

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030123\
 Data File : BM038824.D
 Acq On : 01 Mar 2023 12:14
 Operator : CG/JU
 Sample : 01378-05
 Misc : SFAM--MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 01 14:01:15 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	220613	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	995623	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	630588	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1379829	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1385980	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1591085	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29073m	4.921	ng/uL	0.00
4) Pyridine-d5	3.805	84	240170	14.785	ng/u1	0.00
7) Phenol-d5	7.157	99	376260	18.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	248540	18.807	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	294436	19.104	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	286745	17.598	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	133275	19.068	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	125454	19.155	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	273730	17.986	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	439254	17.316	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	920920	18.856	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1057261	18.521	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	152719	15.620	ng/u1	0.00
60) Fluorene-d10	15.633	176	815197	18.925	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	94649	13.194	ng/u1	0.00
73) Anthracene-d10	17.486	188	1212475	17.820	ng/u1	0.00
81) Pyrene-d10	19.774	212	1491592	19.567	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.862	264	1536941	19.168	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	8472	1.334	ng/uL#	96
5) Pyridine	3.828	79	67110	3.838	ng/u1#	84
6) Benzaldehyde	7.145	77	51289m	5.120	ng/u1	
8) Phenol	7.181	94	99705	4.504	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.428	93	79953	4.537	ng/u1	99
12) 2-Chlorophenol	7.569	128	73803	4.649	ng/u1	97
13) 2-Methylphenol	8.451	108	69852	4.221	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.551	45	102581	4.636	ng/u1	98
16) Acetophenone	8.834	105	133809	4.725	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	59925	4.607	ng/u1	99
18) 4-Methylphenol	8.775	108	81013	4.409	ng/u1	99
19) Hexachloroethane	9.104	117	28414	4.468	ng/u1	95
22) Nitrobenzene	9.216	77	90457	4.731	ng/u1	99
23) Isophorone	9.745	82	173557	4.462	ng/u1	98
25) 2-Nitrophenol	9.934	139	37376	4.812	ng/u1	94
26) 2,4-Dimethylphenol	9.992	107	76680	4.019	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.233	93	112459	4.712	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	73637	4.773	ng/u1	98
30) Naphthalene	10.875	128	271493	4.779	ng/u1	100
32) 4-Chloroaniline	10.980	127	115920	4.513	ng/u1	97
33) Hexachlorobutadiene	11.169	225	46199	4.813	ng/u1	96
34) Caprolactam	11.745	113	23459m	4.434	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	74153	4.252	ng/u1	97
36) 2-Methylnaphthalene	12.480	142	177080	4.775	ng/u1	98

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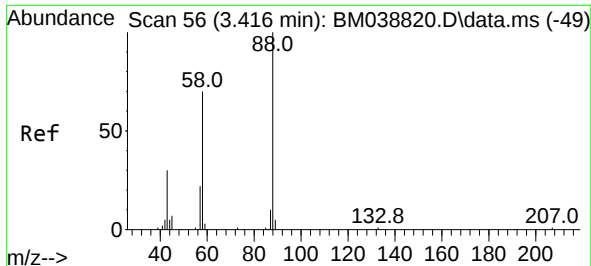
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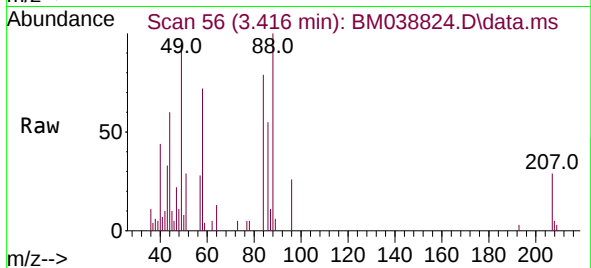
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	143591	3.843	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.845	216	93537	4.959	ng/ul	96
40) Hexachlorocyclopentadiene	12.827	237	53631	5.270	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	51045	4.290	ng/ul	94
42) 2,4,5-Trichlorophenol	13.145	196	59281	4.527	ng/ul	98
43) 1,1'-Biphenyl	13.486	154	248035	4.987	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	191963	4.893	ng/ul	100
45) 2-Nitroaniline	13.722	65	32714	3.695	ng/ul	93
47) Dimethylphthalate	14.104	163	244585	4.941	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	28496	3.638	ng/ul#	88
50) Acenaphthylene	14.369	152	313131	4.946	ng/ul	99
51) 3-Nitroaniline	14.545	138	33704	3.429	ng/ul#	95
52) Acenaphthene	14.710	153	213578	4.901	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	21720	4.878	ng/ul	96
55) 4-Nitrophenol	14.833	109	34484m	4.416	ng/ul	
56) Dibenzofuran	15.045	168	301257	4.979	ng/ul	97
57) 2,4-Dinitrotoluene	14.998	165	47210	3.899	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.263	232	49255	4.321	ng/ul	98
59) Diethylphthalate	15.463	149	228974	4.675	ng/ul	99
61) Fluorene	15.692	166	250540	4.939	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	122063	4.984	ng/ul	99
63) 4-Nitroaniline	15.698	138	41383	4.070	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	30053	4.048	ng/ul#	91
67) N-Nitrosodiphenylamine	15.898	169	197104	4.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	65611	4.620	ng/ul	98
69) Hexachlorobenzene	16.692	284	86968	5.056	ng/ul	99
70) Atrazine	16.845	200	55967	3.964	ng/ul	96
71) Pentachlorophenol	17.033	266	39433	3.770	ng/ul	97
72) Phenanthrene	17.427	178	395096	4.956	ng/ul	100
74) Anthracene	17.521	178	382342	4.710	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.451	216	74682	3.840	ng/uL	96
76) Pentachlorobenzene	14.963	250	73034	3.655	ng/uL	98
77) Carbazole	17.786	167	339332	4.502	ng/ul	99
78) Di-n-butylphthalate	18.362	149	319695	4.169	ng/ul	100
80) Fluoranthene	19.439	202	431817	4.925	ng/ul	98
82) Pyrene	19.803	202	498092	5.181	ng/ul	99
83) Butylbenzylphthalate	20.703	149	98500	3.856	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	102145	3.761	ng/ul#	95
85) Benzo(a)anthracene	21.550	228	463427	4.839	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	169255	3.986	ng/ul	96
87) Chrysene	21.603	228	465872	4.975	ng/ul	100
89) Di-n-octyl phthalate	22.439	149	264348	3.304	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	458371	4.640	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	501030	4.937	ng/ul	98
93) Benzo(a)pyrene	23.909	252	451913	4.938	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.579	276	562999	4.654	ng/ul	99
95) Dibenzo(a,h)anthracene	26.609	278	475519	4.659	ng/ul	98
96) Benzo(g,h,i)perylene	27.362	276	468864	4.733	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.334 ng/uL
RT: 3.416 min Scan# 50
Delta R.T. -0.001 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

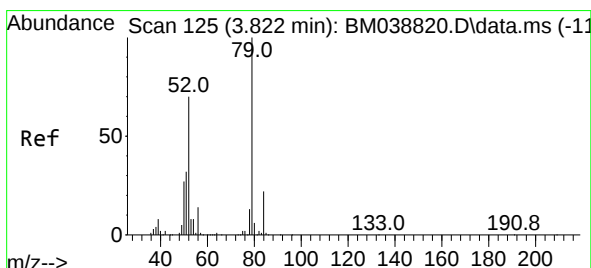
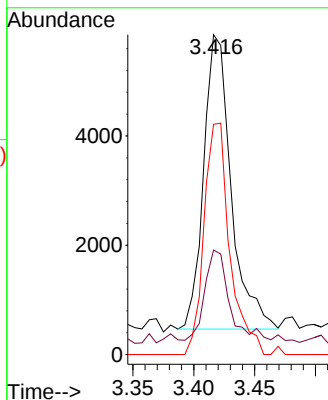
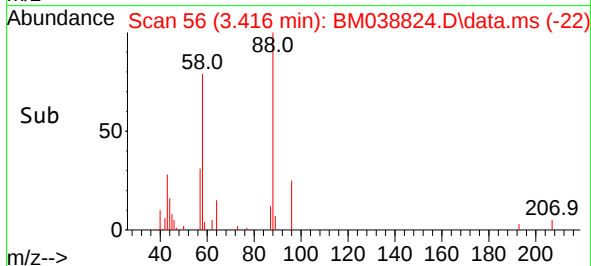
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 88 Resp: 8472
Ion Ratio Lower Upper
88 100
43 32.7 21.5 32.3
58 72.0 56.4 84.6

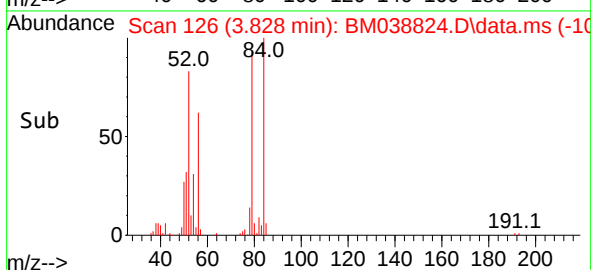
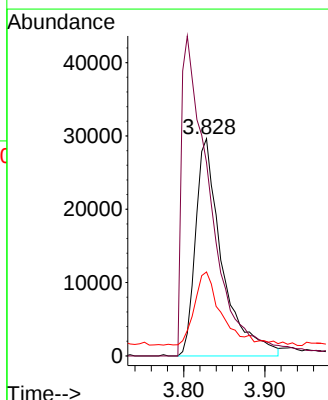
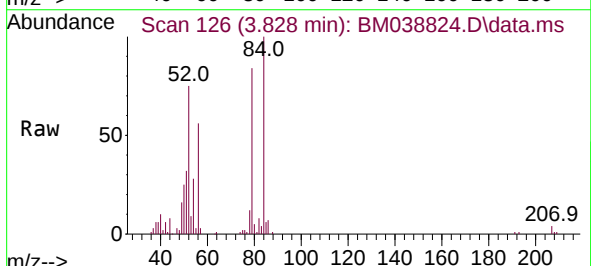
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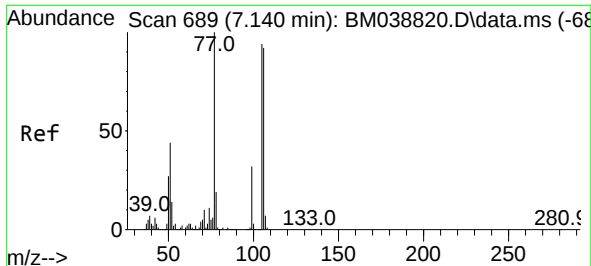
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#5
Pyridine
Concen: 3.838 ng/uL
RT: 3.828 min Scan# 126
Delta R.T. 0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

Tgt Ion: 79 Resp: 67110
Ion Ratio Lower Upper
79 100
52 89.0 57.8 86.6
51 38.6 27.8 41.6





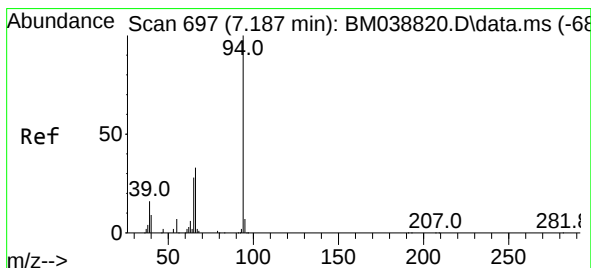
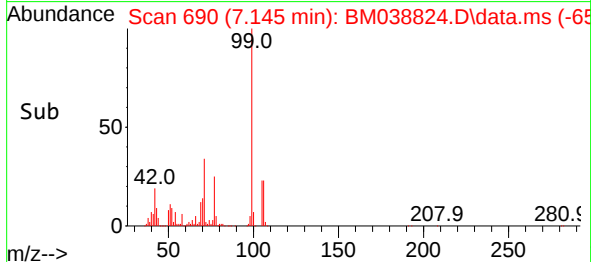
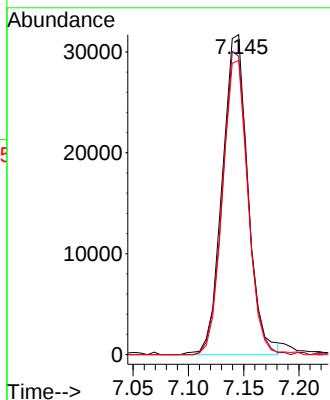
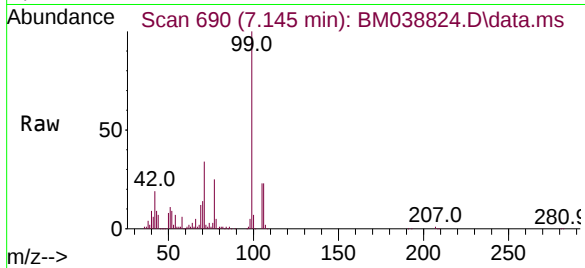
#6
Benzaldehyde
Concen: 5.120 ng/ul m
RT: 7.145 min Scan# 691
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

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

Tgt Ion: 77 Resp: 51289
Ion Ratio Lower Upper
77 100
105 93.2 77.9 116.9
106 91.9 78.3 117.5

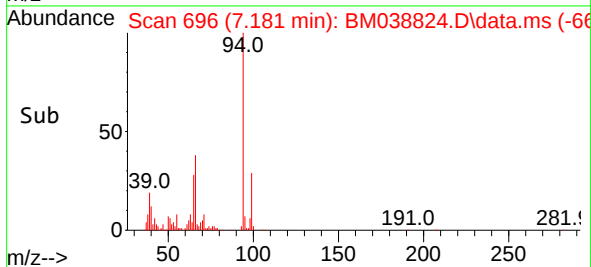
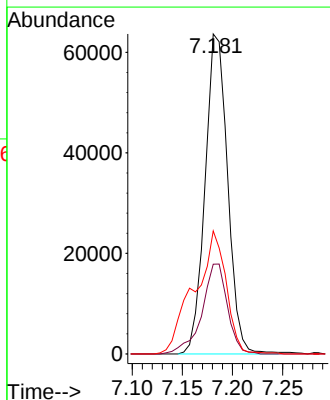
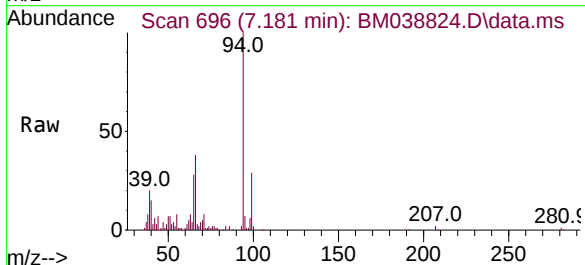
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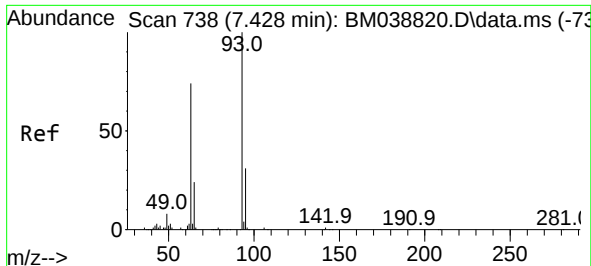
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#8
Phenol
Concen: 4.504 ng/ul
RT: 7.181 min Scan# 696
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

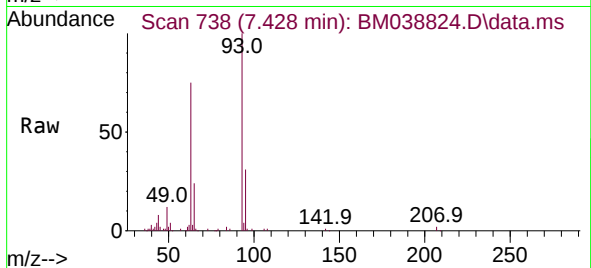
Tgt Ion: 94 Resp: 99705
Ion Ratio Lower Upper
94 100
65 28.0 22.1 33.1
66 38.4 28.6 43.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.537 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

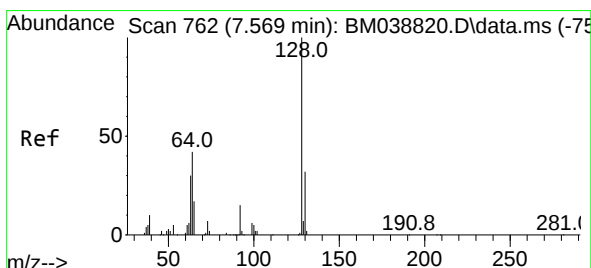
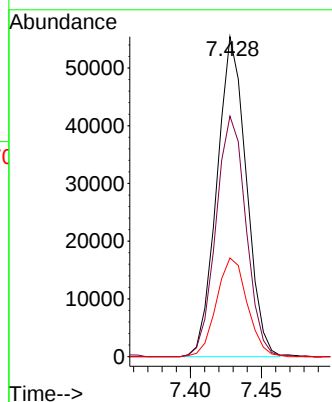
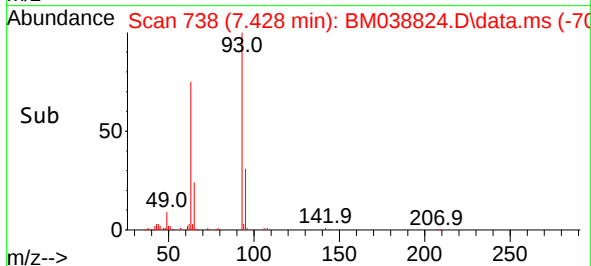
Instrument :
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ClientSampleId :
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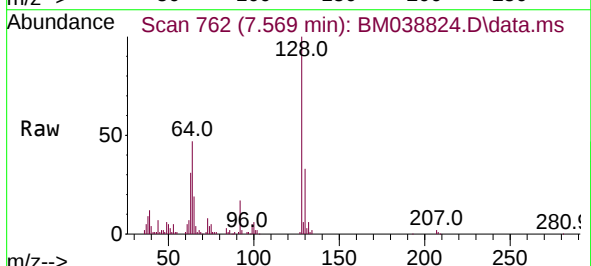
Tgt Ion: 93 Resp: 79953
Ion Ratio Lower Upper
93 100
63 75.1 60.3 90.5
95 30.8 25.8 38.6

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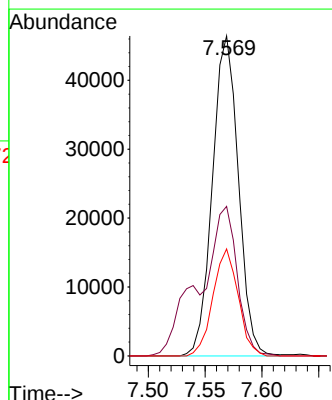
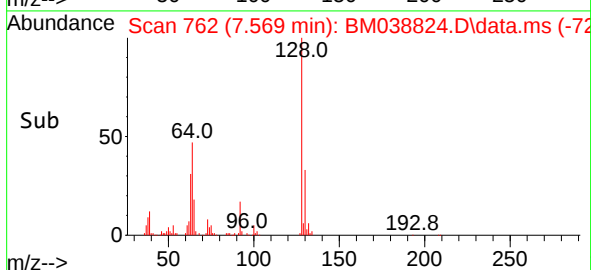
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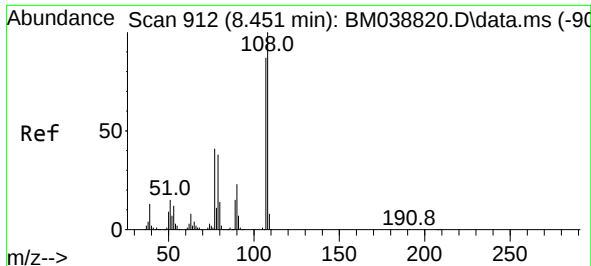


#12
2-Chlorophenol
Concen: 4.649 ng/ul
RT: 7.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BM038824.D
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Tgt Ion:128 Resp: 73803
Ion Ratio Lower Upper
128 100
64 46.7 38.9 58.3
130 33.4 25.1 37.7





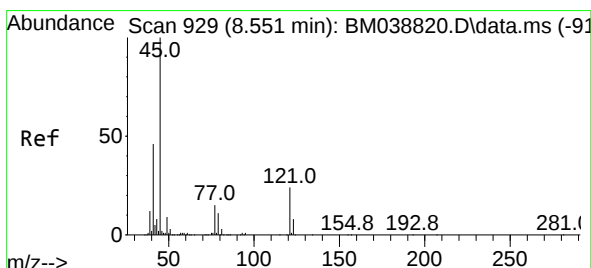
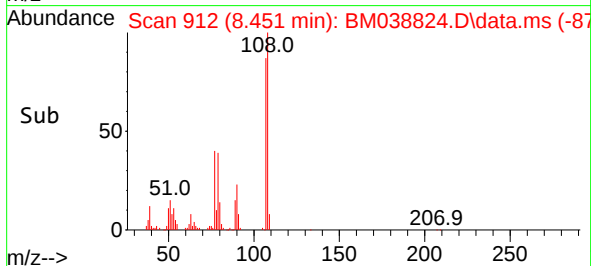
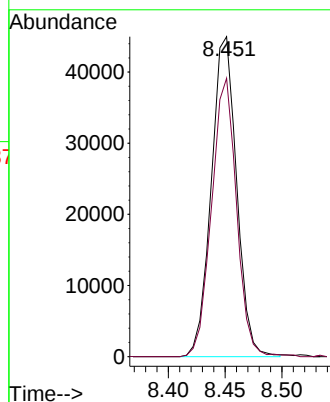
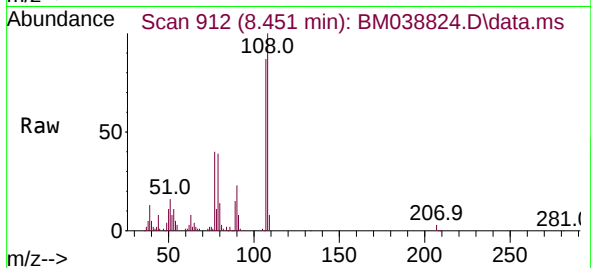
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2-Methylphenol
Concen: 4.221 ng/ul
RT: 8.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BM038824.D
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Tgt Ion:108 Resp: 69852
Ion Ratio Lower Upper
108 100
107 87.0 69.0 103.6

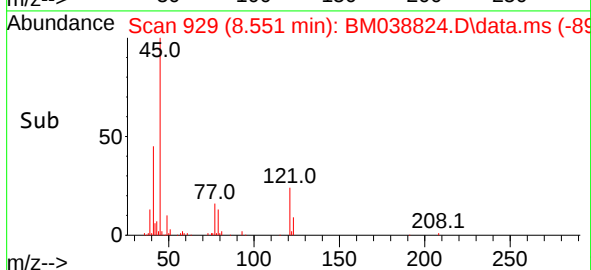
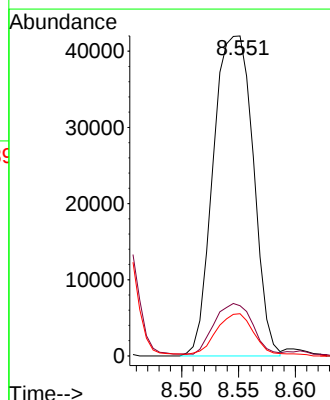
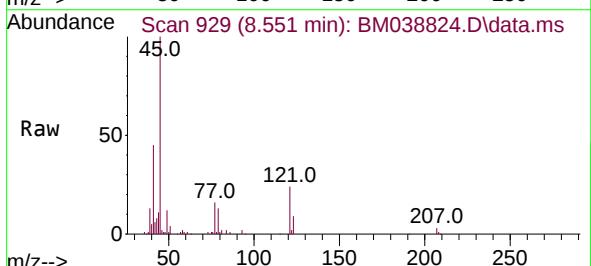
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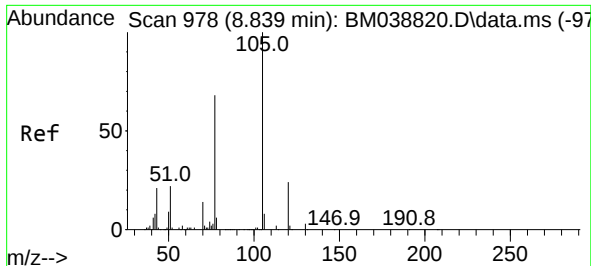
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.636 ng/ul
RT: 8.551 min Scan# 929
Delta R.T. -0.000 min
Lab File: BM038824.D
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Tgt Ion: 45 Resp: 102581
Ion Ratio Lower Upper
45 100
77 15.7 12.4 18.6
79 13.2 9.4 14.0





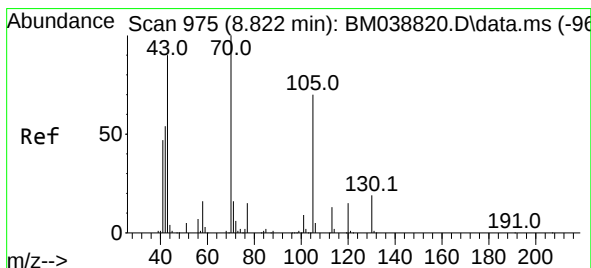
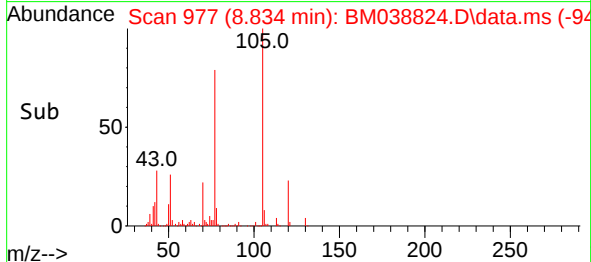
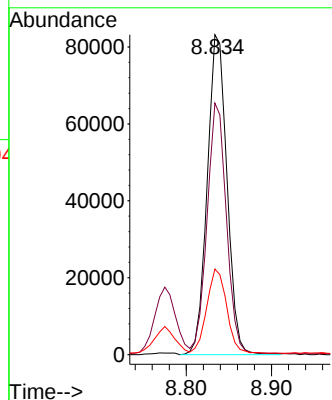
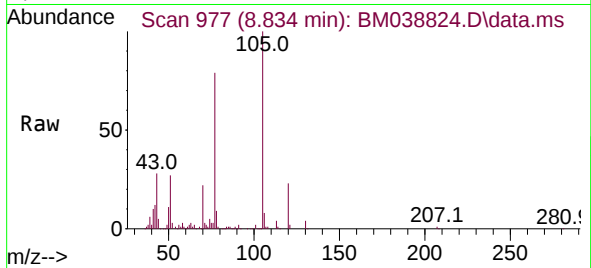
#16
Acetophenone
Concen: 4.725 ng/ul
RT: 8.834 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

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

Tgt Ion:105 Resp: 133809
Ion Ratio Lower Upper
105 100
77 78.6 62.6 93.8
51 26.7 20.8 31.2

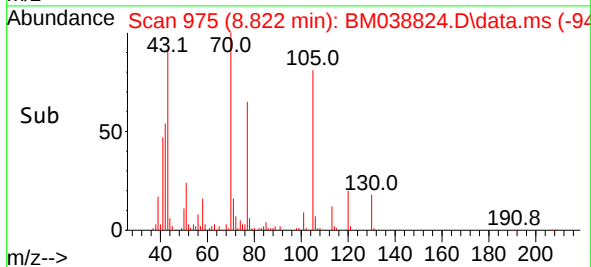
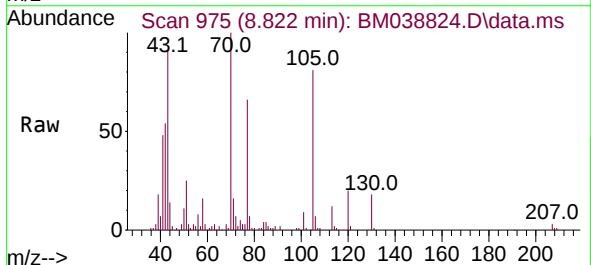
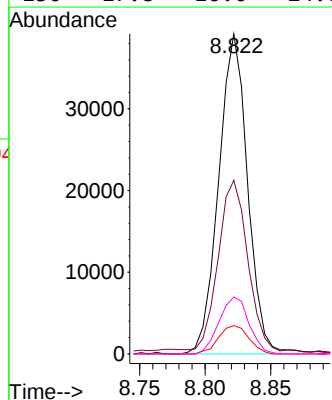
Manual Integrations
APPROVED

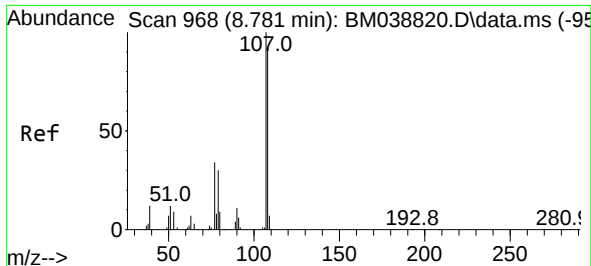
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.607 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

Tgt Ion: 70 Resp: 59925
Ion Ratio Lower Upper
70 100
42 54.2 43.5 65.3
101 8.8 7.2 10.8
130 17.8 16.0 24.0





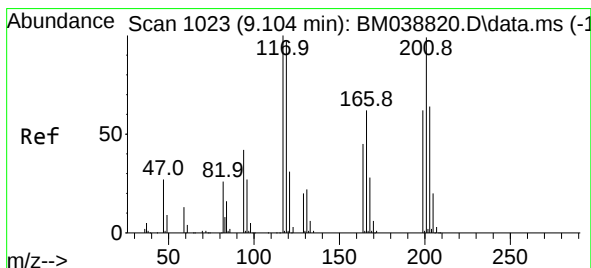
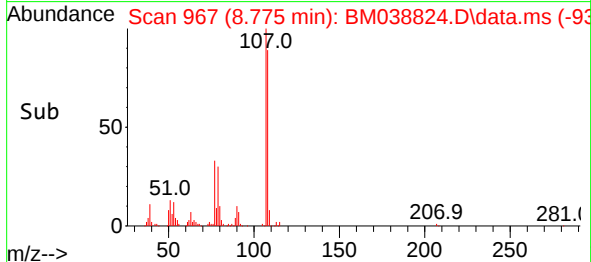
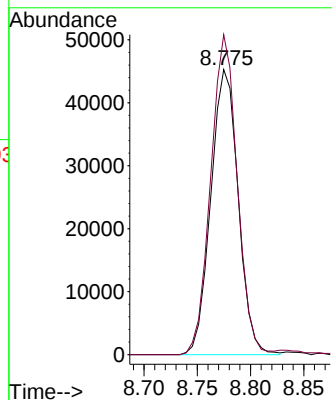
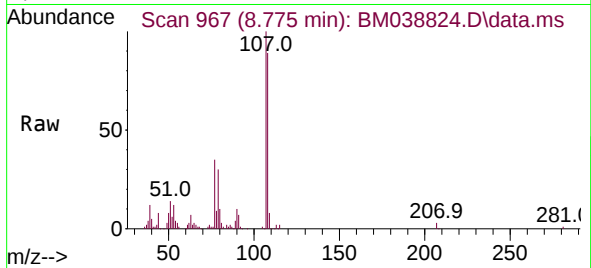
#18
4-Methylphenol
Concen: 4.409 ng/ul
RT: 8.775 min Scan# 968
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

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

Tgt Ion:108 Resp: 81013
Ion Ratio Lower Upper
108 100
107 112.2 89.0 133.6

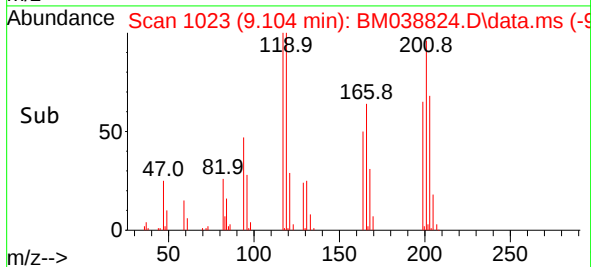
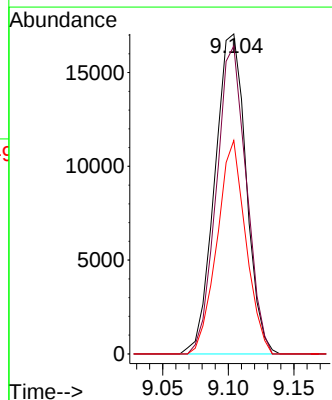
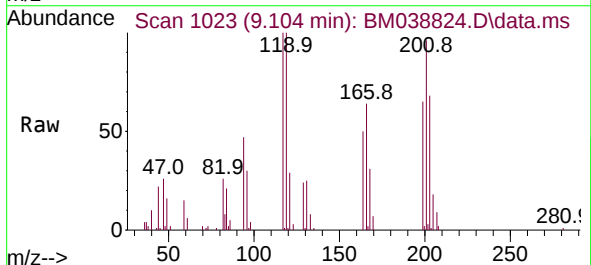
Manual Integrations
APPROVED

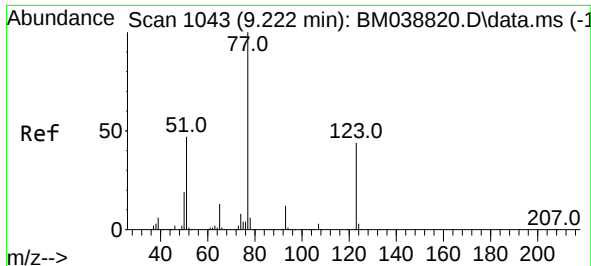
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#19
Hexachloroethane
Concen: 4.468 ng/ul
RT: 9.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

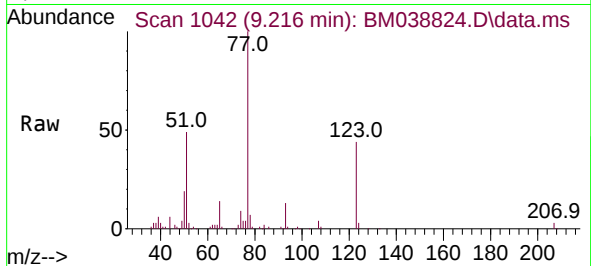
Tgt Ion:117 Resp: 28414
Ion Ratio Lower Upper
117 100
201 96.2 76.6 115.0
199 66.7 46.6 70.0





#22
Nitrobenzene
Concen: 4.731 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

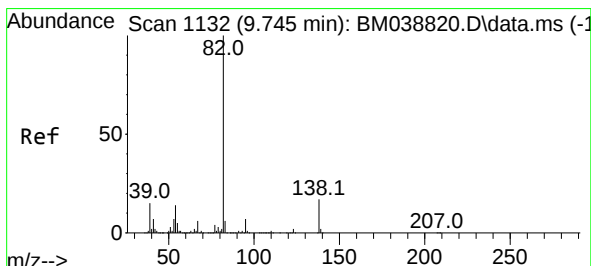
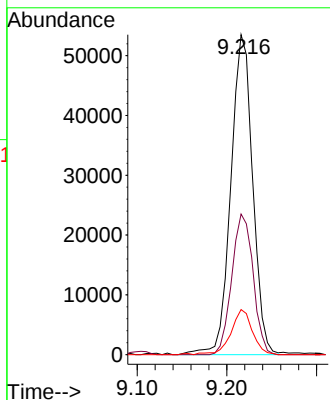
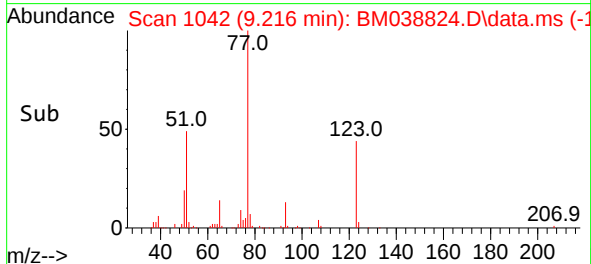
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 77 Resp: 90452
Ion Ratio Lower Upper
77 100
123 43.9 35.3 52.9
65 14.1 10.6 15.8

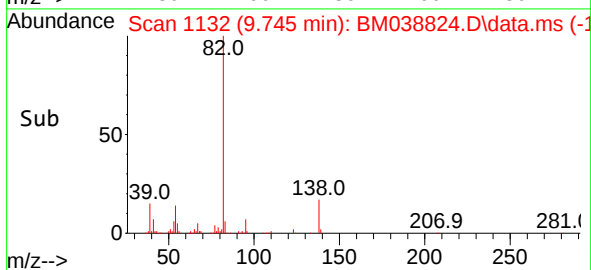
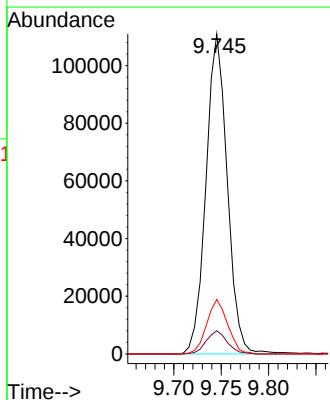
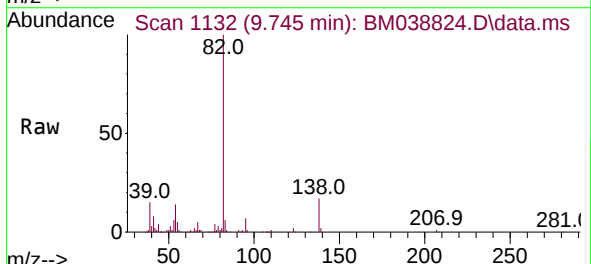
Manual Integrations
APPROVED

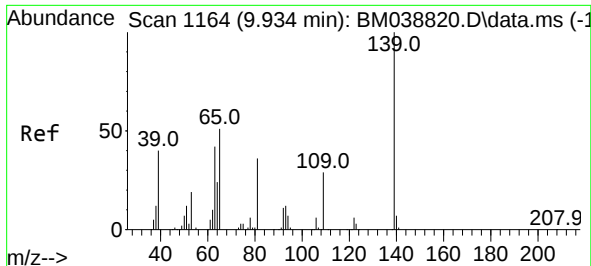
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#23
Isophorone
Concen: 4.462 ng/ul
RT: 9.745 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

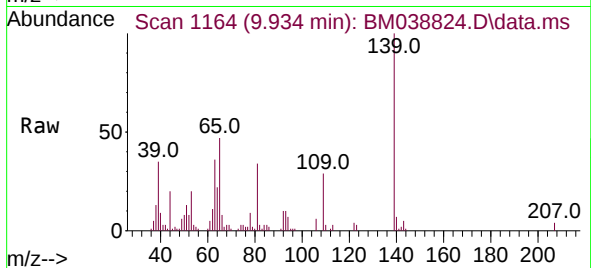
Tgt Ion: 82 Resp: 173557
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 17.0 13.1 19.7





#25
2-Nitrophenol
Concen: 4.812 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

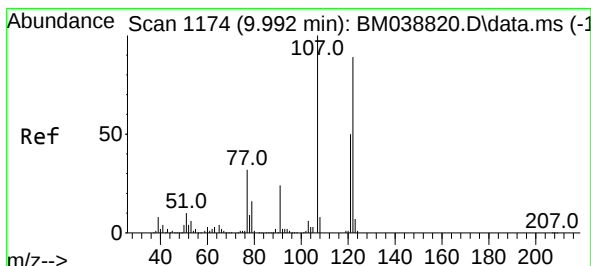
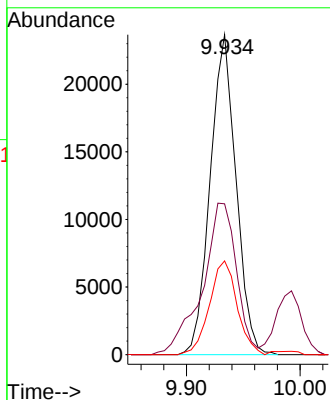
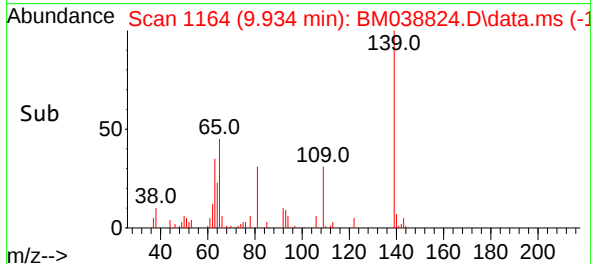
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:139 Resp: 37376
Ion Ratio Lower Upper
139 100
65 47.1 42.6 63.8
109 29.3 23.1 34.7

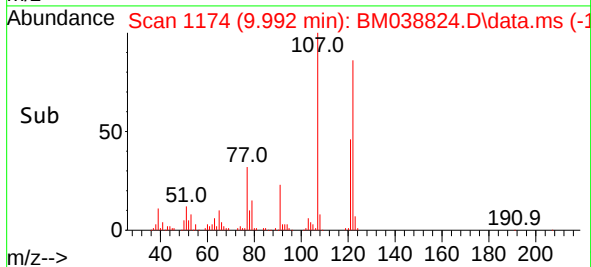
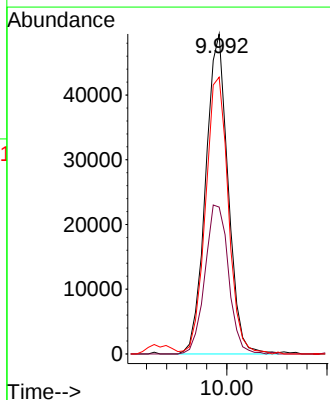
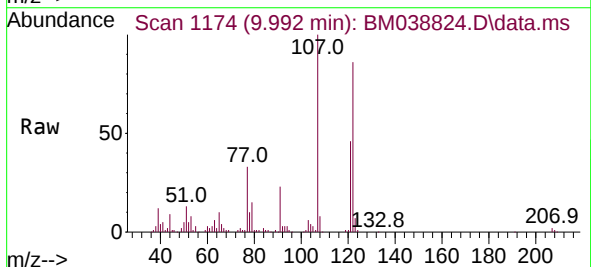
Manual Integrations
APPROVED

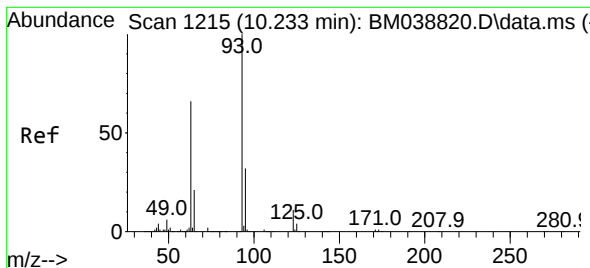
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#26
2,4-Dimethylphenol
Concen: 4.019 ng/ul
RT: 9.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

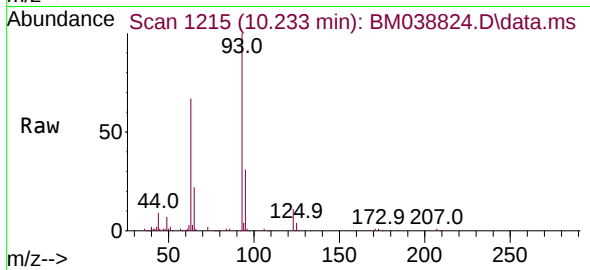
Tgt Ion:107 Resp: 76680
Ion Ratio Lower Upper
107 100
121 45.9 39.8 59.8
122 86.5 69.0 103.4





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.712 ng/ul
 RT: 10.233 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: BM038824.D
 Acq: 01 Mar 2023 12:14

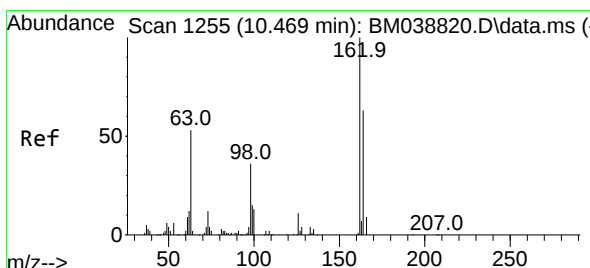
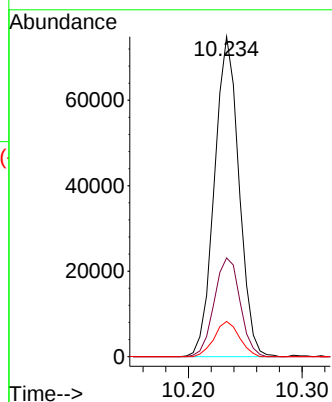
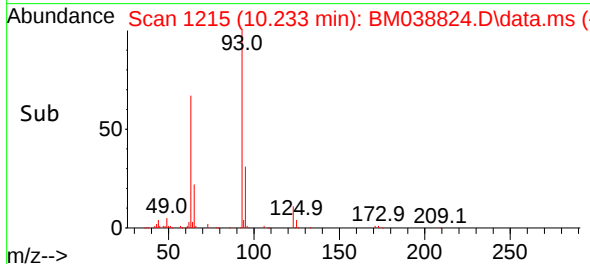
Instrument : BNA_M
 ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 93 Resp: 112459
 Ion Ratio Lower Upper
 93 100
 95 30.8 25.3 37.9
 123 11.0 9.3 13.9

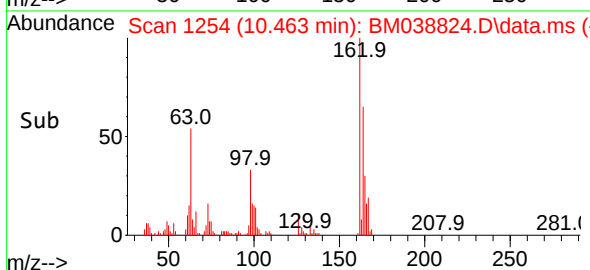
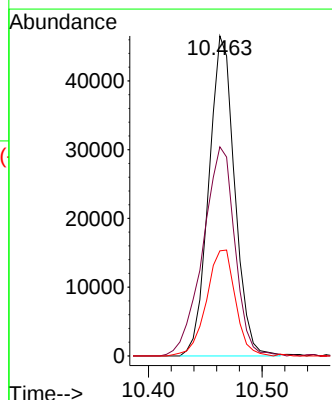
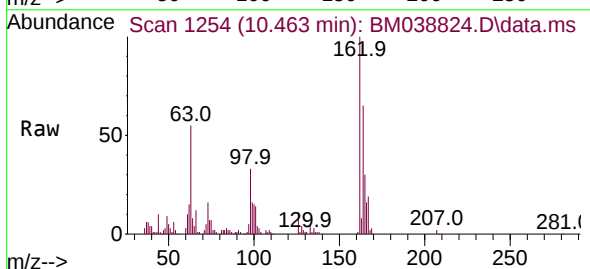
Manual Integrations
 APPROVED

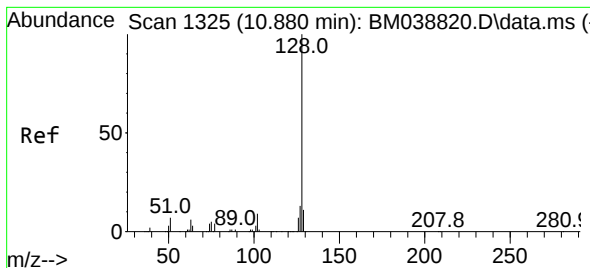
Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/03/2023



#29
 2,4-Dichlorophenol
 Concen: 4.773 ng/ul
 RT: 10.463 min Scan# 1254
 Delta R.T. -0.006 min
 Lab File: BM038824.D
 Acq: 01 Mar 2023 12:14

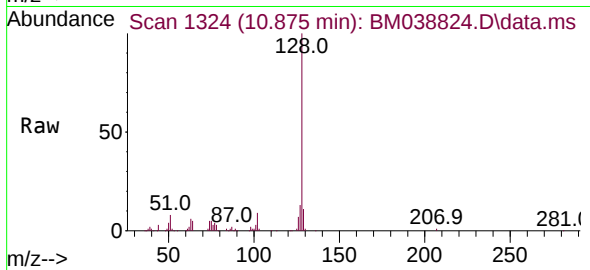
Tgt Ion:162 Resp: 73637
 Ion Ratio Lower Upper
 162 100
 164 65.3 52.6 78.8
 98 32.8 29.0 43.6





#30
Naphthalene
Concen: 4.779 ng/ul
RT: 10.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

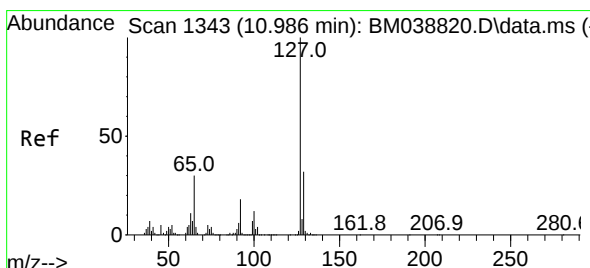
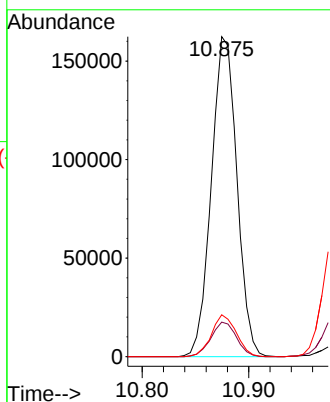
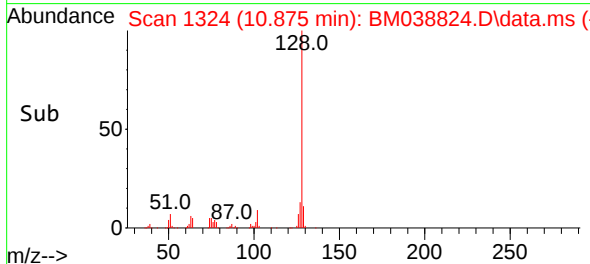
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:128 Resp: 271493
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.1 10.2 15.4

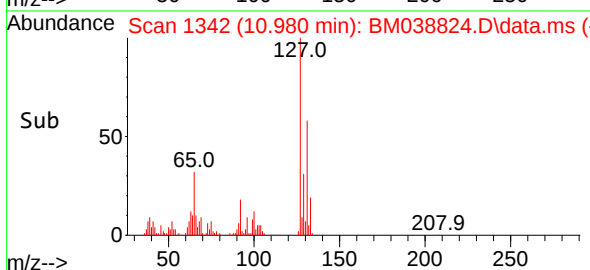
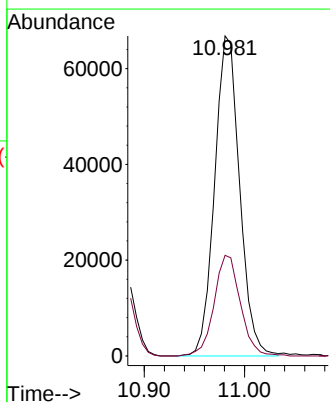
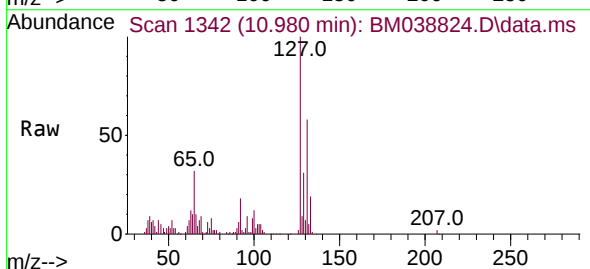
Manual Integrations
APPROVED

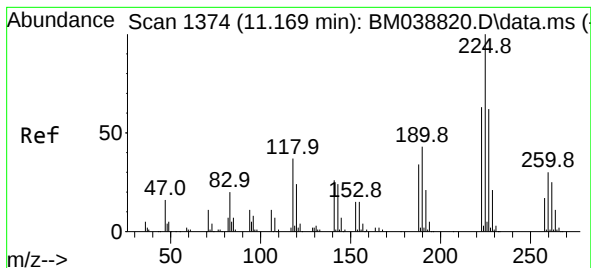
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#32
4-Chloroaniline
Concen: 4.513 ng/ul
RT: 10.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

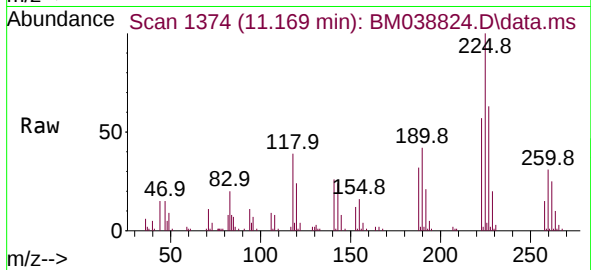
Tgt Ion:127 Resp: 115920
Ion Ratio Lower Upper
127 100
129 31.4 26.3 39.5





#33
Hexachlorobutadiene
Concen: 4.813 ng/ul
RT: 11.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

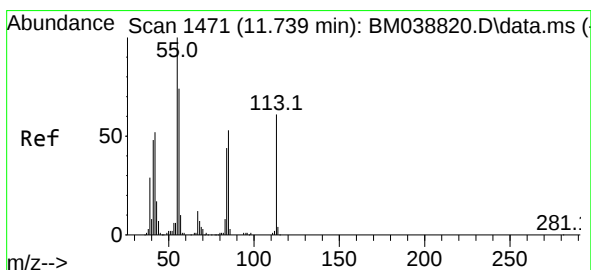
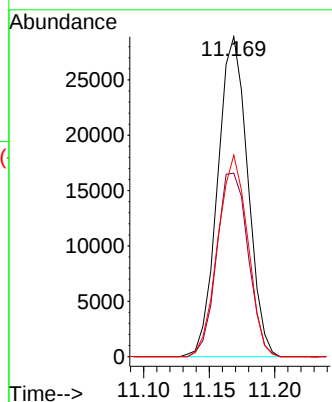
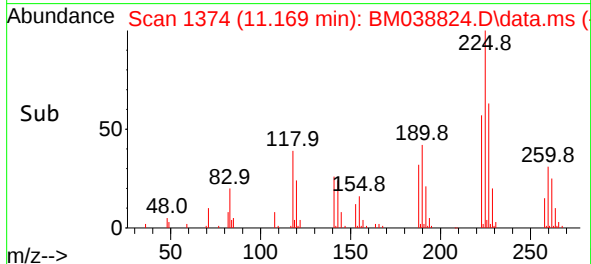
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



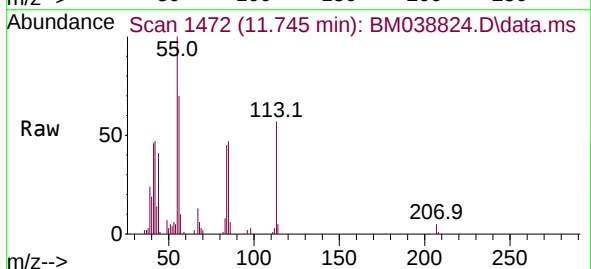
Tgt Ion:225 Resp: 46199
Ion Ratio Lower Upper
225 100
223 57.3 50.9 76.3
227 62.8 50.4 75.6

Manual Integrations
APPROVED

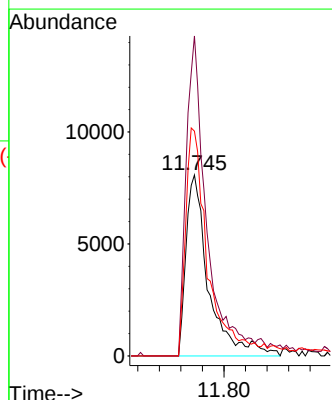
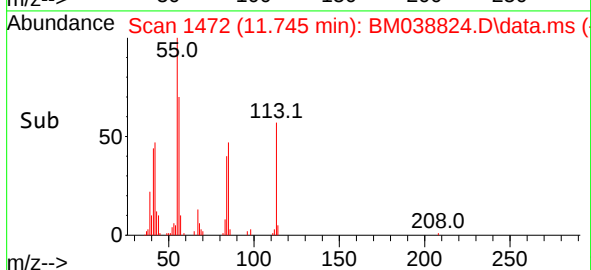
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

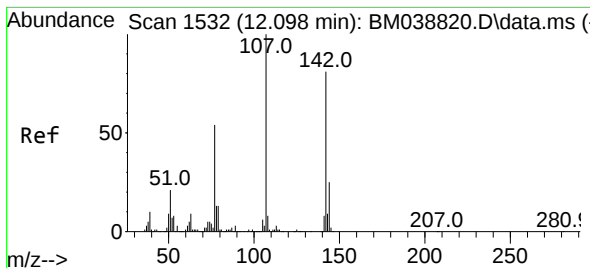


#34
Caprolactam
Concen: 4.434 ng/ul m
RT: 11.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



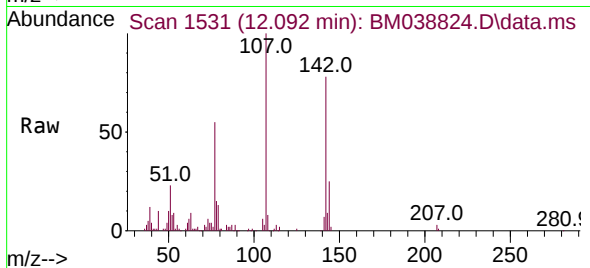
Tgt Ion:113 Resp: 23459
Ion Ratio Lower Upper
113 100
55 176.9 137.0 205.6
56 124.2 99.9 149.9





#35
4-Chloro-3-methylphenol
Concen: 4.252 ng/ul
RT: 12.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

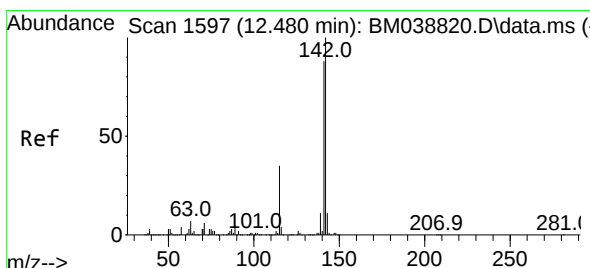
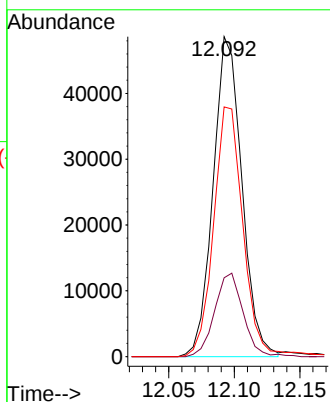
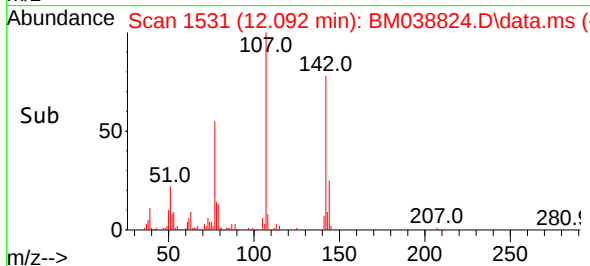
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:107 Resp: 74153
Ion Ratio Lower Upper
107 100
144 24.6 21.1 31.7
142 78.0 64.7 97.1

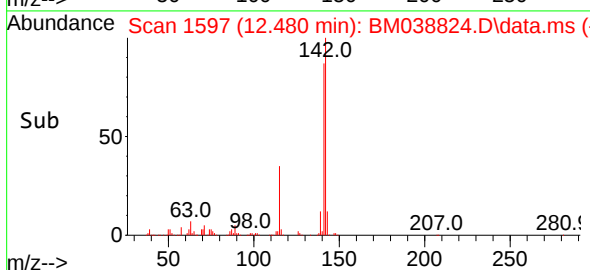
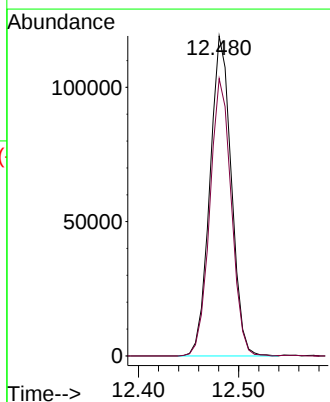
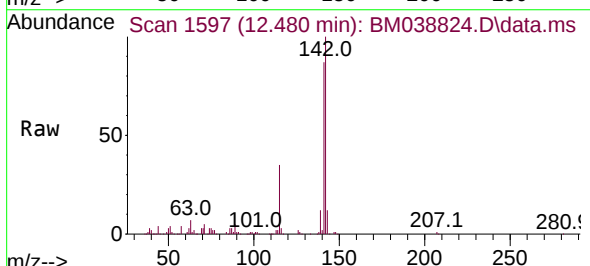
Manual Integrations
APPROVED

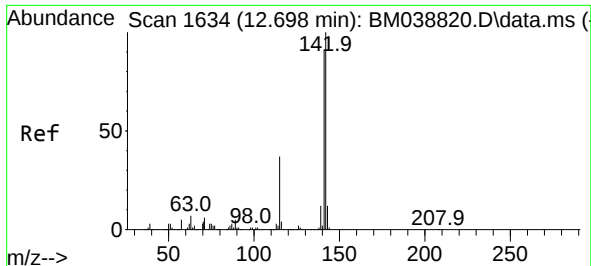
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#36
2-Methylnaphthalene
Concen: 4.775 ng/ul
RT: 12.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

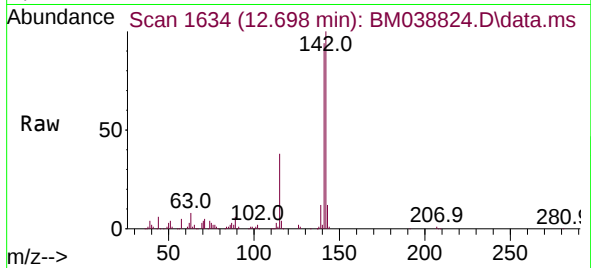
Tgt Ion:142 Resp: 177080
Ion Ratio Lower Upper
142 100
141 86.7 71.0 106.6





#37
1-Methylnaphthalene
Concen: 3.843 ng/ul
RT: 12.698 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

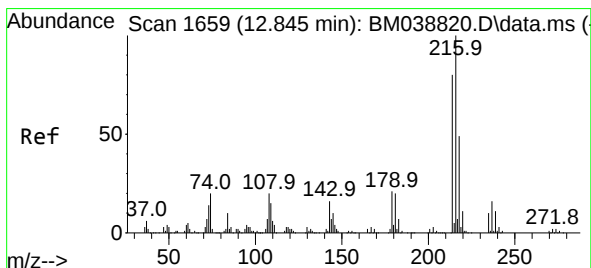
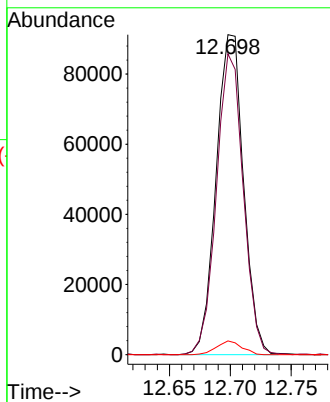
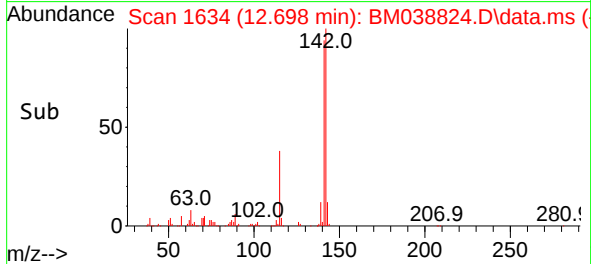
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:142 Resp: 143591
Ion Ratio Lower Upper
142 100
141 94.0 73.4 110.0
116 4.3 3.2 4.8

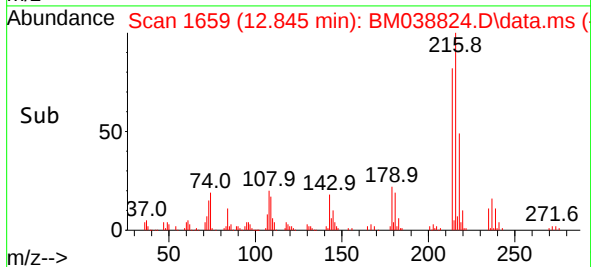
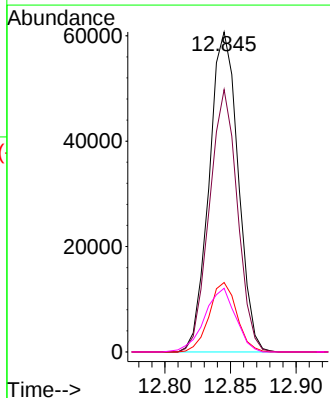
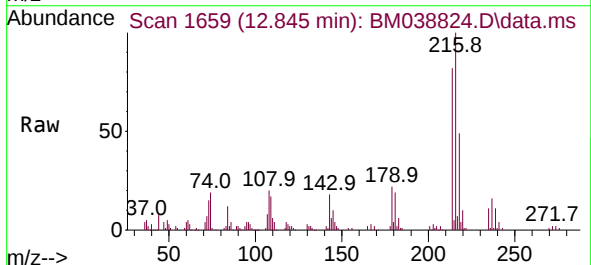
Manual Integrations
APPROVED

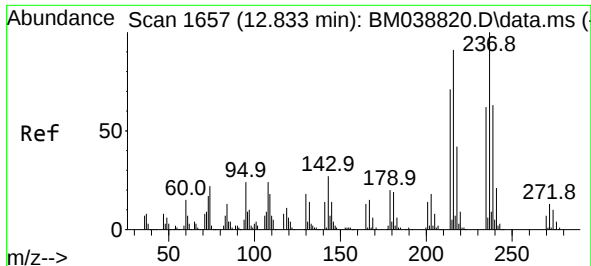
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.959 ng/ul
RT: 12.845 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

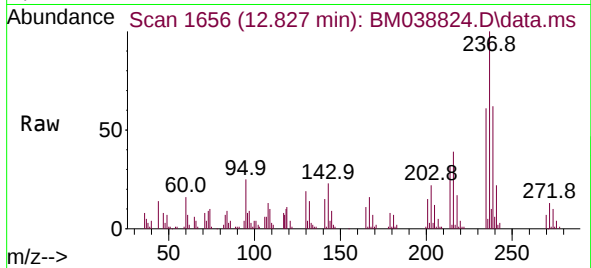
Tgt Ion:216 Resp: 93537
Ion Ratio Lower Upper
216 100
214 82.0 62.2 93.4
179 21.7 16.4 24.6
108 19.9 15.3 22.9





#40
Hexachlorocyclopentadiene
Concen: 5.270 ng/ul
RT: 12.827 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

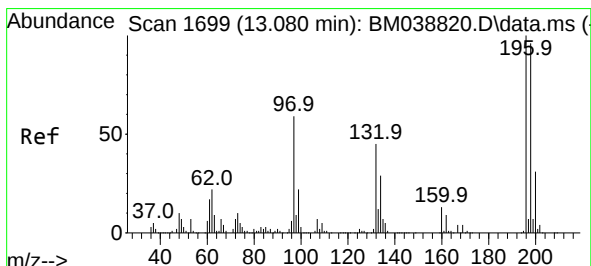
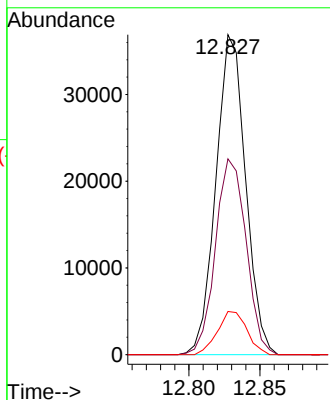
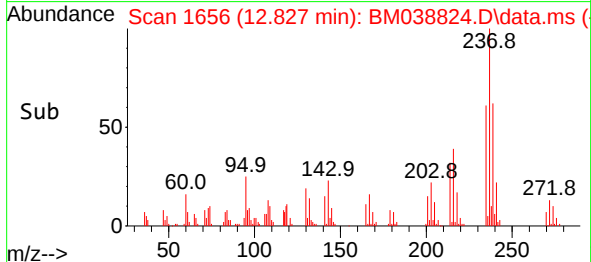
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:237 Resp: 53631
Ion Ratio Lower Upper
237 100
235 61.2 48.1 72.1
272 14.6 10.0 15.0

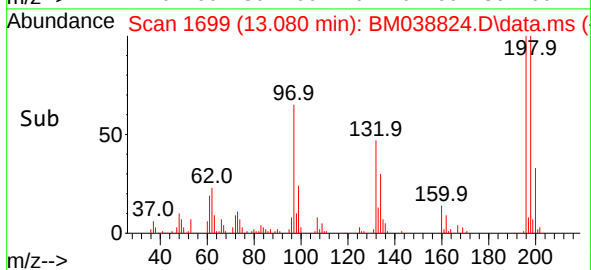
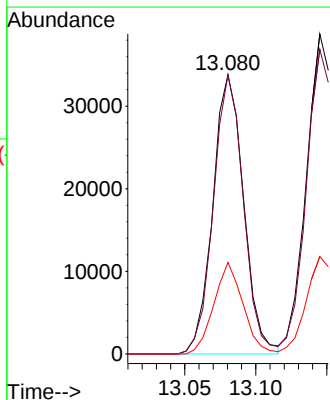
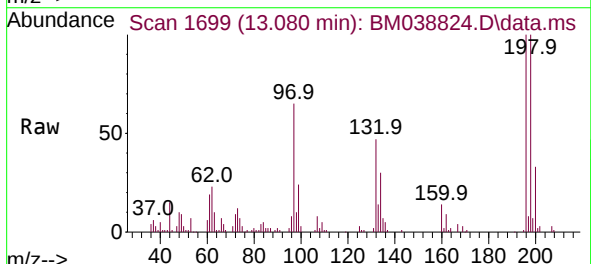
Manual Integrations
APPROVED

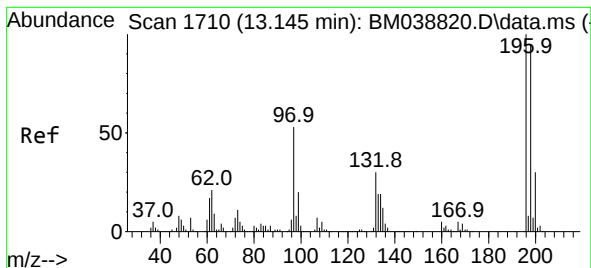
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#41
2,4,6-Trichlorophenol
Concen: 4.290 ng/ul
RT: 13.080 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

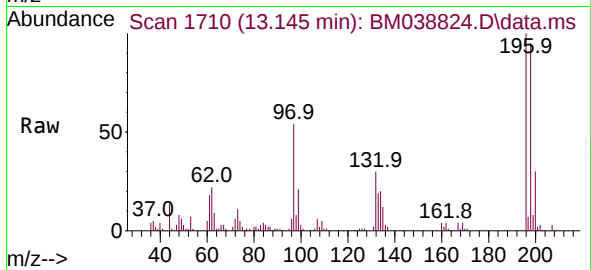
Tgt Ion:196 Resp: 51045
Ion Ratio Lower Upper
196 100
198 99.9 74.8 112.2
200 32.8 24.3 36.5





#42
2,4,5-Trichlorophenol
Concen: 4.527 ng/ul
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

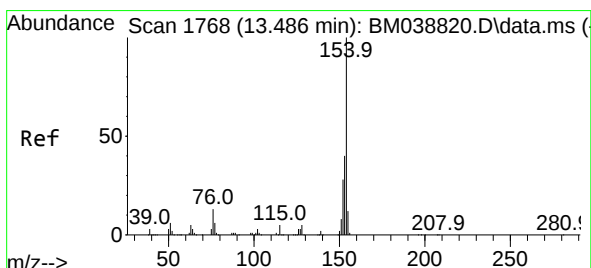
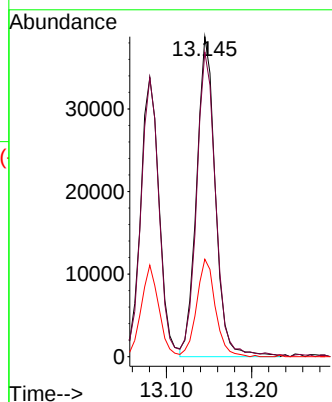
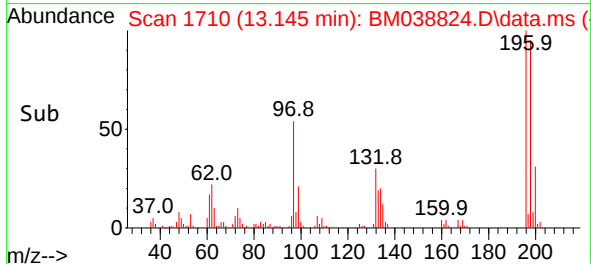
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



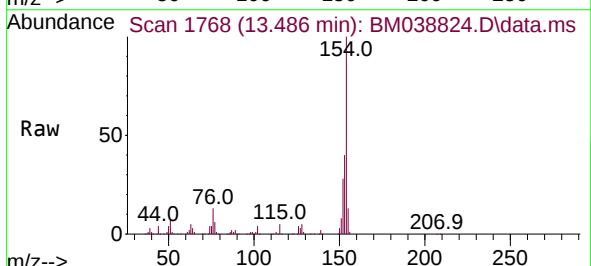
Tgt Ion:196 Resp: 59281
Ion Ratio Lower Upper
196 100
198 95.2 77.5 116.3
200 30.4 24.8 37.2

Manual Integrations
APPROVED

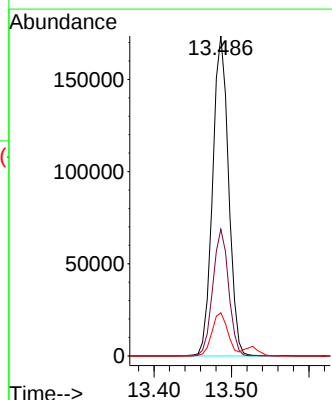
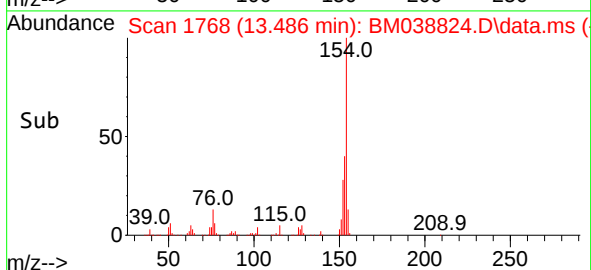
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

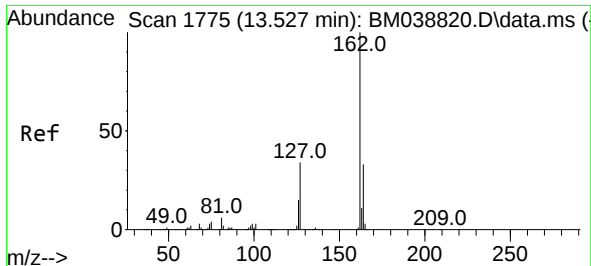


#43
1,1'-Biphenyl
Concen: 4.987 ng/ul
RT: 13.486 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



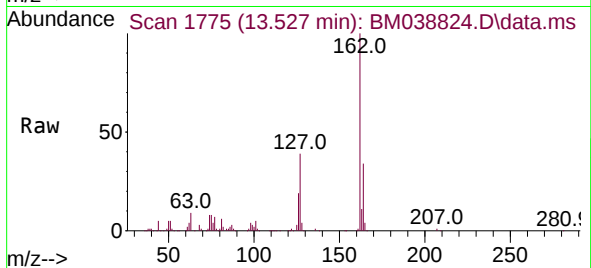
Tgt Ion:154 Resp: 248035
Ion Ratio Lower Upper
154 100
153 39.6 31.3 46.9
76 13.5 11.0 16.6





#44
2-Chloronaphthalene
Concen: 4.893 ng/ul
RT: 13.527 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

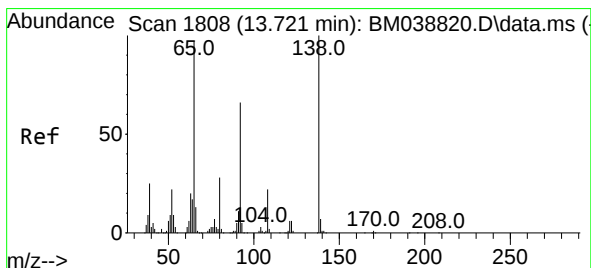
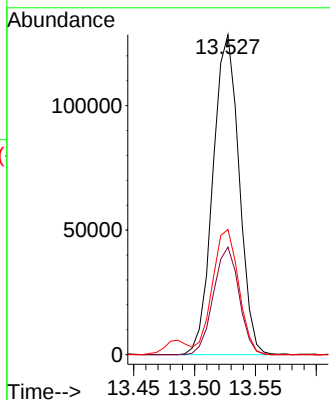
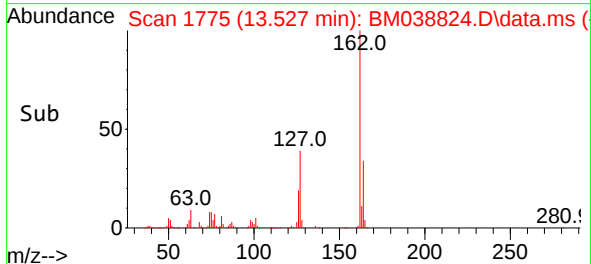
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:162 Resp: 191963
Ion Ratio Lower Upper
162 100
164 33.6 26.6 40.0
127 39.1 31.5 47.3

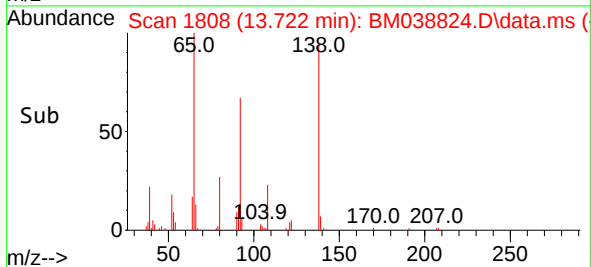
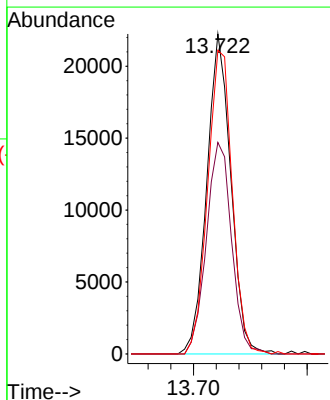
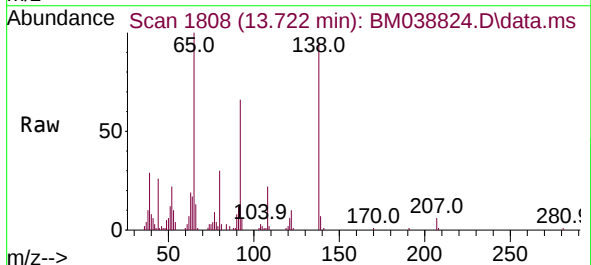
Manual Integrations
APPROVED

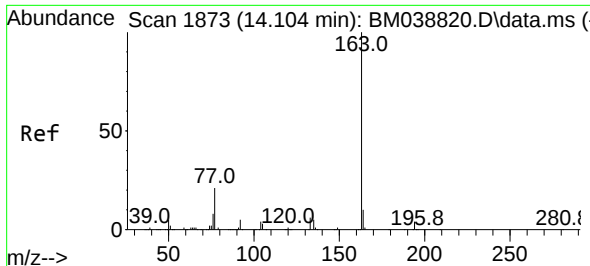
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#45
2-Nitroaniline
Concen: 3.695 ng/ul
RT: 13.722 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

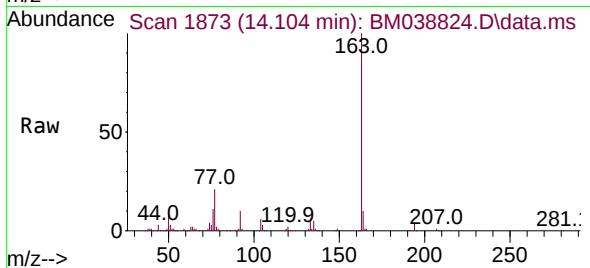
Tgt Ion: 65 Resp: 32714
Ion Ratio Lower Upper
65 100
92 66.1 54.2 81.2
138 94.9 84.3 126.5





#47
Dimethylphthalate
Concen: 4.941 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

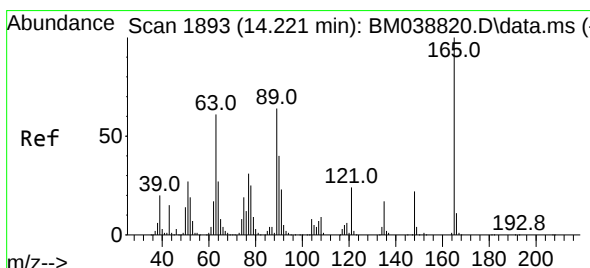
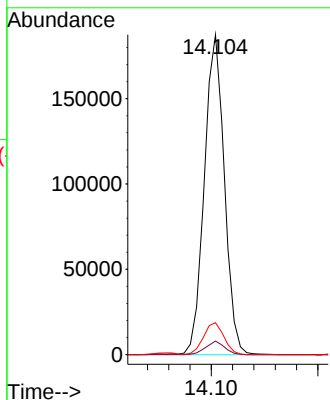
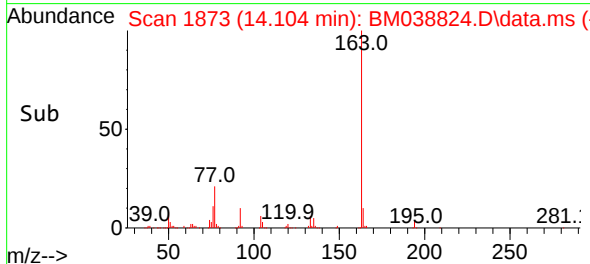
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



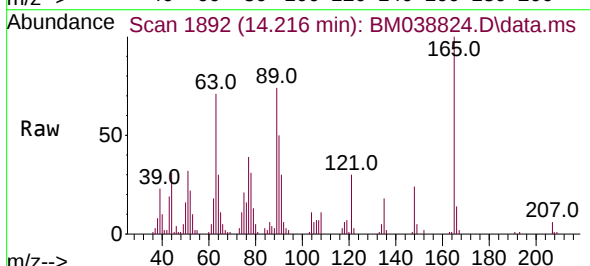
Tgt Ion:163 Resp: 244585
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.0 8.4 12.6

Manual Integrations
APPROVED

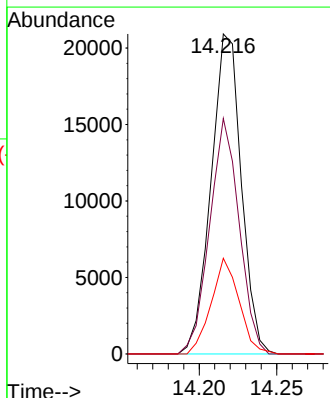
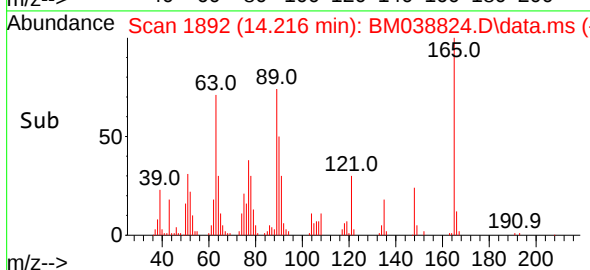
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

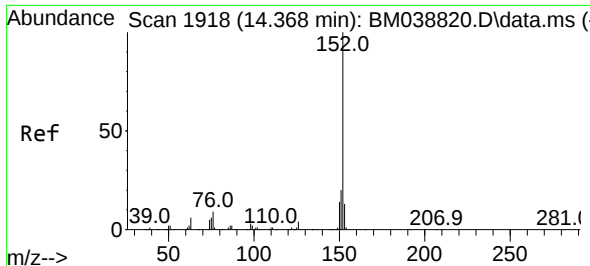


#48
2,6-Dinitrotoluene
Concen: 3.638 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



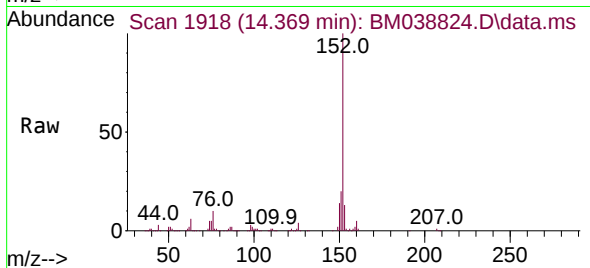
Tgt Ion:165 Resp: 28496
Ion Ratio Lower Upper
165 100
89 73.6 51.4 77.2
121 29.9 19.4 29.2#





#50
Acenaphthylene
Concen: 4.946 ng/ul
RT: 14.369 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

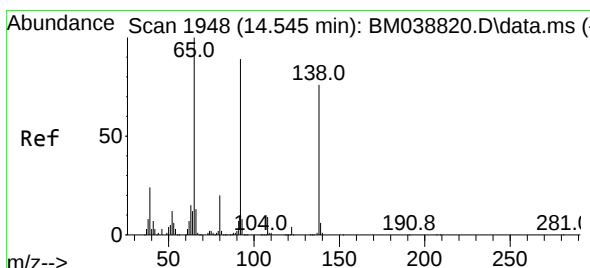
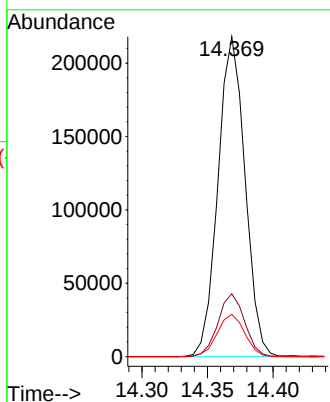
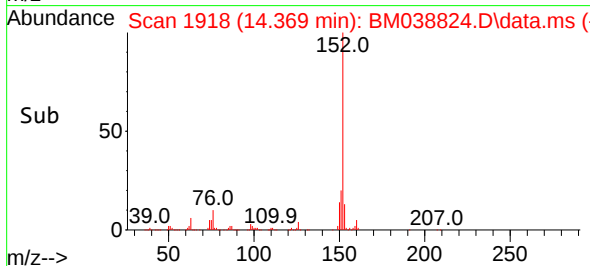
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:152 Resp: 313131
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.2 10.4 15.6

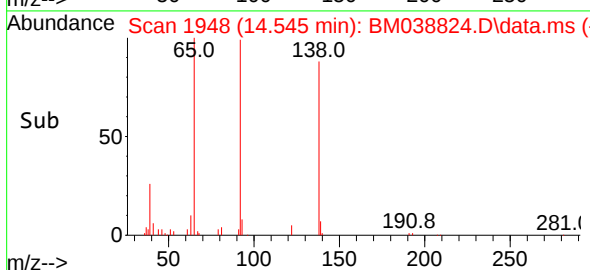
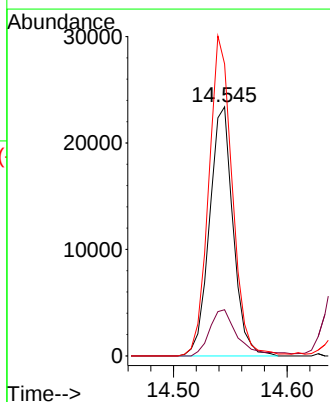
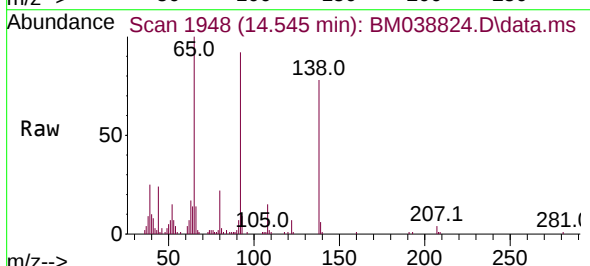
Manual Integrations
APPROVED

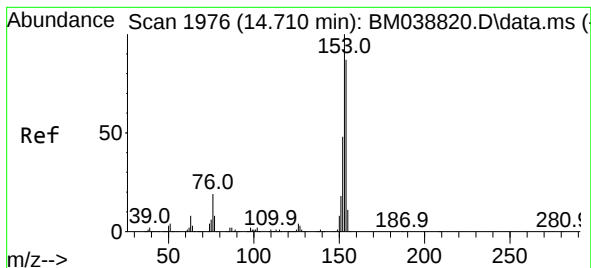
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#51
3-Nitroaniline
Concen: 3.429 ng/ul
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

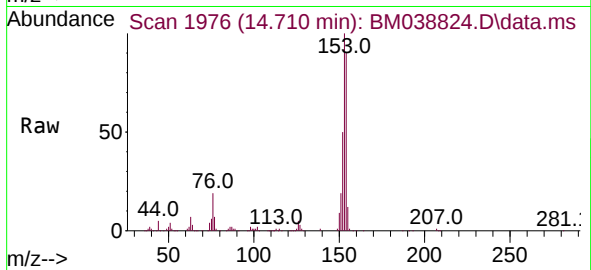
Tgt Ion:138 Resp: 33704
Ion Ratio Lower Upper
138 100
108 18.5 10.3 15.5#
92 117.2 97.7 146.5





#52
Acenaphthene
Concen: 4.901 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

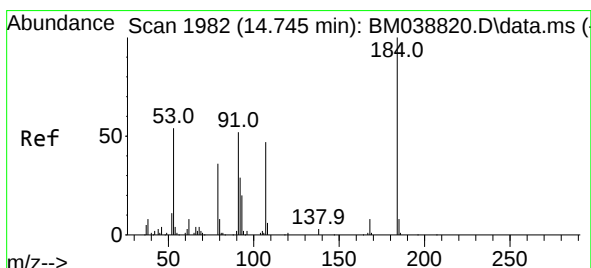
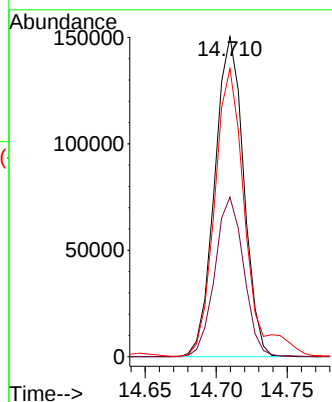
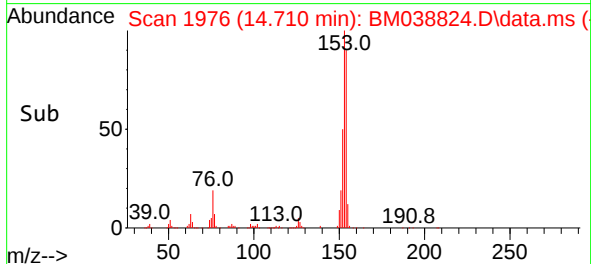
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



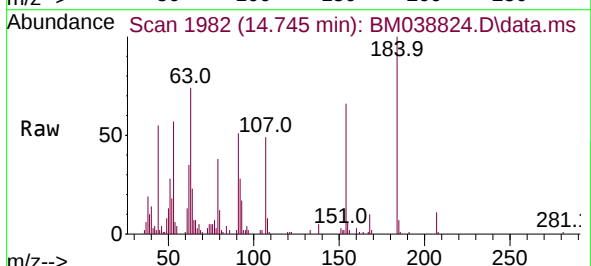
Tgt Ion:153 Resp: 213578
Ion Ratio Lower Upper
153 100
152 49.8 39.1 58.7
154 90.0 70.4 105.6

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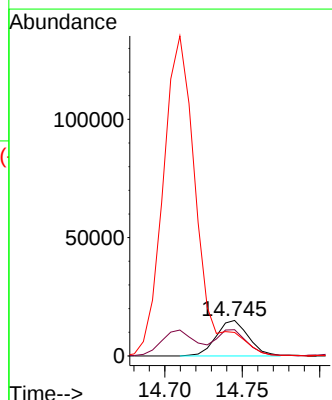
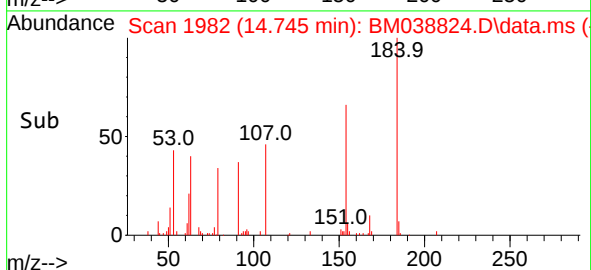
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

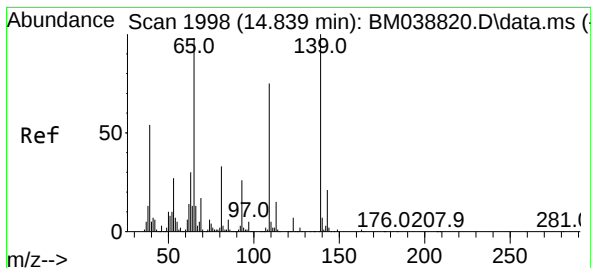


#53
2,4-Dinitrophenol
Concen: 4.878 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



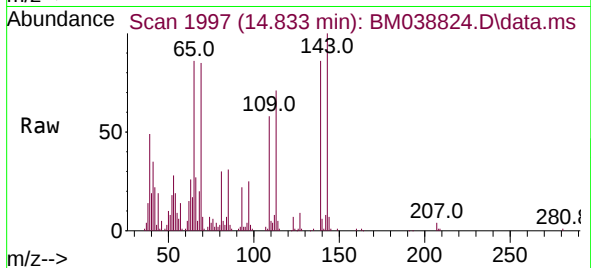
Tgt Ion:184 Resp: 21720
Ion Ratio Lower Upper
184 100
63 73.8 61.9 92.9
154 66.3 50.7 76.1





#55
4-Nitrophenol
Concen: 4.416 ng/ul m
RT: 14.833 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

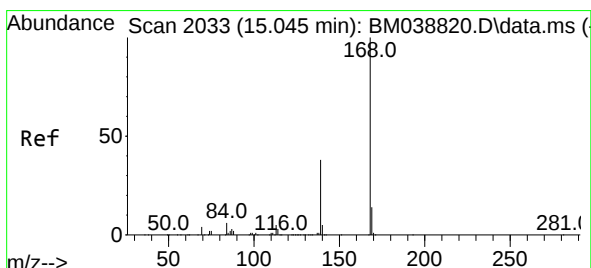
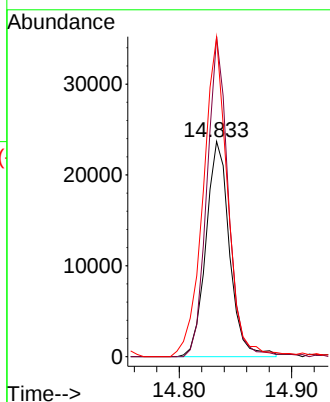
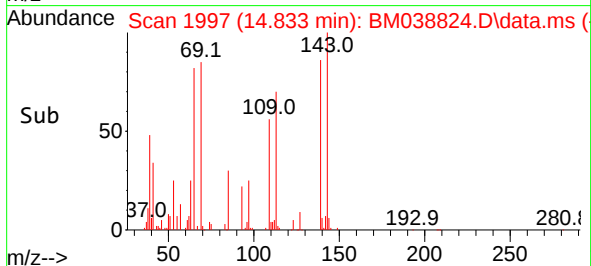
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:109 Resp: 34484
Ion Ratio Lower Upper
109 100
139 148.7 108.8 163.2
65 148.5 107.8 161.6

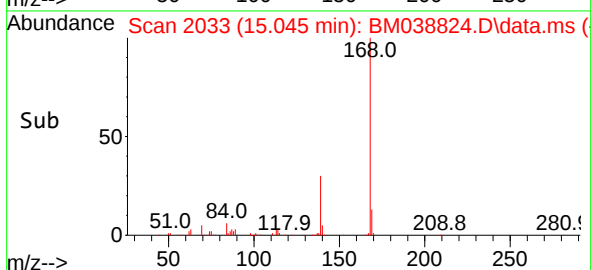
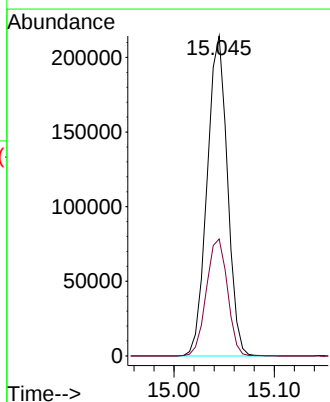
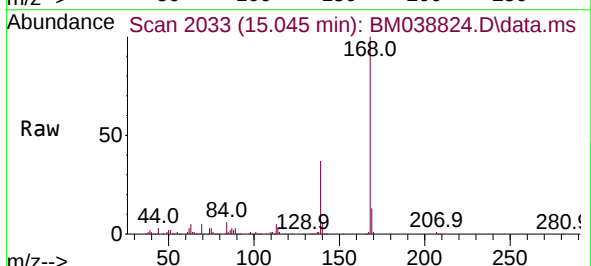
Manual Integrations
APPROVED

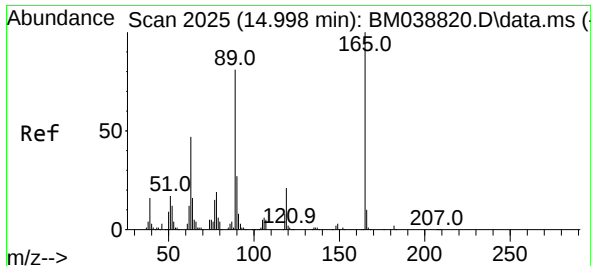
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#56
Dibenzofuran
Concen: 4.979 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

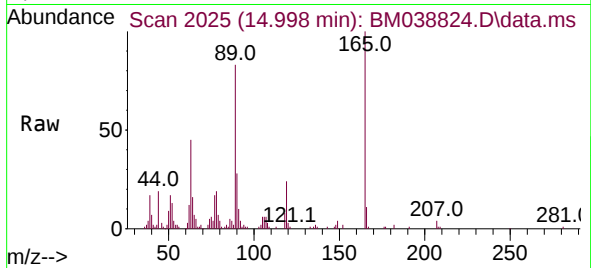
Tgt Ion:168 Resp: 301257
Ion Ratio Lower Upper
168 100
139 36.5 30.9 46.3





#57
2,4-Dinitrotoluene
Concen: 3.899 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

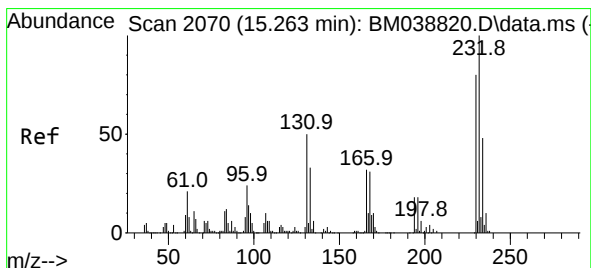
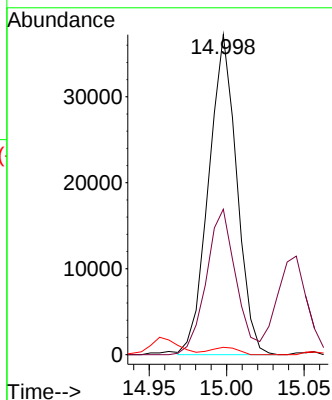
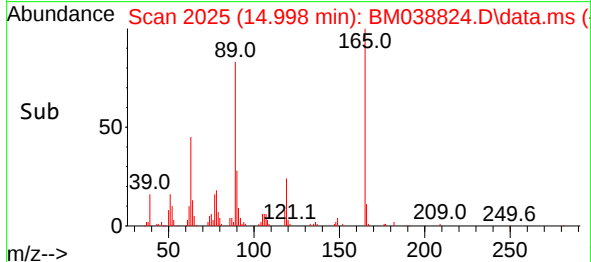
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:165 Resp: 47210
Ion Ratio Lower Upper
165 100
63 45.4 38.9 58.3
182 2.3 2.2 3.2

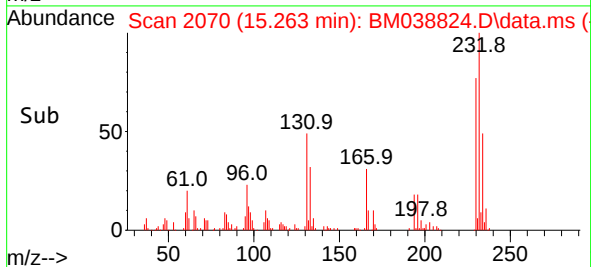
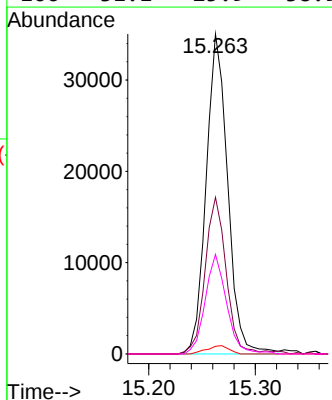
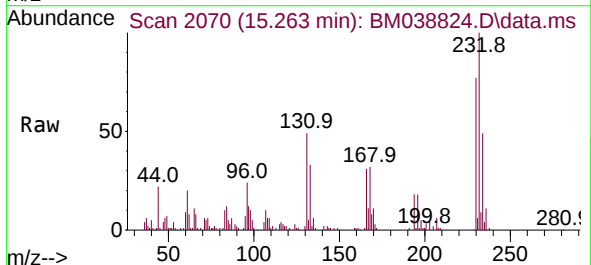
Manual Integrations
APPROVED

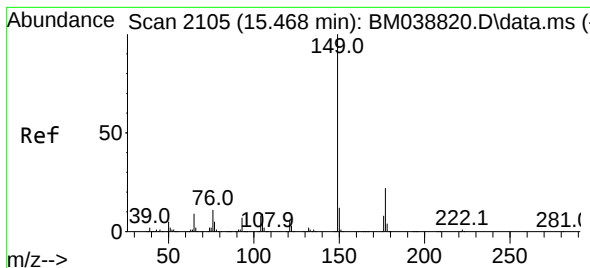
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.321 ng/ul
RT: 15.263 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

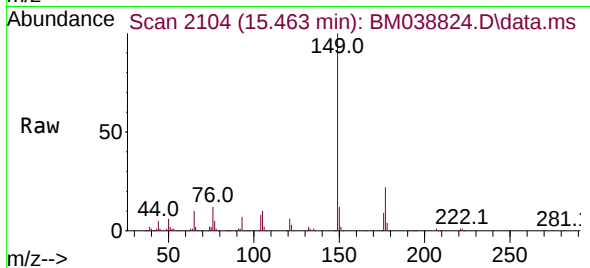
Tgt Ion:232 Resp: 49255
Ion Ratio Lower Upper
232 100
131 48.9 40.6 60.8
130 2.4 2.0 3.0
166 31.1 25.9 38.9





#59
Diethylphthalate
Concen: 4.675 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

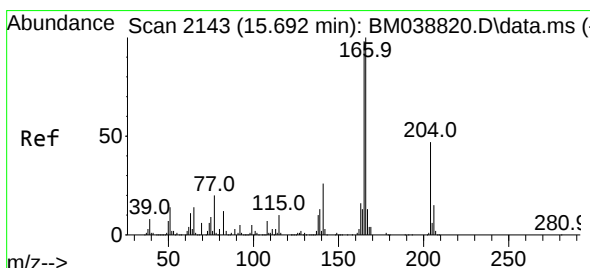
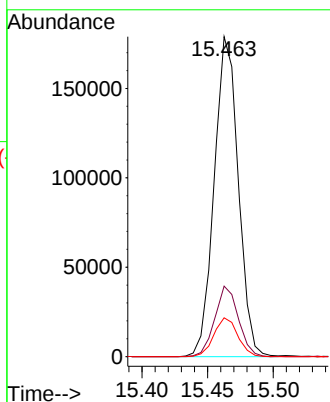
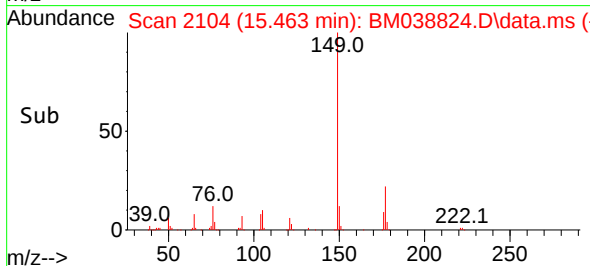
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:149 Resp: 228974
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.1 10.1 15.1

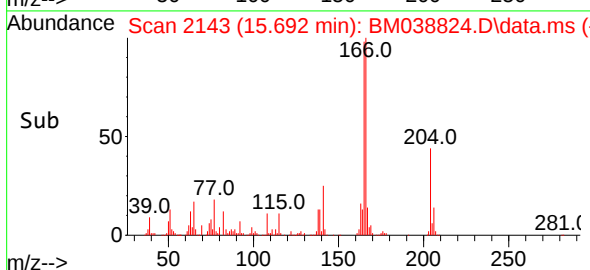
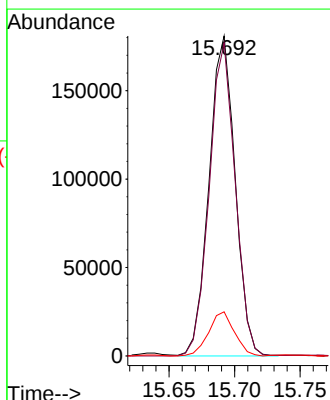
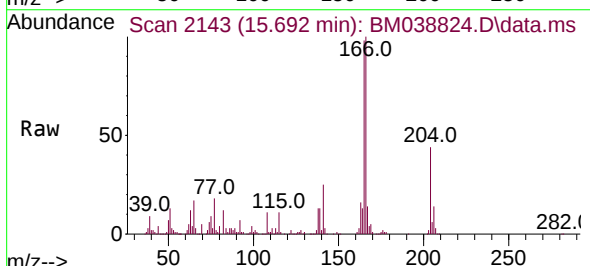
Manual Integrations
APPROVED

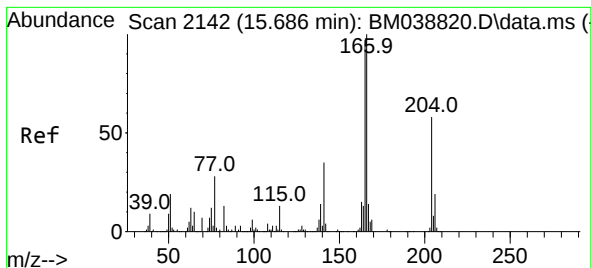
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#61
Fluorene
Concen: 4.939 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

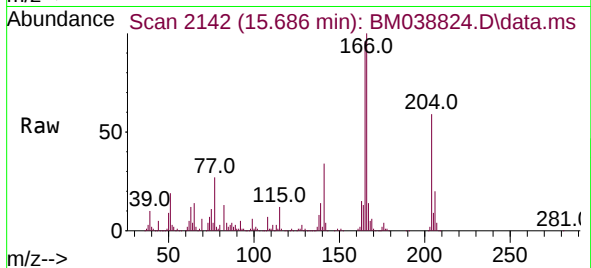
Tgt Ion:166 Resp: 250540
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.4
167 13.8 10.5 15.7





#62
4-Chlorophenyl-phenylether
Concen: 4.984 ng/ul
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

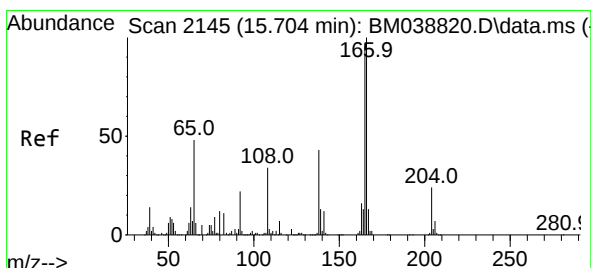
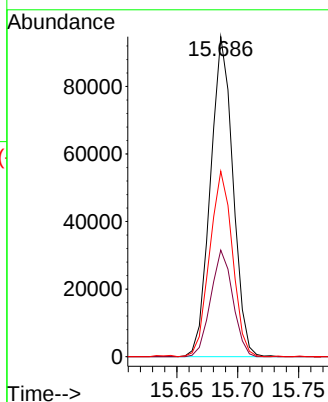
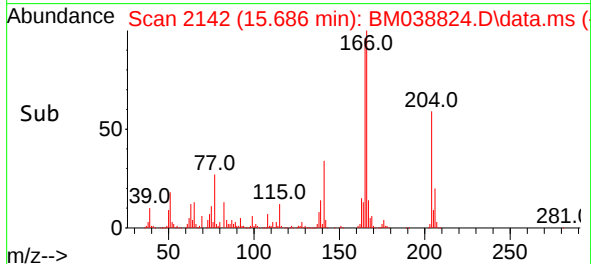
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



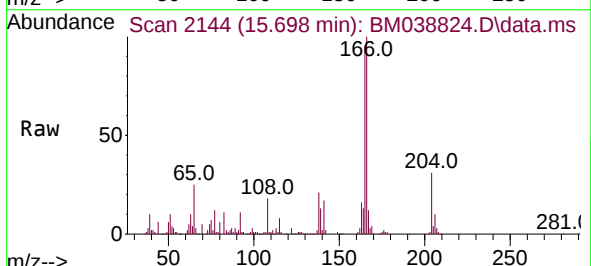
Tgt Ion:204 Resp: 122063
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 57.9 45.5 68.3

Manual Integrations
APPROVED

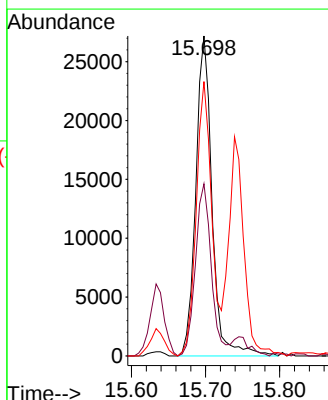
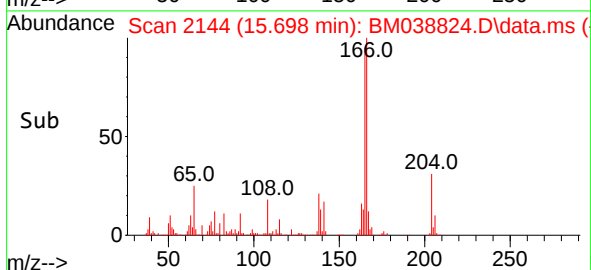
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

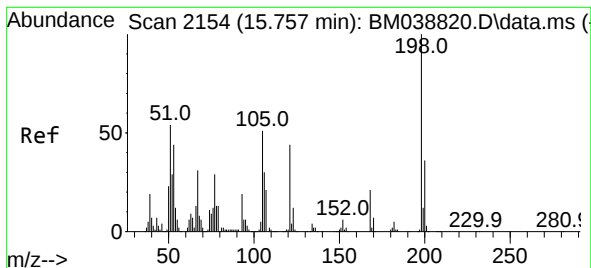


#63
4-Nitroaniline
Concen: 4.070 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



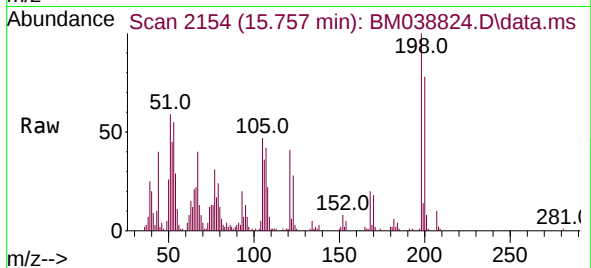
Tgt Ion:138 Resp: 41383
Ion Ratio Lower Upper
138 100
92 53.8 41.8 62.8
108 85.7 65.0 97.6





#66
4,6-Dinitro-2-methylphenol
Concen: 4.048 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

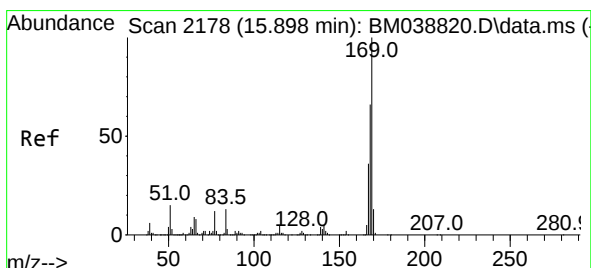
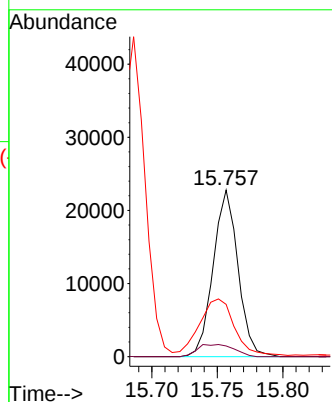
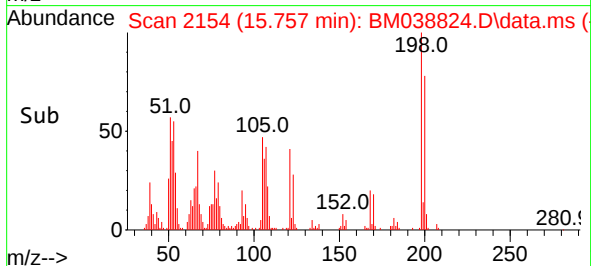
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:198 Resp: 3005
Ion Ratio Lower Upper
198 100
182 6.4 3.5 5.3
77 31.4 21.0 31.6

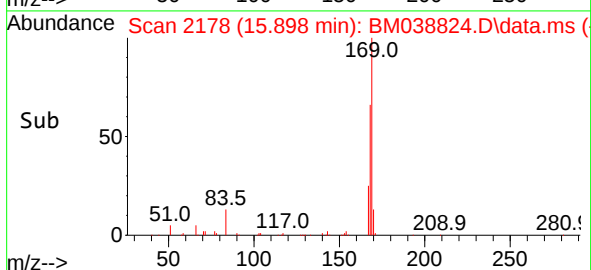
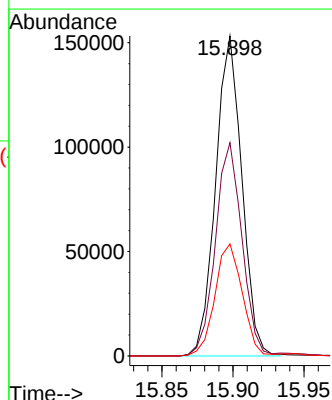
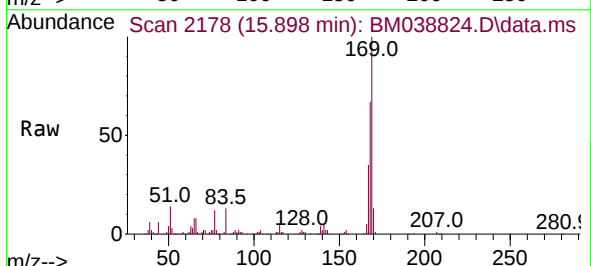
Manual Integrations
APPROVED

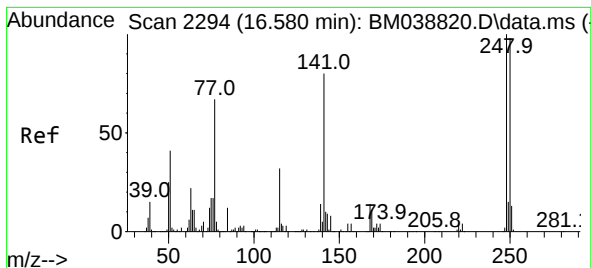
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#67
N-Nitrosodiphenylamine
Concen: 4.723 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

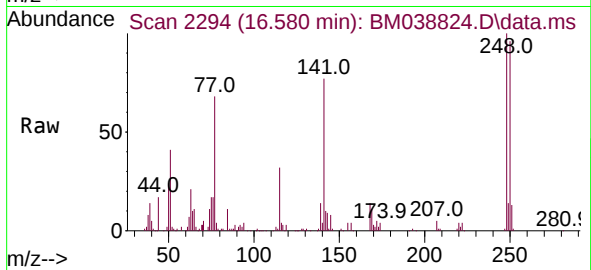
Tgt Ion:169 Resp: 197104
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 35.0 29.1 43.7





#68
4-Bromophenyl-phenylether
Concen: 4.620 ng/ul
RT: 16.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

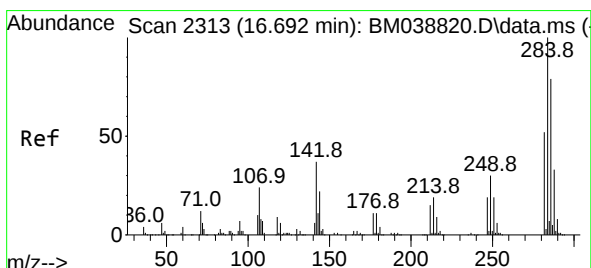
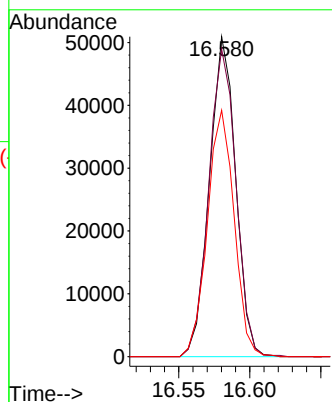
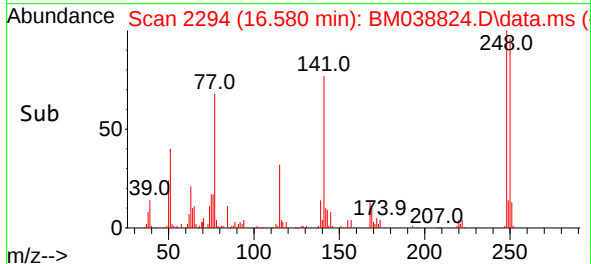
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



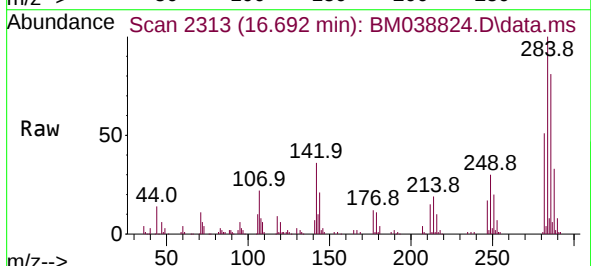
Tgt Ion:248 Resp: 65611
Ion Ratio Lower Upper
248 100
250 96.1 77.6 116.4
141 77.0 63.7 95.5

Manual Integrations
APPROVED

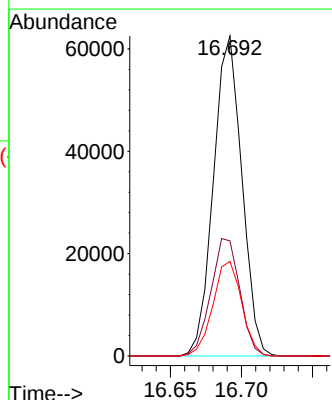
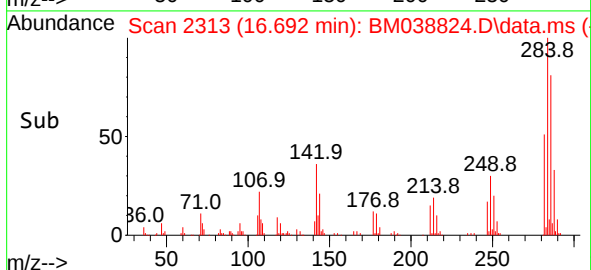
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

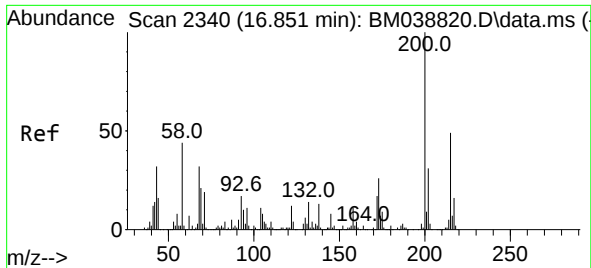


#69
Hexachlorobenzene
Concen: 5.056 ng/ul
RT: 16.692 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



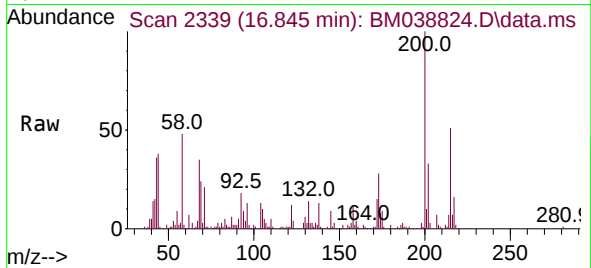
Tgt Ion:284 Resp: 86968
Ion Ratio Lower Upper
284 100
142 35.9 29.4 44.2
249 29.5 24.0 36.0





#70
Atrazine
Concen: 3.964 ng/ul
RT: 16.845 min Scan# 2339
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

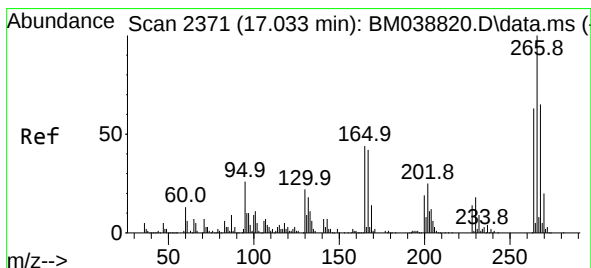
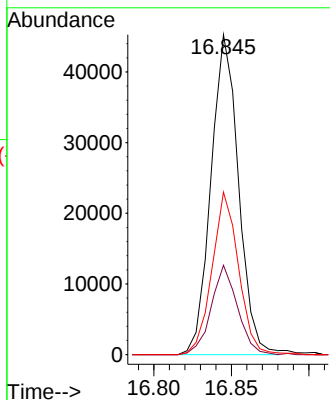
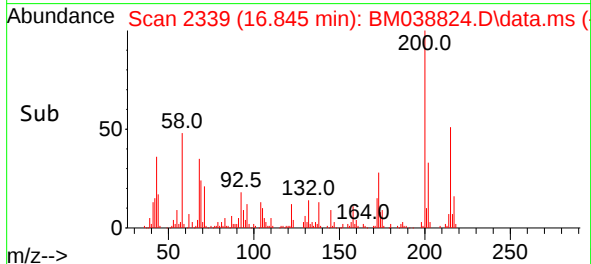
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



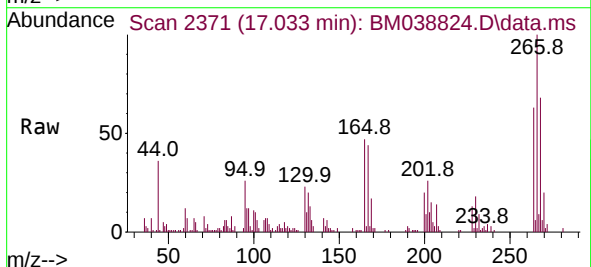
Tgt Ion:200 Resp: 55962
Ion Ratio Lower Upper
200 100
173 27.9 21.3 31.9
215 50.8 38.0 57.0

Manual Integrations
APPROVED

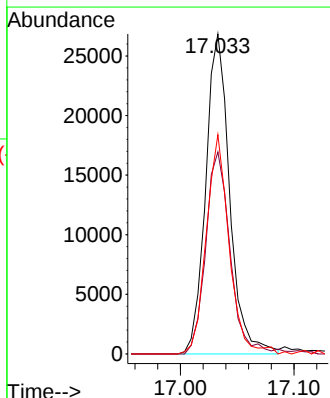
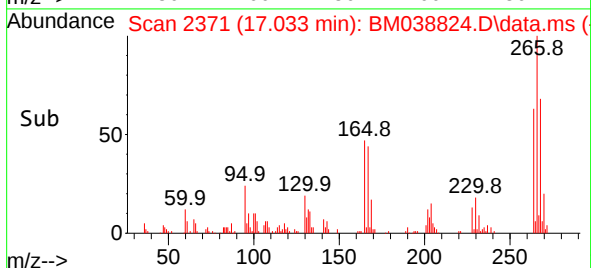
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

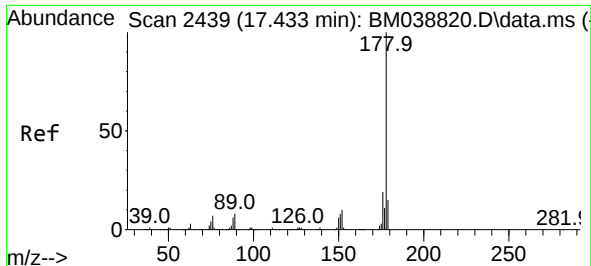


#71
Pentachlorophenol
Concen: 3.770 ng/ul
RT: 17.033 min Scan# 2371
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



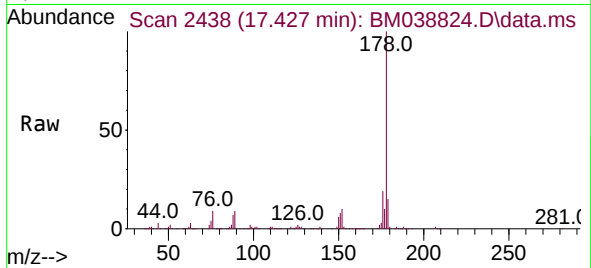
Tgt Ion:266 Resp: 39433
Ion Ratio Lower Upper
266 100
264 63.1 51.0 76.6
268 68.5 51.7 77.5





#72
Phenanthrene
Concen: 4.956 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

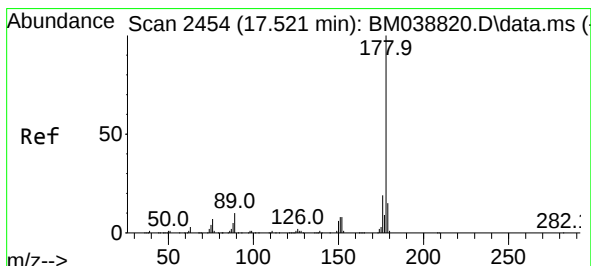
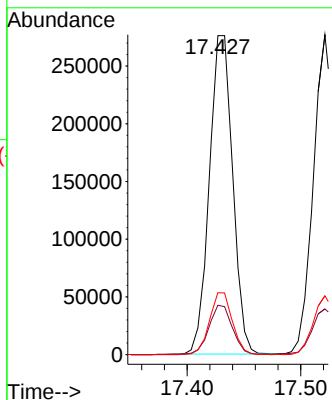
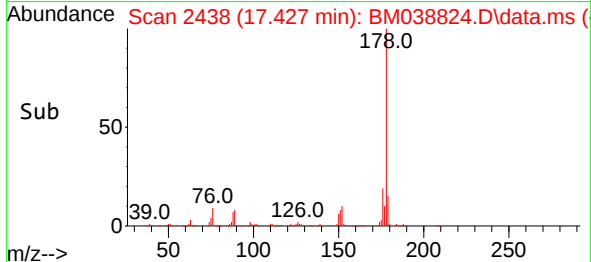
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



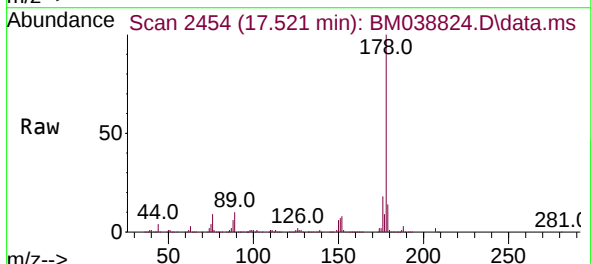
Tgt Ion:178 Resp: 395096
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.4 15.7 23.5

Manual Integrations
APPROVED

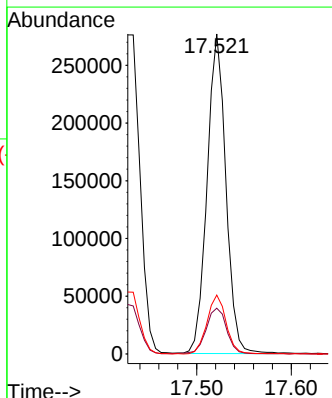
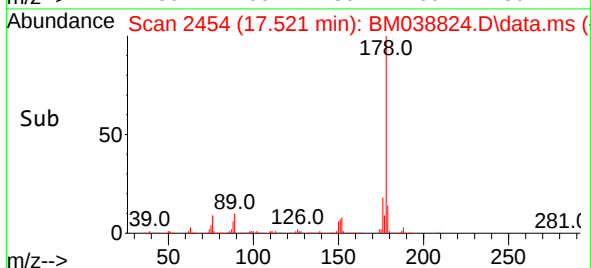
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

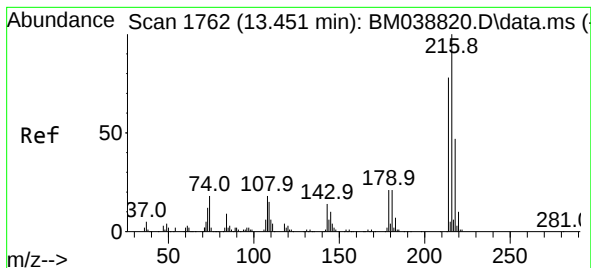


#74
Anthracene
Concen: 4.710 ng/ul
RT: 17.521 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



Tgt Ion:178 Resp: 382342
Ion Ratio Lower Upper
178 100
179 14.3 12.5 18.7
176 18.4 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.840 ng/uL

RT: 13.451 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

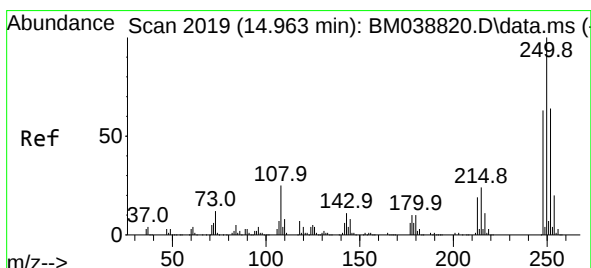
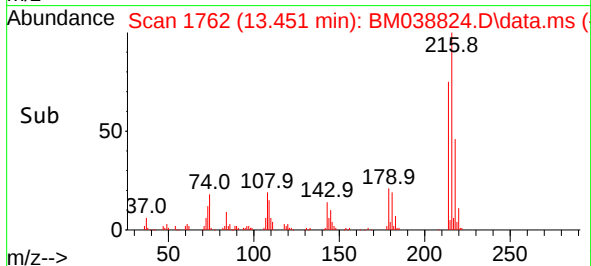
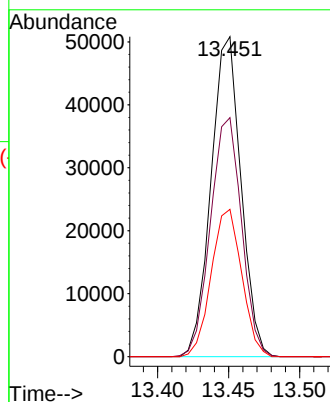
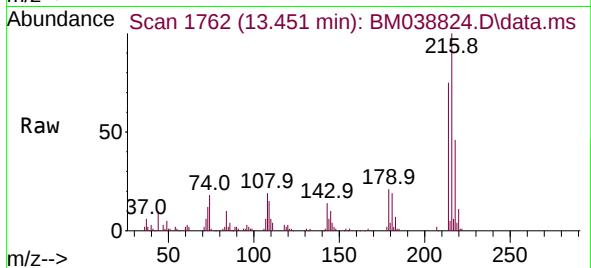
Tgt Ion:	216	Resp:	74682
Ion Ratio	Lower	Upper	
216	100		
214	74.7	62.4	93.6
218	46.0	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#76

Pentachlorobenzene

Concen: 3.655 ng/uL

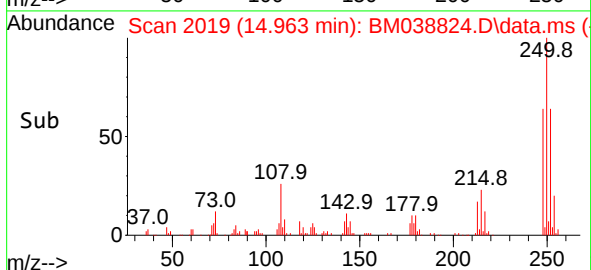
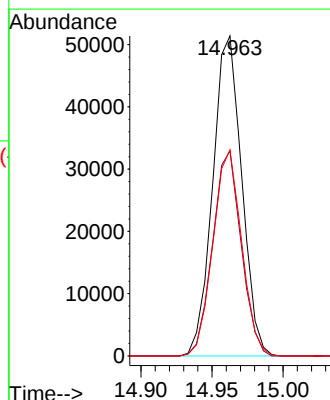
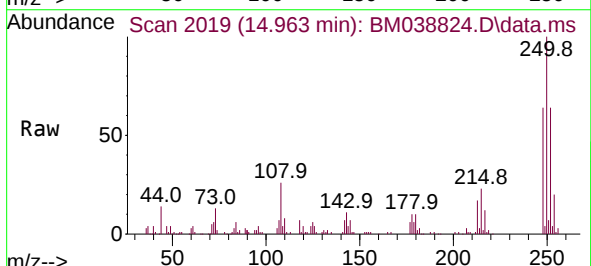
RT: 14.963 min Scan# 2019

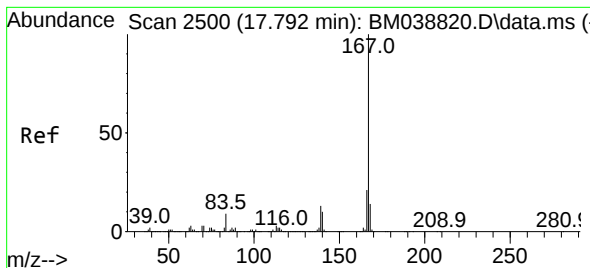
Delta R.T. -0.000 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

Tgt Ion:	250	Resp:	73034
Ion Ratio	Lower	Upper	
250	100		
248	64.1	49.6	74.4
252	64.4	51.2	76.8





#77

Carbazole

Concen: 4.502 ng/ul

RT: 17.786 min Scan# 2499

Delta R.T. -0.006 min

Lab File: BM038824.D

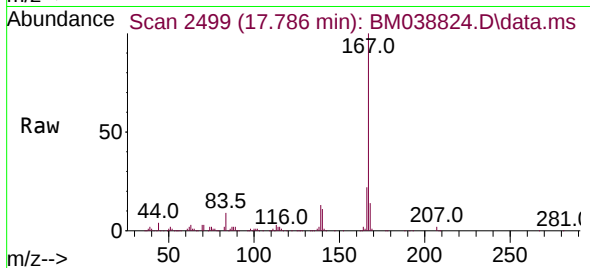
Acq: 01 Mar 2023 12:14

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01



Tgt Ion:167 Resp: 339332

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

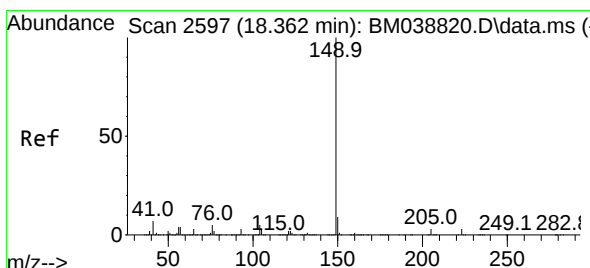
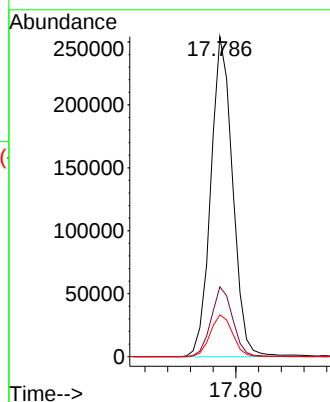
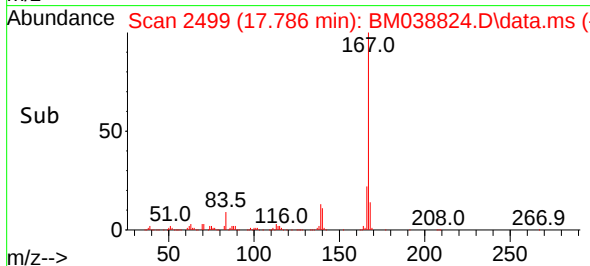
139 13.0 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#78

Di-n-butylphthalate

Concen: 4.169 ng/ul

RT: 18.362 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

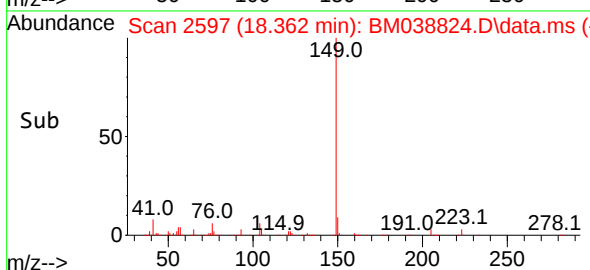
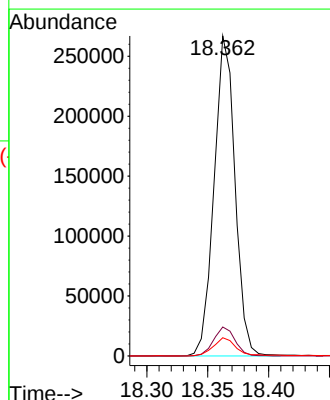
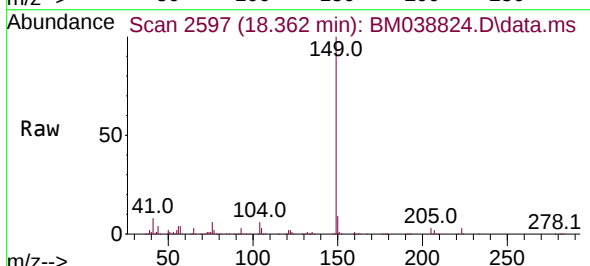
Tgt Ion:149 Resp: 319695

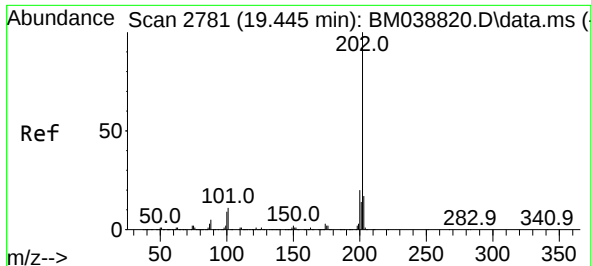
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

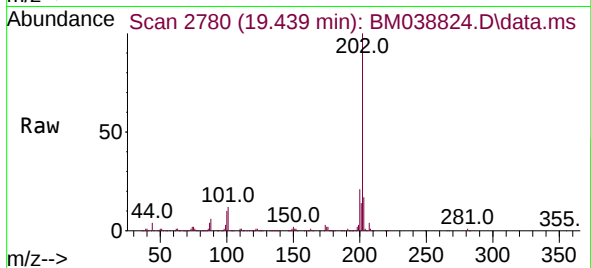
104 5.7 4.2 6.4





#80
Fluoranthene
Concen: 4.925 ng/ul
RT: 19.439 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

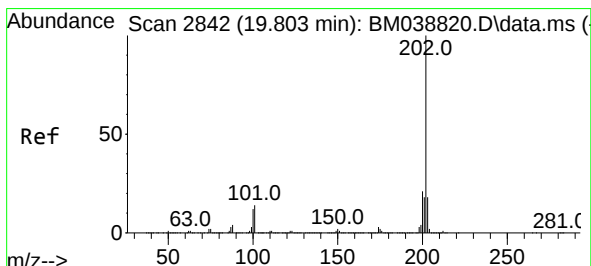
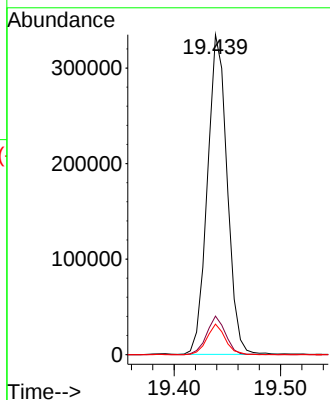
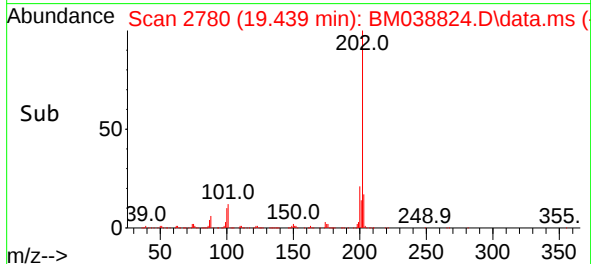
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



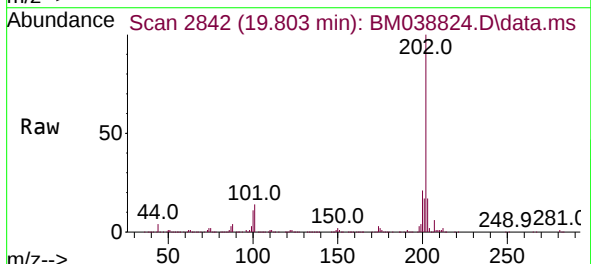
Tgt Ion:202 Resp: 431817
Ion Ratio Lower Upper
202 100
101 12.0 9.0 13.4
100 9.5 6.9 10.3

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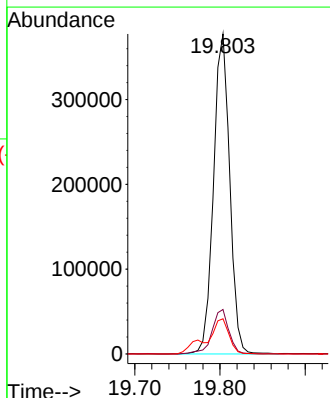
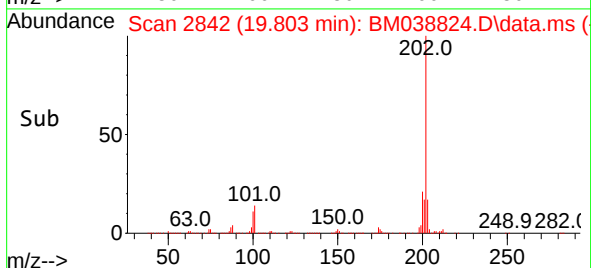
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

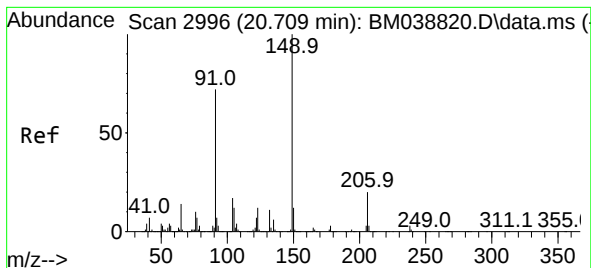


#82
Pyrene
Concen: 5.181 ng/ul
RT: 19.803 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



Tgt Ion:202 Resp: 498092
Ion Ratio Lower Upper
202 100
101 13.9 11.2 16.8
100 11.0 9.1 13.7





#83

Butylbenzylphthalate

Concen: 3.856 ng/ul

RT: 20.703 min Scan# 2996

Delta R.T. -0.006 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

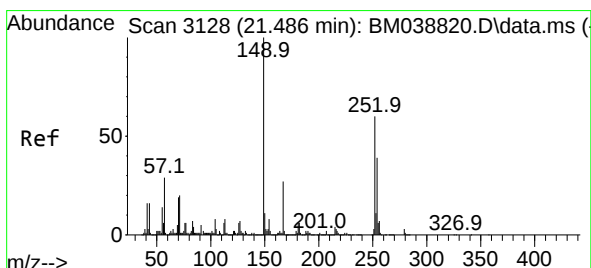
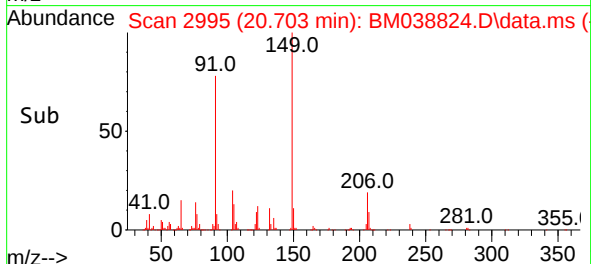
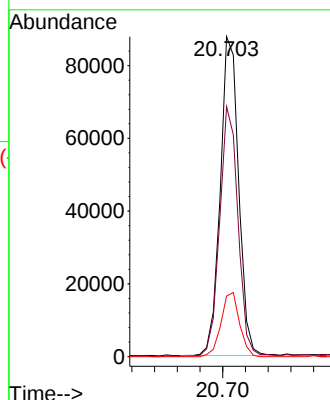
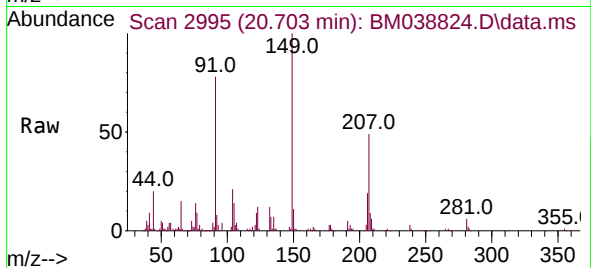
Tgt Ion:	149	Resp:	98500
Ion Ratio	Lower	Upper	
149	100		
91	78.1	60.5	90.7
206	18.9	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.761 ng/ul

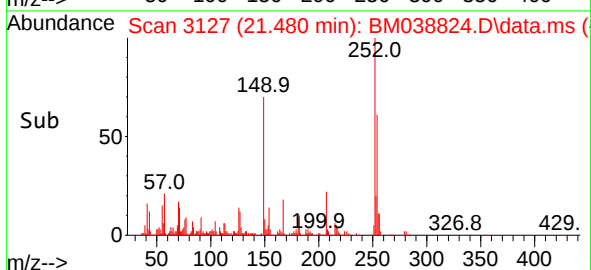
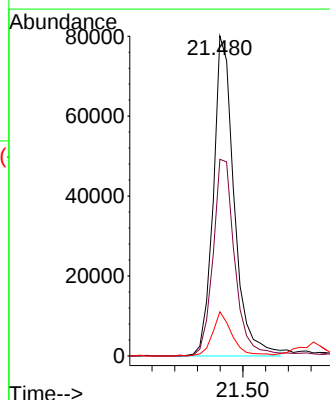
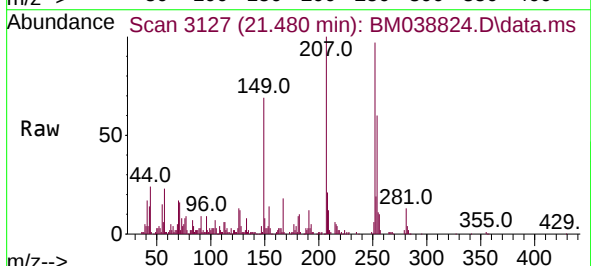
RT: 21.480 min Scan# 3127

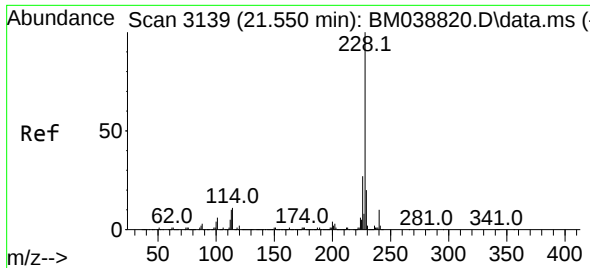
Delta R.T. -0.006 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

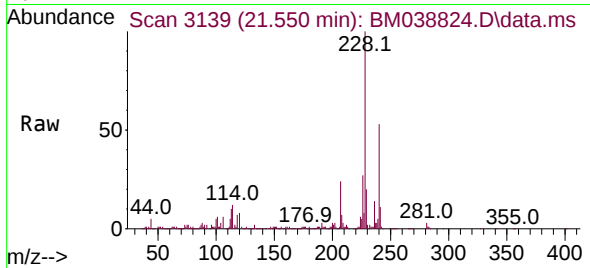
Tgt Ion:	252	Resp:	102145
Ion Ratio	Lower	Upper	
252	100		
254	61.4	51.8	77.6
126	13.8	9.0	13.4





#85
Benzo(a)anthracene
Concen: 4.839 ng/ul
RT: 21.550 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

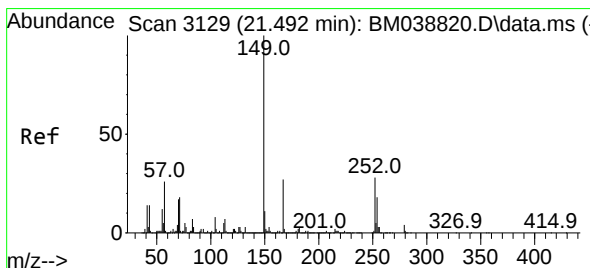
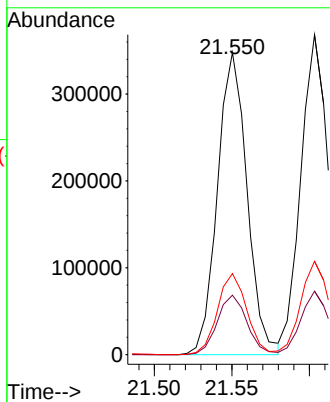
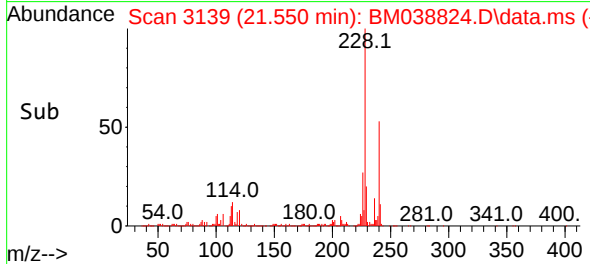
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:228 Resp: 463427
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 26.8 21.4 32.2

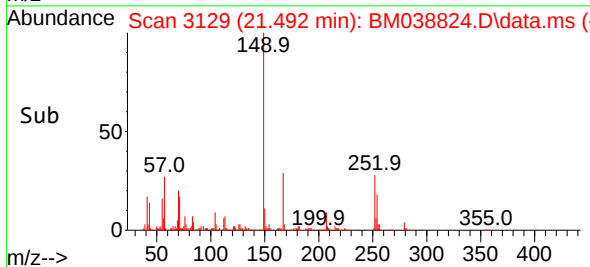
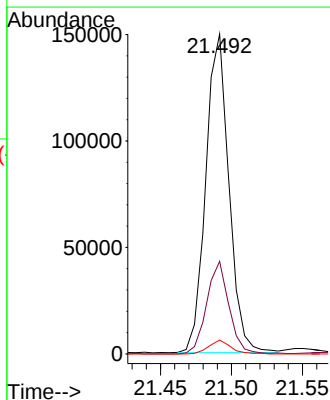
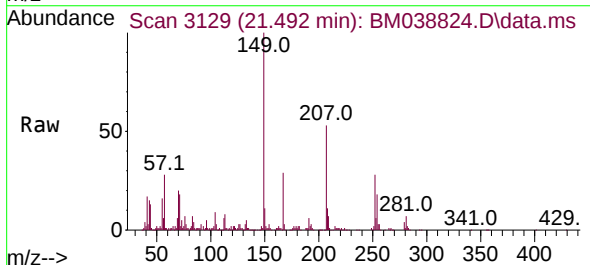
Manual Integrations
APPROVED

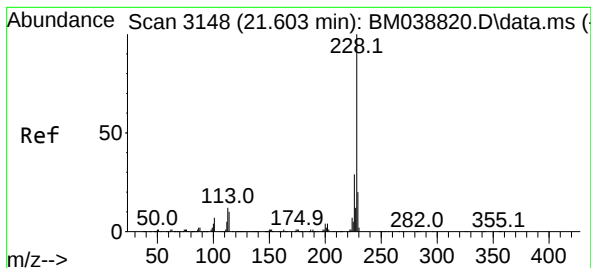
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.986 ng/ul
RT: 21.492 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

Tgt Ion:149 Resp: 169255
Ion Ratio Lower Upper
149 100
167 28.9 21.4 32.2
279 4.3 3.1 4.7





#87

Chrysene

Concen: 4.975 ng/ul

RT: 21.603 min Scan# 3148

Delta R.T. -0.006 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

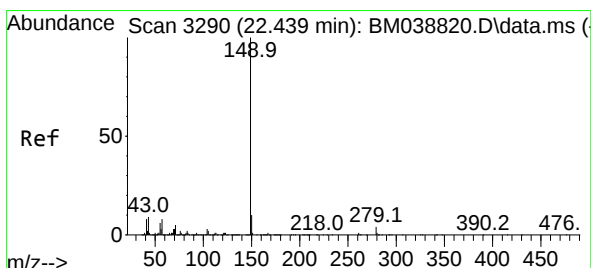
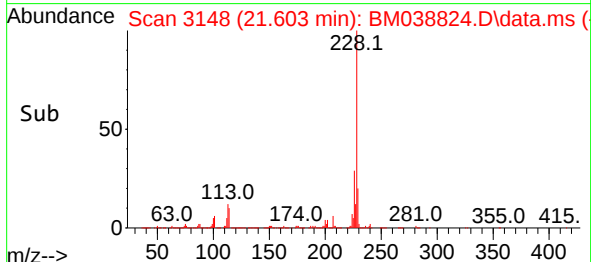
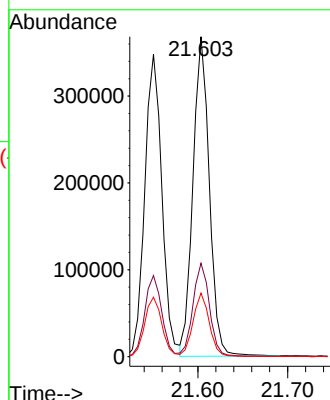
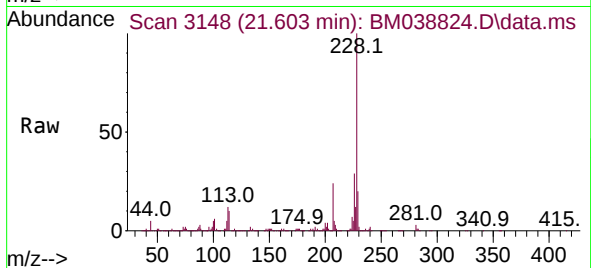
Tgt Ion:228 Resp: 465872
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.6 35.4
 229 19.8 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#89

Di-n-octyl phthalate

Concen: 3.304 ng/ul

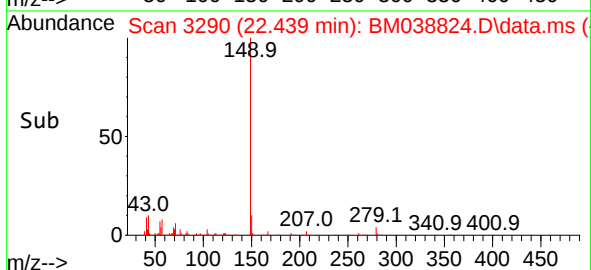
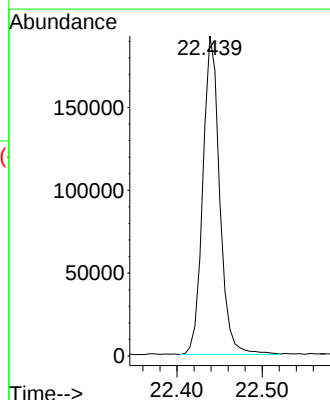
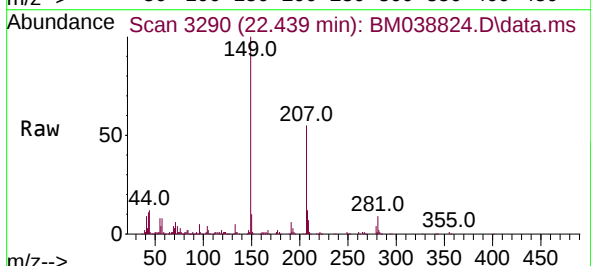
RT: 22.439 min Scan# 3290

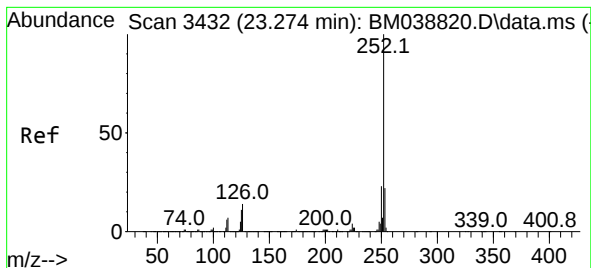
Delta R.T. -0.006 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

Tgt Ion:149 Resp: 264348





#90

Benzo(b)fluoranthene

Concen: 4.640 ng/ul

RT: 23.268 min Scan# 3432

Delta R.T. -0.006 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

Tgt Ion:252 Resp: 45837

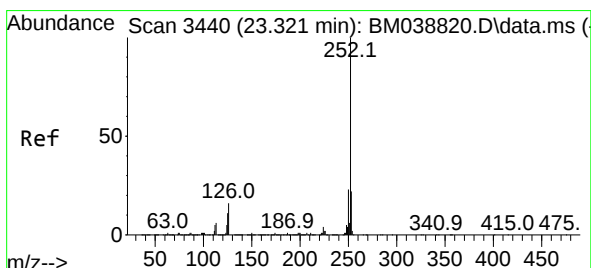
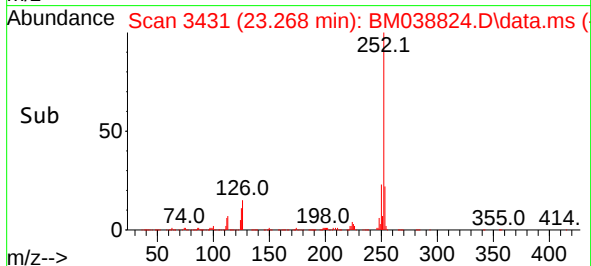
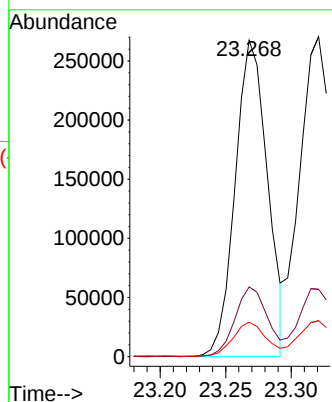
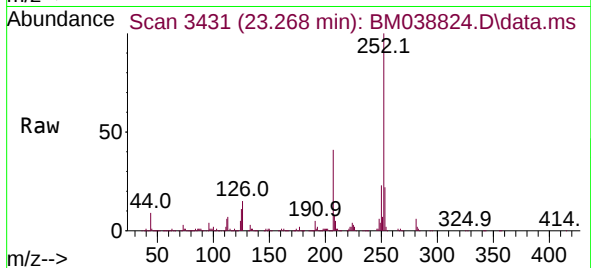
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#91

Benzo(k)fluoranthene

Concen: 4.937 ng/ul

RT: 23.321 min Scan# 3440

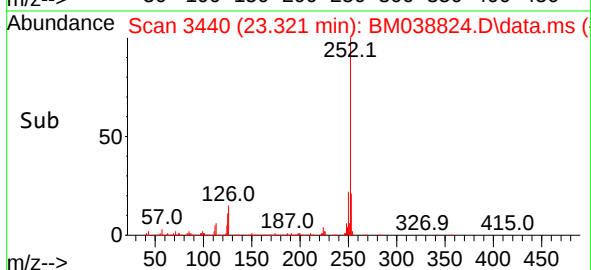
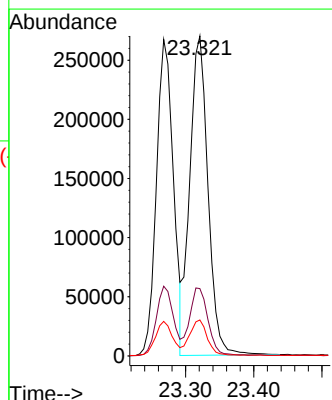
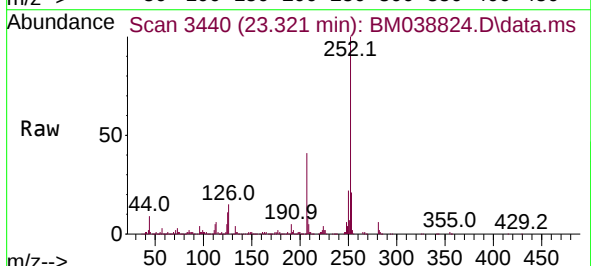
Delta R.T. -0.006 min

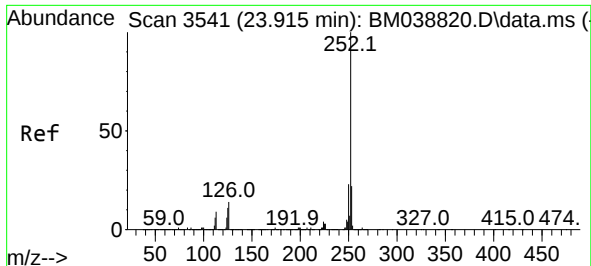
Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

Tgt Ion:252 Resp: 501030

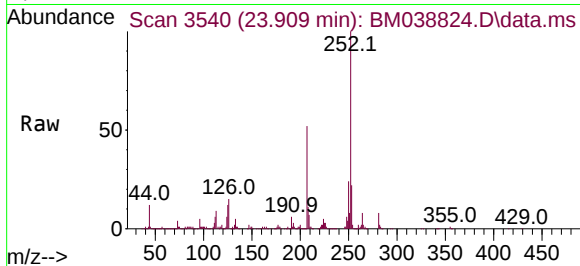
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	11.2	8.4	12.6





#93
Benzo(a)pyrene
Concen: 4.938 ng/ul
RT: 23.909 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14

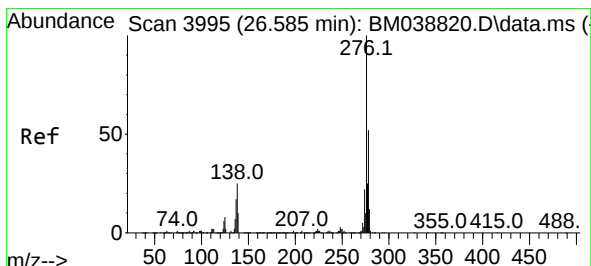
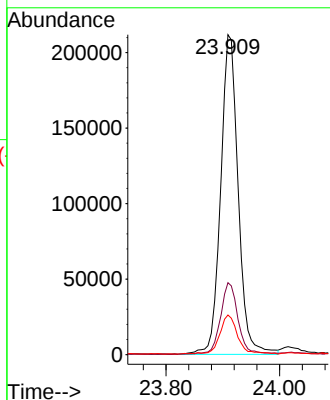
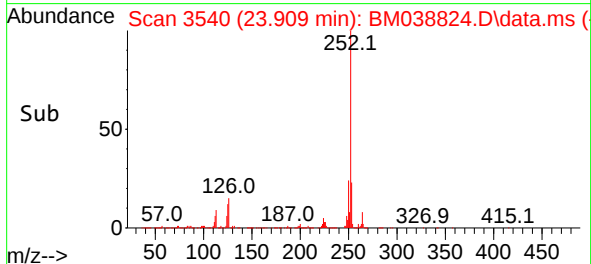
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



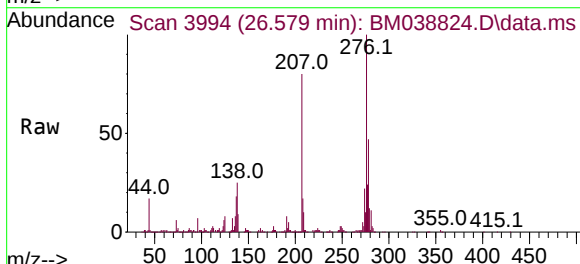
Tgt Ion:252 Resp: 451913
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 12.4 9.4 14.2

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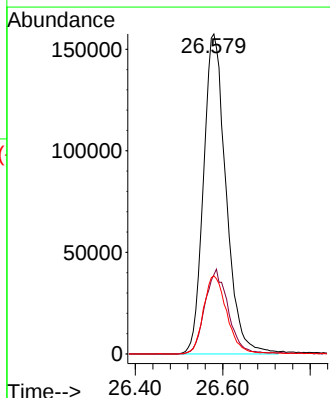
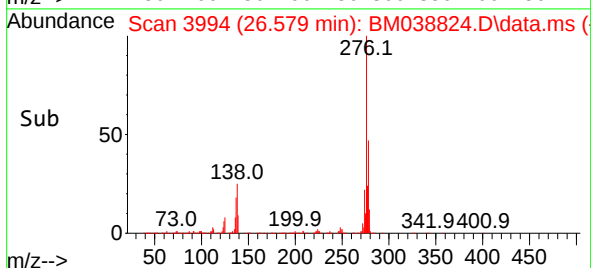
Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/03/2023

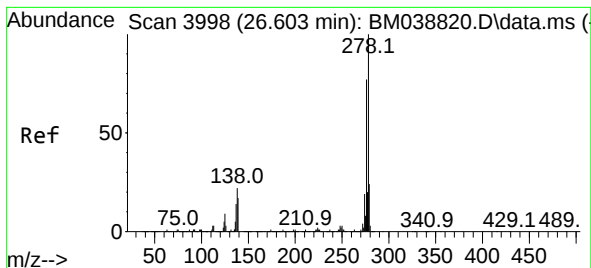


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.654 ng/ul
RT: 26.579 min Scan# 3994
Delta R.T. -0.012 min
Lab File: BM038824.D
Acq: 01 Mar 2023 12:14



Tgt Ion:276 Resp: 562999
Ion Ratio Lower Upper
276 100
138 24.7 20.2 30.4
277 24.4 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 4.659 ng/ul

RT: 26.609 min Scan# 3998

Delta R.T. -0.006 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

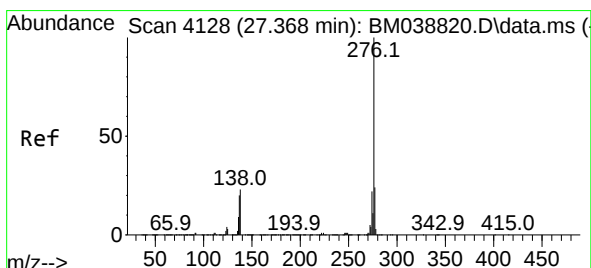
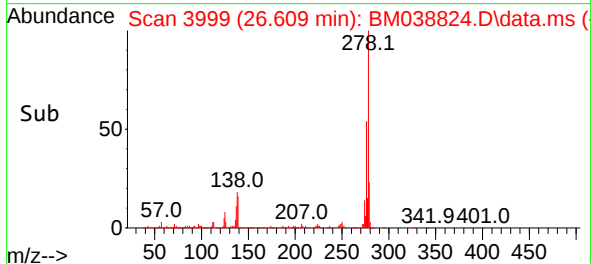
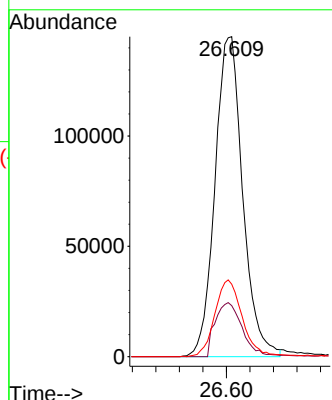
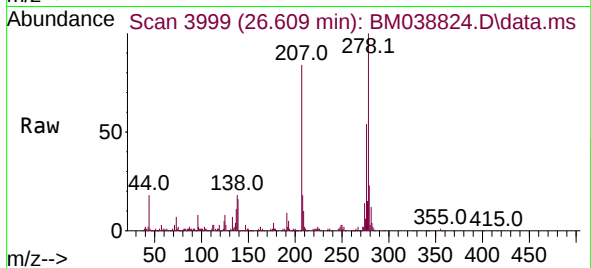
Tgt Ion:	278	Resp:	475519
Ion Ratio	Lower	Upper	
278	100		
139	15.9	13.4	20.2
279	22.6	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/02/2023

Supervised By :Jagrut Upadhyay 03/03/2023



#96

Benzo(g,h,i)perylene

Concen: 4.733 ng/ul

RT: 27.362 min Scan# 4127

Delta R.T. -0.012 min

Lab File: BM038824.D

Acq: 01 Mar 2023 12:14

Tgt Ion:	276	Resp:	468864
Ion Ratio	Lower	Upper	
276	100		
138	22.7	19.4	29.0
277	23.2	18.7	28.1

