89365	16.181	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	198760	18.193	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	225437	17.707	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	29335	14.916	ng/u1	0.00
60) Fluorene-d10	15.616	176	175240	17.638	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	35587	14.870	ng/u1	0.00
73) Anthracene-d10	17.468	188	276293	17.346	ng/u1	0.00
81) Pyrene-d10	19.756	212	343875	17.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	382875	17.944	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	2263m	1.129	ng/uL	
5) Pyridine	3.822	79	21512	3.751	ng/u1#	70
6) Benzaldehyde	7.146	77	14372m	6.305	ng/u1	
8) Phenol	7.187	94	22576	3.860	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.422	93	19055	4.069	ng/u1	98
12) 2-Chlorophenol	7.557	128	16648	4.058	ng/u1	89
13) 2-Methylphenol	8.445	108	15139	3.624	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.534	45	28657m	3.858	ng/u1	
16) Acetophenone	8.834	105	26896	3.551	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.810	70	15899	3.897	ng/u1	98
18) 4-Methylphenol	8.781	108	16100	3.542	ng/u1	98
19) Hexachloroethane	9.081	117	7825	4.096	ng/u1	89
22) Nitrobenzene	9.216	77	24761	4.108	ng/u1#	95
23) Isophorone	9.739	82	39644	3.837	ng/u1	98
25) 2-Nitrophenol	9.928	139	8197	3.797	ng/u1#	87
26) 2,4-Dimethylphenol	9.981	107	19120	3.789	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.222	93	23784	4.023	ng/u1	98
29) 2,4-Dichlorophenol	10.463	162	15606	4.010	ng/u1	96
30) Naphthalene	10.863	128	49762	4.005	ng/u1	99
32) 4-Chloroaniline	10.975	127	19927	3.541	ng/u1	98
33) Hexachlorobutadiene	11.134	225	12279	4.238	ng/u1	99
34) Caprolactam	11.781	113	3554m	3.199	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	14188	3.426	ng/u1	94
36) 2-Methylnaphthalene	12.469	142	30117	3.719	ng/u1	100

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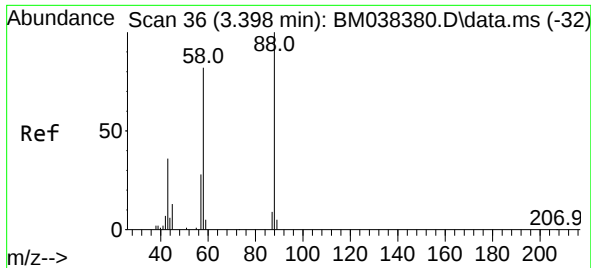
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 Supervised By :mohammad ahmed 01/09/2023

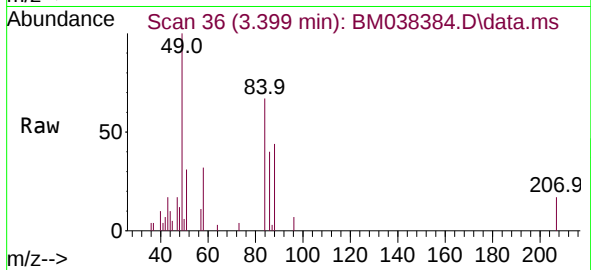
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	27130	3.238	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.828	216	20132	3.947	ng/ul	96
40) Hexachlorocyclopentadiene	12.804	237	14831	4.117	ng/ul	94
41) 2,4,6-Trichlorophenol	13.075	196	11200	3.538	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	12403m	3.656	ng/ul	
43) 1,1'-Biphenyl	13.469	154	41297	3.787	ng/ul	97
44) 2-Chloronaphthalene	13.510	162	33903	3.808	ng/ul	95
45) 2-Nitroaniline	13.727	65	9849m	3.307	ng/ul	
47) Dimethylphthalate	14.086	163	43467	3.921	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	7400	3.506	ng/ul	92
50) Acenaphthylene	14.357	152	51096	3.783	ng/ul	99
51) 3-Nitroaniline	14.551	138	6753	3.474	ng/ul	99
52) Acenaphthene	14.692	153	36658	3.835	ng/ul	96
53) 2,4-Dinitrophenol	14.757	184	6936	4.395	ng/ul	96
55) 4-Nitrophenol	14.845	109	7045	3.422	ng/ul	89
56) Dibenzofuran	15.027	168	52467	3.863	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	10937	3.541	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.257	232	10978	3.623	ng/ul	97
59) Diethylphthalate	15.439	149	42909	3.734	ng/ul	98
61) Fluorene	15.674	166	42344	3.631	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	23760	3.871	ng/ul	97
63) 4-Nitroaniline	15.710	138	6632m	3.566	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	9661	4.213	ng/ul#	92
67) N-Nitrosodiphenylamine	15.880	169	33296	3.536	ng/ul	97
68) 4-Bromophenyl-phenylether	16.557	248	12802	3.660	ng/ul	94
69) Hexachlorobenzene	16.674	284	14884	3.689	ng/ul	98
70) Atrazine	16.827	200	14303	3.675	ng/ul	95
71) Pentachlorophenol	17.021	266	9796	3.679	ng/ul	95
72) Phenanthrene	17.410	178	66828	3.709	ng/ul	99
74) Anthracene	17.504	178	68200	3.681	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.433	216	17825	3.577	ng/uL	98
76) Pentachlorobenzene	14.945	250	16361	3.407	ng/uL	94
77) Carbazole	17.780	167	54740	3.222	ng/ul	99
78) Di-n-butylphthalate	18.327	149	70767	3.487	ng/ul	99
80) Fluoranthene	19.421	202	77340	3.571	ng/ul	99
82) Pyrene	19.786	202	88862	3.765	ng/ul	99
83) Butylbenzylphthalate	20.668	149	31274	3.455	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.456	252	22854	3.185	ng/ul#	97
85) Benzo(a)anthracene	21.527	228	92601	3.781	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	48637	3.481	ng/ul	100
87) Chrysene	21.580	228	90229	3.835	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	88631	2.884	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	95640	3.519	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	97245	3.563	ng/ul	99
93) Benzo(a)pyrene	23.862	252	94953	3.860	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.509	276	121944	3.901	ng/ul	98
95) Dibenzo(a,h)anthracene	26.521	278	99192	3.802	ng/ul	98
96) Benzo(g,h,i)perylene	27.291	276	100938	3.943	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.129 ng/uL m
RT: 3.399 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

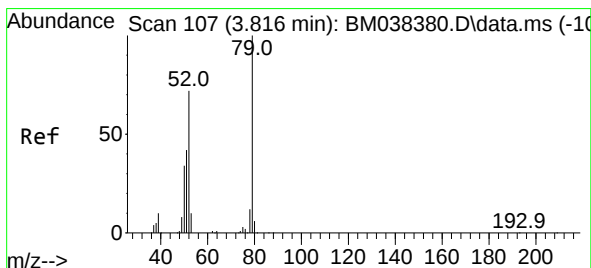
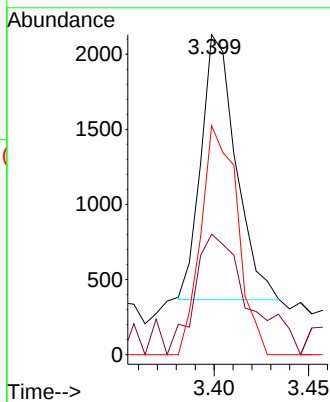
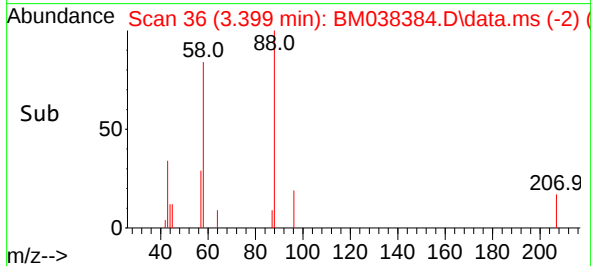
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion: 88 Resp: 226
Ion Ratio Lower Upper
88 100
43 37.7 30.6 45.8
58 71.5 60.2 90.4

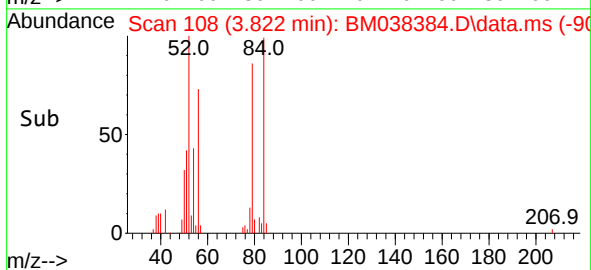
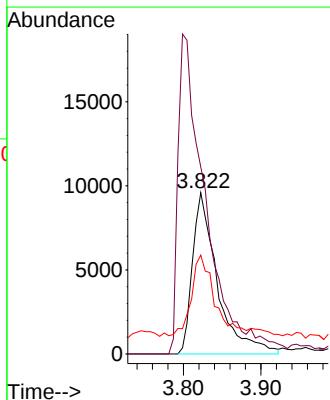
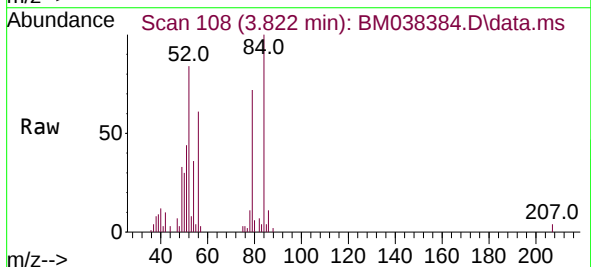
Manual Integrations
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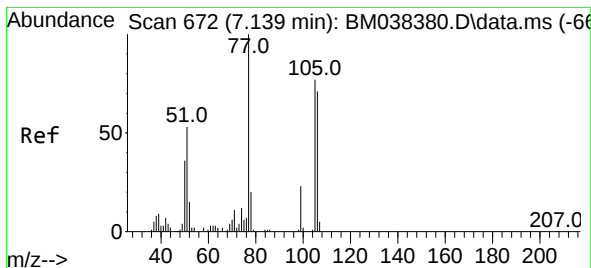
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#5
Pyridine
Concen: 3.751 ng/uL
RT: 3.822 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 79 Resp: 21512
Ion Ratio Lower Upper
79 100
52 116.0 69.6 104.4#
51 61.3 34.8 52.2#





#6

Benzaldehyde

Concen: 6.305 ng/ul m

RT: 7.146 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_M

ClientSampleId :

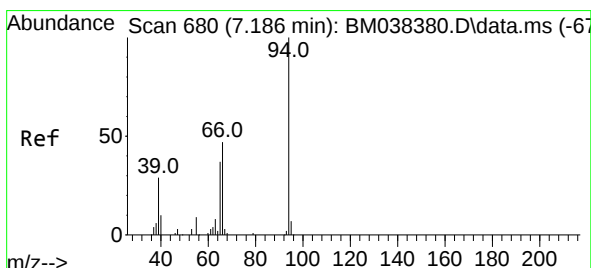
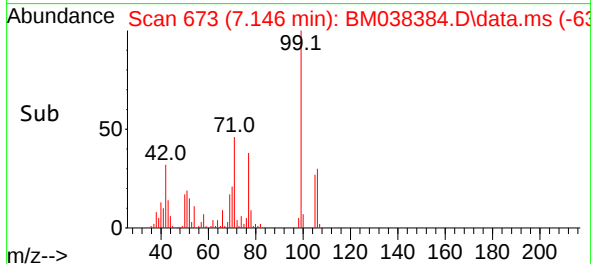
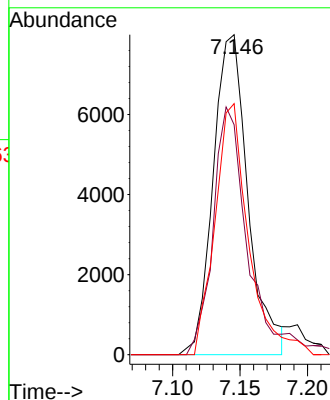
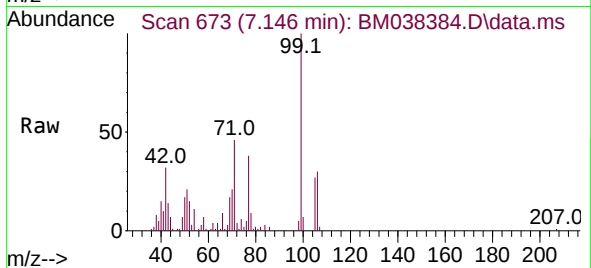
MDL-SOIL-QT4-2022-08

Tgt Ion: 77	Resp: 14372
Ion Ratio	Lower Upper
77 100	
105 71.8	64.5 96.7
106 78.4	60.6 90.8

Manual Integrations

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



#8

Phenol

Concen: 3.860 ng/ul

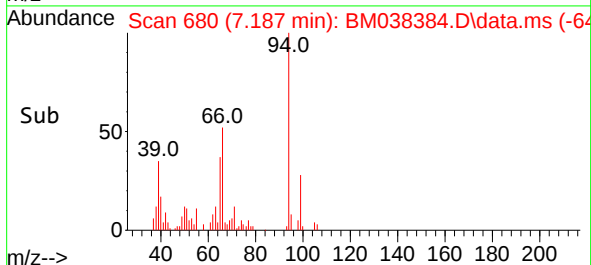
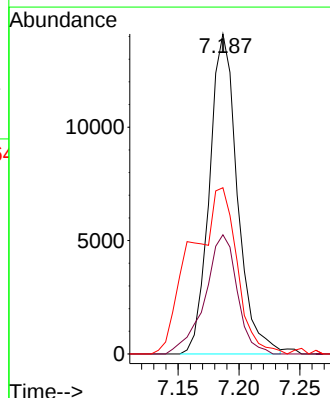
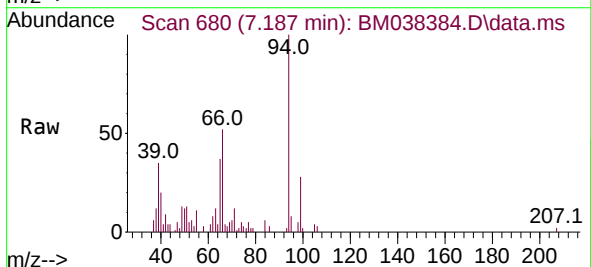
RT: 7.187 min Scan# 680

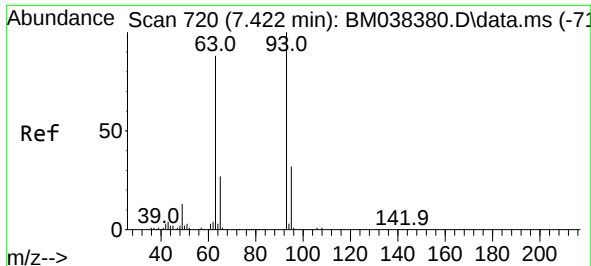
Delta R.T. -0.006 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

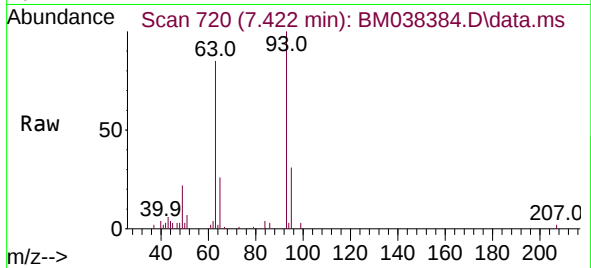
Tgt Ion: 94	Resp: 22576
Ion Ratio	Lower Upper
94 100	
65 37.2	29.4 44.2
66 51.9	38.0 57.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.069 ng/ul
RT: 7.422 min Scan# 720
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

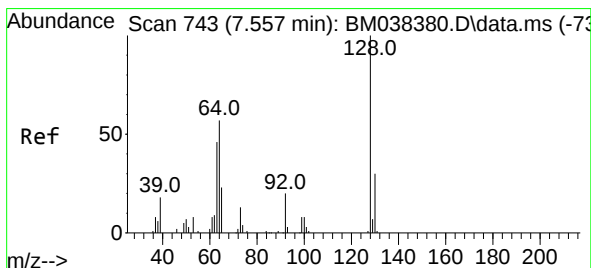
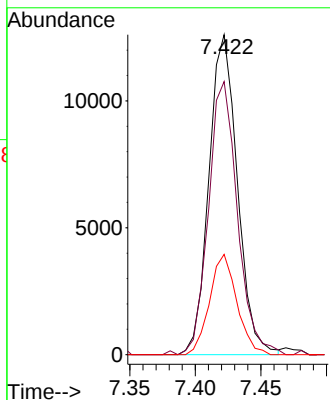
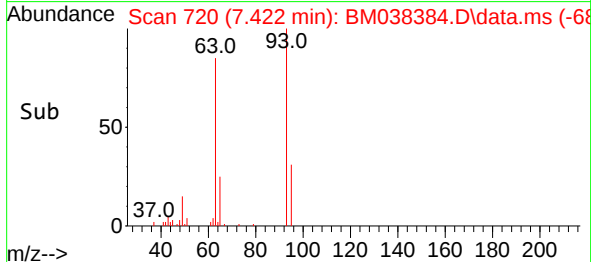
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion: 93 Resp: 1905
Ion Ratio Lower Upper
93 100
63 85.4 69.6 104.4
95 31.3 26.6 40.0

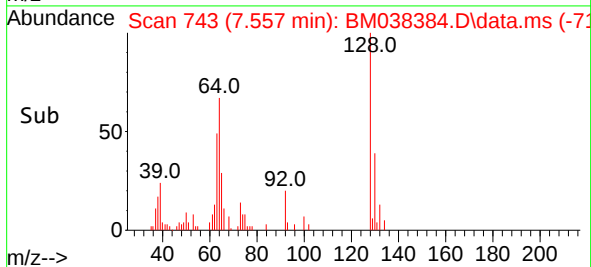
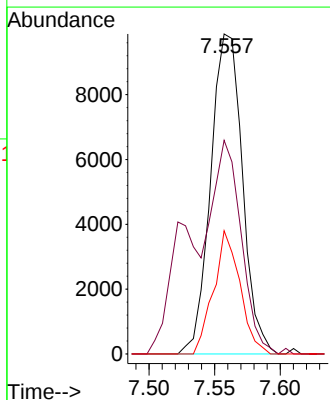
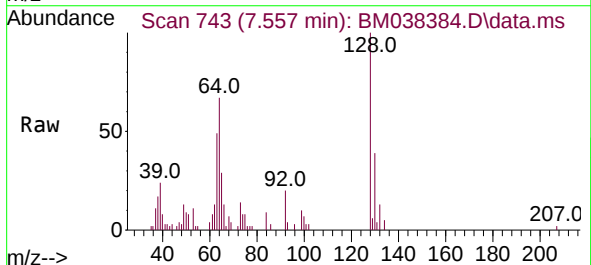
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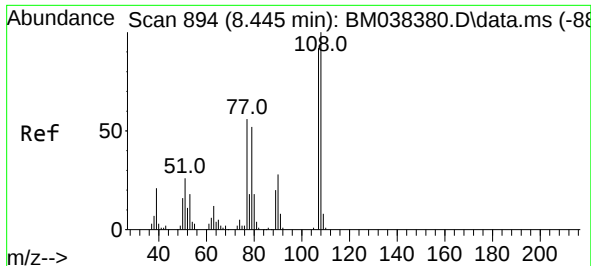
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#12
2-Chlorophenol
Concen: 4.058 ng/ul
RT: 7.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

Tgt Ion:128 Resp: 16648
Ion Ratio Lower Upper
128 100
64 66.7 47.3 70.9
130 38.5 25.7 38.5





#13

2-Methylphenol

Concen: 3.624 ng/ul

RT: 8.445 min Scan# 894

Delta R.T. -0.006 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2022-08

Tgt Ion:108 Resp: 15139

Ion Ratio Lower Upper

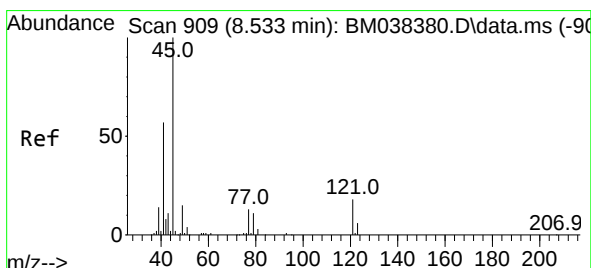
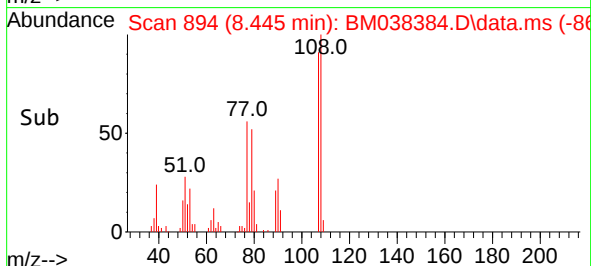
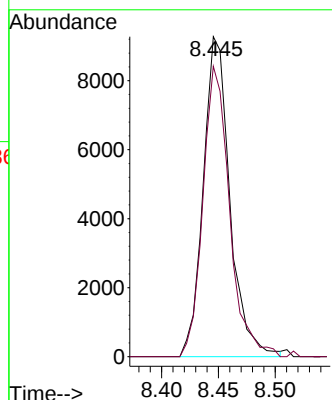
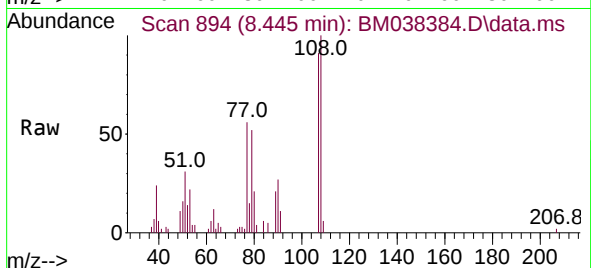
108 100

107 90.8 70.3 105.5

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Supervised By :mohammad ahmed 01/09/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.858 ng/ul m

RT: 8.534 min Scan# 909

Delta R.T. 0.000 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

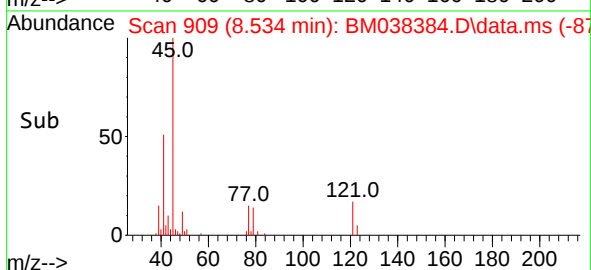
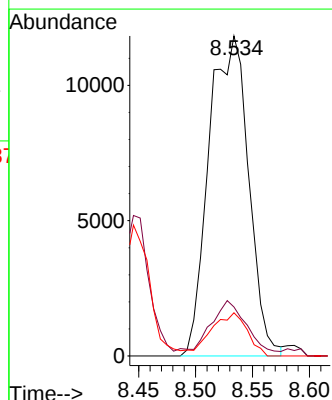
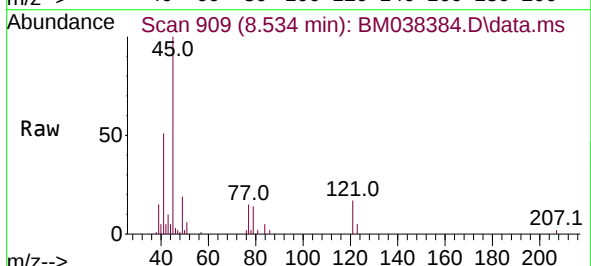
Tgt Ion: 45 Resp: 28657

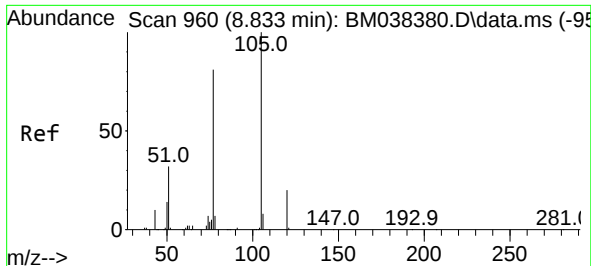
Ion Ratio Lower Upper

45 100

77 15.3 12.2 18.2

79 13.5 8.6 13.0#





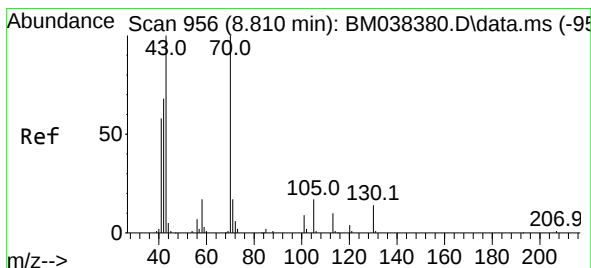
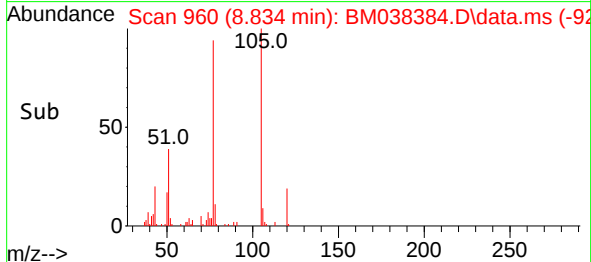
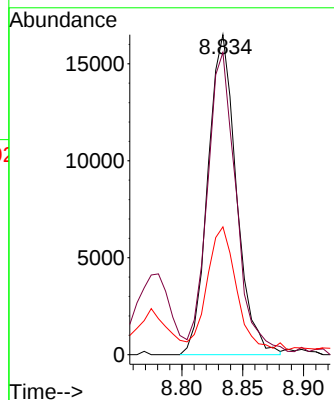
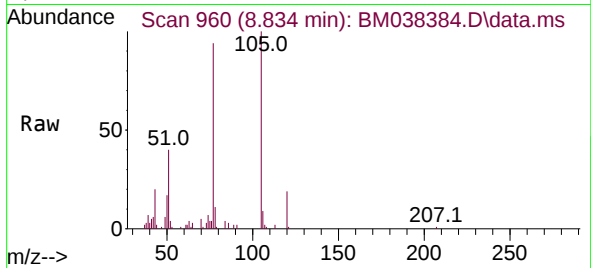
#16
Acetophenone
Concen: 3.551 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

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

Tgt Ion:105 Resp: 26890
Ion Ratio Lower Upper
105 100
77 94.4 71.9 107.9
51 39.9 29.1 43.7

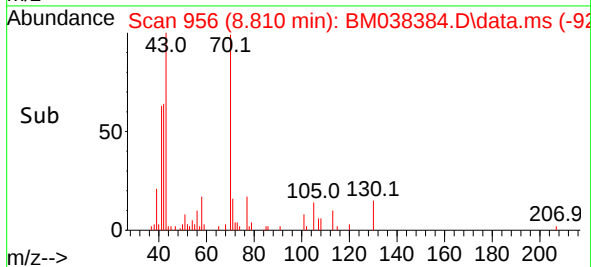
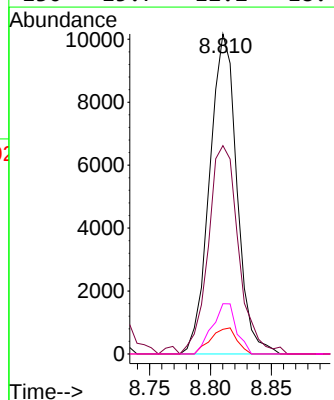
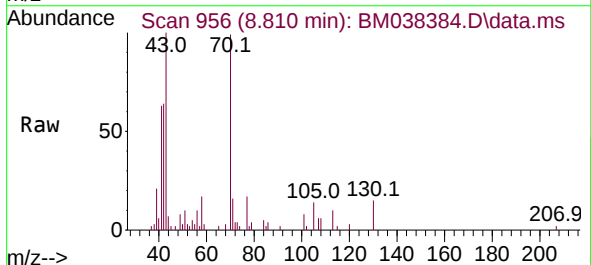
Manual Integrations
APPROVED

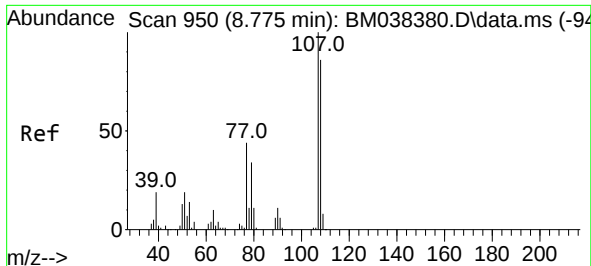
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.897 ng/ul
RT: 8.810 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

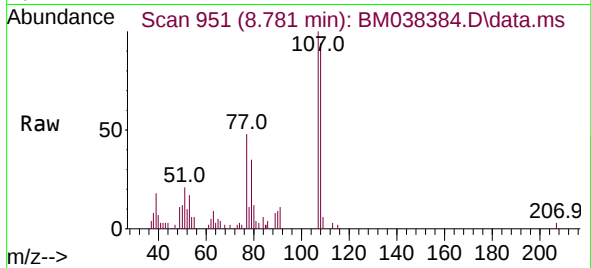
Tgt Ion: 70 Resp: 15899
Ion Ratio Lower Upper
70 100
42 65.1 53.0 79.6
101 7.7 7.2 10.8
130 15.7 12.2 18.4





#18
4-Methylphenol
Concen: 3.542 ng/ul
RT: 8.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

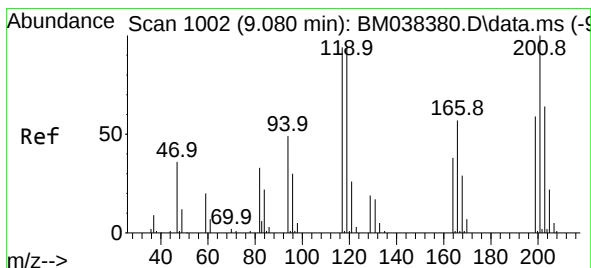
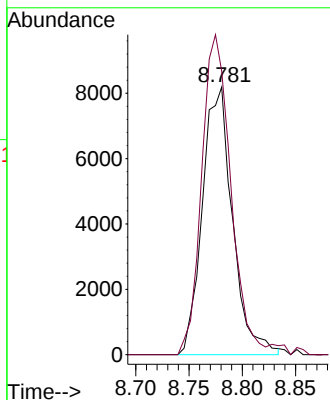
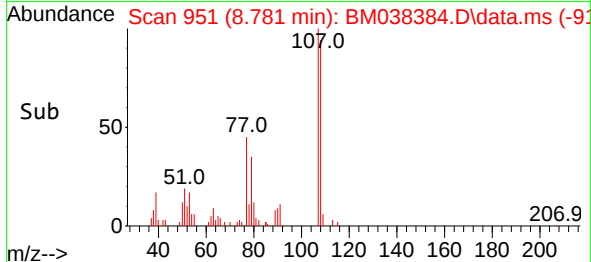
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:108 Resp: 16100
Ion Ratio Lower Upper
108 100
107 105.8 86.4 129.6

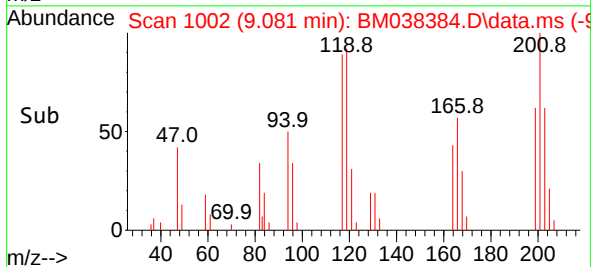
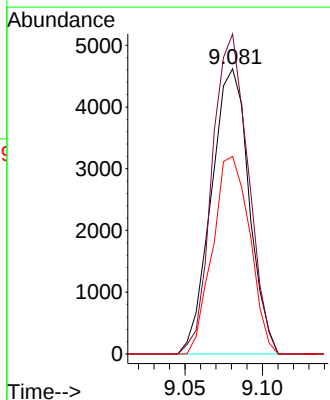
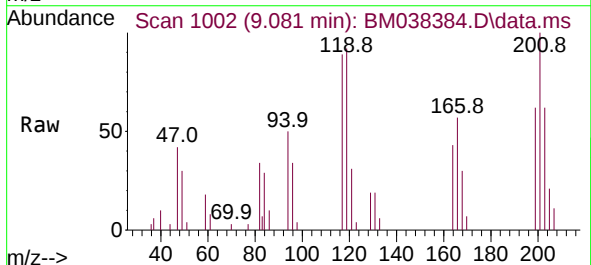
Manual Integrations
APPROVED

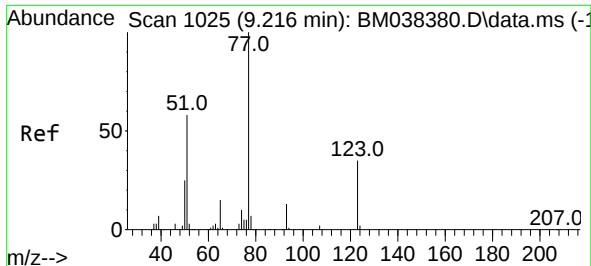
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#19
Hexachloroethane
Concen: 4.096 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

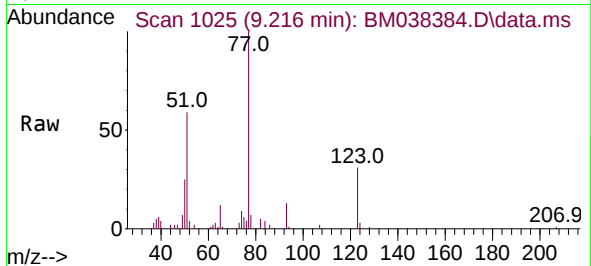
Tgt Ion:117 Resp: 7825
Ion Ratio Lower Upper
117 100
201 112.3 79.8 119.6
199 69.3 50.3 75.5





#22
Nitrobenzene
Concen: 4.108 ng/ul
RT: 9.216 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

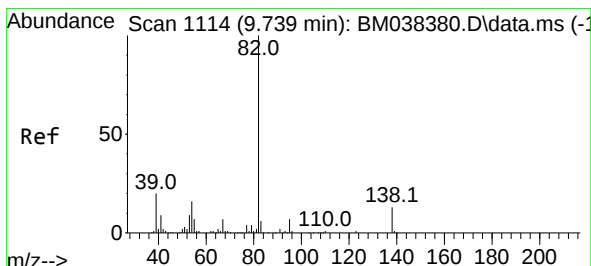
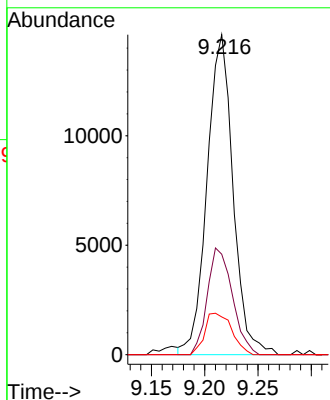
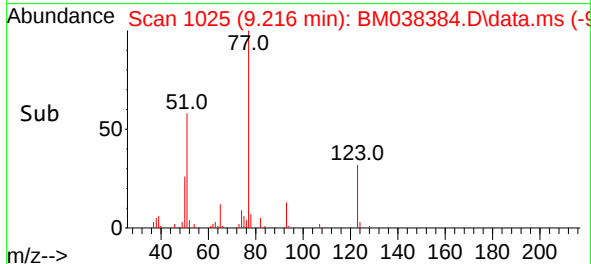
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion: 77 Resp: 2476
Ion Ratio Lower Upper
77 100
123 31.4 26.9 40.3
65 11.8 12.1 18.1

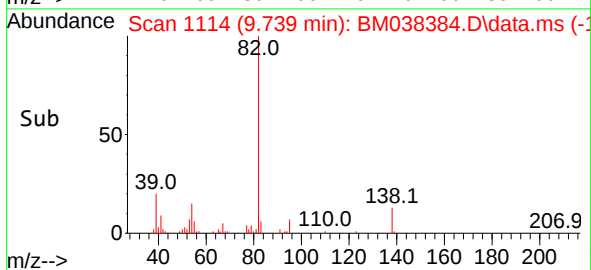
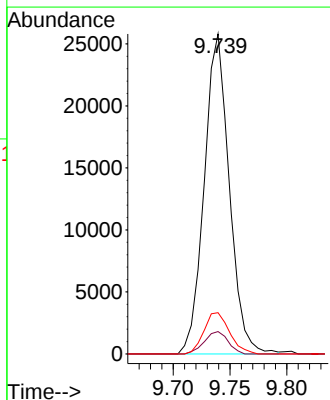
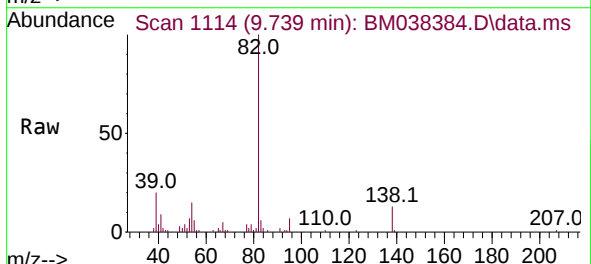
Manual Integrations
APPROVED

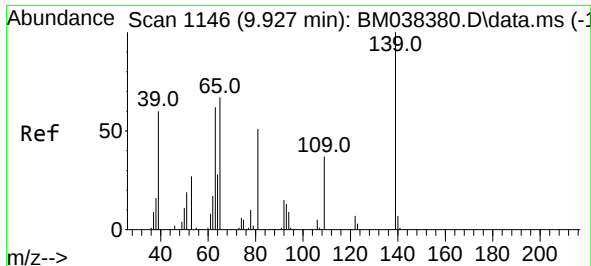
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#23
Isophorone
Concen: 3.837 ng/ul
RT: 9.739 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 82 Resp: 39644
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 12.9 11.1 16.7





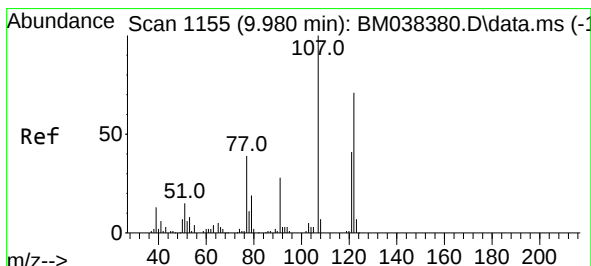
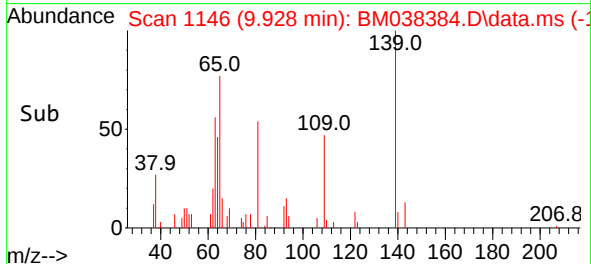
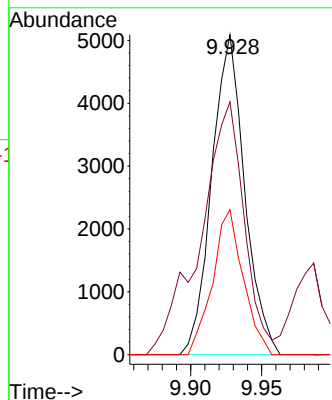
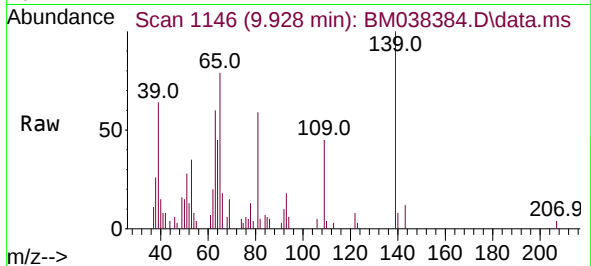
#25
2-Nitrophenol
Concen: 3.797 ng/ul
RT: 9.928 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

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

Tgt Ion:139 Resp: 819
Ion Ratio Lower Upper
139 100
65 79.0 55.9 83.9
109 45.3 29.0 43.4

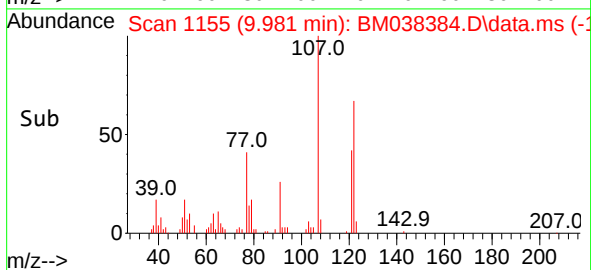
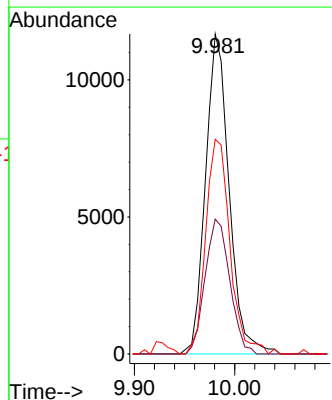
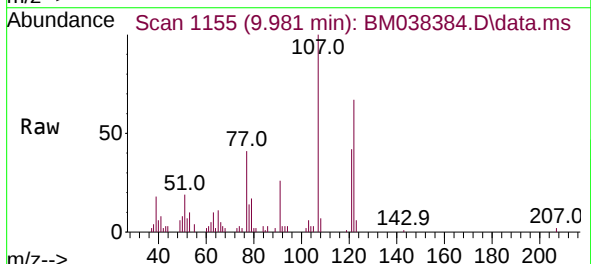
Manual Integrations
APPROVED

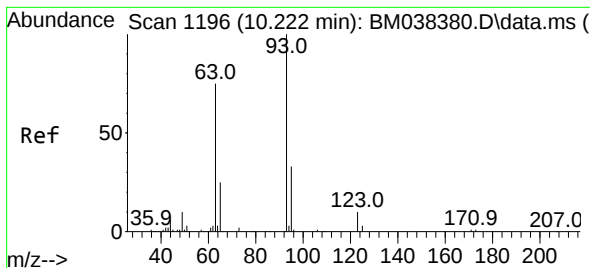
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#26
2,4-Dimethylphenol
Concen: 3.789 ng/ul
RT: 9.981 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

Tgt Ion:107 Resp: 19120
Ion Ratio Lower Upper
107 100
121 42.1 35.2 52.8
122 67.1 58.6 87.8





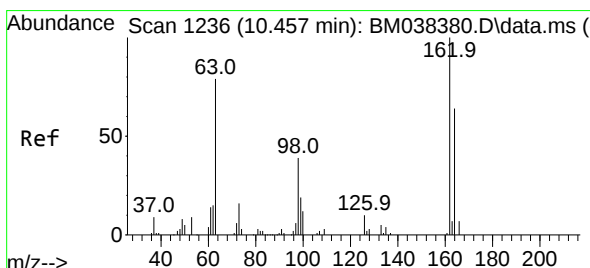
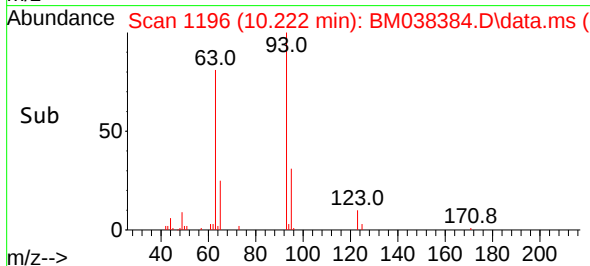
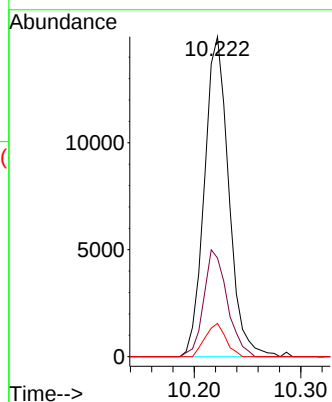
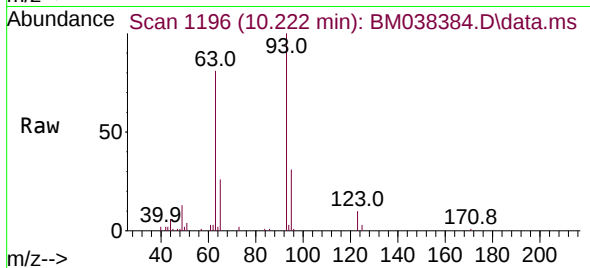
#27
Bis(2-Chloroethoxy)methane
Concen: 4.023 ng/ul
RT: 10.222 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

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

Tgt Ion: 93 Resp: 23784
Ion Ratio Lower Upper
93 100
95 30.8 25.4 38.2
123 10.4 7.5 11.3

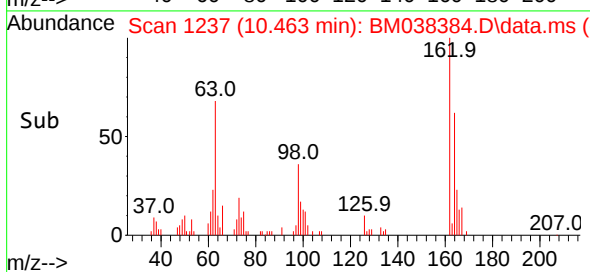
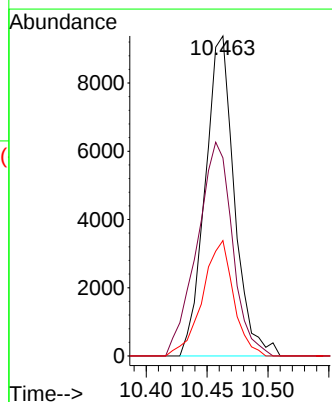
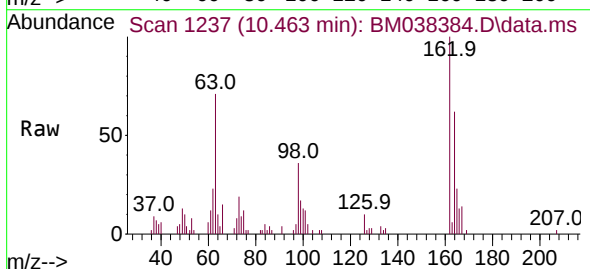
Manual Integrations
APPROVED

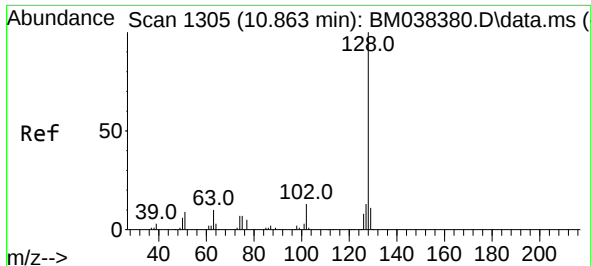
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#29
2,4-Dichlorophenol
Concen: 4.010 ng/ul
RT: 10.463 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

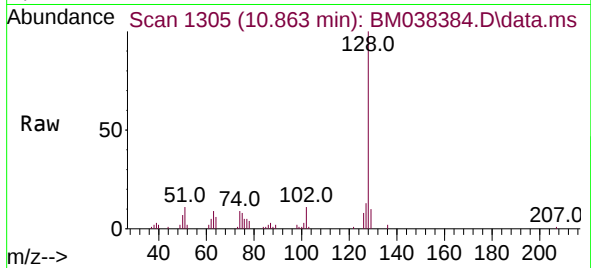
Tgt Ion:162 Resp: 15606
Ion Ratio Lower Upper
162 100
164 61.9 51.8 77.8
98 36.1 30.6 45.8





#30
Naphthalene
Concen: 4.005 ng/ul
RT: 10.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

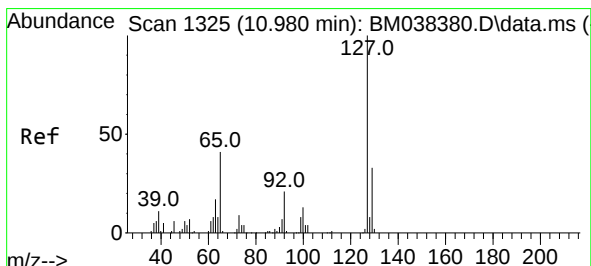
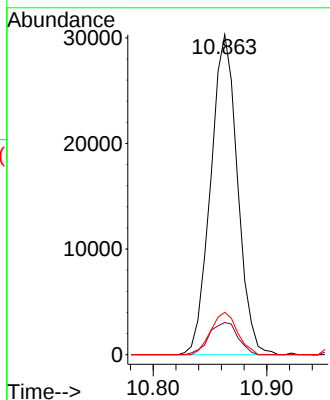
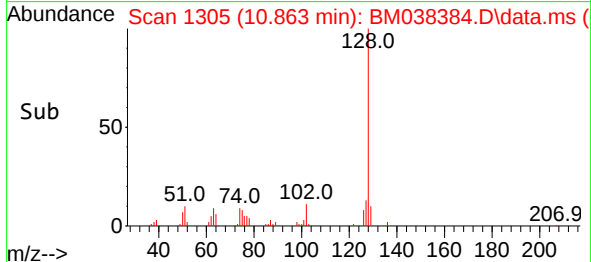
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:128 Resp: 49762
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 13.3 10.5 15.7

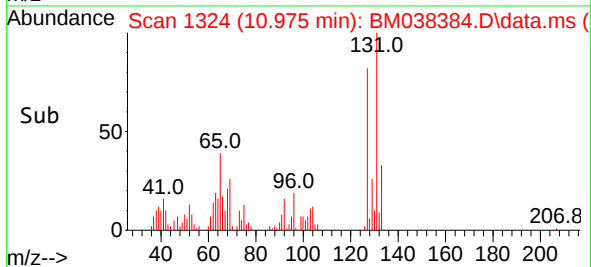
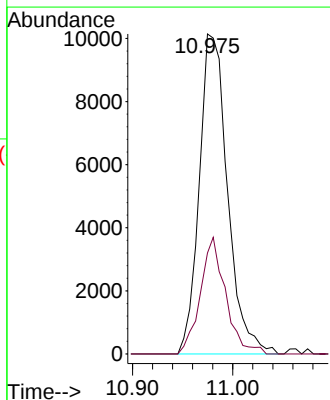
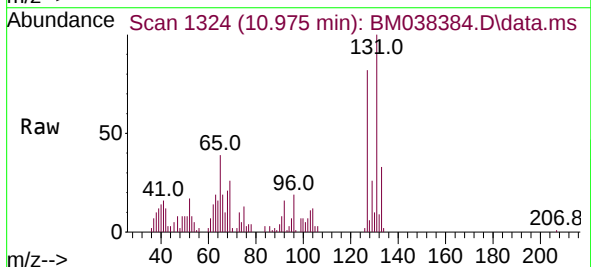
Manual Integrations
APPROVED

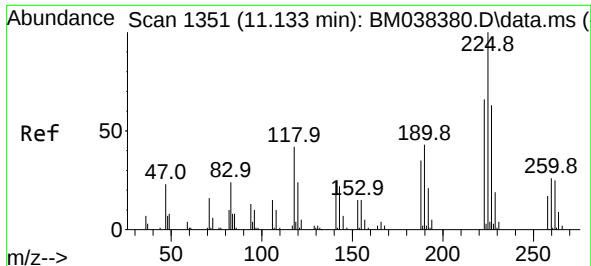
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#32
4-Chloroaniline
Concen: 3.541 ng/ul
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

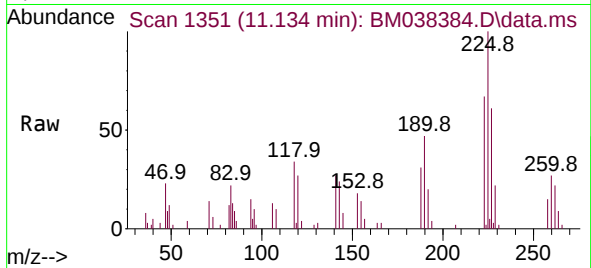
Tgt Ion:127 Resp: 19927
Ion Ratio Lower Upper
127 100
129 31.6 26.2 39.2





#33
Hexachlorobutadiene
Concen: 4.238 ng/ul
RT: 11.134 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

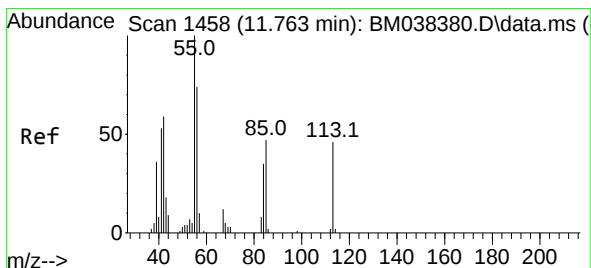
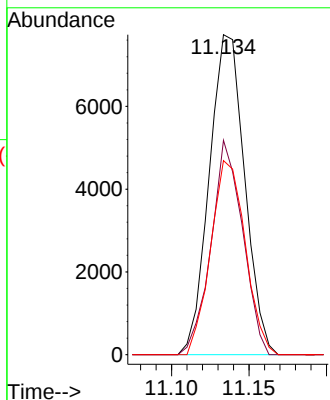
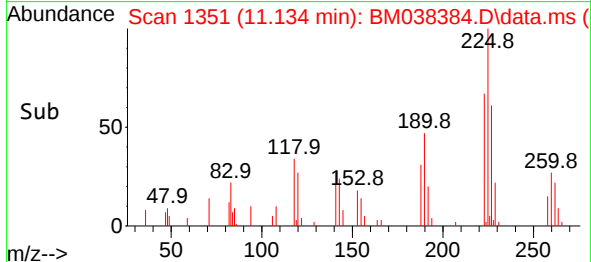
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:225 Resp: 12279
Ion Ratio Lower Upper
225 100
223 67.0 52.6 78.8
227 60.7 48.2 72.4

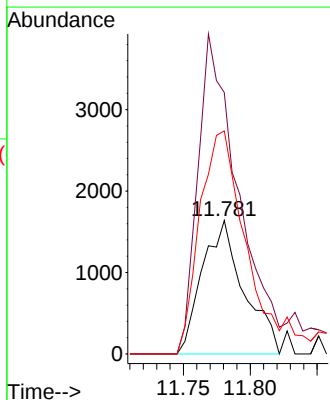
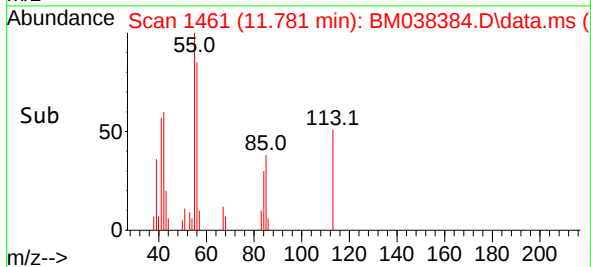
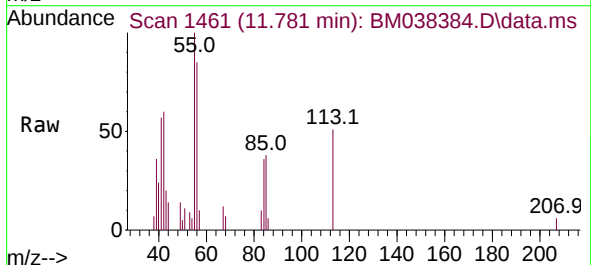
Manual Integrations
APPROVED

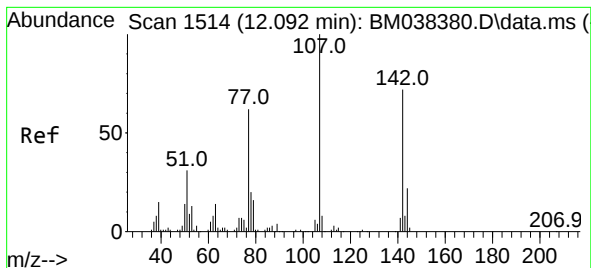
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#34
Caprolactam
Concen: 3.199 ng/ul m
RT: 11.781 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

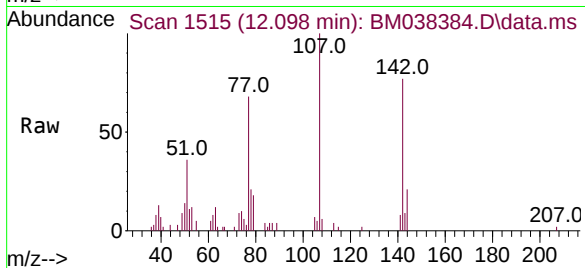
Tgt Ion:113 Resp: 3554
Ion Ratio Lower Upper
113 100
55 196.0 161.5 242.3
56 167.2 125.8 188.8





#35
4-Chloro-3-methylphenol
Concen: 3.426 ng/ul
RT: 12.098 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

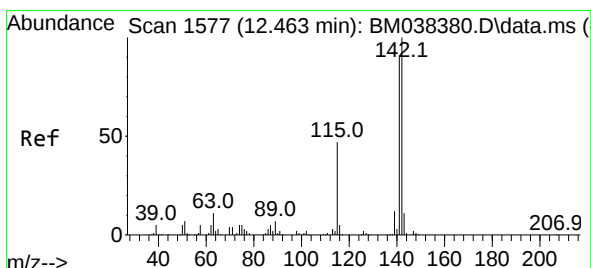
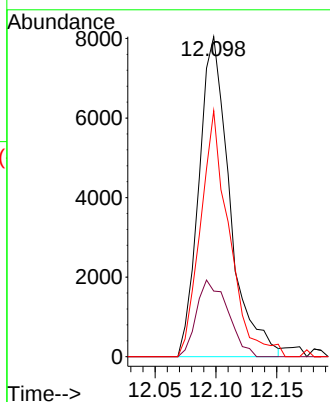
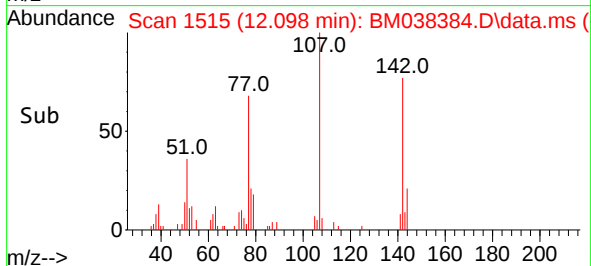
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



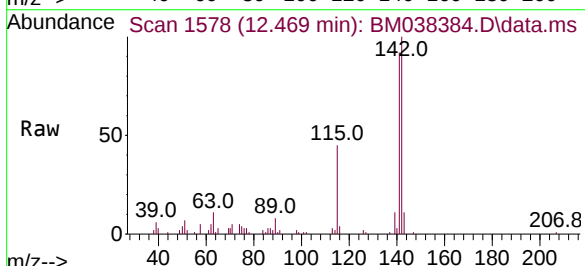
Tgt Ion:107 Resp: 1418
Ion Ratio Lower Upper
107 100
144 20.5 18.1 27.1
142 76.9 57.4 86.2

Manual Integrations
APPROVED

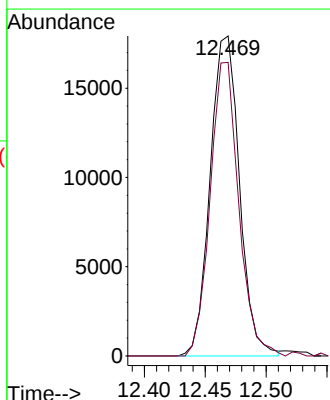
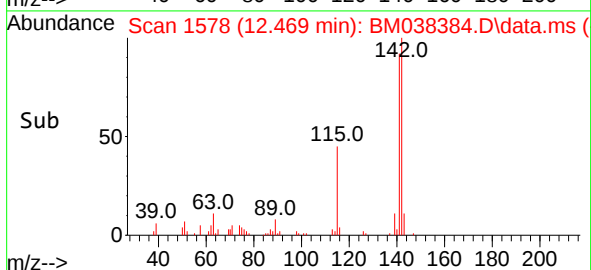
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

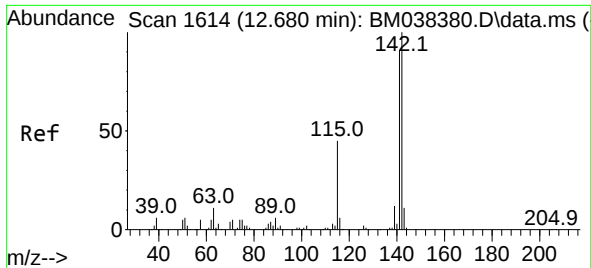


#36
2-Methylnaphthalene
Concen: 3.719 ng/ul
RT: 12.469 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



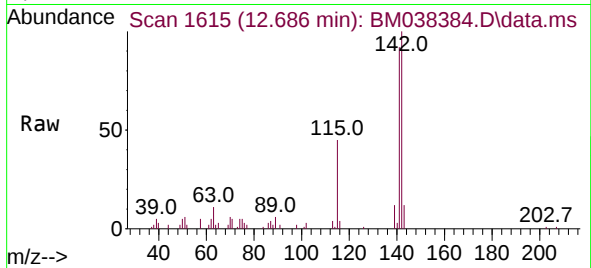
Tgt Ion:142 Resp: 30117
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8





#37
1-Methylnaphthalene
Concen: 3.238 ng/ul
RT: 12.686 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

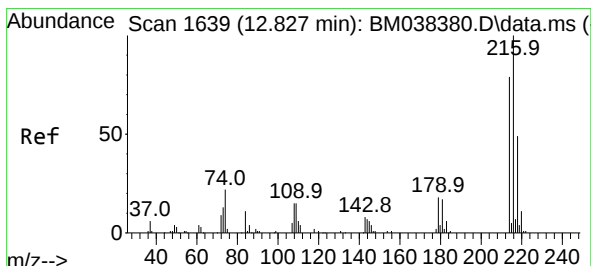
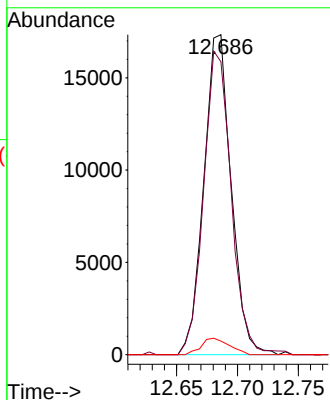
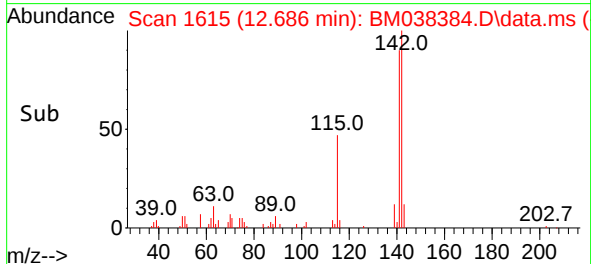
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:142 Resp: 27130
Ion Ratio Lower Upper
142 100
141 91.6 75.9 113.9
116 4.3 4.2 6.2

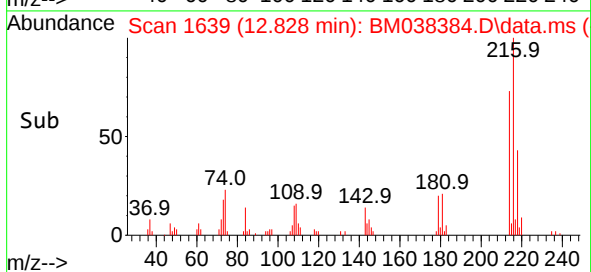
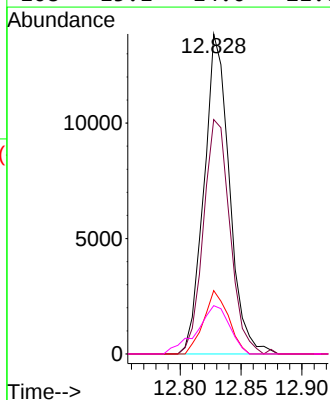
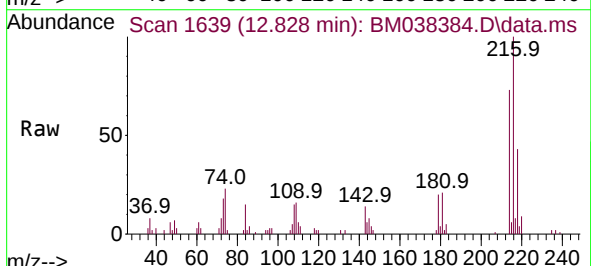
Manual Integrations
APPROVED

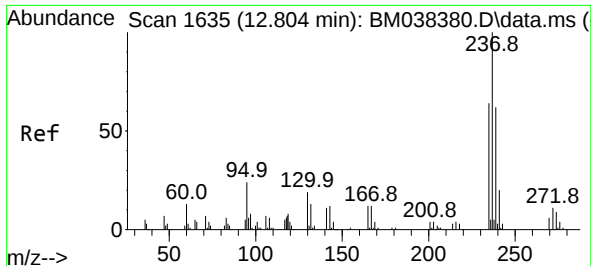
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.947 ng/ul
RT: 12.828 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

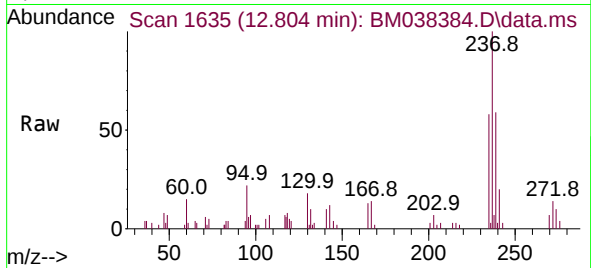
Tgt Ion:216 Resp: 20132
Ion Ratio Lower Upper
216 100
214 73.2 62.0 93.0
179 19.8 15.6 23.4
108 15.1 14.0 21.0





#40
Hexachlorocyclopentadiene
Concen: 4.117 ng/ul
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

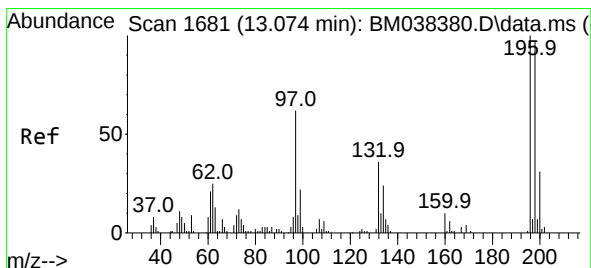
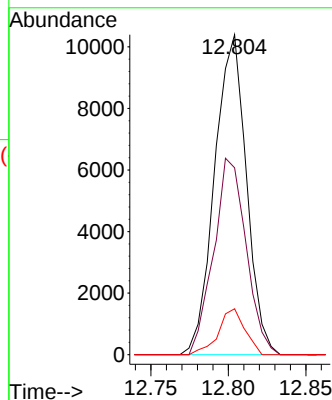
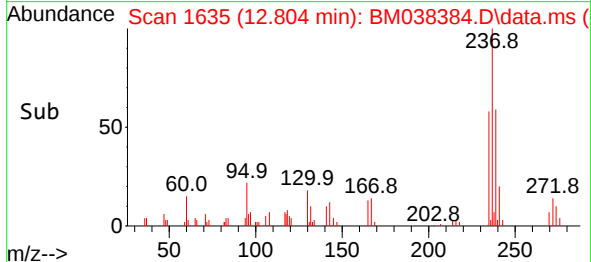
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



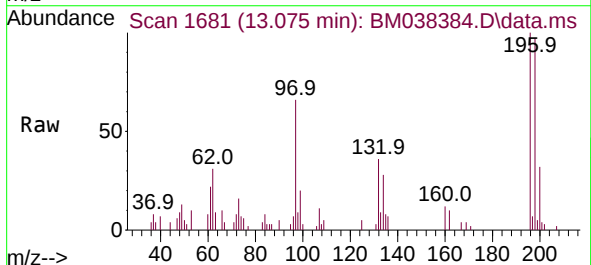
Tgt Ion:237 Resp: 1483
Ion Ratio Lower Upper
237 100
235 58.4 51.0 76.4
272 14.3 10.2 15.4

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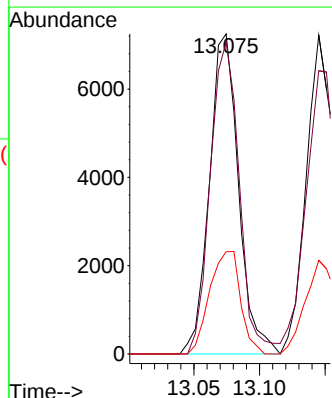
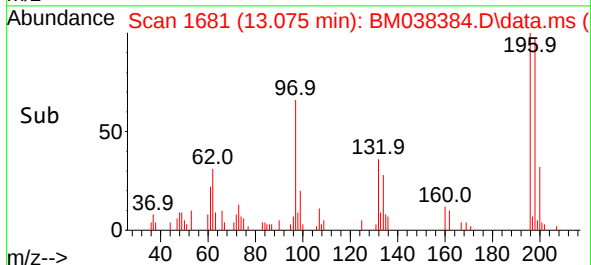
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

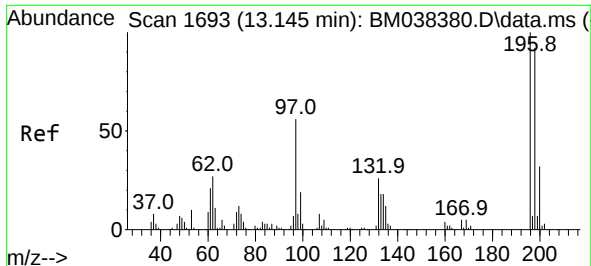


#41
2,4,6-Trichlorophenol
Concen: 3.538 ng/ul
RT: 13.075 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



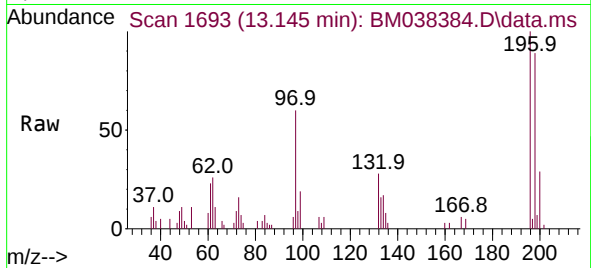
Tgt Ion:196 Resp: 11200
Ion Ratio Lower Upper
196 100
198 97.5 77.7 116.5
200 32.0 25.0 37.4





#42
2,4,5-Trichlorophenol
Concen: 3.656 ng/ul m
RT: 13.145 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

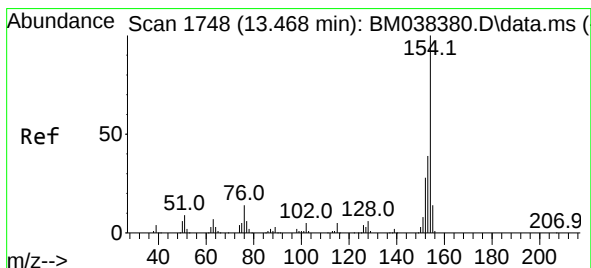
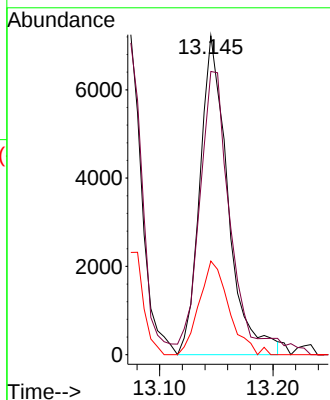
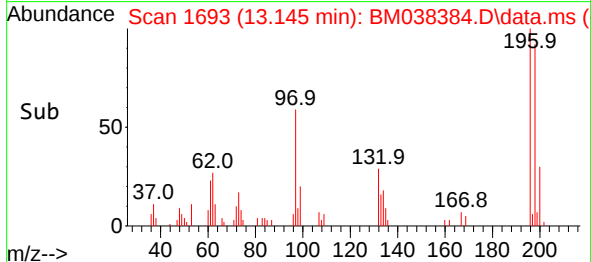
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



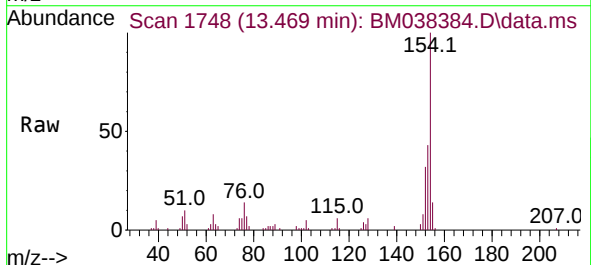
Tgt Ion:196 Resp: 1240
Ion Ratio Lower Upper
196 100
198 88.8 76.6 115.0
200 29.4 25.4 38.2

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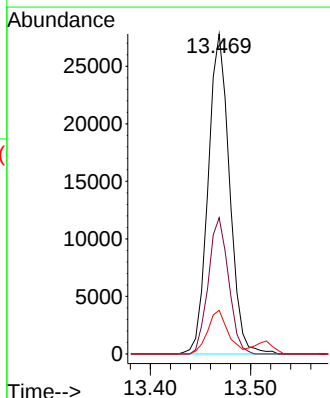
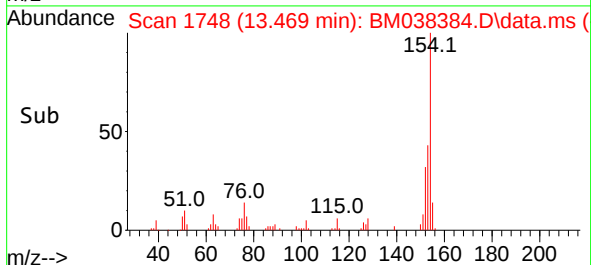
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

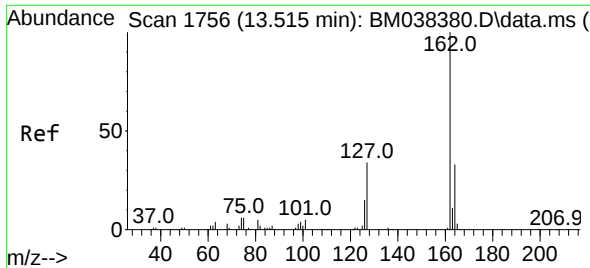


#43
1,1'-Biphenyl
Concen: 3.787 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



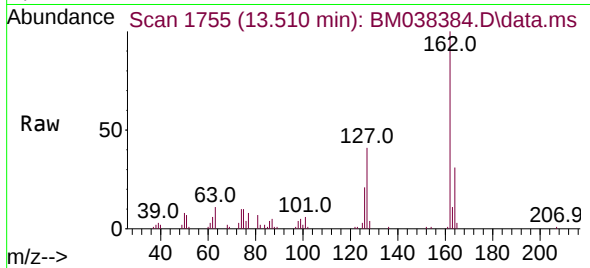
Tgt Ion:154 Resp: 41297
Ion Ratio Lower Upper
154 100
153 42.6 32.6 49.0
76 13.7 11.6 17.4





#44
2-Chloronaphthalene
Concen: 3.808 ng/ul
RT: 13.510 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

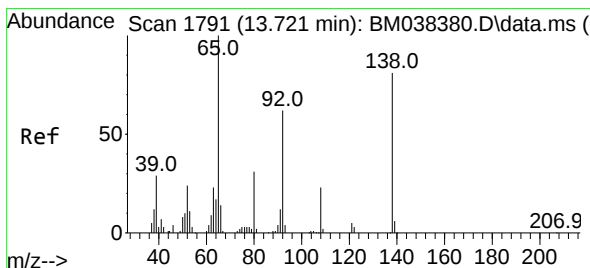
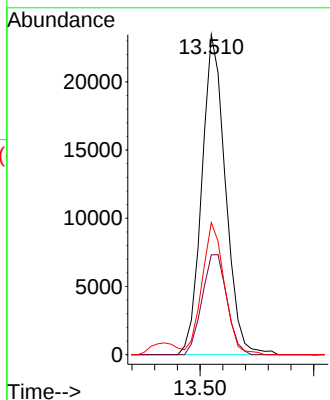
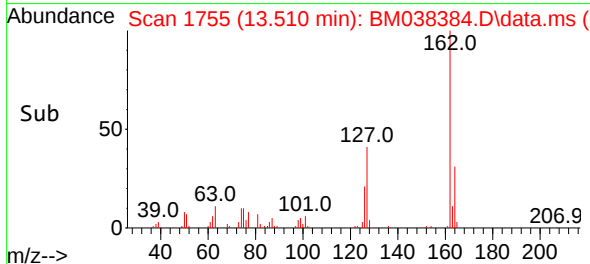
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



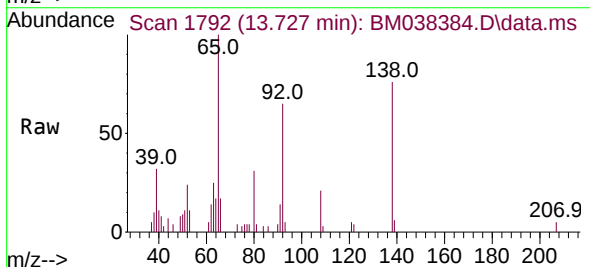
Tgt Ion:162 Resp: 3390
Ion Ratio Lower Upper
162 100
164 31.2 26.6 39.8
127 41.2 29.7 44.5

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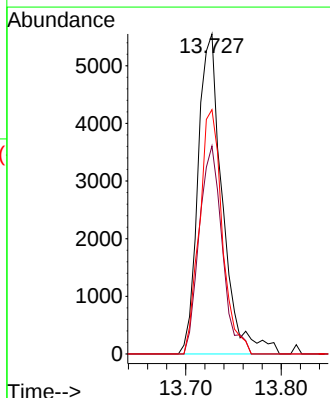
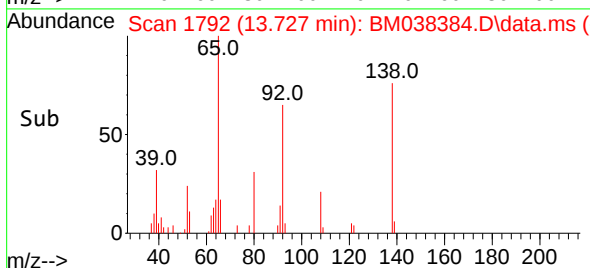
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

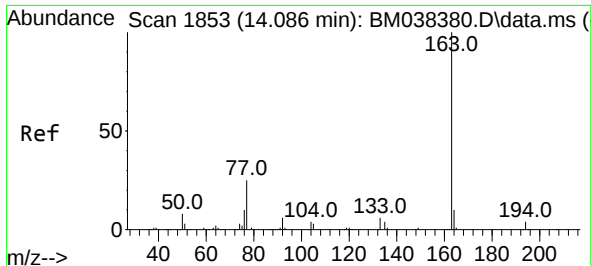


#45
2-Nitroaniline
Concen: 3.307 ng/ul m
RT: 13.727 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



Tgt Ion: 65 Resp: 9849
Ion Ratio Lower Upper
65 100
92 65.0 47.6 71.4
138 76.4 64.6 96.8





#47

Dimethylphthalate

Concen: 3.921 ng/ul

RT: 14.086 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_M

ClientSampleId :

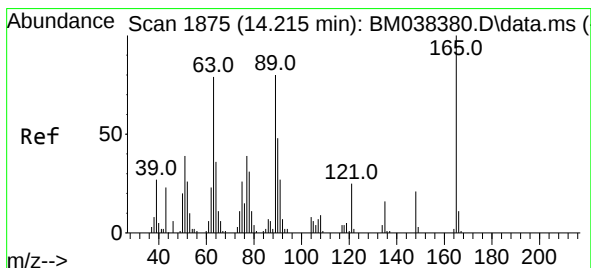
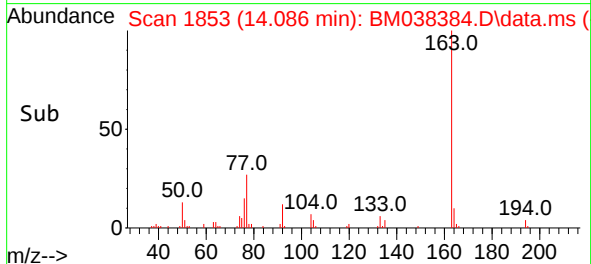
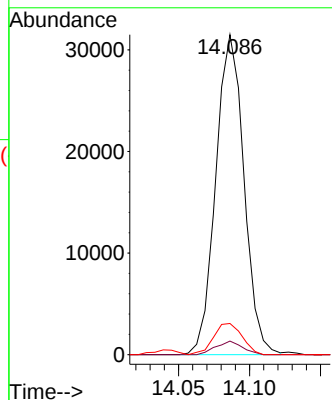
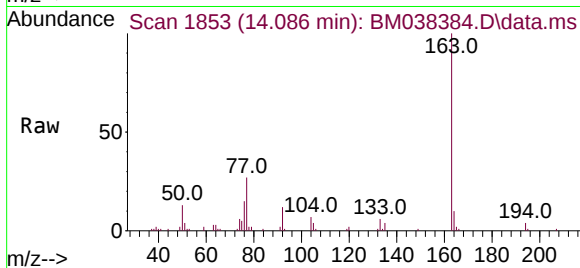
MDL-SOIL-QT4-2022-08

Tgt Ion:163	Resp:	4346
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.0 4.6
164	9.8	8.2 12.2

Manual Integrations

APPROVED

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



#48

2,6-Dinitrotoluene

Concen: 3.506 ng/ul

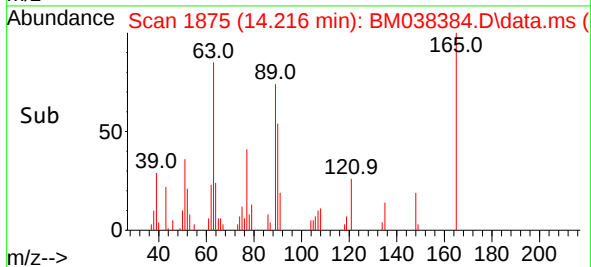
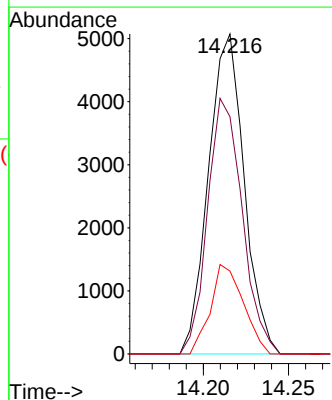
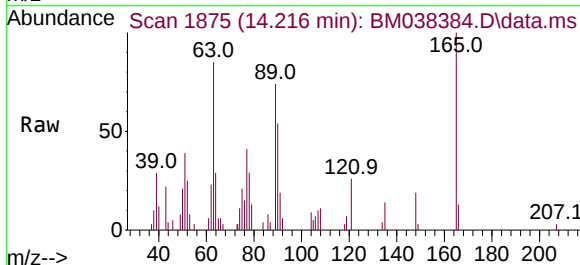
RT: 14.216 min Scan# 1875

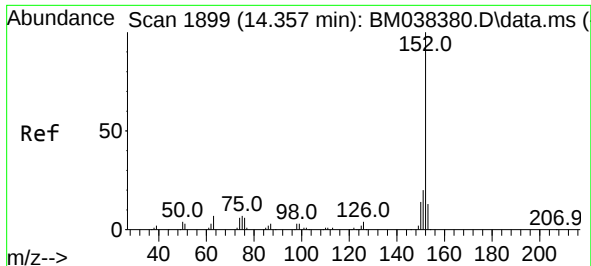
Delta R.T. 0.000 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

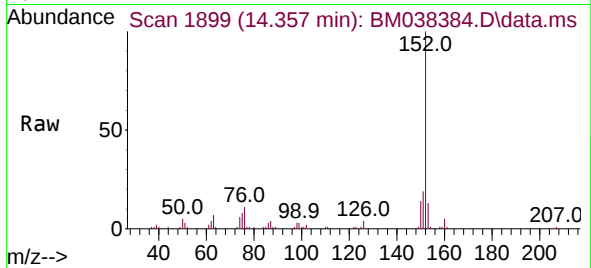
Tgt Ion:165	Resp:	7400
Ion Ratio	Lower	Upper
165	100	
89	74.2	66.2 99.2
121	25.9	18.9 28.3





#50
Acenaphthylene
Concen: 3.783 ng/ul
RT: 14.357 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

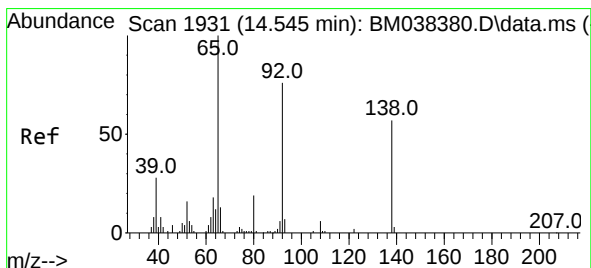
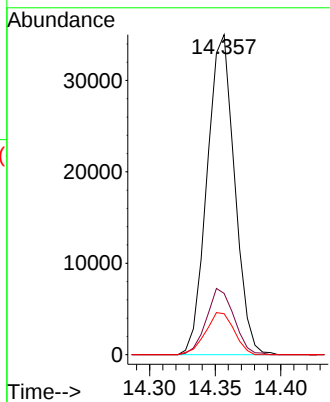
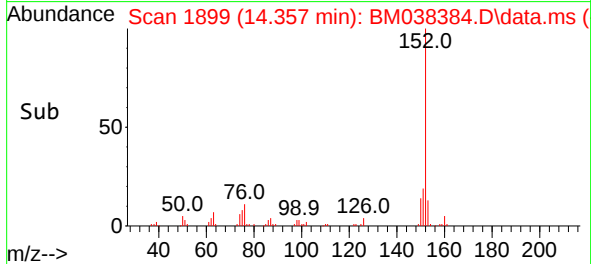
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:152 Resp: 51090
Ion Ratio Lower Upper
152 100
151 19.2 16.0 24.0
153 12.8 10.2 15.4

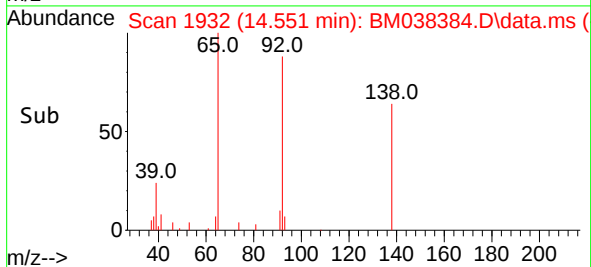
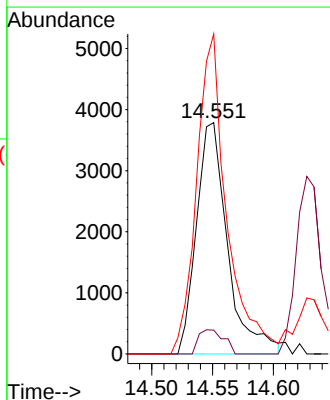
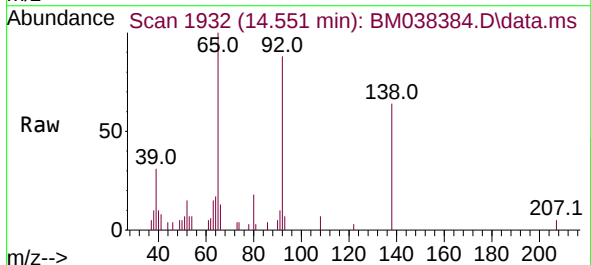
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APPROVED

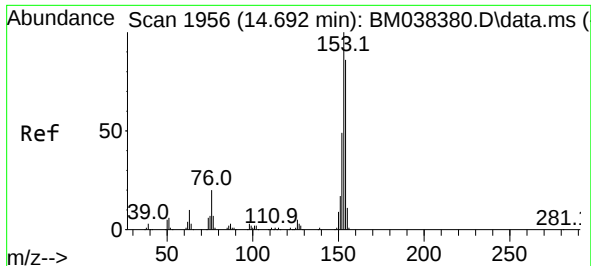
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#51
3-Nitroaniline
Concen: 3.474 ng/ul
RT: 14.551 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

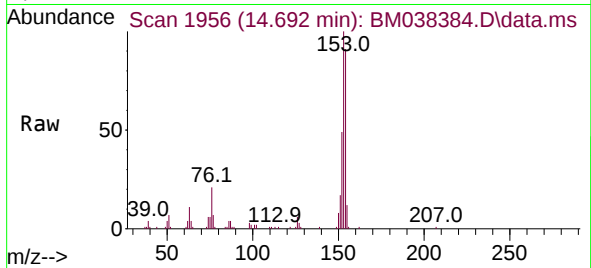
Tgt Ion:138 Resp: 6753
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 138.3 111.4 167.2





#52
Acenaphthene
Concen: 3.835 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

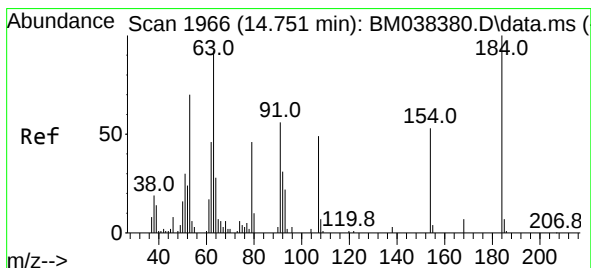
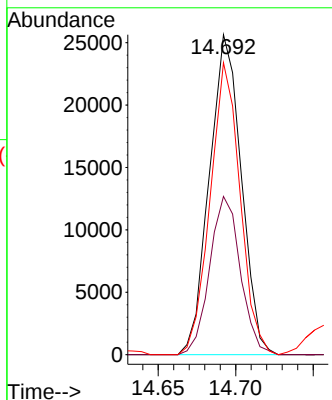
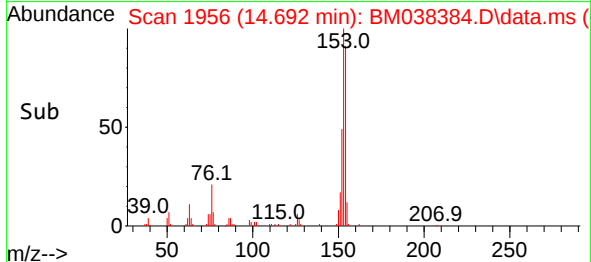
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



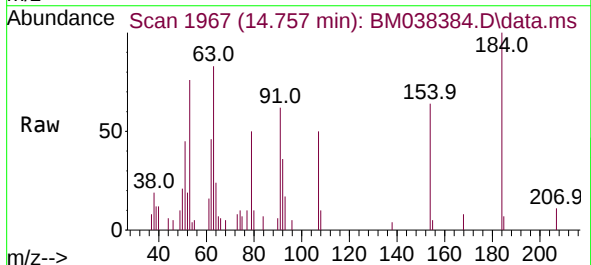
Tgt Ion:153 Resp: 36658
Ion Ratio Lower Upper
153 100
152 49.4 40.1 60.1
154 91.3 69.0 103.6

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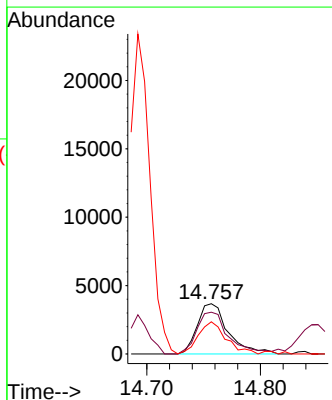
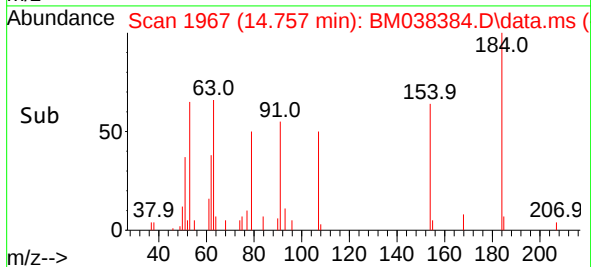
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

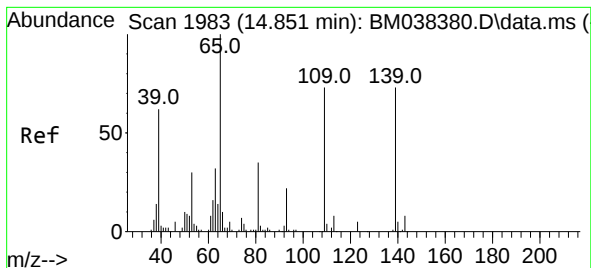


#53
2,4-Dinitrophenol
Concen: 4.395 ng/ul
RT: 14.757 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



Tgt Ion:184 Resp: 6936
Ion Ratio Lower Upper
184 100
63 83.2 69.1 103.7
154 64.1 54.5 81.7





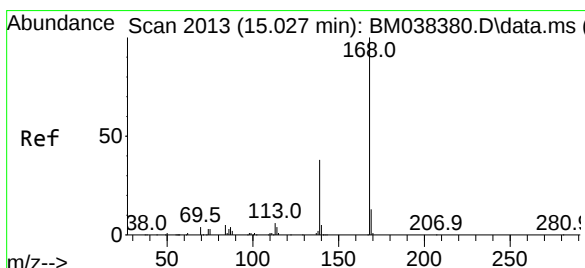
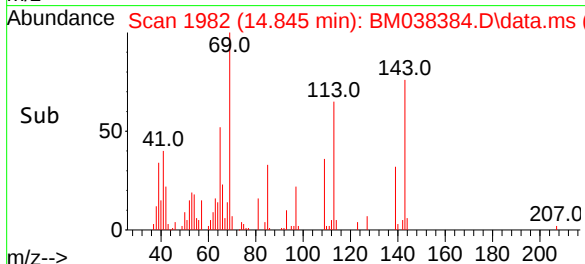
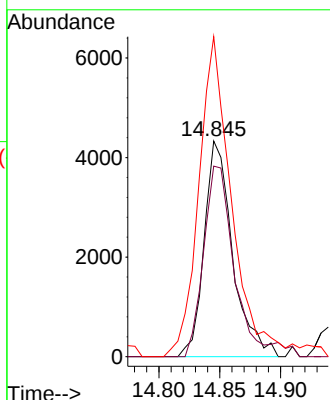
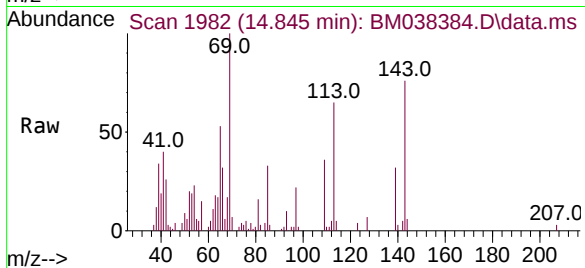
#55
4-Nitrophenol
Concen: 3.422 ng/ul
RT: 14.845 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

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

Tgt Ion:109 Resp: 7045
Ion Ratio Lower Upper
109 100
139 88.3 79.1 118.7
65 148.4 108.6 162.8

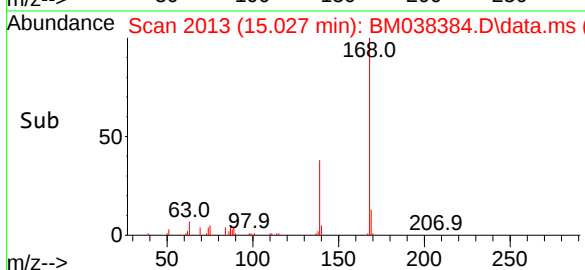
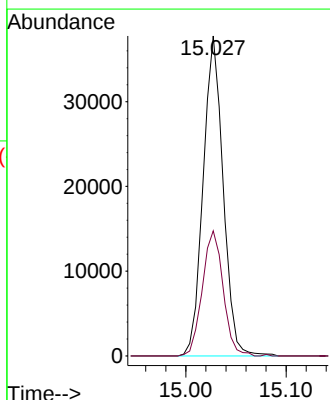
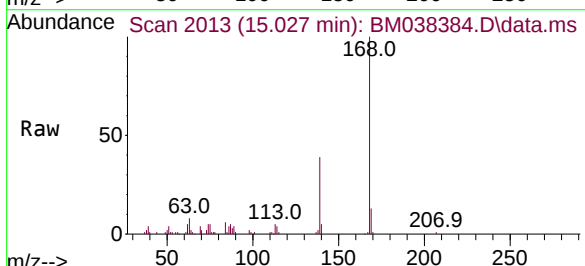
Manual Integrations
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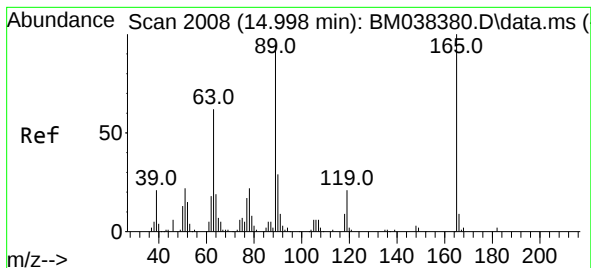
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#56
Dibenzofuran
Concen: 3.863 ng/ul
RT: 15.027 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

Tgt Ion:168 Resp: 52467
Ion Ratio Lower Upper
168 100
139 39.1 30.5 45.7





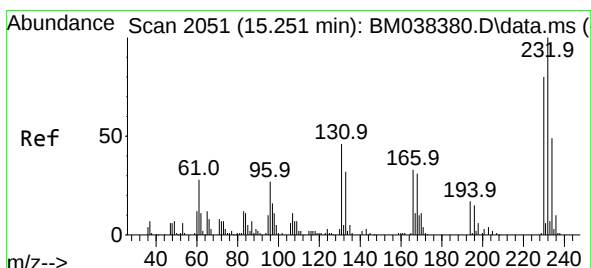
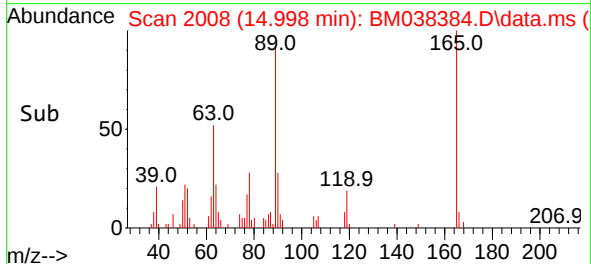
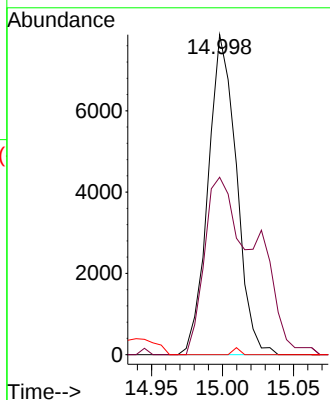
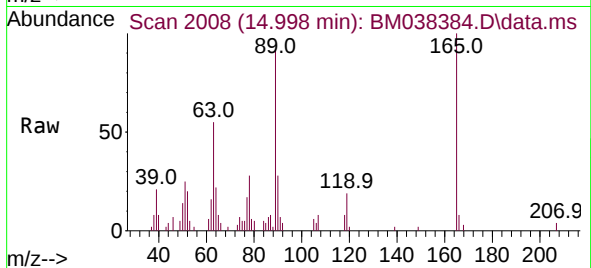
#57
2,4-Dinitrotoluene
Concen: 3.541 ng/ul
RT: 14.998 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

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

Tgt Ion:165 Resp: 1093
Ion Ratio Lower Upper
165 100
63 55.4 46.9 70.3
182 0.0 1.3 1.9

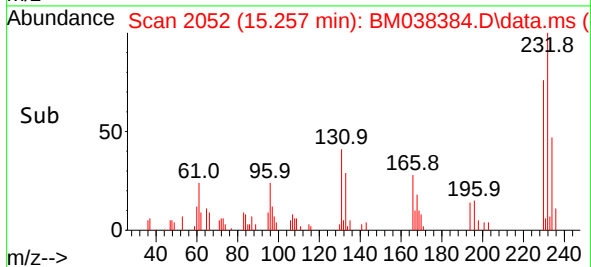
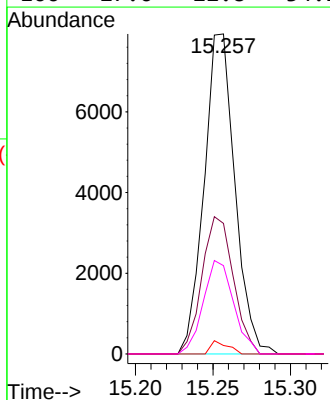
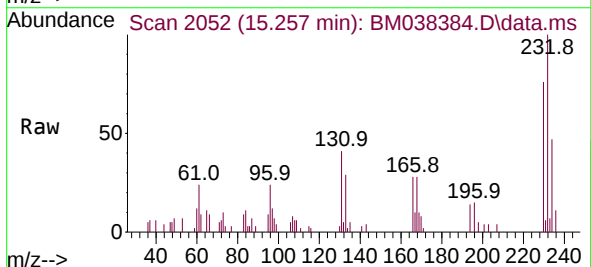
Manual Integrations
APPROVED

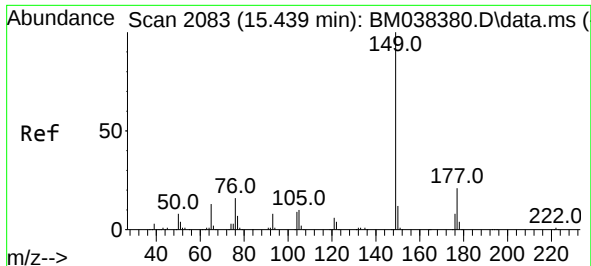
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.623 ng/ul
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

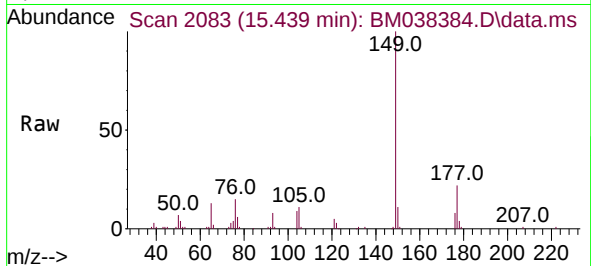
Tgt Ion:232 Resp: 10978
Ion Ratio Lower Upper
232 100
131 40.8 34.4 51.6
130 2.6 2.2 3.4
166 27.6 22.8 34.2





#59
Diethylphthalate
Concen: 3.734 ng/ul
RT: 15.439 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

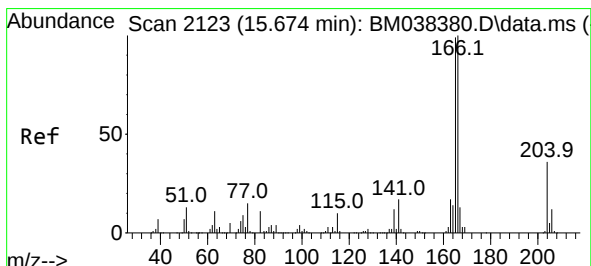
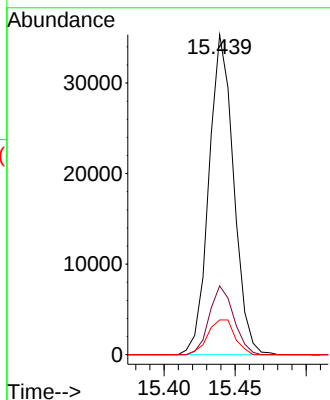
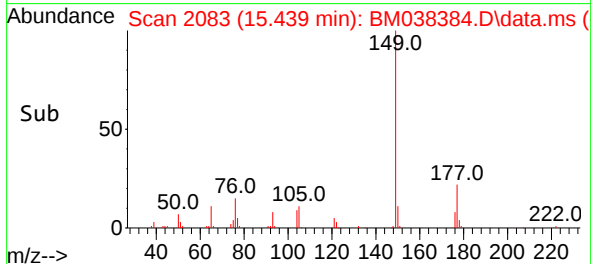
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



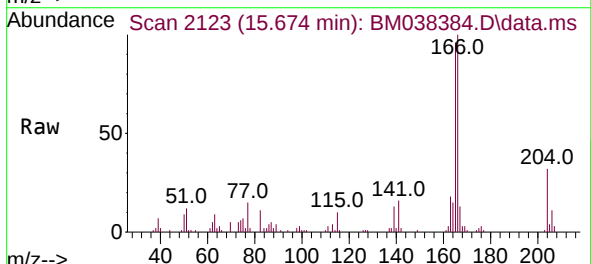
Tgt Ion:149 Resp: 42909
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.4
150 10.9 9.8 14.8

Manual Integrations
APPROVED

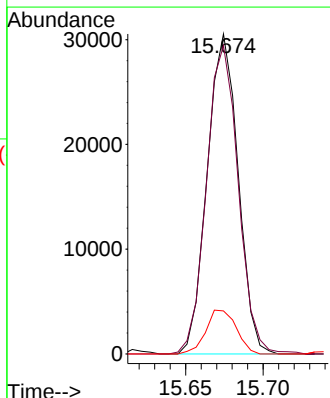
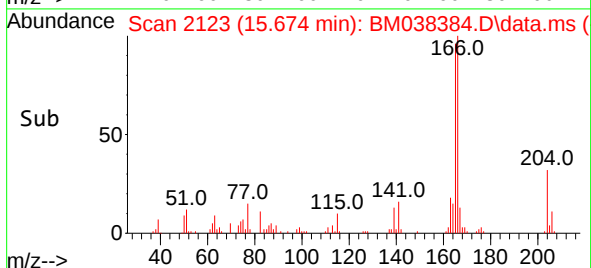
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

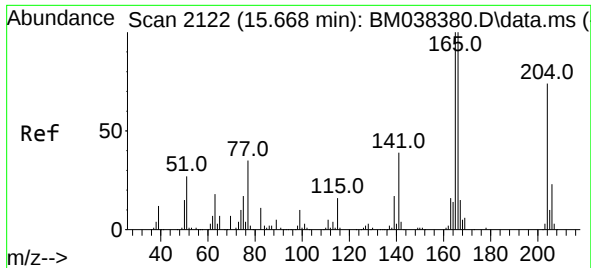


#61
Fluorene
Concen: 3.631 ng/ul
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



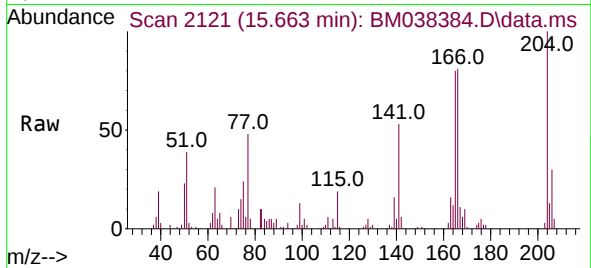
Tgt Ion:166 Resp: 42344
Ion Ratio Lower Upper
166 100
165 96.4 78.7 118.1
167 13.5 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 3.871 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

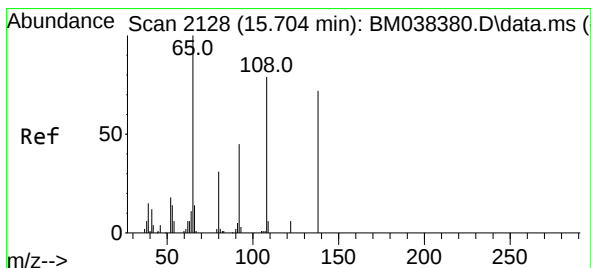
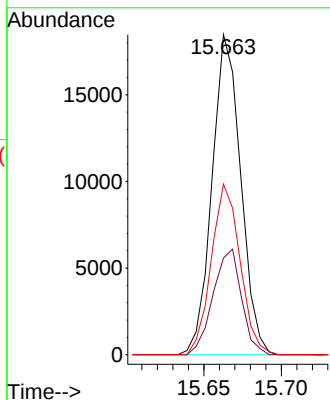
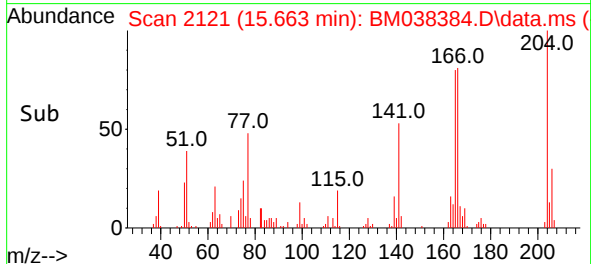
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:204 Resp: 23760
Ion Ratio Lower Upper
204 100
206 30.2 26.8 40.2
141 53.3 42.9 64.3

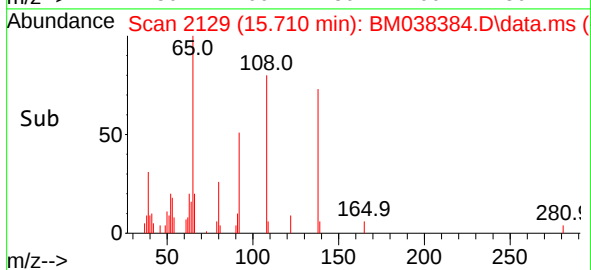
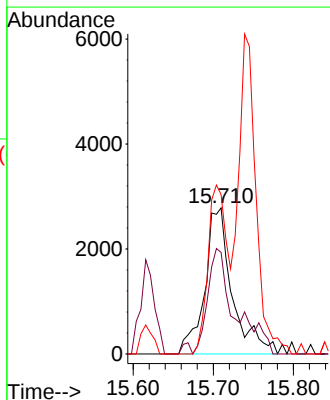
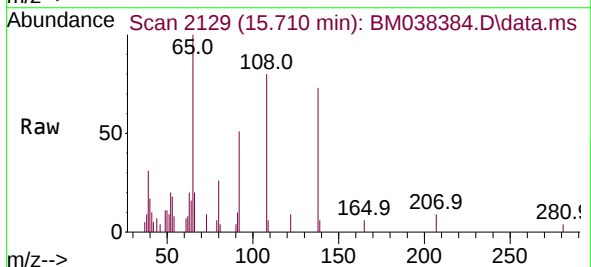
Manual Integrations
APPROVED

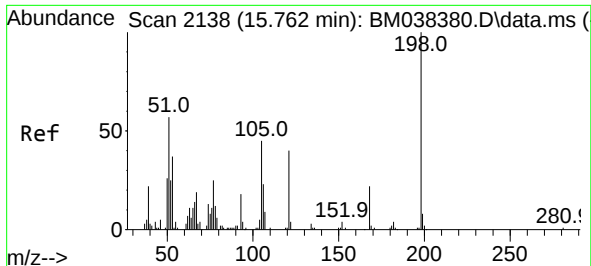
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#63
4-Nitroaniline
Concen: 3.566 ng/ul m
RT: 15.710 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

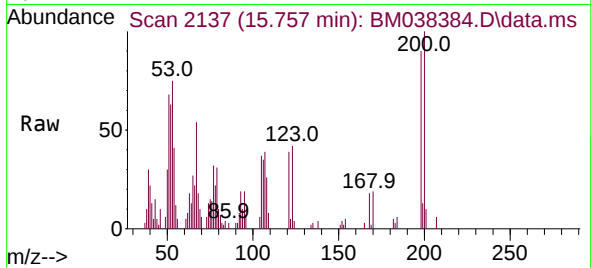
Tgt Ion:138 Resp: 6632
Ion Ratio Lower Upper
138 100
92 69.5 50.2 75.2
108 109.1 89.3 133.9





#66
4,6-Dinitro-2-methylphenol
Concen: 4.213 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

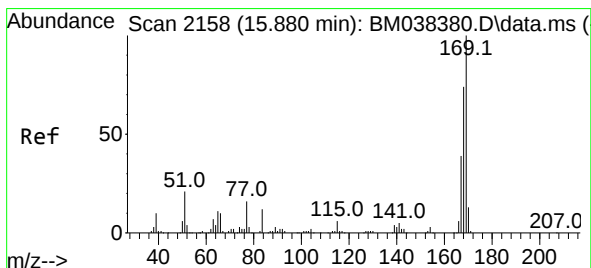
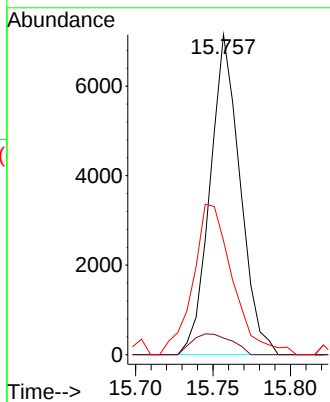
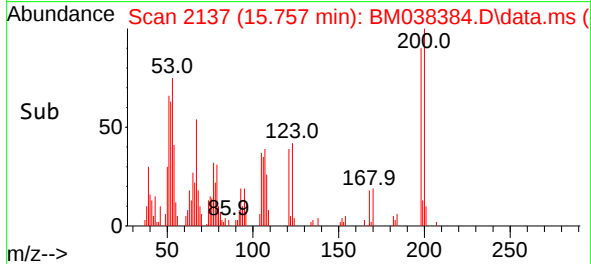
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



Tgt Ion:198 Resp: 966
Ion Ratio Lower Upper
198 100
182 5.2 3.0 4.6
77 35.6 24.8 37.2

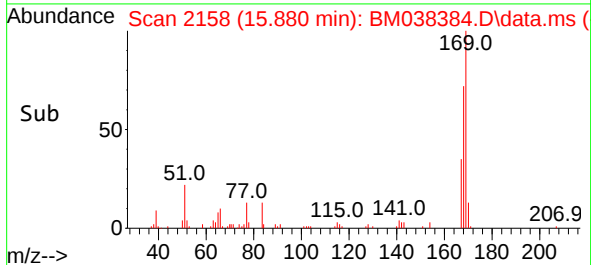
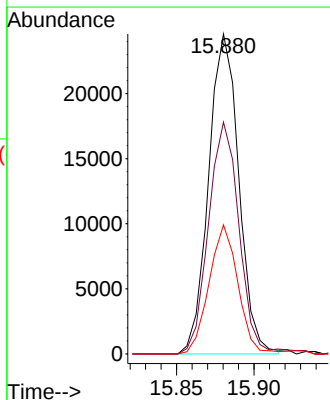
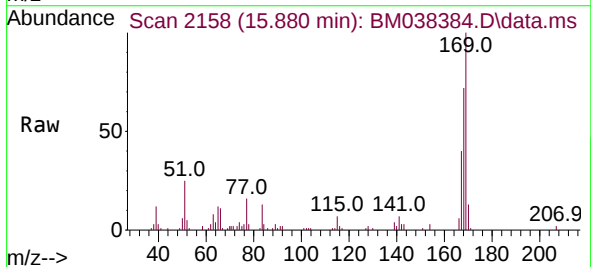
Manual Integrations
APPROVED

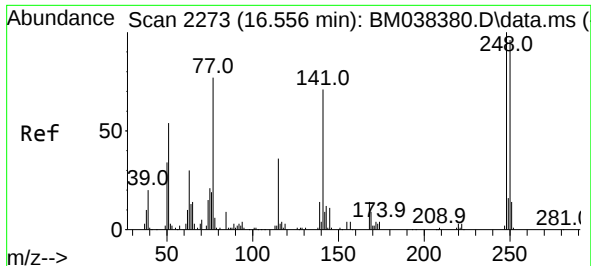
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#67
N-Nitrosodiphenylamine
Concen: 3.536 ng/ul
RT: 15.880 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

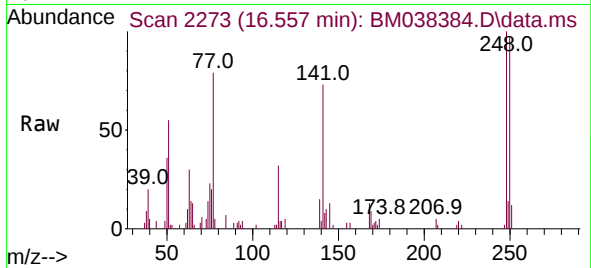
Tgt Ion:169 Resp: 33296
Ion Ratio Lower Upper
169 100
168 72.5 56.4 84.6
167 40.4 30.5 45.7





#68
4-Bromophenyl-phenylether
Concen: 3.660 ng/ul
RT: 16.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

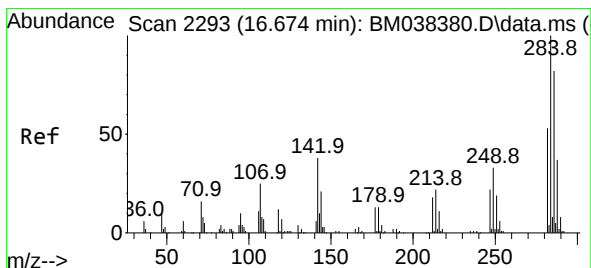
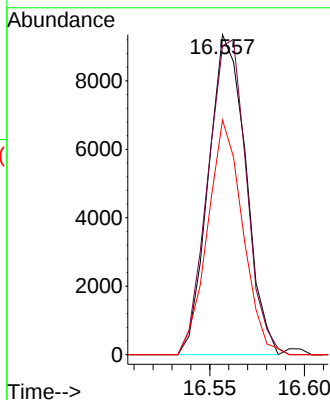
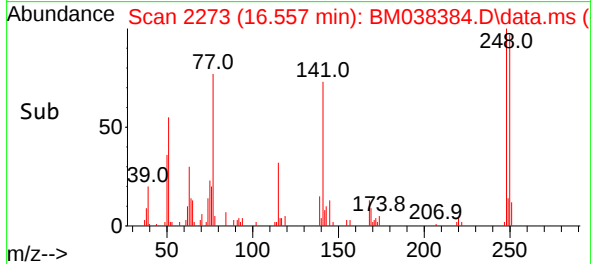
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



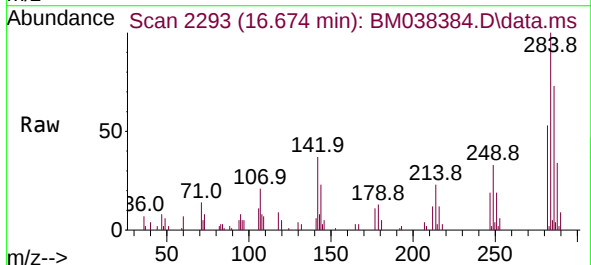
Tgt Ion:248 Resp: 1280
Ion Ratio Lower Upper
248 100
250 96.5 76.7 115.1
141 73.4 50.3 75.5

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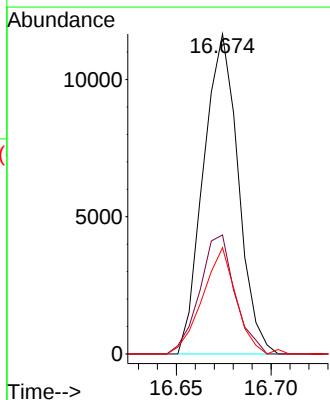
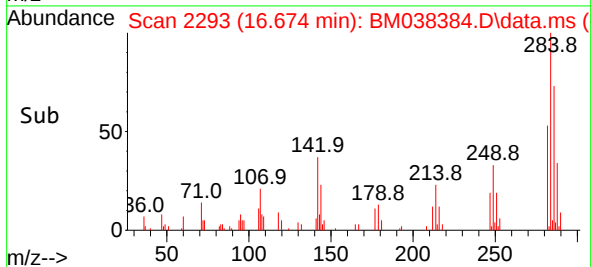
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

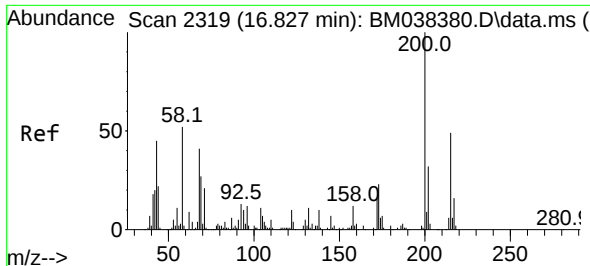


#69
Hexachlorobenzene
Concen: 3.689 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



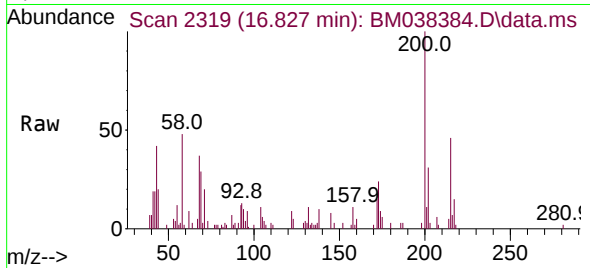
Tgt Ion:284 Resp: 14884
Ion Ratio Lower Upper
284 100
142 37.2 30.1 45.1
249 33.2 25.0 37.4





#70
Atrazine
Concen: 3.675 ng/ul
RT: 16.827 min Scan# 2319
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

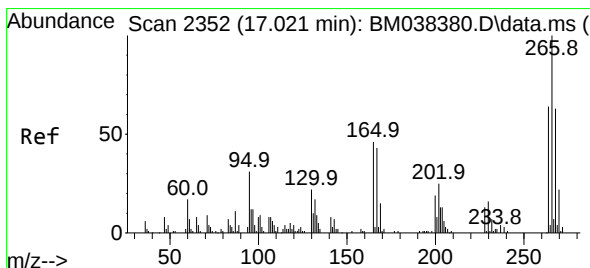
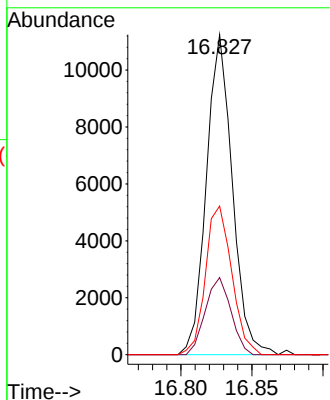
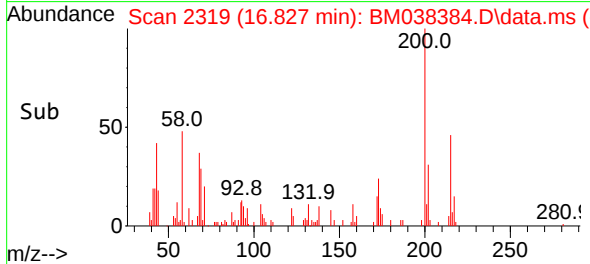
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



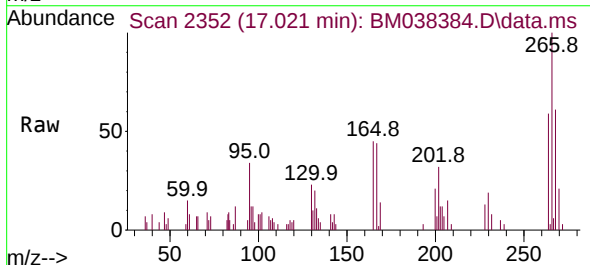
Tgt Ion:200 Resp: 1430
Ion Ratio Lower Upper
200 100
173 24.1 18.6 27.8
215 46.4 41.1 61.7

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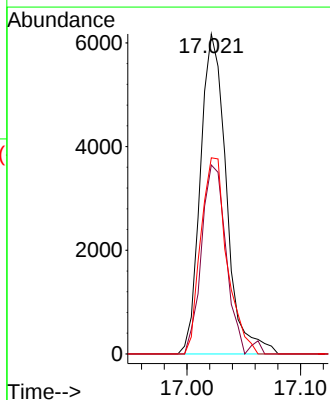
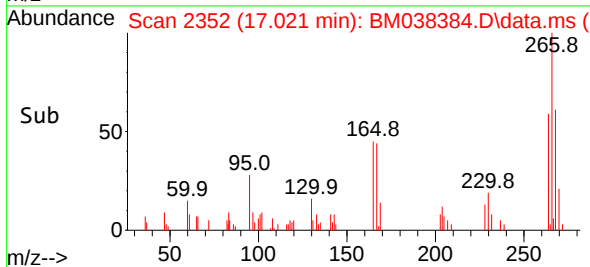
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

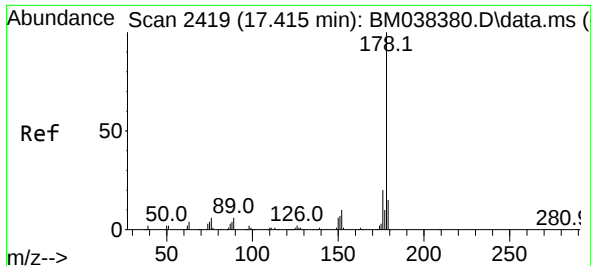


#71
Pentachlorophenol
Concen: 3.679 ng/ul
RT: 17.021 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



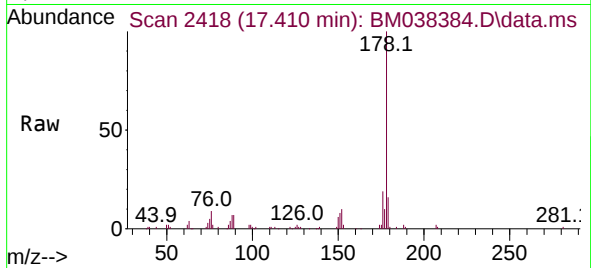
Tgt Ion:266 Resp: 9796
Ion Ratio Lower Upper
266 100
264 59.0 51.6 77.4
268 61.3 50.9 76.3





#72
Phenanthrene
Concen: 3.709 ng/ul
RT: 17.410 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

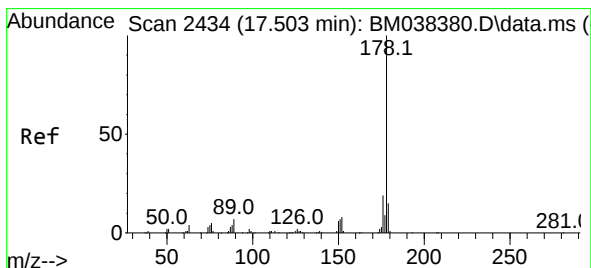
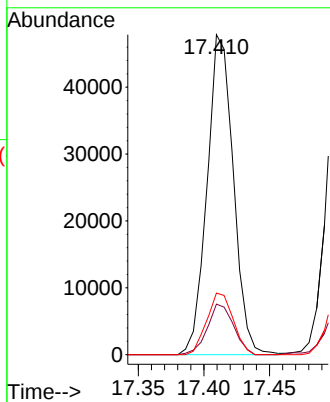
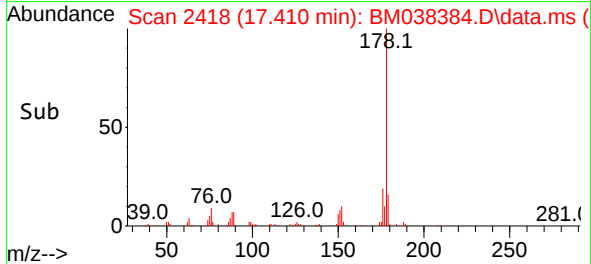
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



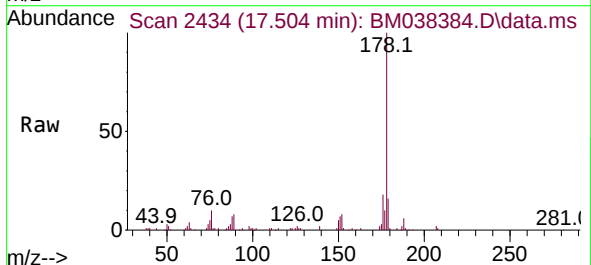
Tgt Ion:178 Resp: 66828
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.2 15.4 23.2

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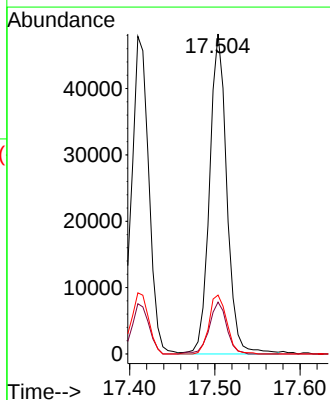
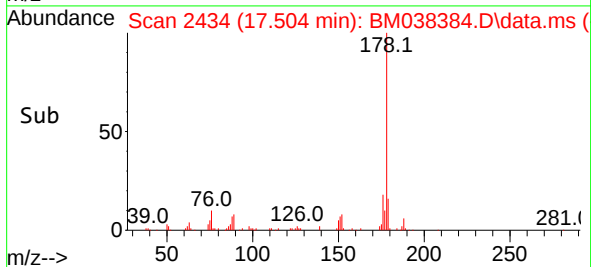
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

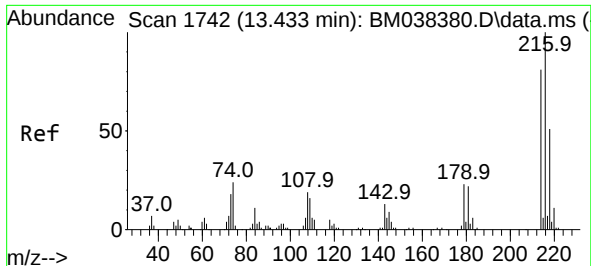


#74
Anthracene
Concen: 3.681 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



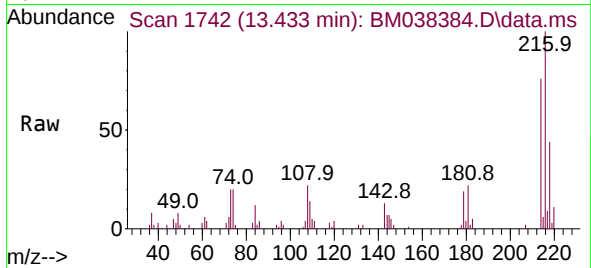
Tgt Ion:178 Resp: 68200
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 18.4 15.5 23.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.577 ng/uL
RT: 13.433 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

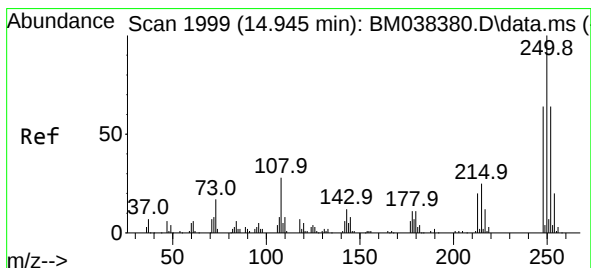
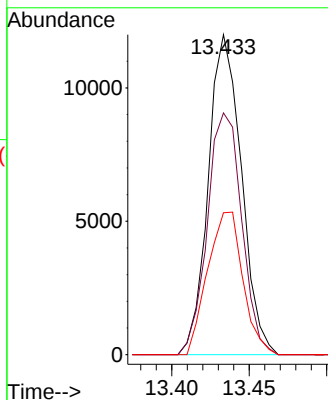
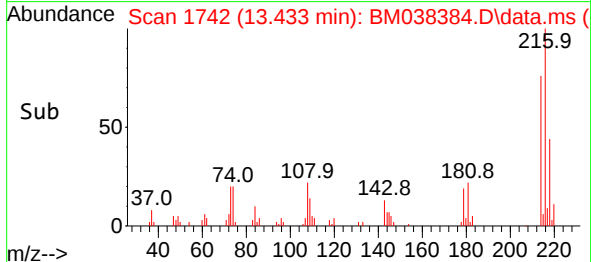
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-08



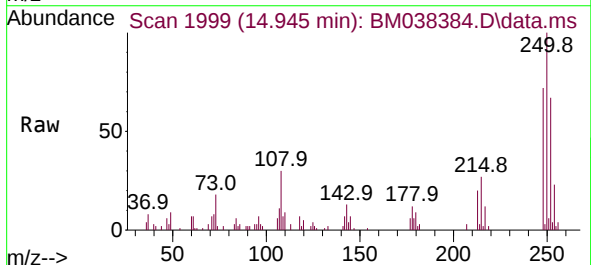
Tgt Ion:216 Resp: 1782
Ion Ratio Lower Upper
216 100
214 75.5 60.2 90.4
218 44.3 38.2 57.4

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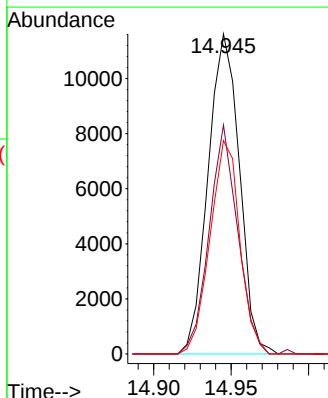
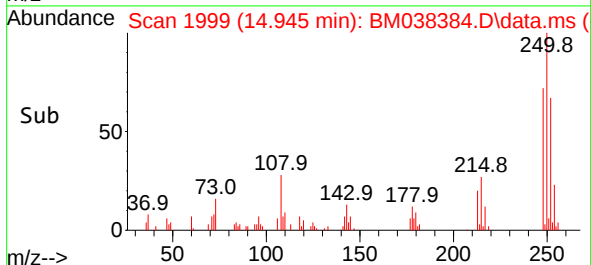
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

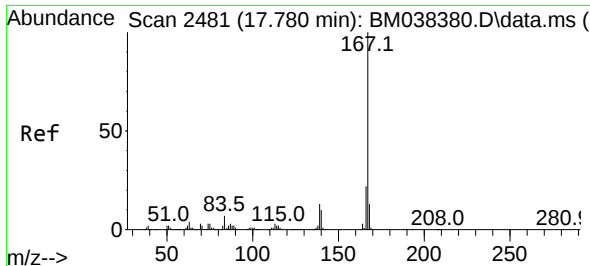


#76
Pentachlorobenzene
Concen: 3.407 ng/uL
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



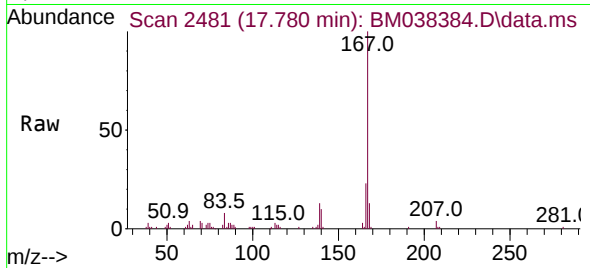
Tgt Ion:250 Resp: 16361
Ion Ratio Lower Upper
250 100
248 71.6 50.3 75.5
252 66.7 53.2 79.8





#77
 Carbazole
 Concen: 3.222 ng/ul
 RT: 17.780 min Scan# 2481
 Delta R.T. 0.000 min
 Lab File: BM038384.D
 Acq: 06 Jan 2023 12:00

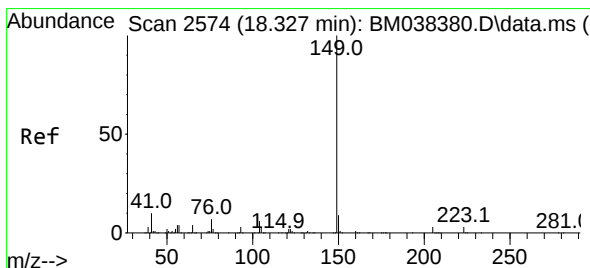
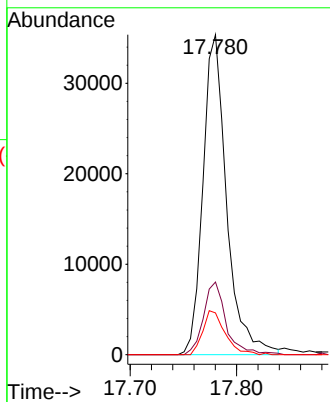
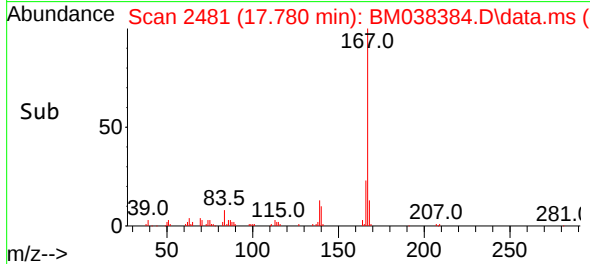
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2022-08



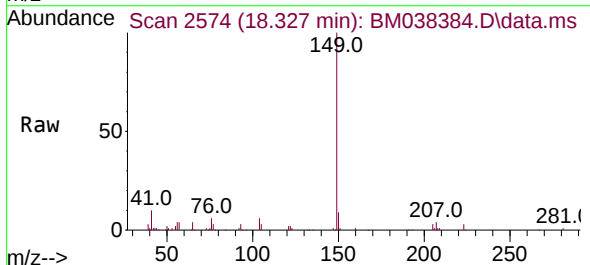
Tgt Ion:167 Resp: 54740
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.8
 139 13.1 10.2 15.2

Manual Integrations
 APPROVED

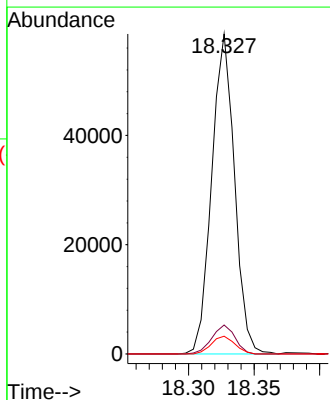
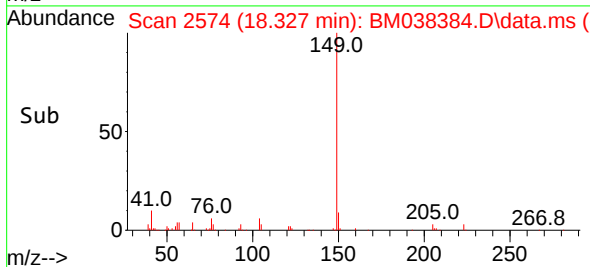
Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

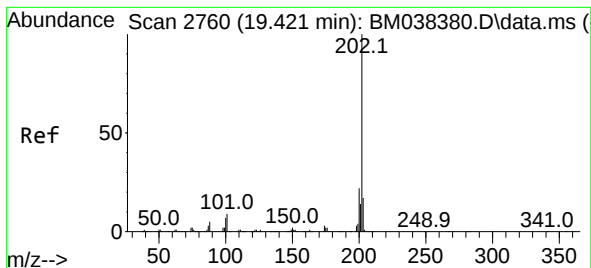


#78
 Di-n-butylphthalate
 Concen: 3.487 ng/ul
 RT: 18.327 min Scan# 2574
 Delta R.T. 0.000 min
 Lab File: BM038384.D
 Acq: 06 Jan 2023 12:00



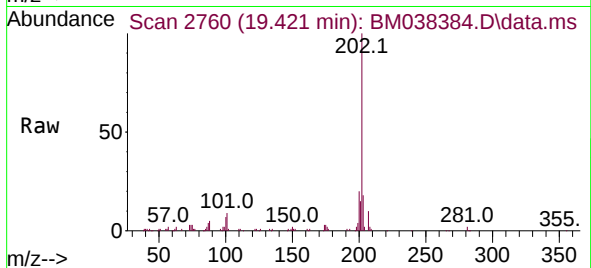
Tgt Ion:149 Resp: 70767
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.5 4.8 7.2





#80
Fluoranthene
Concen: 3.571 ng/ul
RT: 19.421 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

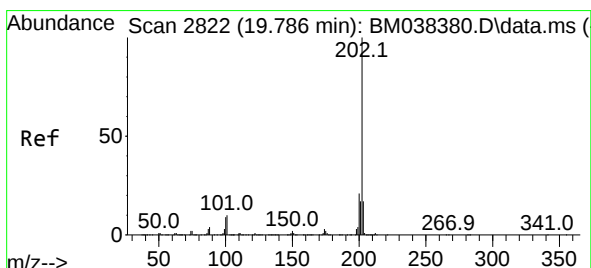
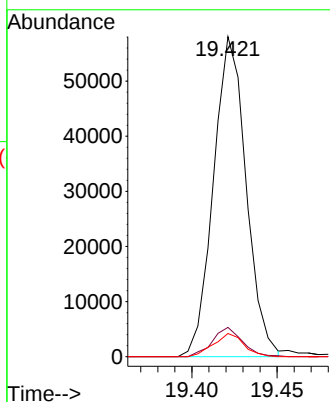
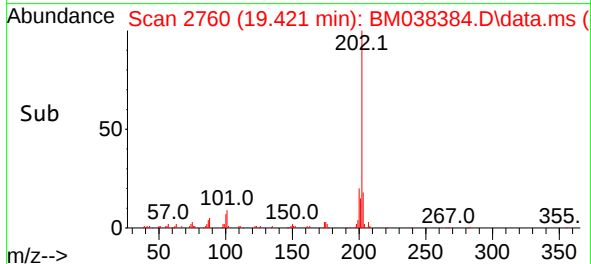
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2022-08



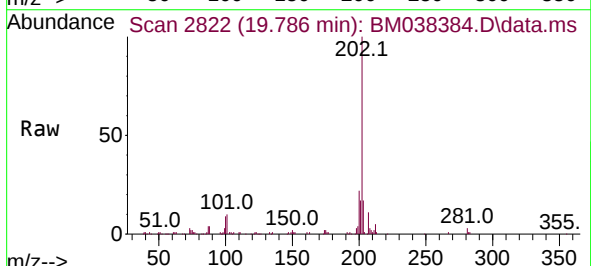
Tgt Ion:202 Resp: 77340
Ion Ratio Lower Upper
202 100
101 9.1 7.0 10.6
100 7.2 5.8 8.8

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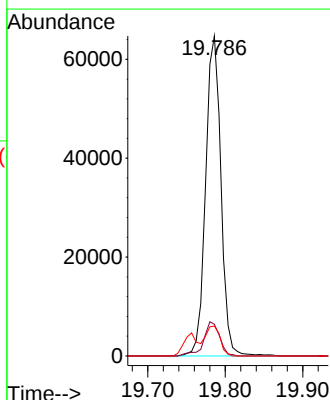
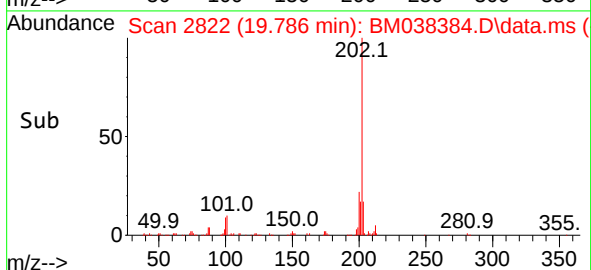
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

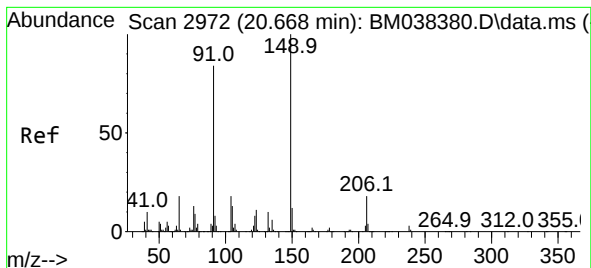


#82
Pyrene
Concen: 3.765 ng/ul
RT: 19.786 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00



Tgt Ion:202 Resp: 88862
Ion Ratio Lower Upper
202 100
101 9.9 8.6 13.0
100 9.4 7.4 11.0





#83

Butylbenzylphthalate

Concen: 3.455 ng/ul

RT: 20.668 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_M

ClientSampleId :

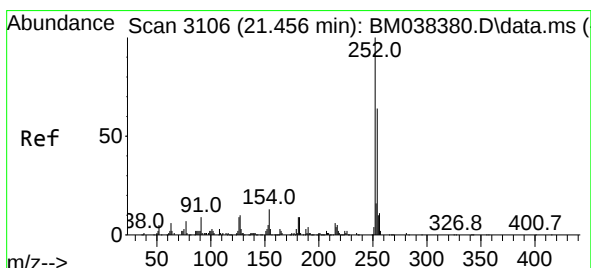
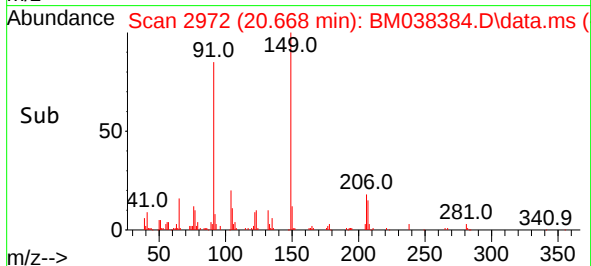
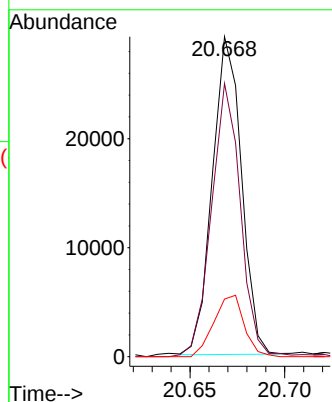
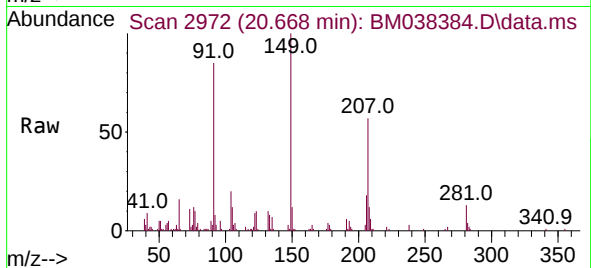
MDL-SOIL-QT4-2022-08

Tgt Ion:	149	Resp:	31274
Ion Ratio	Lower	Upper	
149	100		
91	85.4	65.0	97.6
206	18.0	16.0	24.0

Manual Integrations

APPROVED

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



#84

3,3'-Dichlorobenzidine

Concen: 3.185 ng/ul

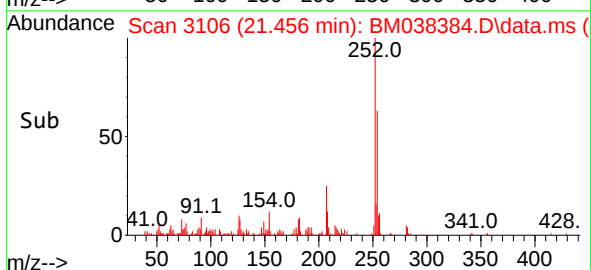
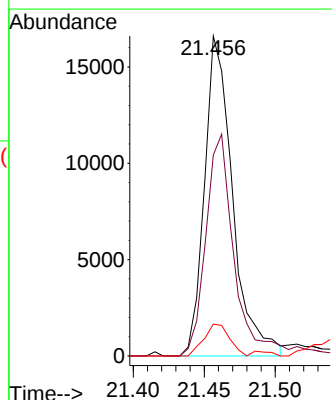
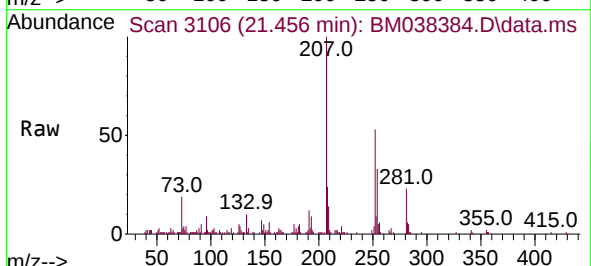
RT: 21.456 min Scan# 3106

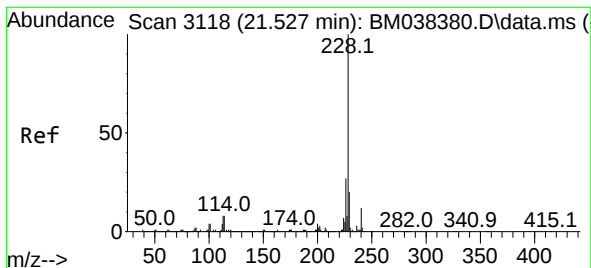
Delta R.T. -0.006 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Tgt Ion:	252	Resp:	22854
Ion Ratio	Lower	Upper	
252	100		
254	62.8	52.1	78.1
126	9.9	6.4	9.6





#85

Benzo(a)anthracene

Concen: 3.781 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2022-08

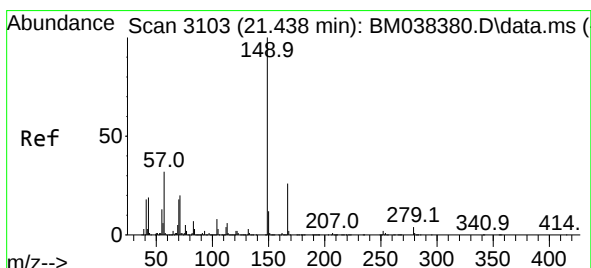
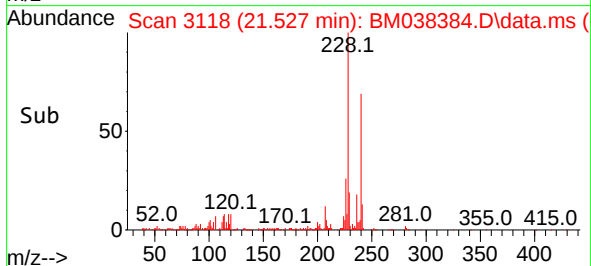
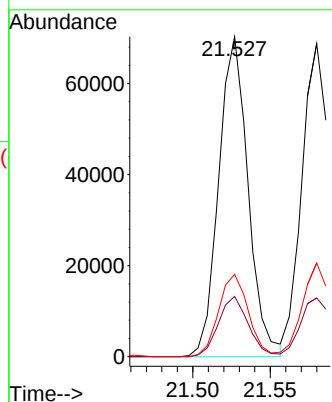
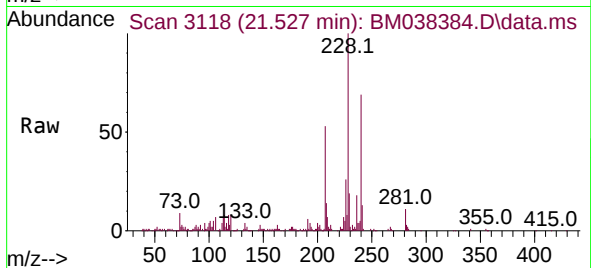
Tgt Ion:228 Resp: 9260

Ion	Ratio	Lower	Upper
228	100		
229	18.8	15.6	23.4
226	25.7	21.1	31.7

Manual Integrations

APPROVED

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



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.481 ng/ul

RT: 21.439 min Scan# 3103

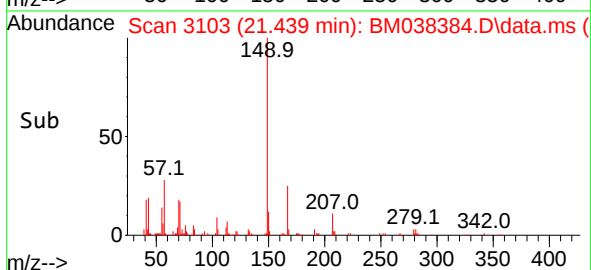
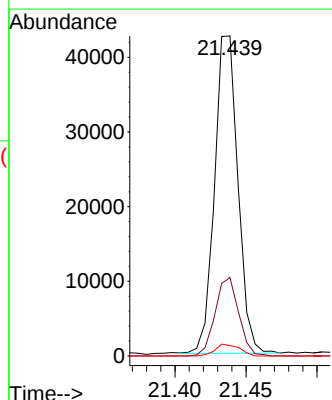
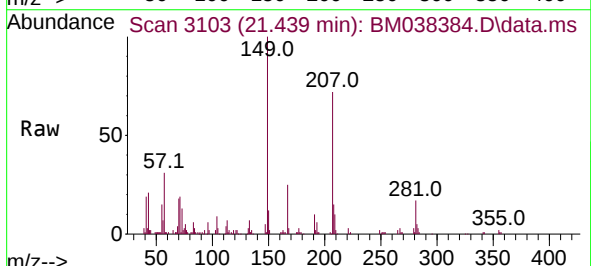
Delta R.T. 0.000 min

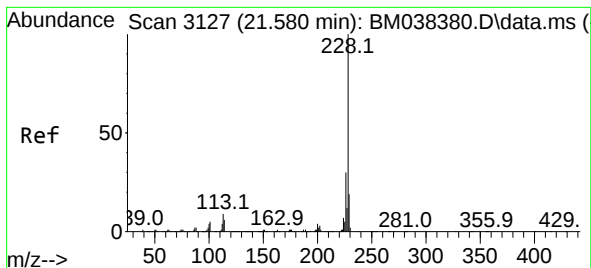
Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Tgt Ion:149 Resp: 48637

Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.7	29.5
279	3.2	2.8	4.2





#87

Chrysene

Concen: 3.835 ng/ul

RT: 21.580 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2022-08

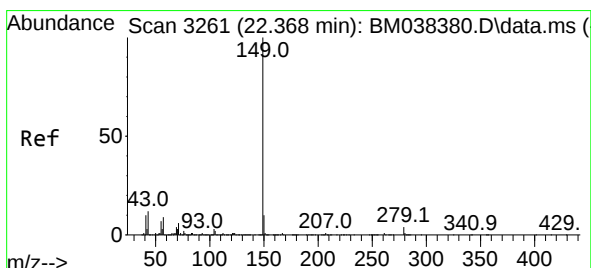
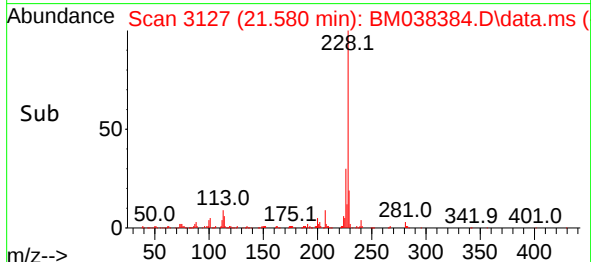
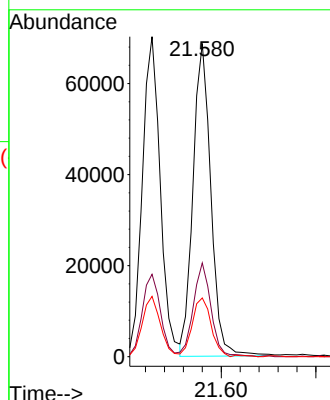
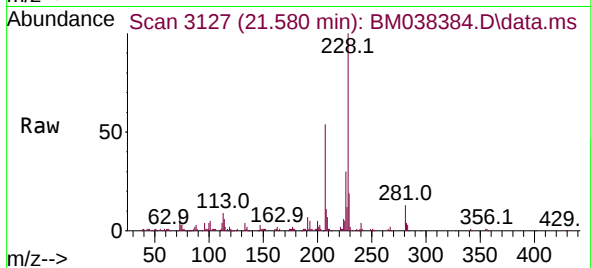
Tgt Ion:228 Resp: 90229

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	18.8	15.4	23.0

Manual Integrations

APPROVED

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



#89

Di-n-octyl phthalate

Concen: 2.884 ng/ul

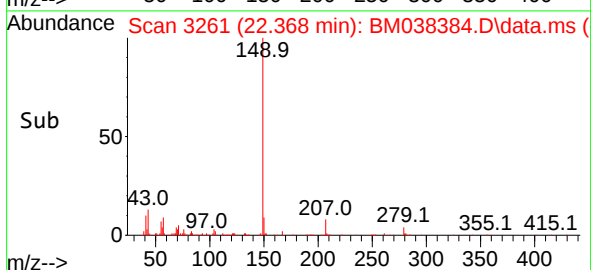
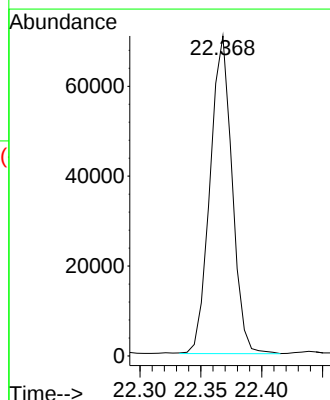
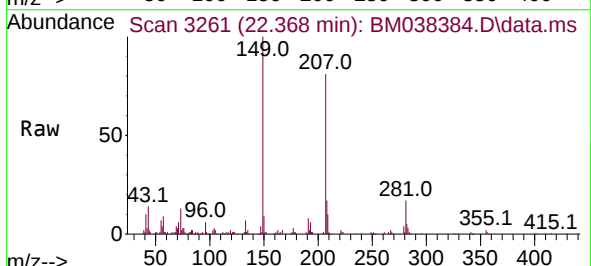
RT: 22.368 min Scan# 3261

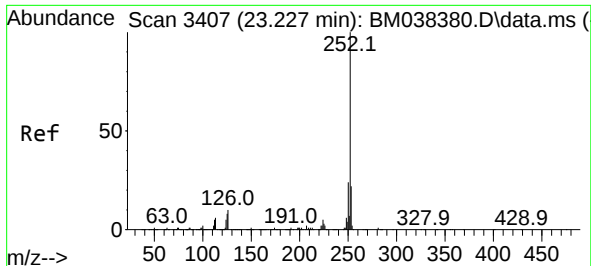
Delta R.T. 0.000 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Tgt Ion:149 Resp: 88631





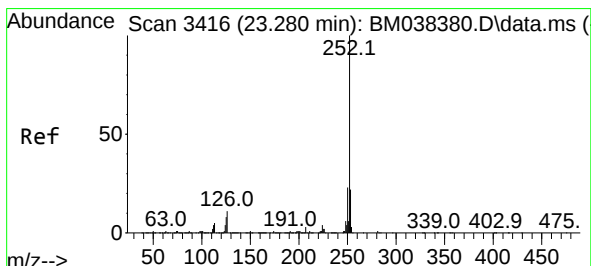
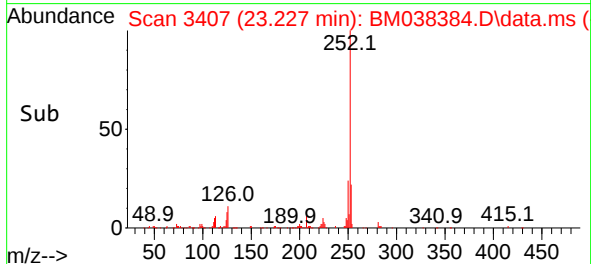
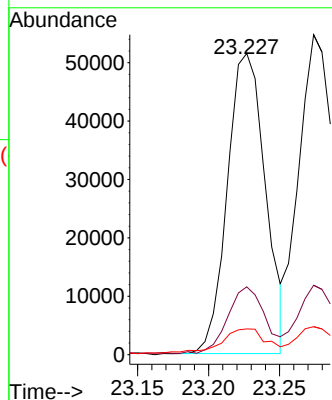
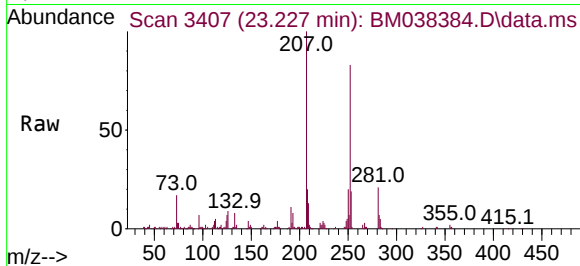
#90
Benzo(b)fluoranthene
Concen: 3.519 ng/ul
RT: 23.227 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

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

Tgt Ion:252 Resp: 95640
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 8.6 6.6 10.0

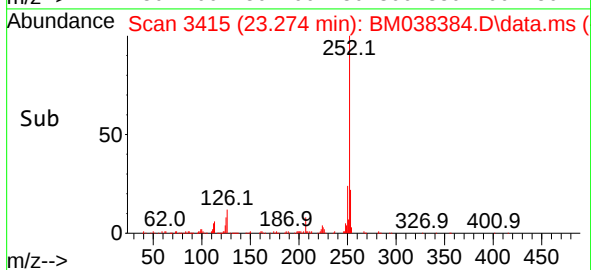
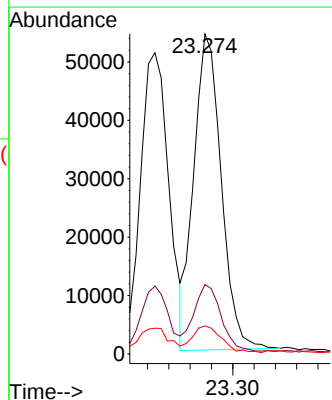
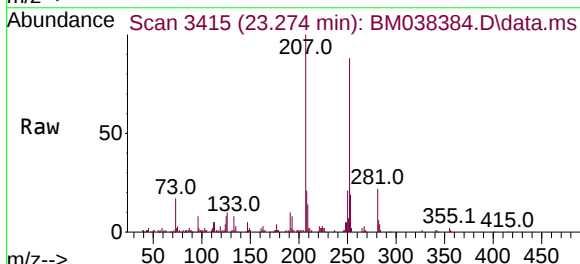
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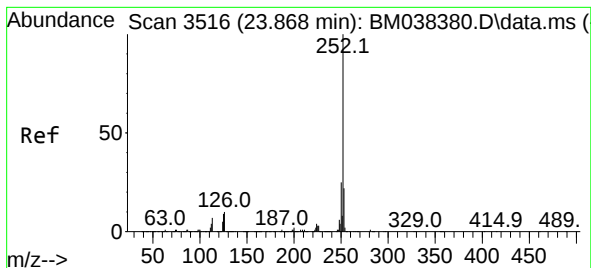
Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023



#91
Benzo(k)fluoranthene
Concen: 3.563 ng/ul
RT: 23.274 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BM038384.D
Acq: 06 Jan 2023 12:00

Tgt Ion:252 Resp: 97245
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 8.8 6.3 9.5





#93

Benzo(a)pyrene

Concen: 3.860 ng/ul

RT: 23.862 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2022-08

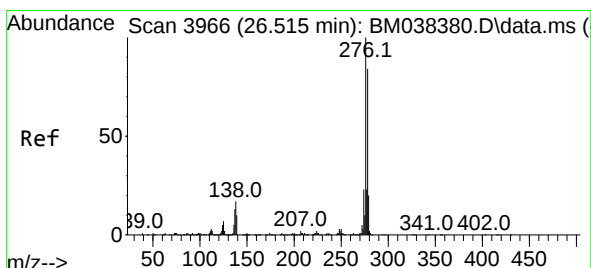
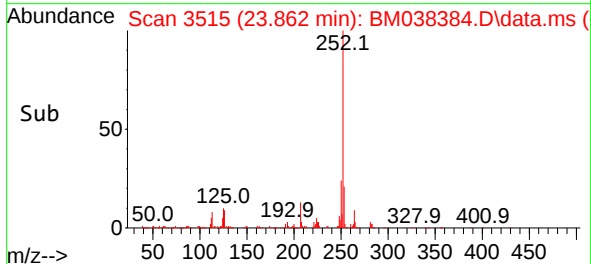
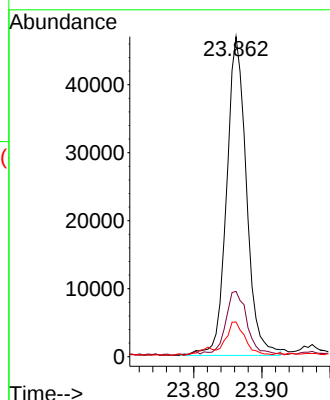
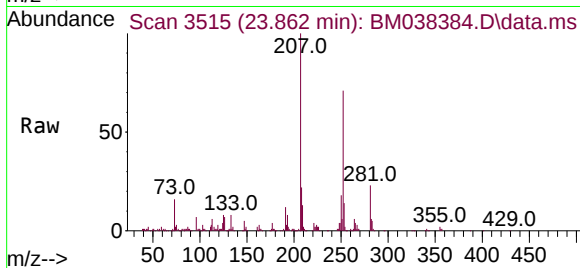
Tgt Ion:252 Resp: 9495

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.7	26.5
125	10.8	7.4	11.0

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.901 ng/ul

RT: 26.509 min Scan# 3965

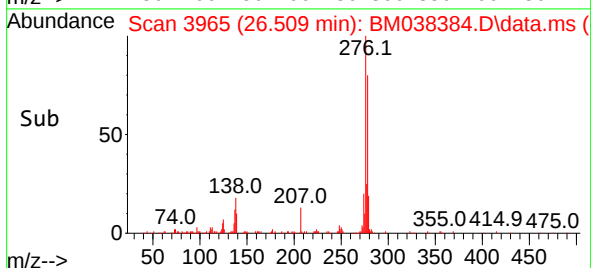
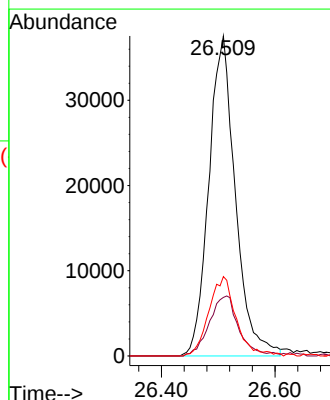
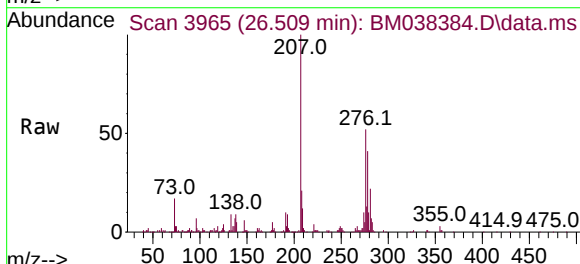
Delta R.T. -0.006 min

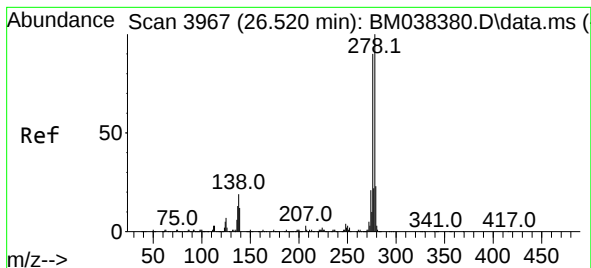
Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Tgt Ion:276 Resp: 121944

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.7	23.5
277	24.8	20.2	30.4





#95

Dibenzo(a,h)anthracene

Concen: 3.802 ng/ul

RT: 26.521 min Scan# 3967

Delta R.T. -0.006 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_M

ClientSampleId :

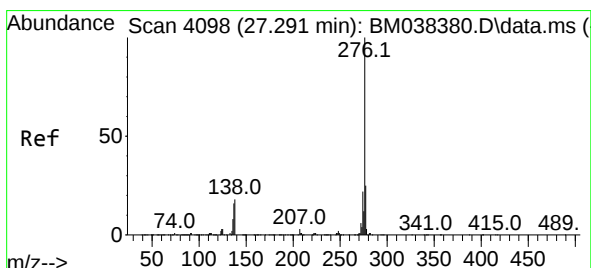
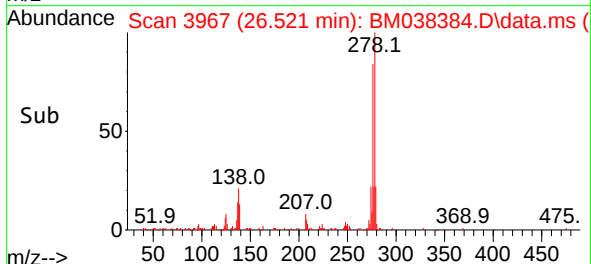
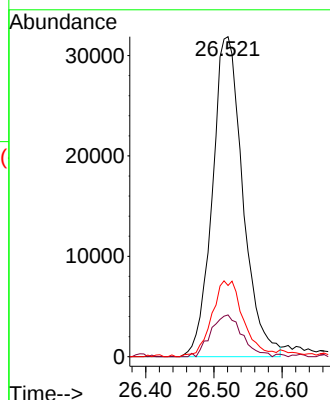
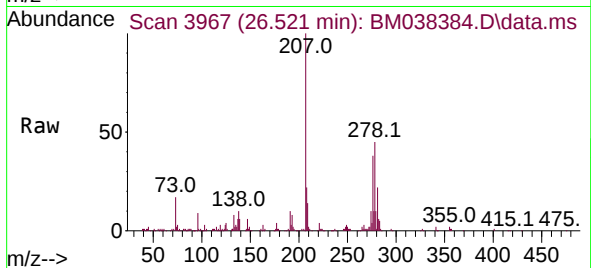
MDL-SOIL-QT4-2022-08

Tgt Ion:	278	Resp:	9919
Ion Ratio	Lower	Upper	
278	100		
139	13.1	10.0	15.0
279	22.2	18.9	28.3

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 3.943 ng/ul

RT: 27.291 min Scan# 4098

Delta R.T. -0.006 min

Lab File: BM038384.D

Acq: 06 Jan 2023 12:00

Tgt Ion:	276	Resp:	100938
Ion Ratio	Lower	Upper	
276	100		
138	17.4	13.8	20.6
277	21.6	18.6	28.0

