

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
 Data File : BM044551.D
 Acq On : 07 Mar 2024 15:17
 Operator : MA/JU
 Sample : P1601-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2024-01

Quant Time: Mar 07 15:53:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 23:05:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	272519	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.504	136	1221888	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.363	164	768304	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.121	188	1639010	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	1443901	20.000	ng/u1	0.00
88) Perylene-d12	23.568	264	1362039	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	35306	4.394	ng/uL	-0.01
4) Pyridine-d5	3.669	84	498826	21.093	ng/u1	-0.01
7) Phenol-d5	6.892	99	583121	20.812	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	373972	21.609	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.251	132	439799	21.360	ng/u1	-0.02
15) 4-Methylphenol-d8	8.422	113	449685	20.437	ng/u1	-0.02
21) Nitrobenzene-d5	8.881	128	231483	22.498	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.592	143	249025	22.451	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	416992	22.089	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.651	131	654882	20.888	ng/u1	-0.01
46) Dimethylphthalate-d6	13.786	166	1300054	21.571	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1505181	21.837	ng/u1	0.00
54) 4-Nitrophenol-d4	14.574	143	255752	20.463	ng/u1	0.00
60) Fluorene-d10	15.363	176	1143745	22.583	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	199246	18.728	ng/u1	0.00
73) Anthracene-d10	17.215	188	1649052	21.049	ng/u1	0.00
81) Pyrene-d10	19.515	212	1961456	22.149	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.427	264	1593698	22.261	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	8796	1.057	ng/uL	90
5) Pyridine	3.693	79	98685	4.023	ng/u1#	65
6) Benzaldehyde	6.881	77	70308	5.761	ng/u1	97
8) Phenol	6.916	94	115321	4.033	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.163	93	97996	4.174	ng/u1	96
12) 2-Chlorophenol	7.287	128	90312	4.253	ng/u1	97
13) 2-Methylphenol	8.157	108	83749	3.860	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.245	45	140988	4.547	ng/u1	99
16) Acetophenone	8.545	105	147211	4.314	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.528	70	75235	4.267	ng/u1	94
18) 4-Methylphenol	8.486	108	92998	3.937	ng/u1	95
19) Hexachloroethane	8.781	117	36756	4.225	ng/u1	94
22) Nitrobenzene	8.922	77	108266	4.437	ng/u1	95
23) Isophorone	9.445	82	206529	4.149	ng/u1	99
25) 2-Nitrophenol	9.628	139	51525	4.261	ng/u1	96
26) 2,4-Dimethylphenol	9.681	107	71366	3.243	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.933	93	134457	4.295	ng/u1	99
29) 2,4-Dichlorophenol	10.151	162	84169	4.466	ng/u1	96
30) Naphthalene	10.551	128	308310	4.455	ng/u1	100
32) 4-Chloroaniline	10.675	127	125203	4.142	ng/u1	94
33) Hexachlorobutadiene	10.822	225	48305	4.573	ng/u1	95
34) Caprolactam	11.480	113	30030m	4.092	ng/u1	
35) 4-Chloro-3-methylphenol	11.792	107	88406	4.045	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	203320	4.418	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
 Data File : BM044551.D
 Acq On : 07 Mar 2024 15:17
 Operator : MA/JU
 Sample : P1601-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2024-01

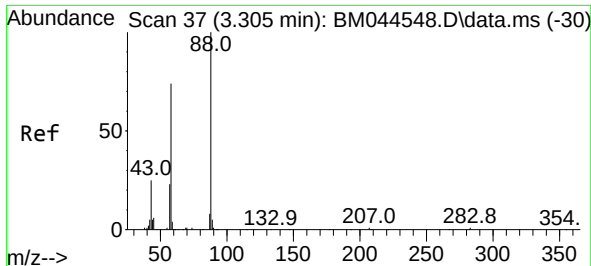
Quant Time: Mar 07 15:53:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 23:05:11 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/09/2024

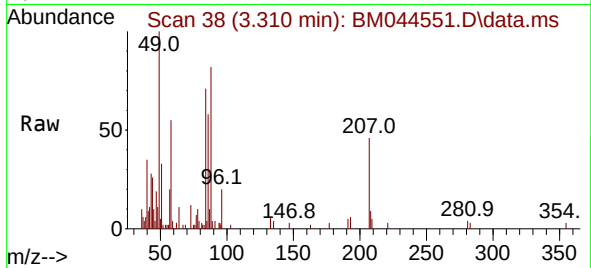
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	211778	4.665	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.539	216	99282	4.542	ng/ul	97
40) Hexachlorocyclopentadiene	12.504	237	52599	3.625	ng/ul	94
41) 2,4,6-Trichlorophenol	12.786	196	59126	3.859	ng/ul	97
42) 2,4,5-Trichlorophenol	12.857	196	66863	4.072	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	268985	4.409	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	206231	4.308	ng/ul	99
45) 2-Nitroaniline	13.451	65	57569	3.830	ng/ul	93
47) Dimethylphthalate	13.833	163	264871	4.319	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	44575	3.639	ng/ul	93
50) Acenaphthylene	14.086	152	351475	4.375	ng/ul	99
51) 3-Nitroaniline	14.286	138	49409	3.734	ng/ul	94
52) Acenaphthene	14.427	153	231282	4.379	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	34120	4.354	ng/ul	95
55) 4-Nitrophenol	14.586	109	40858	4.666	ng/ul	92
56) Dibenzofuran	14.768	168	311742	4.438	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	68241	3.859	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.992	232	55188	4.061	ng/ul	97
59) Diethylphthalate	15.204	149	258670	4.064	ng/ul	98
61) Fluorene	15.415	166	261450	4.551	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.421	204	122551	4.596	ng/ul	98
63) 4-Nitroaniline	15.451	138	51429	4.067	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.504	198	50480	4.440	ng/ul#	90
67) N-Nitrosodiphenylamine	15.633	169	210874	4.272	ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	73102	4.459	ng/ul	96
69) Hexachlorobenzene	16.409	284	86494	4.632	ng/ul	90
70) Atrazine	16.598	200	82528	5.116	ng/ul	98
71) Pentachlorophenol	16.762	266	57873	4.694	ng/ul	97
72) Phenanthrene	17.162	178	406780	4.375	ng/ul	99
74) Anthracene	17.251	178	387455	4.121	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	95712	4.372	ng/uL	99
76) Pentachlorobenzene	14.674	250	106477	5.031	ng/uL	98
77) Carbazole	17.527	167	365047	4.131	ng/ul	100
78) Di-n-butylphthalate	18.104	149	432569	3.640	ng/ul	99
80) Fluoranthene	19.180	202	447096	4.239	ng/ul	98
82) Pyrene	19.545	202	481696	4.387	ng/ul	97
83) Butylbenzylphthalate	20.462	149	175555	3.252	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	145105	4.646	ng/ul	99
85) Benzo(a)anthracene	21.297	228	446890	4.121	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.244	149	264284	3.357	ng/ul#	99
87) Chrysene	21.350	228	412425	4.108	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	447228	3.669	ng/ul	100
90) Benzo(b)fluoranthene	22.891	252	379000	4.159	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	404101	4.527	ng/ul	98
93) Benzo(a)pyrene	23.468	252	357558	4.194	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.844	276	370680	3.876	ng/ul	98
95) Dibenzo(a,h)anthracene	25.862	278	316217	3.966	ng/ul	97
96) Benzo(g,h,i)perylene	26.544	276	291304	3.817	ng/ul	96

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



#2
1,4-Dioxane
Concen: 1.057 ng/uL
RT: 3.310 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

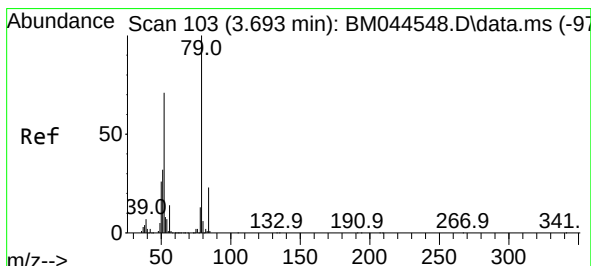
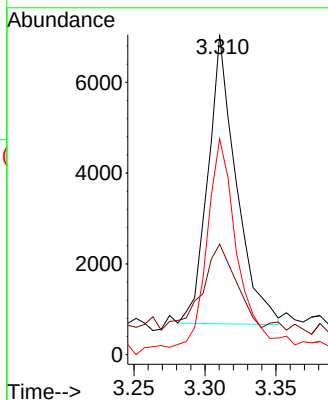
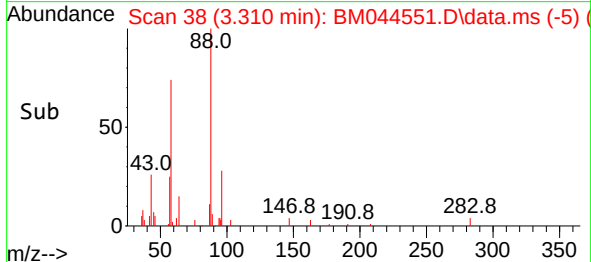
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion: 88 Resp: 8790
Ion Ratio Lower Upper
88 100
43 34.5 23.8 35.6
58 67.4 61.6 92.4

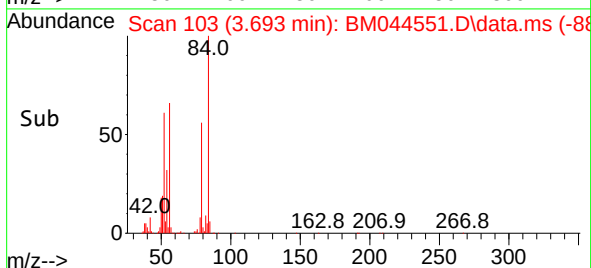
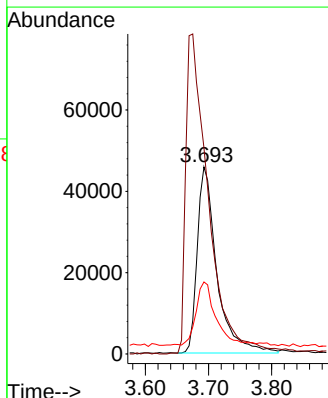
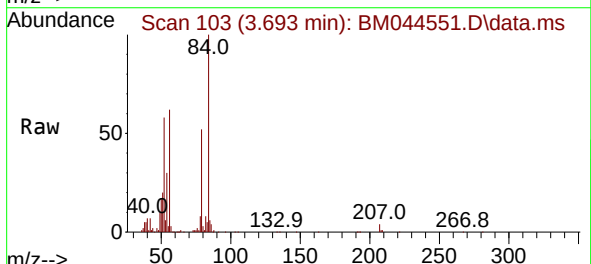
Manual Integrations
APPROVED

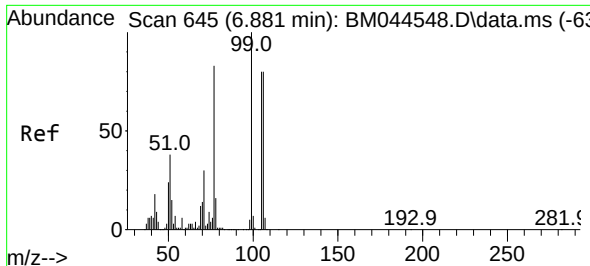
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#5
Pyridine
Concen: 4.023 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

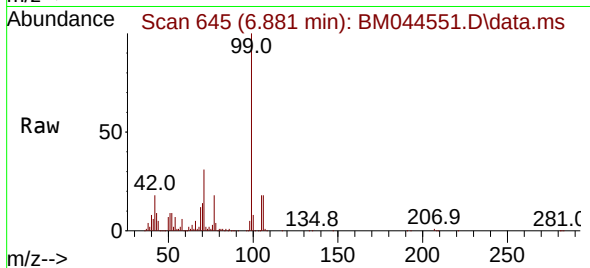
Tgt Ion: 79 Resp: 98685
Ion Ratio Lower Upper
79 100
52 110.2 57.4 86.0#
51 38.5 26.6 39.8





#6
Benzaldehyde
Concen: 5.761 ng/ul
RT: 6.881 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

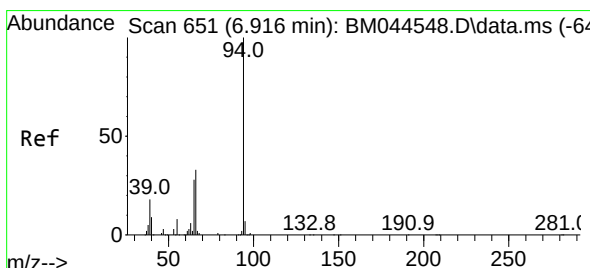
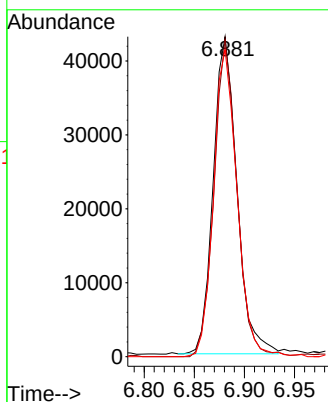
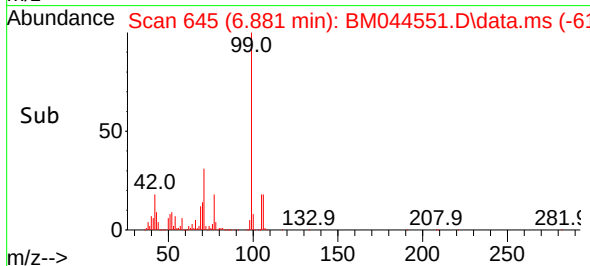
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion: 77 Resp: 70308
Ion Ratio Lower Upper
77 100
105 99.2 81.4 122.0
106 96.0 80.2 120.4

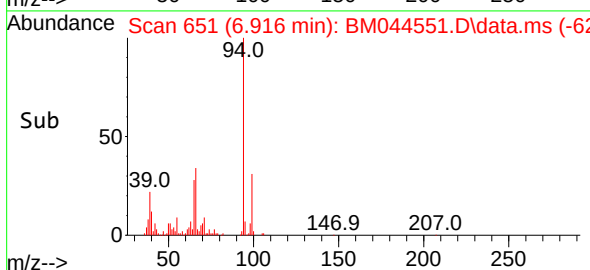
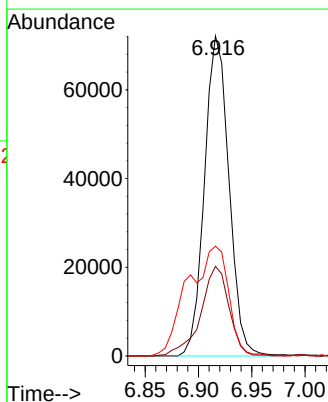
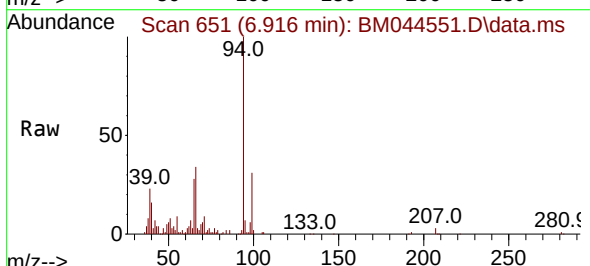
Manual Integrations
APPROVED

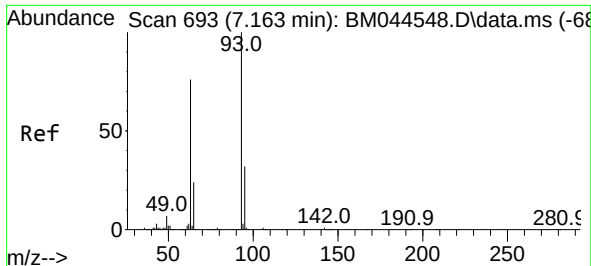
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#8
Phenol
Concen: 4.033 ng/ul
RT: 6.916 min Scan# 651
Delta R.T. -0.018 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Tgt Ion: 94 Resp: 115321
Ion Ratio Lower Upper
94 100
65 28.0 21.3 31.9
66 34.3 25.4 38.2





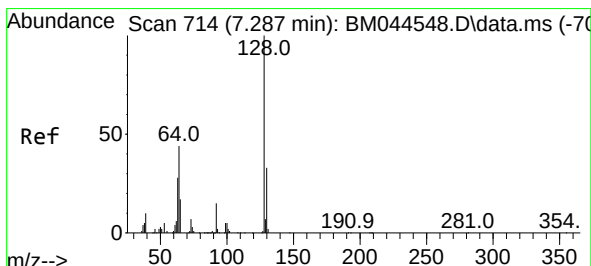
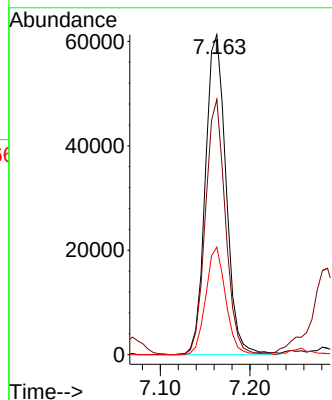
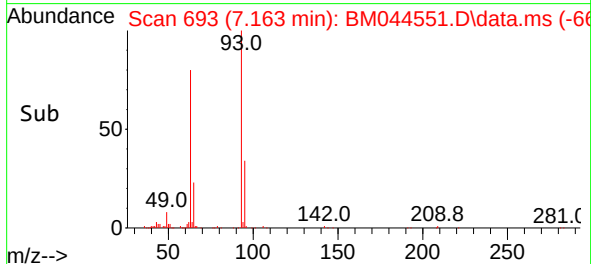
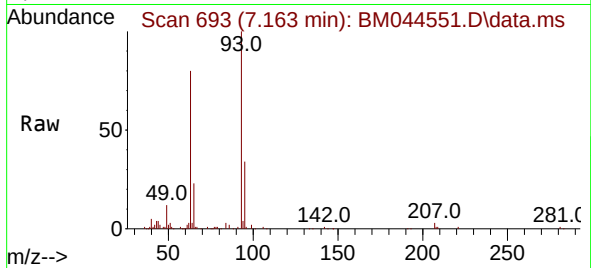
#10
Bis(2-Chloroethyl)ether
Concen: 4.174 ng/ul
RT: 7.163 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion: 93 Resp: 97990
Ion Ratio Lower Upper
93 100
63 79.7 60.2 90.4
95 33.6 26.8 40.2

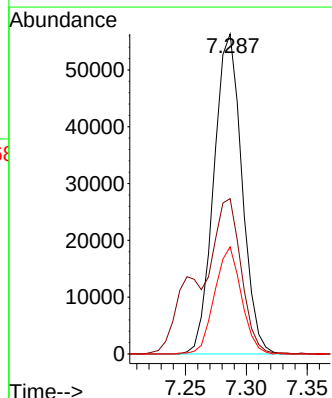
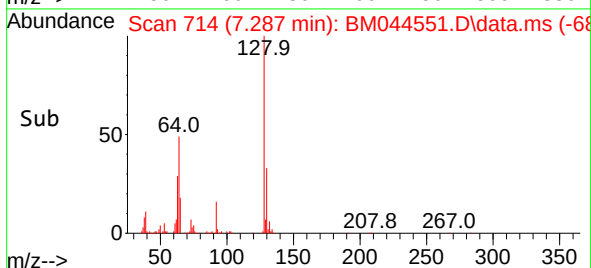
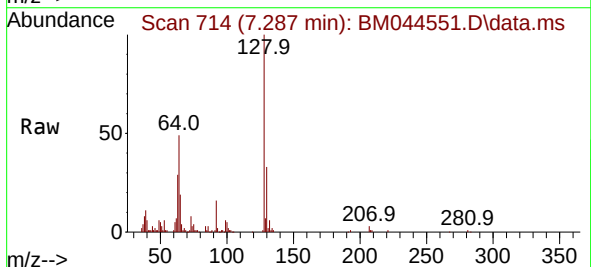
Manual Integrations
APPROVED

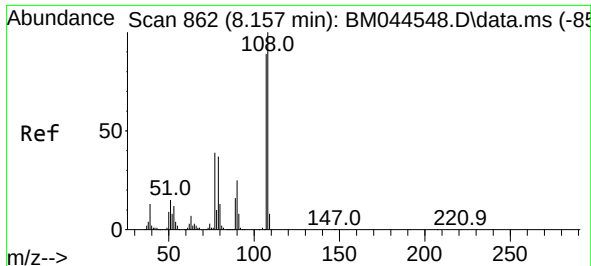
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#12
2-Chlorophenol
Concen: 4.253 ng/ul
RT: 7.287 min Scan# 714
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Tgt Ion:128 Resp: 90312
Ion Ratio Lower Upper
128 100
64 48.5 37.4 56.2
130 33.4 25.4 38.0





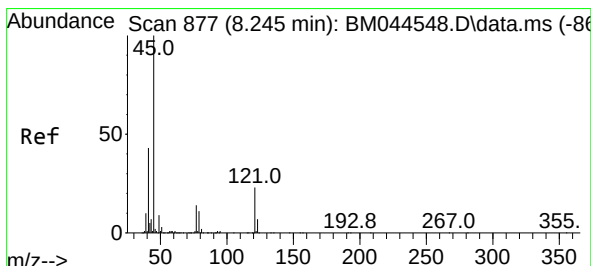
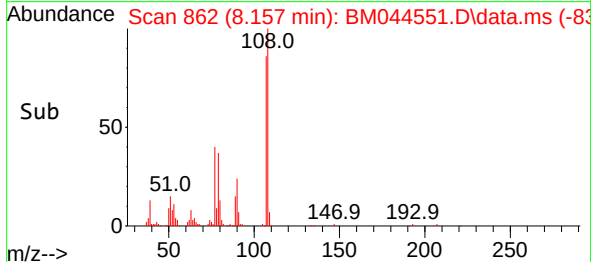
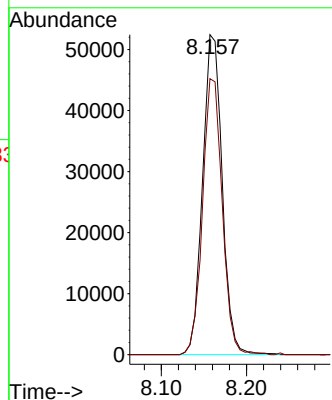
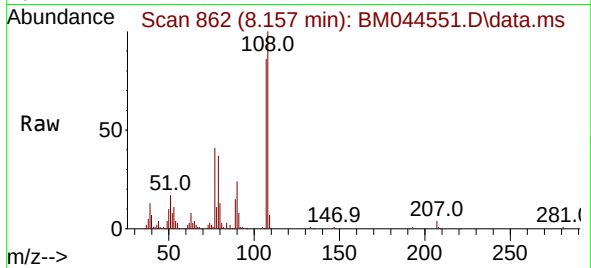
#13
2-Methylphenol
Concen: 3.860 ng/ul
RT: 8.157 min Scan# 862
Delta R.T. -0.018 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:108 Resp: 83749
Ion Ratio Lower Upper
108 100
107 86.3 71.7 107.5

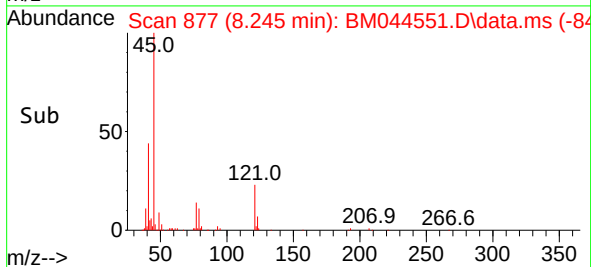
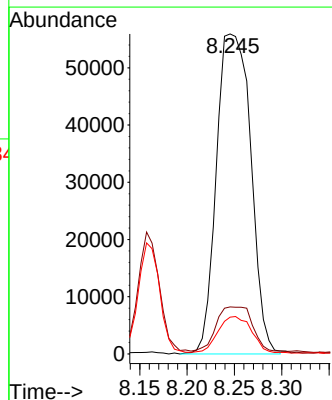
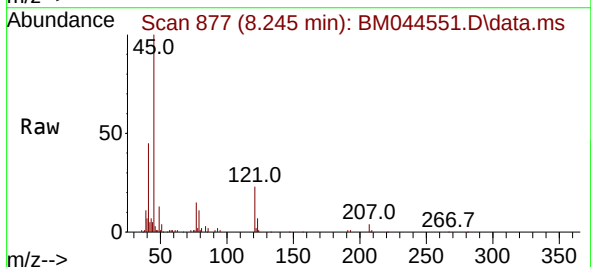
Manual Integrations
APPROVED

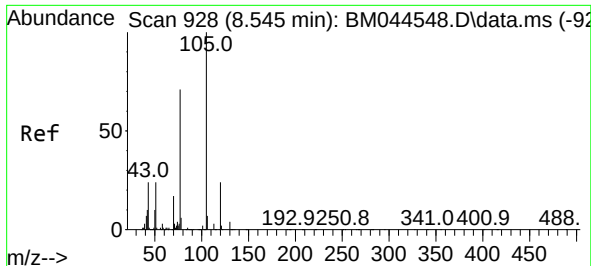
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.547 ng/ul
RT: 8.245 min Scan# 877
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

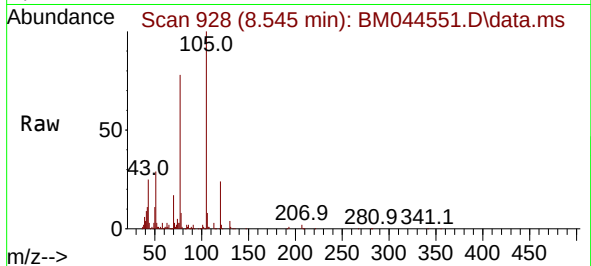
Tgt Ion: 45 Resp: 140988
Ion Ratio Lower Upper
45 100
77 14.7 12.4 18.6
79 11.5 9.0 13.6





#16
Acetophenone
Concen: 4.314 ng/ul
RT: 8.545 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

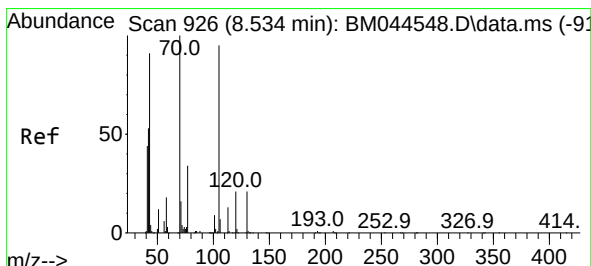
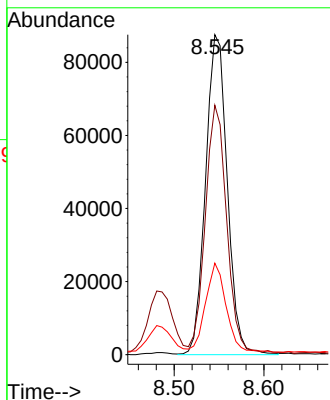
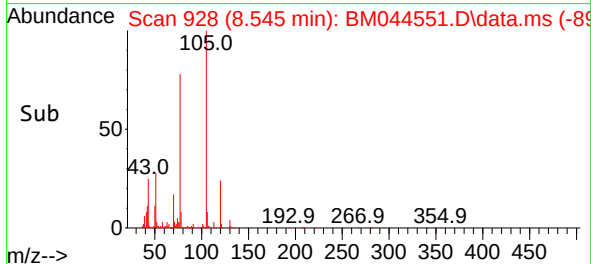
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



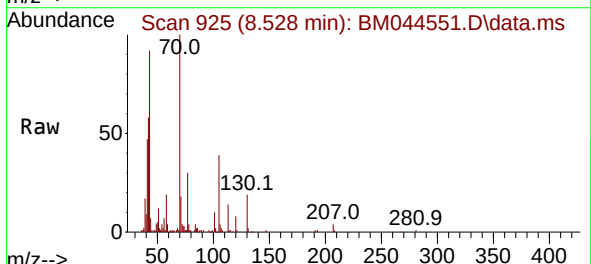
Tgt Ion:105 Resp: 14721
Ion Ratio Lower Upper
105 100
77 78.0 59.5 89.3
51 28.6 20.2 30.4

Manual Integrations
APPROVED

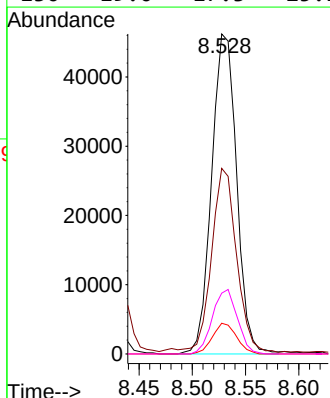
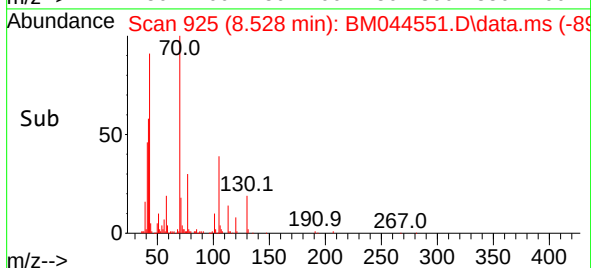
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

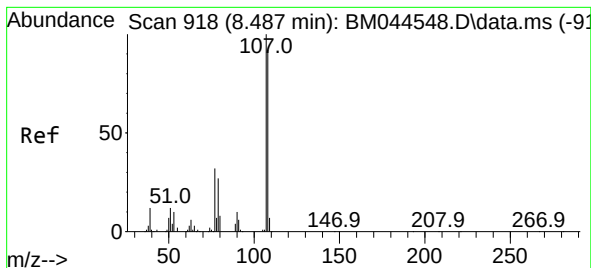


#17
N-Nitroso-di-n-propylamine
Concen: 4.267 ng/ul
RT: 8.528 min Scan# 925
Delta R.T. -0.018 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17



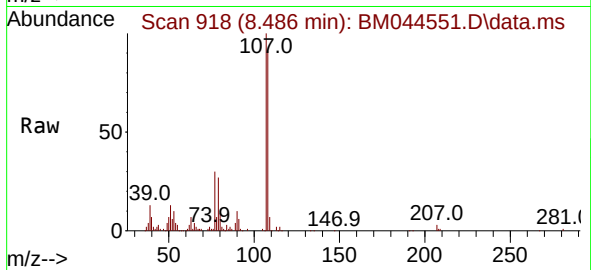
Tgt Ion: 70 Resp: 75235
Ion Ratio Lower Upper
70 100
42 58.0 42.7 64.1
101 9.6 7.1 10.7
130 19.0 17.3 25.9





#18
4-Methylphenol
Concen: 3.937 ng/ul
RT: 8.486 min Scan# 918
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

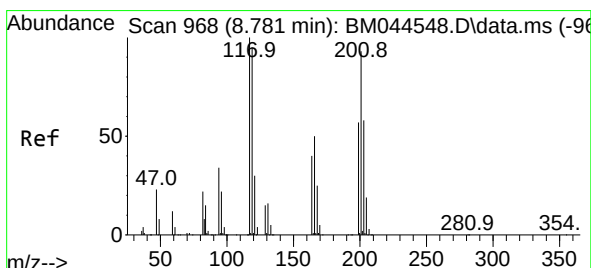
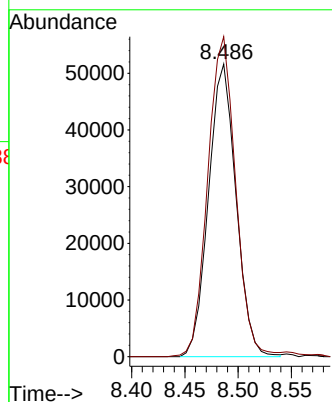
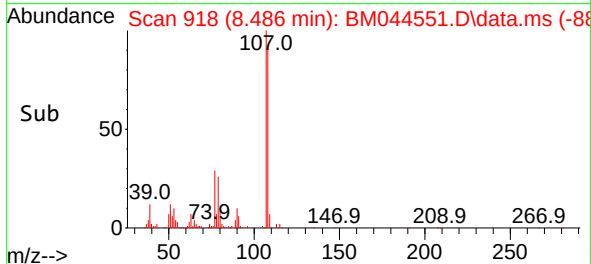
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:108 Resp: 92998
Ion Ratio Lower Upper
108 100
107 109.3 91.8 137.8

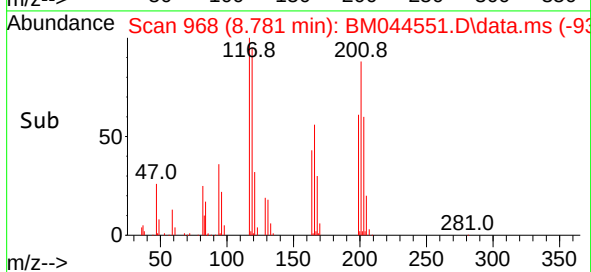
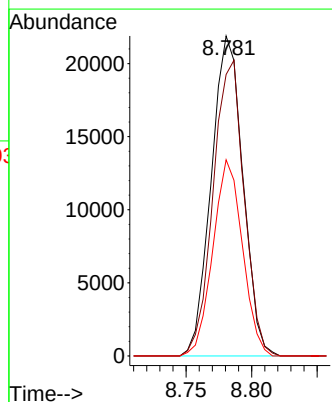
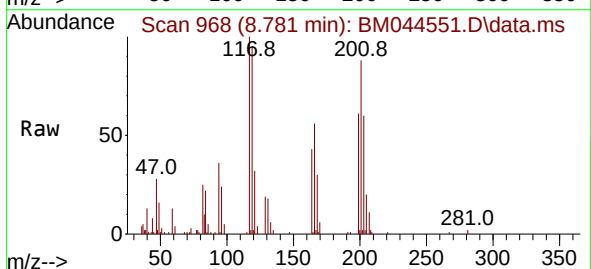
Manual Integrations
APPROVED

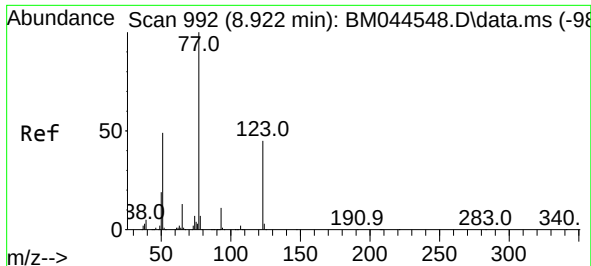
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#19
Hexachloroethane
Concen: 4.225 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

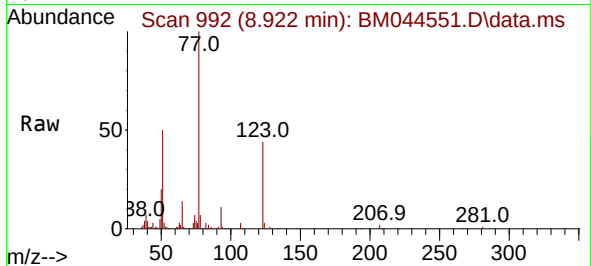
Tgt Ion:117 Resp: 36756
Ion Ratio Lower Upper
117 100
201 90.2 69.0 103.6
199 61.3 44.4 66.6





#22
Nitrobenzene
Concen: 4.437 ng/ul
RT: 8.922 min Scan# 992
Delta R.T. -0.018 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

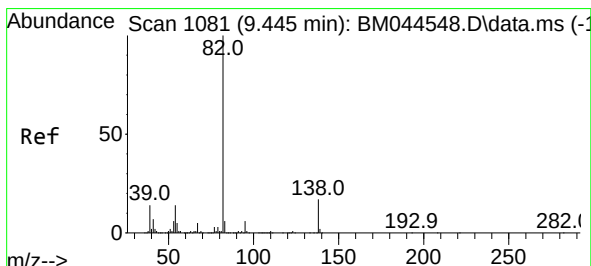
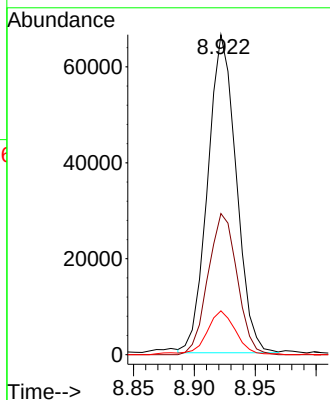
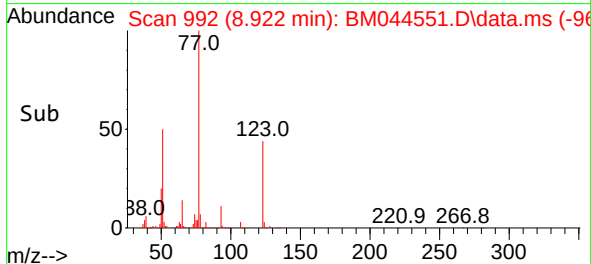
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



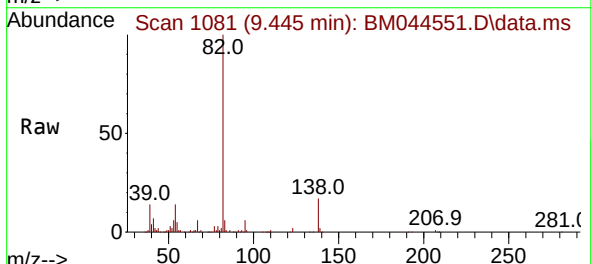
Tgt Ion: 77 Resp: 108260
Ion Ratio Lower Upper
77 100
123 44.1 38.2 57.2
65 13.7 10.2 15.2

Manual Integrations
APPROVED

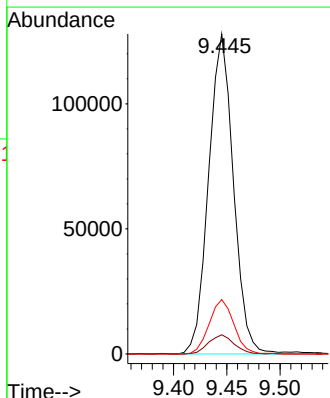
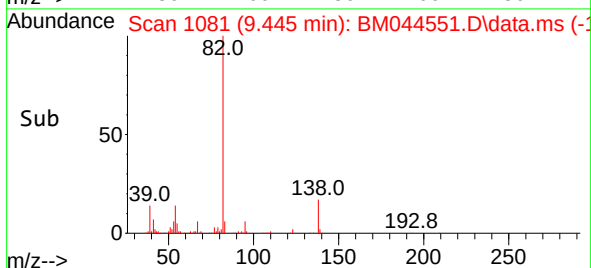
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

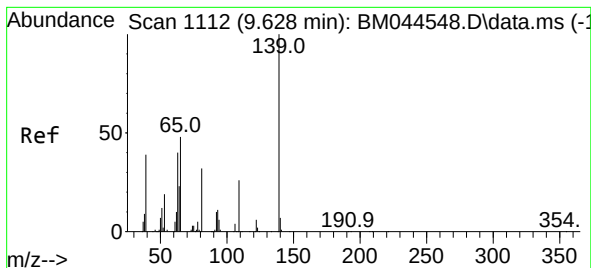


#23
Isophorone
Concen: 4.149 ng/ul
RT: 9.445 min Scan# 1081
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17



Tgt Ion: 82 Resp: 206529
Ion Ratio Lower Upper
82 100
95 6.0 4.7 7.1
138 17.0 14.1 21.1





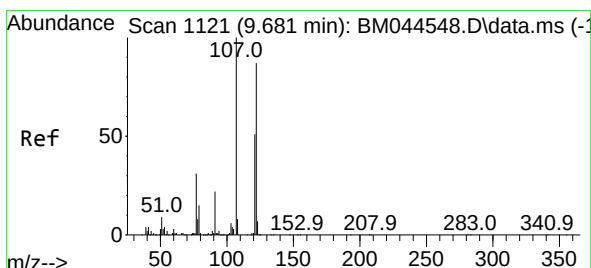
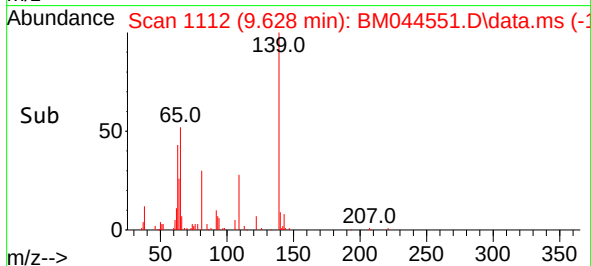
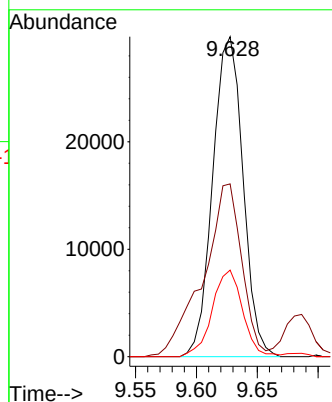
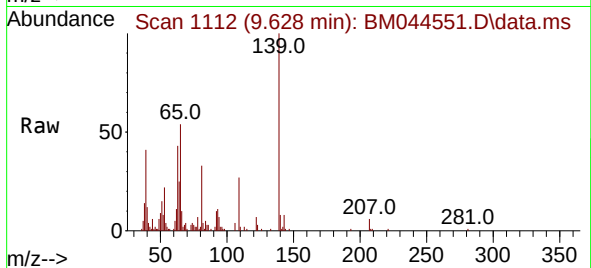
#25
2-Nitrophenol
Concen: 4.261 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:139 Resp: 5152
Ion Ratio Lower Upper
139 100
65 54.0 40.2 60.2
109 27.1 21.0 31.4

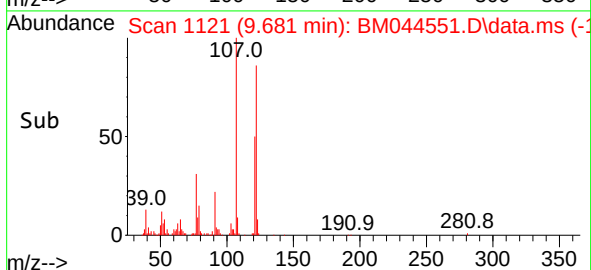
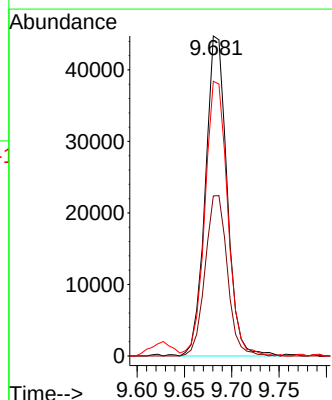
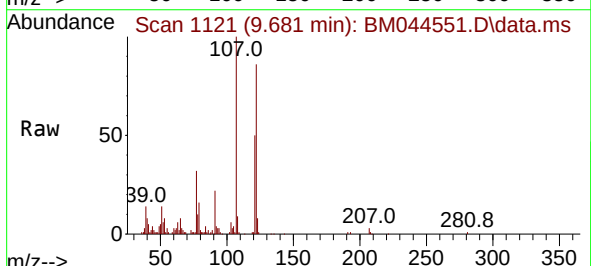
Manual Integrations
APPROVED

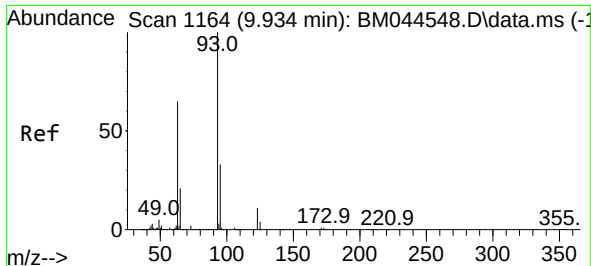
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#26
2,4-Dimethylphenol
Concen: 3.243 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. -0.018 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

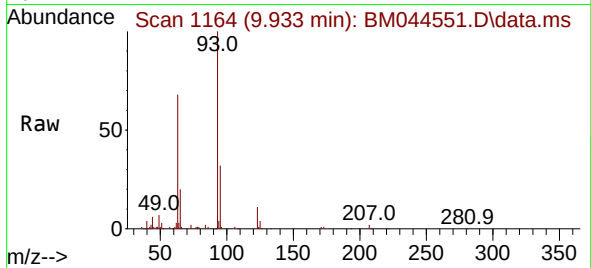
Tgt Ion:107 Resp: 71366
Ion Ratio Lower Upper
107 100
121 50.0 41.0 61.6
122 85.8 71.4 107.0





#27
Bis(2-Chloroethoxy)methane
Concen: 4.295 ng/ul
RT: 9.933 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

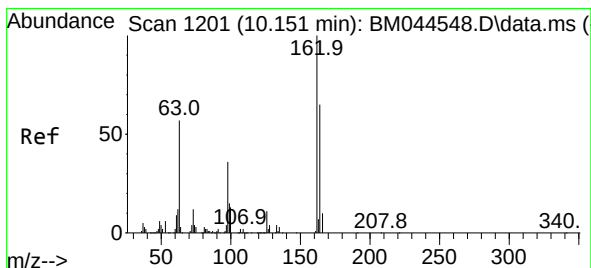
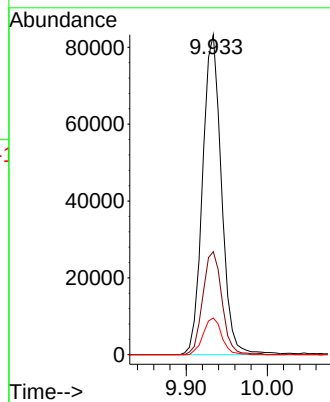
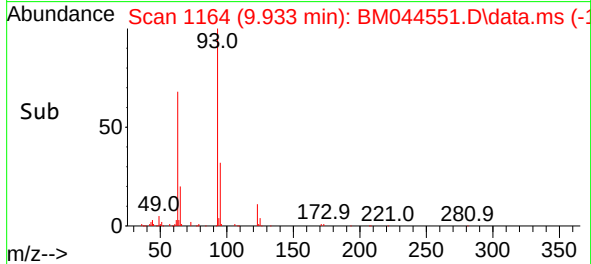
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion: 93 Resp: 13445
Ion Ratio Lower Upper
93 100
95 32.2 25.3 37.9
123 11.5 9.3 13.9

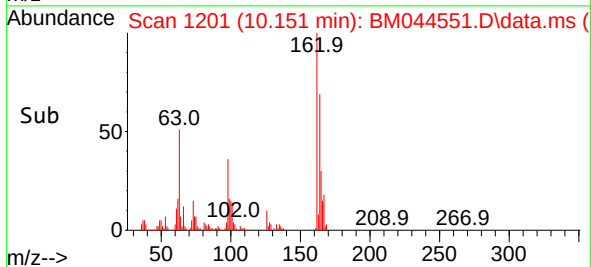
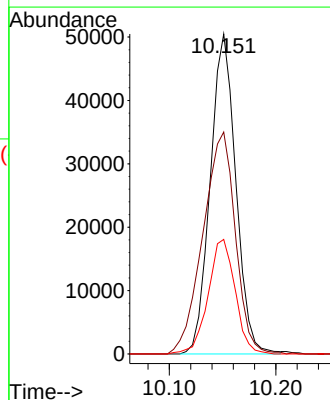
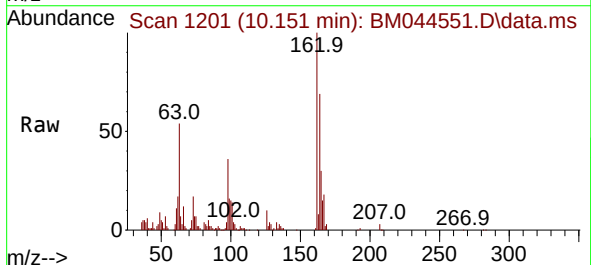
Manual Integrations
APPROVED

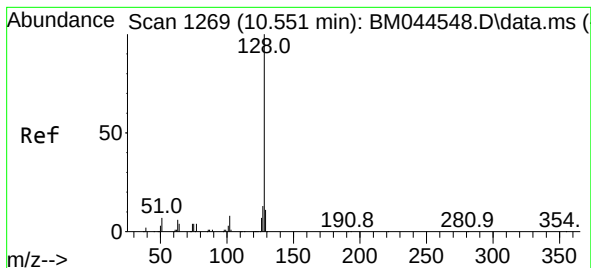
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#29
2,4-Dichlorophenol
Concen: 4.466 ng/ul
RT: 10.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

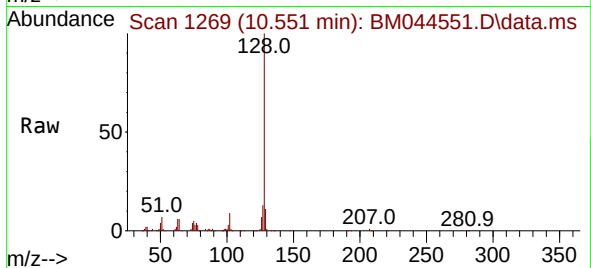
Tgt Ion:162 Resp: 84169
Ion Ratio Lower Upper
162 100
164 69.3 52.7 79.1
98 35.8 30.1 45.1





#30
Naphthalene
Concen: 4.455 ng/ul
RT: 10.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

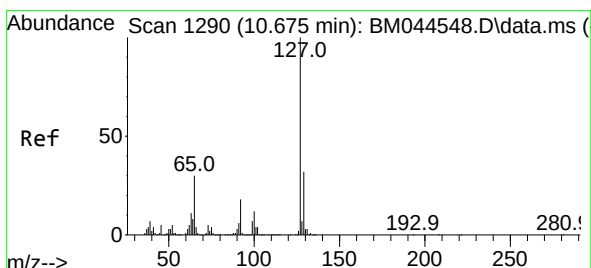
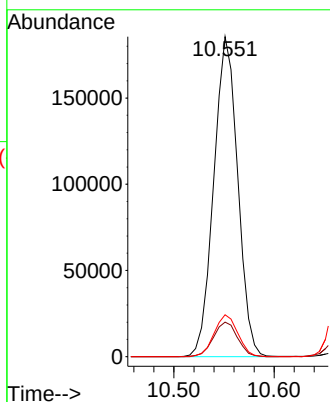
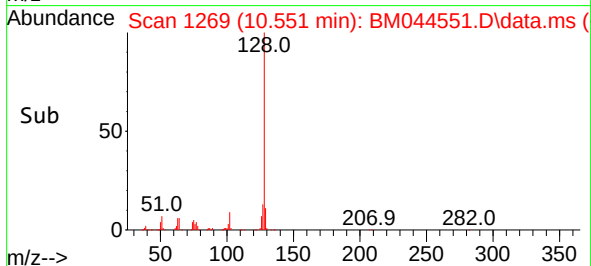
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:128 Resp: 308310
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.5 15.7

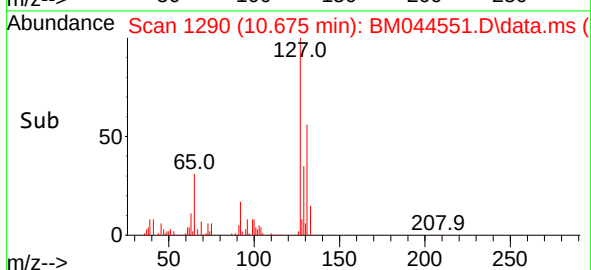
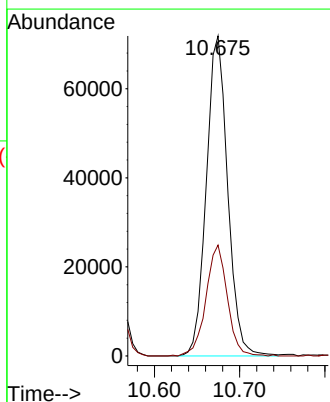
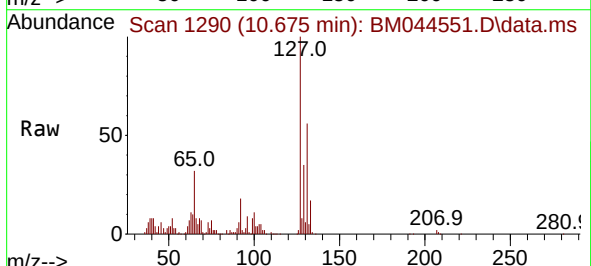
Manual Integrations
APPROVED

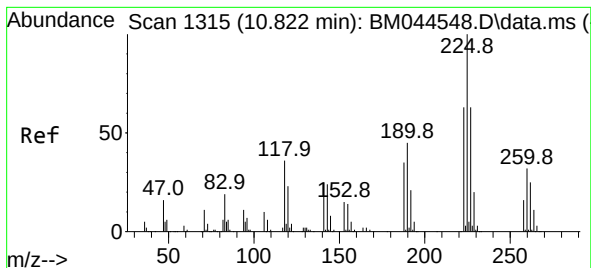
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#32
4-Chloroaniline
Concen: 4.142 ng/ul
RT: 10.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

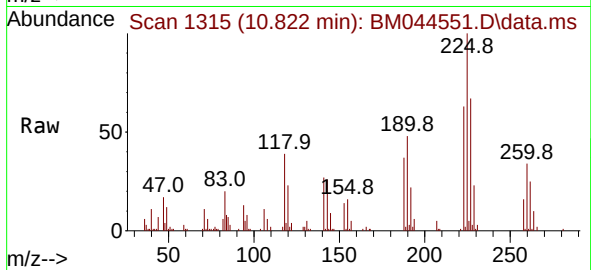
Tgt Ion:127 Resp: 125203
Ion Ratio Lower Upper
127 100
129 34.7 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.573 ng/ul
RT: 10.822 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

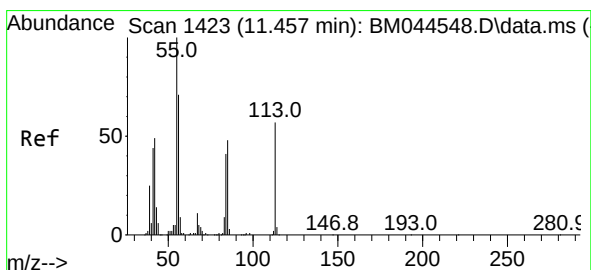
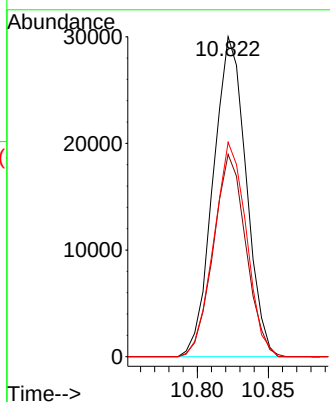
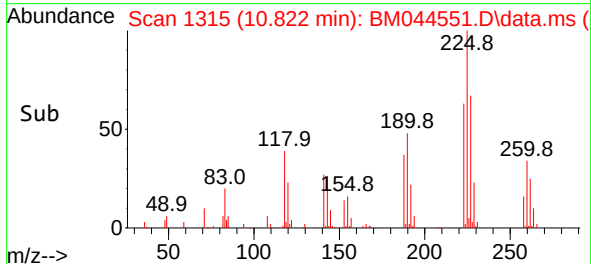
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



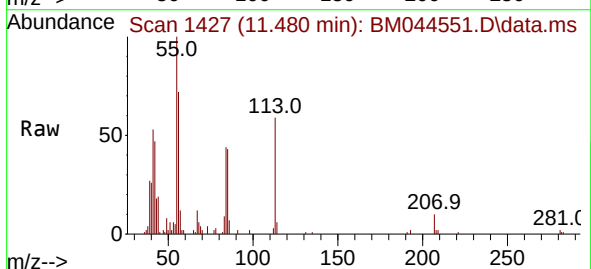
Tgt Ion:225 Resp: 4830
Ion Ratio Lower Upper
225 100
223 65.5 50.1 75.1
227 67.0 49.2 73.8

Manual Integrations
APPROVED

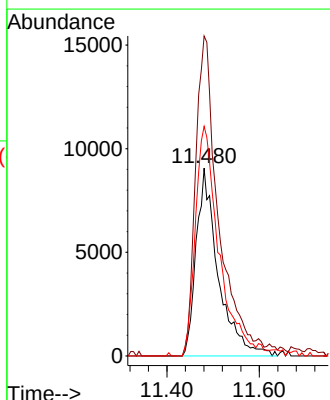
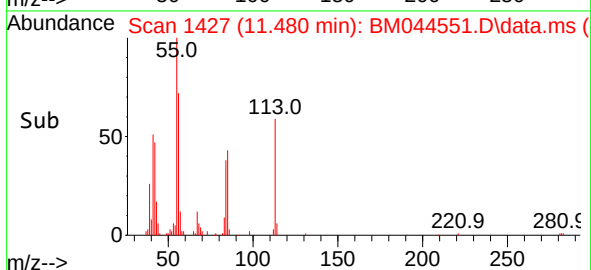
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

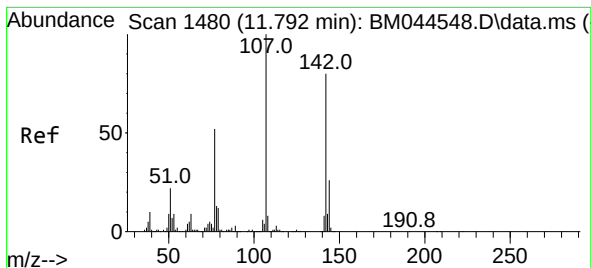


#34
Caprolactam
Concen: 4.092 ng/ul m
RT: 11.480 min Scan# 1427
Delta R.T. 0.018 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17



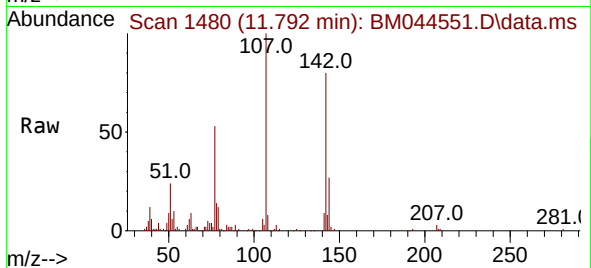
Tgt Ion:113 Resp: 30030
Ion Ratio Lower Upper
113 100
55 170.4 134.7 202.1
56 122.2 102.2 153.2





#35
4-Chloro-3-methylphenol
Concen: 4.045 ng/ul
RT: 11.792 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

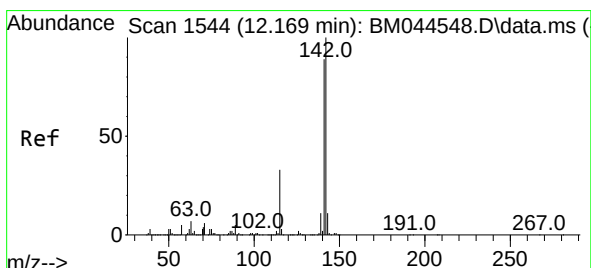
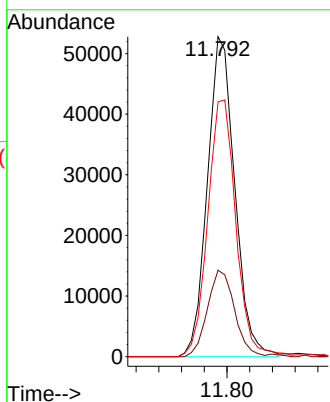
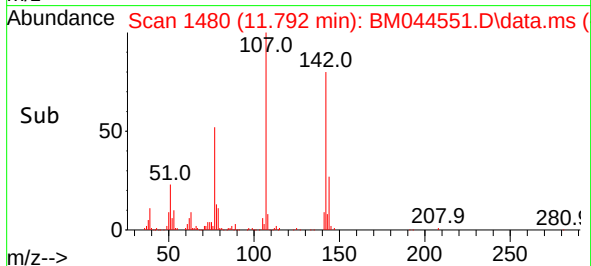
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:107 Resp: 88400
Ion Ratio Lower Upper
107 100
144 27.0 21.7 32.5
142 79.6 65.1 97.7

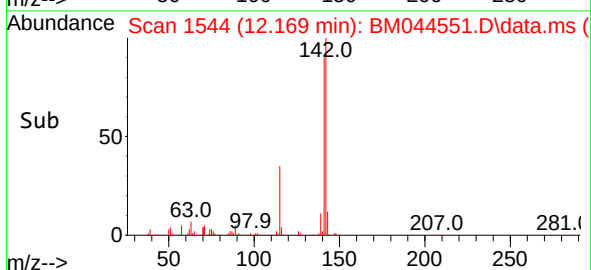
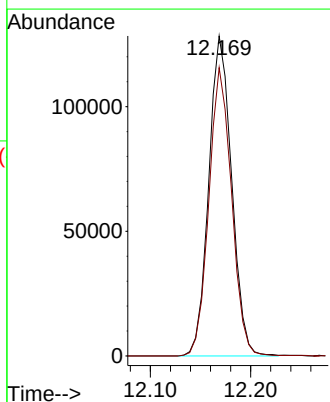
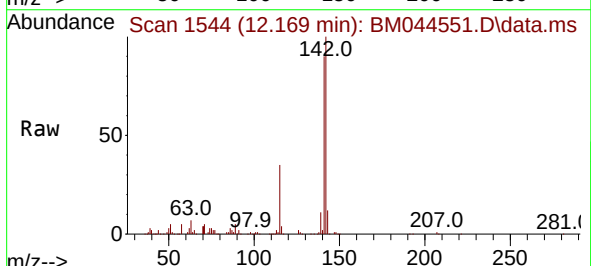
Manual Integrations
APPROVED

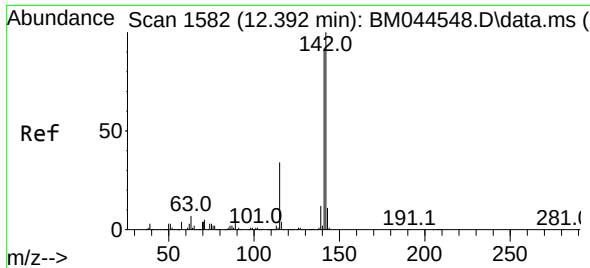
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#36
2-Methylnaphthalene
Concen: 4.418 ng/ul
RT: 12.169 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

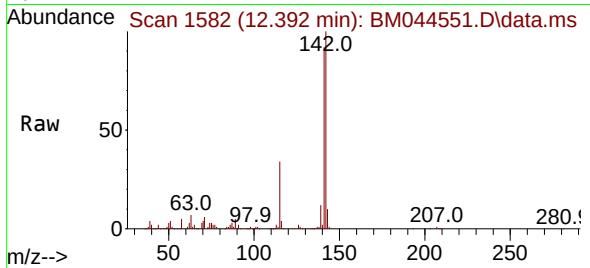
Tgt Ion:142 Resp: 203320
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7





#37
1-Methylnaphthalene
Concen: 4.665 ng/ul
RT: 12.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

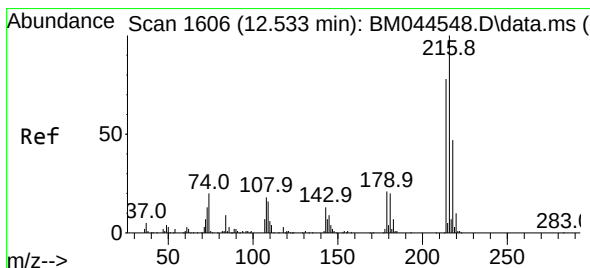
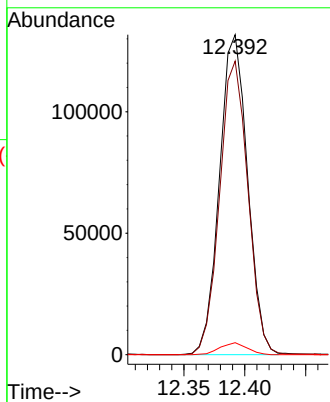
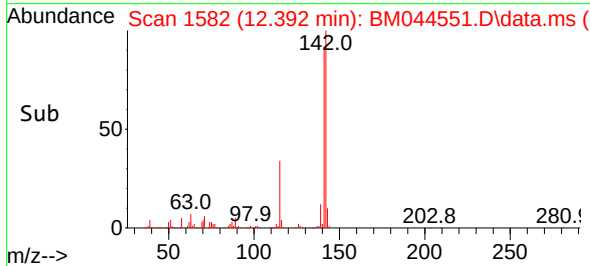
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



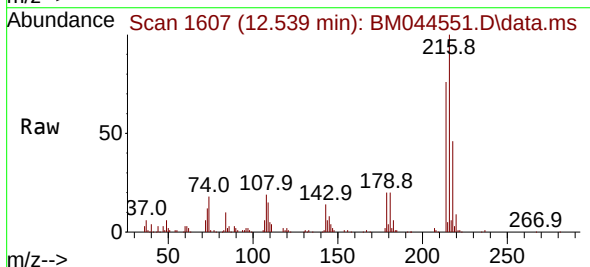
Tgt Ion:142 Resp: 211778
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.6
116 3.7 3.0 4.4

Manual Integrations
APPROVED

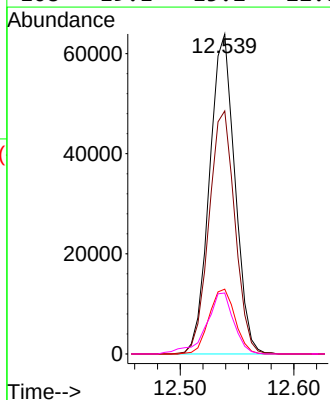
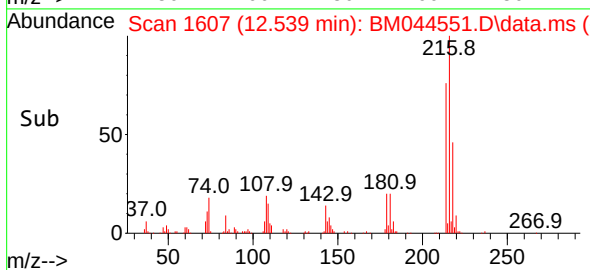
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

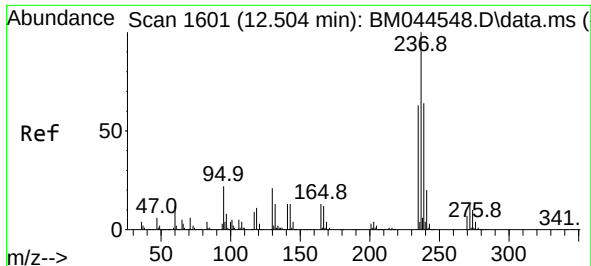


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.542 ng/ul
RT: 12.539 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17



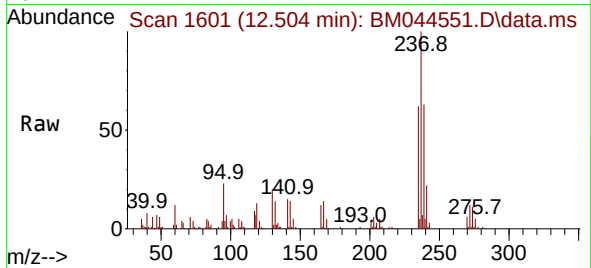
Tgt Ion:216 Resp: 99282
Ion Ratio Lower Upper
216 100
214 75.9 63.4 95.2
179 20.2 17.5 26.3
108 19.1 15.2 22.8





#40
Hexachlorocyclopentadiene
Concen: 3.625 ng/ul
RT: 12.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

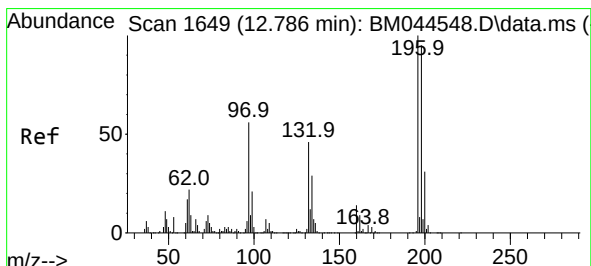
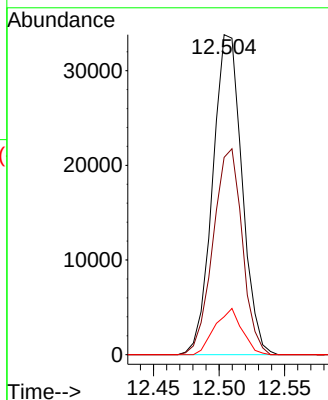
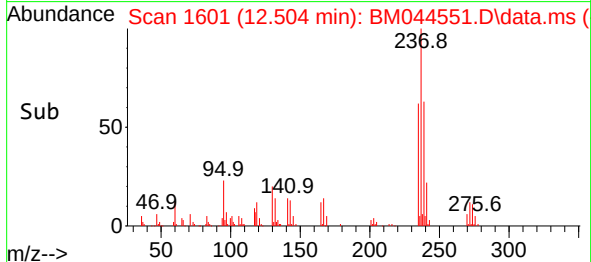
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:237 Resp: 52599
Ion Ratio Lower Upper
237 100
235 57.7 50.1 75.1
272 11.1 10.2 15.2

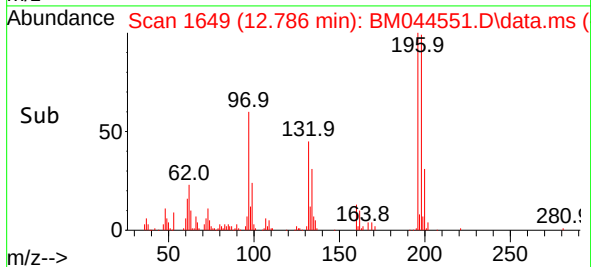
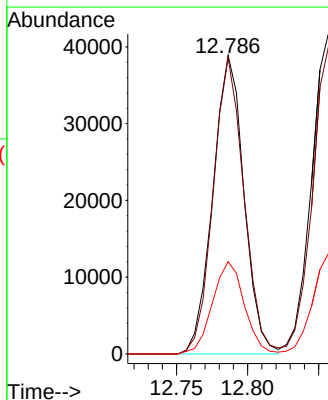
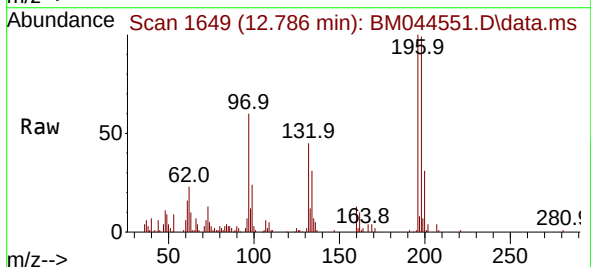
Manual Integrations
APPROVED

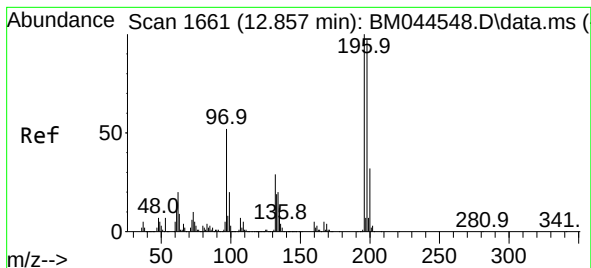
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#41
2,4,6-Trichlorophenol
Concen: 3.859 ng/ul
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

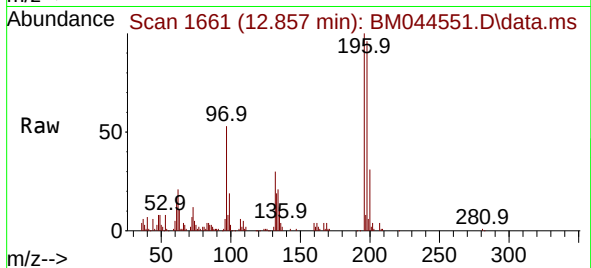
Tgt Ion:196 Resp: 59126
Ion Ratio Lower Upper
196 100
198 99.2 76.7 115.1
200 30.9 24.1 36.1





#42
2,4,5-Trichlorophenol
Concen: 4.072 ng/ul
RT: 12.857 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

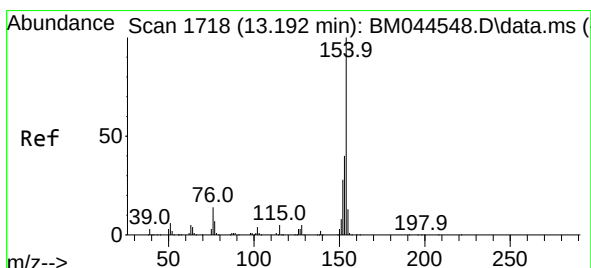
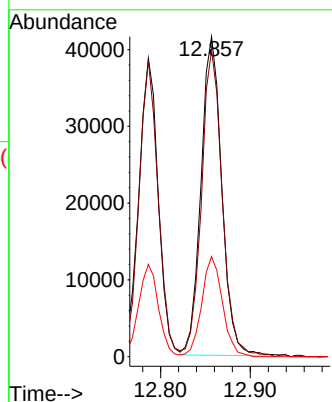
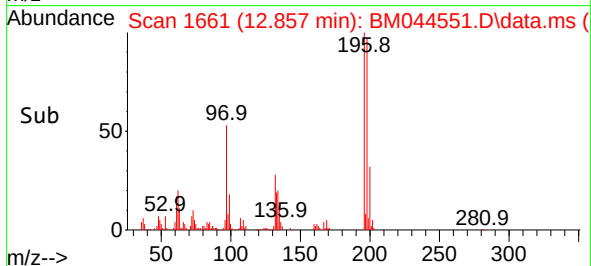
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:196 Resp: 6686
Ion Ratio Lower Upper
196 100
198 95.8 78.1 117.1
200 31.3 24.7 37.1

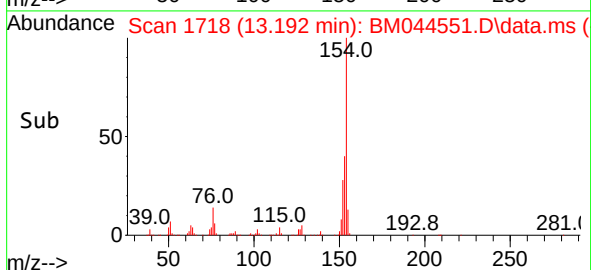
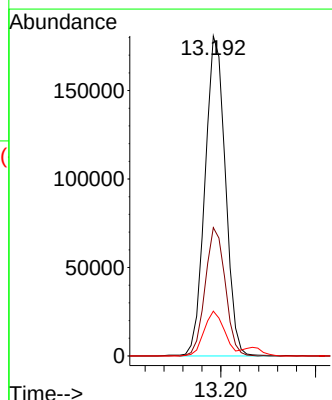
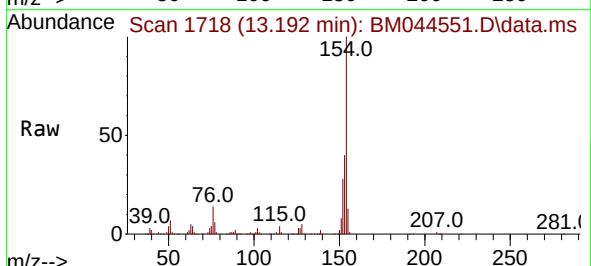
Manual Integrations
APPROVED

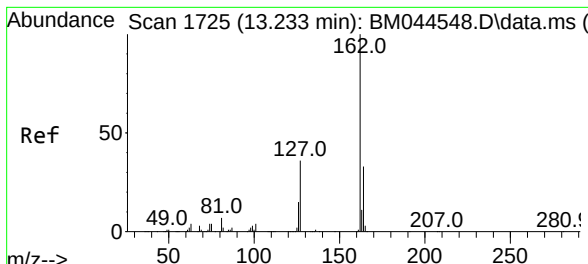
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#43
1,1'-Biphenyl
Concen: 4.409 ng/ul
RT: 13.192 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Tgt Ion:154 Resp: 268985
Ion Ratio Lower Upper
154 100
153 40.1 31.8 47.8
76 14.0 11.0 16.4





#44
2-Chloronaphthalene
Concen: 4.308 ng/ul
RT: 13.233 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

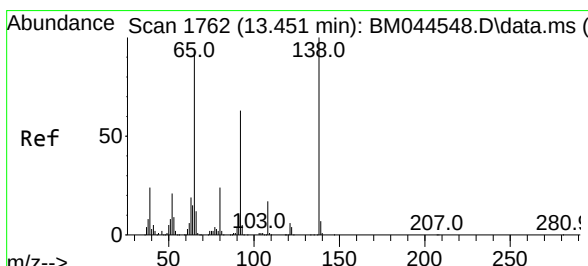
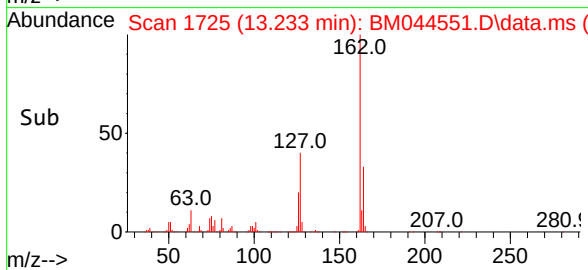
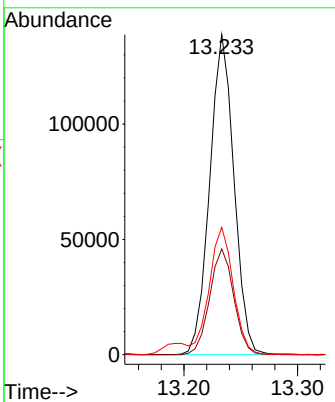
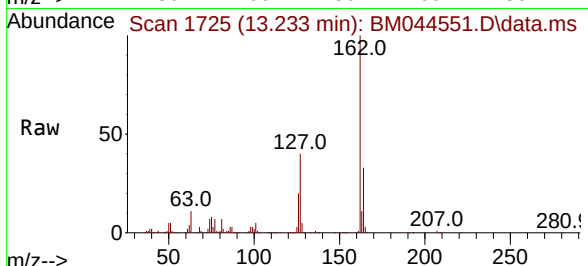
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2024-01

Tgt Ion:162 Resp: 20623

Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.6	38.4
127	39.8	31.4	47.0

Manual Integrations
APPROVED

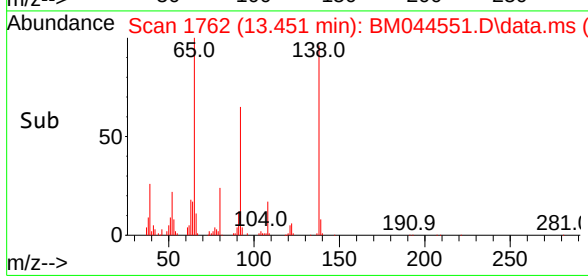
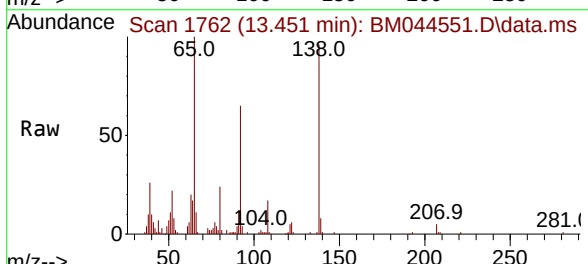
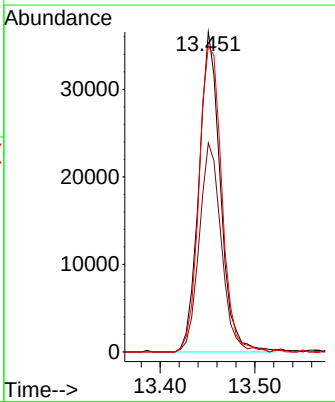
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

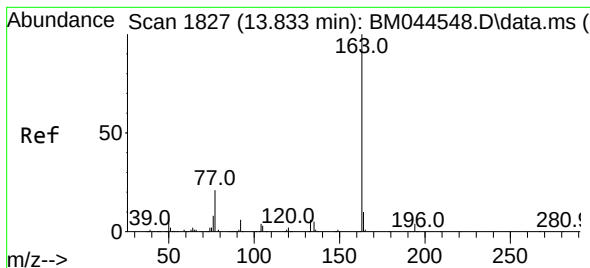


#45
2-Nitroaniline
Concen: 3.830 ng/ul
RT: 13.451 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Tgt Ion: 65 Resp: 57569

Ion	Ratio	Lower	Upper
65	100		
92	65.3	55.4	83.0
138	95.5	84.0	126.0





#47

Dimethylphthalate

Concen: 4.319 ng/ul

RT: 13.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BM044551.D

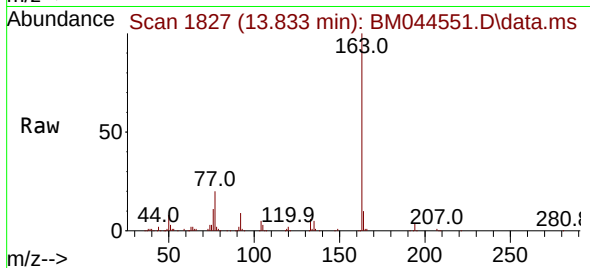
Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2024-01



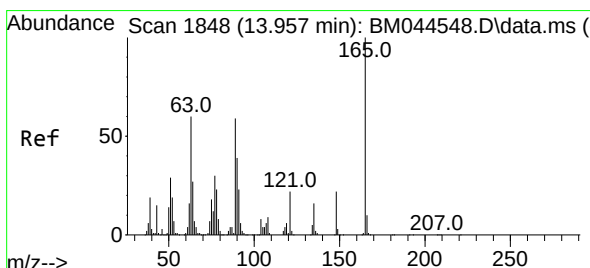
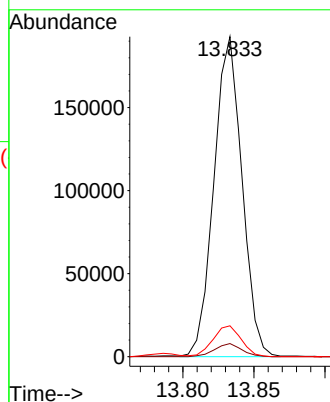
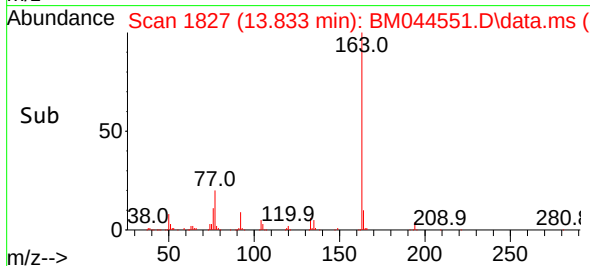
Tgt Ion:163 Resp: 26487

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.6	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#48

2,6-Dinitrotoluene

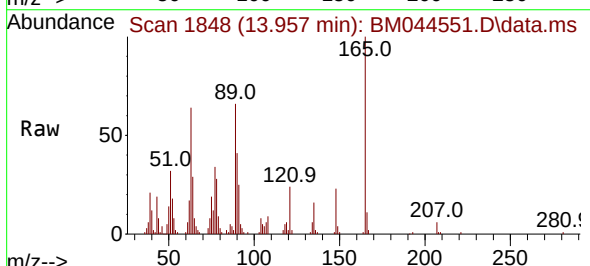
Concen: 3.639 ng/ul

RT: 13.957 min Scan# 1848

Delta R.T. -0.006 min

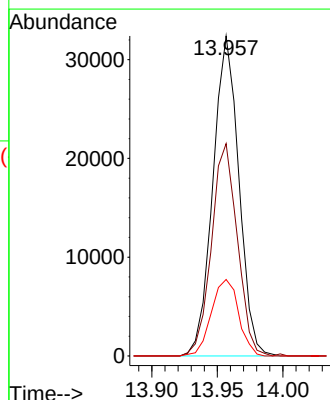
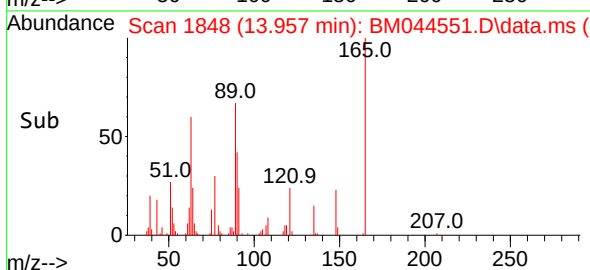
Lab File: BM044551.D

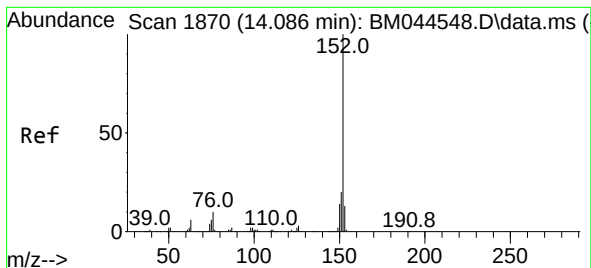
Acq: 07 Mar 2024 15:17



Tgt Ion:165 Resp: 44575

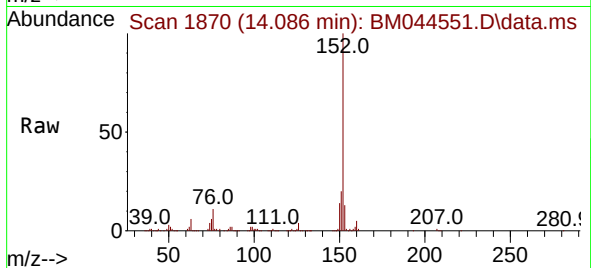
Ion	Ratio	Lower	Upper
165	100		
89	66.4	48.4	72.6
121	23.9	17.7	26.5





#50
Acenaphthylene
Concen: 4.375 ng/ul
RT: 14.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

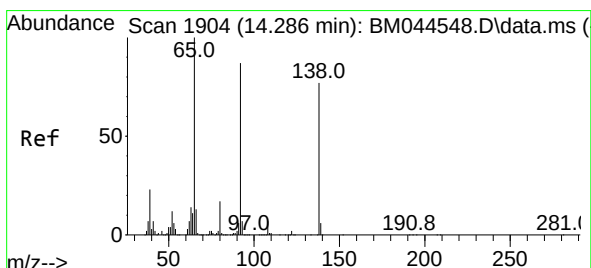
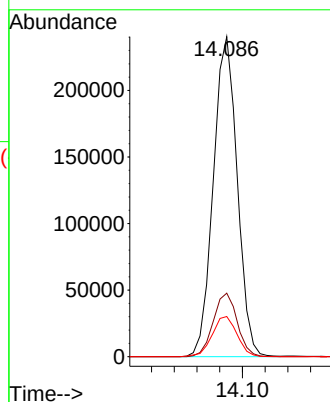
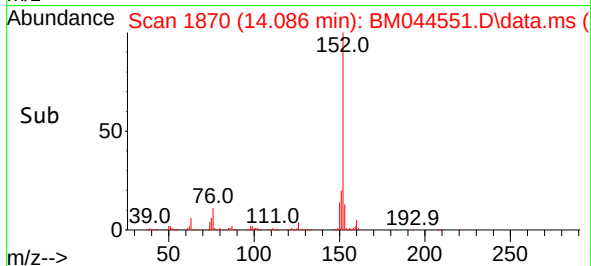
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2024-01



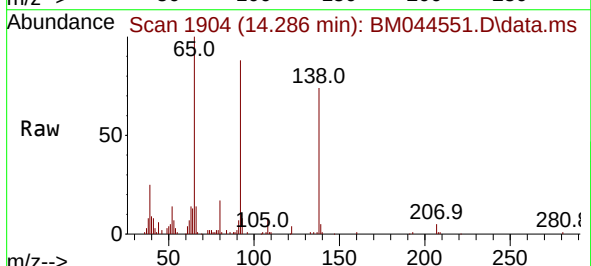
Tgt Ion:152 Resp: 351475
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.5 10.6 15.8

Manual Integrations
APPROVED

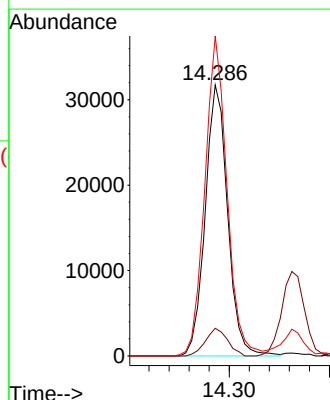
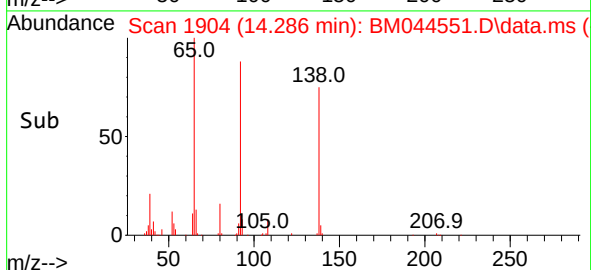
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

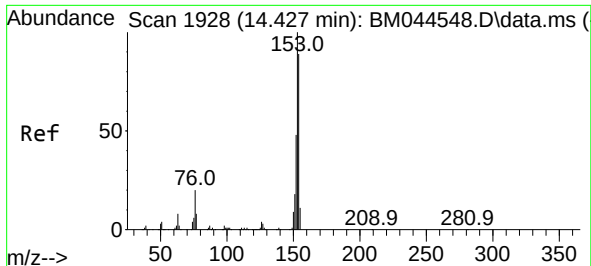


#51
3-Nitroaniline
Concen: 3.734 ng/ul
RT: 14.286 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17



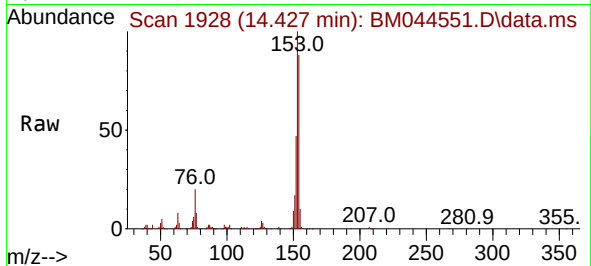
Tgt Ion:138 Resp: 49409
Ion Ratio Lower Upper
138 100
108 10.2 7.3 10.9
92 118.1 89.3 133.9





#52
Acenaphthene
Concen: 4.379 ng/ul
RT: 14.427 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

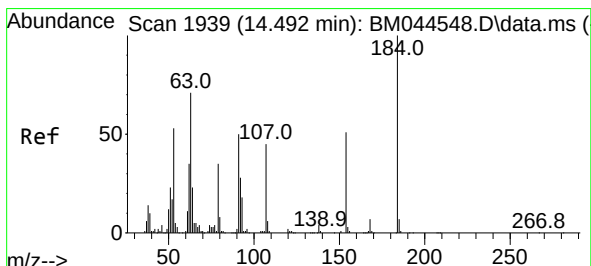
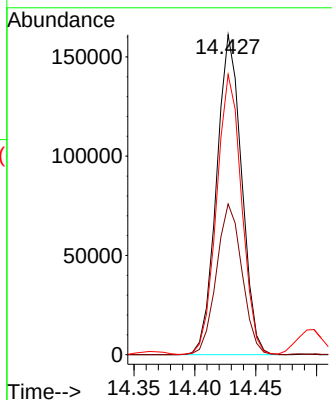
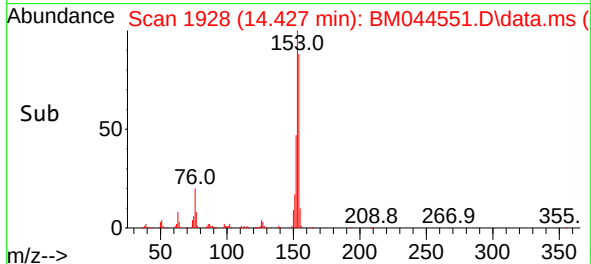
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



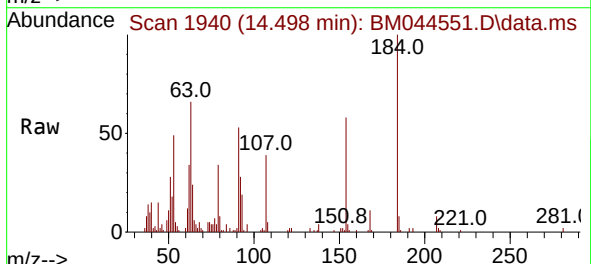
Tgt Ion:153 Resp: 23128
Ion Ratio Lower Upper
153 100
152 47.1 38.2 57.2
154 87.5 70.3 105.5

Manual Integrations
APPROVED

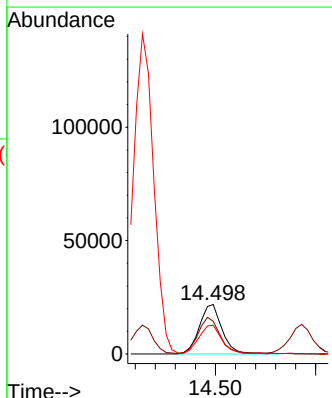
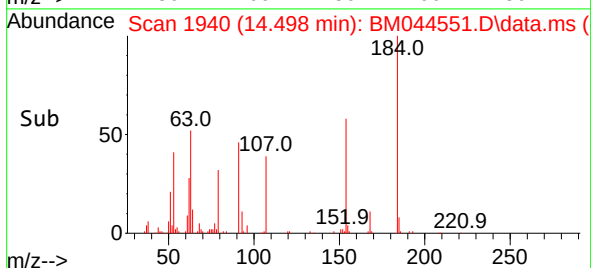
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

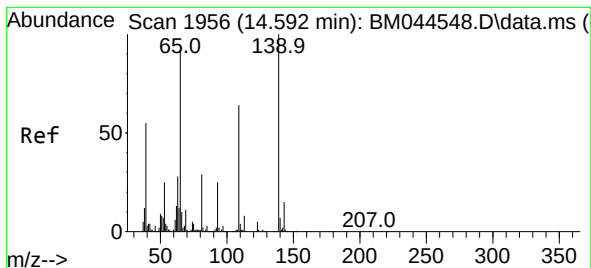


#53
2,4-Dinitrophenol
Concen: 4.354 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17



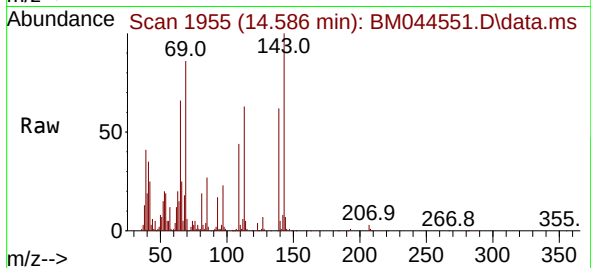
Tgt Ion:184 Resp: 34120
Ion Ratio Lower Upper
184 100
63 65.9 57.2 85.8
154 58.1 47.9 71.9





#55
4-Nitrophenol
Concen: 4.666 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

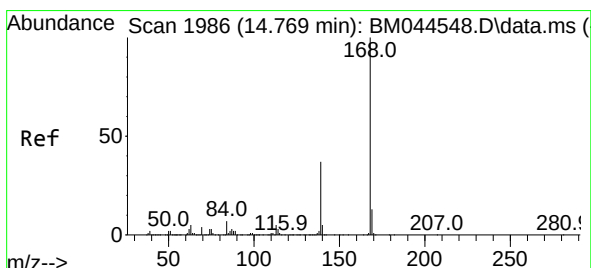
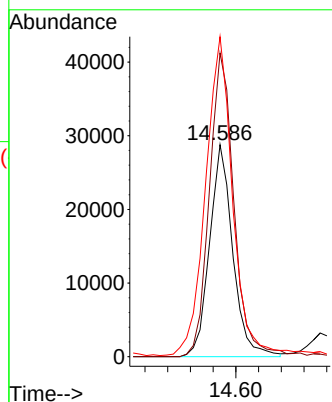
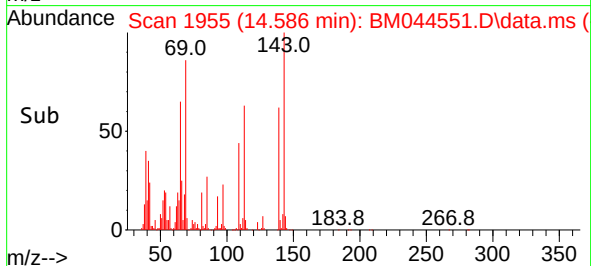
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:109 Resp: 40858
Ion Ratio Lower Upper
109 100
139 143.2 126.2 189.4
65 150.9 117.0 175.4

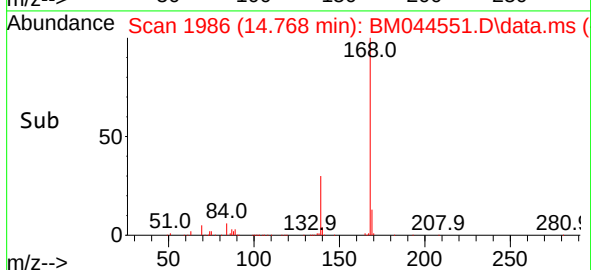
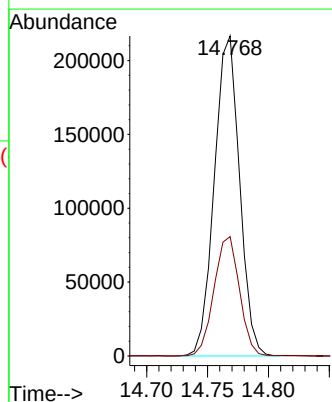
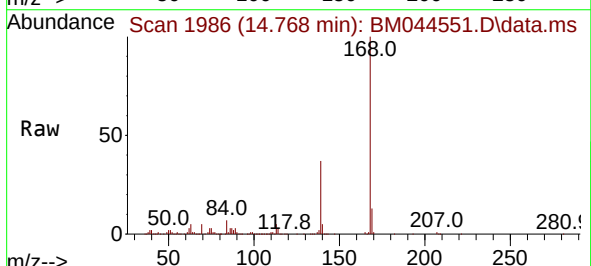
Manual Integrations
APPROVED

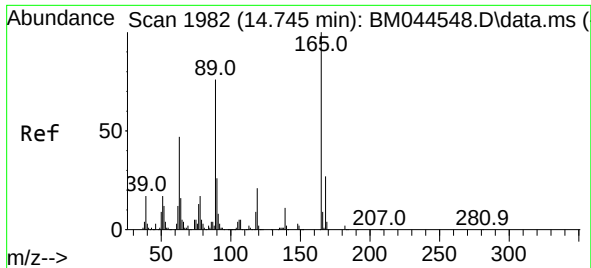
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#56
Dibenzofuran
Concen: 4.438 ng/ul
RT: 14.768 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Tgt Ion:168 Resp: 311742
Ion Ratio Lower Upper
168 100
139 37.3 30.7 46.1





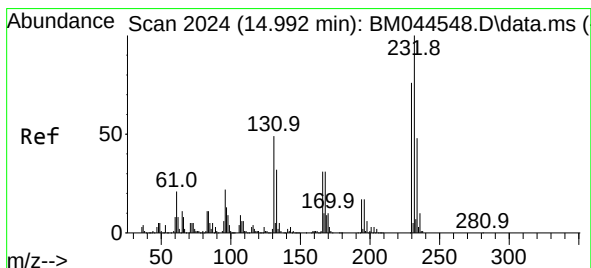
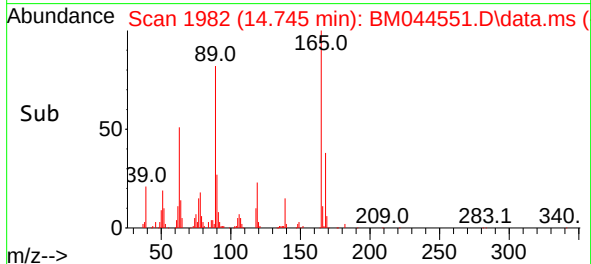
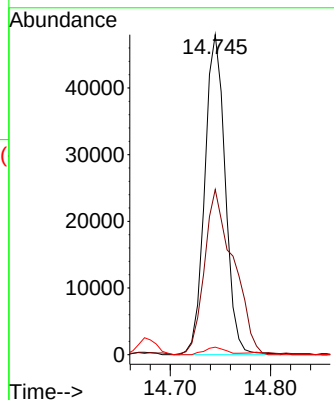
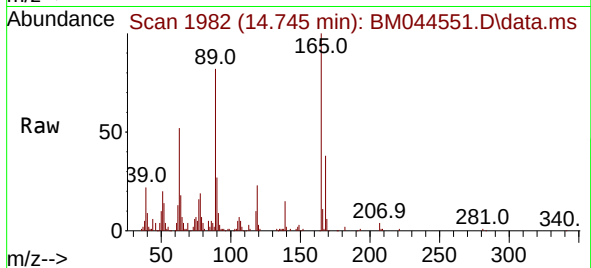
#57
2,4-Dinitrotoluene
Concen: 3.859 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:165 Resp: 6824
Ion Ratio Lower Upper
165 100
63 51.6 37.4 56.0
182 2.3 1.8 2.8

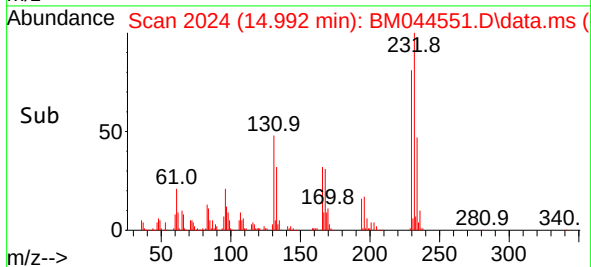
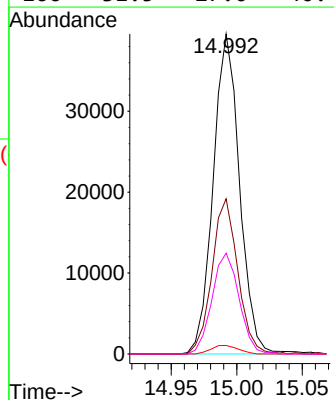
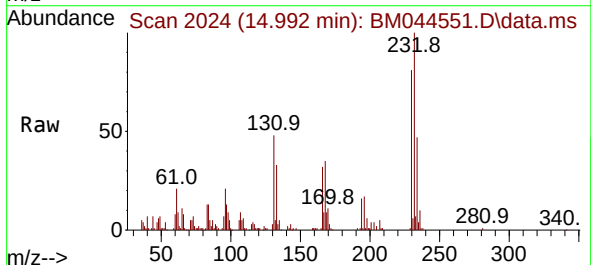
Manual Integrations
APPROVED

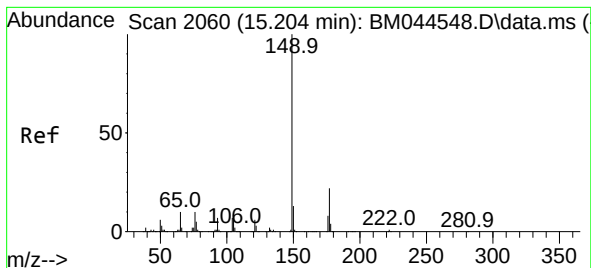
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.061 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Tgt Ion:232 Resp: 55188
Ion Ratio Lower Upper
232 100
131 48.5 40.6 61.0
130 2.7 2.2 3.4
166 31.5 27.0 40.4





#59

Diethylphthalate

Concen: 4.064 ng/ul

RT: 15.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

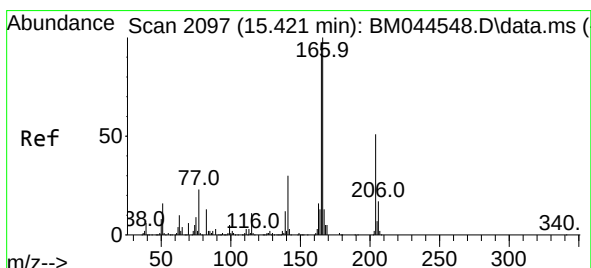
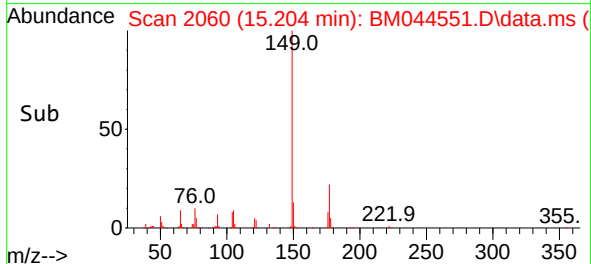
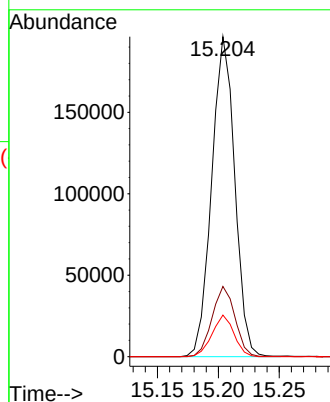
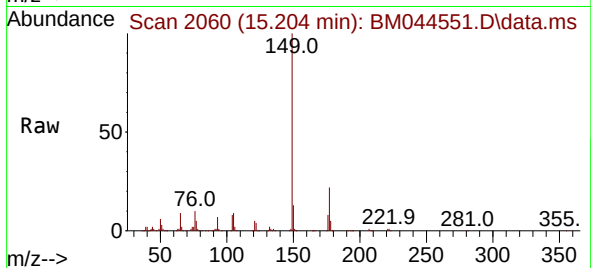
MDL-SOIL-QT1-2024-01

Tgt Ion:149 Resp: 258670
 Ion Ratio Lower Upper
 149 100
 177 22.0 16.6 24.8
 150 13.0 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/09/2024



#61

Fluorene

Concen: 4.551 ng/ul

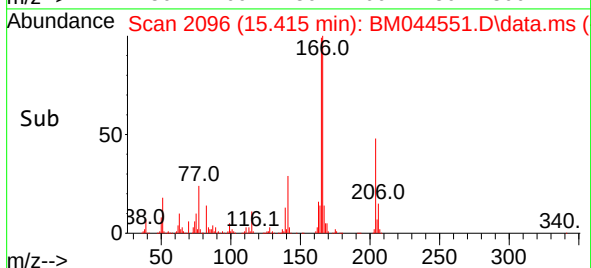
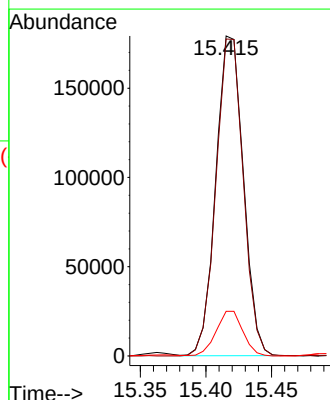
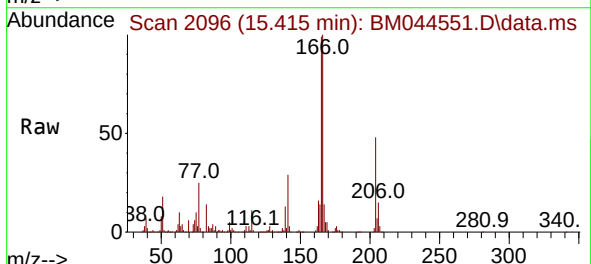
RT: 15.415 min Scan# 2096

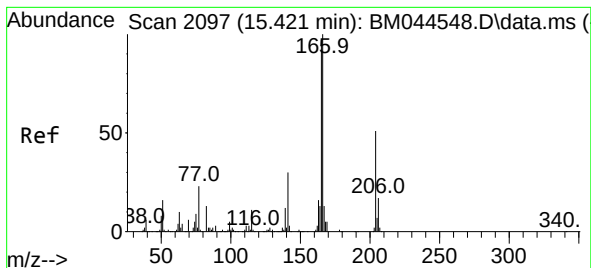
Delta R.T. -0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

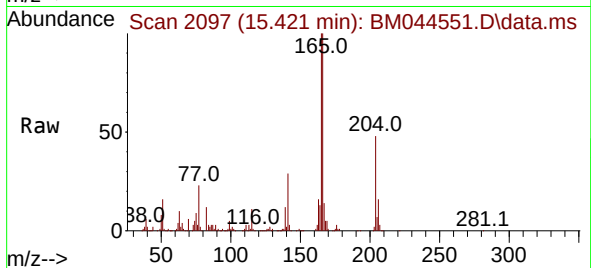
Tgt Ion:166 Resp: 261450
 Ion Ratio Lower Upper
 166 100
 165 99.0 77.3 115.9
 167 13.9 10.6 16.0





#62
4-Chlorophenyl-phenylether
Concen: 4.596 ng/ul
RT: 15.421 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

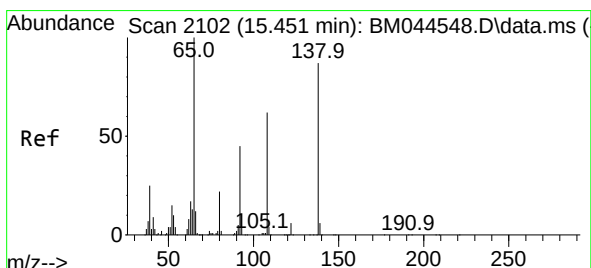
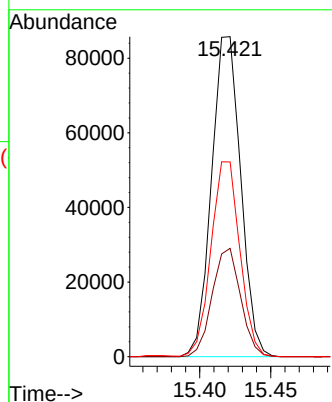
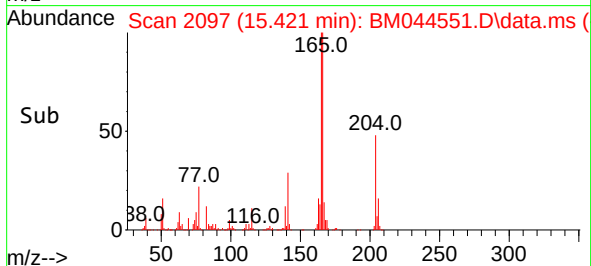
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:204 Resp: 12255
Ion Ratio Lower Upper
204 100
206 33.8 26.1 39.1
141 60.9 50.3 75.5

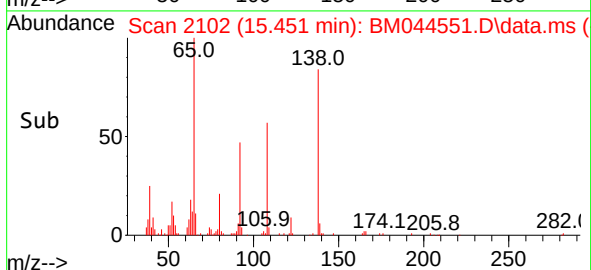
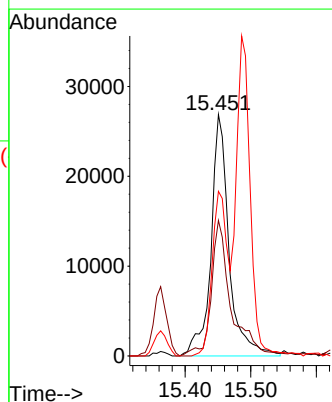
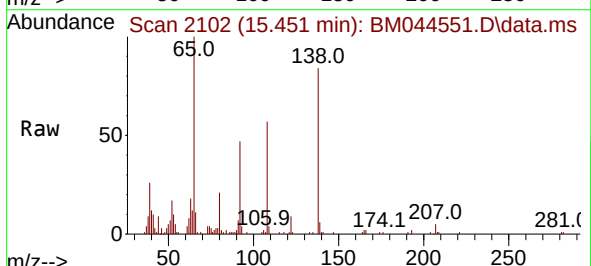
Manual Integrations
APPROVED

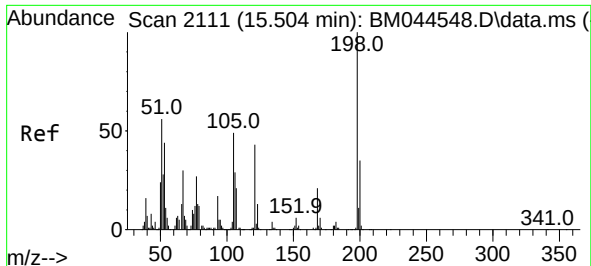
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#63
4-Nitroaniline
Concen: 4.067 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

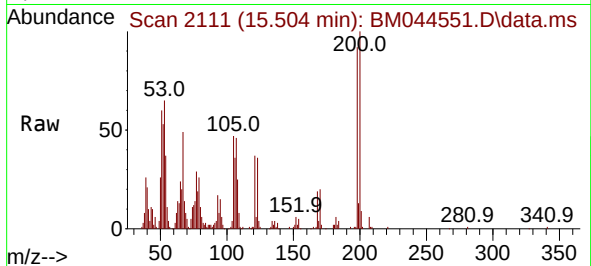
Tgt Ion:138 Resp: 51429
Ion Ratio Lower Upper
138 100
92 56.1 39.8 59.8
108 68.2 54.6 82.0





#66
4,6-Dinitro-2-methylphenol
Concen: 4.440 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

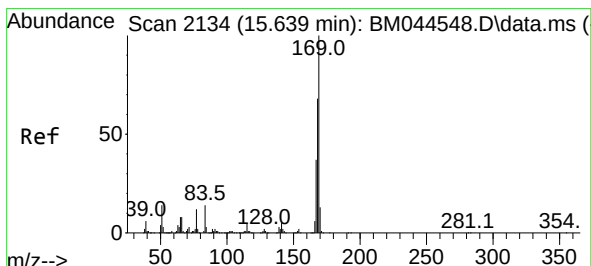
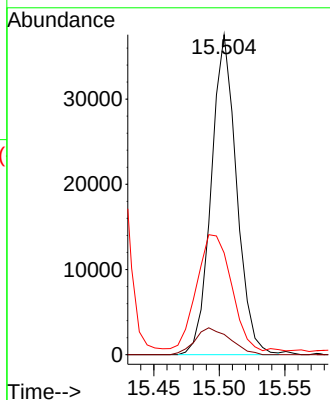
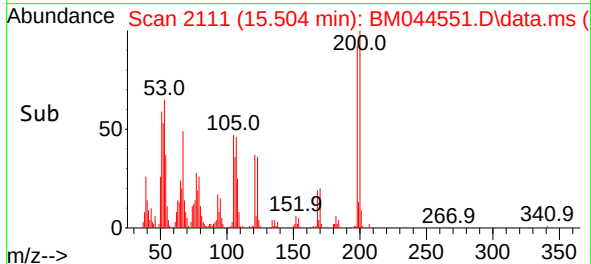
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:198 Resp: 50480
Ion Ratio Lower Upper
198 100
182 6.4 3.3 4.9
77 31.8 21.0 31.4

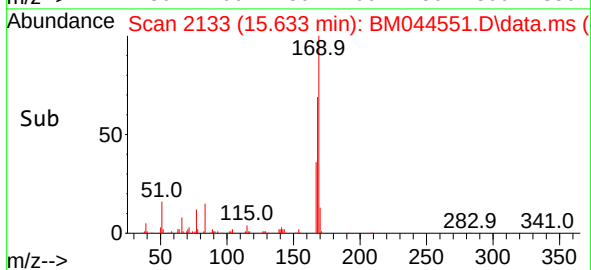
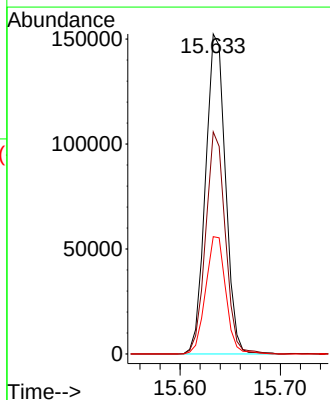
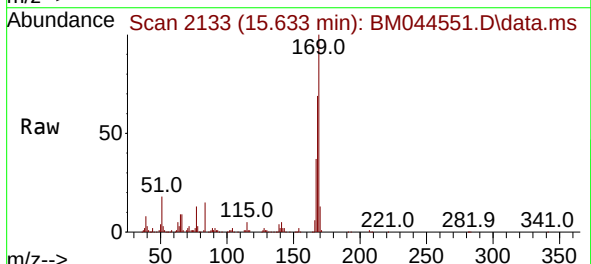
Manual Integrations
APPROVED

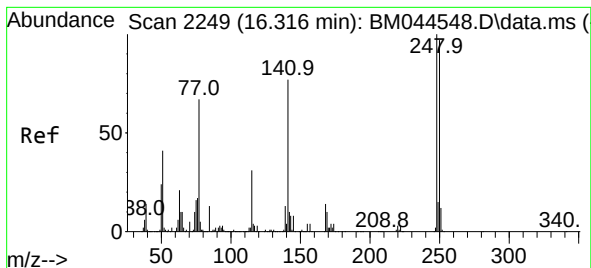
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#67
N-Nitrosodiphenylamine
Concen: 4.272 ng/ul
RT: 15.633 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

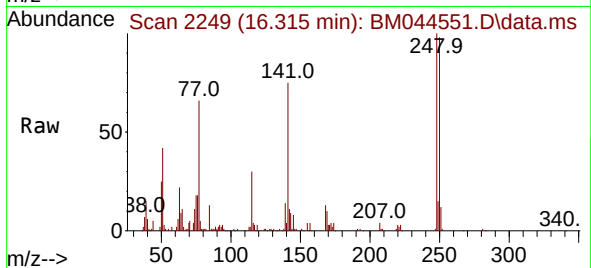
Tgt Ion:169 Resp: 210874
Ion Ratio Lower Upper
169 100
168 69.4 54.3 81.5
167 36.6 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 4.459 ng/ul
RT: 16.315 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

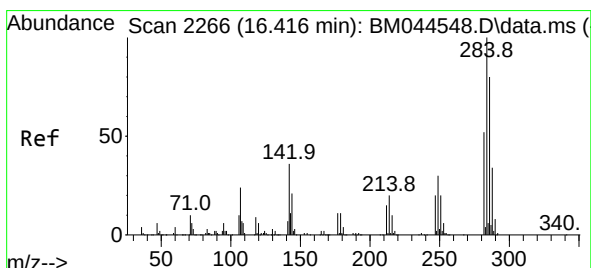
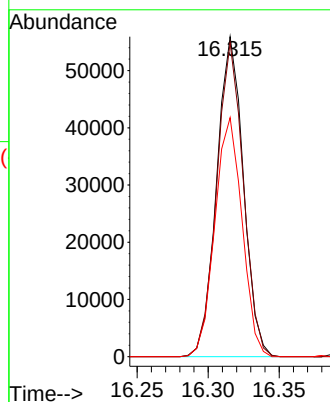
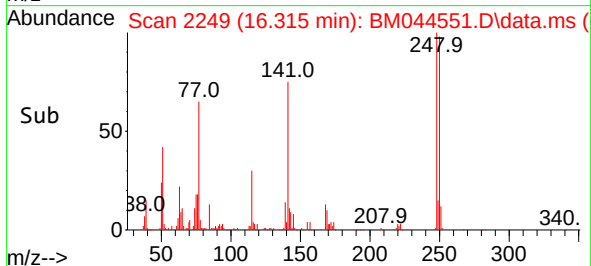
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:248 Resp: 7310
Ion Ratio Lower Upper
248 100
250 98.1 78.7 118.1
141 74.7 65.4 98.2

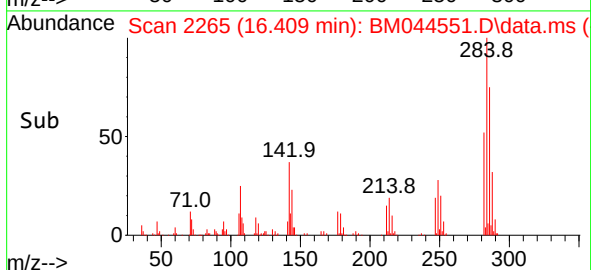
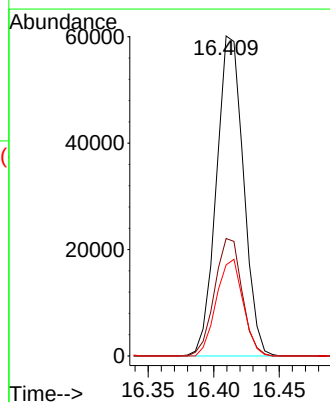
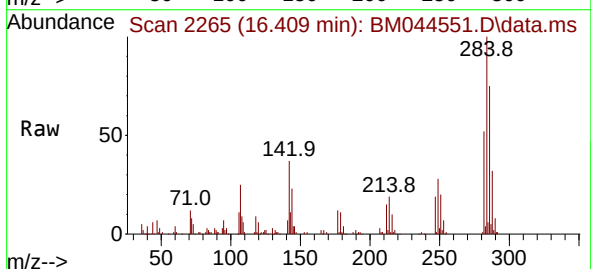
Manual Integrations
APPROVED

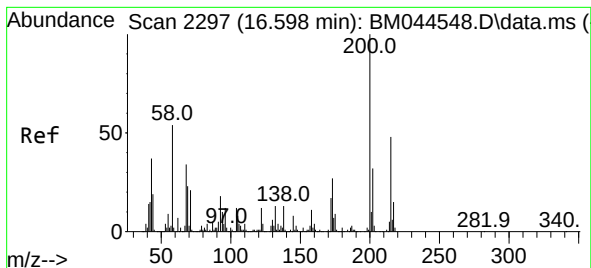
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#69
Hexachlorobenzene
Concen: 4.632 ng/ul
RT: 16.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Tgt Ion:284 Resp: 86494
Ion Ratio Lower Upper
284 100
142 34.6 33.7 50.5
249 26.8 24.8 37.2





#70

Atrazine

Concen: 5.116 ng/ul

RT: 16.598 min Scan# 2297

Delta R.T. -0.000 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

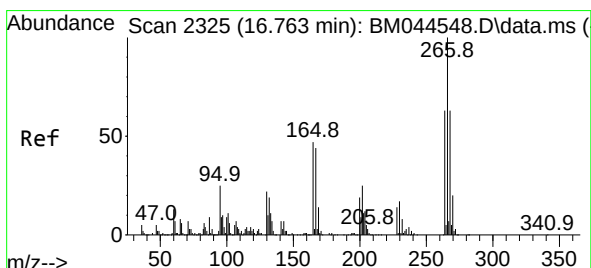
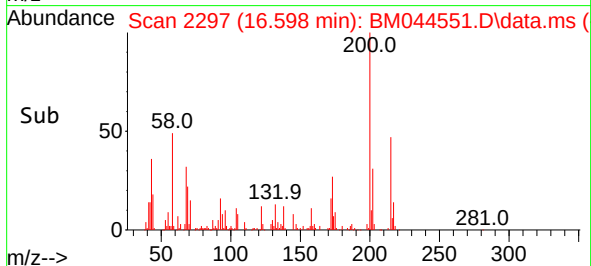
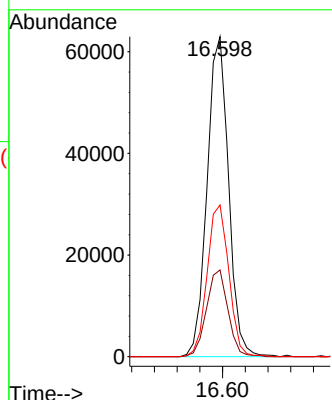
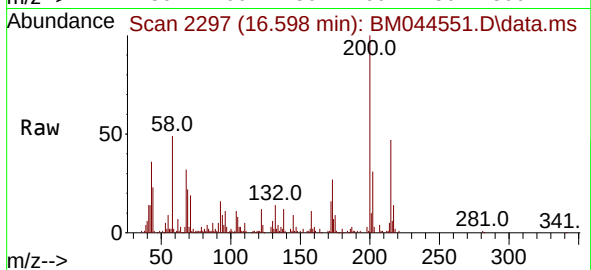
MDL-SOIL-QT1-2024-01

Tgt Ion:200	Resp: 82528
Ion Ratio	Lower Upper
200 100	
173 27.1	22.4 33.6
215 47.4	38.9 58.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#71

Pentachlorophenol

Concen: 4.694 ng/ul

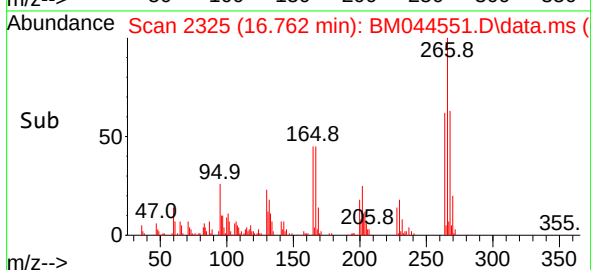
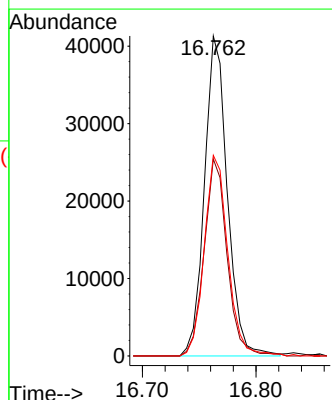
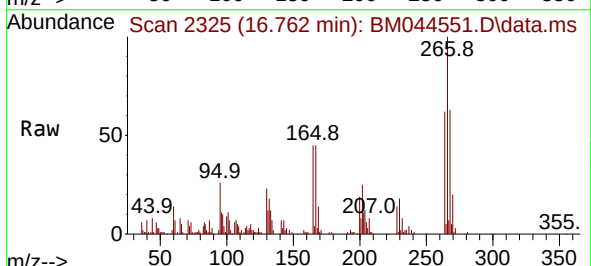
RT: 16.762 min Scan# 2325

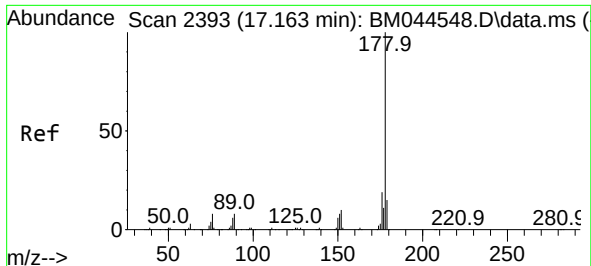
Delta R.T. -0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

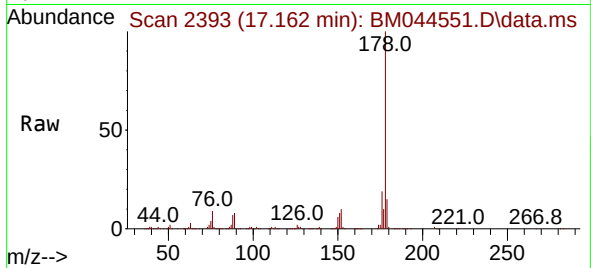
Tgt Ion:266	Resp: 57873
Ion Ratio	Lower Upper
266 100	
264 61.5	51.0 76.4
268 62.7	52.6 78.8





#72
Phenanthrene
Concen: 4.375 ng/ul
RT: 17.162 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

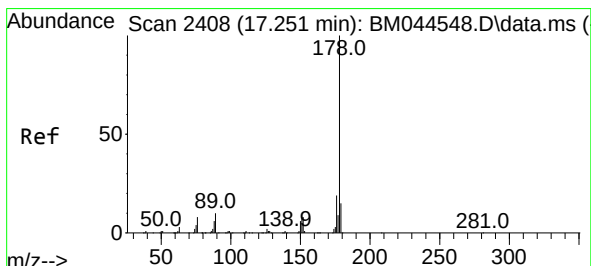
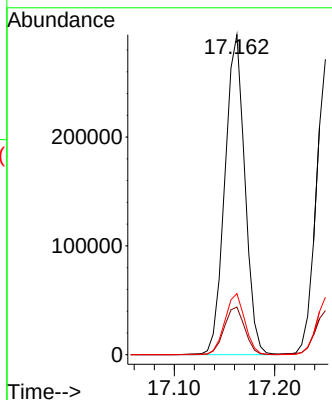
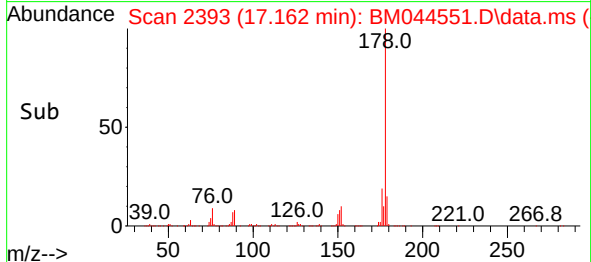
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:178 Resp: 406780
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 19.1 15.4 23.2

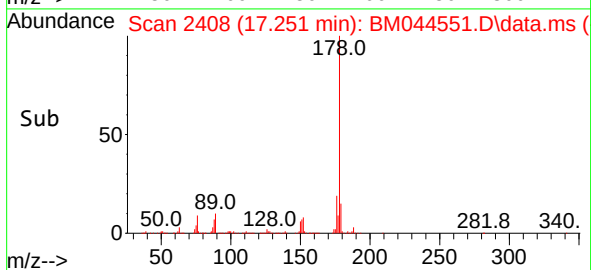
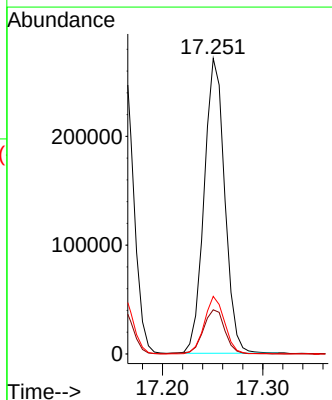
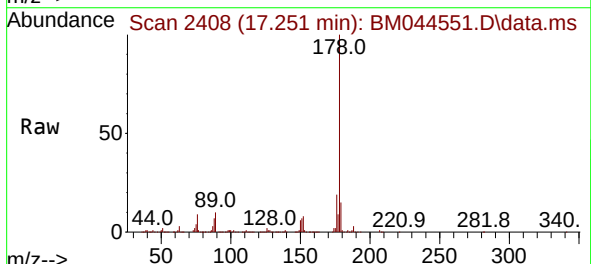
Manual Integrations
APPROVED

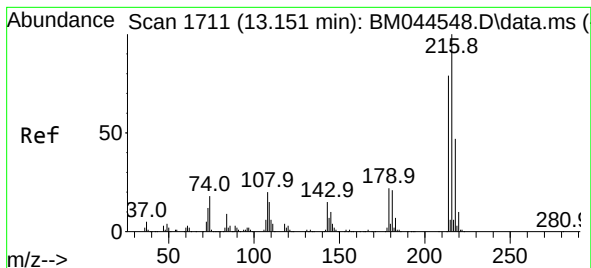
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#74
Anthracene
Concen: 4.121 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Tgt Ion:178 Resp: 387455
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 19.5 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.372 ng/uL

RT: 13.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044551.D

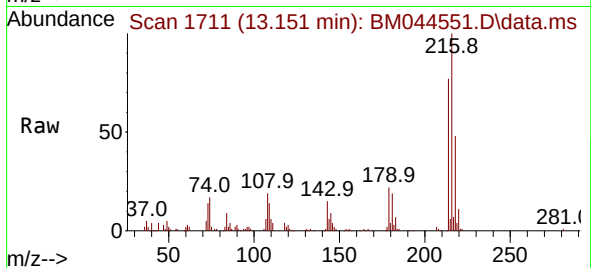
Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2024-01

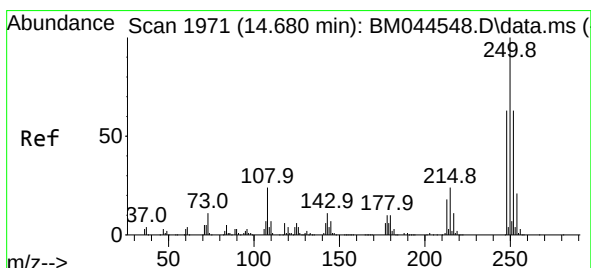
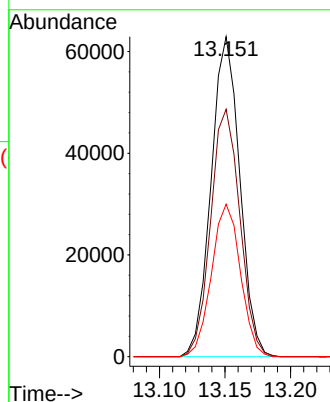
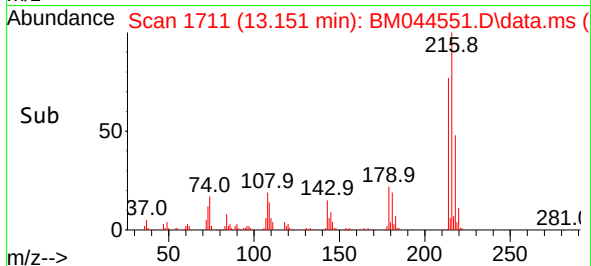


Tgt Ion:	216	Resp:	9571
Ion Ratio	Lower	Upper	
216	100		
214	77.3	62.9	94.3
218	47.7	38.6	57.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#76

Pentachlorobenzene

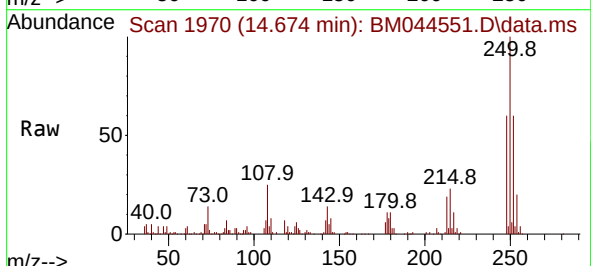
Concen: 5.031 ng/uL

RT: 14.674 min Scan# 1970

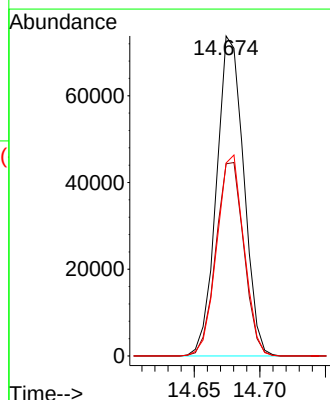
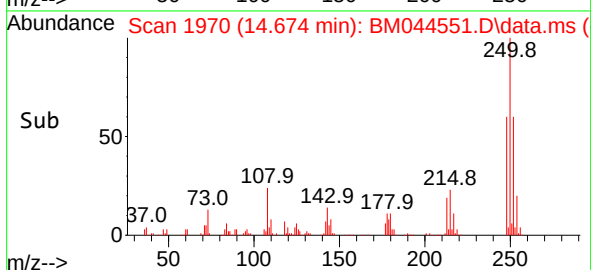
Delta R.T. -0.006 min

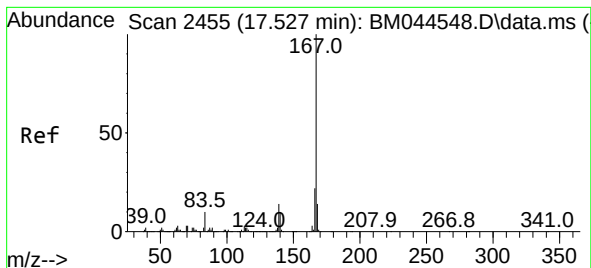
Lab File: BM044551.D

Acq: 07 Mar 2024 15:17



Tgt Ion:	250	Resp:	106477
Ion Ratio	Lower	Upper	
250	100		
248	60.0	50.1	75.1
252	64.1	50.6	75.8





#77

Carbazole

Concen: 4.131 ng/ul

RT: 17.527 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

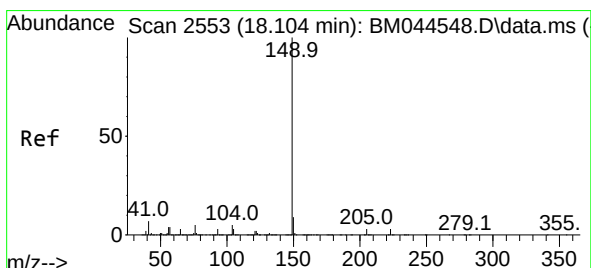
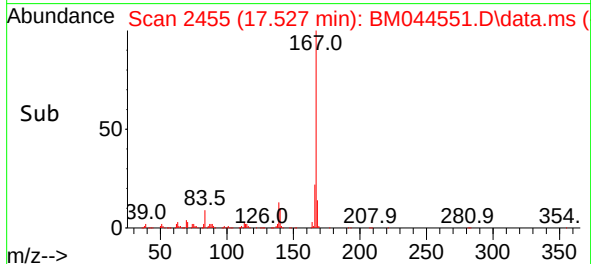
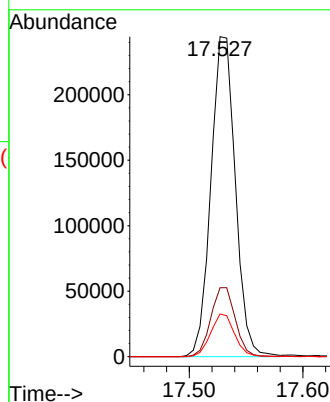
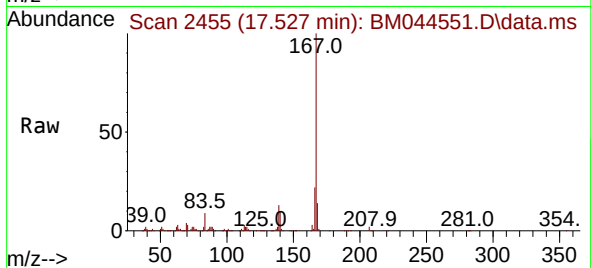
MDL-SOIL-QT1-2024-01

Tgt Ion:167	Resp: 36504
Ion Ratio	Lower Upper
167 100	
166 21.6	17.2 25.8
139 13.3	10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#78

Di-n-butylphthalate

Concen: 3.640 ng/ul

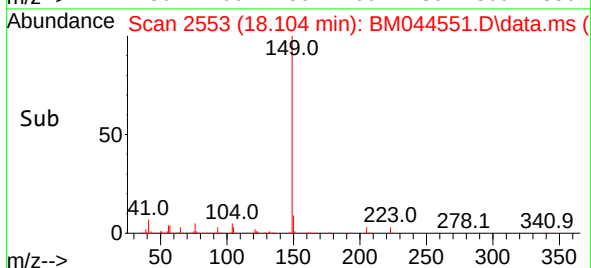
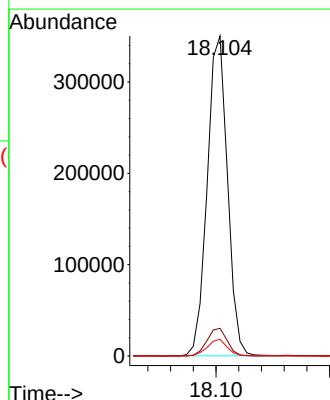
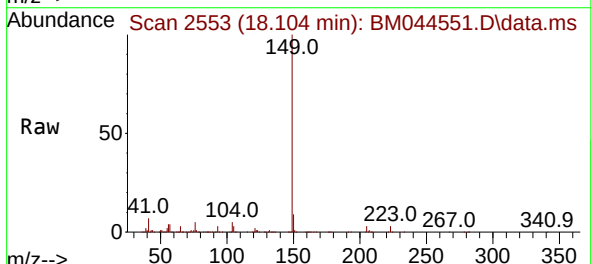
RT: 18.104 min Scan# 2553

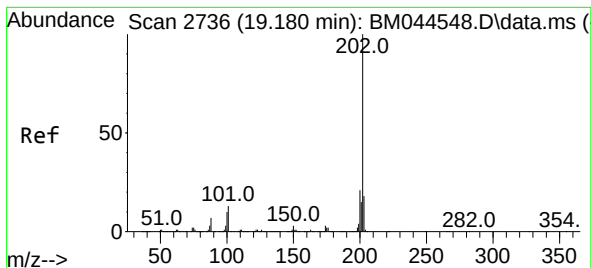
Delta R.T. -0.000 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

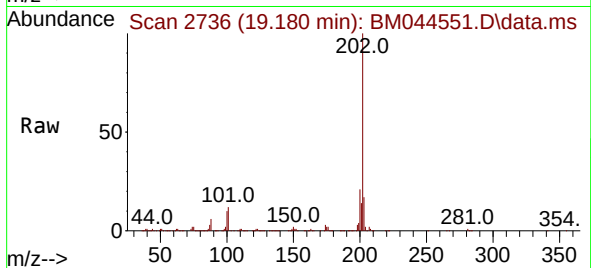
Tgt Ion:149	Resp: 432569
Ion Ratio	Lower Upper
149 100	
150 8.7	7.3 10.9
104 5.2	3.8 5.6





#80
Fluoranthene
Concen: 4.239 ng/ul
RT: 19.180 min Scan# 2736
Delta R.T. -0.000 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

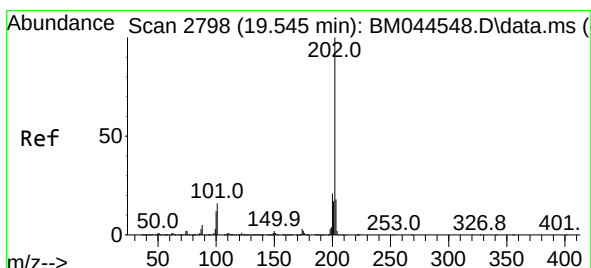
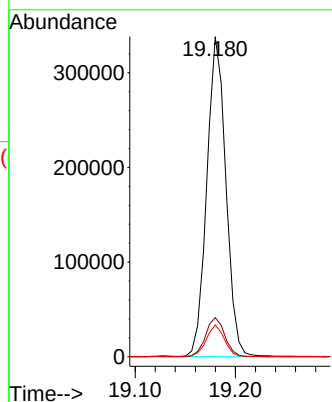
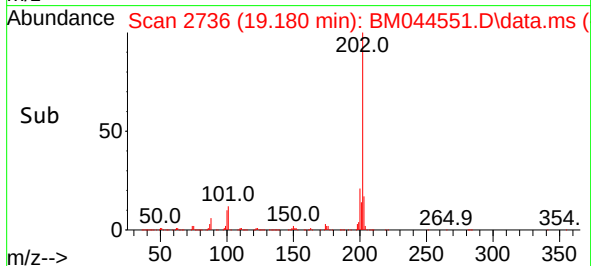
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



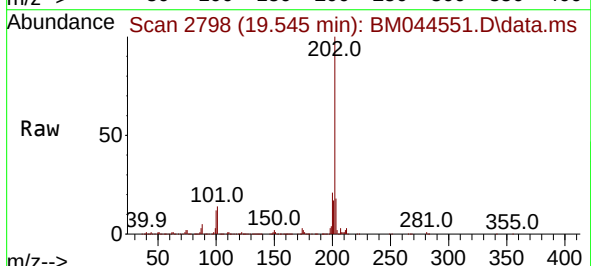
Tgt Ion:202 Resp: 447090
Ion Ratio Lower Upper
202 100
101 12.2 10.7 16.1
100 9.9 8.2 12.2

Manual Integrations
APPROVED

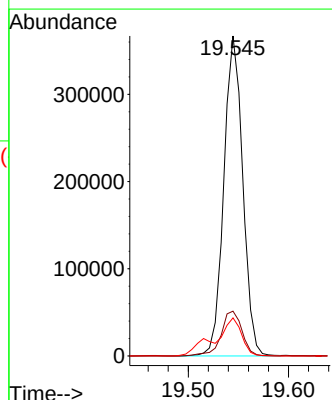
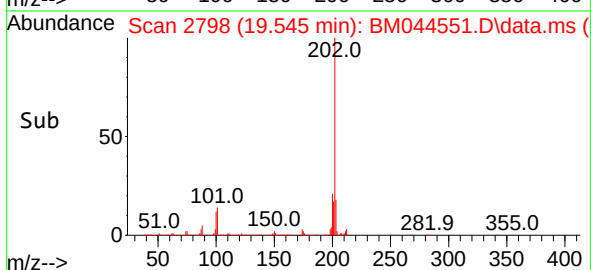
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024

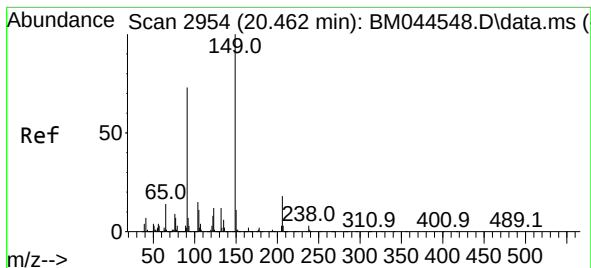


#82
Pyrene
Concen: 4.387 ng/ul
RT: 19.545 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17



Tgt Ion:202 Resp: 481696
Ion Ratio Lower Upper
202 100
101 14.0 12.5 18.7
100 11.9 10.0 15.0





#83

Butylbenzylphthalate

Concen: 3.252 ng/ul

RT: 20.462 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

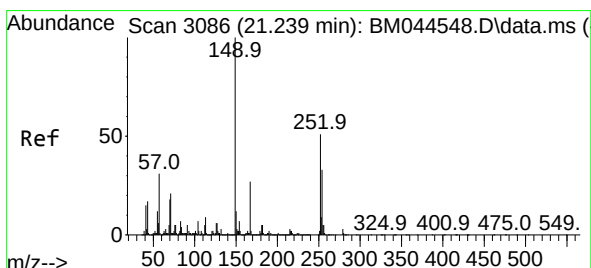
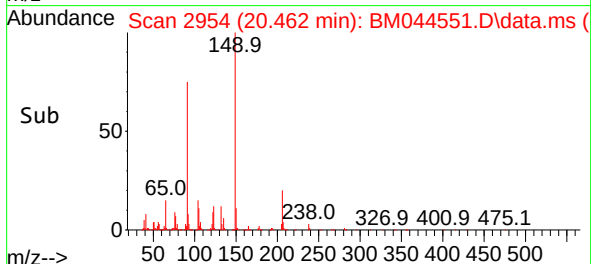
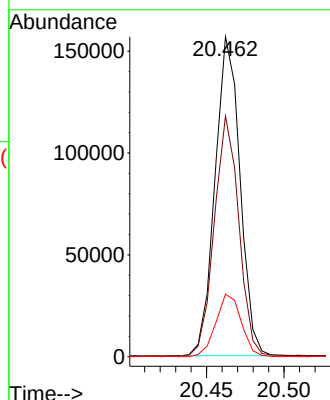
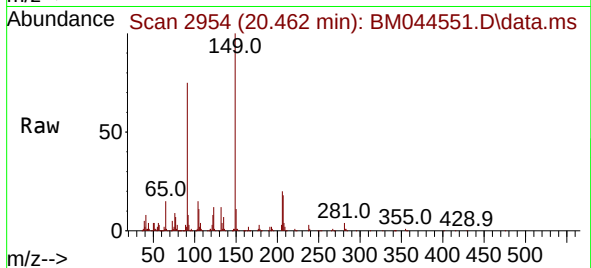
MDL-SOIL-QT1-2024-01

Tgt Ion:	149	Resp:	17555
Ion Ratio	Lower	Upper	
149	100		
91	75.2	55.9	83.9
206	19.6	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.646 ng/ul

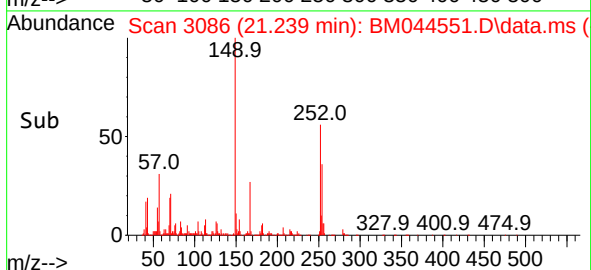
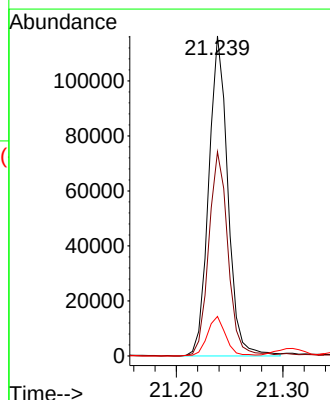
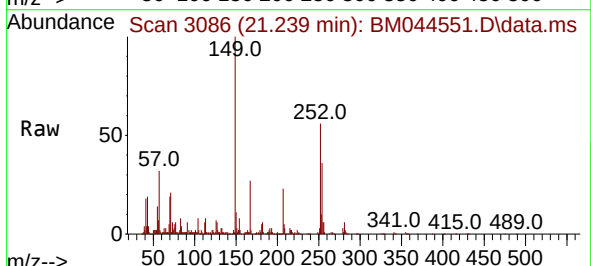
RT: 21.239 min Scan# 3086

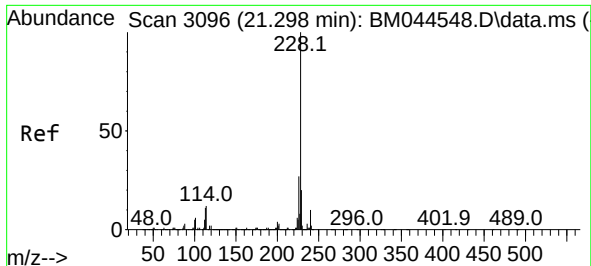
Delta R.T. 0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

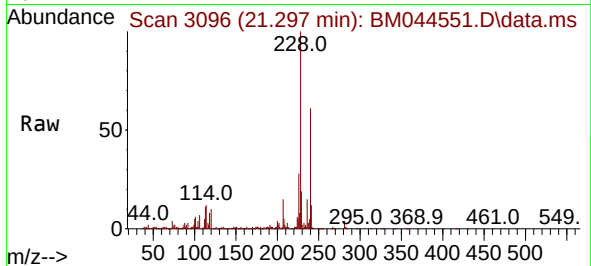
Tgt Ion:	252	Resp:	145105
Ion Ratio	Lower	Upper	
252	100		
254	63.8	51.6	77.4
126	12.4	11.1	16.7





#85
Benzo(a)anthracene
Concen: 4.121 ng/ul
RT: 21.297 min Scan# 3096
Delta R.T. 0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

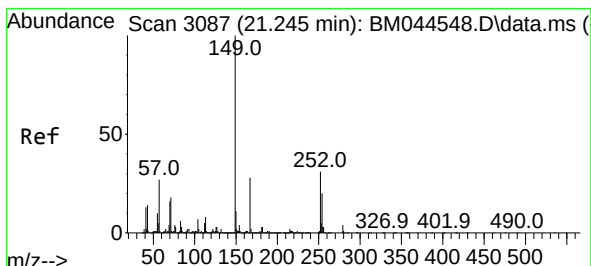
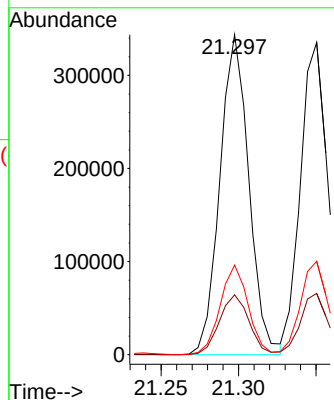
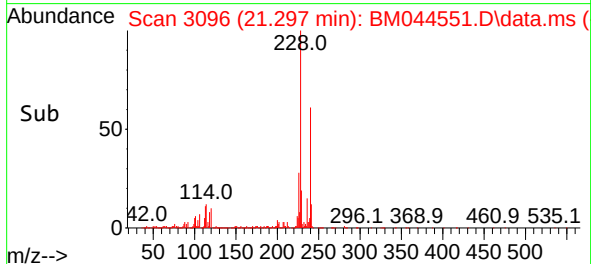
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:228 Resp: 446890
Ion Ratio Lower Upper
228 100
229 18.7 15.8 23.8
226 28.0 21.8 32.6

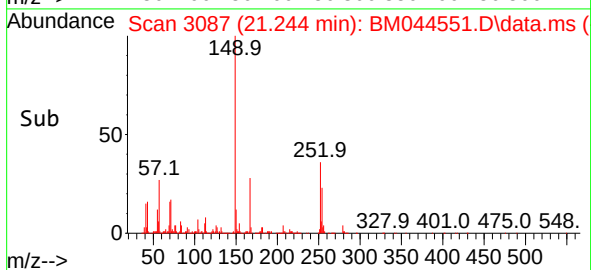
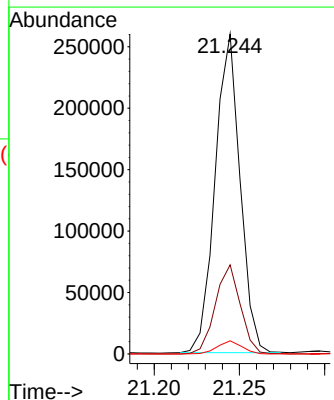
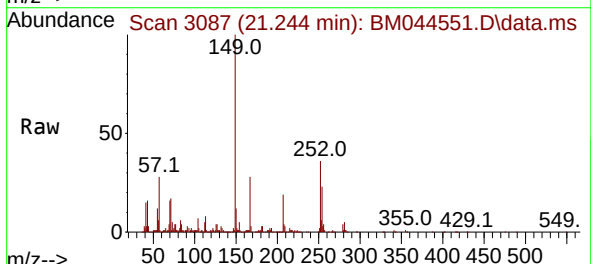
Manual Integrations
APPROVED

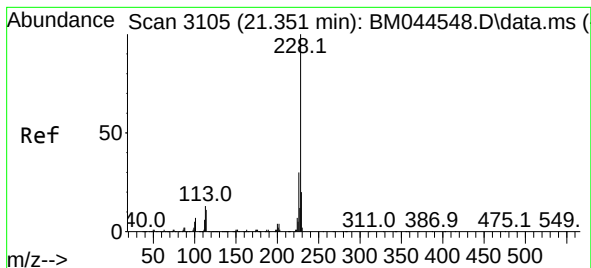
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.357 ng/ul
RT: 21.244 min Scan# 3087
Delta R.T. 0.006 min
Lab File: BM044551.D
Acq: 07 Mar 2024 15:17

Tgt Ion:149 Resp: 264284
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 4.1 2.6 4.0#





#87

Chrysene

Concen: 4.108 ng/ul

RT: 21.350 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

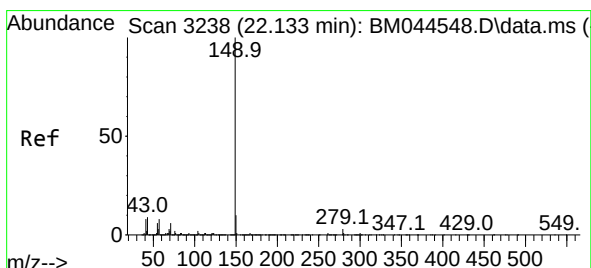
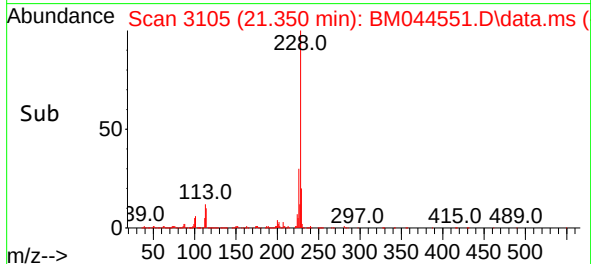
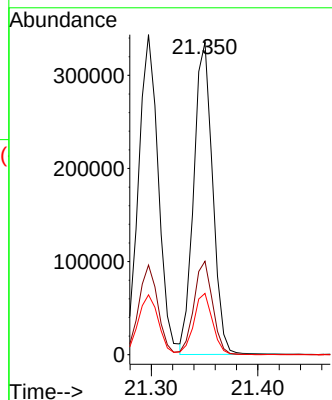
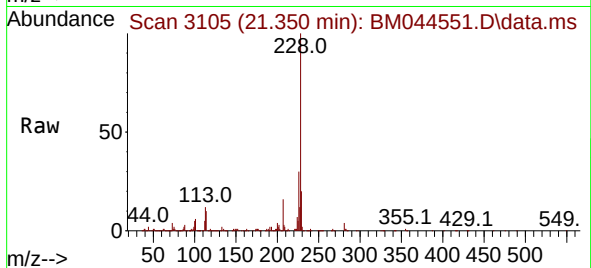
MDL-SOIL-QT1-2024-01

Tgt Ion:228 Resp: 412425
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.9 35.9
 229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/09/2024



#89

Di-n-octyl phthalate

Concen: 3.669 ng/ul

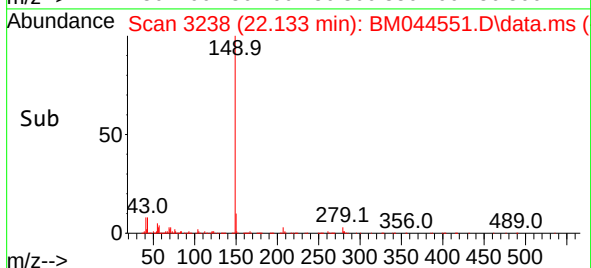
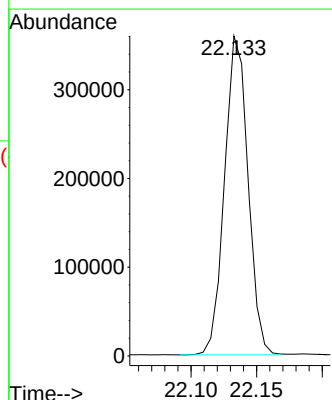
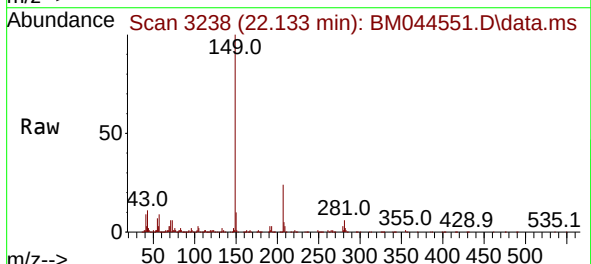
RT: 22.133 min Scan# 3238

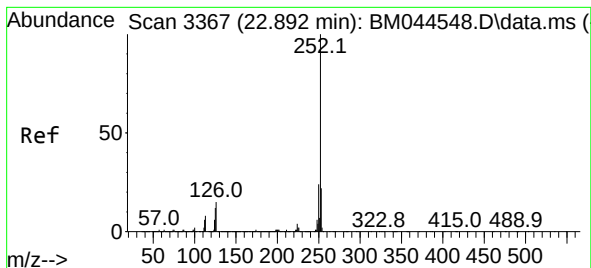
Delta R.T. 0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Tgt Ion:149 Resp: 447228





#90

Benzo(b)fluoranthene

Concen: 4.159 ng/ul

RT: 22.891 min Scan# 3367

Delta R.T. 0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

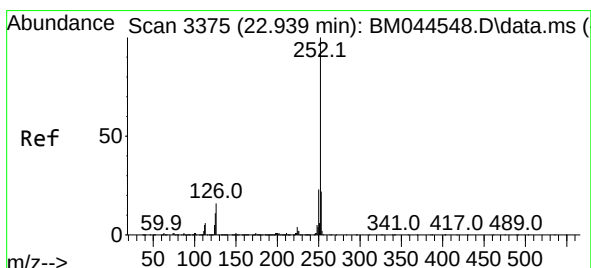
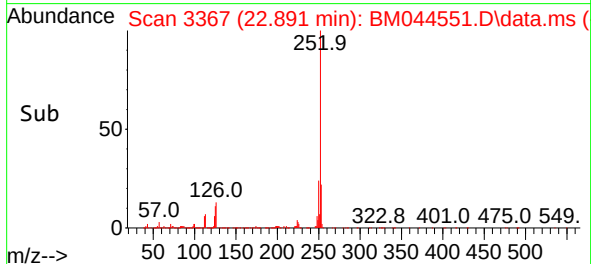
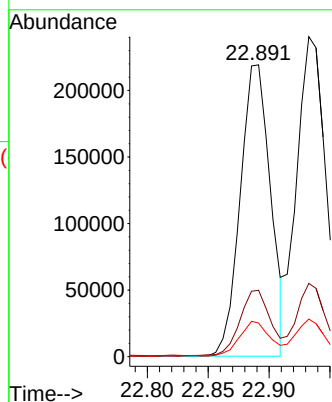
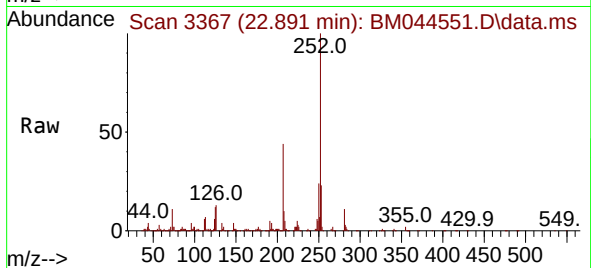
MDL-SOIL-QT1-2024-01

Tgt Ion:	252	Resp:	379000
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	11.5	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#91

Benzo(k)fluoranthene

Concen: 4.527 ng/ul

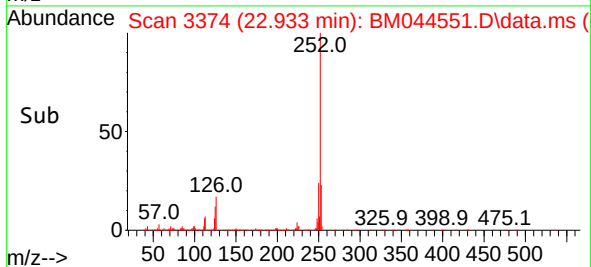
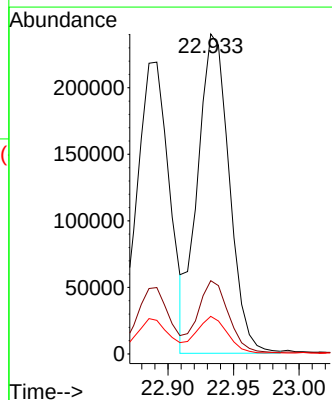
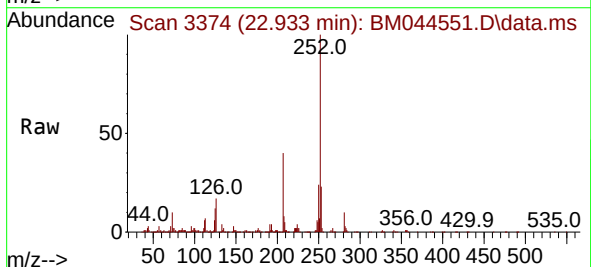
RT: 22.933 min Scan# 3374

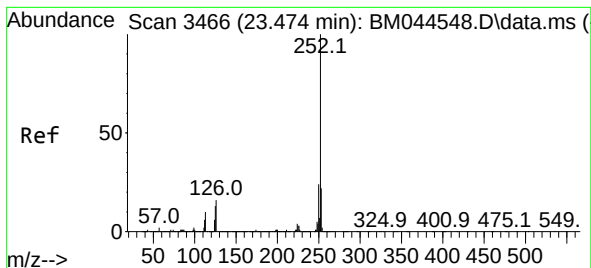
Delta R.T. 0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Tgt Ion:	252	Resp:	404101
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	11.7	10.0	15.0





#93

Benzo(a)pyrene

Concen: 4.194 ng/ul

RT: 23.468 min Scan# 3466

Delta R.T. 0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

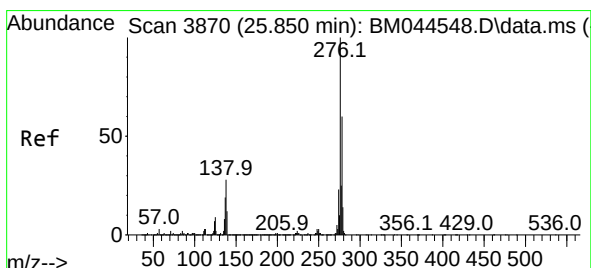
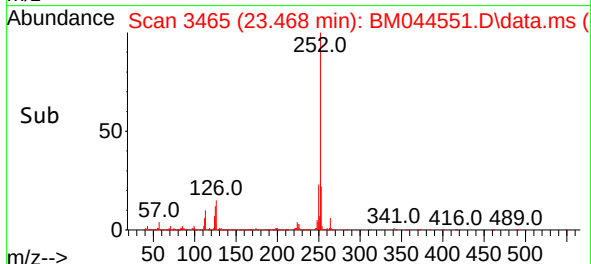
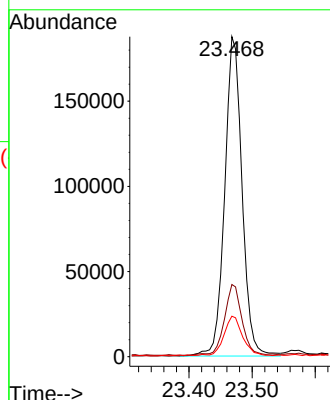
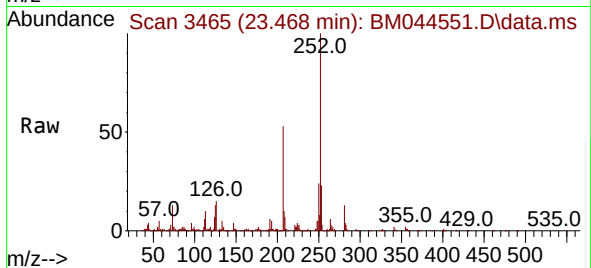
MDL-SOIL-QT1-2024-01

Tgt Ion:	252	Resp:	357558
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	12.6	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.876 ng/ul

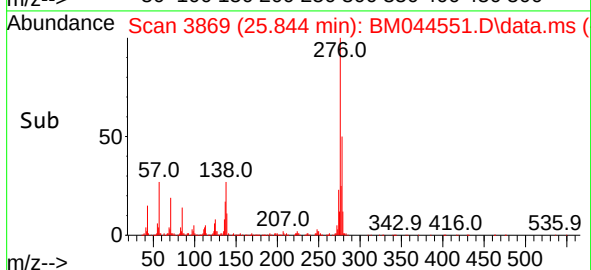
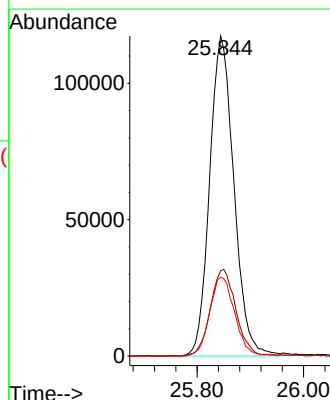
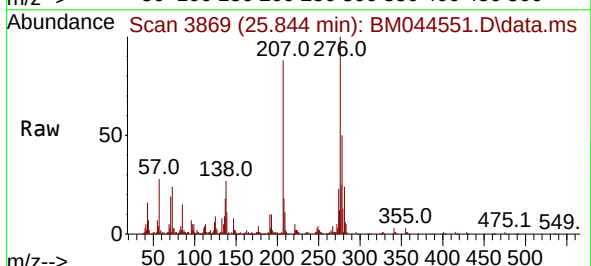
RT: 25.844 min Scan# 3869

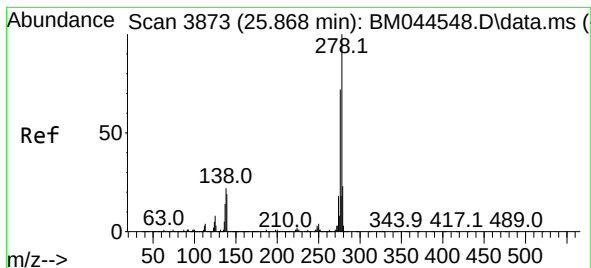
Delta R.T. 0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Tgt Ion:	276	Resp:	370680
Ion Ratio	Lower	Upper	
276	100		
138	26.6	23.1	34.7
277	24.6	19.7	29.5





#95

Dibenzo(a,h)anthracene

Concen: 3.966 ng/ul

RT: 25.862 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Instrument :

BNA_M

ClientSampleId :

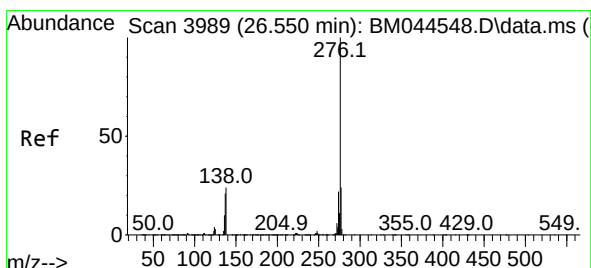
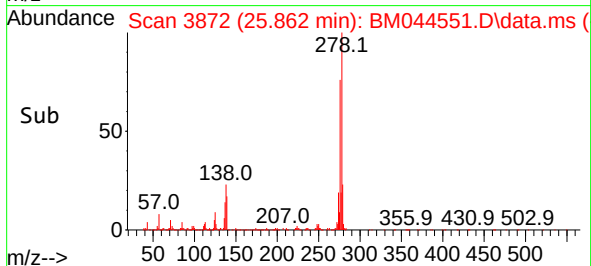
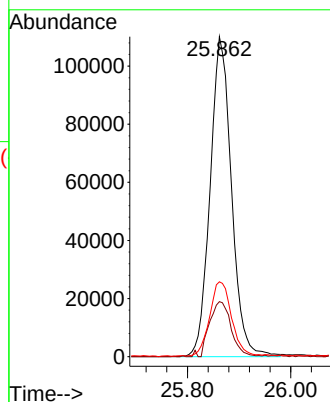
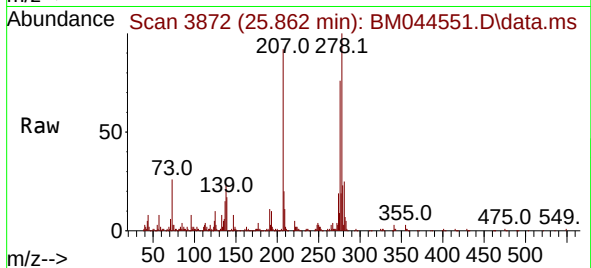
MDL-SOIL-QT1-2024-01

Tgt Ion:	278	Resp:	31621
Ion Ratio	Lower	Upper	
278	100		
139	17.2	15.8	23.6
279	23.4	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/09/2024



#96

Benzo(g,h,i)perylene

Concen: 3.817 ng/ul

RT: 26.544 min Scan# 3988

Delta R.T. 0.012 min

Lab File: BM044551.D

Acq: 07 Mar 2024 15:17

Tgt Ion:	276	Resp:	291304
Ion Ratio	Lower	Upper	
276	100		
138	22.5	20.8	31.2
277	23.0	19.0	28.4

