

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030123\
 Data File : BM038823.D
 Acq On : 01 Mar 2023 11:30
 Operator : CG/JU
 Sample : 01378-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 01 12:02:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 01 02:09:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	212219	20.000	ng/u1	0.00
20) Naphthalene-d8	10.827	136	958397	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	604855	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1320226	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1338641	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1556597	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	28382	4.994	ng/uL	0.00
4) Pyridine-d5	3.804	84	229773	14.704	ng/u1	0.00
7) Phenol-d5	7.157	99	359929	18.090	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	239893	18.871	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	282508	19.055	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	273829	17.470	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	127976	19.021	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	119332	18.928	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	260907	17.809	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	421865	17.276	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	886218	18.917	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1008910	18.426	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	147831	15.763	ng/u1	0.00
60) Fluorene-d10	15.633	176	775167	18.761	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	90544	13.192	ng/u1	0.00
73) Anthracene-d10	17.486	188	1156417	17.764	ng/u1	0.00
81) Pyrene-d10	19.774	212	1435437	19.496	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	1497041	19.084	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	8061	1.320	ng/uL	95
5) Pyridine	3.828	79	65534	3.896	ng/u1#	82
6) Benzaldehyde	7.139	77	48364m	5.019	ng/u1	
8) Phenol	7.181	94	94568	4.441	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.428	93	77905	4.595	ng/u1	96
12) 2-Chlorophenol	7.569	128	70705	4.630	ng/u1	97
13) 2-Methylphenol	8.451	108	66949	4.206	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.551	45	96931	4.554	ng/u1	99
16) Acetophenone	8.833	105	128128	4.703	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.822	70	57108	4.564	ng/u1	96
18) 4-Methylphenol	8.775	108	77962	4.411	ng/u1	100
19) Hexachloroethane	9.098	117	27276	4.459	ng/u1	92
22) Nitrobenzene	9.216	77	87572	4.758	ng/u1	99
23) Isophorone	9.745	82	166349	4.443	ng/u1	99
25) 2-Nitrophenol	9.933	139	35007	4.682	ng/u1	97
26) 2,4-Dimethylphenol	9.992	107	75248	4.097	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.233	93	109445	4.763	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	69886	4.706	ng/u1	98
30) Naphthalene	10.875	128	261945	4.790	ng/u1	100
32) 4-Chloroaniline	10.980	127	112835	4.564	ng/u1	99
33) Hexachlorobutadiene	11.169	225	43561	4.714	ng/u1	96
34) Caprolactam	11.745	113	22610m	4.440	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	70048	4.172	ng/u1	99
36) 2-Methylnaphthalene	12.480	142	170417	4.774	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	136879	3.806	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.845	216	90205	4.986	ng/ul	98
40) Hexachlorocyclopentadiene	12.827	237	51417	5.267	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	49437	4.332	ng/ul	97
42) 2,4,5-Trichlorophenol	13.145	196	55540m	4.422	ng/ul	
43) 1,1'-Biphenyl	13.486	154	235419	4.935	ng/ul	98
44) 2-Chloronaphthalene	13.527	162	184185	4.895	ng/ul	99
45) 2-Nitroaniline	13.721	65	31093	3.662	ng/ul	95
47) Dimethylphthalate	14.104	163	231795	4.882	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	26725	3.557	ng/ul#	88
50) Acenaphthylene	14.368	152	302095	4.975	ng/ul	99
51) 3-Nitroaniline	14.539	138	32217	3.417	ng/ul#	97
52) Acenaphthene	14.710	153	203567	4.870	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	21432	5.018	ng/ul	93
55) 4-Nitrophenol	14.833	109	33491m	4.471	ng/ul	
56) Dibenzofuran	15.039	168	292023	5.032	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	44364	3.820	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	45306	4.143	ng/ul	99
59) Diethylphthalate	15.462	149	216845	4.616	ng/ul	99
61) Fluorene	15.692	166	239200	4.916	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	116065	4.941	ng/ul	99
63) 4-Nitroaniline	15.698	138	37007m	3.795	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	27452	3.865	ng/ul#	96
67) N-Nitrosodiphenylamine	15.898	169	185388	4.643	ng/ul	100
68) 4-Bromophenyl-phenylether	16.580	248	64300	4.732	ng/ul	97
69) Hexachlorobenzene	16.692	284	81542	4.954	ng/ul	97
70) Atrazine	16.845	200	51948	3.846	ng/ul	97
71) Pentachlorophenol	17.033	266	37621	3.759	ng/ul	95
72) Phenanthrene	17.427	178	379403	4.974	ng/ul	100
74) Anthracene	17.521	178	363679	4.682	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	70765	3.803	ng/uL	98
76) Pentachlorobenzene	14.963	250	69535	3.637	ng/uL	99
77) Carbazole	17.786	167	324390	4.498	ng/ul	99
78) Di-n-butylphthalate	18.362	149	299270	4.079	ng/ul	99
80) Fluoranthene	19.439	202	408937	4.829	ng/ul	99
82) Pyrene	19.803	202	471513	5.078	ng/ul	98
83) Butylbenzylphthalate	20.709	149	94806	3.843	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	93357	3.559	ng/ul	99
85) Benzo(a)anthracene	21.550	228	444963	4.811	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.491	149	158186	3.857	ng/ul	100
87) Chrysene	21.603	228	448079	4.954	ng/ul	98
89) Di-n-octyl phthalate	22.444	149	247713	3.165	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	450944	4.666	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	472419	4.758	ng/ul	98
93) Benzo(a)pyrene	23.915	252	437989	4.892	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.585	276	553810	4.679	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	465893	4.666	ng/ul	99
96) Benzo(g,h,i)perylene	27.368	276	459611	4.743	ng/ul	97

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

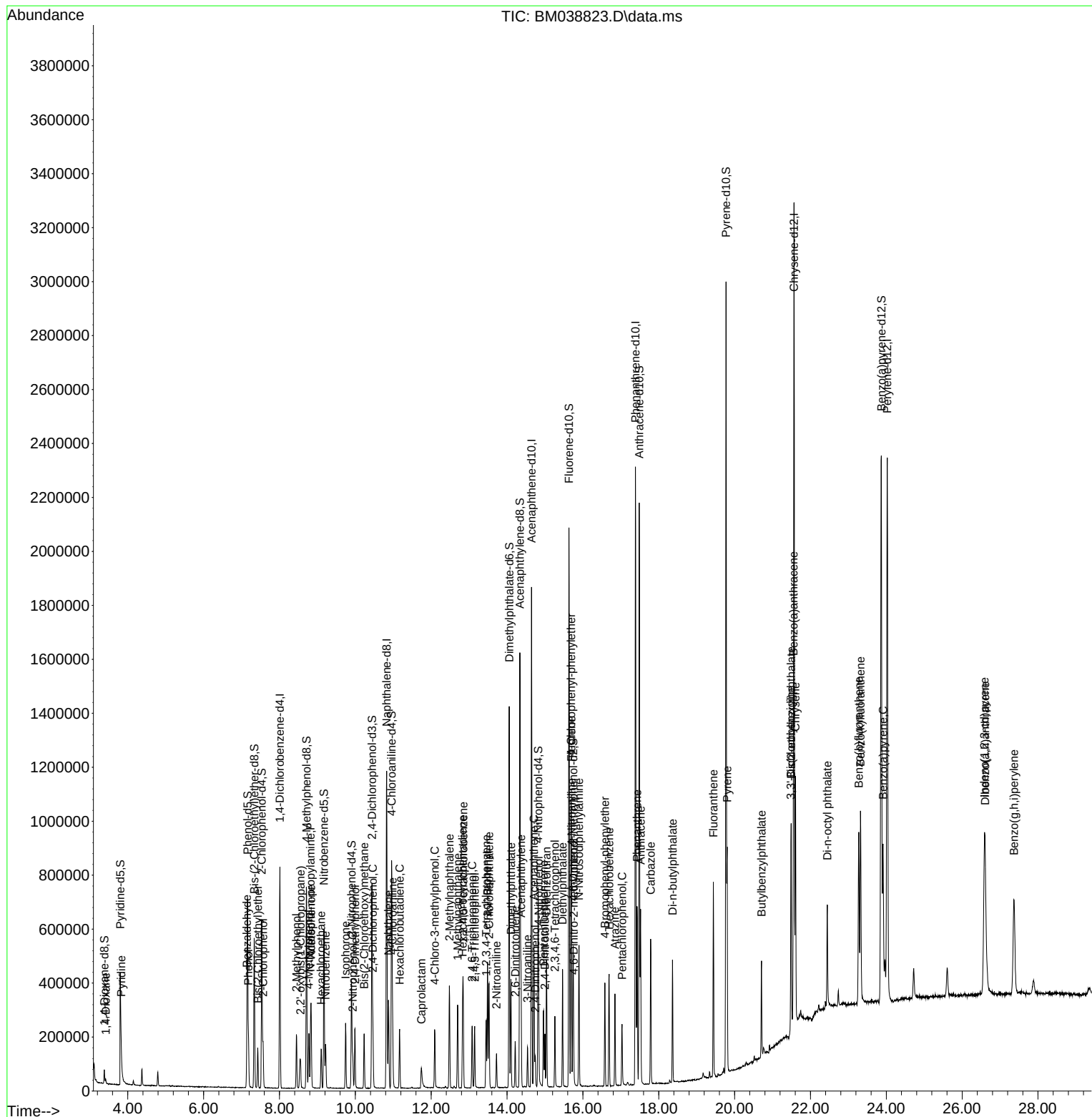
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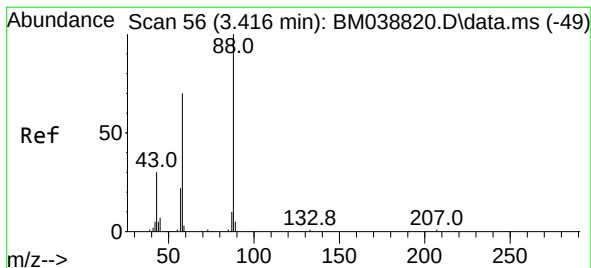
Instrument :
 BNA_M
 ClientSampleId :
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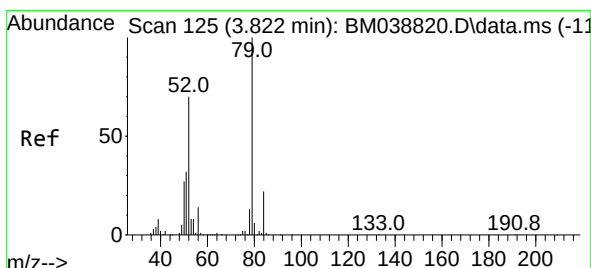
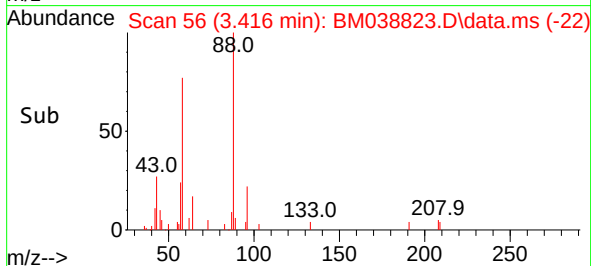
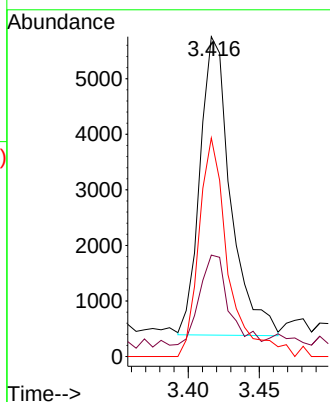
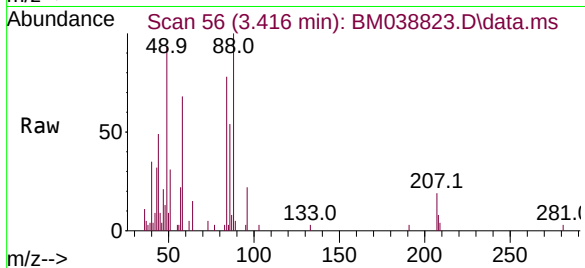
#2
1,4-Dioxane
Concen: 1.320 ng/uL
RT: 3.416 min Scan# 50
Delta R.T. -0.001 min
Lab File: BM038823.D
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BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.7	21.5	32.3
58	68.3	56.4	84.6

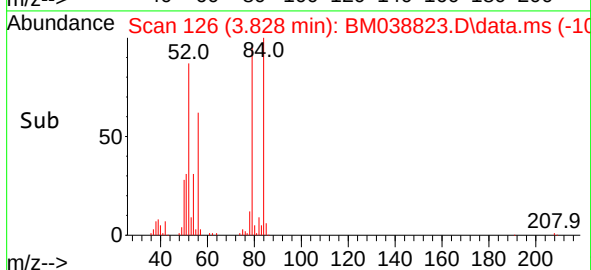
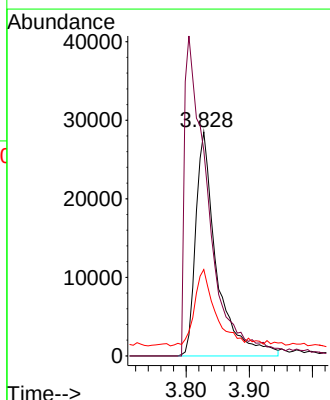
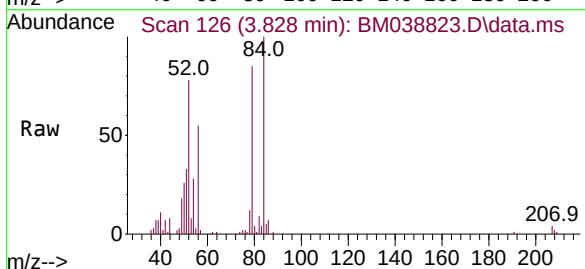
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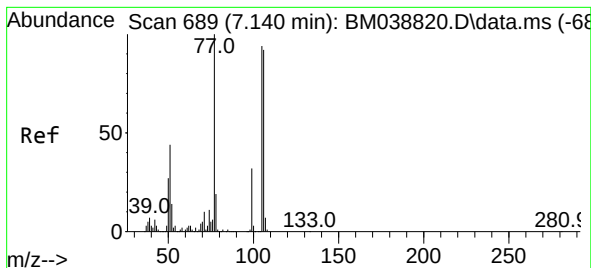
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#5
Pyridine
Concen: 3.896 ng/uL
RT: 3.828 min Scan# 126
Delta R.T. 0.005 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

Tgt Ion	Ratio	Lower	Upper
79	100		
52	91.8	57.8	86.6
51	38.5	27.8	41.6





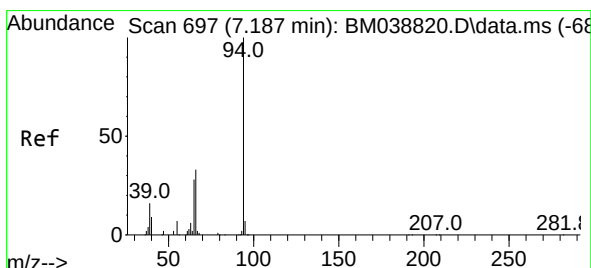
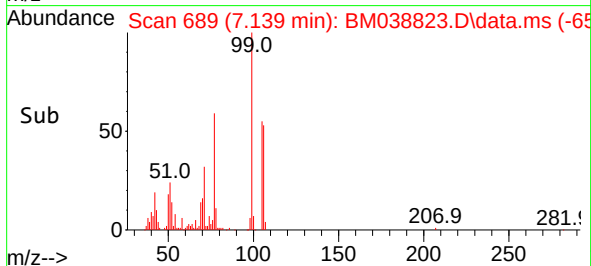
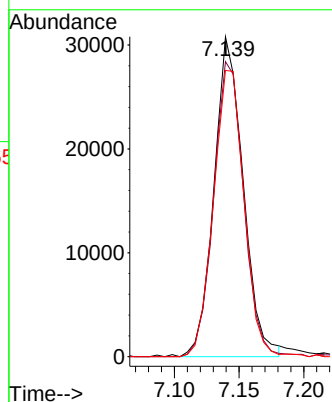
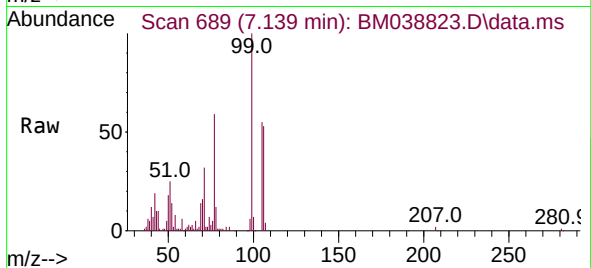
#6
Benzaldehyde
Concen: 5.019 ng/ul m
RT: 7.139 min Scan# 689
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

Instrument :
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Tgt Ion: 77 Resp: 48364
Ion Ratio Lower Upper
77 100
105 92.2 77.9 116.9
106 89.4 78.3 117.5

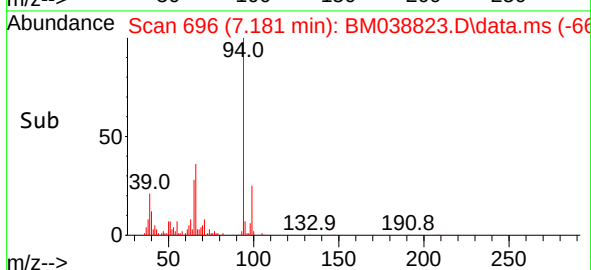
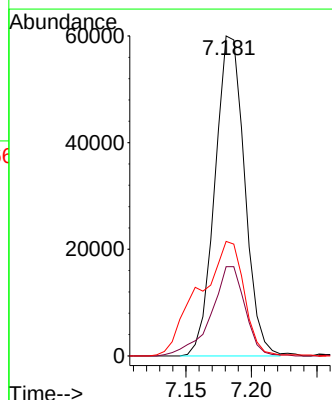
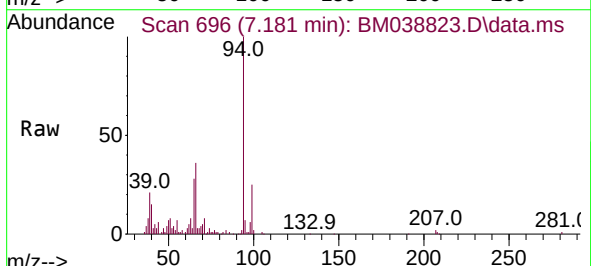
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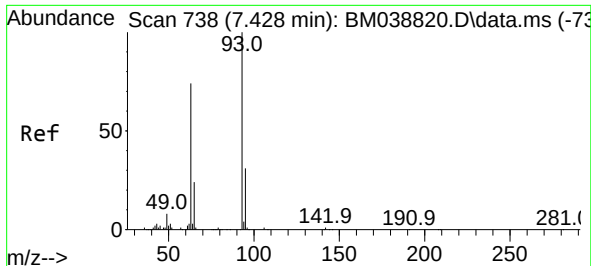
Reviewed By :Yogesh Patel 03/02/2023
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#8
Phenol
Concen: 4.441 ng/ul
RT: 7.181 min Scan# 696
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

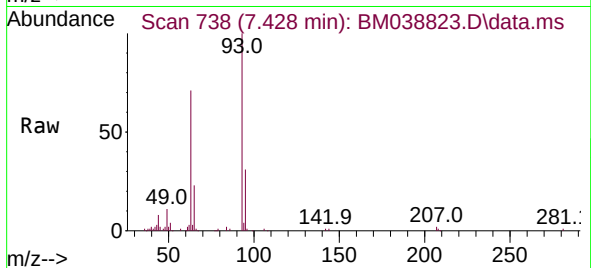
Tgt Ion: 94 Resp: 94568
Ion Ratio Lower Upper
94 100
65 27.9 22.1 33.1
66 35.8 28.6 43.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.595 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038823.D
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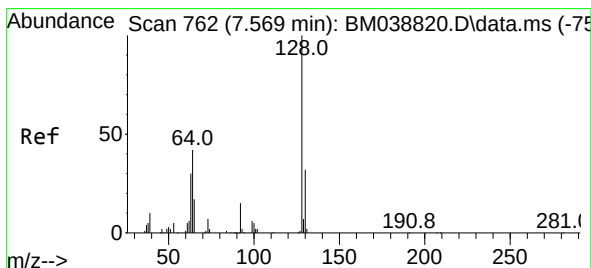
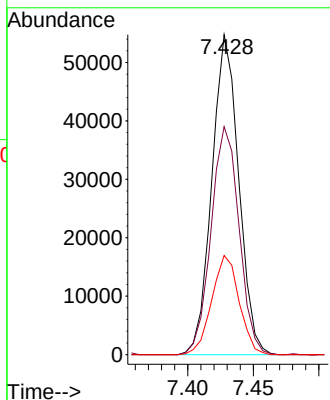
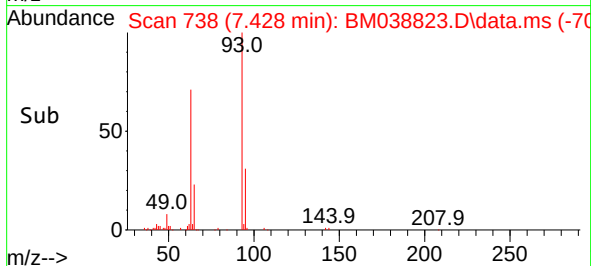
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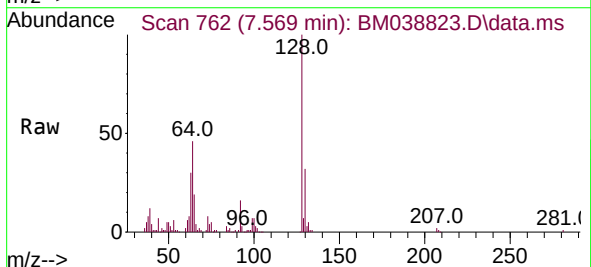
Tgt Ion: 93 Resp: 77905
Ion Ratio Lower Upper
93 100
63 71.2 60.3 90.5
95 31.0 25.8 38.6

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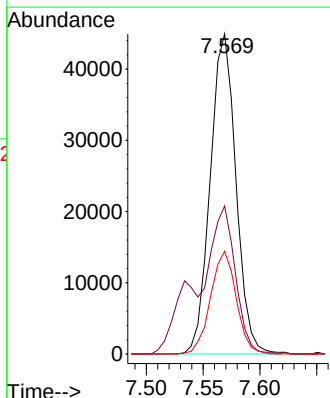
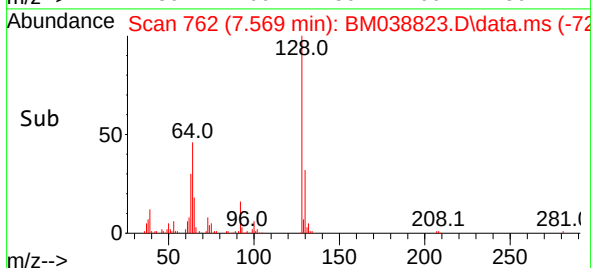
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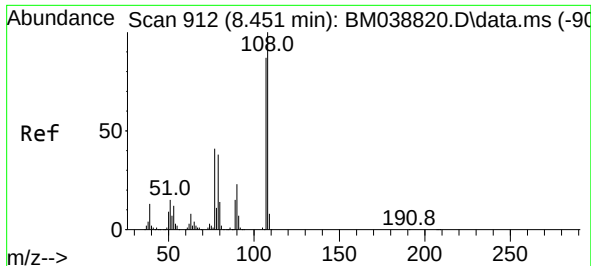


#12
2-Chlorophenol
Concen: 4.630 ng/ul
RT: 7.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30



Tgt Ion:128 Resp: 70705
Ion Ratio Lower Upper
128 100
64 46.2 38.9 58.3
130 32.1 25.1 37.7





#13

2-Methylphenol

Concen: 4.206 ng/ul

RT: 8.451 min Scan# 912

Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Instrument :

BNA_M

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Tgt Ion:108 Resp: 66949

Ion Ratio Lower Upper

108 100

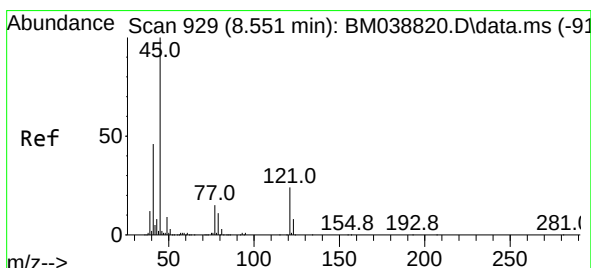
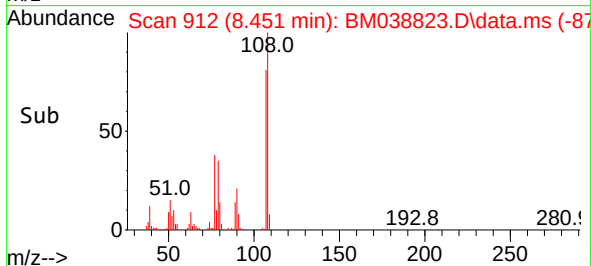
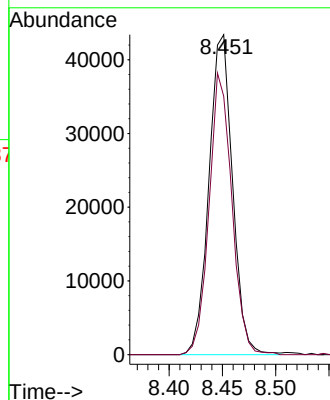
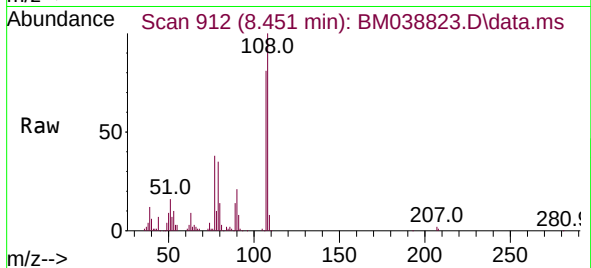
107 80.7 69.0 103.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/03/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.554 ng/ul

RT: 8.551 min Scan# 929

Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

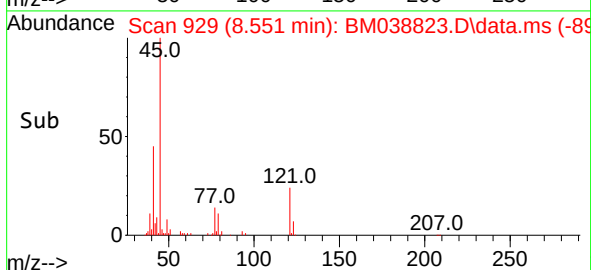
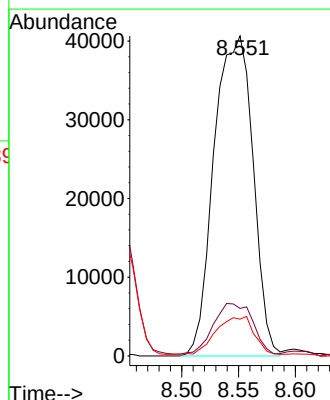
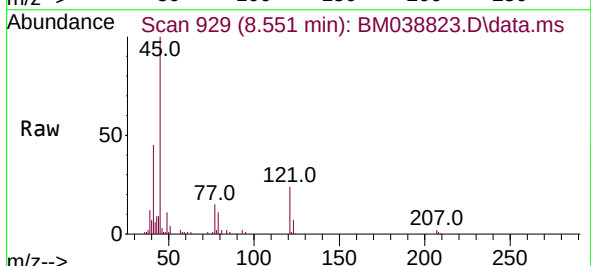
Tgt Ion: 45 Resp: 96931

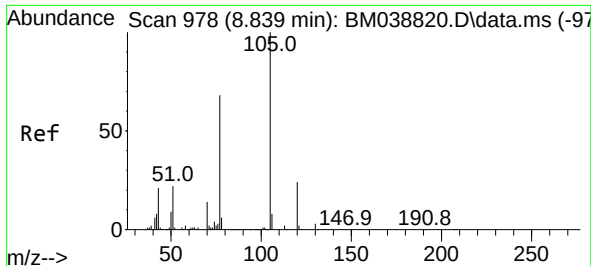
Ion Ratio Lower Upper

45 100

77 14.8 12.4 18.6

79 11.5 9.4 14.0





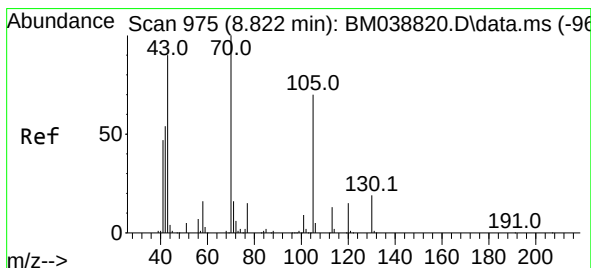
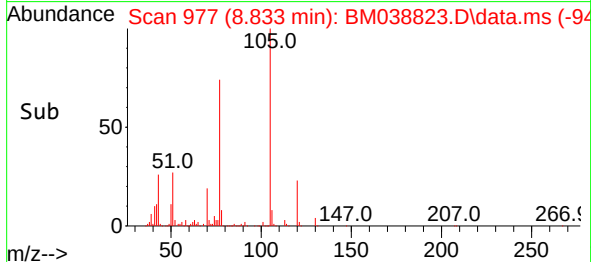
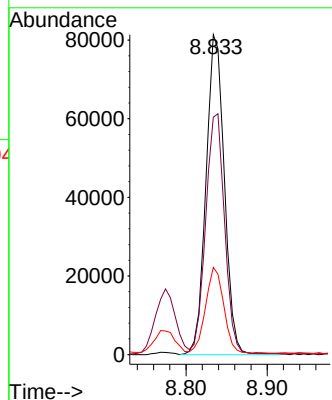
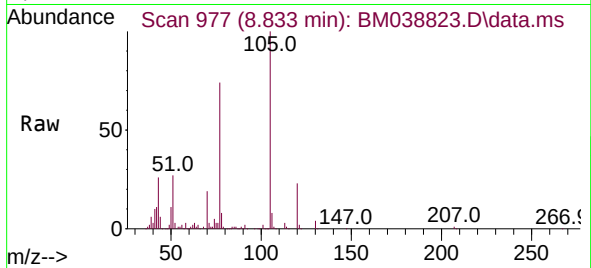
#16
Acetophenone
Concen: 4.703 ng/ul
RT: 8.833 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

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

Tgt Ion:105 Resp: 128128
Ion Ratio Lower Upper
105 100
77 74.2 62.6 93.8
51 27.3 20.8 31.2

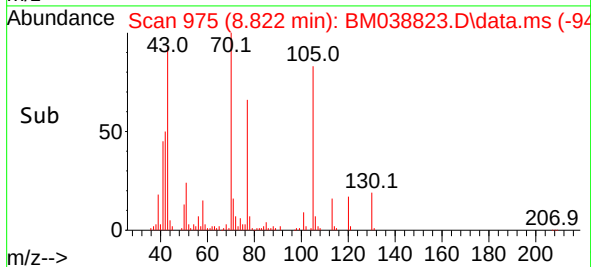
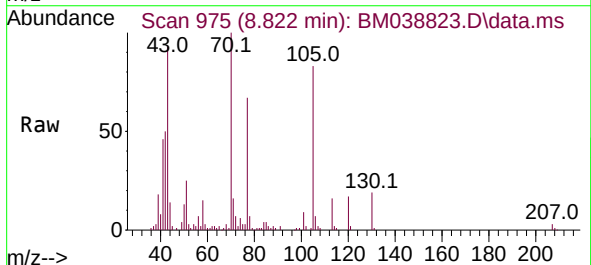
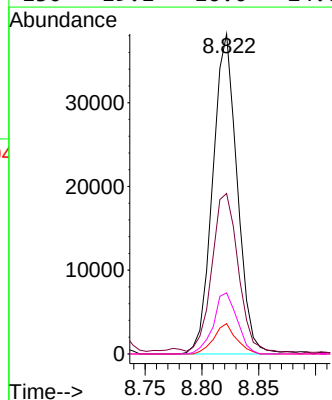
Manual Integrations
APPROVED

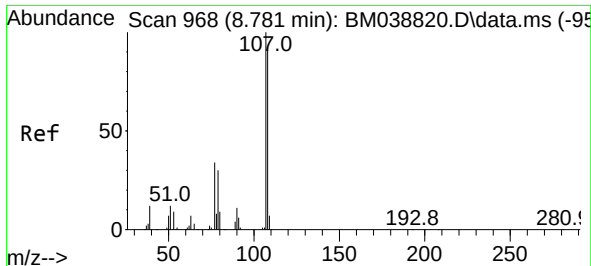
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.564 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

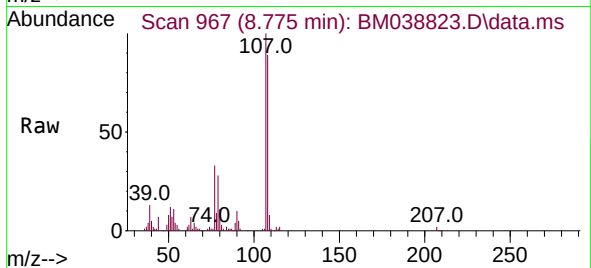
Tgt Ion: 70 Resp: 57108
Ion Ratio Lower Upper
70 100
42 50.1 43.5 65.3
101 9.5 7.2 10.8
130 19.1 16.0 24.0





#18
4-Methylphenol
Concen: 4.411 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

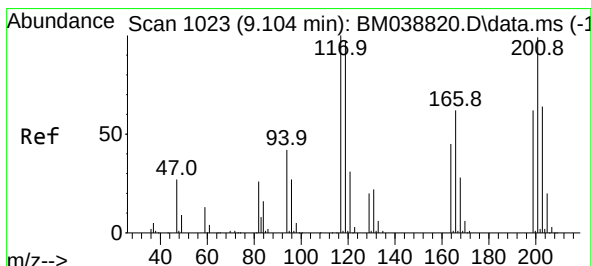
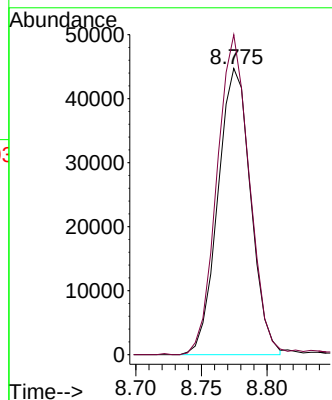
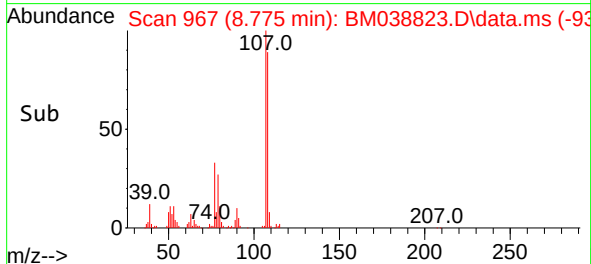
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:108 Resp: 77962
Ion Ratio Lower Upper
108 100
107 111.8 89.0 133.6

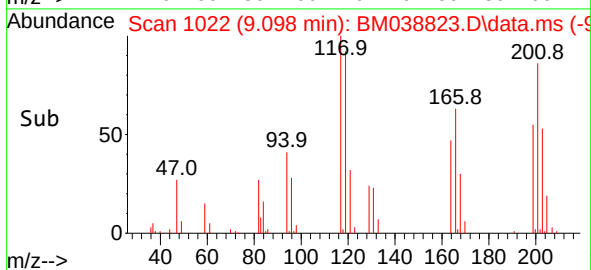
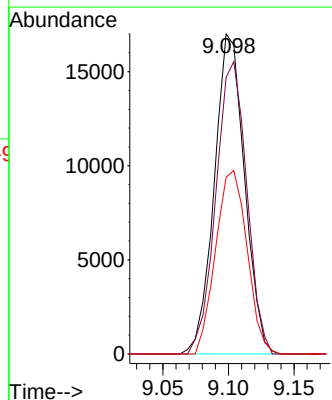
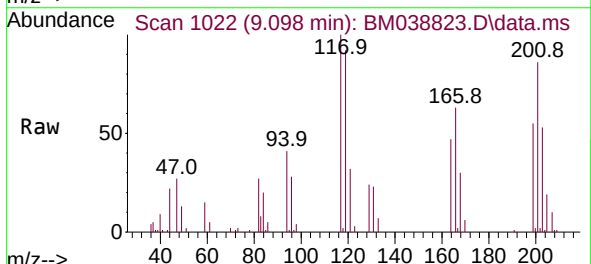
Manual Integrations
APPROVED

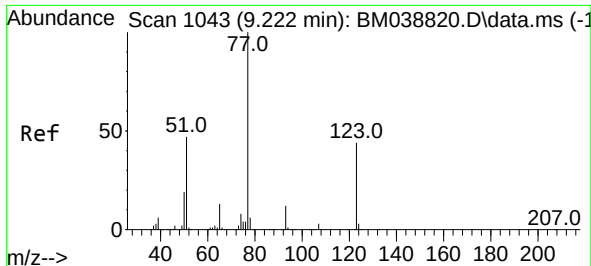
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#19
Hexachloroethane
Concen: 4.459 ng/ul
RT: 9.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

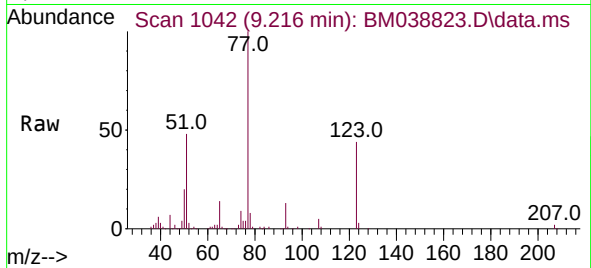
Tgt Ion:117 Resp: 27276
Ion Ratio Lower Upper
117 100
201 86.4 76.6 115.0
199 55.2 46.6 70.0





#22
Nitrobenzene
Concen: 4.758 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

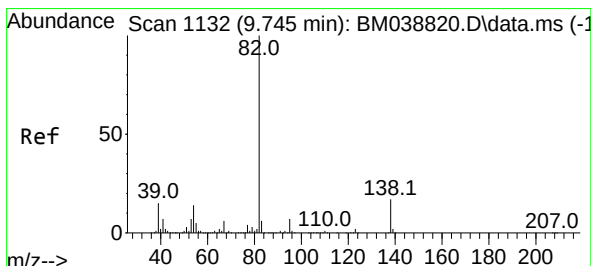
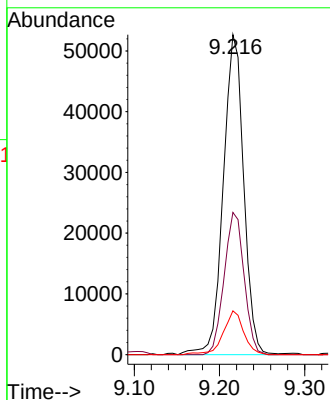
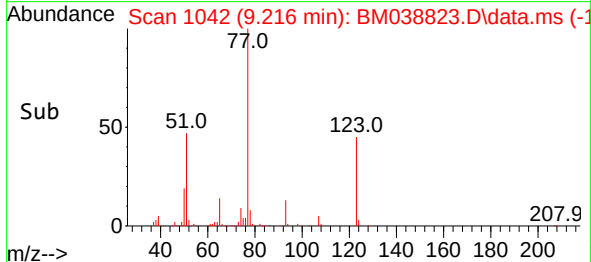
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion: 77 Resp: 87572
Ion Ratio Lower Upper
77 100
123 44.4 35.3 52.9
65 13.7 10.6 15.8

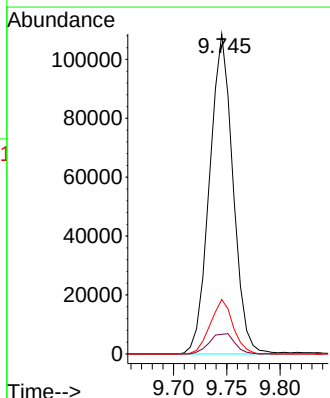
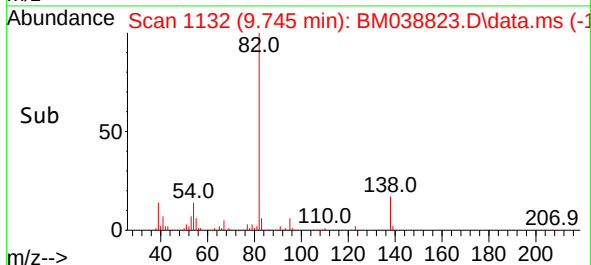
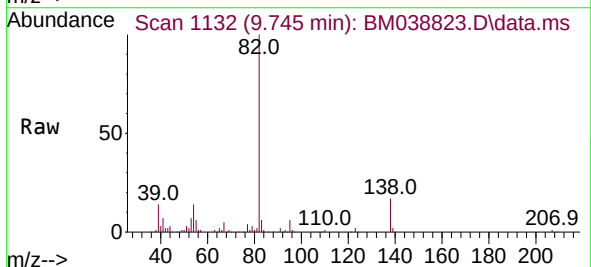
Manual Integrations
APPROVED

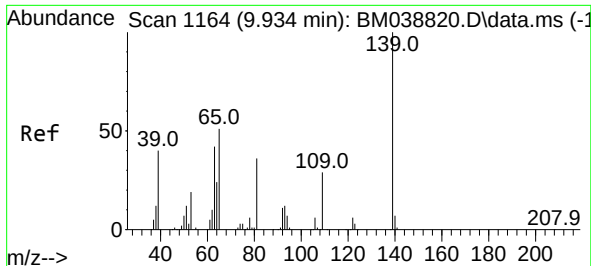
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#23
Isophorone
Concen: 4.443 ng/ul
RT: 9.745 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

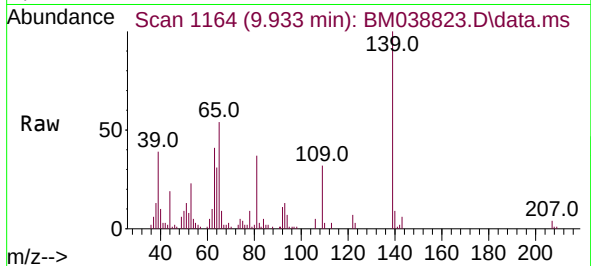
Tgt Ion: 82 Resp: 166349
Ion Ratio Lower Upper
82 100
95 6.1 5.2 7.8
138 17.0 13.1 19.7





#25
2-Nitrophenol
Concen: 4.682 ng/ul
RT: 9.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

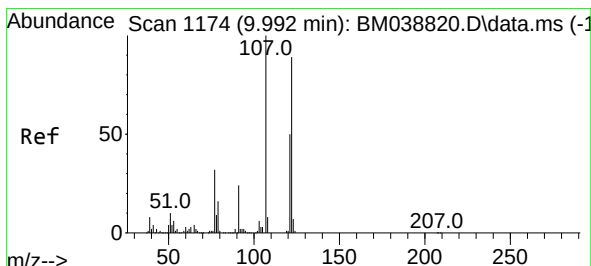
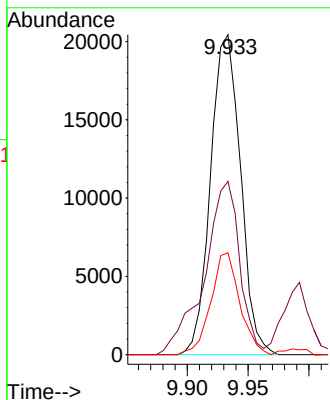
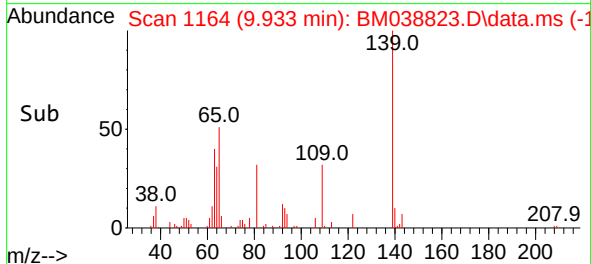
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



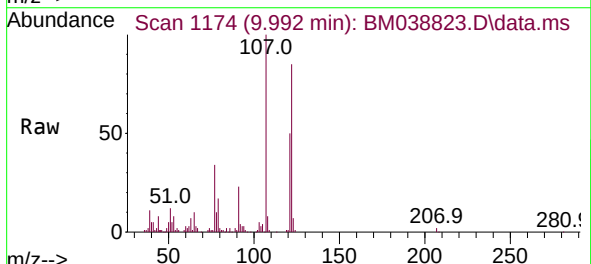
Tgt Ion:139 Resp: 3500
Ion Ratio Lower Upper
139 100
65 54.1 42.6 63.8
109 31.8 23.1 34.7

Manual Integrations
APPROVED

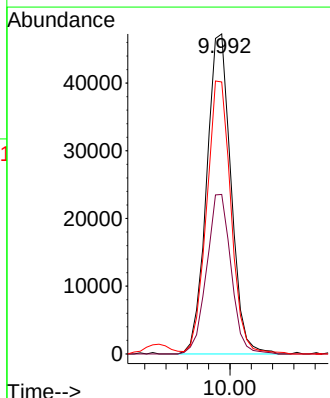
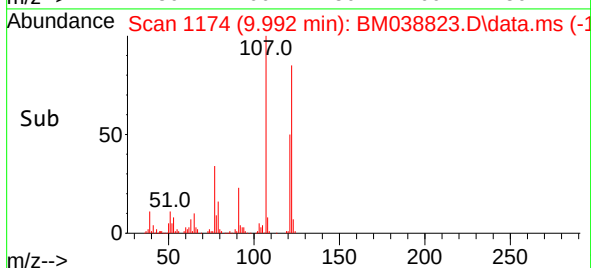
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

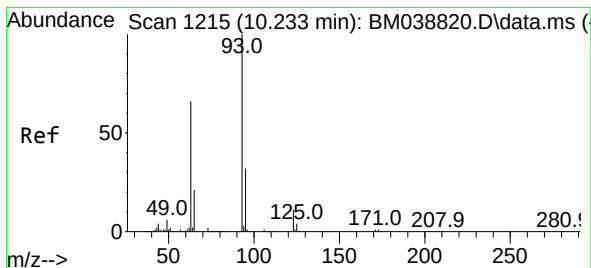


#26
2,4-Dimethylphenol
Concen: 4.097 ng/ul
RT: 9.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30



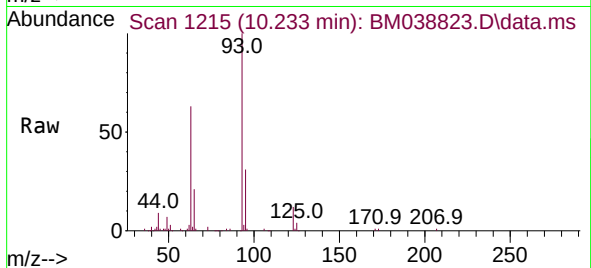
Tgt Ion:107 Resp: 75248
Ion Ratio Lower Upper
107 100
121 49.8 39.8 59.8
122 85.0 69.0 103.4





#27
Bis(2-Chloroethoxy)methane
Concen: 4.763 ng/ul
RT: 10.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

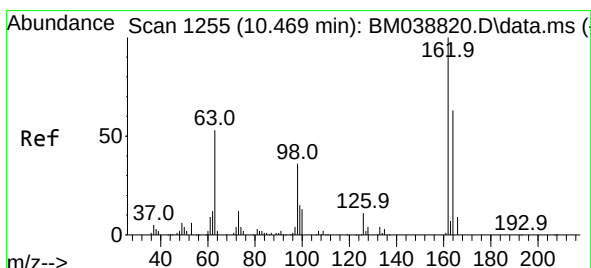
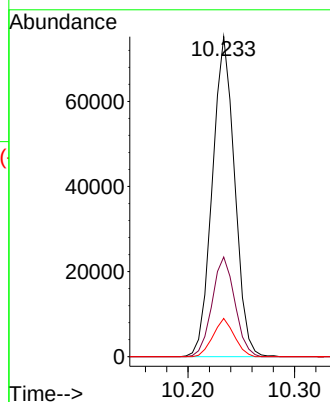
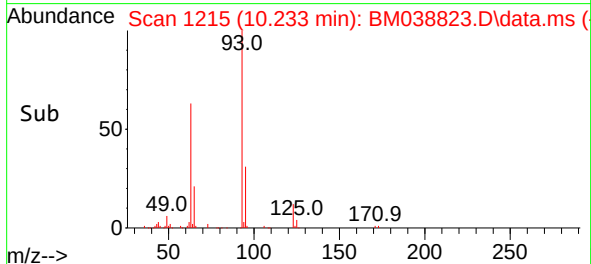
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion: 93 Resp: 109445
Ion Ratio Lower Upper
93 100
95 31.2 25.3 37.9
123 11.9 9.3 13.9

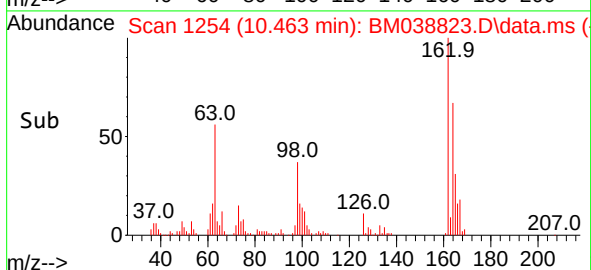
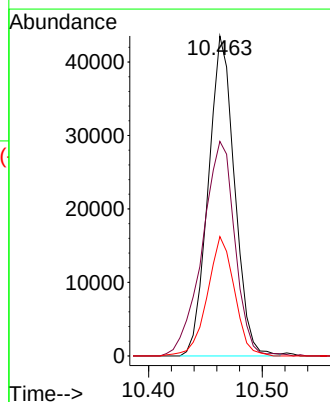
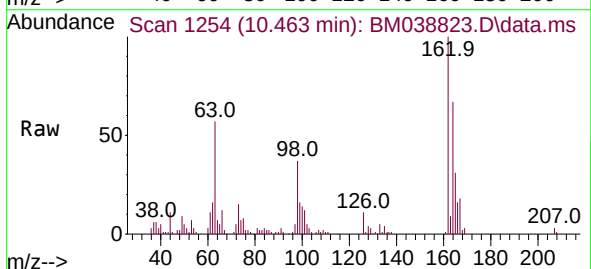
Manual Integrations
APPROVED

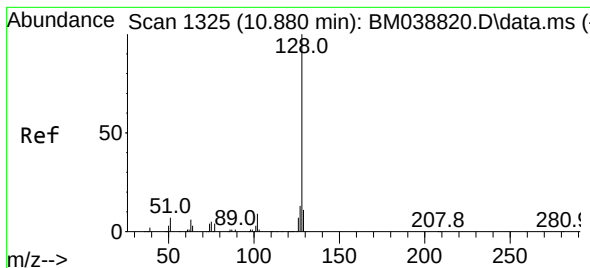
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#29
2,4-Dichlorophenol
Concen: 4.706 ng/ul
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

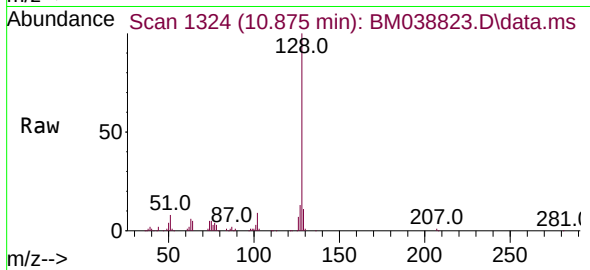
Tgt Ion:162 Resp: 69886
Ion Ratio Lower Upper
162 100
164 67.0 52.6 78.8
98 37.3 29.0 43.6





#30
Naphthalene
Concen: 4.790 ng/ul
RT: 10.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

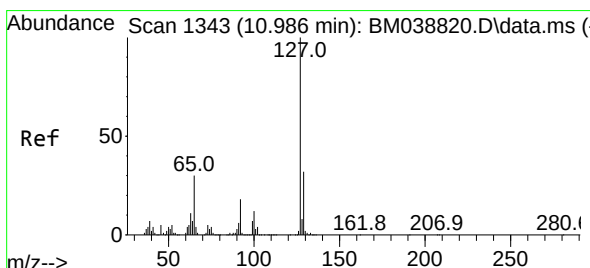
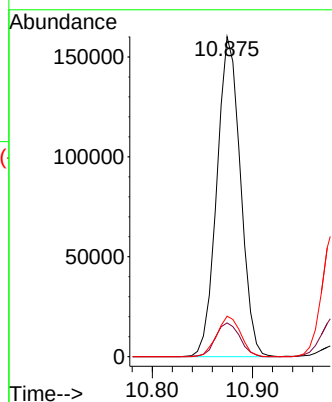
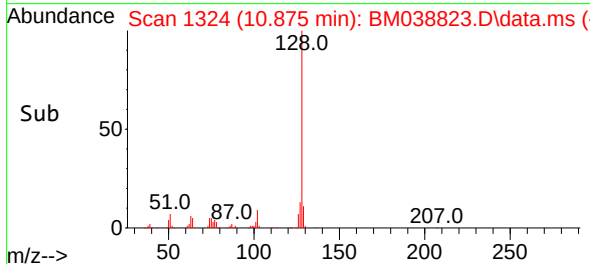
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:128 Resp: 261945
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.6 10.2 15.4

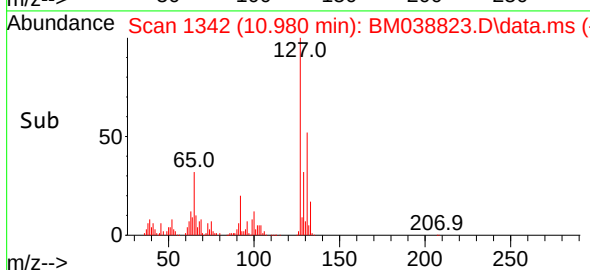
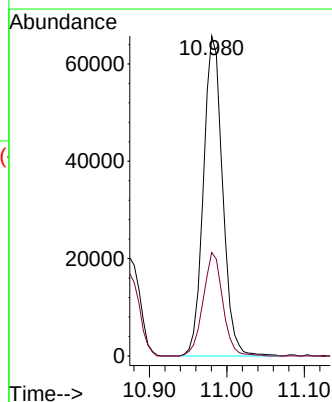
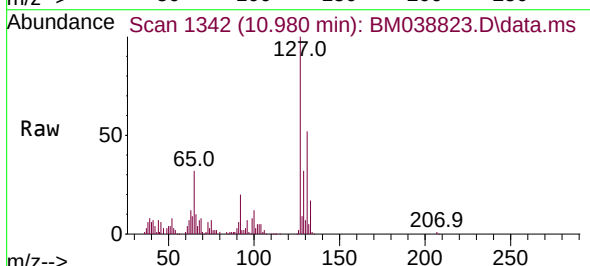
Manual Integrations
APPROVED

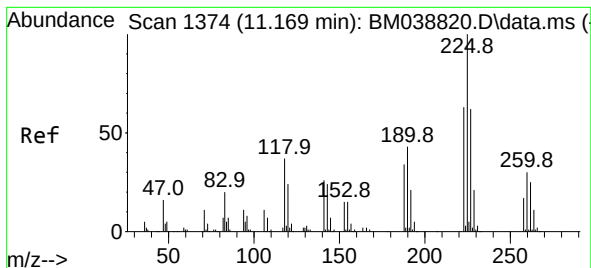
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#32
4-Chloroaniline
Concen: 4.564 ng/ul
RT: 10.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

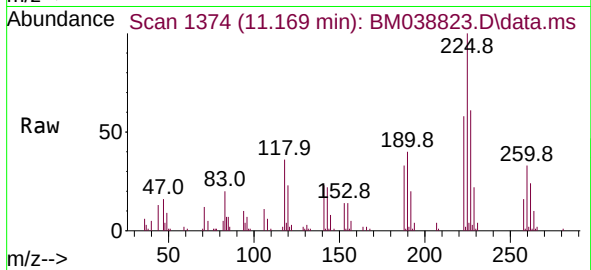
Tgt Ion:127 Resp: 112835
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5





#33
Hexachlorobutadiene
Concen: 4.714 ng/ul
RT: 11.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

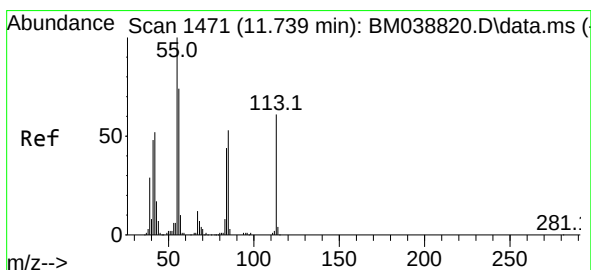
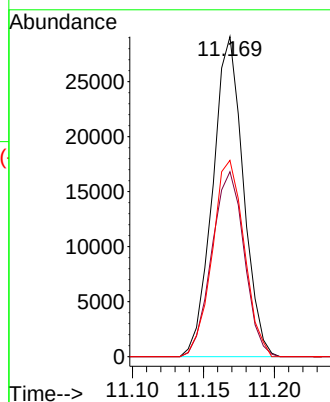
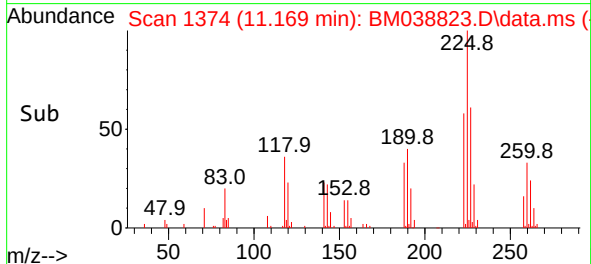
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:225 Resp: 43561
Ion Ratio Lower Upper
225 100
223 57.8 50.9 76.3
227 64.2 50.4 75.6

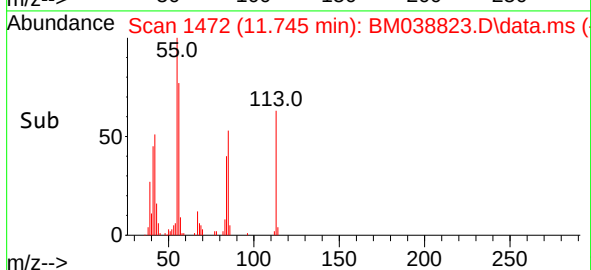
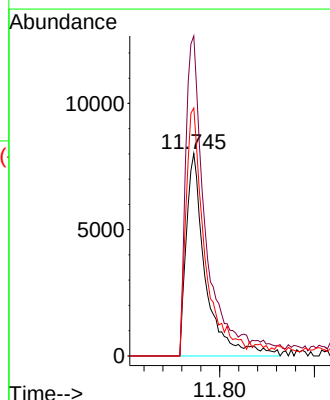
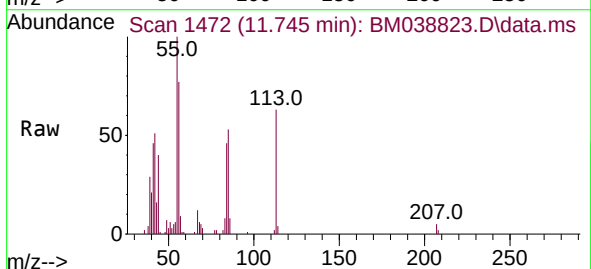
Manual Integrations
APPROVED

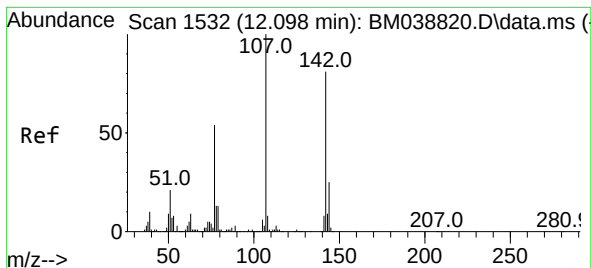
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#34
Caprolactam
Concen: 4.440 ng/ul m
RT: 11.745 min Scan# 1472
Delta R.T. 0.005 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

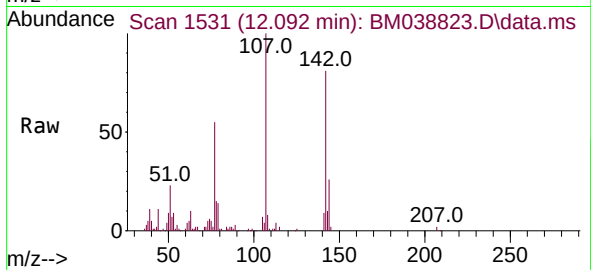
Tgt Ion:113 Resp: 22610
Ion Ratio Lower Upper
113 100
55 158.2 137.0 205.6
56 122.6 99.9 149.9





#35
4-Chloro-3-methylphenol
Concen: 4.172 ng/ul
RT: 12.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

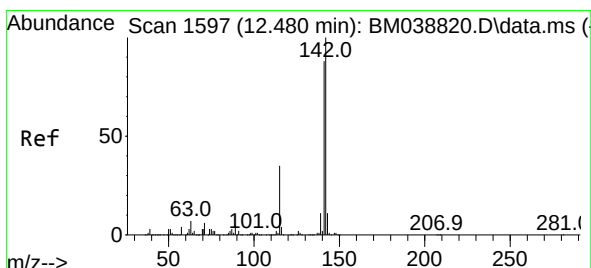
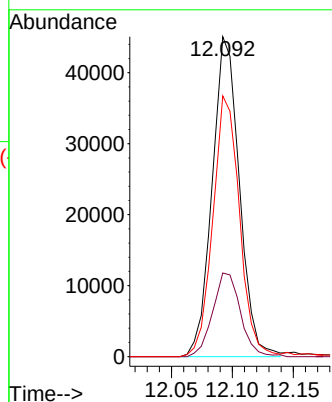
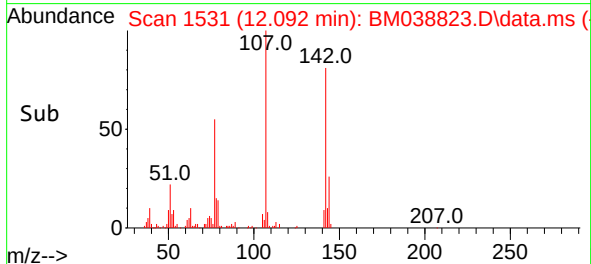
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:107 Resp: 70048
Ion Ratio Lower Upper
107 100
144 26.1 21.1 31.7
142 81.5 64.7 97.1

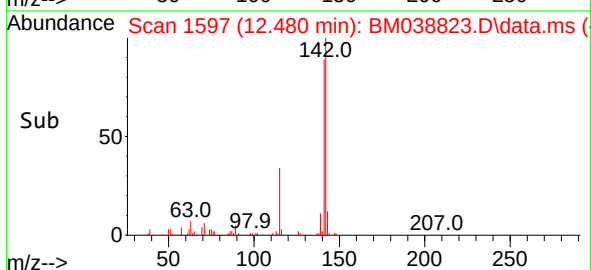
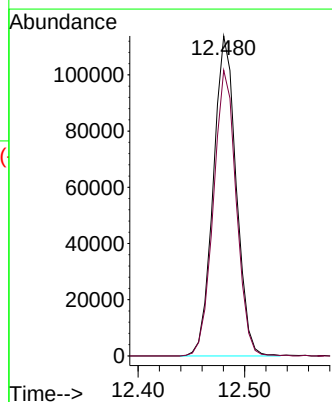
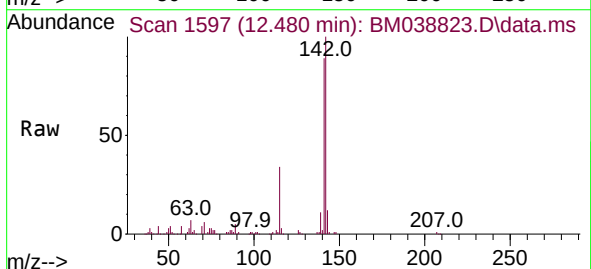
Manual Integrations
APPROVED

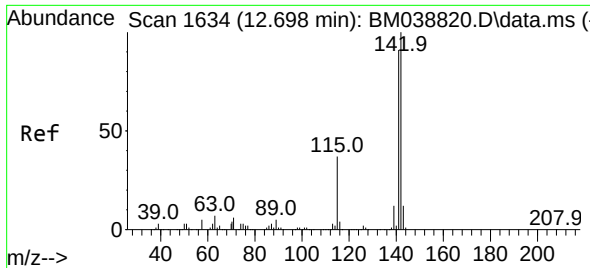
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#36
2-Methylnaphthalene
Concen: 4.774 ng/ul
RT: 12.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

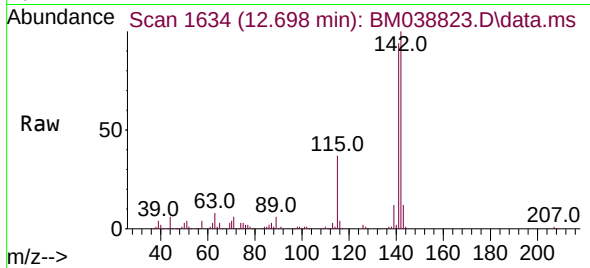
Tgt Ion:142 Resp: 170417
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6





#37
1-Methylnaphthalene
Concen: 3.806 ng/ul
RT: 12.698 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

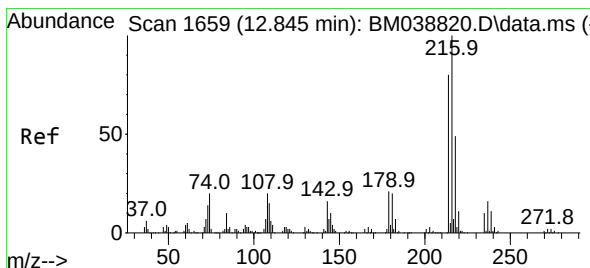
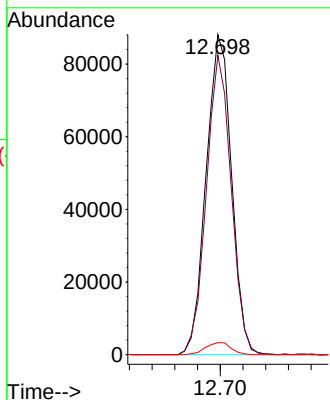
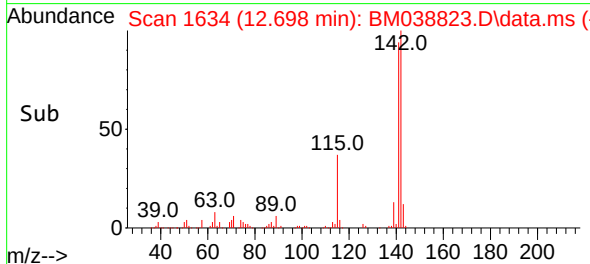
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:142 Resp: 136879
Ion Ratio Lower Upper
142 100
141 93.5 73.4 110.0
116 3.7 3.2 4.8

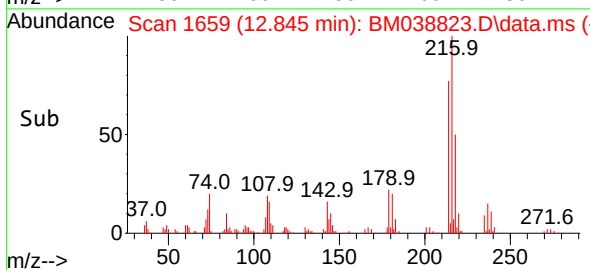
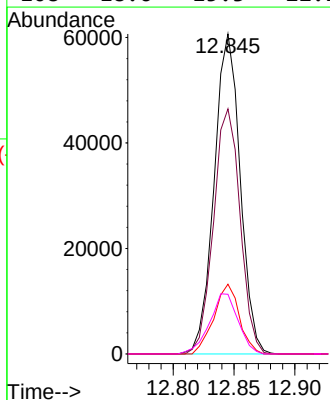
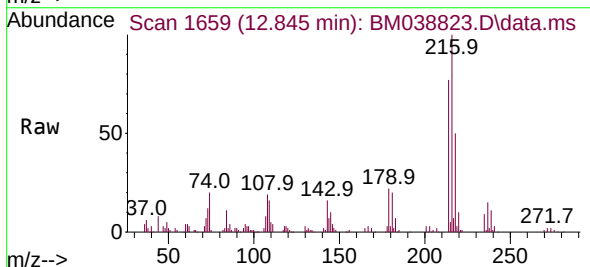
Manual Integrations
APPROVED

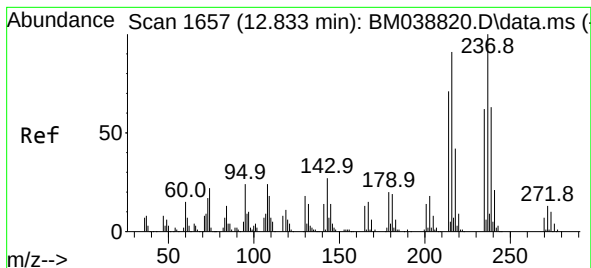
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.986 ng/ul
RT: 12.845 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

Tgt Ion:216 Resp: 90205
Ion Ratio Lower Upper
216 100
214 76.6 62.2 93.4
179 21.8 16.4 24.6
108 18.6 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 5.267 ng/ul

RT: 12.827 min Scan# 1656

Delta R.T. -0.006 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-01

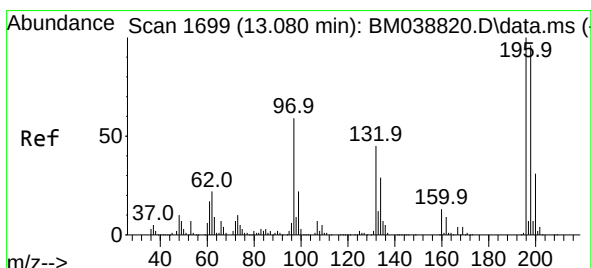
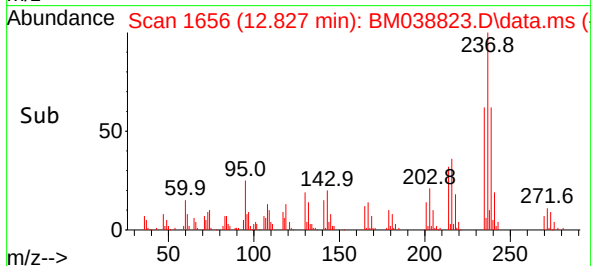
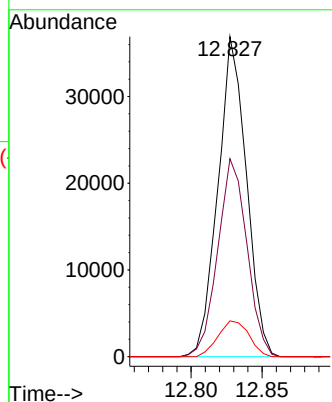
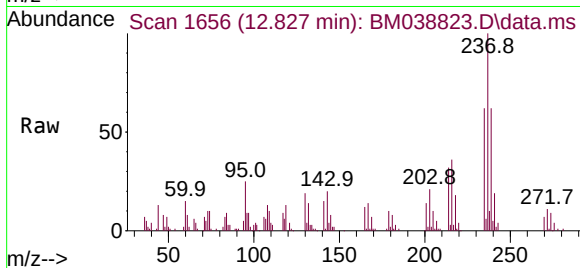
Tgt Ion:237	Resp:	5141
Ion Ratio	Lower	Upper
237	100	
235	61.8	48.1 72.1
272	11.7	10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#41

2,4,6-Trichlorophenol

Concen: 4.332 ng/ul

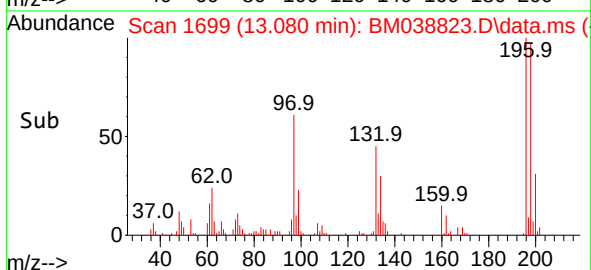
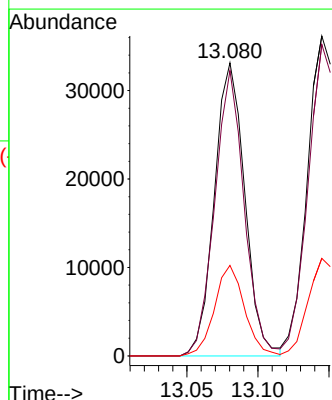
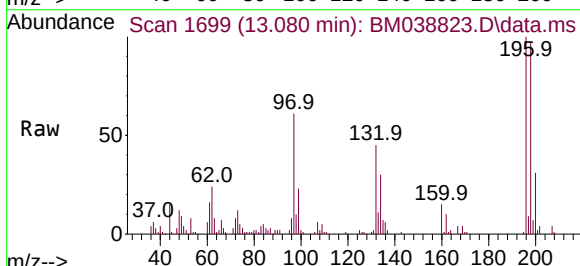
RT: 13.080 min Scan# 1699

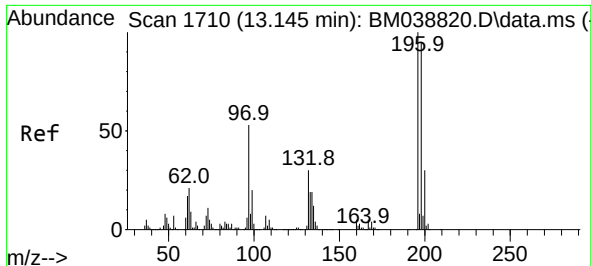
Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

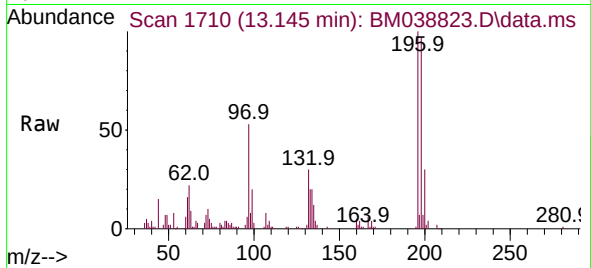
Tgt Ion:196	Resp:	49437
Ion Ratio	Lower	Upper
196	100	
198	97.4	74.8 112.2
200	30.9	24.3 36.5





#42
2,4,5-Trichlorophenol
Concen: 4.422 ng/ul m
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

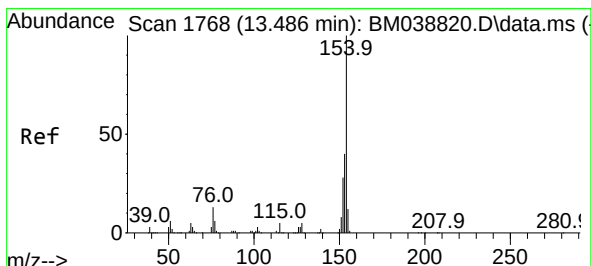
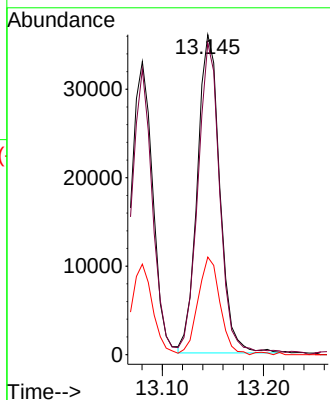
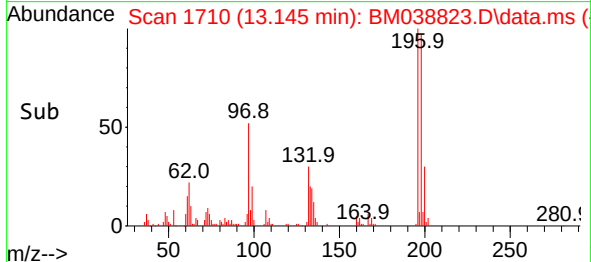
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



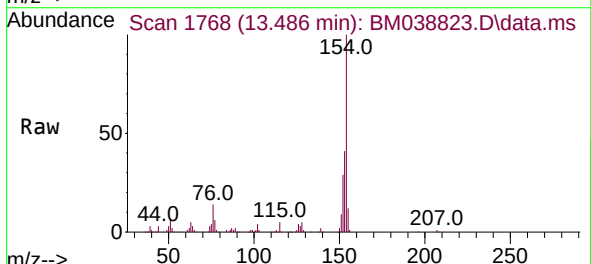
Tgt Ion:196 Resp: 55540
Ion Ratio Lower Upper
196 100
198 97.3 77.5 116.3
200 30.5 24.8 37.2

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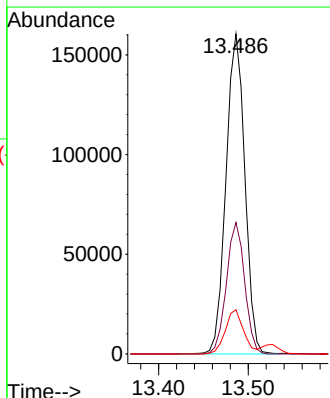
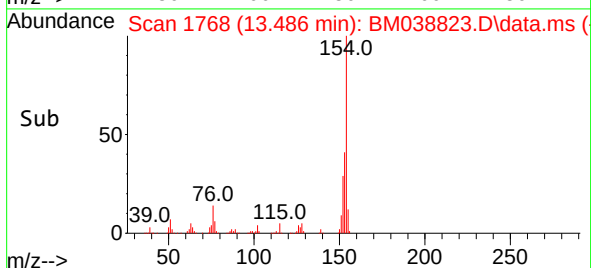
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

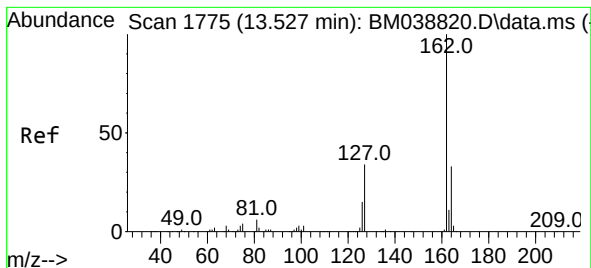


#43
1,1'-Biphenyl
Concen: 4.935 ng/ul
RT: 13.486 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30



Tgt Ion:154 Resp: 235419
Ion Ratio Lower Upper
154 100
153 41.1 31.3 46.9
76 13.8 11.0 16.6





#44

2-Chloronaphthalene

Concen: 4.895 ng/ul

RT: 13.527 min Scan# 1775

Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-01

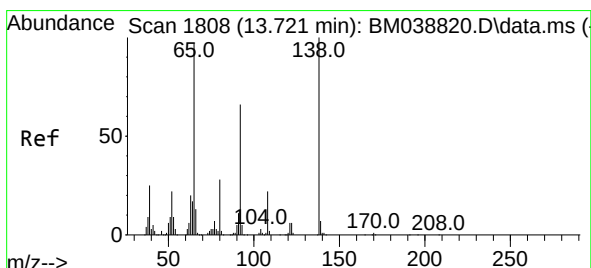
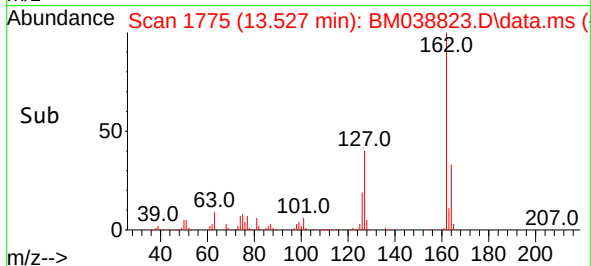
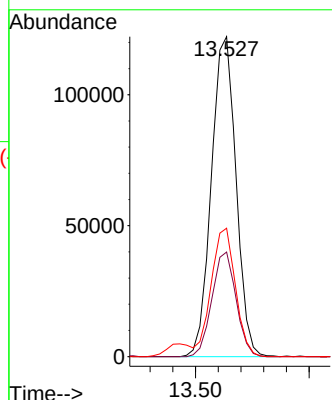
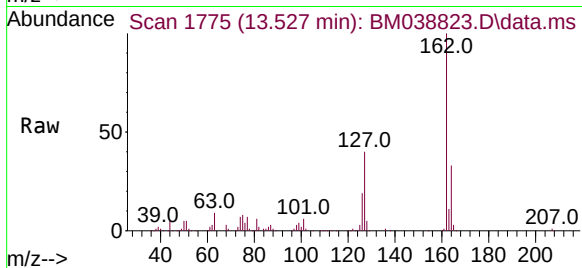
Tgt Ion:162	Resp:	184185
Ion Ratio	Lower	Upper
162	100	
164	32.7	26.6 40.0
127	40.1	31.5 47.3

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#45

2-Nitroaniline

Concen: 3.662 ng/ul

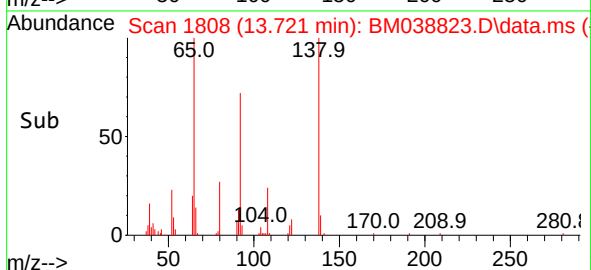
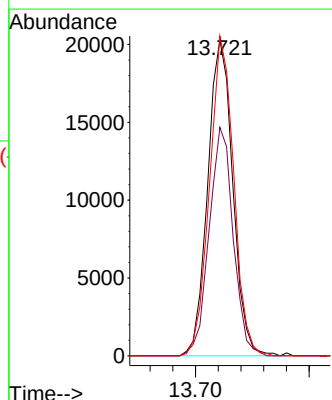
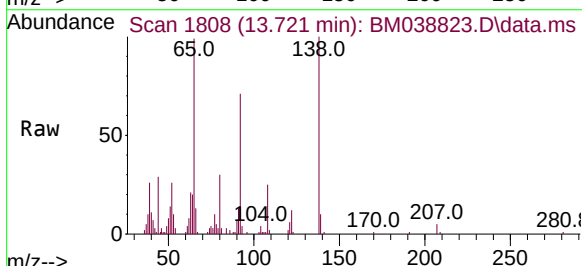
RT: 13.721 min Scan# 1808

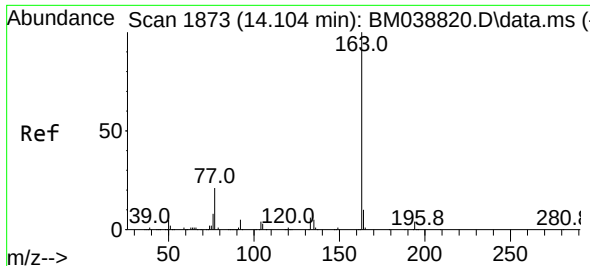
Delta R.T. -0.006 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

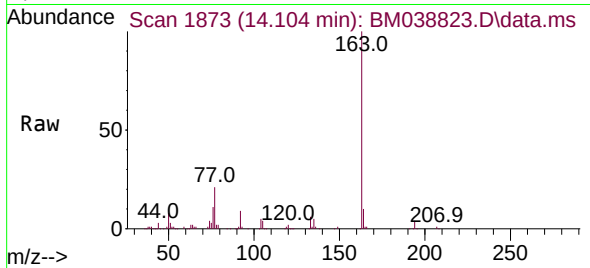
Tgt Ion: 65	Resp:	31093
Ion Ratio	Lower	Upper
65	100	
92	72.3	54.2 81.2
138	101.3	84.3 126.5





#47
Dimethylphthalate
Concen: 4.882 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

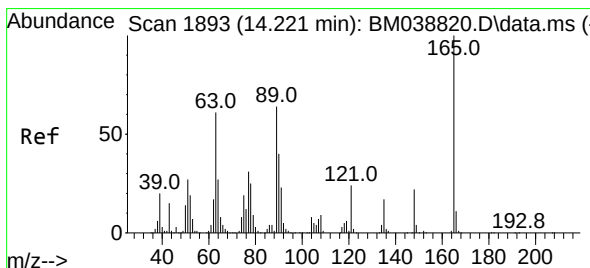
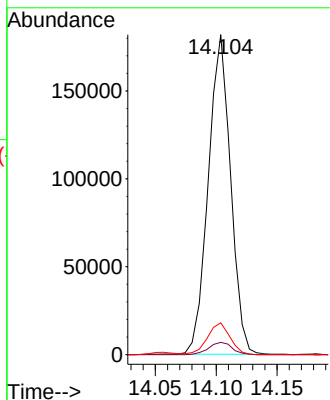
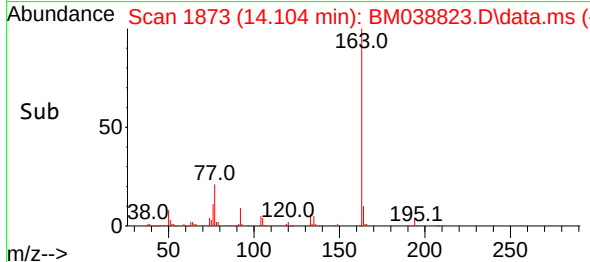
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



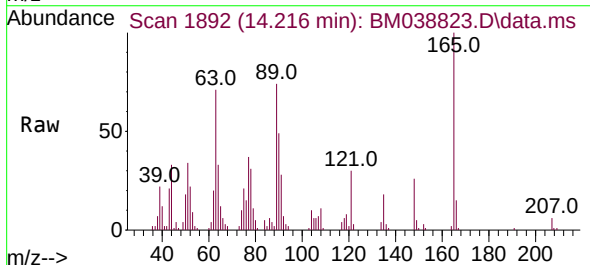
Tgt Ion:163 Resp: 231795
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 8.4 12.6

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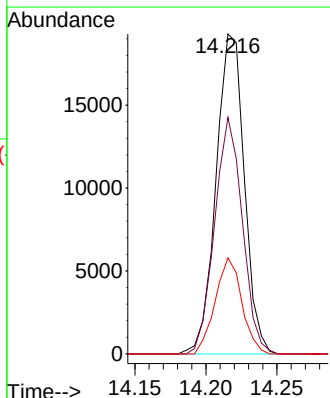
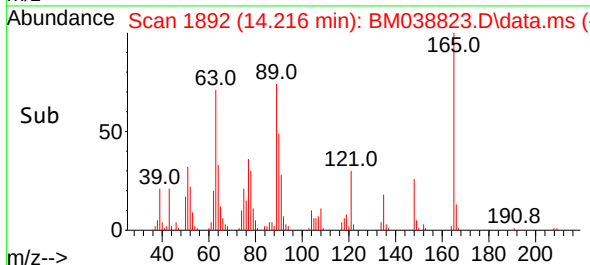
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

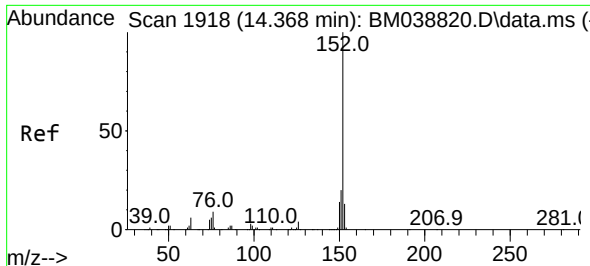


#48
2,6-Dinitrotoluene
Concen: 3.557 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30



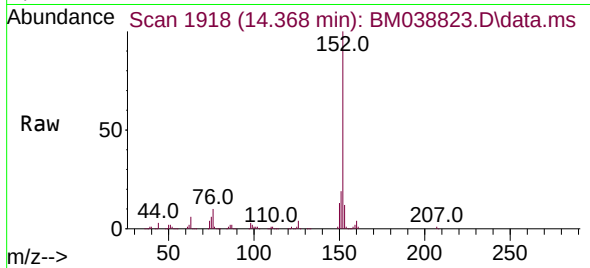
Tgt Ion:165 Resp: 26725
Ion Ratio Lower Upper
165 100
89 73.9 51.4 77.2
121 30.0 19.4 29.2#





#50
Acenaphthylene
Concen: 4.975 ng/ul
RT: 14.368 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

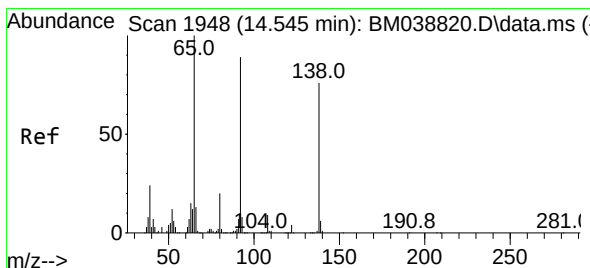
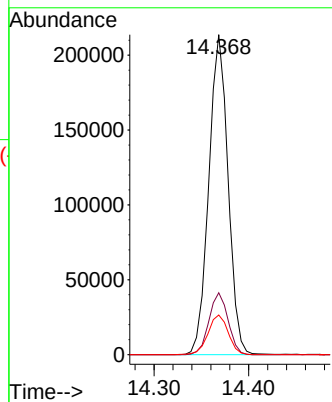
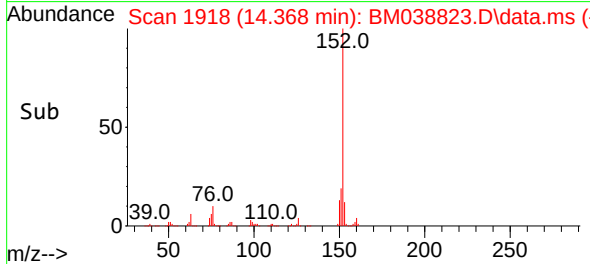
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2023-01



Tgt Ion:152 Resp: 302095
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 12.4 10.4 15.6

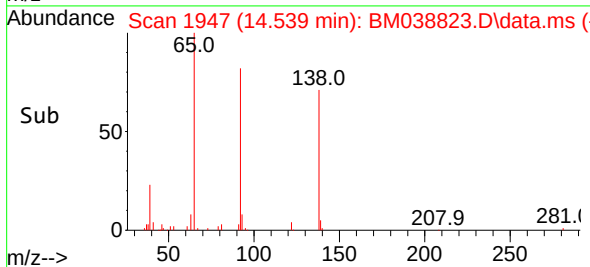
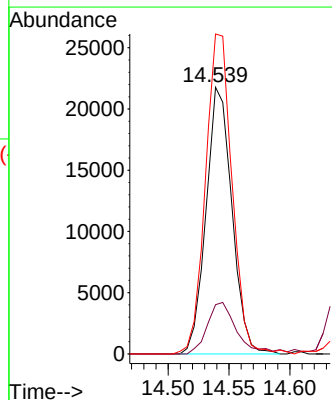
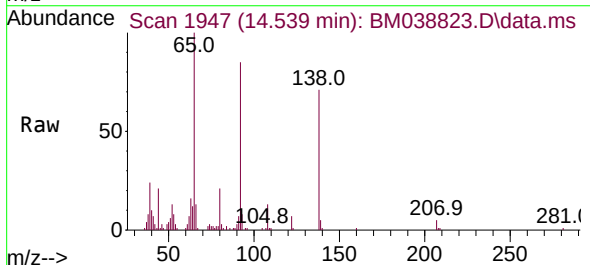
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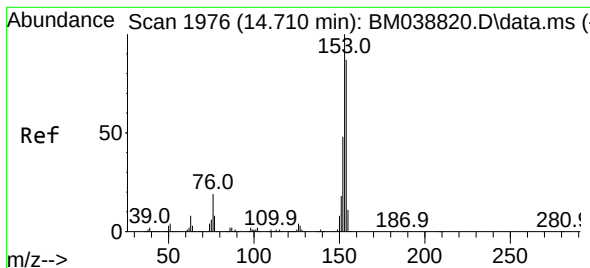
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#51
3-Nitroaniline
Concen: 3.417 ng/ul
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

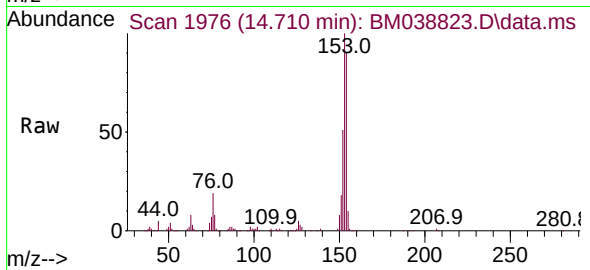
Tgt Ion:138 Resp: 32217
Ion Ratio Lower Upper
138 100
108 18.4 10.3 15.5#
92 120.0 97.7 146.5





#52
Acenaphthene
Concen: 4.870 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

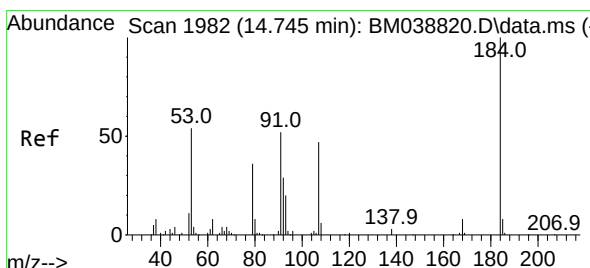
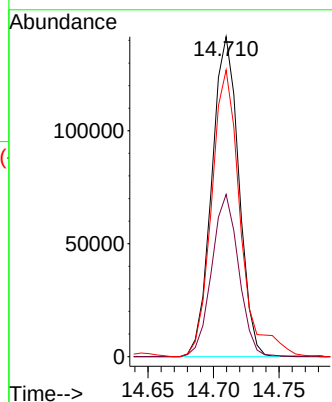
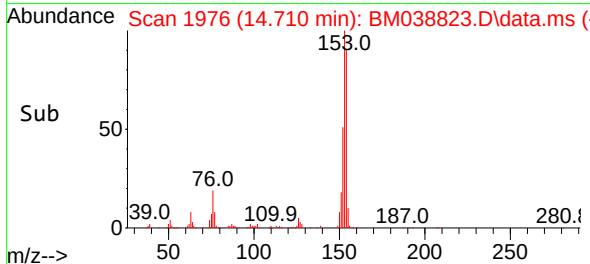
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



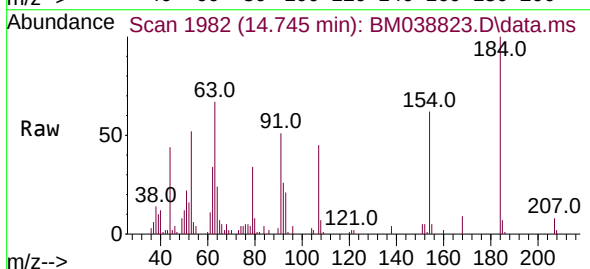
Tgt Ion:153 Resp: 203562
Ion Ratio Lower Upper
153 100
152 50.7 39.1 58.7
154 89.6 70.4 105.6

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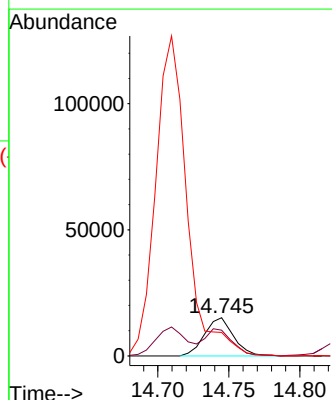
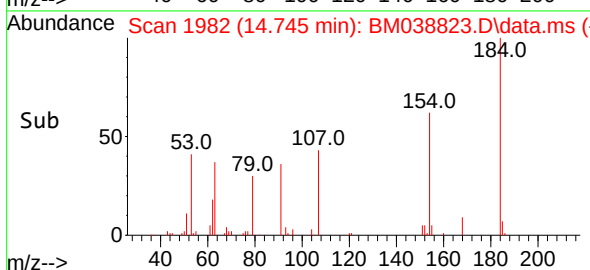
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

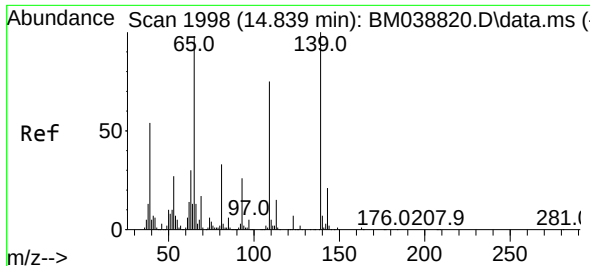


#53
2,4-Dinitrophenol
Concen: 5.018 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30



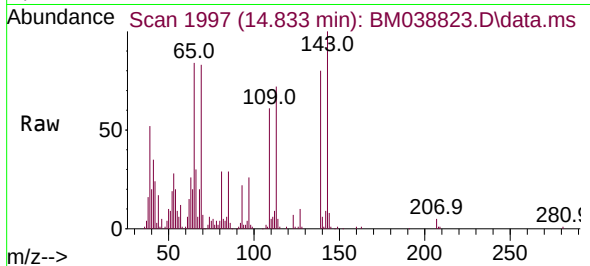
Tgt Ion:184 Resp: 21432
Ion Ratio Lower Upper
184 100
63 67.4 61.9 92.9
154 61.5 50.7 76.1





#55
4-Nitrophenol
Concen: 4.471 ng/ul m
RT: 14.833 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

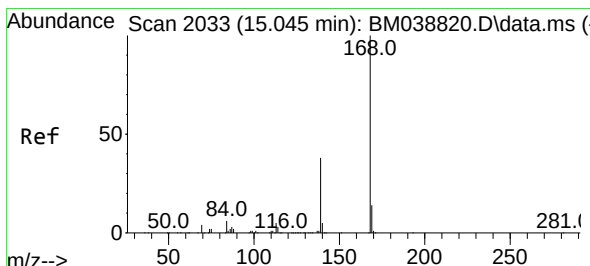
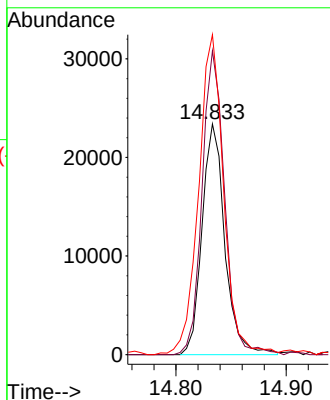
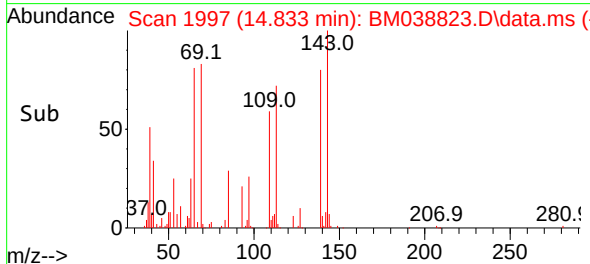
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:109 Resp: 33491
Ion Ratio Lower Upper
109 100
139 131.7 108.8 163.2
65 138.8 107.8 161.6

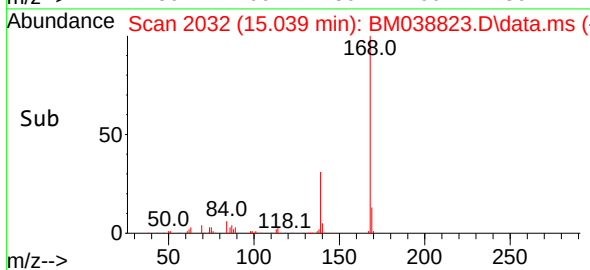
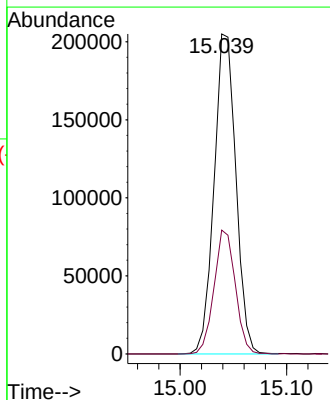
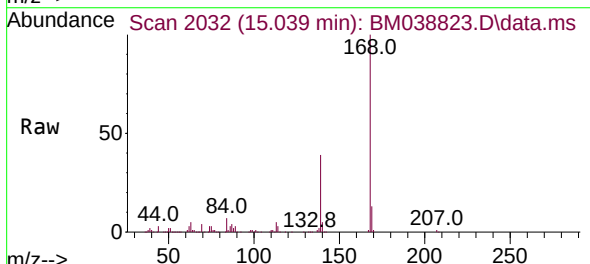
Manual Integrations
APPROVED

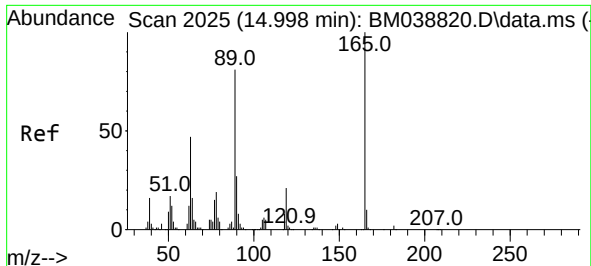
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#56
Dibenzofuran
Concen: 5.032 ng/ul
RT: 15.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

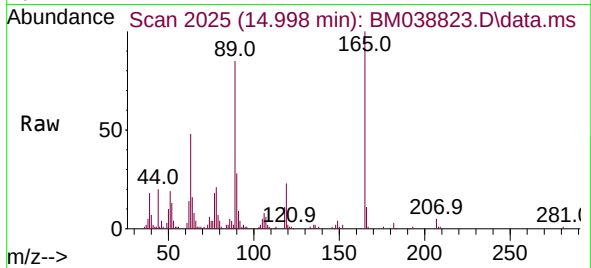
Tgt Ion:168 Resp: 292023
Ion Ratio Lower Upper
168 100
139 38.7 30.9 46.3





#57
2,4-Dinitrotoluene
Concen: 3.820 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

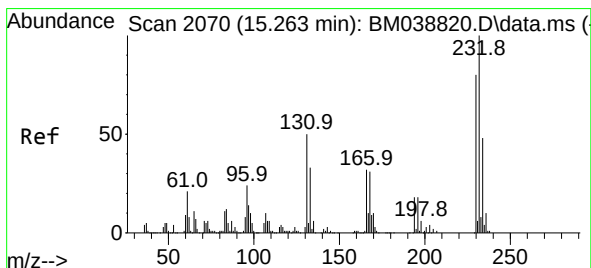
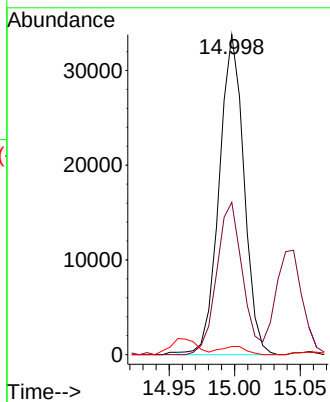
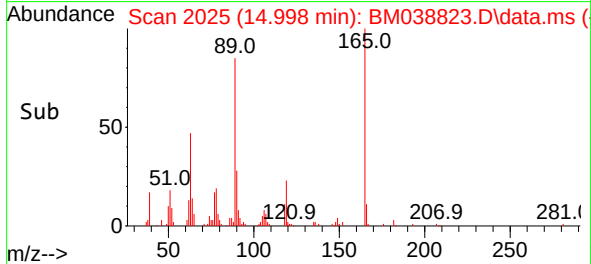
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:165 Resp: 44364
Ion Ratio Lower Upper
165 100
63 47.6 38.9 58.3
182 2.5 2.2 3.2

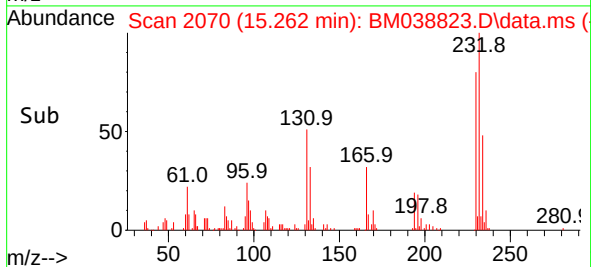
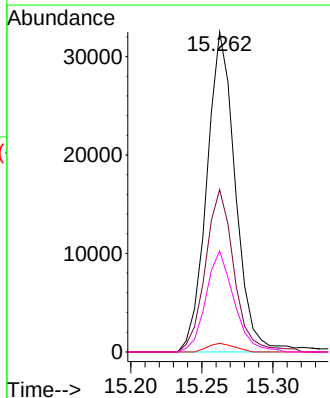
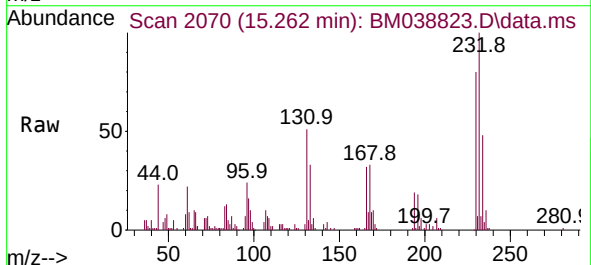
Manual Integrations
APPROVED

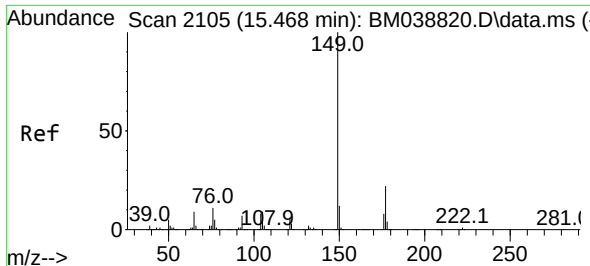
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.143 ng/ul
RT: 15.262 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

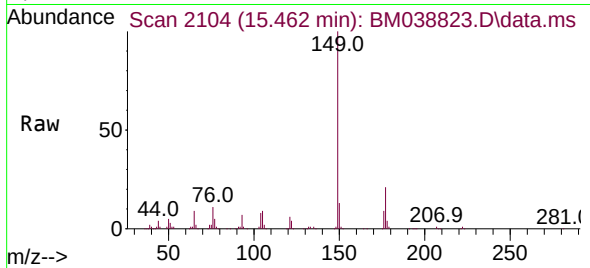
Tgt Ion:232 Resp: 45306
Ion Ratio Lower Upper
232 100
131 50.7 40.6 60.8
130 2.7 2.0 3.0
166 31.6 25.9 38.9





#59
Diethylphthalate
Concen: 4.616 ng/ul
RT: 15.462 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

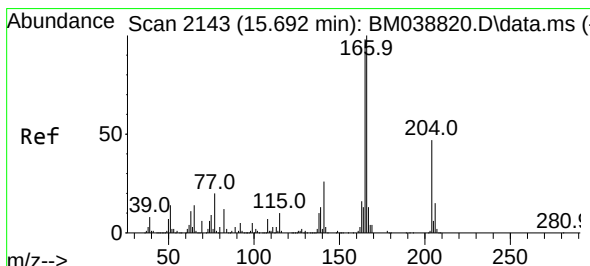
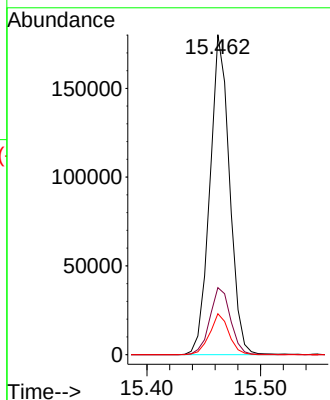
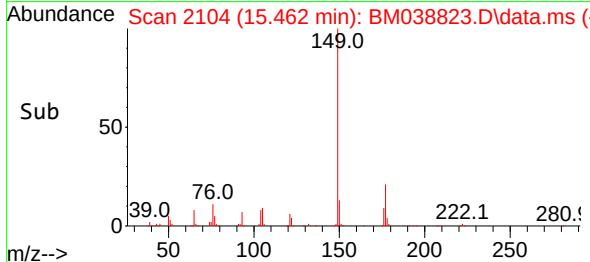
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:149 Resp: 216845
Ion Ratio Lower Upper
149 100
177 20.9 17.2 25.8
150 12.8 10.1 15.1

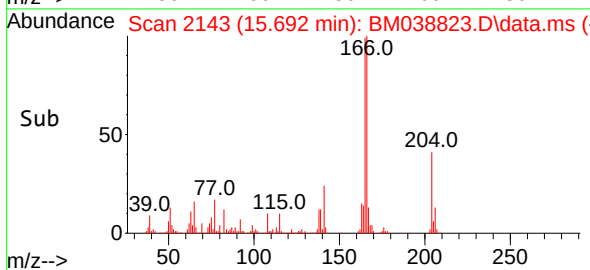
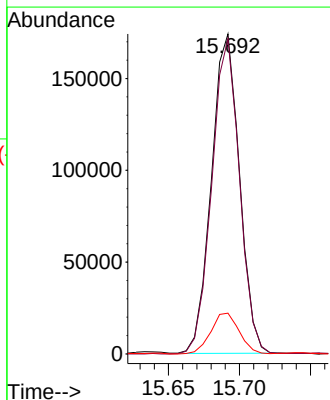
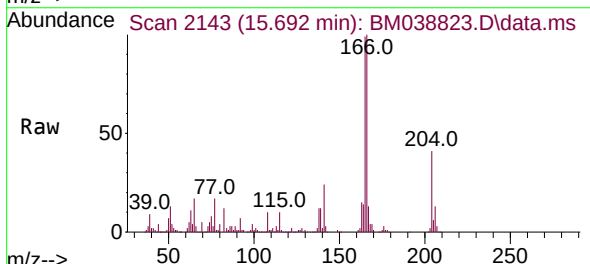
Manual Integrations
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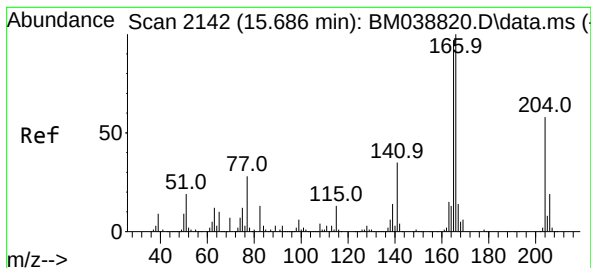
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#61
Fluorene
Concen: 4.916 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

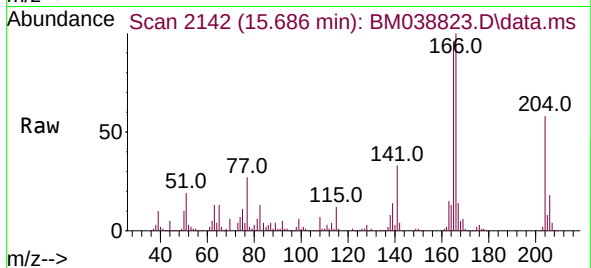
Tgt Ion:166 Resp: 239200
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.4
167 12.8 10.5 15.7





#62
4-Chlorophenyl-phenylether
Concen: 4.941 ng/ul
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

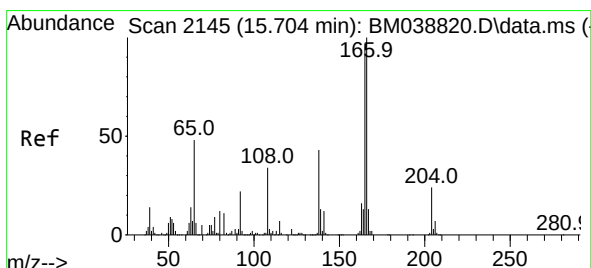
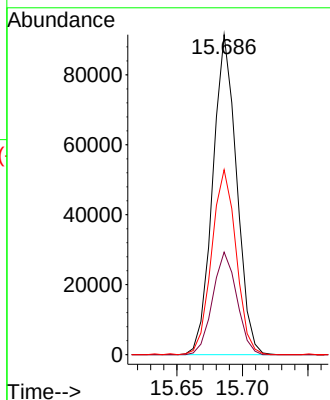
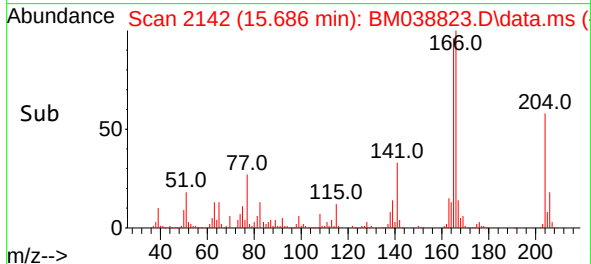
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



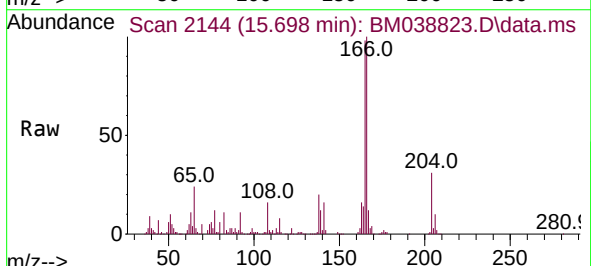
Tgt Ion:204 Resp: 116065
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 57.8 45.5 68.3

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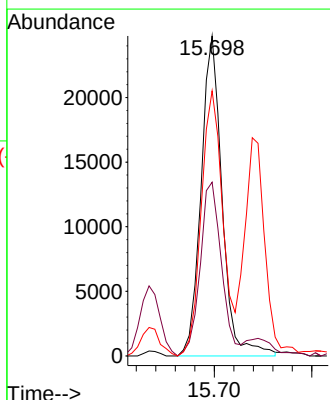
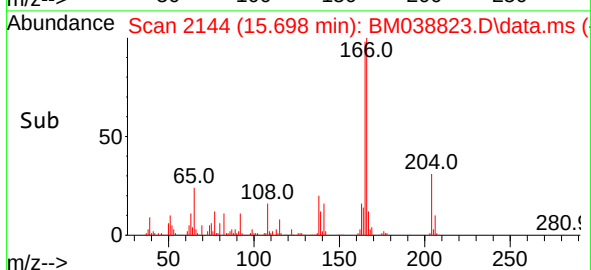
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

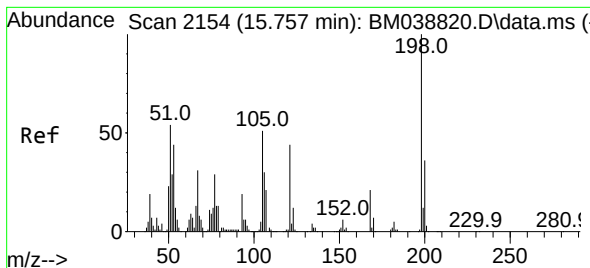


#63
4-Nitroaniline
Concen: 3.795 ng/ul m
RT: 15.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30



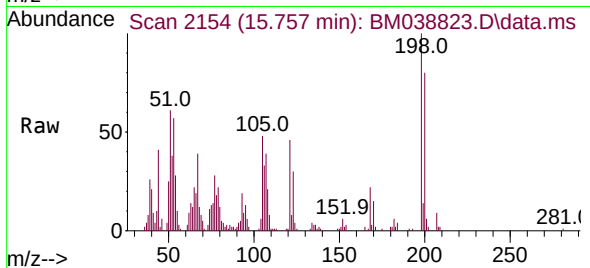
Tgt Ion:138 Resp: 37007
Ion Ratio Lower Upper
138 100
92 54.3 41.8 62.8
108 82.8 65.0 97.6





#66
4,6-Dinitro-2-methylphenol
Concen: 3.865 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

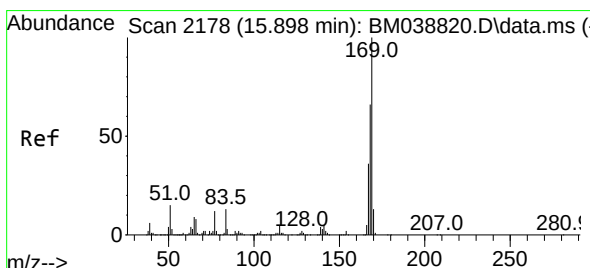
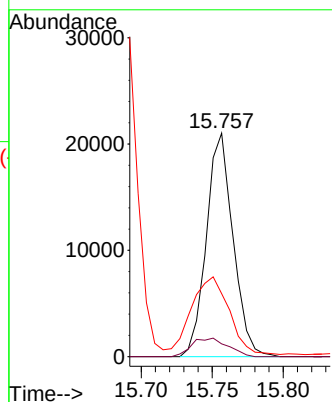
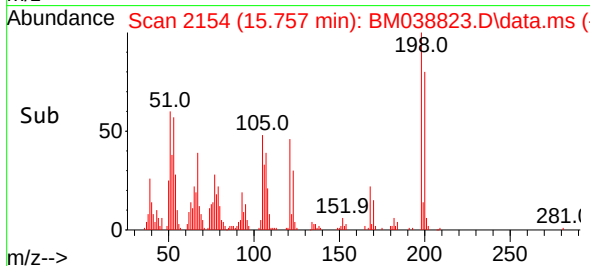
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:198 Resp: 27452
Ion Ratio Lower Upper
198 100
182 5.7 3.5 5.3
77 28.1 21.0 31.6

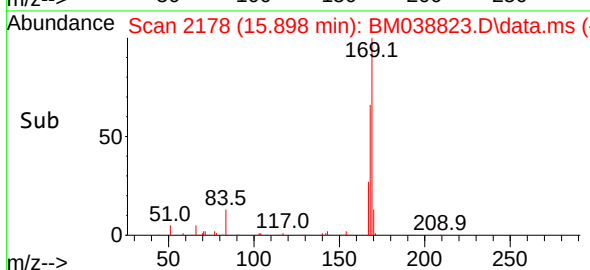
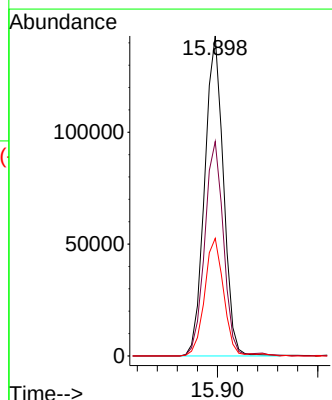
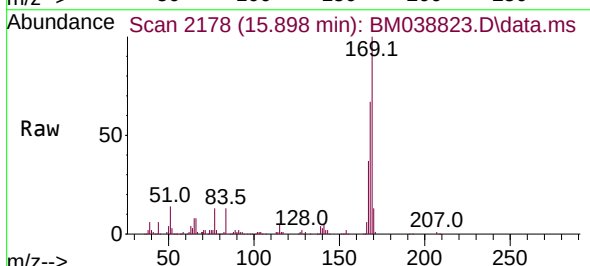
Manual Integrations
APPROVED

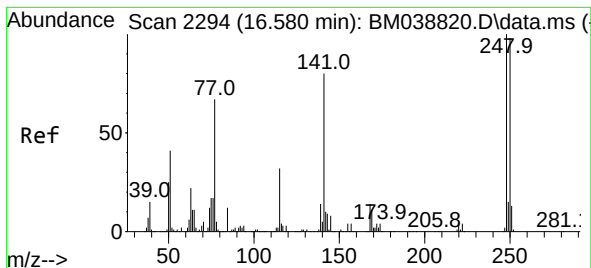
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#67
N-Nitrosodiphenylamine
Concen: 4.643 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

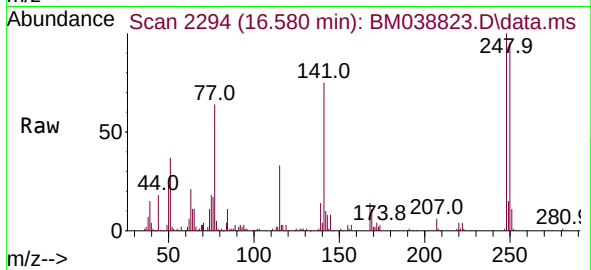
Tgt Ion:169 Resp: 185388
Ion Ratio Lower Upper
169 100
168 67.0 53.5 80.3
167 36.7 29.1 43.7





#68
4-Bromophenyl-phenylether
Concen: 4.732 ng/ul
RT: 16.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

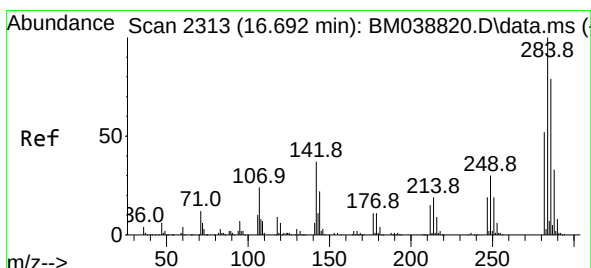
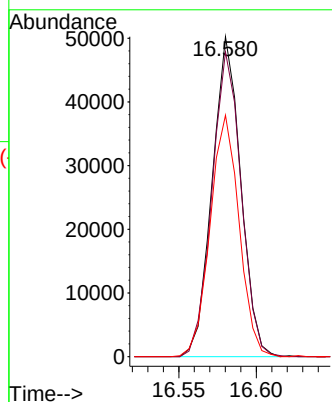
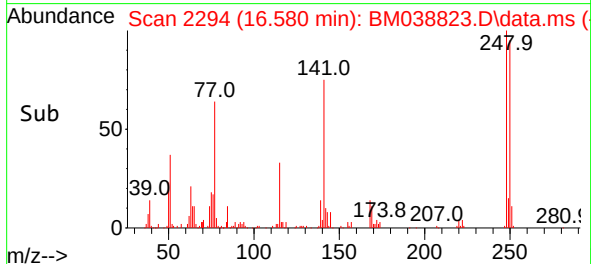
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



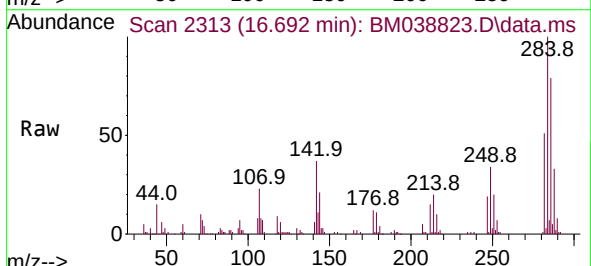
Tgt Ion:248 Resp: 64300
Ion Ratio Lower Upper
248 100
250 95.2 77.6 116.4
141 75.4 63.7 95.5

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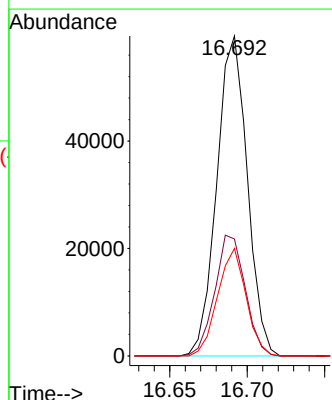
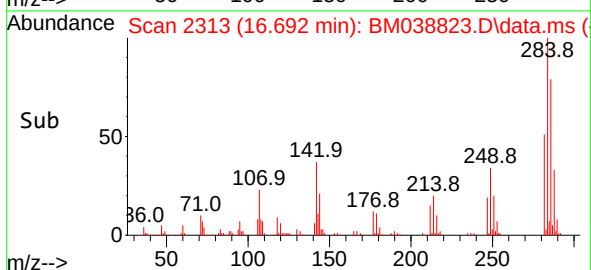
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

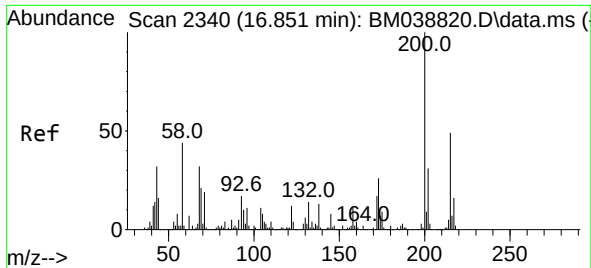


#69
Hexachlorobenzene
Concen: 4.954 ng/ul
RT: 16.692 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30



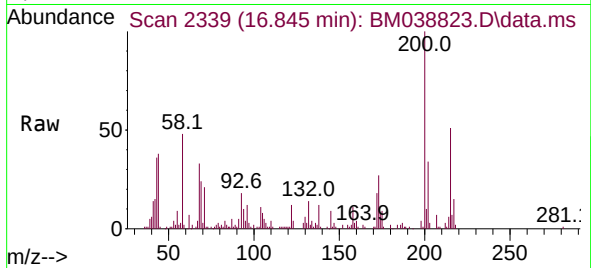
Tgt Ion:284 Resp: 81542
Ion Ratio Lower Upper
284 100
142 36.5 29.4 44.2
249 33.6 24.0 36.0





#70
Atrazine
Concen: 3.846 ng/ul
RT: 16.845 min Scan# 2339
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

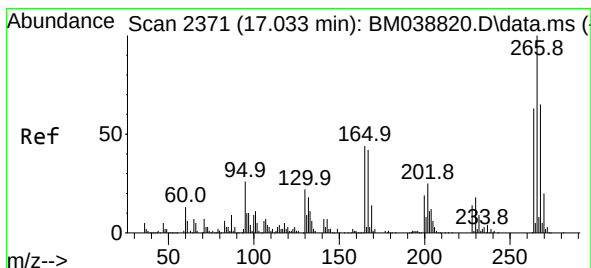
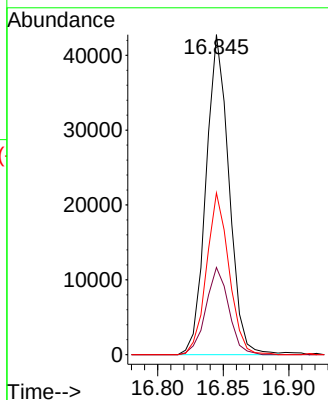
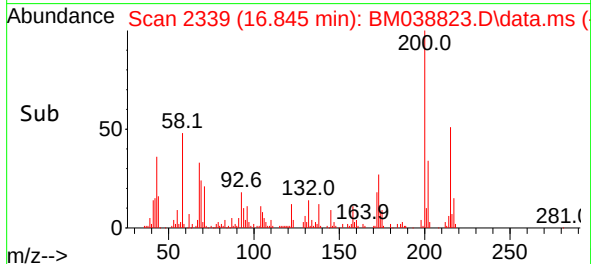
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



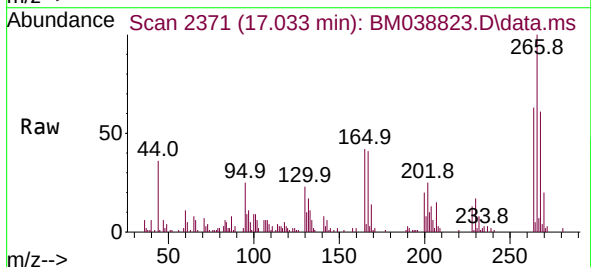
Tgt Ion:200 Resp: 51948
Ion Ratio Lower Upper
200 100
173 27.2 21.3 31.9
215 50.5 38.0 57.0

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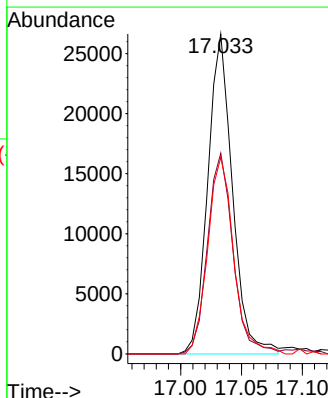
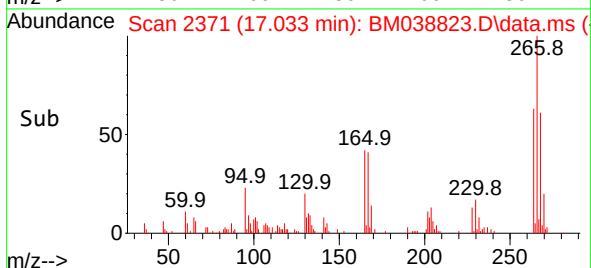
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

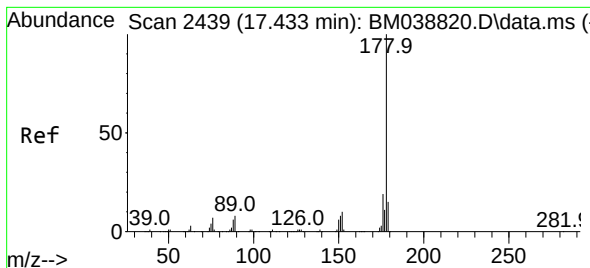


#71
Pentachlorophenol
Concen: 3.759 ng/ul
RT: 17.033 min Scan# 2371
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30



Tgt Ion:266 Resp: 37621
Ion Ratio Lower Upper
266 100
264 68.1 51.0 76.6
268 61.4 51.7 77.5





#72

Phenanthrene

Concen: 4.974 ng/ul

RT: 17.427 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

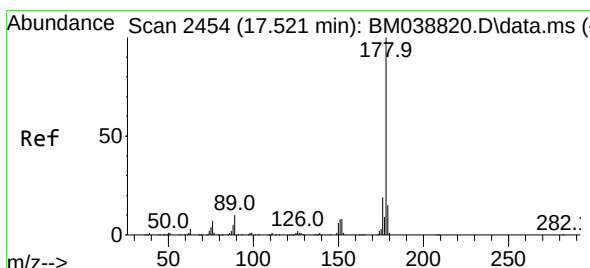
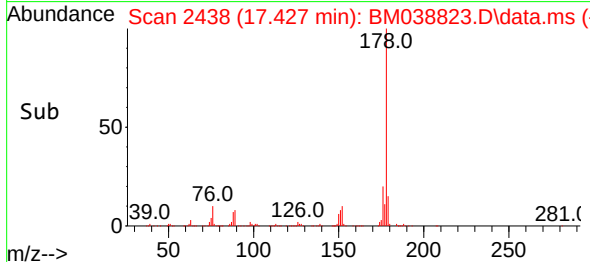
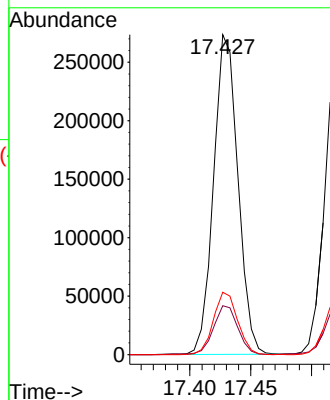
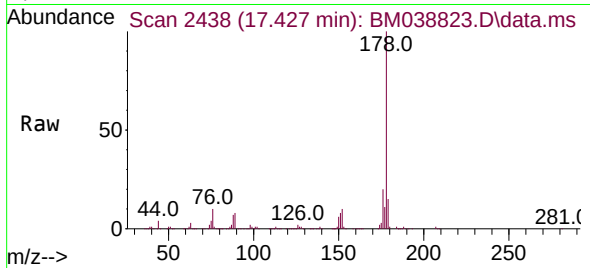
MDL-SOIL-QT1-2023-01

Tgt Ion:178 Resp: 379403
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.5 15.7 23.5

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/03/2023



#74

Anthracene

Concen: 4.682 ng/ul

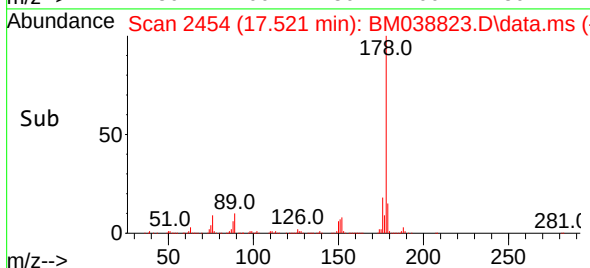
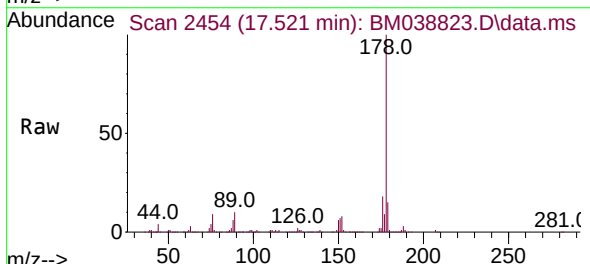
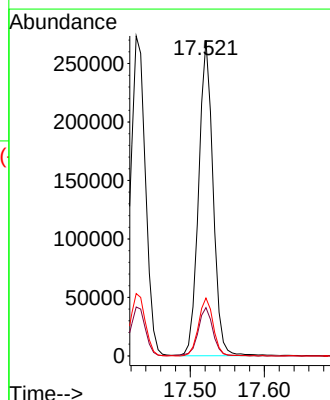
RT: 17.521 min Scan# 2454

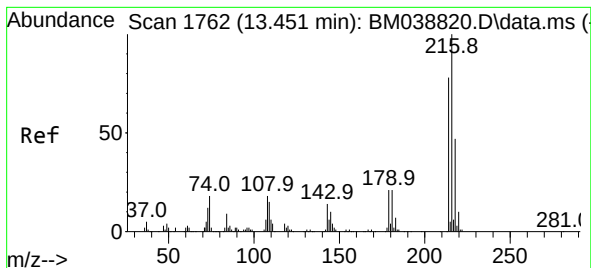
Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

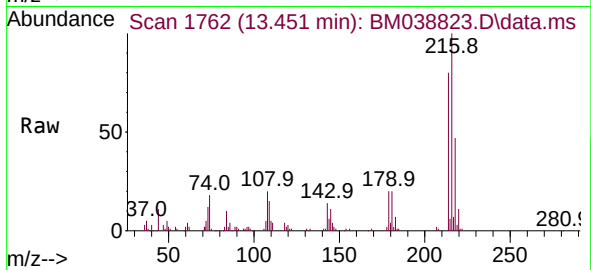
Tgt Ion:178 Resp: 363679
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.5 18.7
 176 18.4 14.9 22.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.803 ng/uL
RT: 13.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

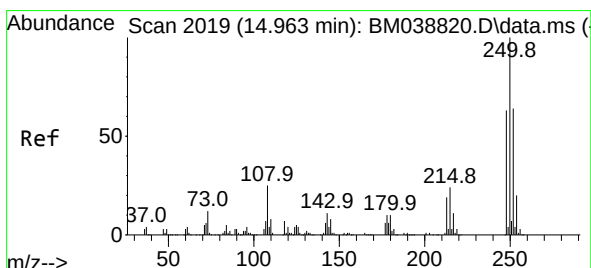
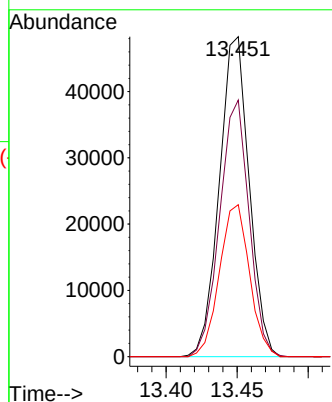
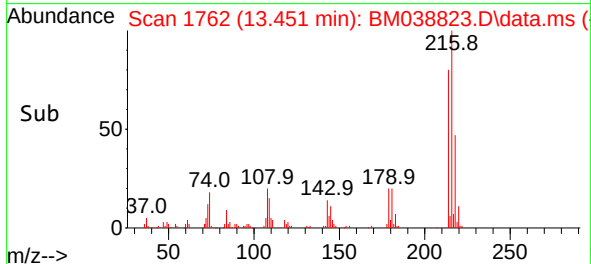
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



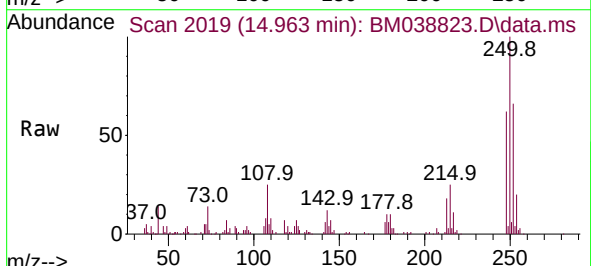
Tgt Ion:216 Resp: 70765
Ion Ratio Lower Upper
216 100
214 80.2 62.4 93.6
218 47.5 38.8 58.2

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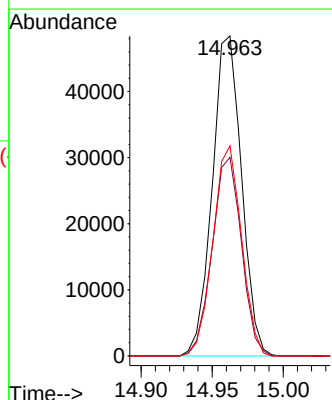
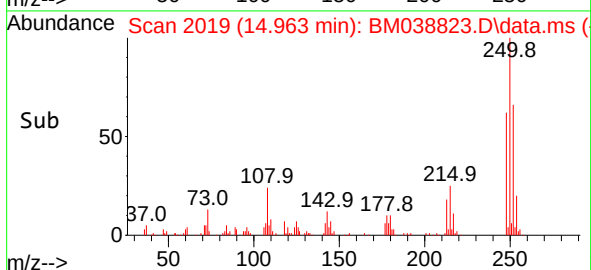
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

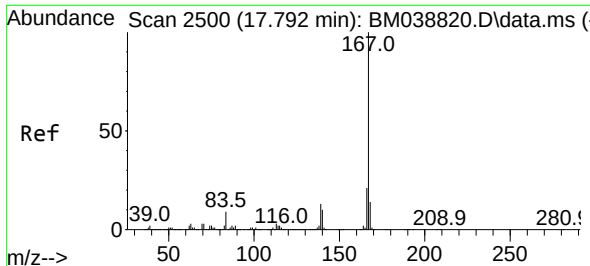


#76
Pentachlorobenzene
Concen: 3.637 ng/uL
RT: 14.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30



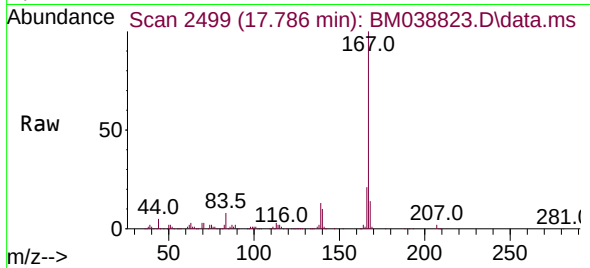
Tgt Ion:250 Resp: 69535
Ion Ratio Lower Upper
250 100
248 62.1 49.6 74.4
252 65.6 51.2 76.8





#77
 Carbazole
 Concen: 4.498 ng/ul
 RT: 17.786 min Scan# 2499
 Delta R.T. -0.006 min
 Lab File: BM038823.D
 Acq: 01 Mar 2023 11:30

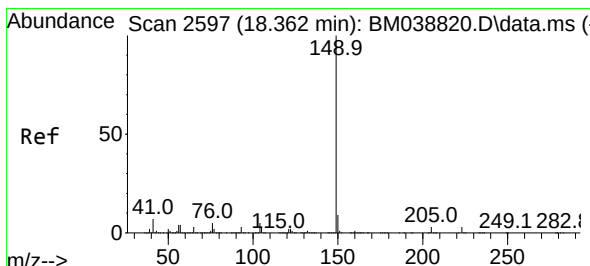
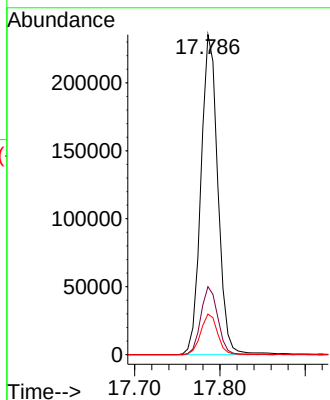
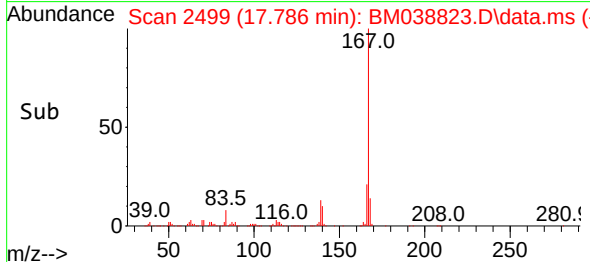
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2023-01



Tgt Ion:167 Resp: 324390
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.7 10.6 16.0

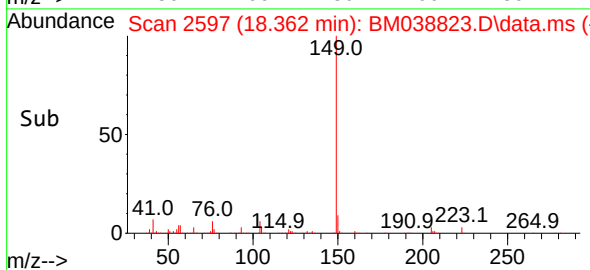
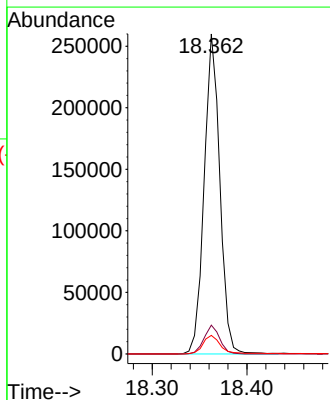
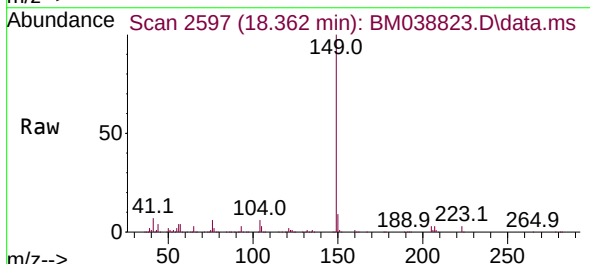
Manual Integrations
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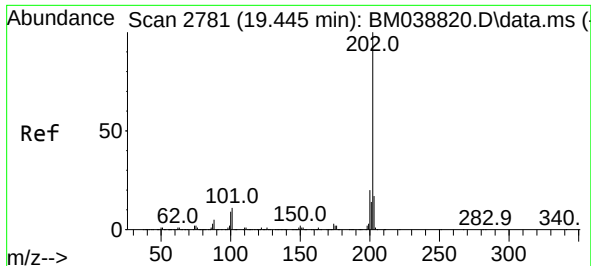
Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/03/2023



#78
 Di-n-butylphthalate
 Concen: 4.079 ng/ul
 RT: 18.362 min Scan# 2597
 Delta R.T. -0.006 min
 Lab File: BM038823.D
 Acq: 01 Mar 2023 11:30

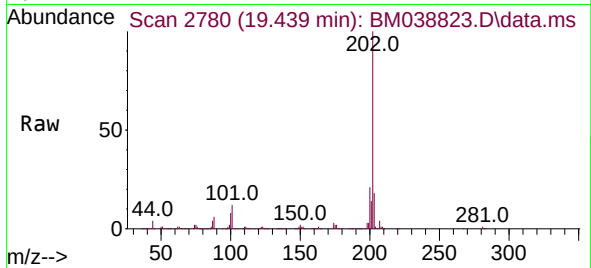
Tgt Ion:149 Resp: 299270
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.8 4.2 6.4





#80
Fluoranthene
Concen: 4.829 ng/ul
RT: 19.439 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

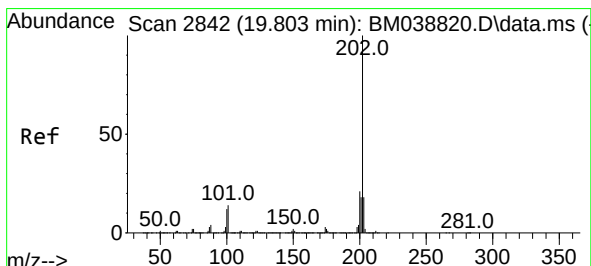
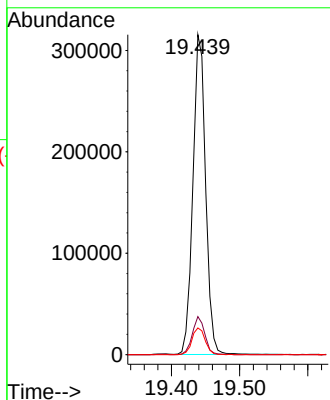
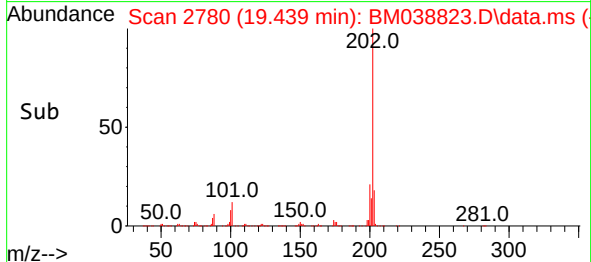
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:202 Resp: 408937
Ion Ratio Lower Upper
202 100
101 11.9 9.0 13.4
100 8.4 6.9 10.3

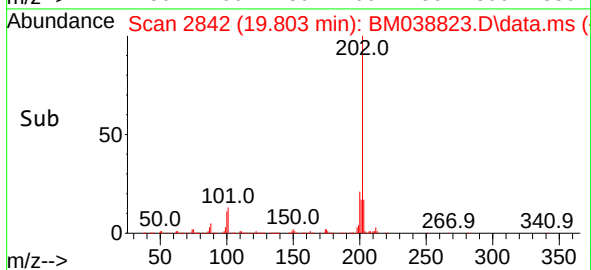
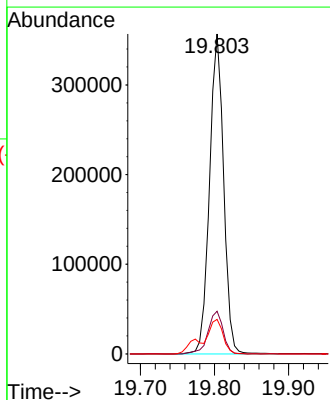
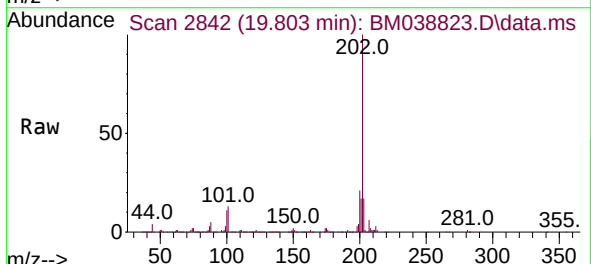
Manual Integrations
APPROVED

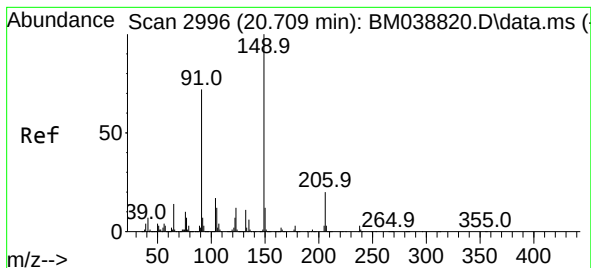
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#82
Pyrene
Concen: 5.078 ng/ul
RT: 19.803 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

Tgt Ion:202 Resp: 471513
Ion Ratio Lower Upper
202 100
101 13.3 11.2 16.8
100 10.8 9.1 13.7





#83

Butylbenzylphthalate

Concen: 3.843 ng/ul

RT: 20.709 min Scan# 2996

Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-01

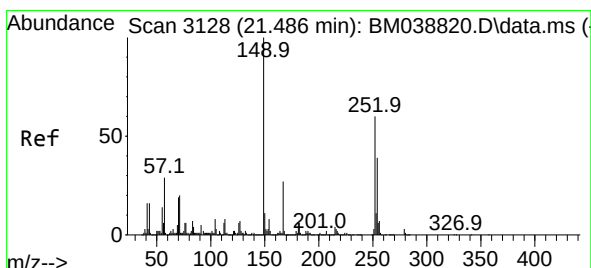
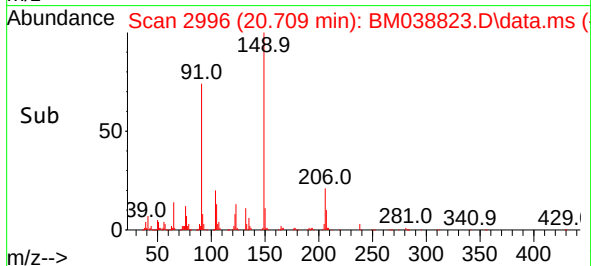
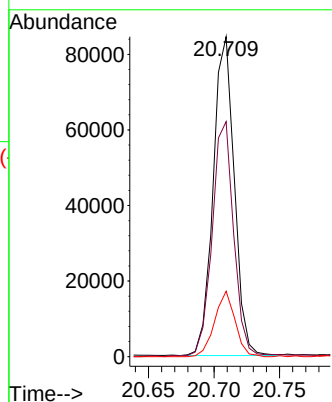
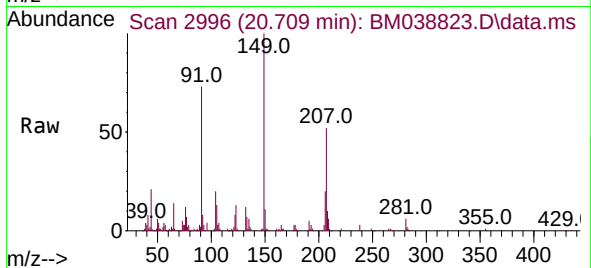
Tgt Ion:	149	Resp:	94806
Ion Ratio	Lower	Upper	
149	100		
91	73.4	60.5	90.7
206	20.4	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.559 ng/ul

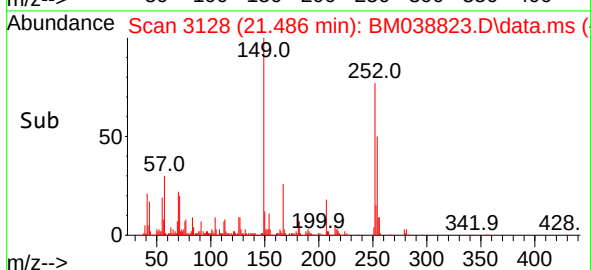
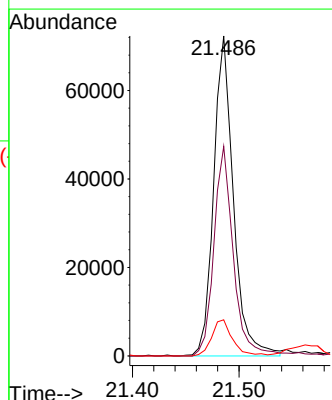
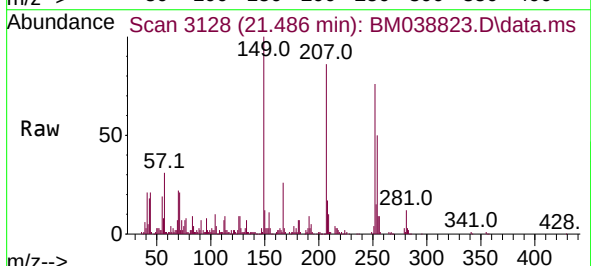
RT: 21.486 min Scan# 3128

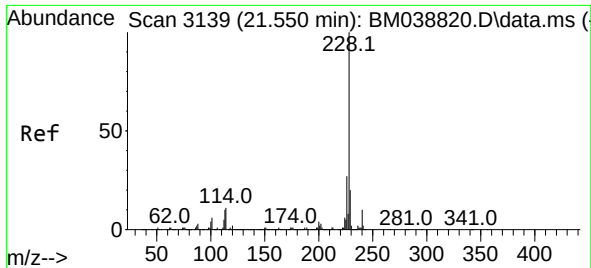
Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

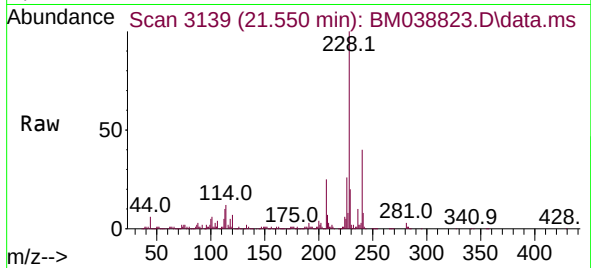
Tgt Ion:	252	Resp:	93357
Ion Ratio	Lower	Upper	
252	100		
254	65.5	51.8	77.6
126	11.3	9.0	13.4





#85
Benzo(a)anthracene
Concen: 4.811 ng/ul
RT: 21.550 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

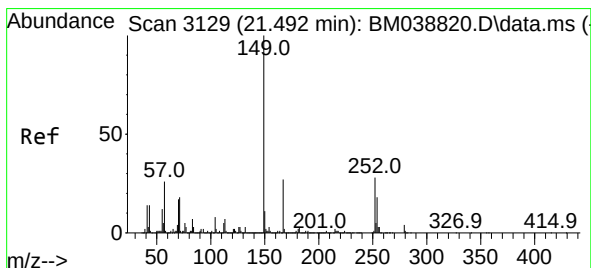
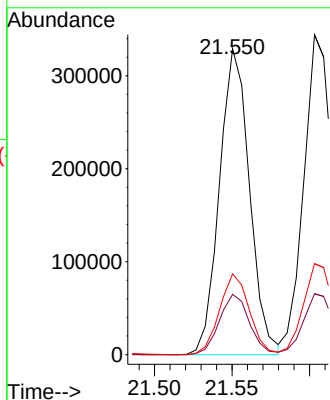
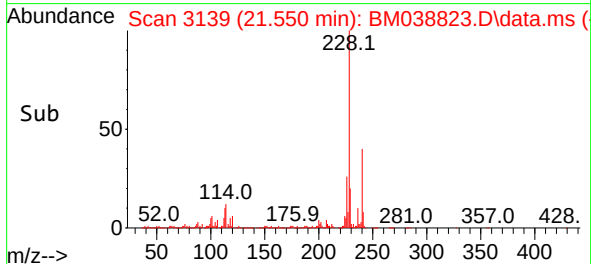
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2023-01



Tgt Ion:228 Resp: 444963
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 26.4 21.4 32.2

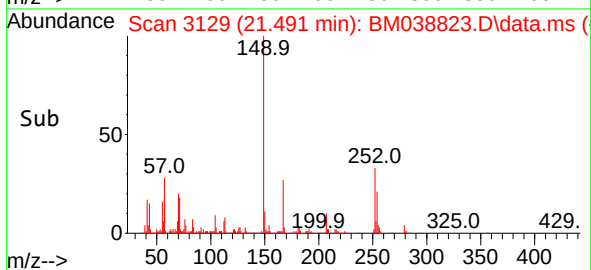
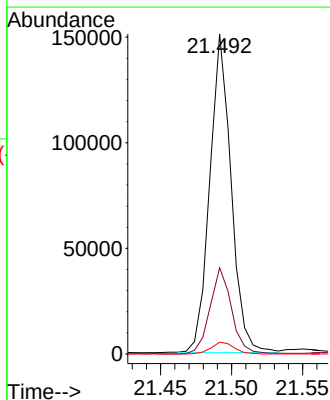
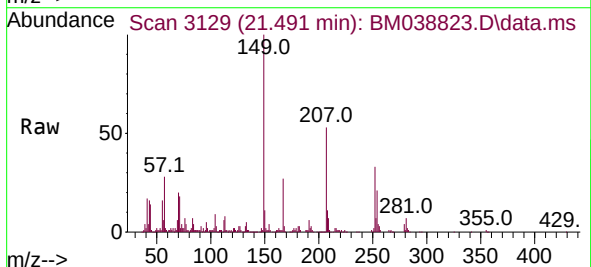
Manual Integrations
APPROVED

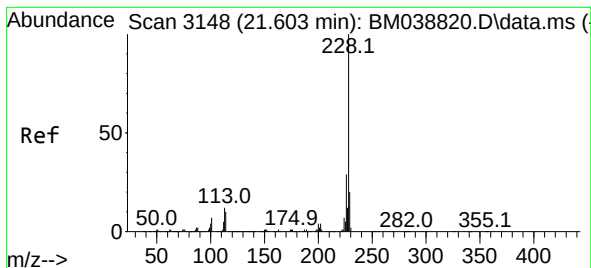
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.857 ng/ul
RT: 21.491 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BM038823.D
Acq: 01 Mar 2023 11:30

Tgt Ion:149 Resp: 158186
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.2
279 3.7 3.1 4.7





#87

Chrysene

Concen: 4.954 ng/ul

RT: 21.603 min Scan# 3148

Delta R.T. -0.006 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-01

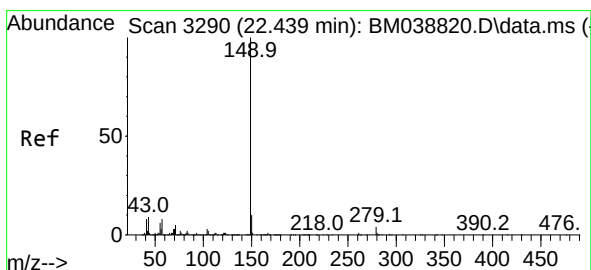
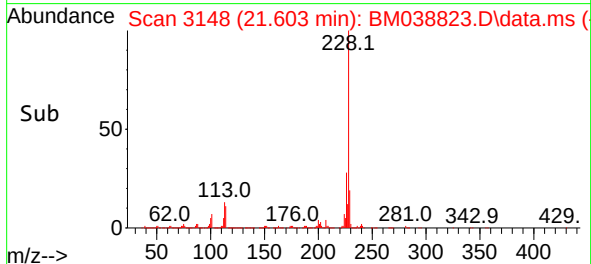
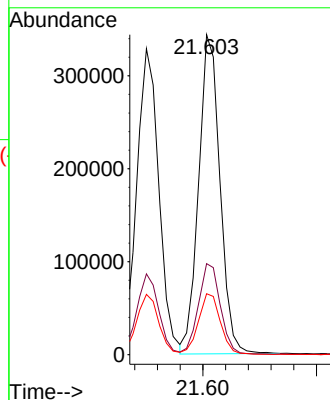
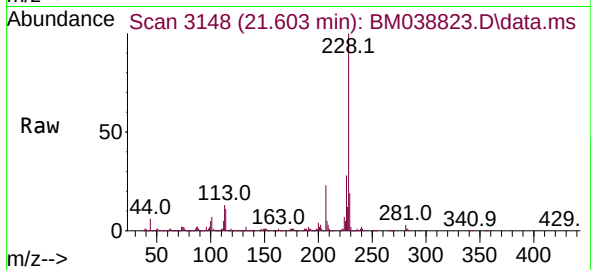
Tgt Ion:228 Resp: 448079
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.6 35.4
 229 19.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#89

Di-n-octyl phthalate

Concen: 3.165 ng/ul

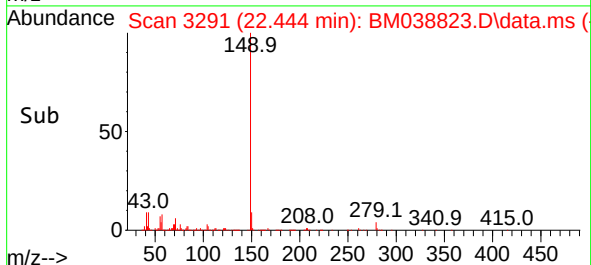
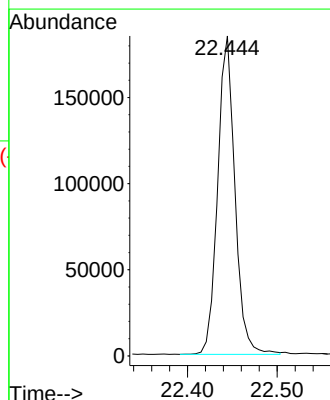
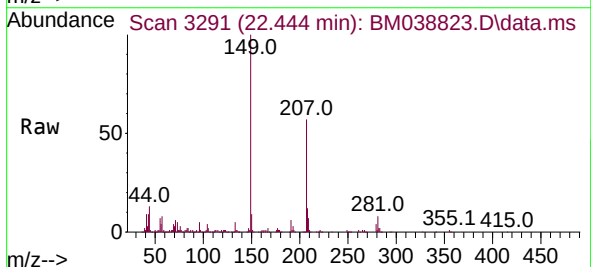
RT: 22.444 min Scan# 3291

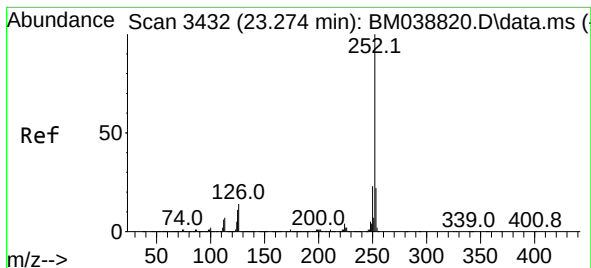
Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Tgt Ion:149 Resp: 247713





#90

Benzo(b)fluoranthene

Concen: 4.666 ng/ul

RT: 23.274 min Scan# 3432

Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-01

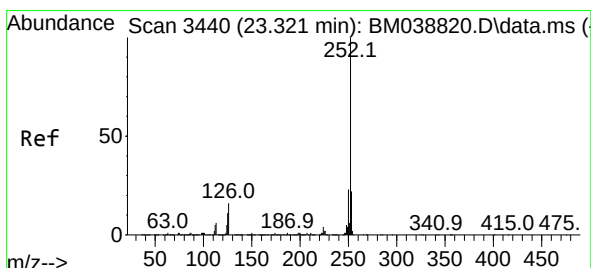
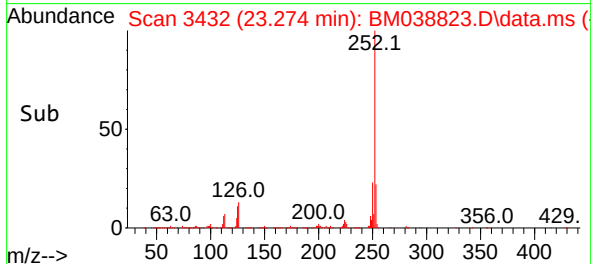
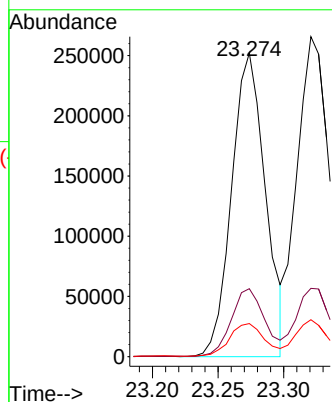
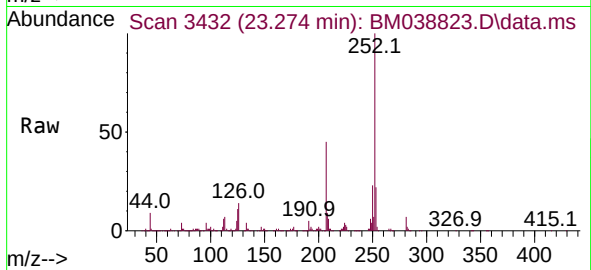
Tgt Ion:252 Resp: 450944
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.2 25.8
 125 10.9 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#91

Benzo(k)fluoranthene

Concen: 4.758 ng/ul

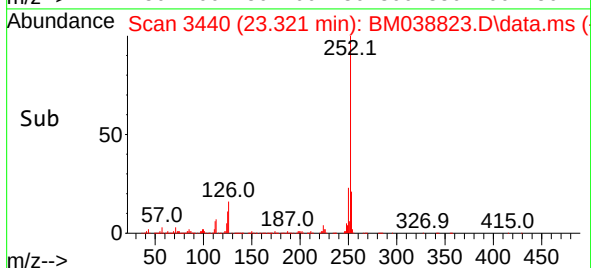
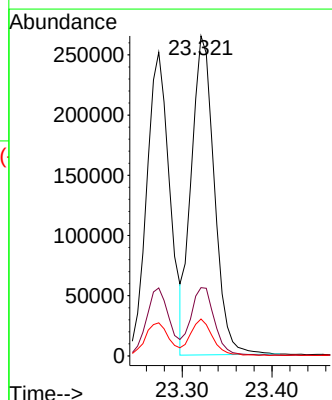
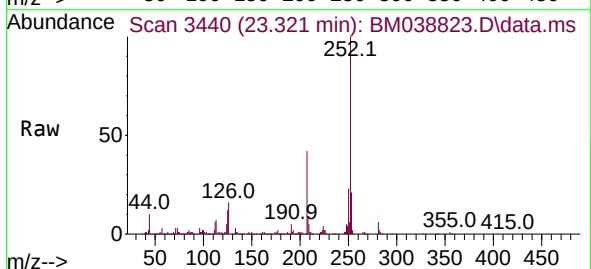
RT: 23.321 min Scan# 3440

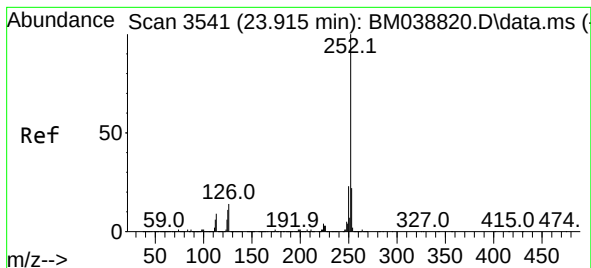
Delta R.T. -0.006 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Tgt Ion:252 Resp: 472419
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.7 26.5
 125 11.5 8.4 12.6





#93

Benzo(a)pyrene

Concen: 4.892 ng/ul

RT: 23.915 min Scan# 3541

Delta R.T. -0.000 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-01

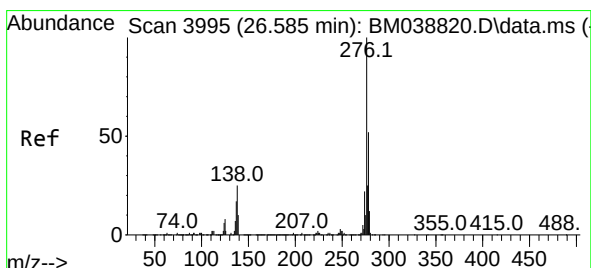
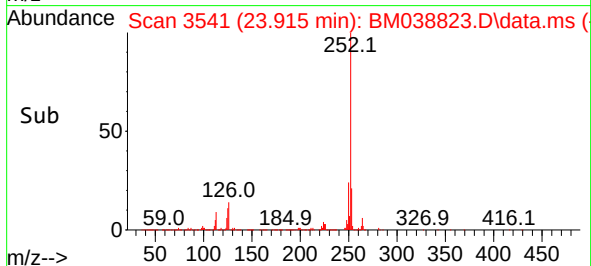
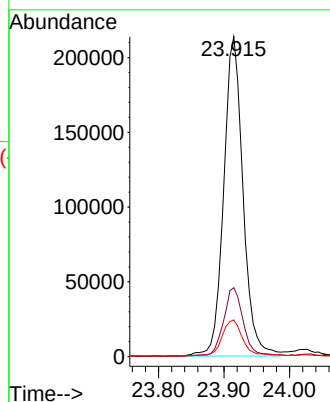
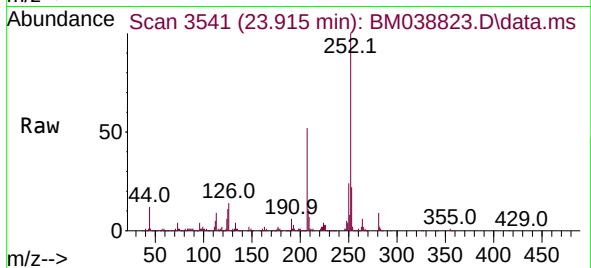
Tgt Ion:	252	Resp:	437989
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.8
125	11.5	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.679 ng/ul

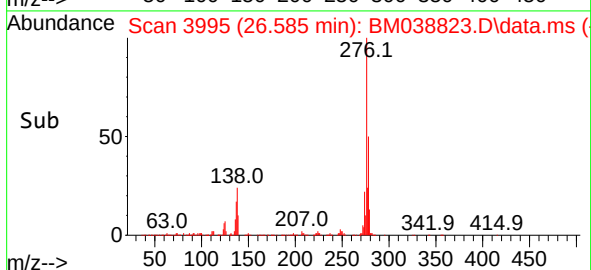
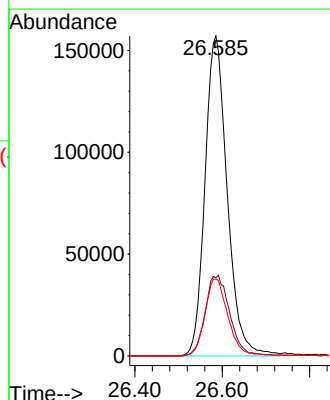
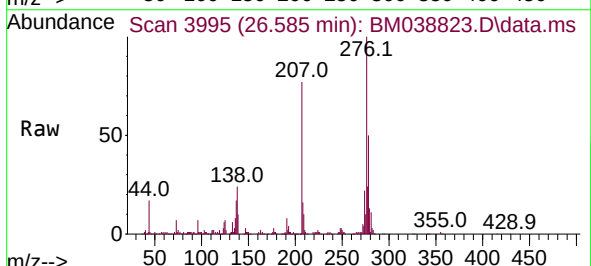
RT: 26.585 min Scan# 3995

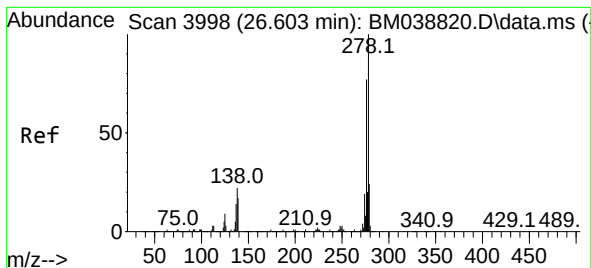
Delta R.T. -0.006 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Tgt Ion:	276	Resp:	553810
Ion Ratio	Lower	Upper	
276	100		
138	24.4	20.2	30.4
277	23.9	19.8	29.8





#95

Dibenzo(a,h)anthracene

Concen: 4.666 ng/ul

RT: 26.609 min Scan# 3998

Delta R.T. -0.006 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2023-01

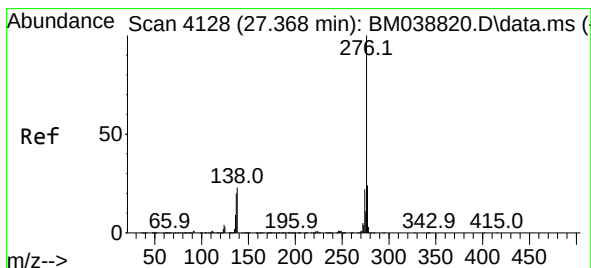
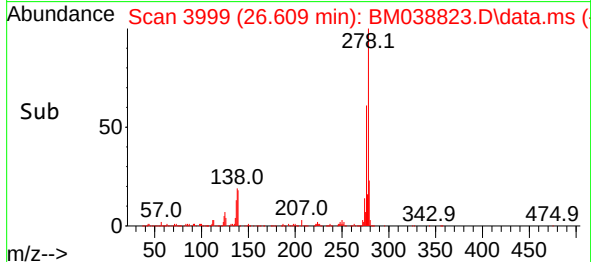
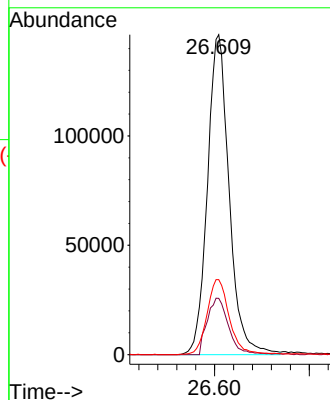
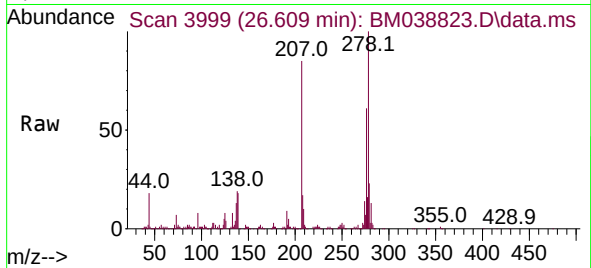
Tgt Ion:	278	Resp:	465893
Ion Ratio	Lower	Upper	
278	100		
139	17.6	13.4	20.2
279	23.4	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#96

Benzo(g,h,i)perylene

Concen: 4.743 ng/ul

RT: 27.368 min Scan# 4128

Delta R.T. -0.006 min

Lab File: BM038823.D

Acq: 01 Mar 2023 11:30

Tgt Ion:	276	Resp:	459611
Ion Ratio	Lower	Upper	
276	100		
138	21.0	19.4	29.0
277	23.2	18.7	28.1

