

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011524\
 Data File : BM043838.D
 Acq On : 15 Jan 2024 12:49
 Operator : MA/JU
 Sample : 04696-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-08

Quant Time: Jan 16 01:25:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 01:07:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	236075	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	1086952	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	708131	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	1510038	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1328772	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	1428014	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	33255	5.439	ng/uL	0.00
4) Pyridine-d5	3.775	84	464347	24.654	ng/u1	0.00
7) Phenol-d5	7.110	99	548484	22.958	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	370957	24.917	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.469	132	422982	24.338	ng/u1	-0.01
15) 4-Methylphenol-d8	8.663	113	440735	23.159	ng/u1	-0.01
21) Nitrobenzene-d5	9.122	128	220633	24.220	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	240530	23.449	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	415107	22.598	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	627413	21.565	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1385000	23.350	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1646708	24.373	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	229995	19.825	ng/u1	-0.01
60) Fluorene-d10	15.586	176	1249795	25.038	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	193427	18.143	ng/u1	0.00
73) Anthracene-d10	17.445	188	1801698	23.446	ng/u1	0.00
81) Pyrene-d10	19.733	212	2053415	25.020	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	1959833	24.862	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	6946	1.083	ng/uL#	83
5) Pyridine	3.805	79	75876	3.926	ng/u1#	58
6) Benzaldehyde	7.099	77	62774m	6.657	ng/u1	
8) Phenol	7.140	94	91610	3.818	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.381	93	77749	4.019	ng/u1	98
12) 2-Chlorophenol	7.505	128	71402	3.958	ng/u1	96
13) 2-Methylphenol	8.399	108	62489	3.381	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	135732	4.161	ng/u1	96
16) Acetophenone	8.787	105	114805	3.891	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	64381	3.947	ng/u1	96
18) 4-Methylphenol	8.728	108	73928	3.682	ng/u1	93
19) Hexachloroethane	9.010	117	32370	4.141	ng/u1	94
22) Nitrobenzene	9.163	77	92344	4.066	ng/u1	100
23) Isophorone	9.693	82	169783	3.644	ng/u1	98
25) 2-Nitrophenol	9.875	139	41229	3.803	ng/u1	94
26) 2,4-Dimethylphenol	9.934	107	76605	3.643	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	105773	3.828	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	68980	3.788	ng/u1	90
30) Naphthalene	10.804	128	254162	4.019	ng/u1	99
32) 4-Chloroaniline	10.934	127	103485	3.660	ng/u1	100
33) Hexachlorobutadiene	11.069	225	40607	3.985	ng/u1	97
34) Caprolactam	11.757	113	35727	5.449	ng/u1	91
35) 4-Chloro-3-methylphenol	12.063	107	69686	3.453	ng/u1	99
36) 2-Methylnaphthalene	12.416	142	168792	3.829	ng/u1	99

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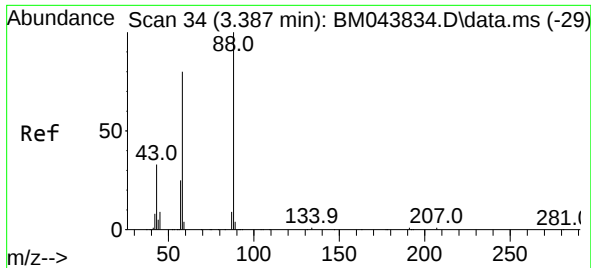
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Manual Integrations
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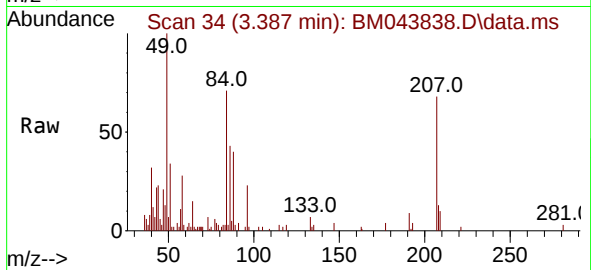
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	179311	4.079	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	80311	3.813	ng/ul	96
40) Hexachlorocyclopentadiene	12.739	237	57582	4.088	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	48559	3.247	ng/ul	95
42) 2,4,5-Trichlorophenol	13.110	196	53179	3.349	ng/ul	95
43) 1,1'-Biphenyl	13.428	154	230037	3.804	ng/ul	100
44) 2-Chloronaphthalene	13.469	162	179294	3.848	ng/ul	98
45) 2-Nitroaniline	13.698	65	48728	3.314	ng/ul	96
47) Dimethylphthalate	14.057	163	228056	3.825	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	36321	3.074	ng/ul#	81
50) Acenaphthylene	14.310	152	304011	3.853	ng/ul	99
51) 3-Nitroaniline	14.528	138	38572	3.087	ng/ul#	98
52) Acenaphthene	14.651	153	204960	3.917	ng/ul	98
53) 2,4-Dinitrophenol	14.739	184	44569	6.070	ng/ul	95
55) 4-Nitrophenol	14.833	109	31006	3.503	ng/ul	95
56) Dibenzofuran	14.992	168	274860	3.910	ng/ul	98
57) 2,4-Dinitrotoluene	14.980	165	56573	3.250	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.222	232	44106	3.334	ng/ul	97
59) Diethylphthalate	15.416	149	226769	3.568	ng/ul	98
61) Fluorene	15.639	166	232835	3.864	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	103906	3.683	ng/ul	98
63) 4-Nitroaniline	15.692	138	37286	3.714	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	43163	3.761	ng/ul#	81
67) N-Nitrosodiphenylamine	15.857	169	181333	3.649	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	60634	3.589	ng/ul	98
69) Hexachlorobenzene	16.633	284	73365	3.681	ng/ul	98
70) Atrazine	16.816	200	81122	4.513	ng/ul	97
71) Pentachlorophenol	16.992	266	60663	4.841	ng/ul	100
72) Phenanthrene	17.386	178	352633	3.803	ng/ul	99
74) Anthracene	17.474	178	347989	3.687	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.386	216	77783	3.674	ng/uL	97
76) Pentachlorobenzene	14.904	250	86848	4.021	ng/uL	98
77) Carbazole	17.763	167	294054	3.361	ng/ul	99
78) Di-n-butylphthalate	18.316	149	363337	3.058	ng/ul	99
80) Fluoranthene	19.404	202	374465	3.729	ng/ul	99
82) Pyrene	19.763	202	414165	3.980	ng/ul	98
83) Butylbenzylphthalate	20.668	149	152294	3.095	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.457	252	103186	3.226	ng/ul	96
85) Benzo(a)anthracene	21.515	228	385683	3.801	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	235627	3.007	ng/ul	99
87) Chrysene	21.568	228	351602	3.839	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	377436	2.839	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	362418	3.621	ng/ul	98
91) Benzo(k)fluoranthene	23.262	252	361323	3.665	ng/ul	99
93) Benzo(a)pyrene	23.845	252	343722	3.752	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.480	276	407422	3.897	ng/ul	99
95) Dibenzo(a,h)anthracene	26.497	278	328085	3.787	ng/ul	98
96) Benzo(g,h,i)perylene	27.256	276	319453	4.023	ng/ul	99

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



#2
1,4-Dioxane
Concen: 1.083 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

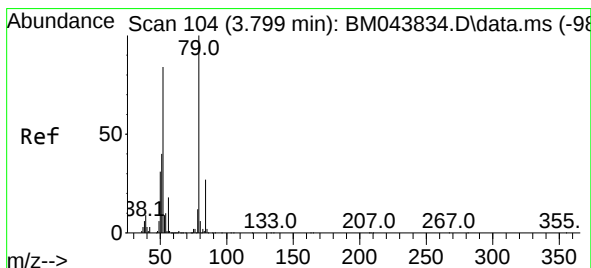
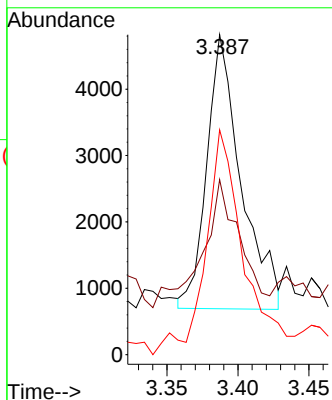
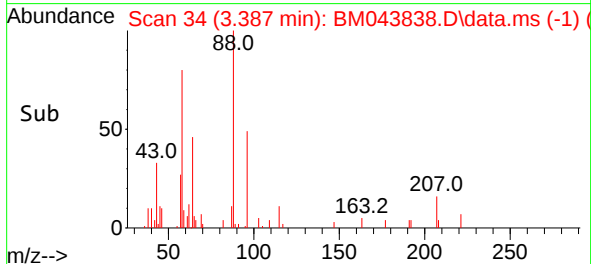
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 88 Resp: 6940
Ion Ratio Lower Upper
88 100
43 54.7 27.2 40.8
58 70.2 62.6 93.8

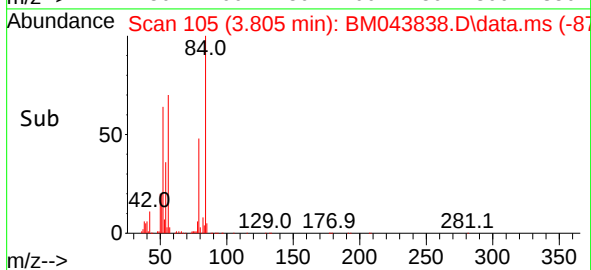
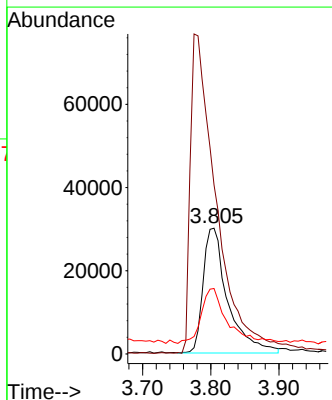
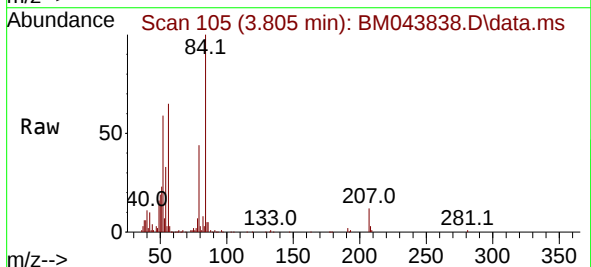
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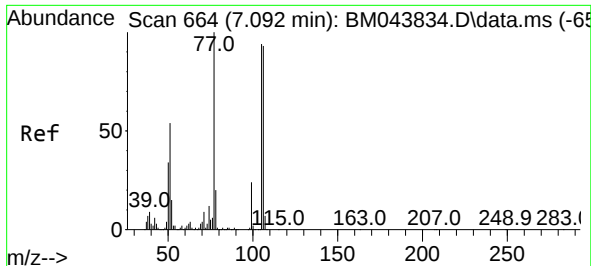
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#5
Pyridine
Concen: 3.926 ng/uL
RT: 3.805 min Scan# 105
Delta R.T. 0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Tgt Ion: 79 Resp: 75876
Ion Ratio Lower Upper
79 100
52 134.4 69.4 104.0#
51 52.1 31.4 47.2#





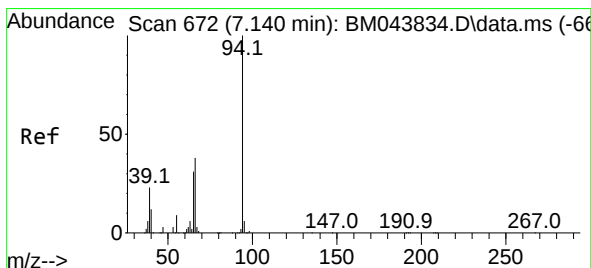
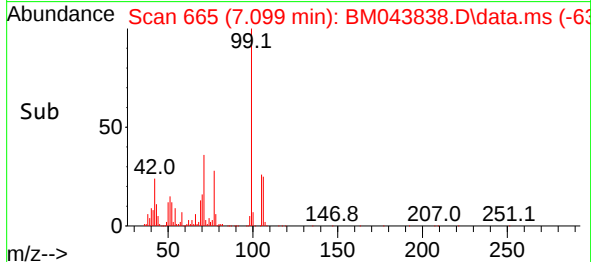
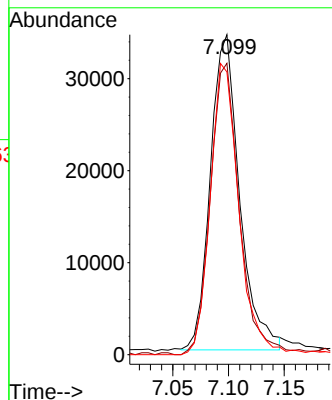
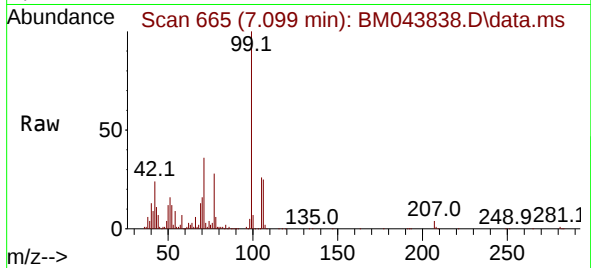
#6
Benzaldehyde
Concen: 6.657 ng/ul m
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion: 77 Resp: 62774
Ion Ratio Lower Upper
77 100
105 91.1 76.0 114.0
106 88.4 74.2 111.4

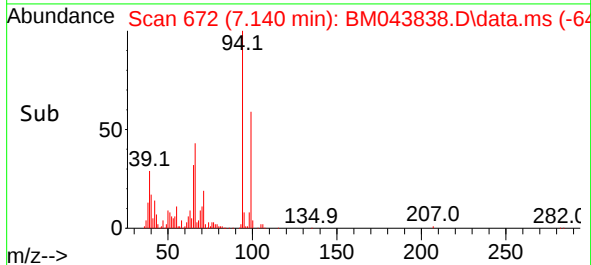
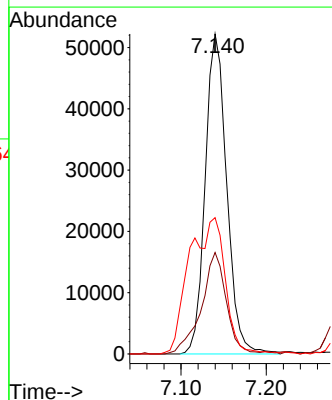
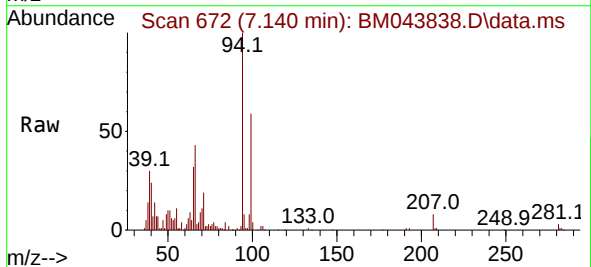
Manual Integrations
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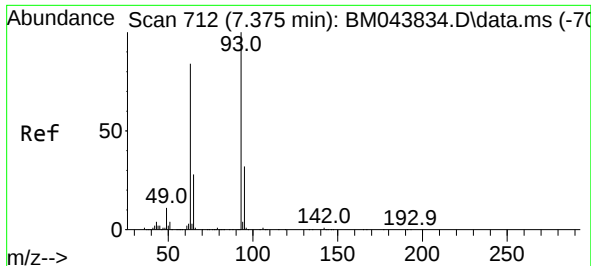
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#8
Phenol
Concen: 3.818 ng/ul
RT: 7.140 min Scan# 672
Delta R.T. -0.012 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Tgt Ion: 94 Resp: 91610
Ion Ratio Lower Upper
94 100
65 31.7 23.9 35.9
66 42.6 30.7 46.1





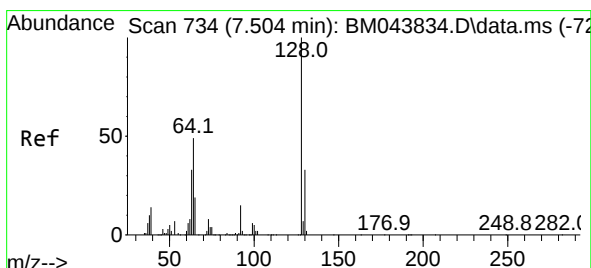
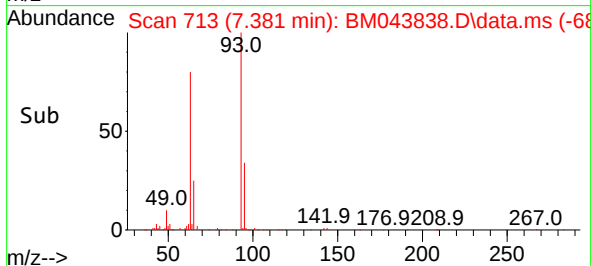
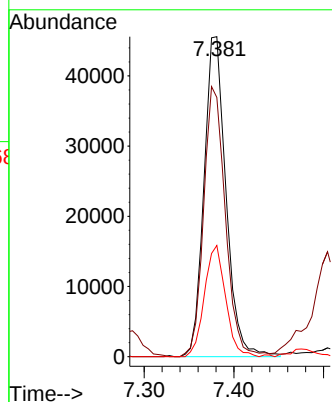
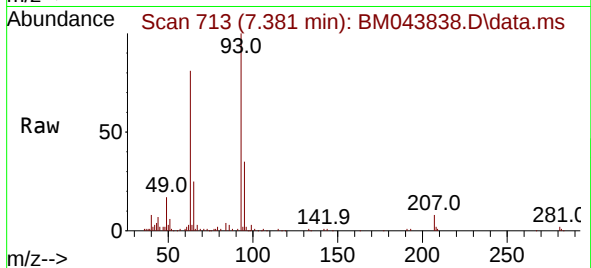
#10
Bis(2-Chloroethyl)ether
Concen: 4.019 ng/ul
RT: 7.381 min Scan# 713
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-08

Tgt Ion: 93 Resp: 77749
Ion Ratio Lower Upper
93 100
63 81.0 64.1 96.1
95 34.7 26.1 39.1

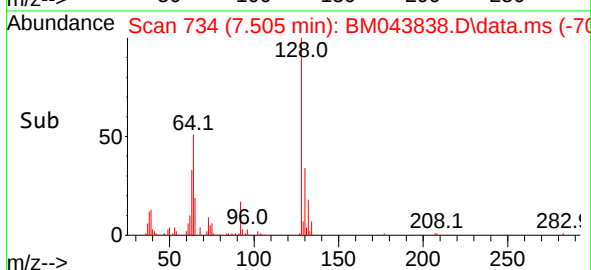
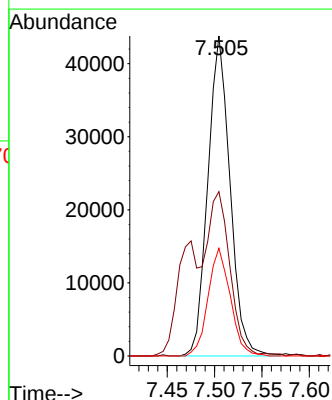
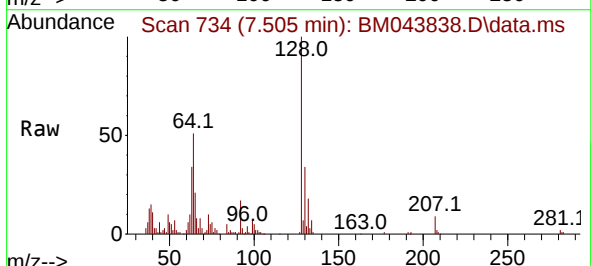
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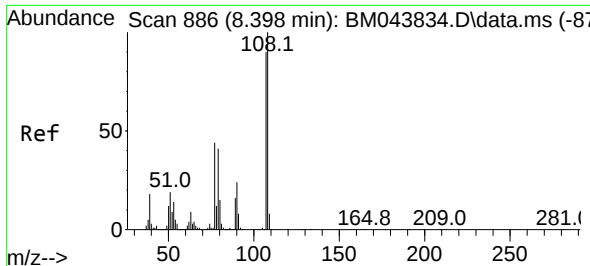
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#12
2-Chlorophenol
Concen: 3.958 ng/ul
RT: 7.505 min Scan# 734
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

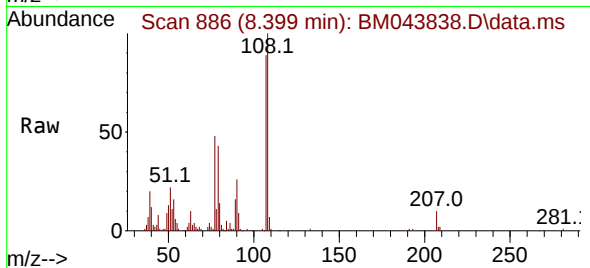
Tgt Ion:128 Resp: 71402
Ion Ratio Lower Upper
128 100
64 51.3 38.7 58.1
130 33.7 25.3 37.9





#13
2-Methylphenol
Concen: 3.381 ng/ul
RT: 8.399 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM043838.D
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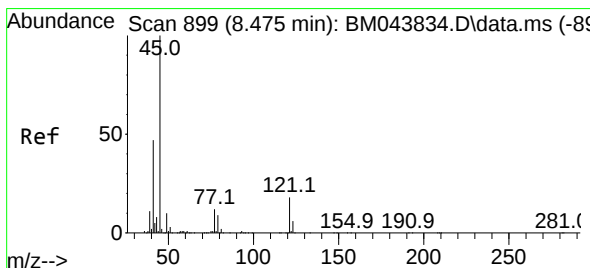
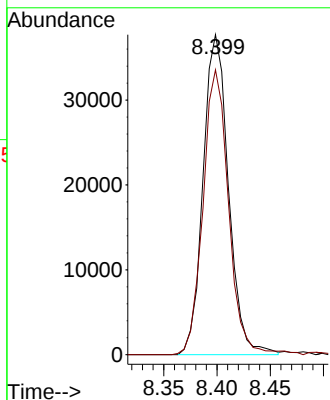
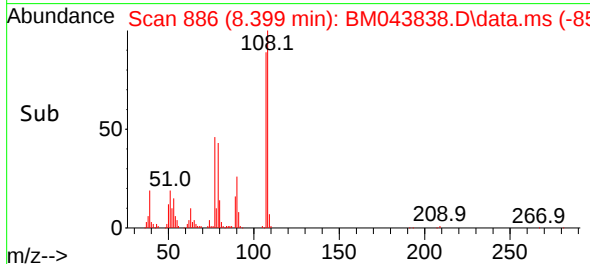
Instrument :
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ClientSampleId :
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Tgt Ion:108 Resp: 62489
Ion Ratio Lower Upper
108 100
107 89.0 71.6 107.4

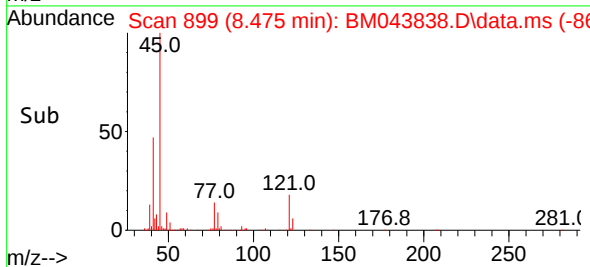
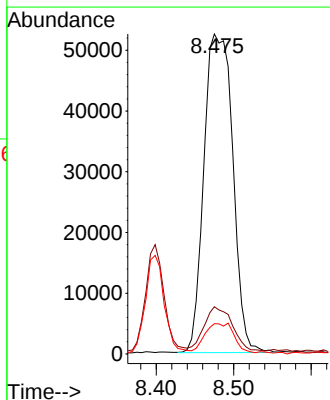
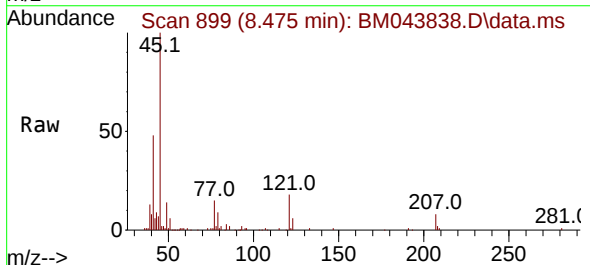
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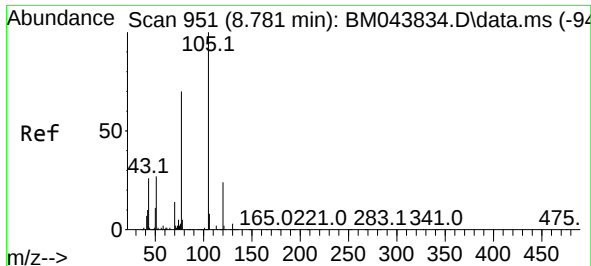
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.161 ng/ul
RT: 8.475 min Scan# 899
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Tgt Ion: 45 Resp: 135732
Ion Ratio Lower Upper
45 100
77 14.8 9.9 14.9
79 9.4 7.0 10.6





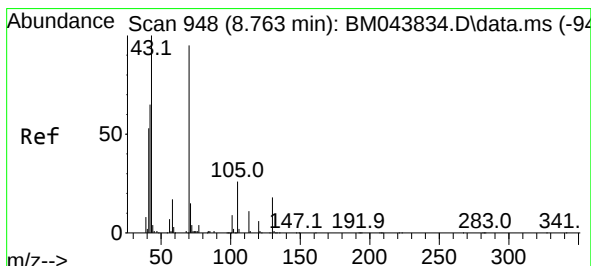
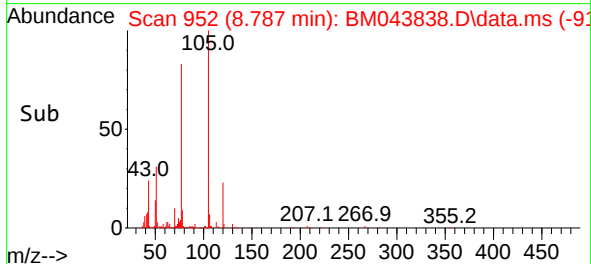
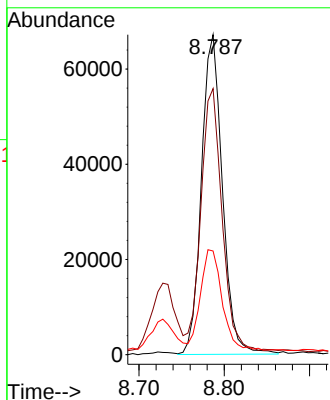
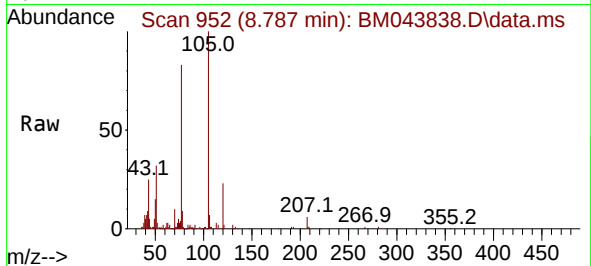
#16
Acetophenone
Concen: 3.891 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM043838.D
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BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion: 105 Resp: 11480
Ion Ratio Lower Upper
105 100
77 83.2 65.8 98.6
51 32.4 25.3 37.9

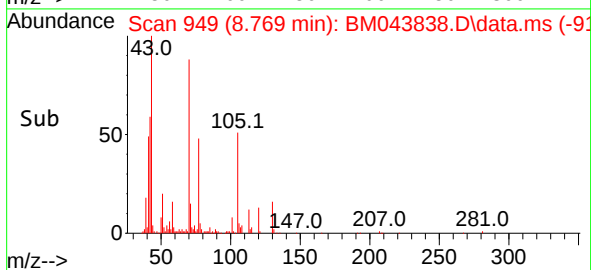
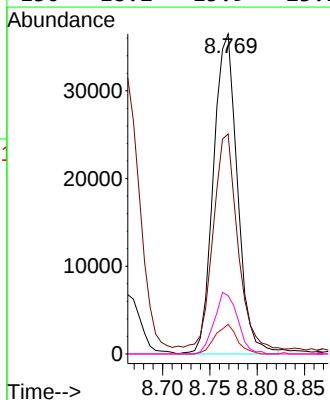
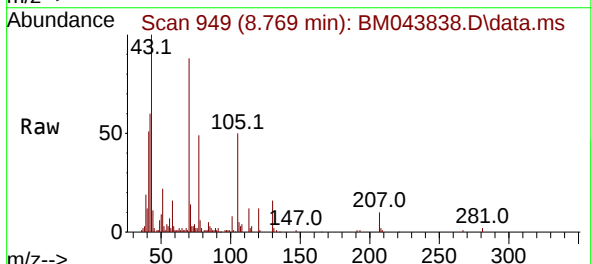
Manual Integrations
APPROVED

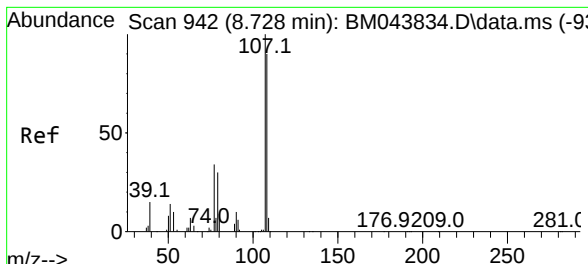
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#17
N-Nitroso-di-n-propylamine
Concen: 3.947 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Tgt Ion: 70 Resp: 64381
Ion Ratio Lower Upper
70 100
42 68.8 52.3 78.5
101 9.2 7.0 10.4
130 18.2 15.9 23.9



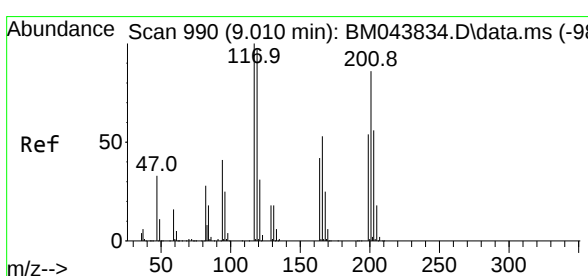
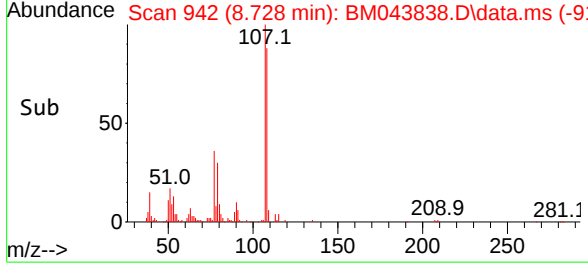
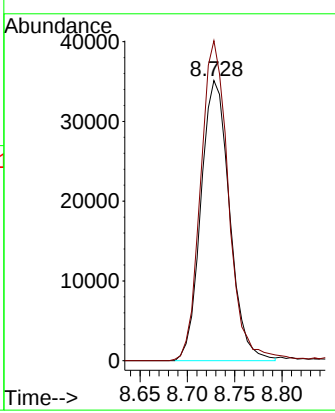
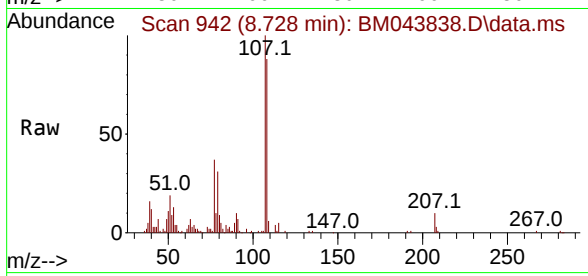


#18
4-Methylphenol
Concen: 3.682 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. -0.012 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-08

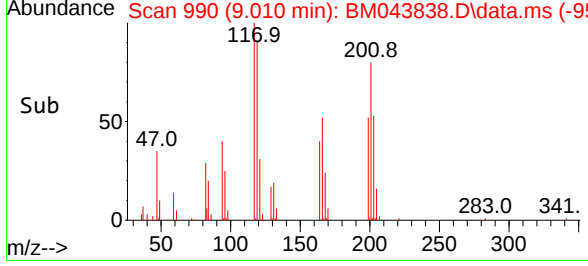
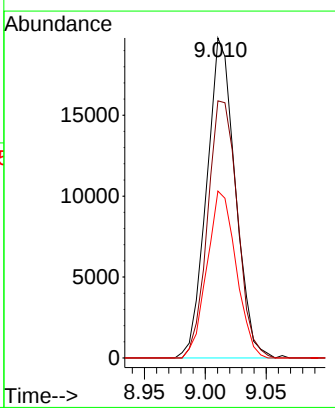
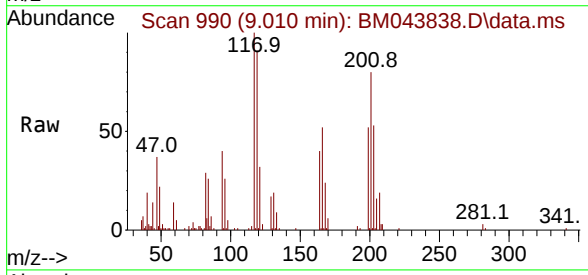
Tgt Ion:	108	Resp:	73928
Ion Ratio	Lower	Upper	
108	100		
107	114.2	85.3	127.9

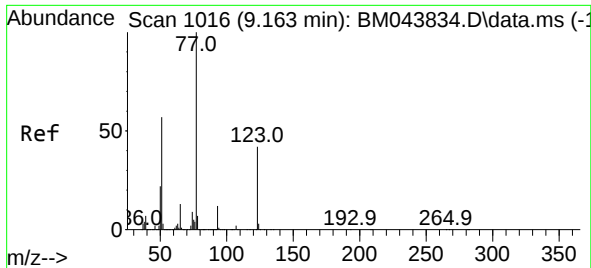
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#19
Hexachloroethane
Concen: 4.141 ng/ul
RT: 9.010 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

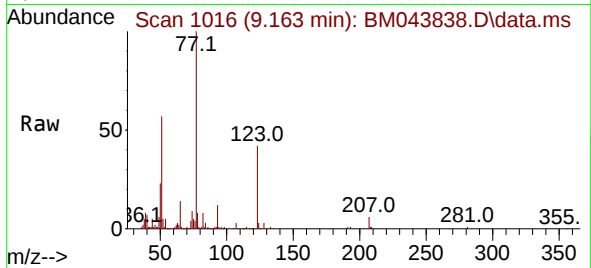
Tgt Ion:	117	Resp:	32370
Ion Ratio	Lower	Upper	
117	100		
201	80.3	69.9	104.9
199	52.2	43.7	65.5





#22
Nitrobenzene
Concen: 4.066 ng/ul
RT: 9.163 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

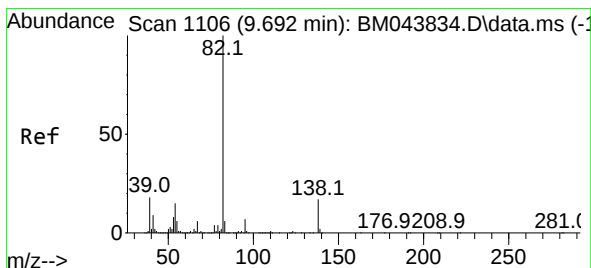
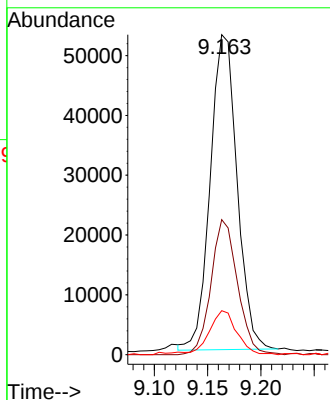
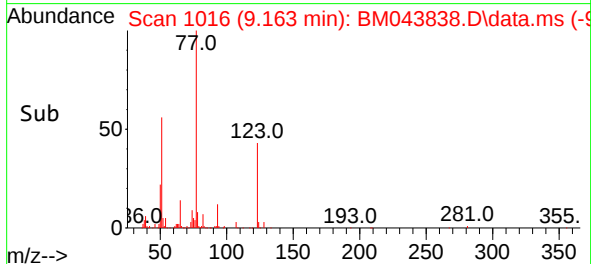
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



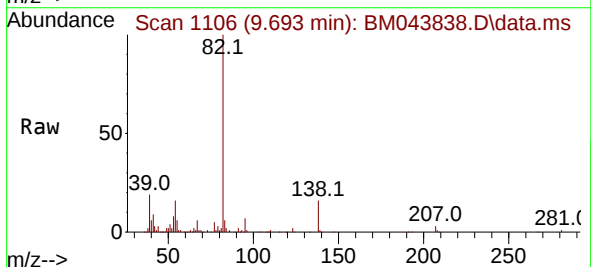
Tgt Ion: 77 Resp: 92344
Ion Ratio Lower Upper
77 100
123 42.2 33.8 50.8
65 13.8 11.1 16.7

Manual Integrations
APPROVED

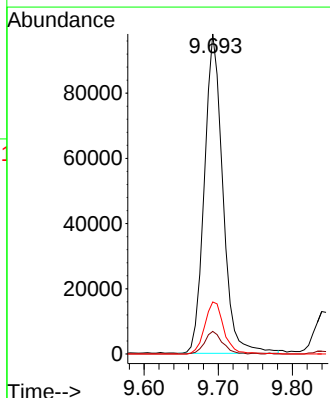
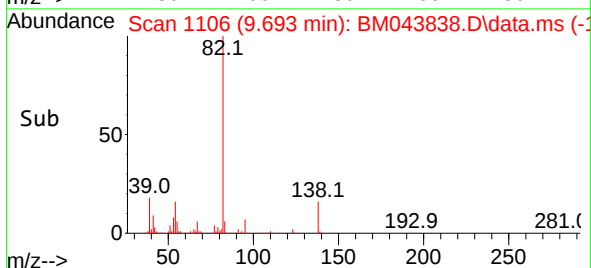
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

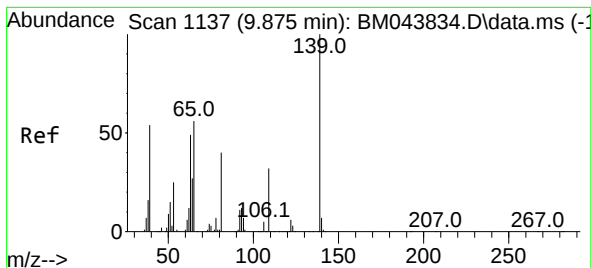


#23
Isophorone
Concen: 3.644 ng/ul
RT: 9.693 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49



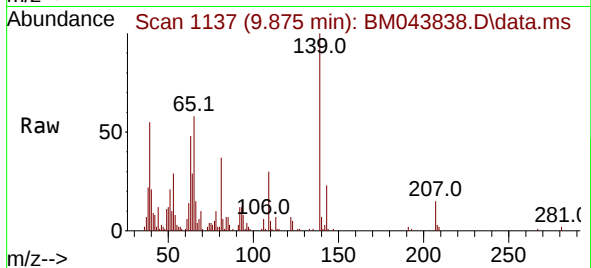
Tgt Ion: 82 Resp: 169783
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 16.2 14.0 21.0





#25
2-Nitrophenol
Concen: 3.803 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

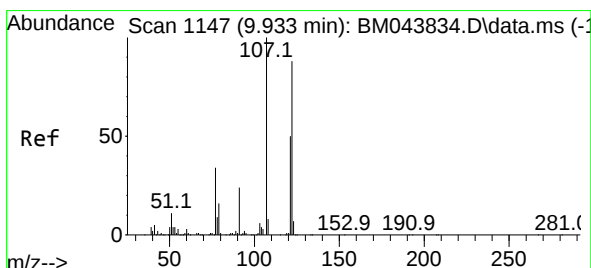
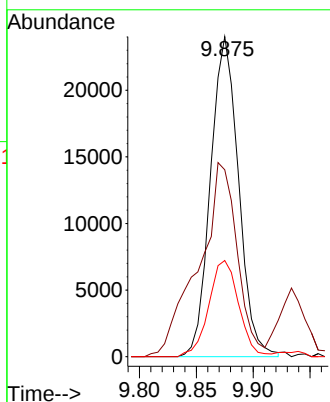
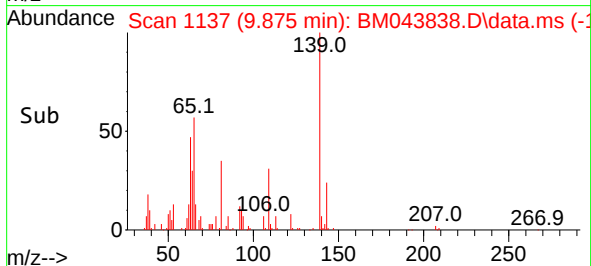
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



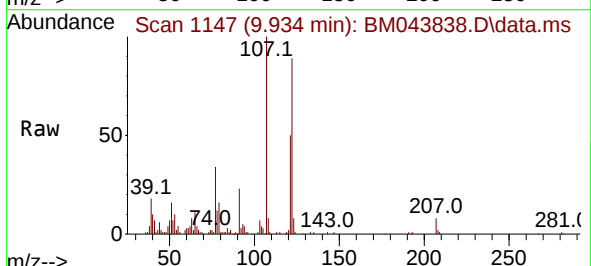
Tgt Ion:139 Resp: 41229
Ion Ratio Lower Upper
139 100
65 58.4 41.8 62.8
109 30.0 23.1 34.7

Manual Integrations
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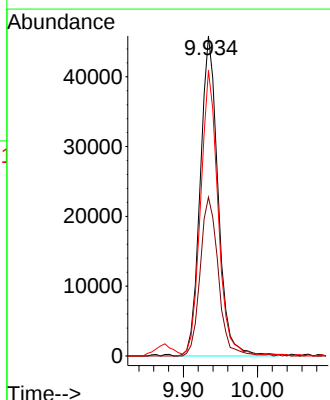
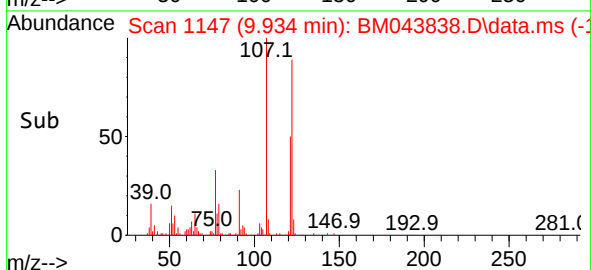
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

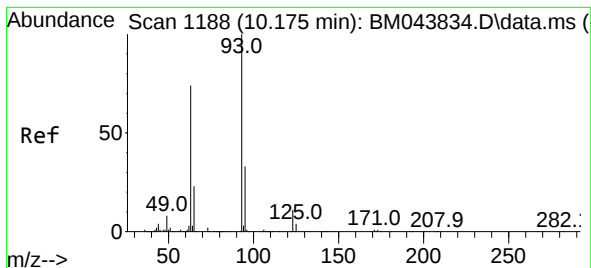


#26
2,4-Dimethylphenol
Concen: 3.643 ng/ul
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49



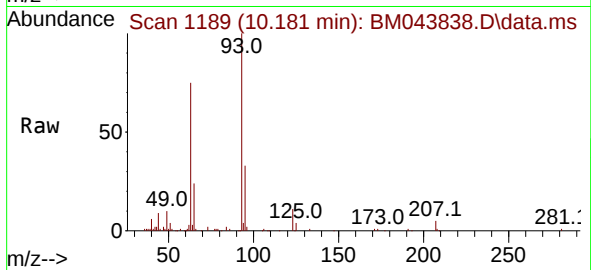
Tgt Ion:107 Resp: 76605
Ion Ratio Lower Upper
107 100
121 49.6 40.2 60.4
122 89.2 70.8 106.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.828 ng/ul
 RT: 10.181 min Scan# 1189
 Delta R.T. 0.000 min
 Lab File: BM043838.D
 Acq: 15 Jan 2024 12:49

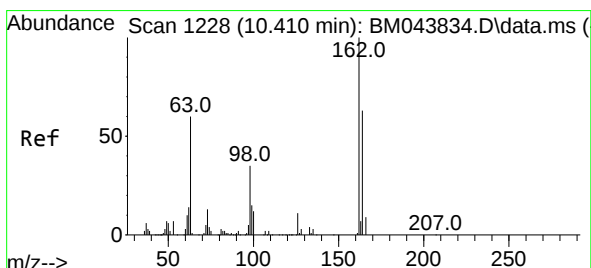
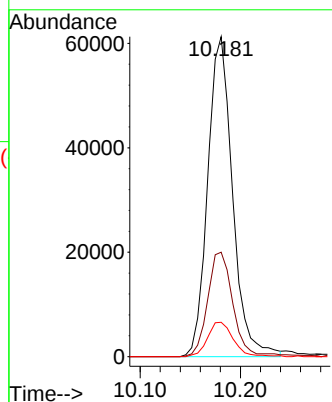
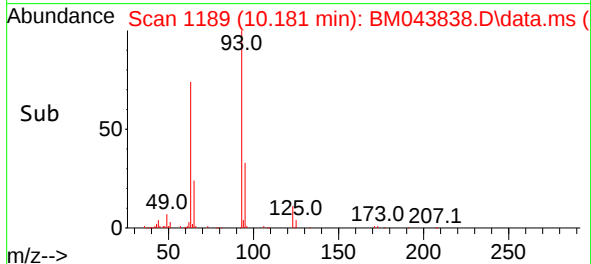
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-08



Tgt Ion: 93 Resp: 10577
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.4
 123 10.8 9.2 13.8

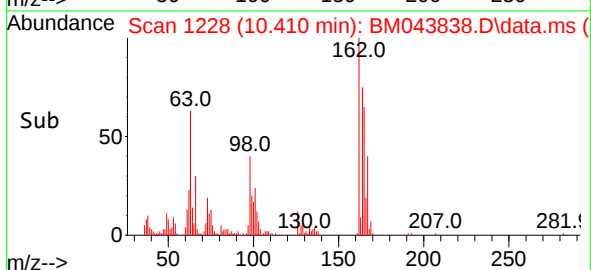
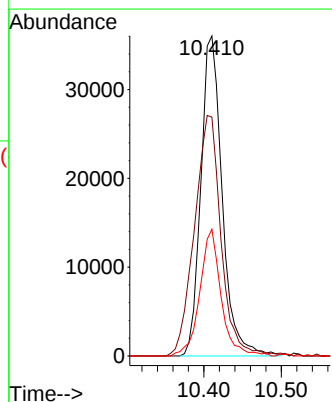
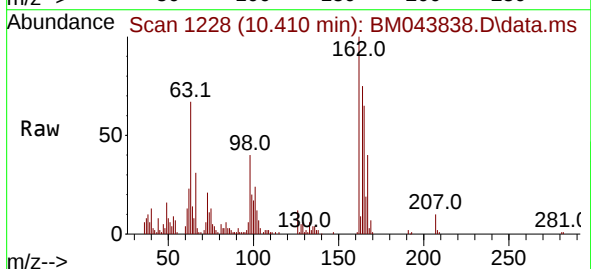
Manual Integrations
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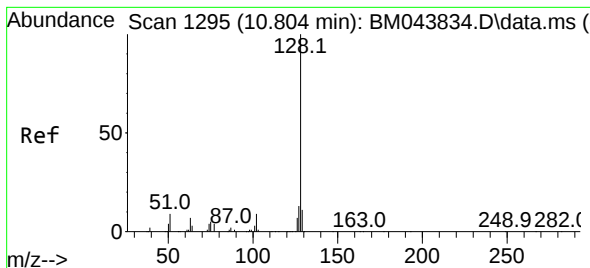
Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024



#29
 2,4-Dichlorophenol
 Concen: 3.788 ng/ul
 RT: 10.410 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: BM043838.D
 Acq: 15 Jan 2024 12:49

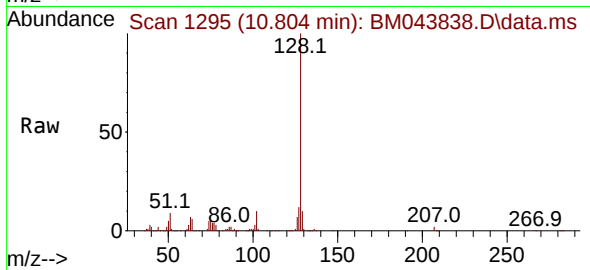
Tgt Ion:162 Resp: 68980
 Ion Ratio Lower Upper
 162 100
 164 74.6 52.3 78.5
 98 39.6 28.5 42.7





#30
Naphthalene
Concen: 4.019 ng/ul
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

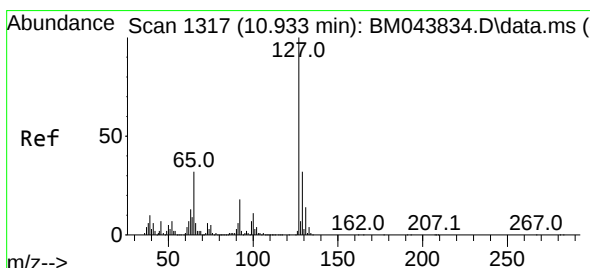
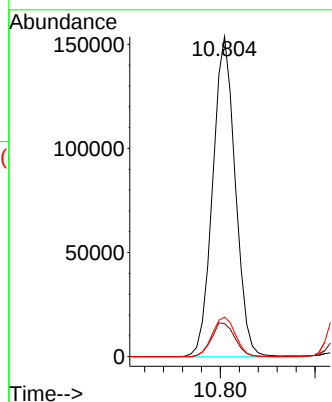
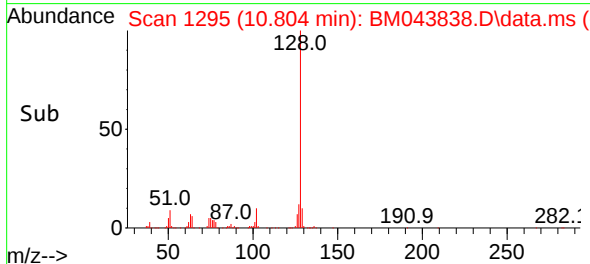
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:128 Resp: 25416
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.4 10.2 15.4

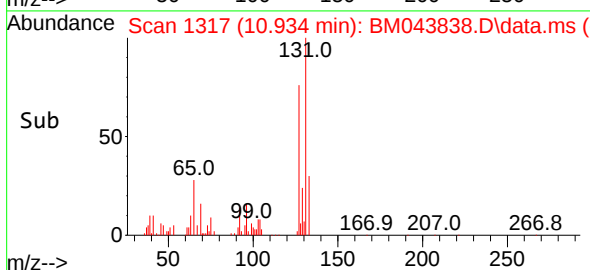
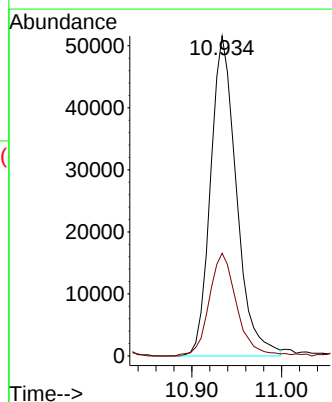
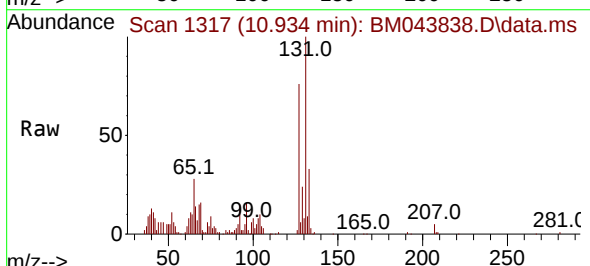
Manual Integrations
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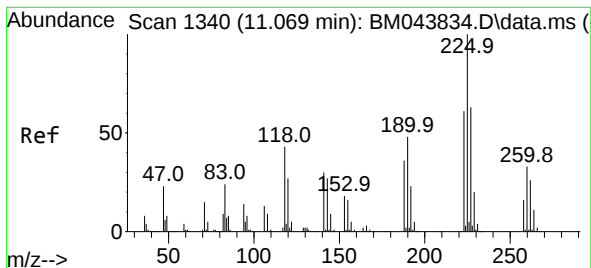
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#32
4-Chloroaniline
Concen: 3.660 ng/ul
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

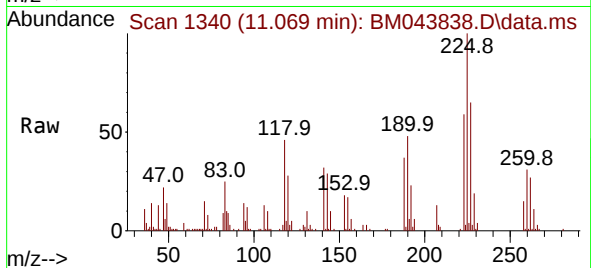
Tgt Ion:127 Resp: 103485
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.6





#33
Hexachlorobutadiene
Concen: 3.985 ng/ul
RT: 11.069 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

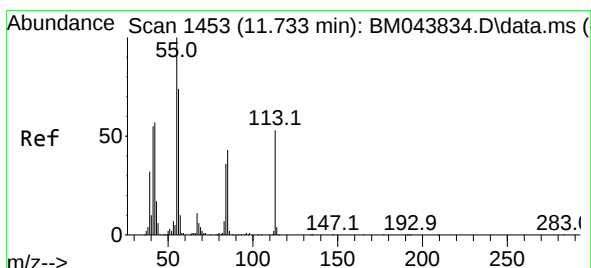
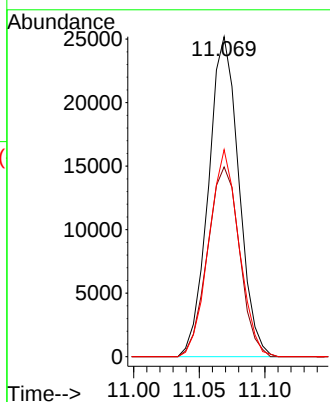
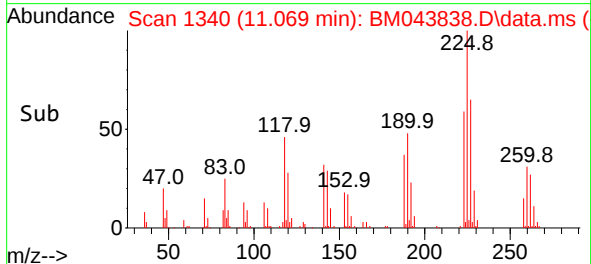
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



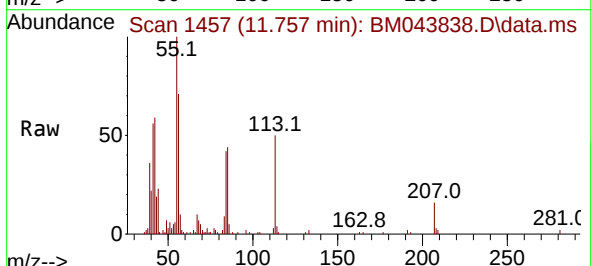
Tgt Ion:225 Resp: 4060
Ion Ratio Lower Upper
225 100
223 59.3 50.6 75.8
227 64.7 50.8 76.2

Manual Integrations
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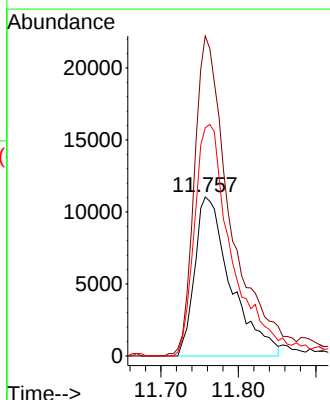
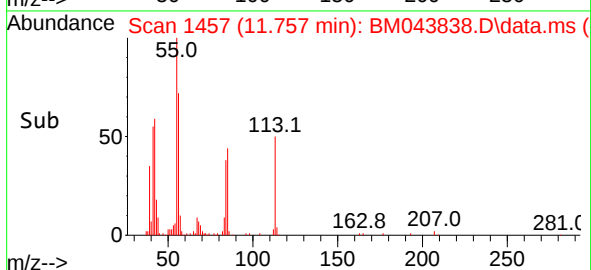
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

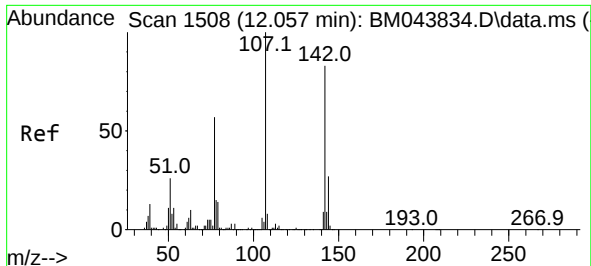


#34
Caprolactam
Concen: 5.449 ng/ul
RT: 11.757 min Scan# 1457
Delta R.T. 0.012 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49



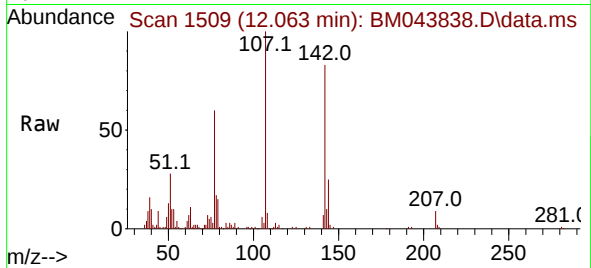
Tgt Ion:113 Resp: 35727
Ion Ratio Lower Upper
113 100
55 201.5 147.3 220.9
56 143.6 109.9 164.9





#35
4-Chloro-3-methylphenol
Concen: 3.453 ng/ul
RT: 12.063 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

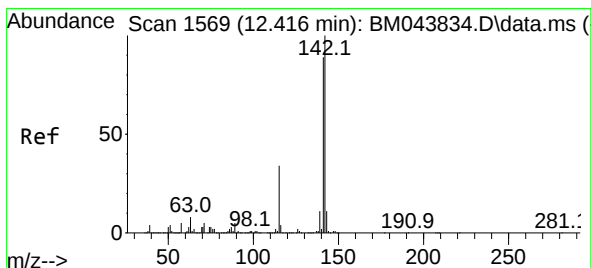
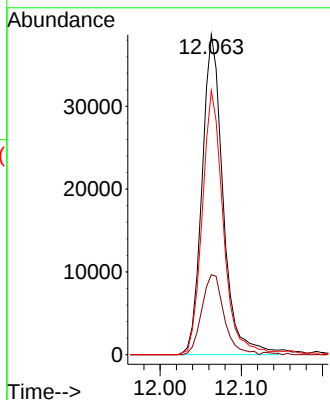
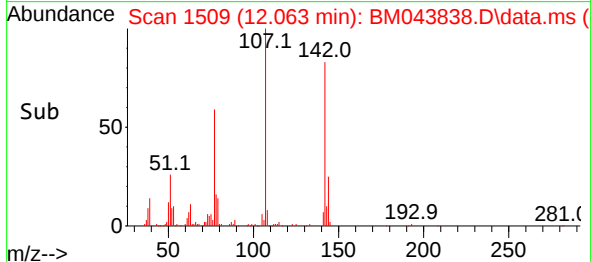
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:107 Resp: 69680
Ion Ratio Lower Upper
107 100
144 25.0 21.8 32.6
142 82.5 65.9 98.9

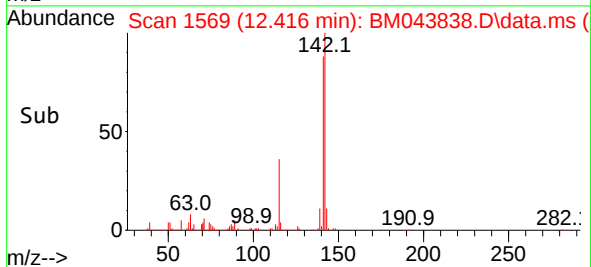
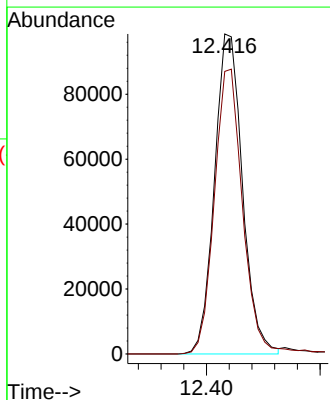
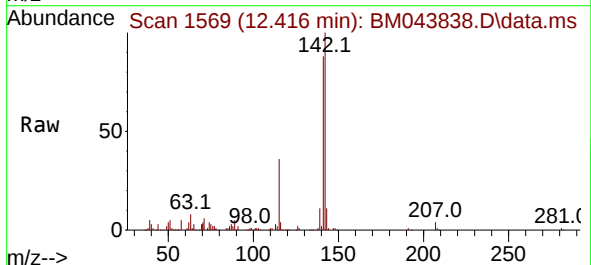
Manual Integrations
APPROVED

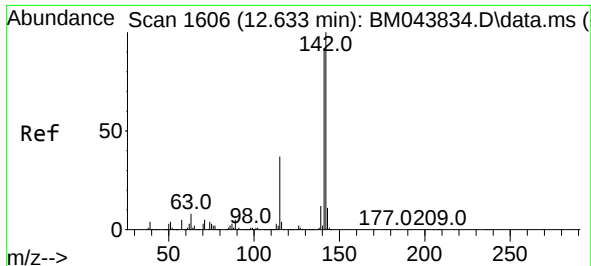
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#36
2-Methylnaphthalene
Concen: 3.829 ng/ul
RT: 12.416 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

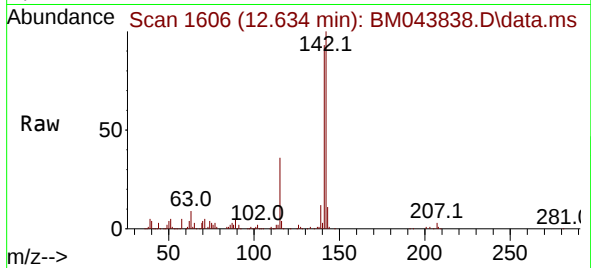
Tgt Ion:142 Resp: 168792
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.0





#37
1-Methylnaphthalene
Concen: 4.079 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

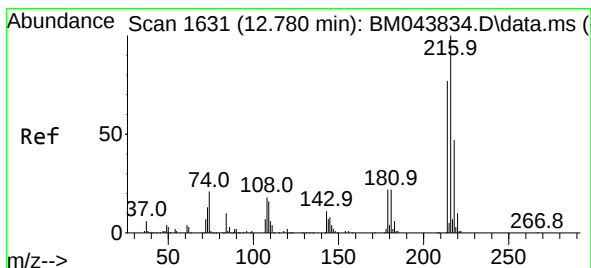
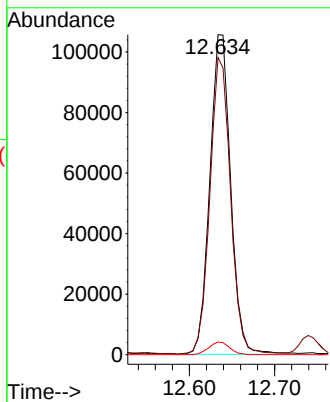
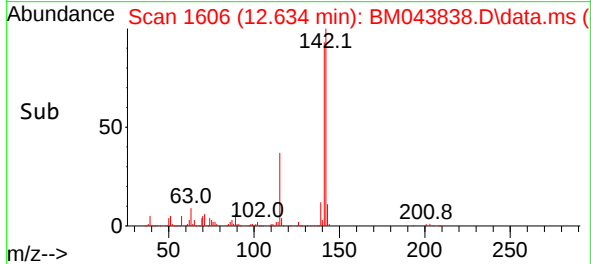
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:142 Resp: 17931
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.2
116 3.9 3.0 4.4

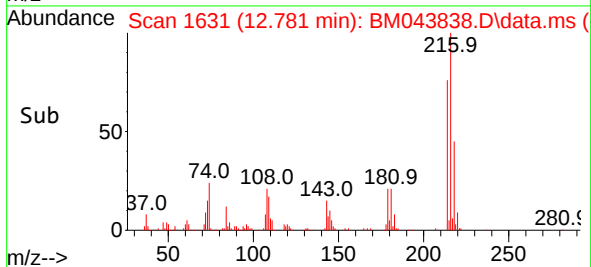
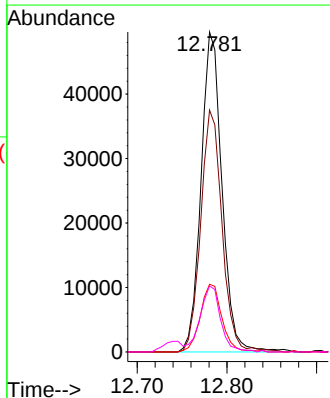
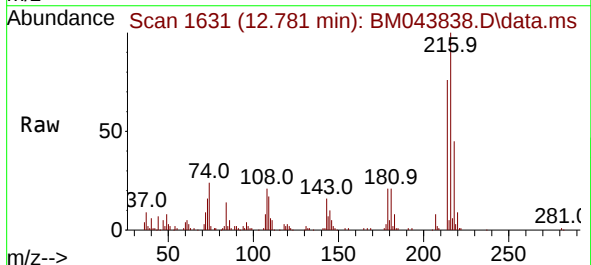
Manual Integrations
APPROVED

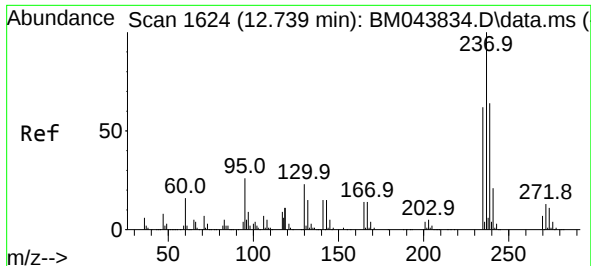
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.813 ng/ul
RT: 12.781 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

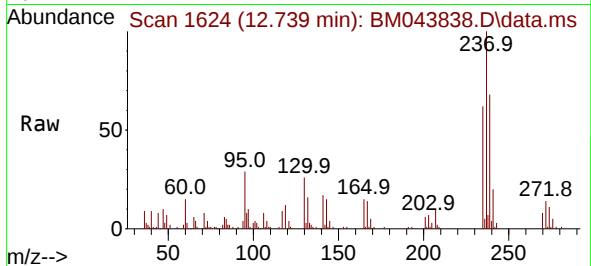
Tgt Ion:216 Resp: 80311
Ion Ratio Lower Upper
216 100
214 75.6 64.3 96.5
179 21.2 17.8 26.8
108 20.7 15.5 23.3





#40
Hexachlorocyclopentadiene
Concen: 4.088 ng/ul
RT: 12.739 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

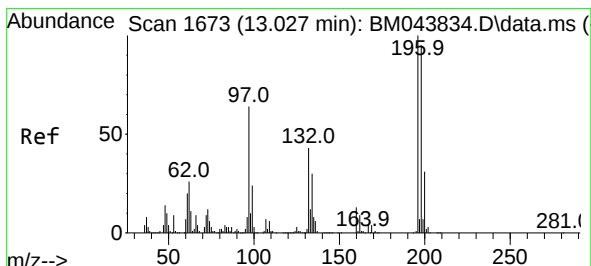
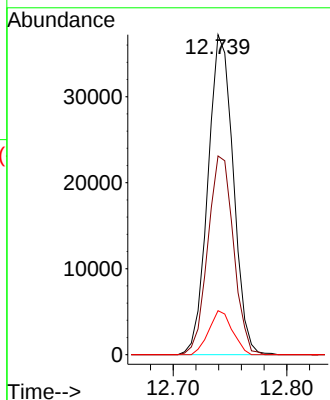
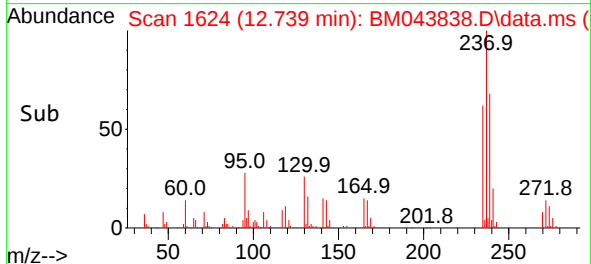
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



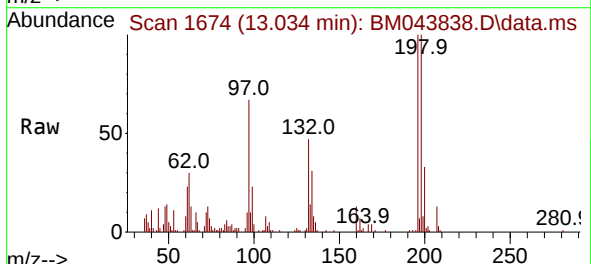
Tgt Ion:237 Resp: 5758
Ion Ratio Lower Upper
237 100
235 62.1 49.8 74.8
272 13.8 9.8 14.8

Manual Integrations
APPROVED

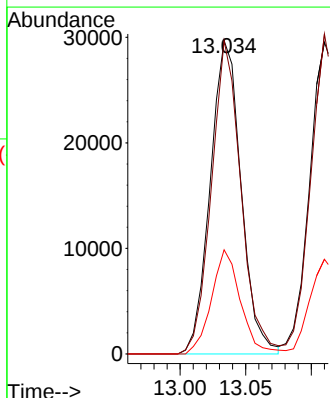
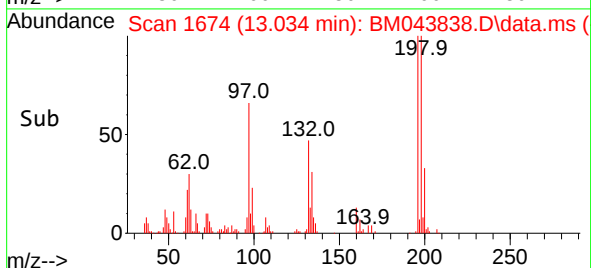
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

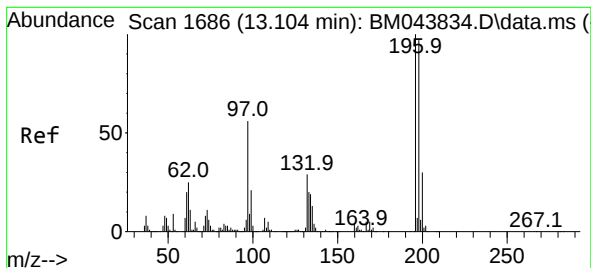


#41
2,4,6-Trichlorophenol
Concen: 3.247 ng/ul
RT: 13.034 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49



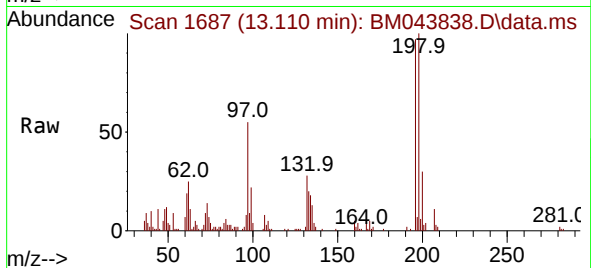
Tgt Ion:196 Resp: 48559
Ion Ratio Lower Upper
196 100
198 99.9 76.3 114.5
200 33.2 24.6 36.8





#42
2,4,5-Trichlorophenol
Concen: 3.349 ng/ul
RT: 13.110 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

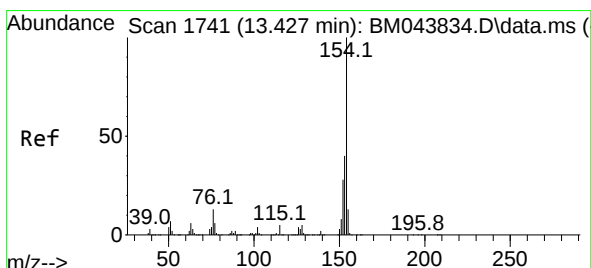
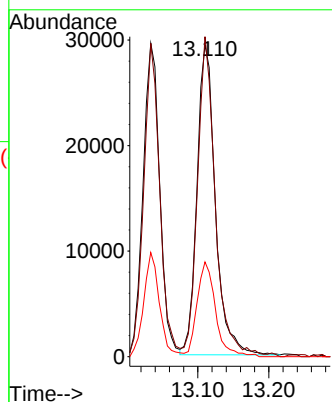
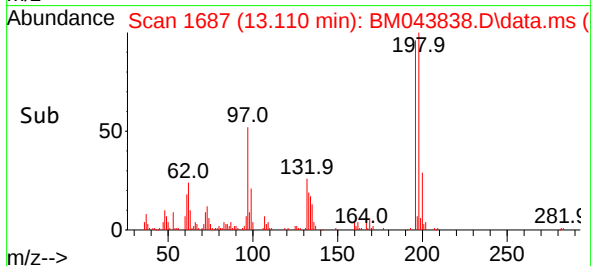
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:196 Resp: 53179
Ion Ratio Lower Upper
196 100
198 102.6 76.6 114.8
200 30.4 24.4 36.6

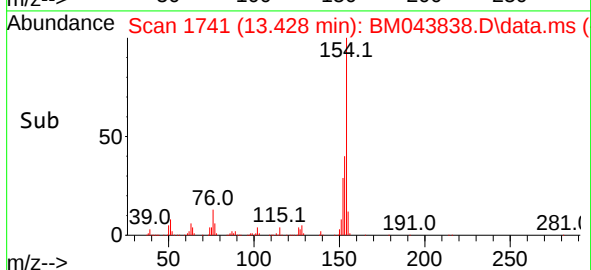
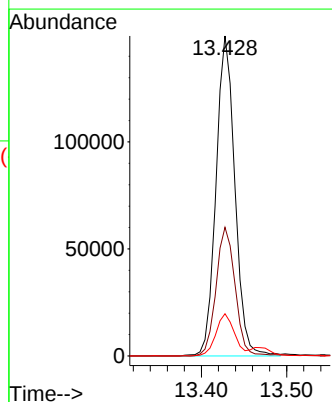
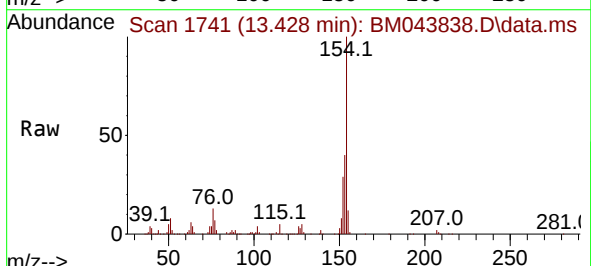
Manual Integrations
APPROVED

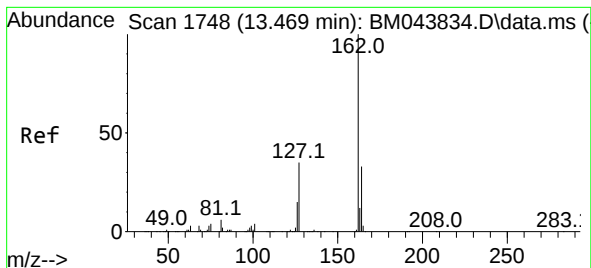
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#43
1,1'-Biphenyl
Concen: 3.804 ng/ul
RT: 13.428 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Tgt Ion:154 Resp: 230037
Ion Ratio Lower Upper
154 100
153 40.2 31.9 47.9
76 13.2 10.4 15.6





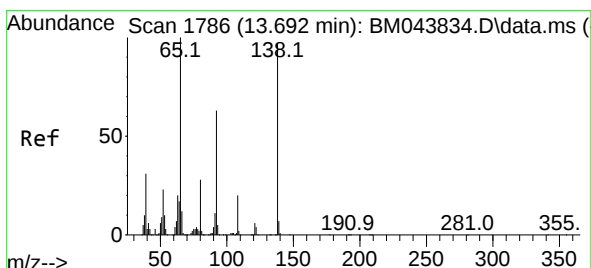
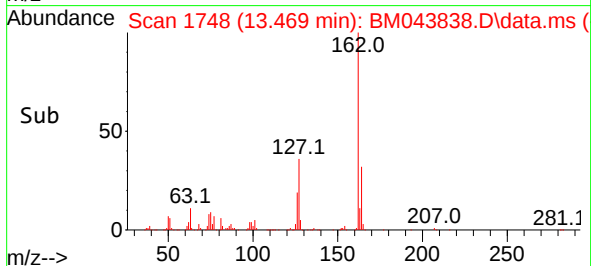
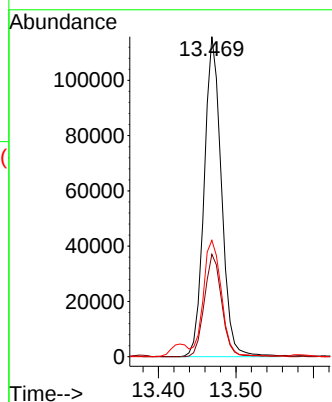
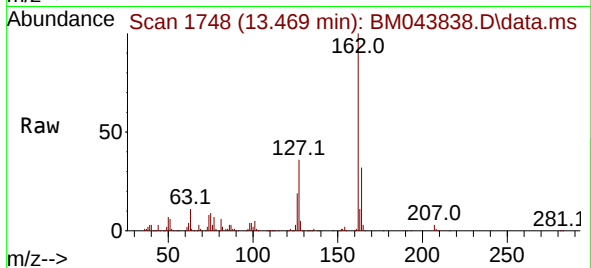
#44
2-Chloronaphthalene
Concen: 3.848 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-08

Tgt Ion:162 Resp: 179294
Ion Ratio Lower Upper
162 100
164 32.0 25.9 38.9
127 36.3 30.7 46.1

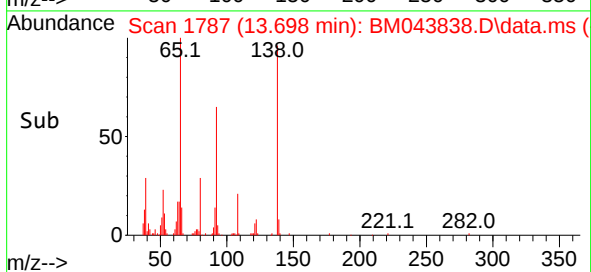
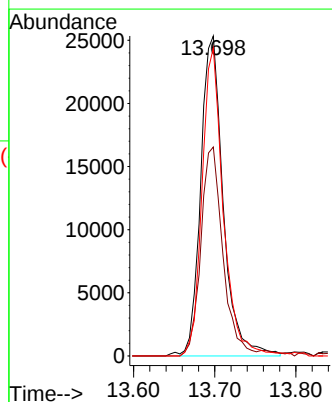
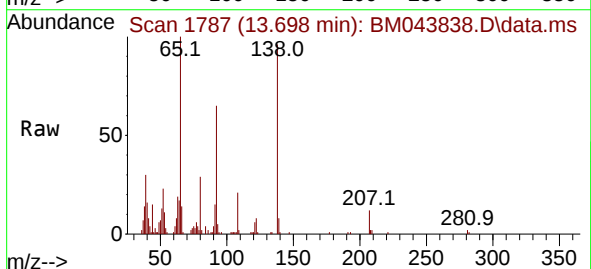
Manual Integrations
APPROVED

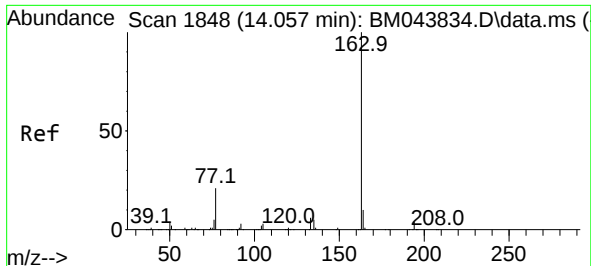
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#45
2-Nitroaniline
Concen: 3.314 ng/ul
RT: 13.698 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

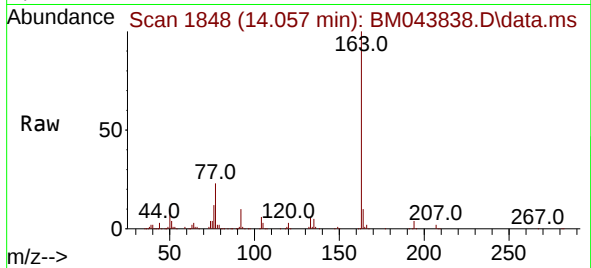
Tgt Ion: 65 Resp: 48728
Ion Ratio Lower Upper
65 100
92 65.3 52.3 78.5
138 96.2 82.6 123.8





#47
Dimethylphthalate
Concen: 3.825 ng/ul
RT: 14.057 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

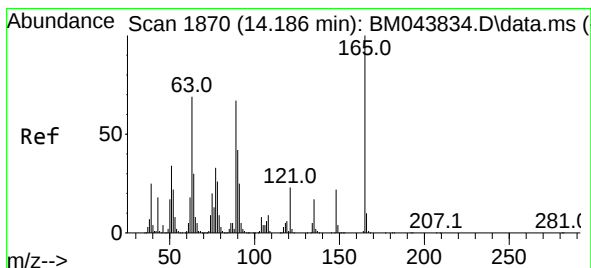
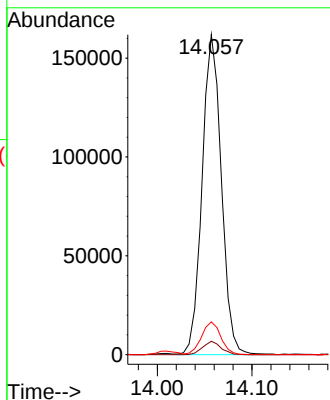
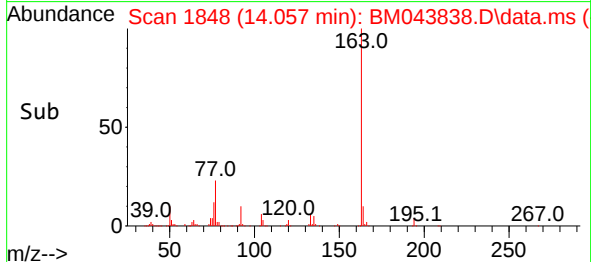
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



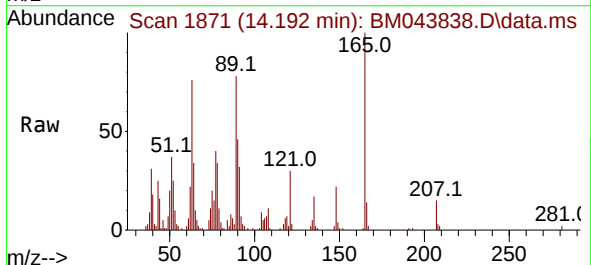
Tgt Ion:163 Resp: 228050
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.3 8.1 12.1

Manual Integrations
APPROVED

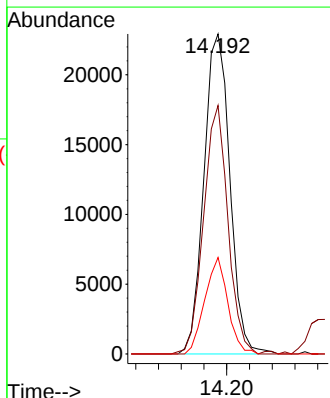
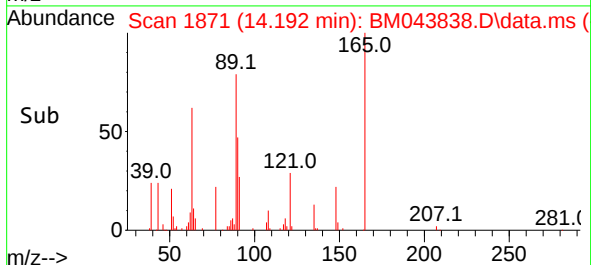
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

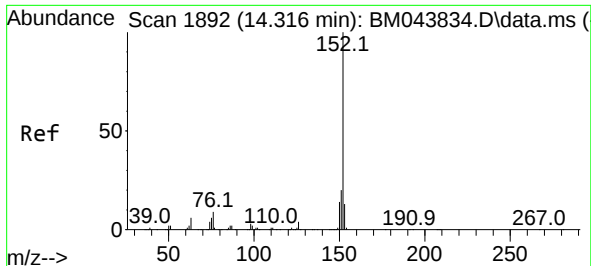


#48
2,6-Dinitrotoluene
Concen: 3.074 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49



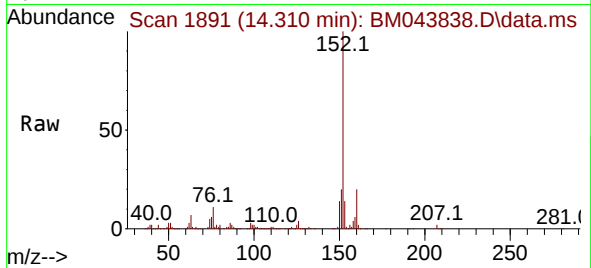
Tgt Ion:165 Resp: 36321
Ion Ratio Lower Upper
165 100
89 77.6 49.5 74.3#
121 30.2 17.8 26.6#





#50
Acenaphthylene
Concen: 3.853 ng/ul
RT: 14.310 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

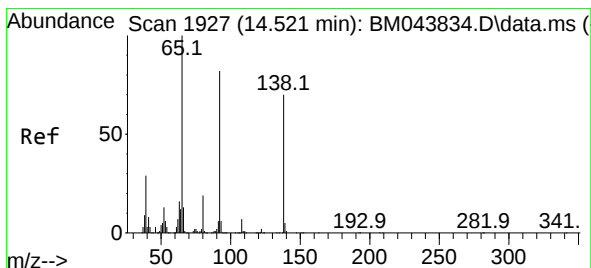
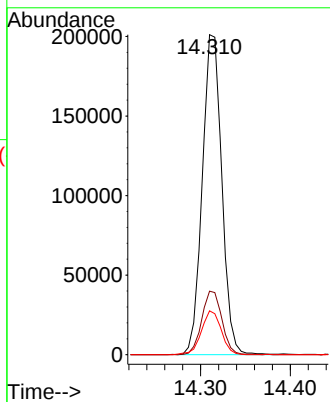
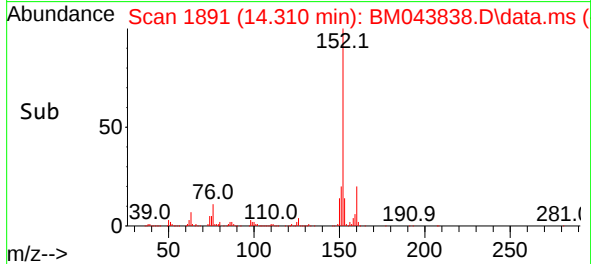
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:152 Resp: 30401
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.7 10.5 15.7

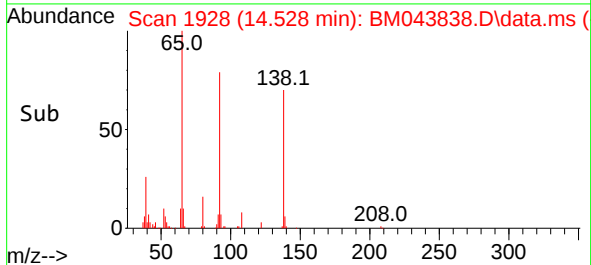
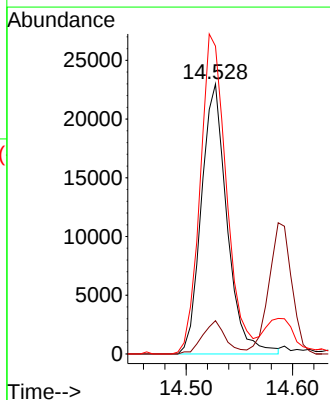
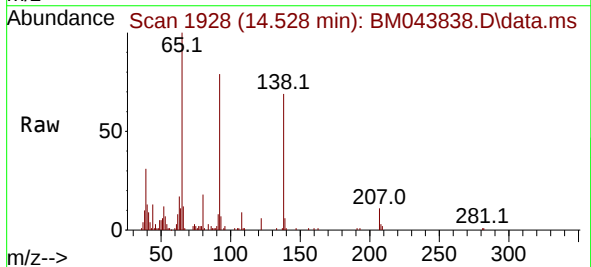
Manual Integrations
APPROVED

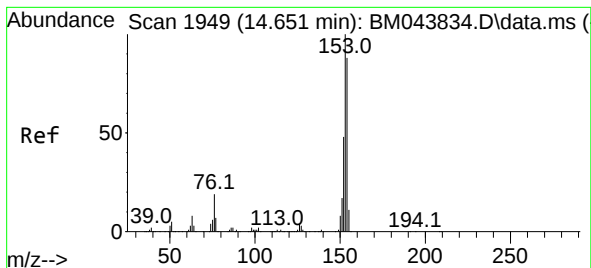
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#51
3-Nitroaniline
Concen: 3.087 ng/ul
RT: 14.528 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Tgt Ion:138 Resp: 38572
Ion Ratio Lower Upper
138 100
108 12.3 7.9 11.9#
92 114.0 92.2 138.2





#52

Acenaphthene

Concen: 3.917 ng/ul

RT: 14.651 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BM043838.D

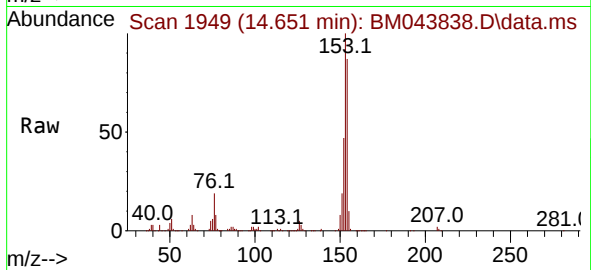
Acq: 15 Jan 2024 12:49

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2023-08



Tgt Ion:153 Resp: 204960

Ion Ratio Lower Upper

153 100

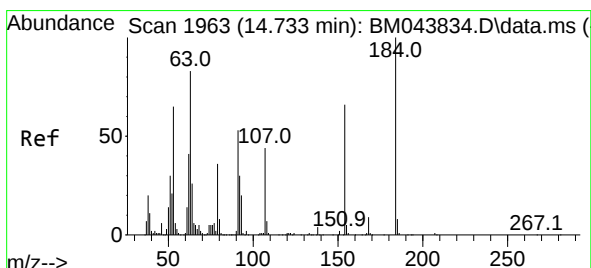
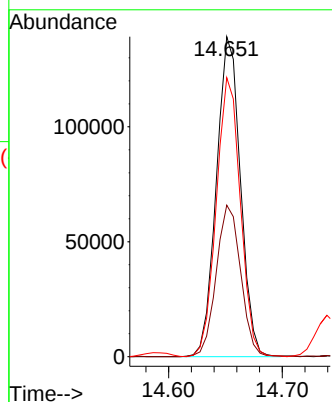
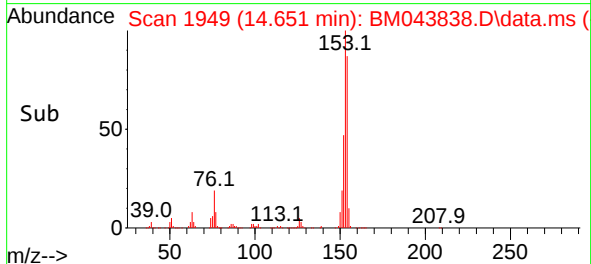
152 47.3 38.5 57.7

154 87.2 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#53

2,4-Dinitrophenol

Concen: 6.070 ng/ul

RT: 14.739 min Scan# 1964

Delta R.T. 0.000 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

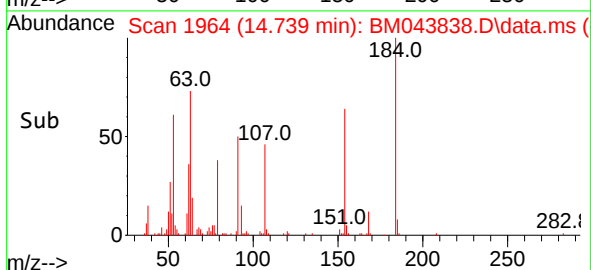
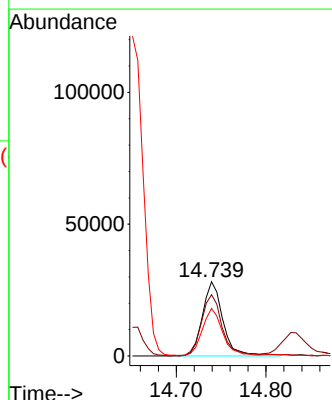
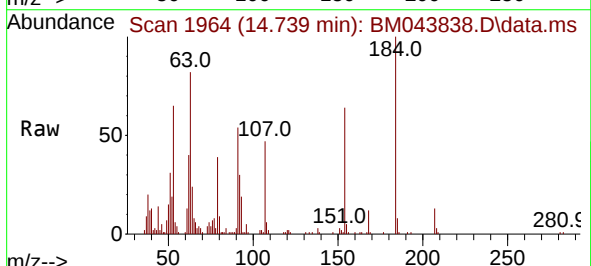
Tgt Ion:184 Resp: 44569

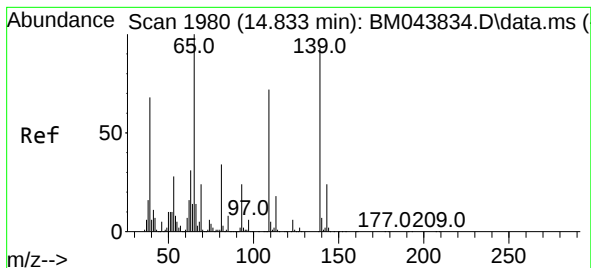
Ion Ratio Lower Upper

184 100

63 82.5 60.0 90.0

154 63.9 51.7 77.5





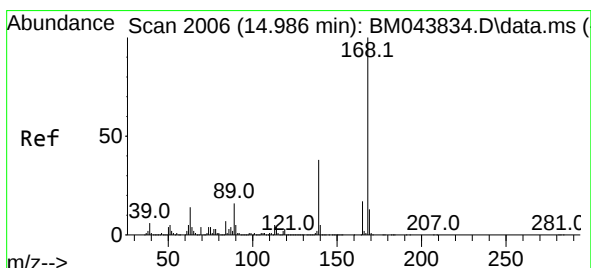
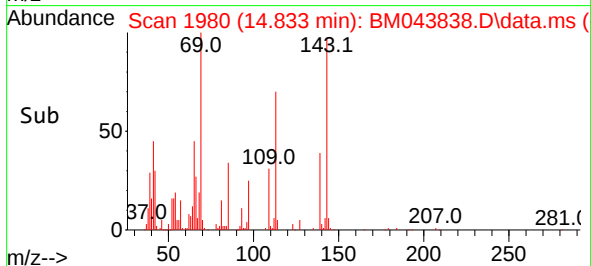
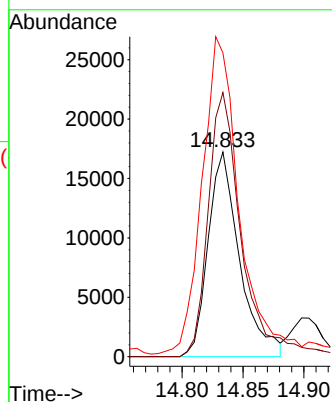
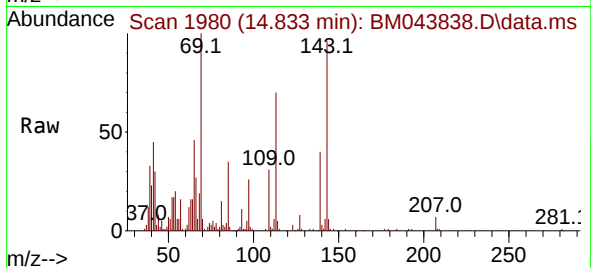
#55
4-Nitrophenol
Concen: 3.503 ng/ul
RT: 14.833 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:109 Resp: 31000
Ion Ratio Lower Upper
109 100
139 129.1 112.6 168.8
65 148.5 118.5 177.7

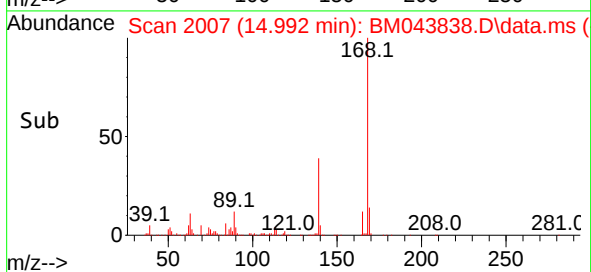
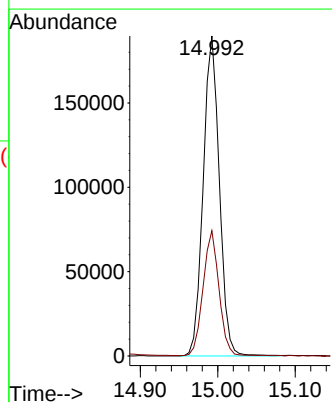
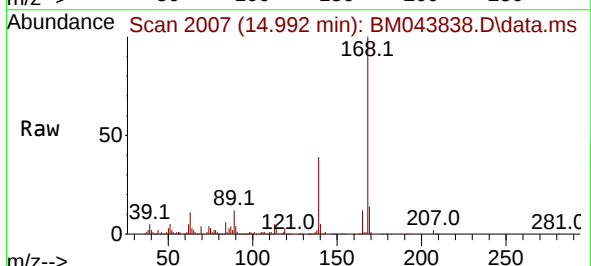
Manual Integrations
APPROVED

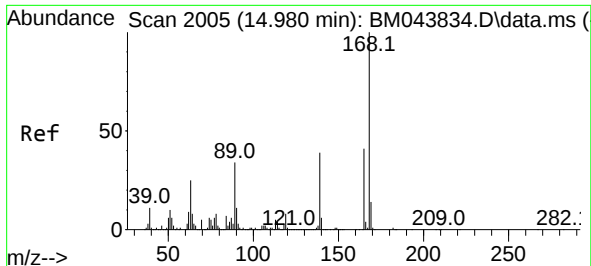
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#56
Dibenzofuran
Concen: 3.910 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

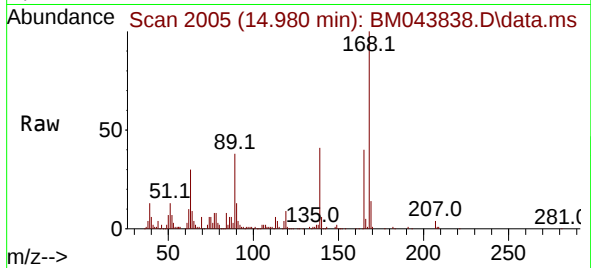
Tgt Ion:168 Resp: 274860
Ion Ratio Lower Upper
168 100
139 39.2 30.2 45.2





#57
2,4-Dinitrotoluene
Concen: 3.250 ng/ul
RT: 14.980 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

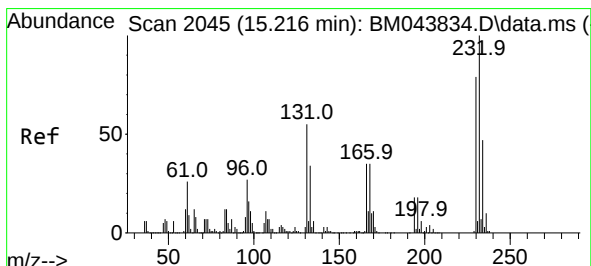
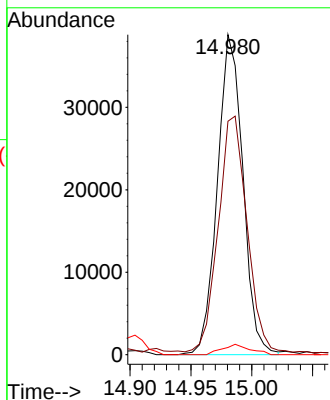
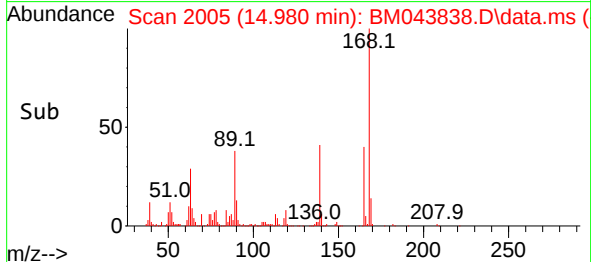
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:165 Resp: 5657
Ion Ratio Lower Upper
165 100
63 73.0 45.7 68.5
182 2.3 2.0 3.0

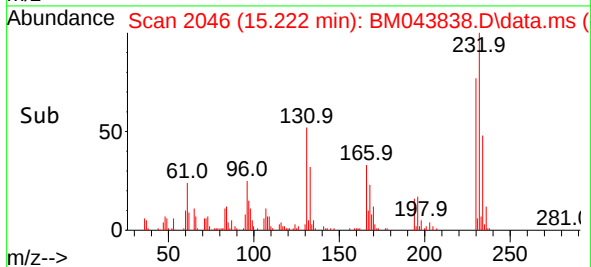
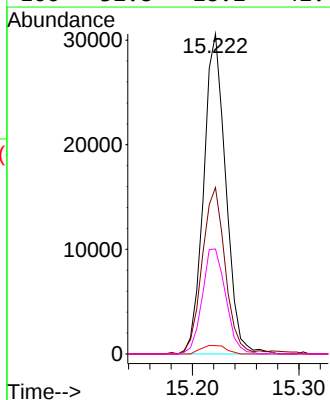
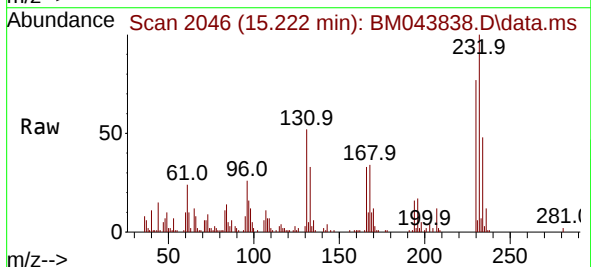
Manual Integrations
APPROVED

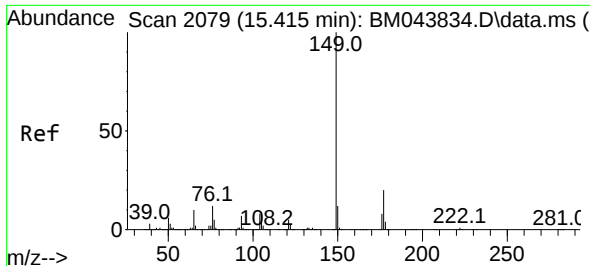
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.334 ng/ul
RT: 15.222 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

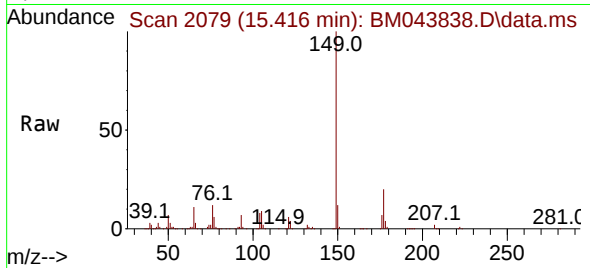
Tgt Ion:232 Resp: 44106
Ion Ratio Lower Upper
232 100
131 52.0 43.3 64.9
130 2.6 2.2 3.2
166 32.8 28.2 42.4





#59
Diethylphthalate
Concen: 3.568 ng/ul
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

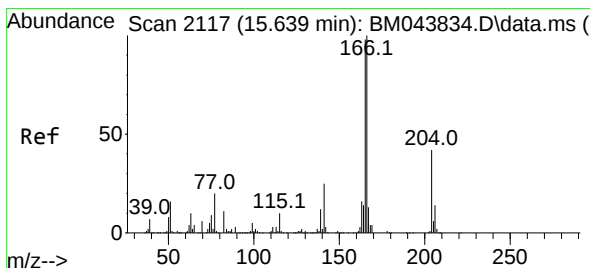
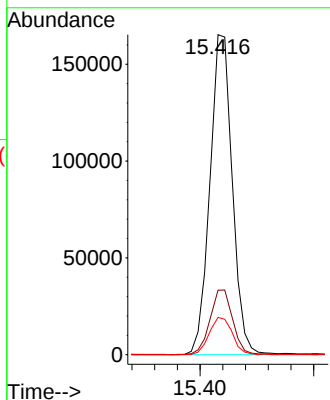
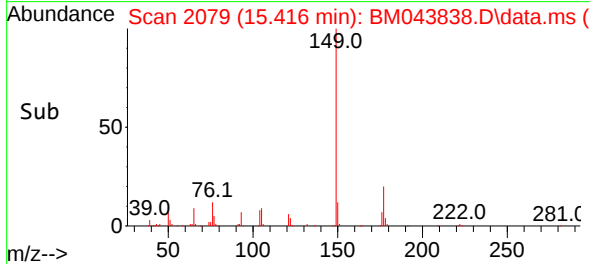
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



Tgt Ion:149 Resp: 226769
Ion Ratio Lower Upper
149 100
177 20.2 17.1 25.7
150 11.7 9.7 14.5

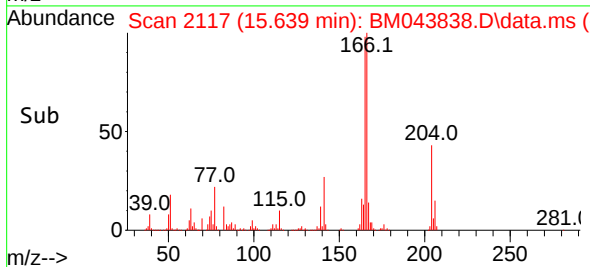
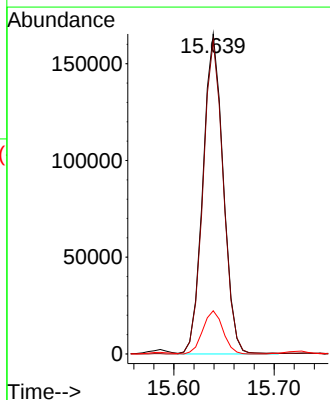
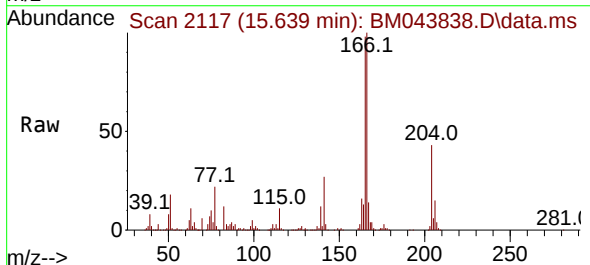
Manual Integrations
APPROVED

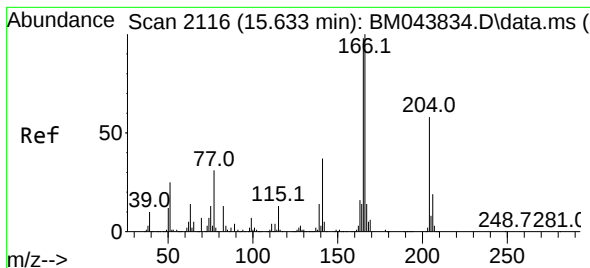
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#61
Fluorene
Concen: 3.864 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

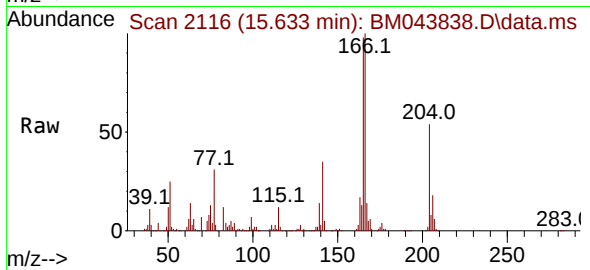
Tgt Ion:166 Resp: 232835
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.5 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 3.683 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

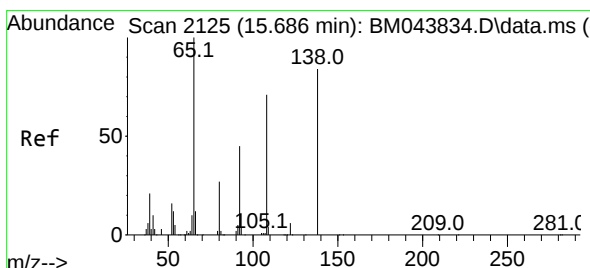
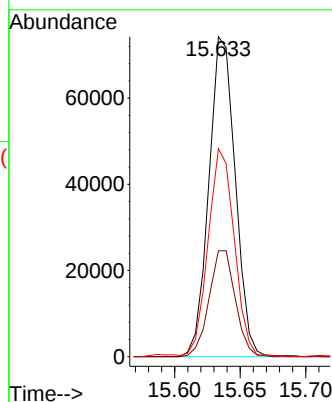
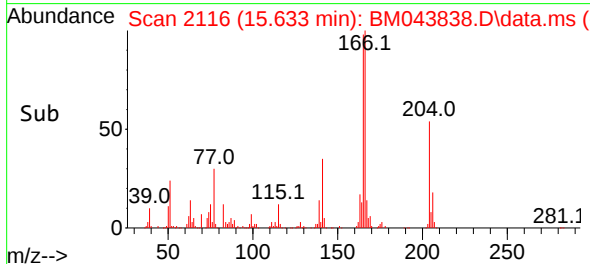
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2023-08



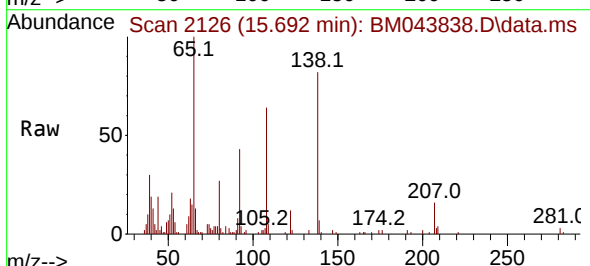
Tgt Ion:204 Resp: 103900
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 65.0 50.3 75.5

Manual Integrations
APPROVED

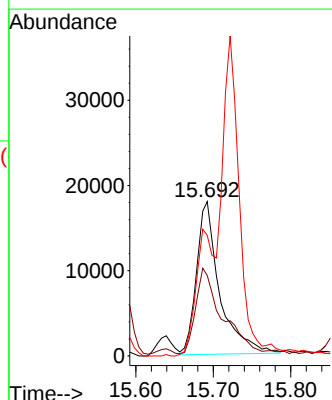
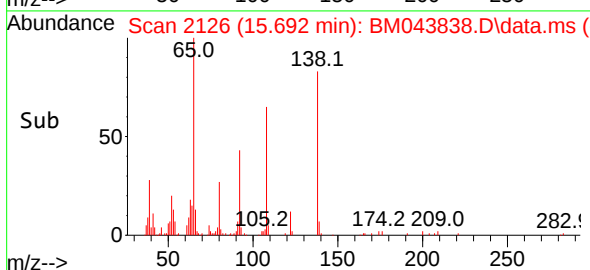
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

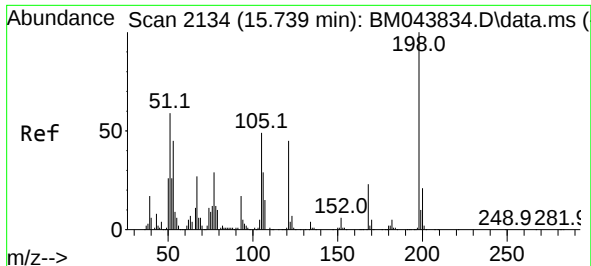


#63
4-Nitroaniline
Concen: 3.714 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49



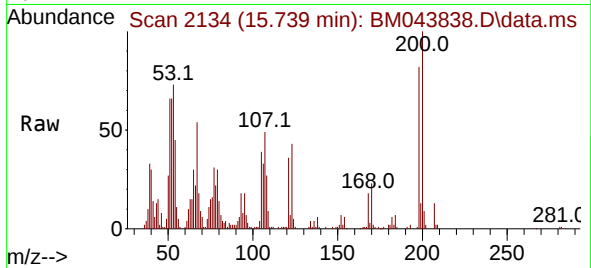
Tgt Ion:138 Resp: 37286
Ion Ratio Lower Upper
138 100
92 52.1 43.3 64.9
108 78.1 63.8 95.8





#66
4,6-Dinitro-2-methylphenol
Concen: 3.761 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

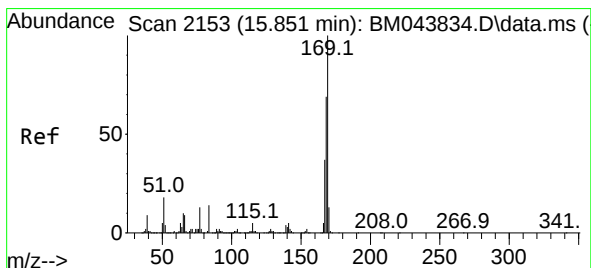
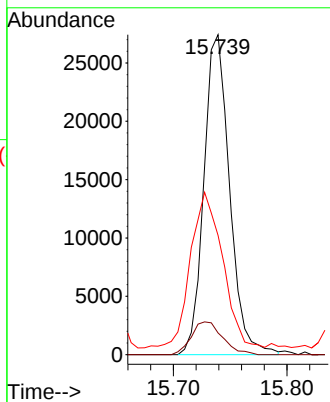
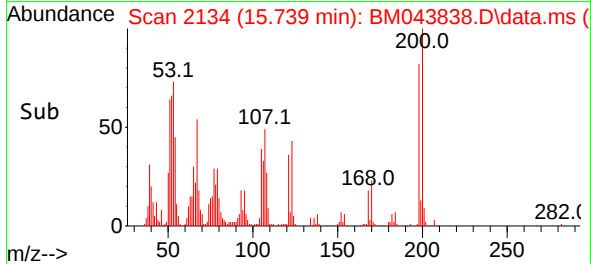
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:198 Resp: 4316
Ion Ratio Lower Upper
198 100
182 6.8 3.4 5.2
77 37.3 21.4 32.2

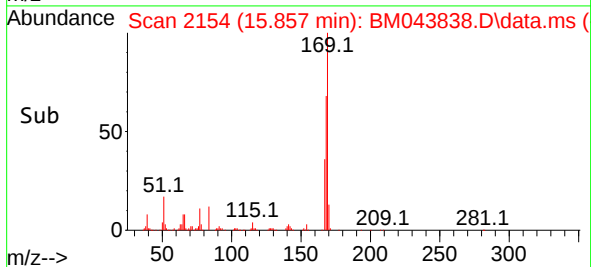
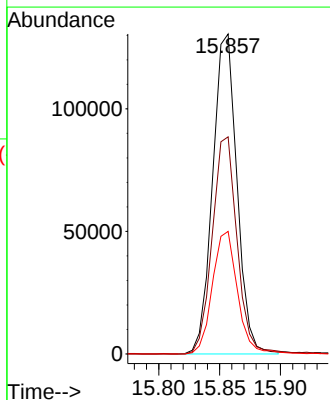
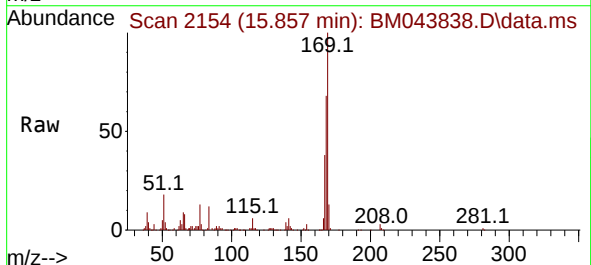
Manual Integrations
APPROVED

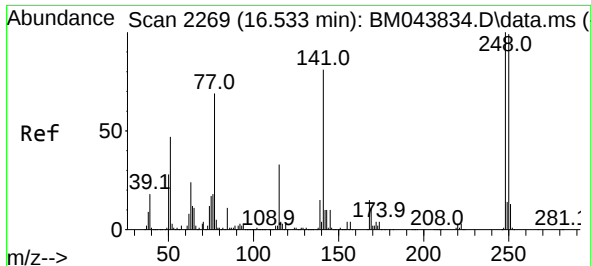
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#67
N-Nitrosodiphenylamine
Concen: 3.649 ng/ul
RT: 15.857 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

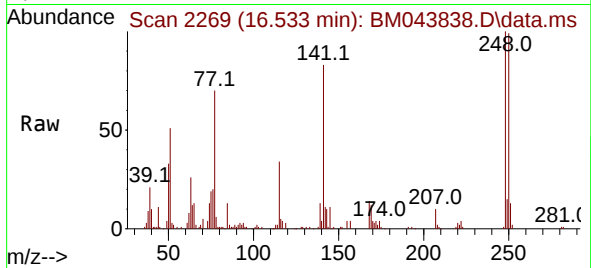
Tgt Ion:169 Resp: 181333
Ion Ratio Lower Upper
169 100
168 67.9 53.9 80.9
167 38.3 29.8 44.6





#68
4-Bromophenyl-phenylether
Concen: 3.589 ng/ul
RT: 16.533 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

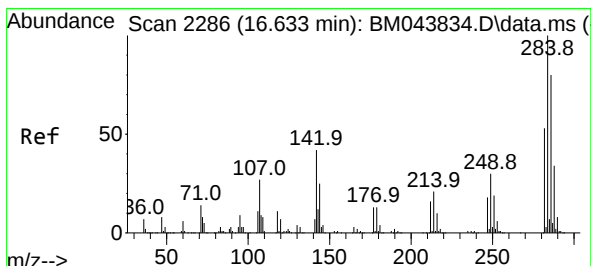
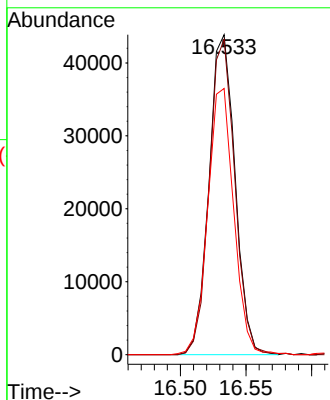
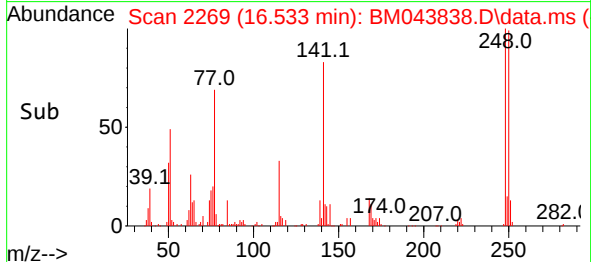
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



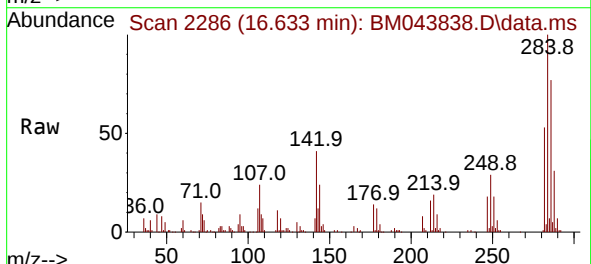
Tgt Ion:248 Resp: 60634
Ion Ratio Lower Upper
248 100
250 98.5 78.2 117.2
141 83.2 64.8 97.2

Manual Integrations
APPROVED

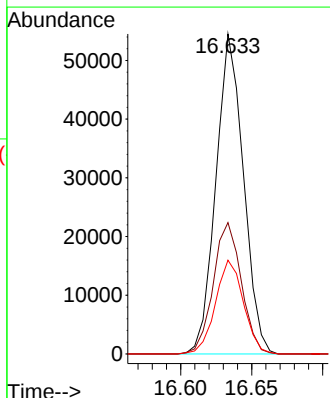
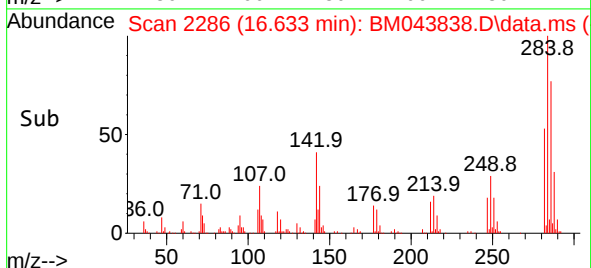
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

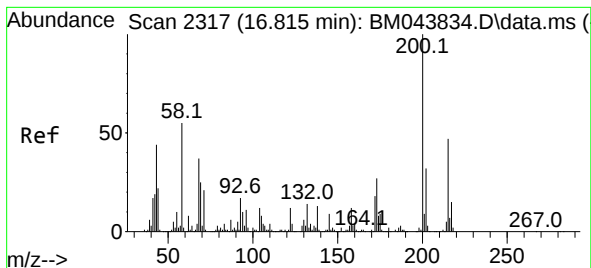


#69
Hexachlorobenzene
Concen: 3.681 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49



Tgt Ion:284 Resp: 73365
Ion Ratio Lower Upper
284 100
142 41.0 31.0 46.6
249 29.3 23.8 35.8





#70

Atrazine

Concen: 4.513 ng/ul

RT: 16.816 min Scan# 2317

Delta R.T. -0.006 min

Lab File: BM043838.D

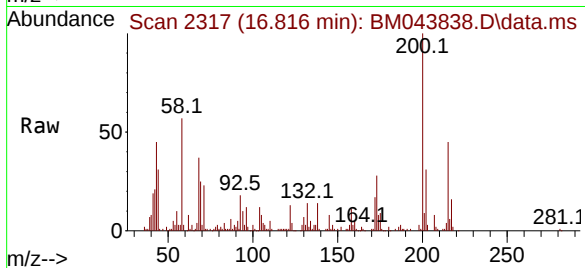
Acq: 15 Jan 2024 12:49

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2023-08

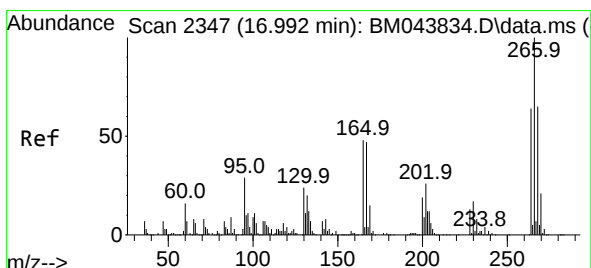
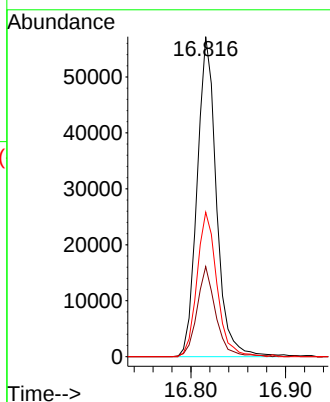
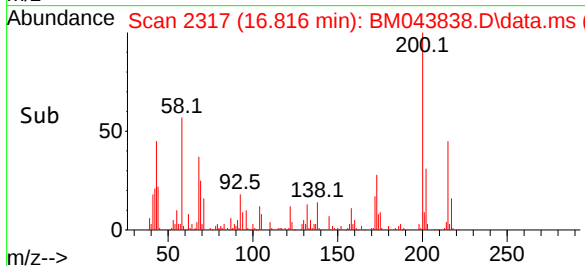


Tgt Ion:	200	Resp:	8112
Ion Ratio	Lower	Upper	
200	100		
173	28.1	22.0	33.0
215	45.2	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#71

Pentachlorophenol

Concen: 4.841 ng/ul

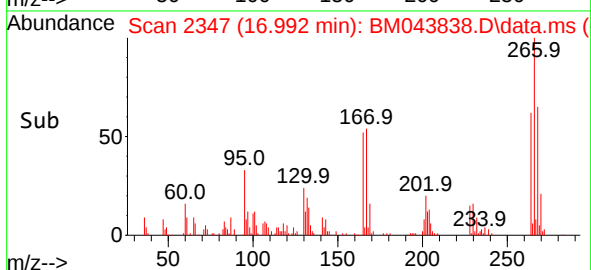
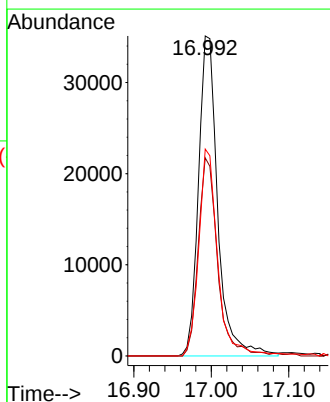
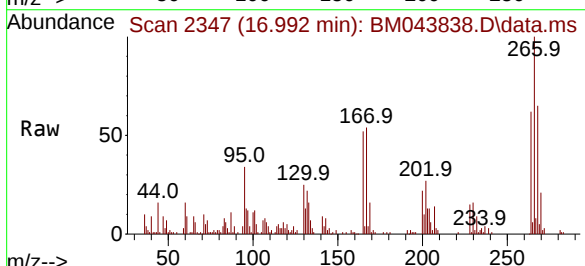
RT: 16.992 min Scan# 2347

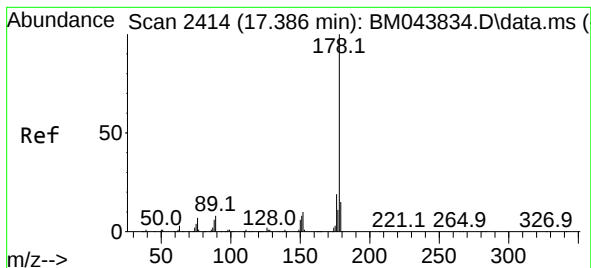
Delta R.T. -0.006 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Tgt Ion:	266	Resp:	60663
Ion Ratio	Lower	Upper	
266	100		
264	61.9	50.0	75.0
268	64.7	51.6	77.4





#72

Phenanthrene

Concen: 3.803 ng/u1

RT: 17.386 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM043838.D

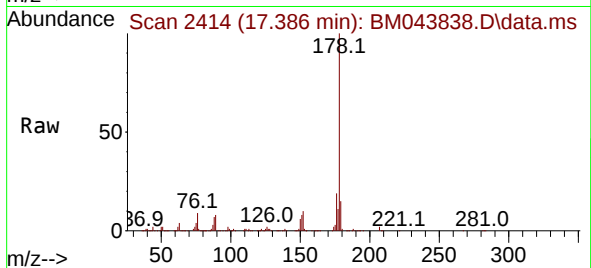
Acq: 15 Jan 2024 12:49

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2023-08



Tgt Ion:178 Resp: 35263

Ion Ratio Lower Upper

178 100

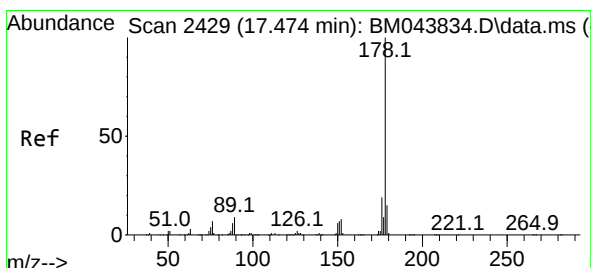
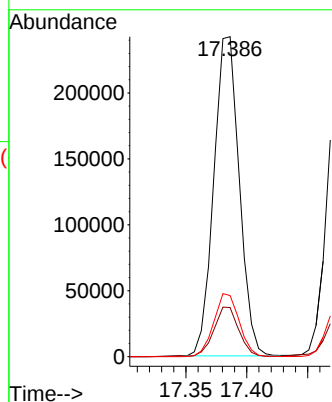
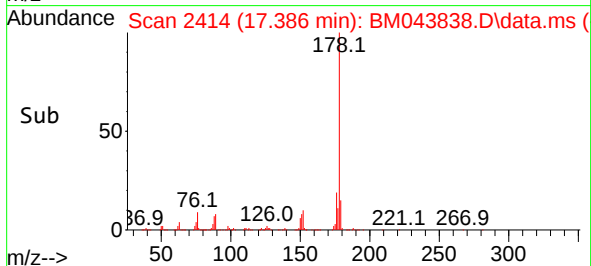
179 15.3 12.6 18.8

176 19.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#74

Anthracene

Concen: 3.687 ng/u1

RT: 17.474 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

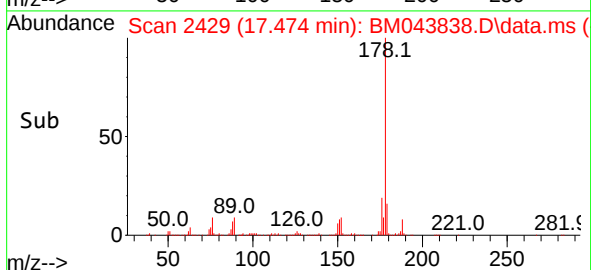
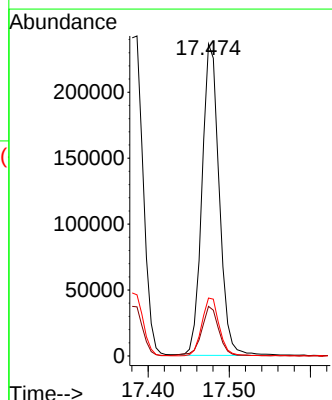
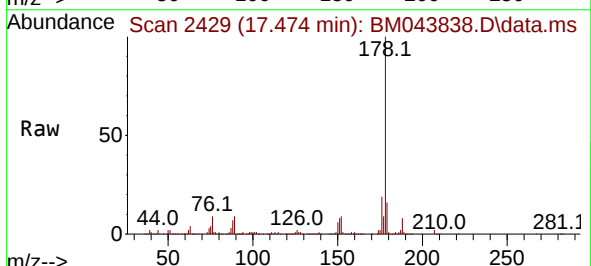
Tgt Ion:178 Resp: 347989

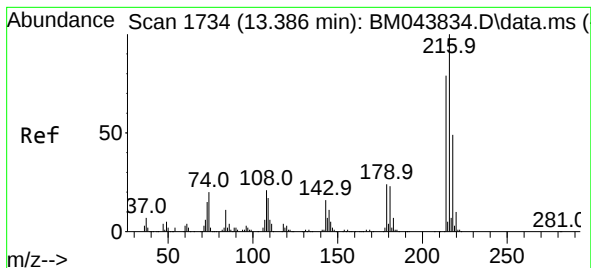
Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

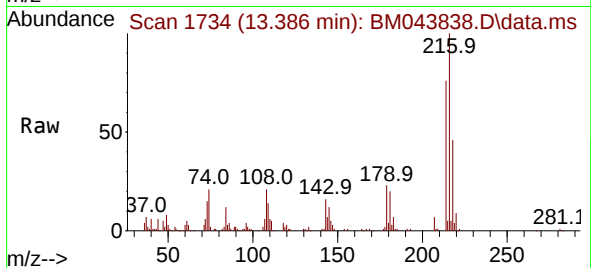
176 18.5 15.2 22.8





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.674 ng/uL
RT: 13.386 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

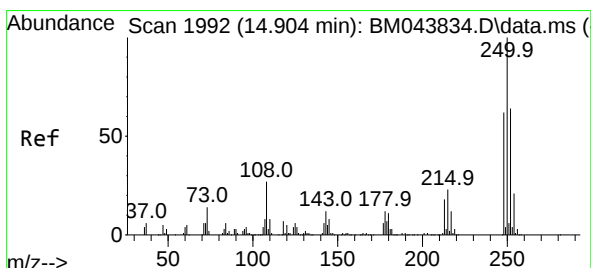
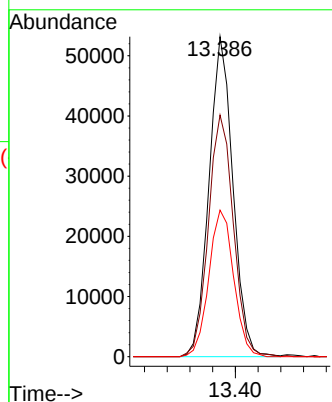
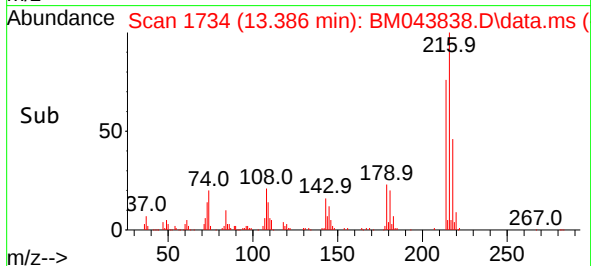
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



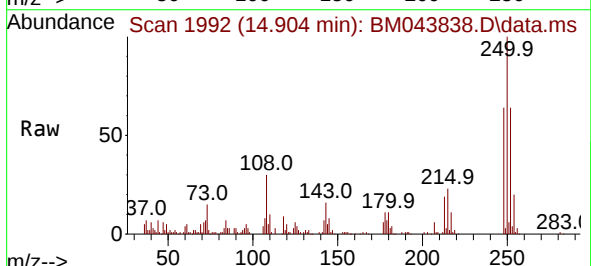
Tgt Ion:216 Resp: 7778
Ion Ratio Lower Upper
216 100
214 75.5 62.5 93.7
218 45.8 38.1 57.1

Manual Integrations
APPROVED

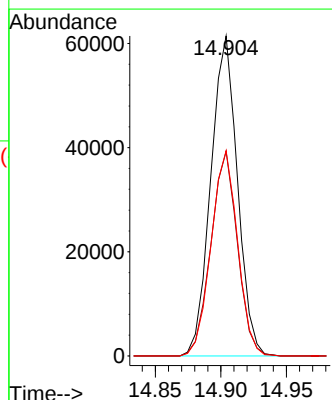
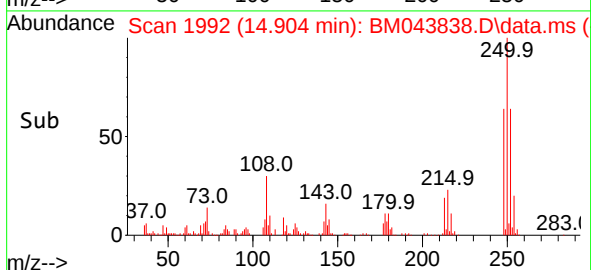
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

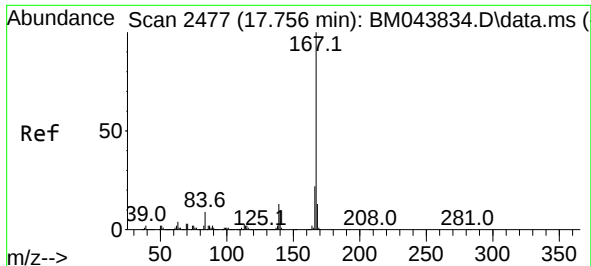


#76
Pentachlorobenzene
Concen: 4.021 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49



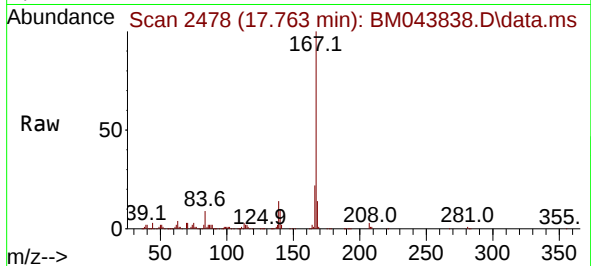
Tgt Ion:250 Resp: 86848
Ion Ratio Lower Upper
250 100
248 63.9 49.4 74.0
252 64.2 50.6 75.8





#77
Carbazole
Concen: 3.361 ng/ul
RT: 17.763 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

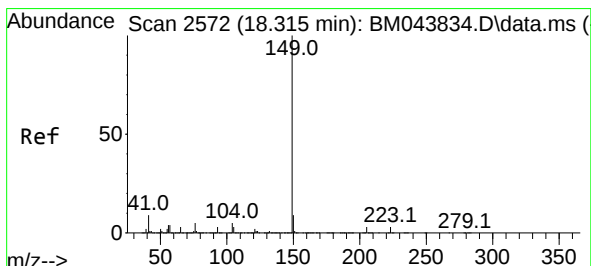
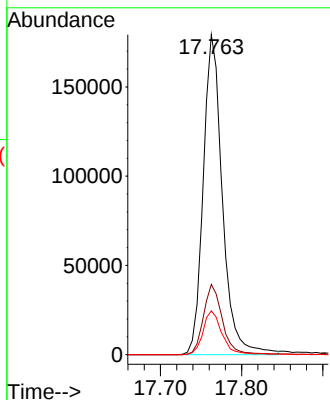
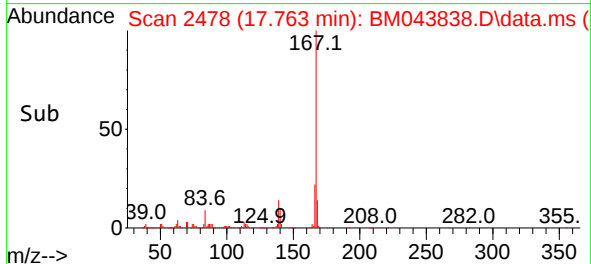
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



Tgt Ion:167 Resp: 294054
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.7 10.4 15.6

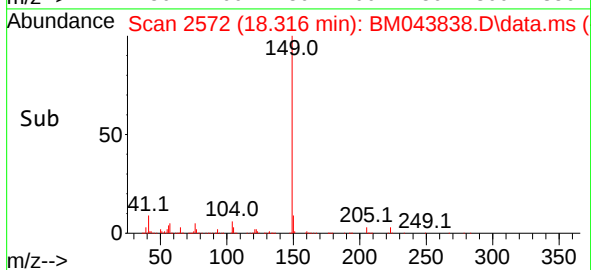
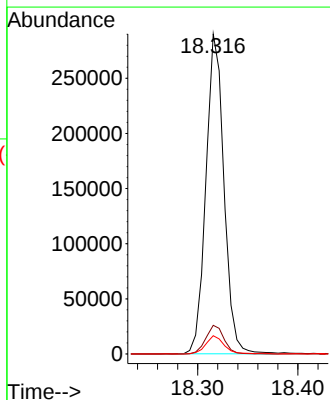
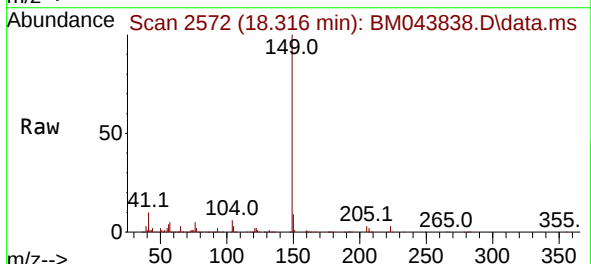
Manual Integrations
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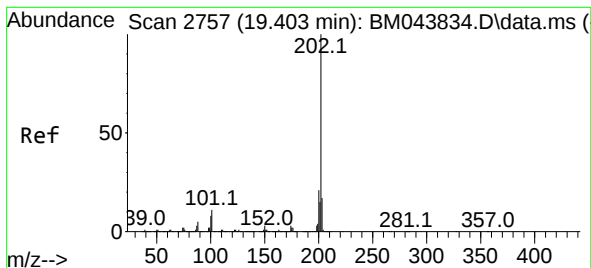
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#78
Di-n-butylphthalate
Concen: 3.058 ng/ul
RT: 18.316 min Scan# 2572
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

Tgt Ion:149 Resp: 363337
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.7 3.8 5.8





#80

Fluoranthene

Concen: 3.729 ng/ul

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Instrument :

BNA_M

ClientSampleId :

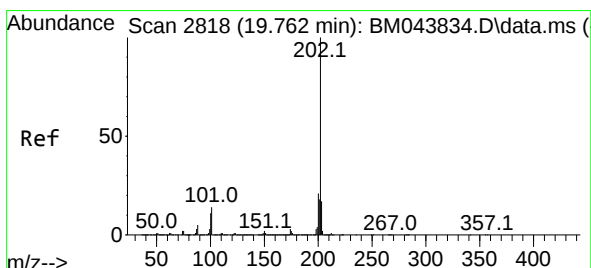
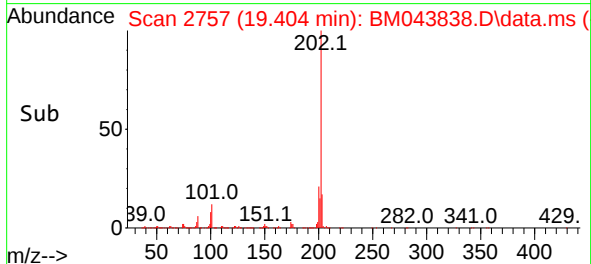
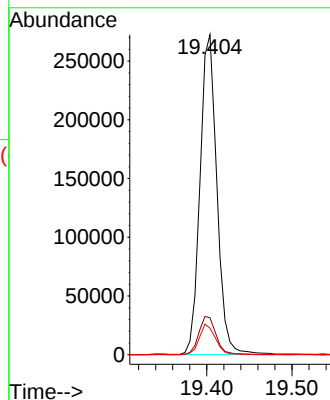
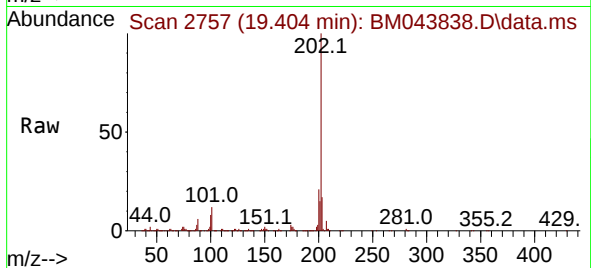
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:202 Resp: 374465
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.4 14.2
 100 8.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024



#82

Pyrene

Concen: 3.980 ng/ul

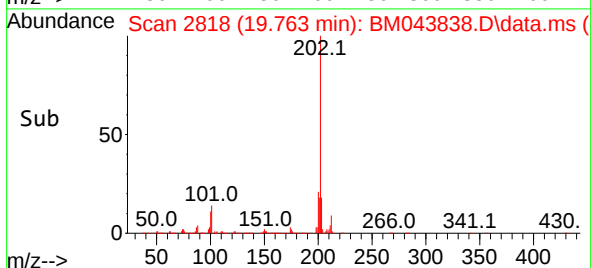
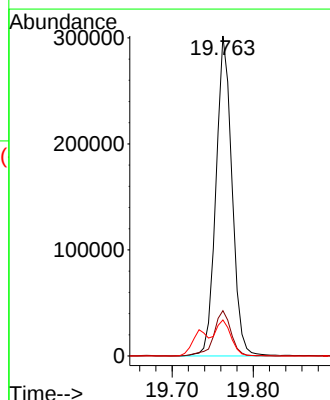
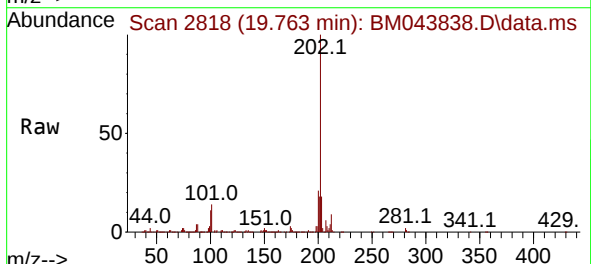
RT: 19.763 min Scan# 2818

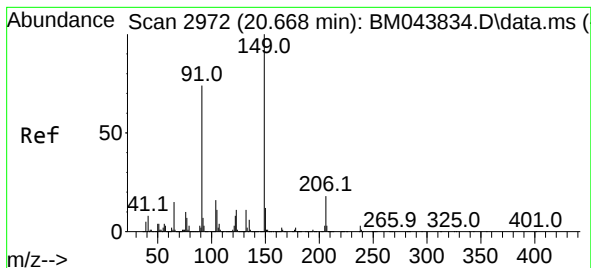
Delta R.T. -0.006 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Tgt Ion:202 Resp: 414165
 Ion Ratio Lower Upper
 202 100
 101 14.1 10.7 16.1
 100 11.3 8.6 12.8





#83

Butylbenzylphthalate

Concen: 3.095 ng/ul

RT: 20.668 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Instrument :

BNA_M

ClientSampleId :

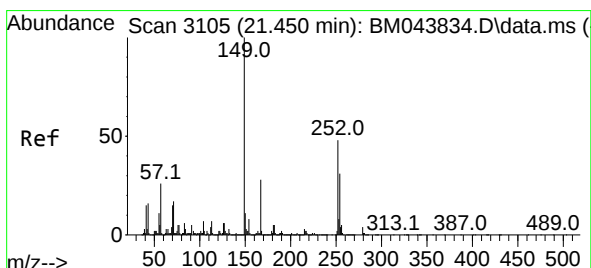
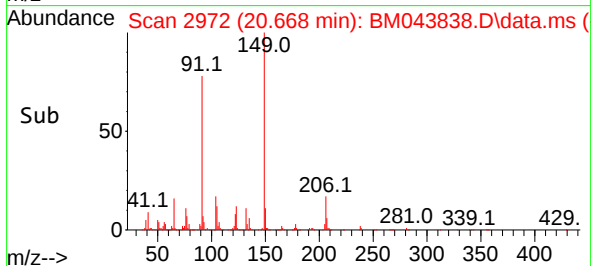
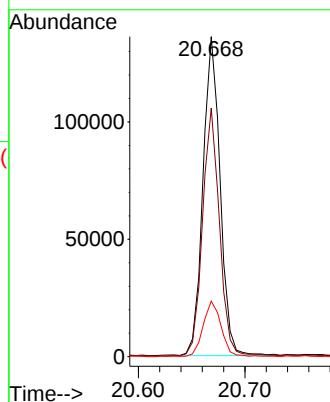
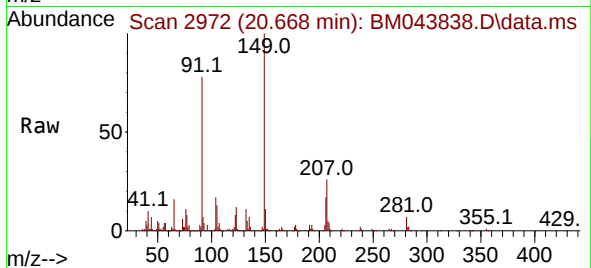
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:	149	Resp:	152294
Ion Ratio	Lower	Upper	
149	100		
91	77.6	56.5	84.7
206	17.4	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.226 ng/ul

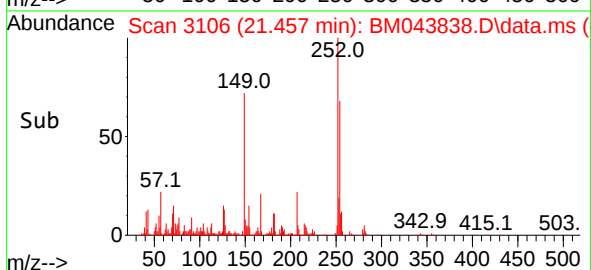
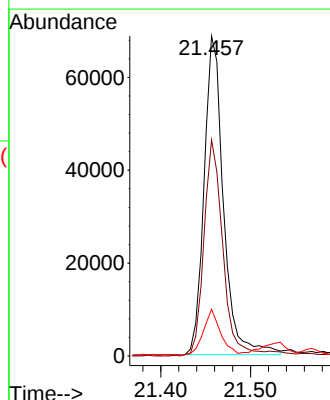
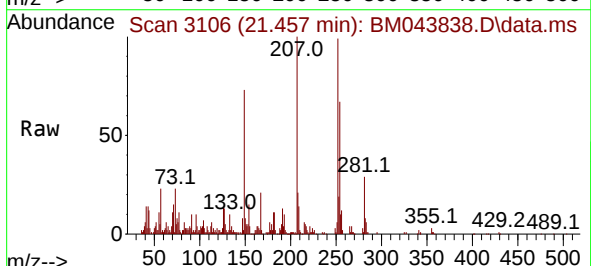
RT: 21.457 min Scan# 3106

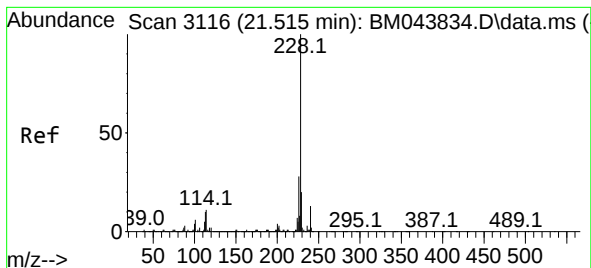
Delta R.T. 0.000 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Tgt Ion:	252	Resp:	103186
Ion Ratio	Lower	Upper	
252	100		
254	67.6	52.1	78.1
126	14.6	9.8	14.8





#85

Benzo(a)anthracene

Concen: 3.801 ng/ul

RT: 21.515 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Instrument :

BNA_M

ClientSampleId :

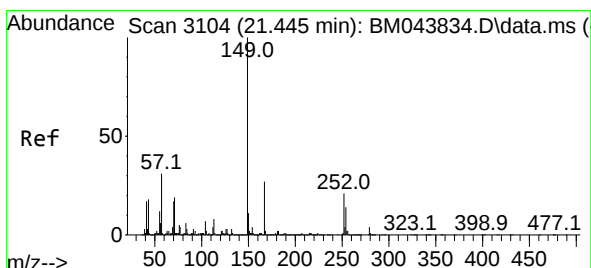
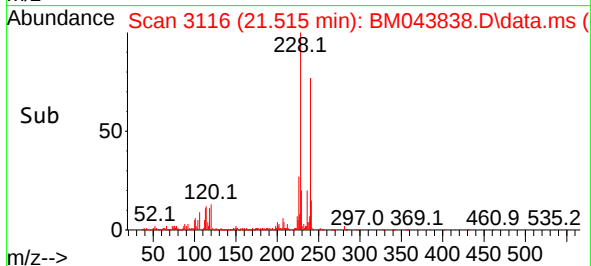
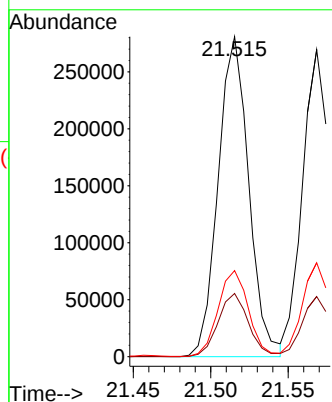
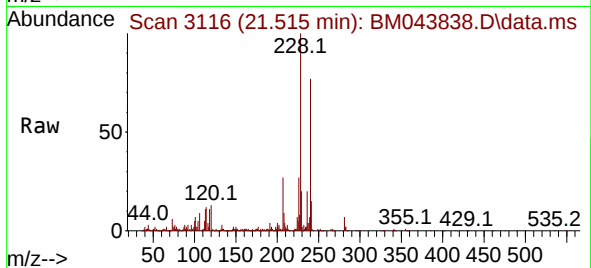
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:	228	Resp:	38568
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.5	23.3
226	26.9	22.3	33.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.007 ng/ul

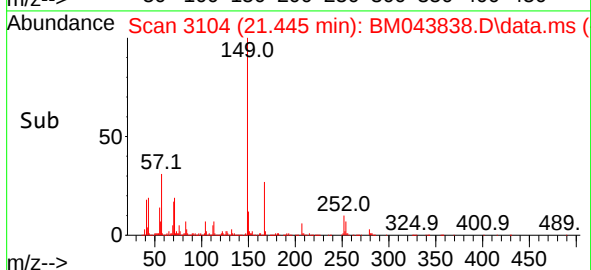
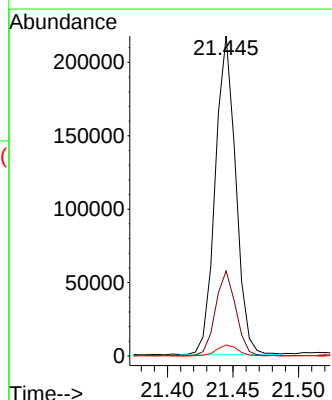
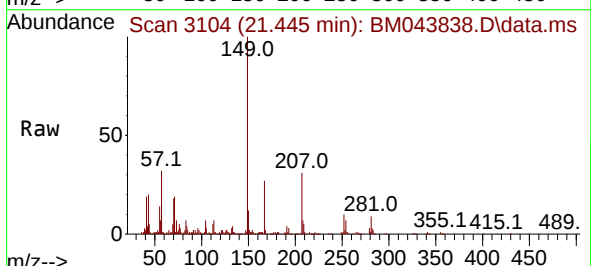
RT: 21.445 min Scan# 3104

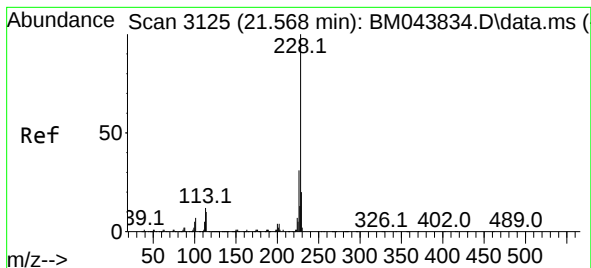
Delta R.T. 0.000 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Tgt Ion:	149	Resp:	235627
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.5	32.3
279	3.5	2.8	4.2





#87

Chrysene

Concen: 3.839 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Instrument :

BNA_M

ClientSampleId :

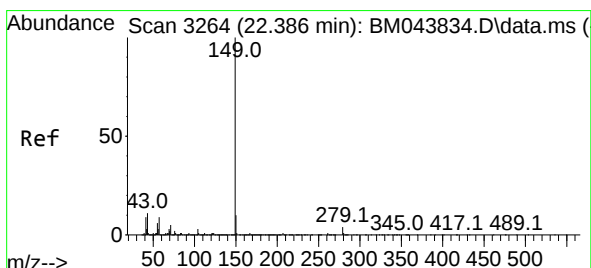
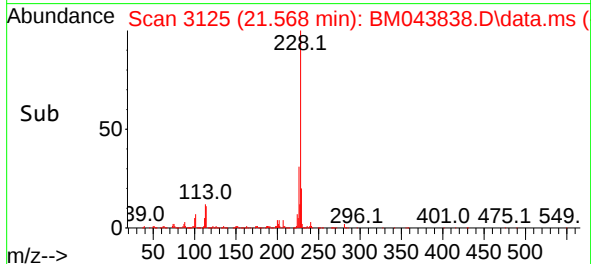
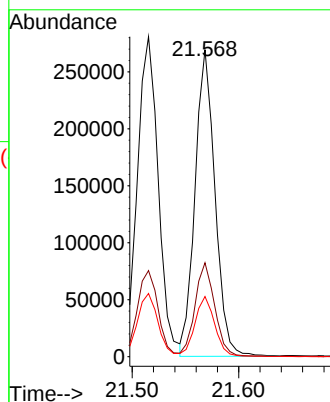
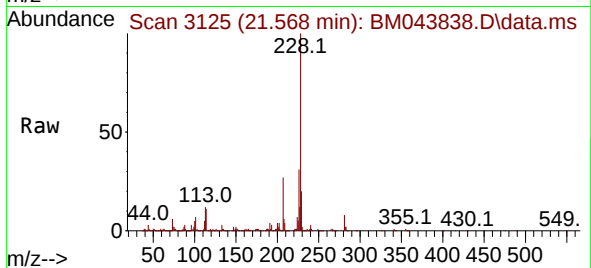
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:228 Resp: 351602
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.6 36.8
 229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024



#89

Di-n-octyl phthalate

Concen: 2.839 ng/ul

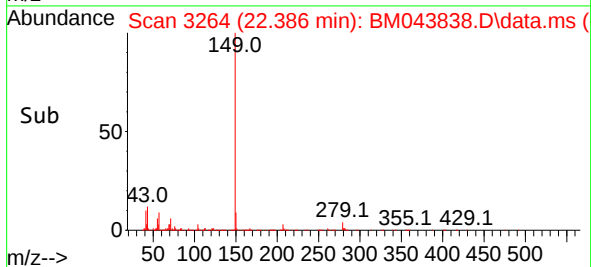
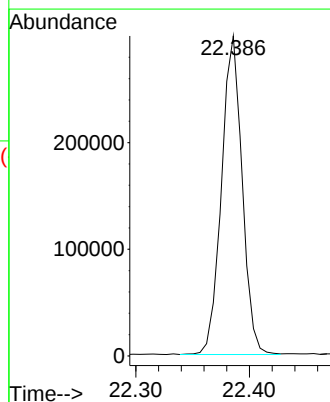
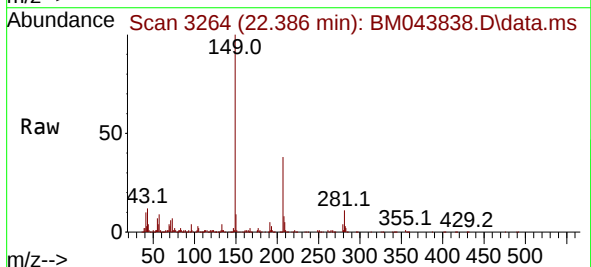
RT: 22.386 min Scan# 3264

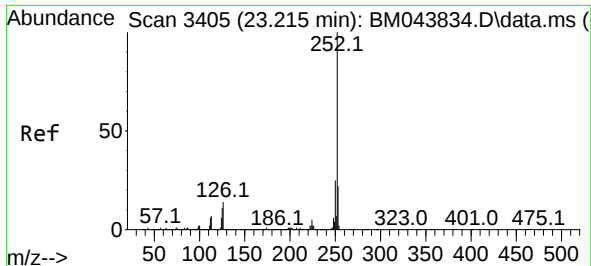
Delta R.T. 0.000 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

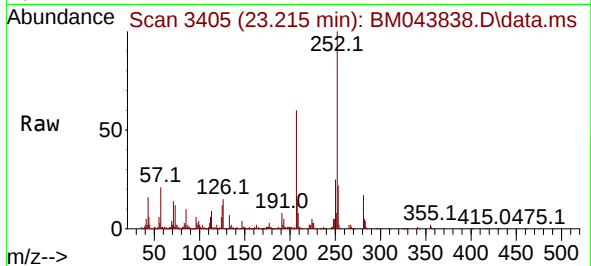
Tgt Ion:149 Resp: 377436





#90
Benzo(b)fluoranthene
Concen: 3.621 ng/ul
RT: 23.215 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49

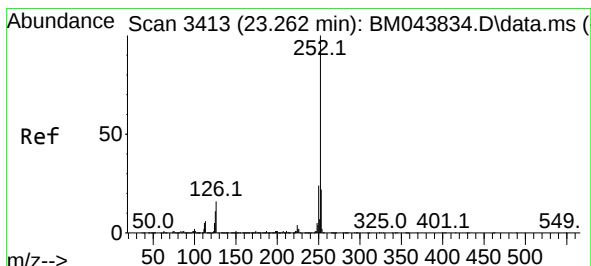
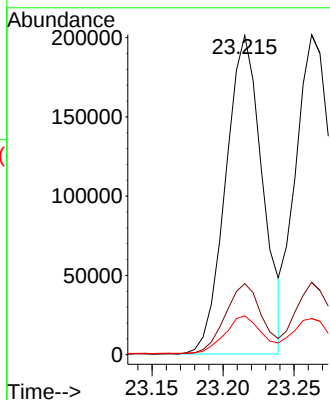
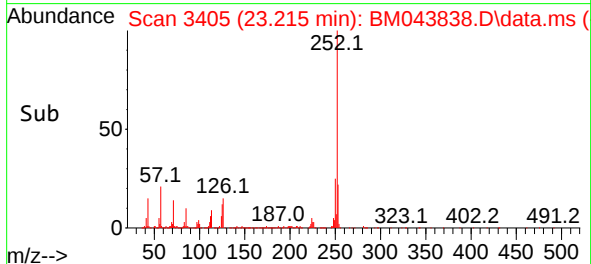
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2023-08



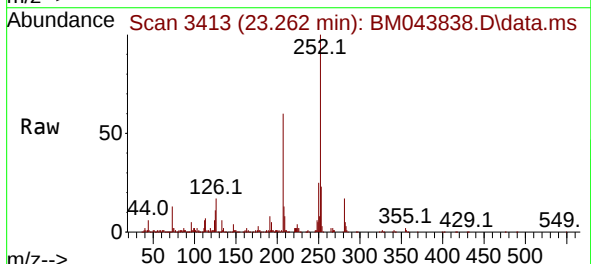
Tgt Ion:252 Resp: 362418
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 12.2 8.6 12.8

Manual Integrations
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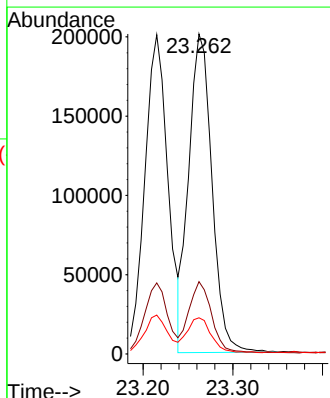
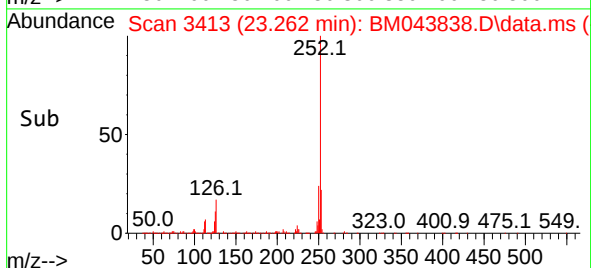
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

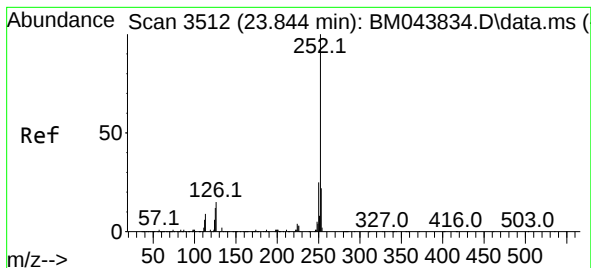


#91
Benzo(k)fluoranthene
Concen: 3.665 ng/ul
RT: 23.262 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM043838.D
Acq: 15 Jan 2024 12:49



Tgt Ion:252 Resp: 361323
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.3 8.6 13.0





#93

Benzo(a)pyrene

Concen: 3.752 ng/ul

RT: 23.845 min Scan# 3512

Delta R.T. -0.006 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Instrument :

BNA_M

ClientSampleId :

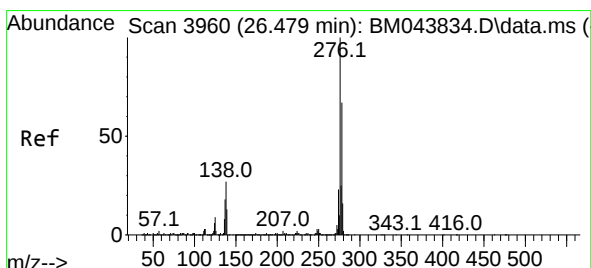
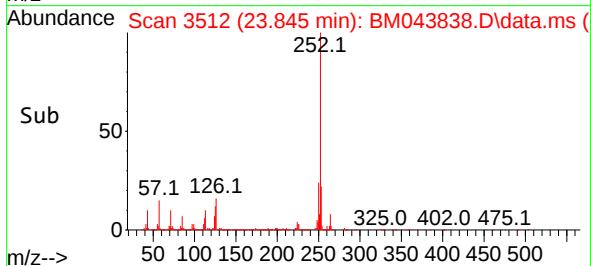
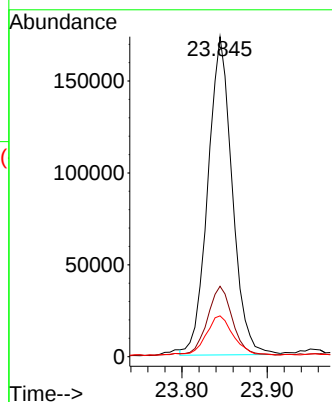
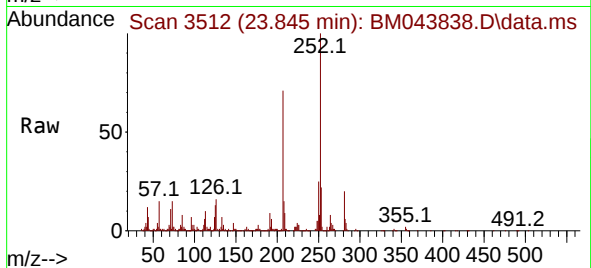
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:	252	Resp:	34372
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	12.7	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.897 ng/ul

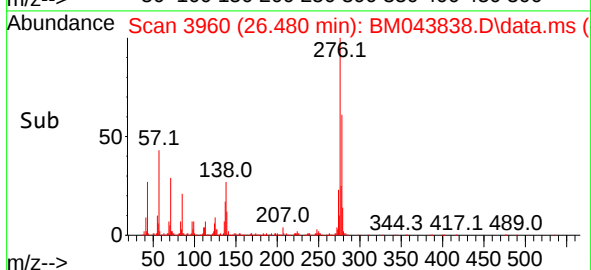
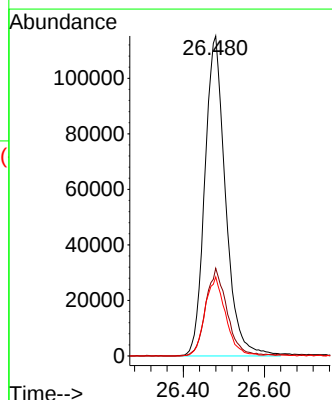
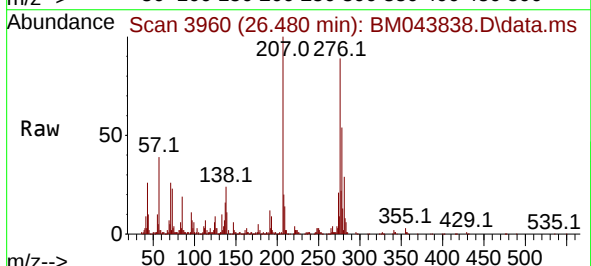
RT: 26.480 min Scan# 3960

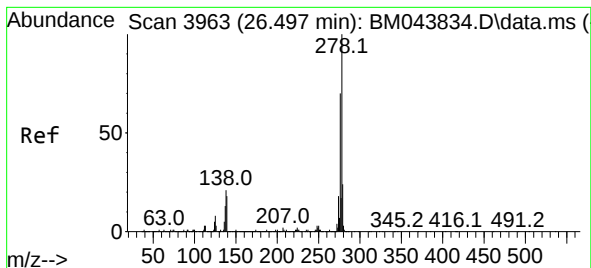
Delta R.T. -0.006 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Tgt Ion:	276	Resp:	407422
Ion Ratio	Lower	Upper	
276	100		
138	27.4	21.4	32.0
277	24.7	20.2	30.2





#95

Dibenzo(a,h)anthracene

Concen: 3.787 ng/ul

RT: 26.497 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Instrument :

BNA_M

ClientSampleId :

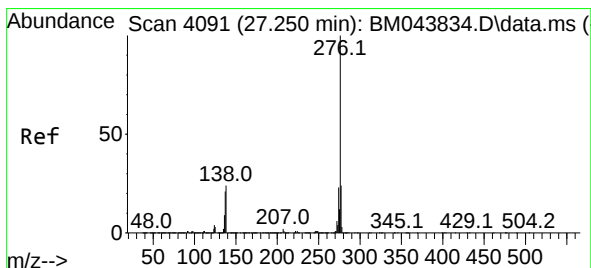
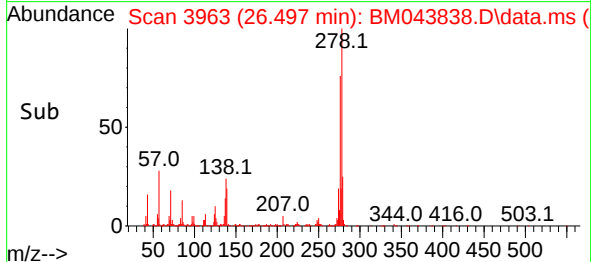
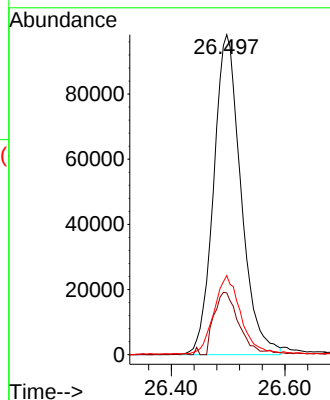
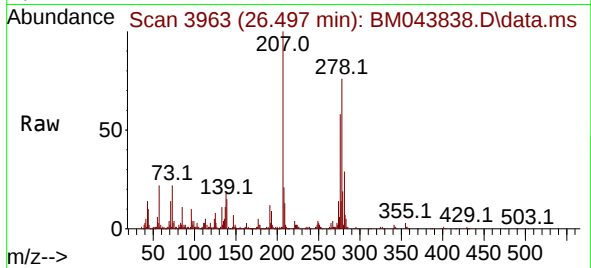
MDL-MED-SOIL-QT4-2023-08

Tgt Ion:	278	Resp:	32808
Ion Ratio	Lower	Upper	
278	100		
139	19.3	14.4	21.6
279	24.7	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#96

Benzo(g,h,i)perylene

Concen: 4.023 ng/ul

RT: 27.256 min Scan# 4092

Delta R.T. 0.000 min

Lab File: BM043838.D

Acq: 15 Jan 2024 12:49

Tgt Ion:	276	Resp:	319453
Ion Ratio	Lower	Upper	
276	100		
138	23.3	19.1	28.7
277	23.8	19.1	28.7

