

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
 Data File : BM044552.D
 Acq On : 07 Mar 2024 15:53
 Operator : MA/JU
 Sample : P1601-05
 Misc : SFAM-MDL-ME SOIL-01
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Mar 07 17:27:06 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 :Yogesh Patel 03/08/2024
 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	276839	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.498	136	1251199	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.363	164	791589	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	1687181	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1524206	20.000	ng/u1	0.00
88) Perylene-d12	23.568	264	1464924	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	36486	4.470	ng/uL	-0.01
4) Pyridine-d5	3.669	84	515846	21.472	ng/u1	-0.01
7) Phenol-d5	6.893	99	594099	20.873	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	382209	21.740	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.251	132	453876	21.700	ng/u1	-0.02
15) 4-Methylphenol-d8	8.422	113	454268	20.323	ng/u1	-0.02
21) Nitrobenzene-d5	8.881	128	238803	22.666	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.592	143	258301	22.742	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	425896	22.033	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.645	131	671098	20.903	ng/u1	-0.02
46) Dimethylphthalate-d6	13.786	166	1338481	21.555	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1548818	21.810	ng/u1	0.00
54) 4-Nitrophenol-d4	14.574	143	259483	20.150	ng/u1	0.00
60) Fluorene-d10	15.363	176	1172592	22.471	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	204120	18.638	ng/u1	0.00
73) Anthracene-d10	17.215	188	1689118	20.945	ng/u1	0.00
81) Pyrene-d10	19.515	212	2016897	21.575	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.427	264	1697505	22.046	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	9184	1.087	ng/uL	86
5) Pyridine	3.693	79	99383	3.989	ng/u1#	63
6) Benzaldehyde	6.881	77	73238	5.908	ng/u1	93
8) Phenol	6.916	94	121486	4.182	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.163	93	102000	4.276	ng/u1	96
12) 2-Chlorophenol	7.281	128	91781	4.254	ng/u1	97
13) 2-Methylphenol	8.157	108	85454	3.877	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.245	45	143555	4.557	ng/u1	99
16) Acetophenone	8.545	105	149126	4.302	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.528	70	77530	4.329	ng/u1	99
18) 4-Methylphenol	8.487	108	95023	3.960	ng/u1	96
19) Hexachloroethane	8.781	117	38081	4.309	ng/u1	89
22) Nitrobenzene	8.922	77	111354	4.457	ng/u1	97
23) Isophorone	9.445	82	212323	4.165	ng/u1	99
25) 2-Nitrophenol	9.622	139	53308	4.305	ng/u1	96
26) 2,4-Dimethylphenol	9.681	107	72867	3.234	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.934	93	138232	4.312	ng/u1	100
29) 2,4-Dichlorophenol	10.151	162	85046	4.407	ng/u1	96
30) Naphthalene	10.551	128	316341	4.464	ng/u1	99
32) 4-Chloroaniline	10.669	127	131693	4.255	ng/u1	99
33) Hexachlorobutadiene	10.822	225	50976	4.713	ng/u1	99
34) Caprolactam	11.480	113	29867m	3.974	ng/u1	
35) 4-Chloro-3-methylphenol	11.792	107	90554	4.046	ng/u1	99
36) 2-Methylnaphthalene	12.169	142	212066	4.500	ng/u1	99

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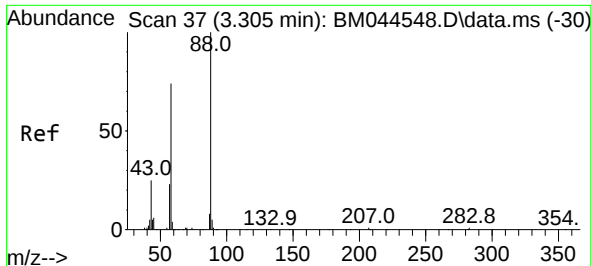
Quant Time: Mar 07 17:27:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/08/2024
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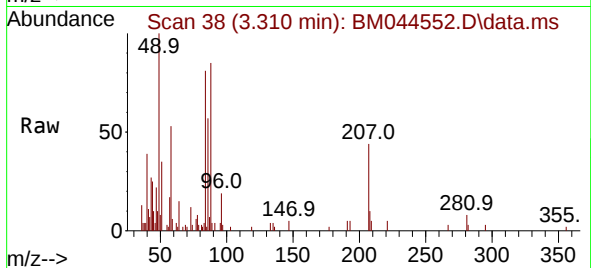
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	218419	4.698	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.533	216	99667	4.426	ng/ul	97
40) Hexachlorocyclopentadiene	12.504	237	54476	3.644	ng/ul	98
41) 2,4,6-Trichlorophenol	12.786	196	61758	3.912	ng/ul	97
42) 2,4,5-Trichlorophenol	12.857	196	65462	3.869	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	276349	4.396	ng/ul	98
44) 2-Chloronaphthalene	13.233	162	213190	4.322	ng/ul	99
45) 2-Nitroaniline	13.451	65	59084	3.815	ng/ul	95
47) Dimethylphthalate	13.833	163	267638	4.236	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	46785	3.707	ng/ul	97
50) Acenaphthylene	14.086	152	361326	4.365	ng/ul	99
51) 3-Nitroaniline	14.286	138	49746	3.649	ng/ul	93
52) Acenaphthene	14.427	153	236688	4.350	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	33795	4.186	ng/ul	95
55) 4-Nitrophenol	14.586	109	41257	4.573	ng/ul	94
56) Dibenzofuran	14.763	168	324101	4.478	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	69438	3.811	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.992	232	57062	4.075	ng/ul	95
59) Diethylphthalate	15.204	149	265337	4.046	ng/ul	98
61) Fluorene	15.416	166	266732	4.506	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.416	204	126540	4.606	ng/ul	99
63) 4-Nitroaniline	15.451	138	52270m	4.012	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	52533	4.489	ng/ul#	90
67) N-Nitrosodiphenylamine	15.633	169	213961	4.211	ng/ul	98
68) 4-Bromophenyl-phenylether	16.315	248	74157	4.394	ng/ul	99
69) Hexachlorobenzene	16.410	284	88281	4.593	ng/ul	92
70) Atrazine	16.592	200	81473	4.906	ng/ul	98
71) Pentachlorophenol	16.762	266	58848	4.636	ng/ul	98
72) Phenanthrene	17.162	178	412101	4.306	ng/ul	99
74) Anthracene	17.251	178	402841	4.162	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	96497	4.282	ng/uL	99
76) Pentachlorobenzene	14.674	250	108150	4.964	ng/uL	98
77) Carbazole	17.527	167	374555	4.118	ng/ul	99
78) Di-n-butylphthalate	18.098	149	439819	3.595	ng/ul	100
80) Fluoranthene	19.180	202	460736	4.138	ng/ul	97
82) Pyrene	19.545	202	496848	4.287	ng/ul	97
83) Butylbenzylphthalate	20.462	149	178759	3.137	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	155597	4.719	ng/ul	98
85) Benzo(a)anthracene	21.297	228	461679	4.033	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	278547	3.352	ng/ul	99
87) Chrysene	21.350	228	435975	4.114	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	470438	3.588	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	409146	4.174	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	423708	4.413	ng/ul	99
93) Benzo(a)pyrene	23.468	252	379989	4.144	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.844	276	394459	3.835	ng/ul	98
95) Dibenzo(a,h)anthracene	25.862	278	330697	3.856	ng/ul	96
96) Benzo(g,h,i)perylene	26.538	276	310241	3.780	ng/ul	97

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



#2
1,4-Dioxane
Concen: 1.087 ng/uL
RT: 3.310 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

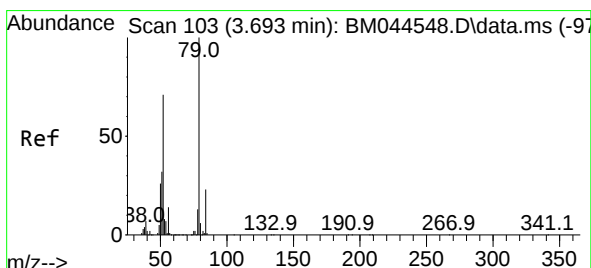
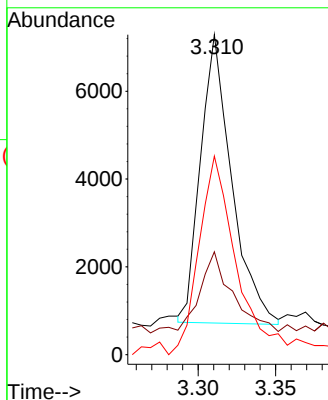
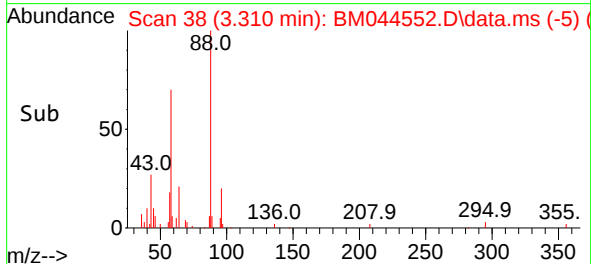
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion: 88 Resp: 9184
Ion Ratio Lower Upper
88 100
43 32.2 23.8 35.6
58 62.1 61.6 92.4

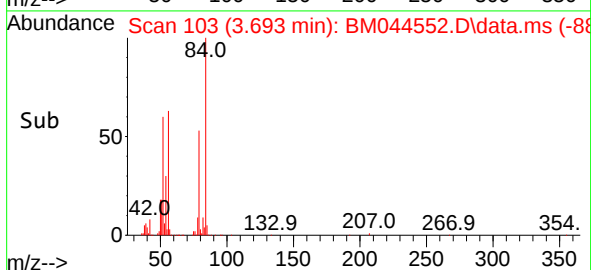
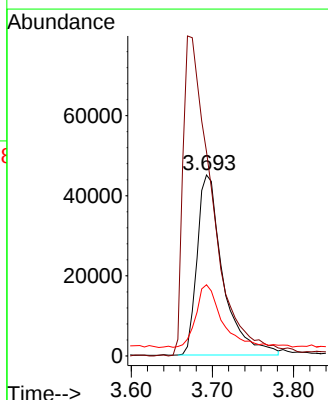
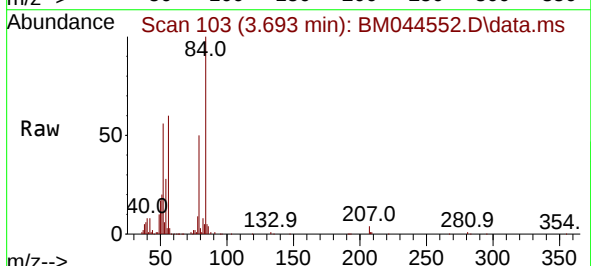
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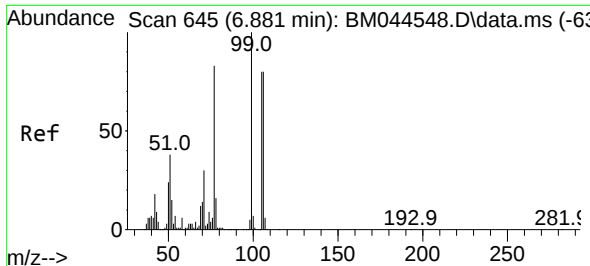
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#5
Pyridine
Concen: 3.989 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

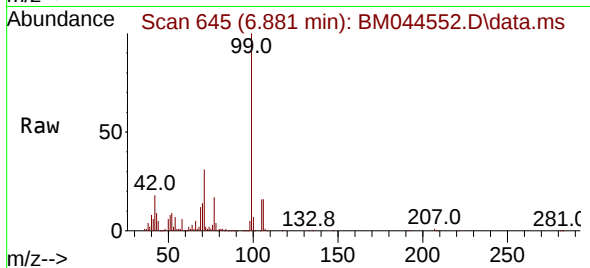
Tgt Ion: 79 Resp: 99383
Ion Ratio Lower Upper
79 100
52 112.8 57.4 86.0#
51 39.3 26.6 39.8





#6
Benzaldehyde
Concen: 5.908 ng/ul
RT: 6.881 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

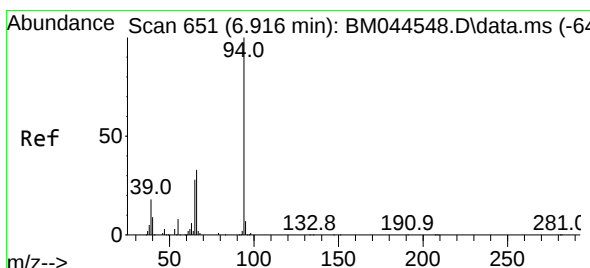
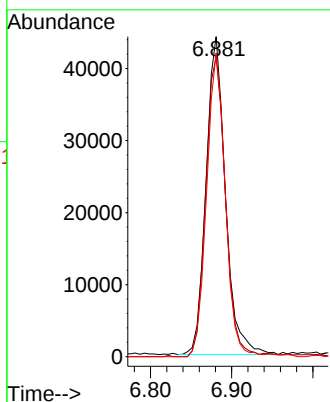
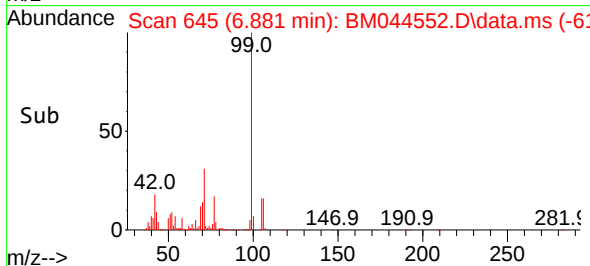
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



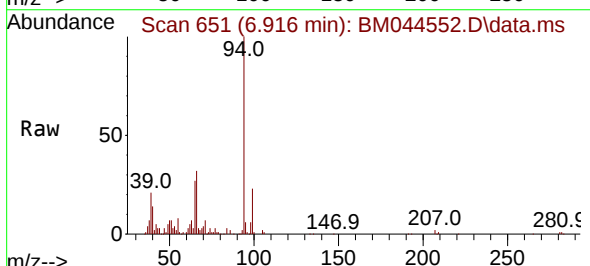
Tgt Ion: 77 Resp: 73238
Ion Ratio Lower Upper
77 100
105 93.8 81.4 122.0
106 94.9 80.2 120.4

Manual Integrations
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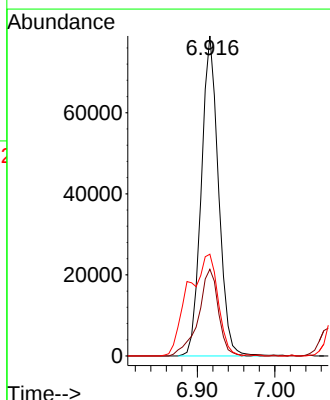
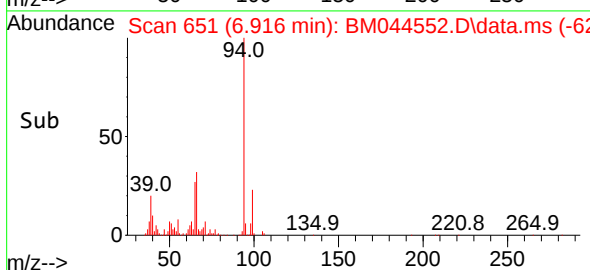
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

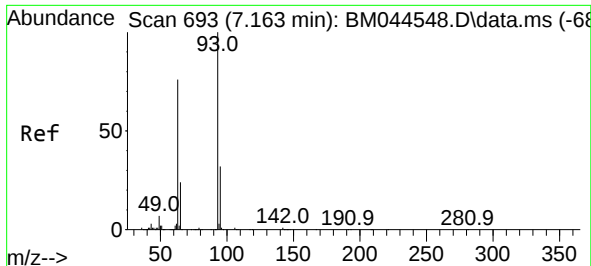


#8
Phenol
Concen: 4.182 ng/ul
RT: 6.916 min Scan# 651
Delta R.T. -0.018 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



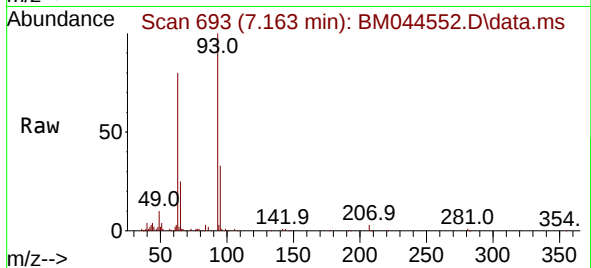
Tgt Ion: 94 Resp: 121486
Ion Ratio Lower Upper
94 100
65 27.1 21.3 31.9
66 31.8 25.4 38.2





#10
Bis(2-Chloroethyl)ether
Concen: 4.276 ng/ul
RT: 7.163 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

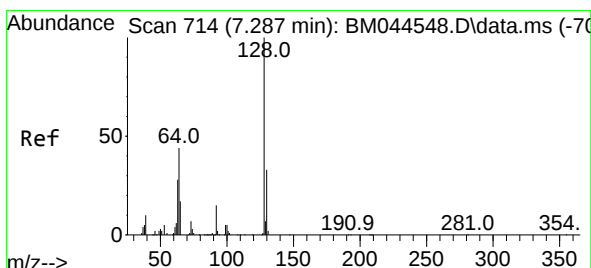
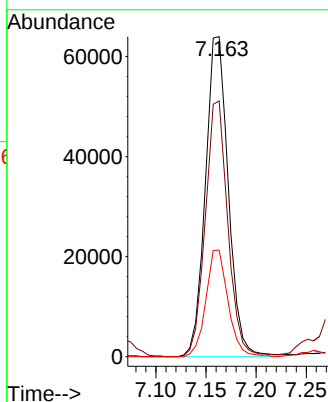
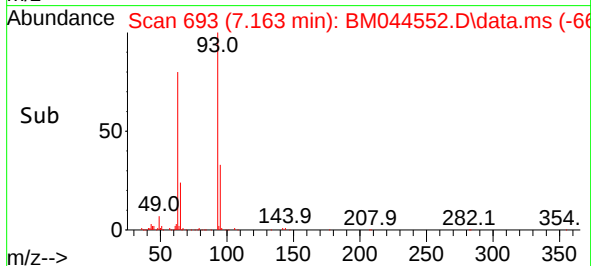
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion: 93 Resp: 102000
Ion Ratio Lower Upper
93 100
63 79.9 60.2 90.4
95 33.3 26.8 40.2

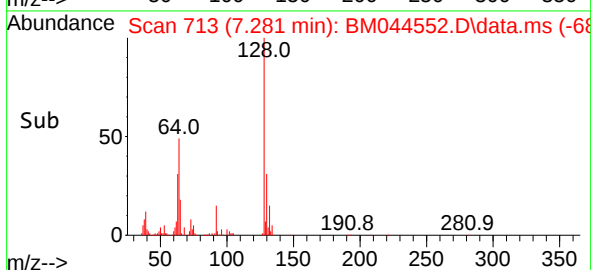
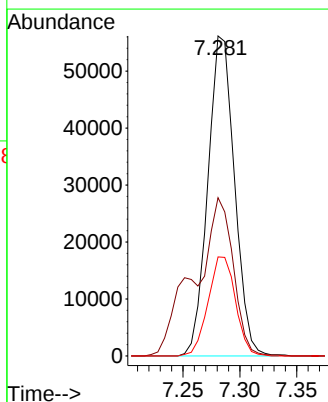
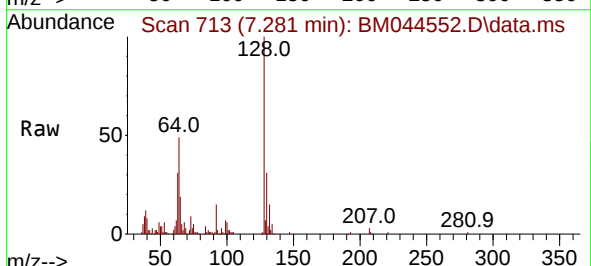
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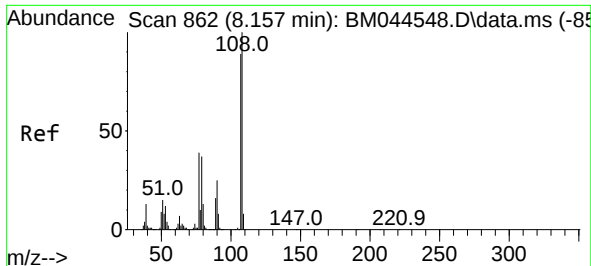
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#12
2-Chlorophenol
Concen: 4.254 ng/ul
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

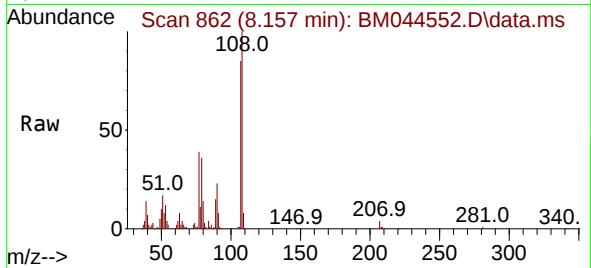
Tgt Ion:128 Resp: 91781
Ion Ratio Lower Upper
128 100
64 49.5 37.4 56.2
130 31.0 25.4 38.0





#13
2-Methylphenol
Concen: 3.877 ng/ul
RT: 8.157 min Scan# 862
Delta R.T. -0.018 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

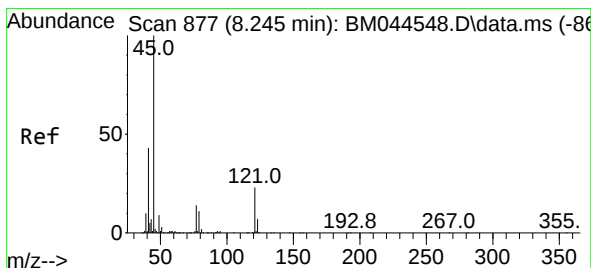
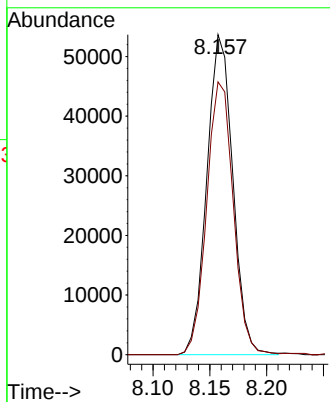
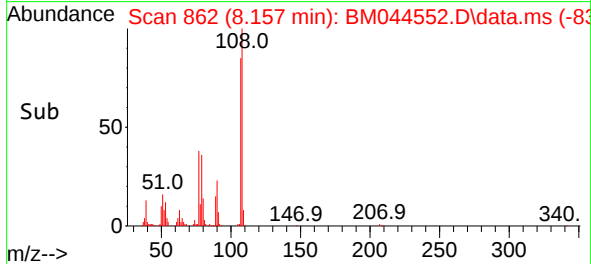
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:108 Resp: 85454
Ion Ratio Lower Upper
108 100
107 85.2 71.7 107.5

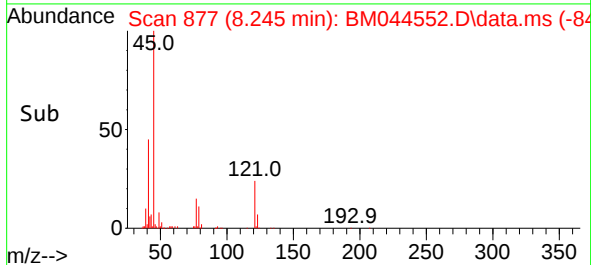
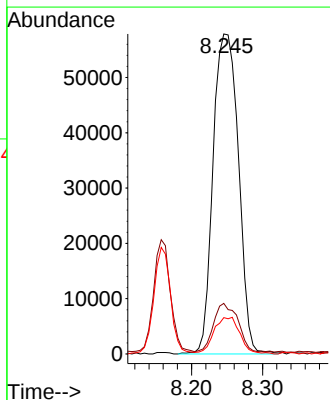
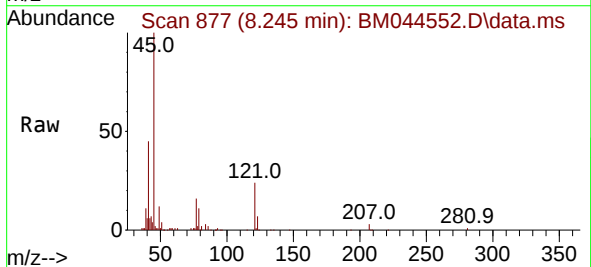
Manual Integrations
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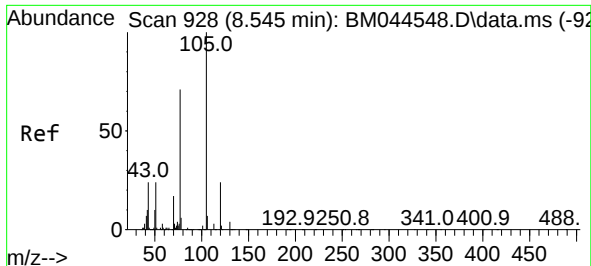
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.557 ng/ul
RT: 8.245 min Scan# 877
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

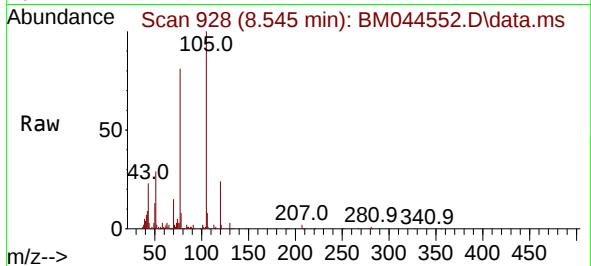
Tgt Ion: 45 Resp: 143555
Ion Ratio Lower Upper
45 100
77 15.8 12.4 18.6
79 11.4 9.0 13.6





#16
Acetophenone
Concen: 4.302 ng/ul
RT: 8.545 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

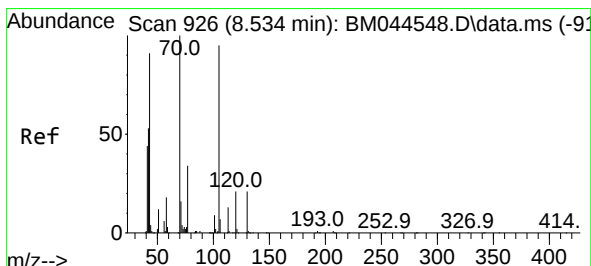
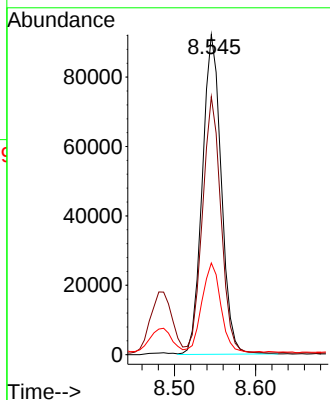
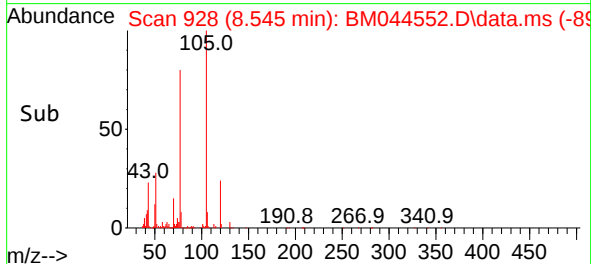
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



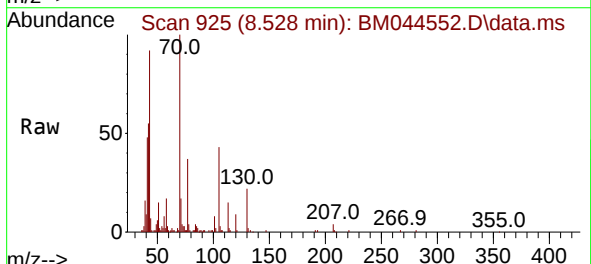
Tgt Ion:105 Resp: 149120
Ion Ratio Lower Upper
105 100
77 80.6 59.5 89.3
51 28.6 20.2 30.4

Manual Integrations
APPROVED

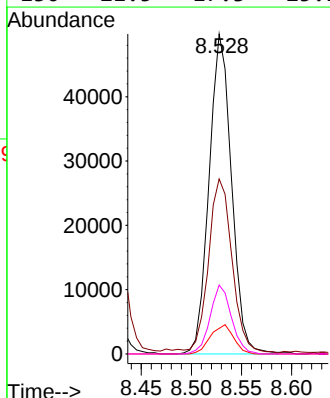
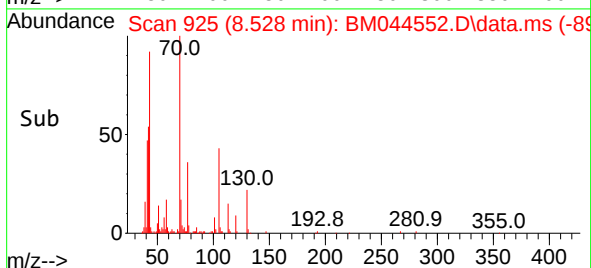
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

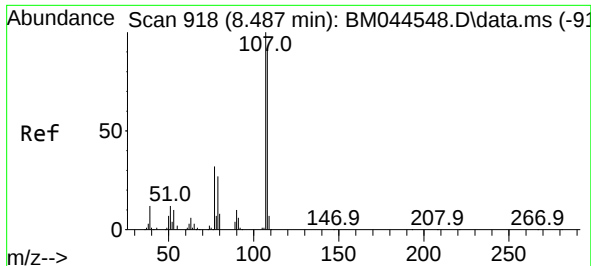


#17
N-Nitroso-di-n-propylamine
Concen: 4.329 ng/ul
RT: 8.528 min Scan# 925
Delta R.T. -0.018 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



Tgt Ion: 70 Resp: 77530
Ion Ratio Lower Upper
70 100
42 54.7 42.7 64.1
101 8.0 7.1 10.7
130 21.5 17.3 25.9





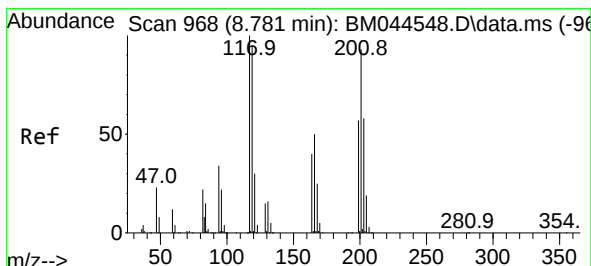
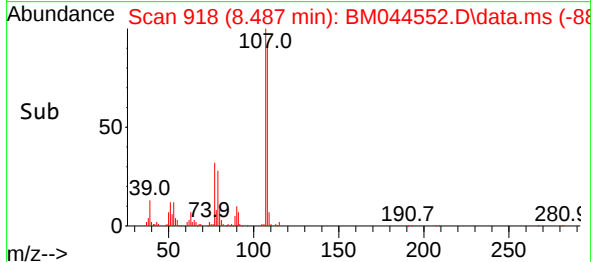
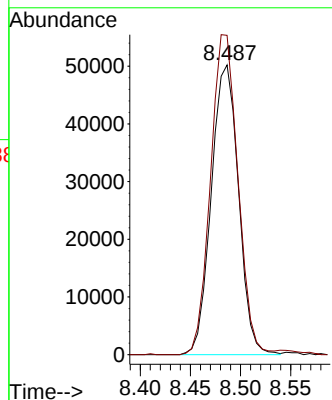
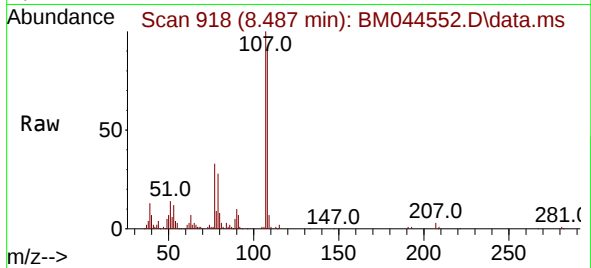
#18
4-Methylphenol
Concen: 3.960 ng/ul
RT: 8.487 min Scan# 918
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

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

Tgt Ion:108 Resp: 9502
Ion Ratio Lower Upper
108 100
107 110.2 91.8 137.8

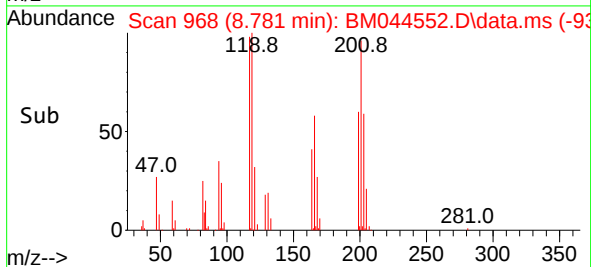
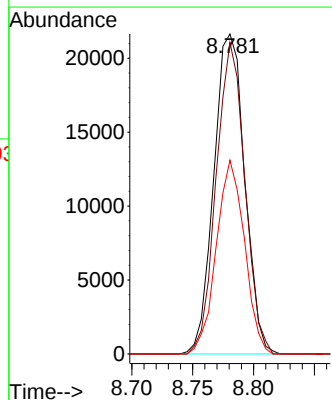
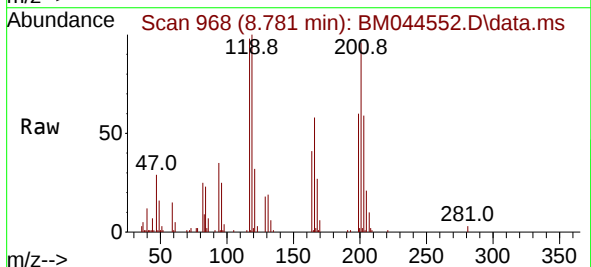
Manual Integrations
APPROVED

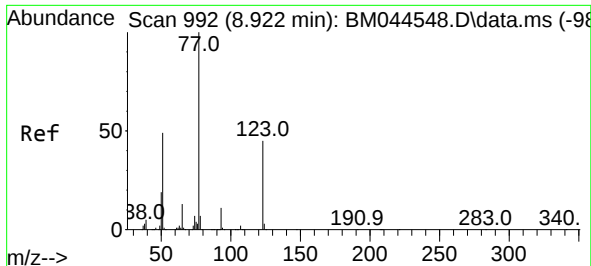
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#19
Hexachloroethane
Concen: 4.309 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

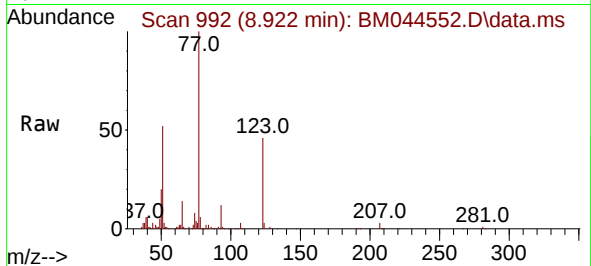
Tgt Ion:117 Resp: 38081
Ion Ratio Lower Upper
117 100
201 97.4 69.0 103.6
199 62.4 44.4 66.6





#22
Nitrobenzene
Concen: 4.457 ng/ul
RT: 8.922 min Scan# 992
Delta R.T. -0.018 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

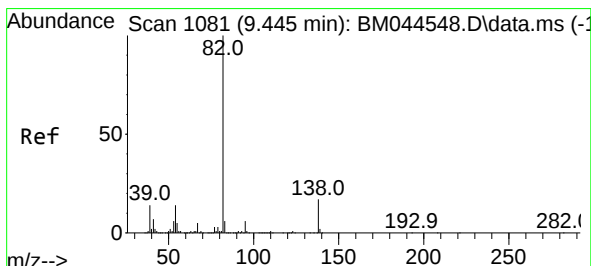
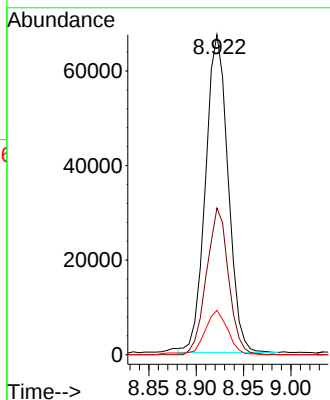
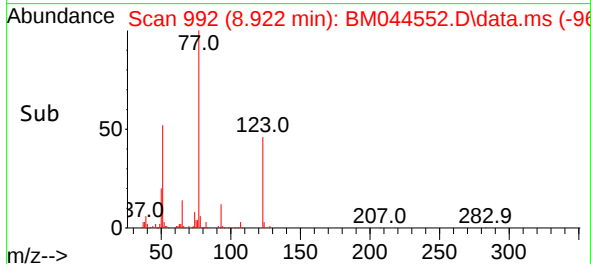
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



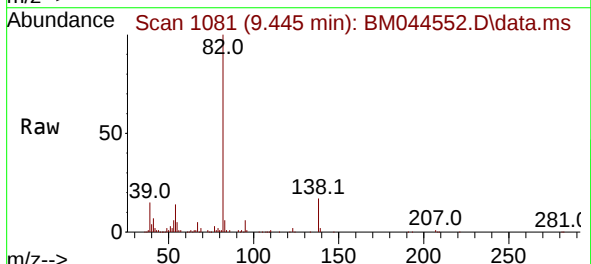
Tgt Ion: 77 Resp: 111354
Ion Ratio Lower Upper
77 100
123 45.8 38.2 57.2
65 13.8 10.2 15.2

Manual Integrations
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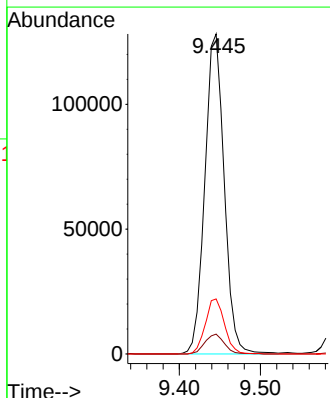
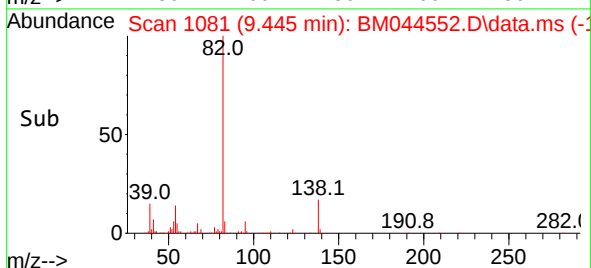
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

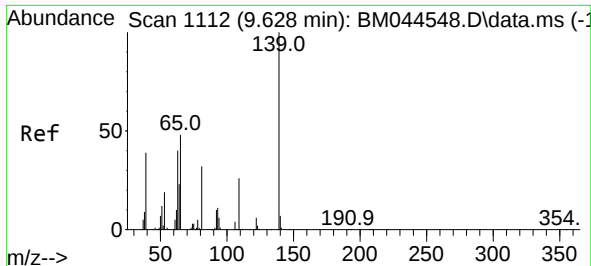


#23
Isophorone
Concen: 4.165 ng/ul
RT: 9.445 min Scan# 1081
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



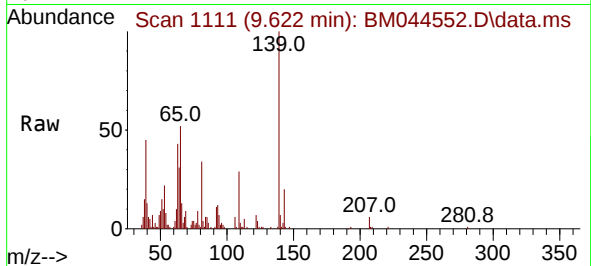
Tgt Ion: 82 Resp: 212323
Ion Ratio Lower Upper
82 100
95 6.2 4.7 7.1
138 17.2 14.1 21.1





#25
2-Nitrophenol
Concen: 4.305 ng/ul
RT: 9.622 min Scan# 1112
Delta R.T. -0.018 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

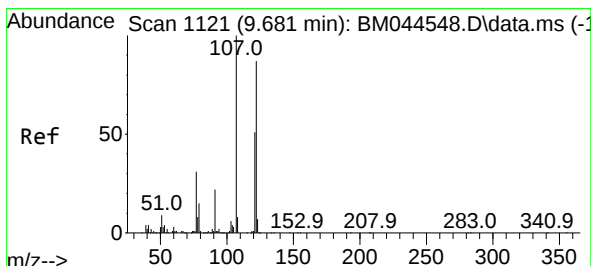
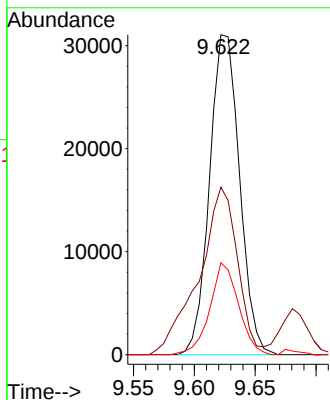
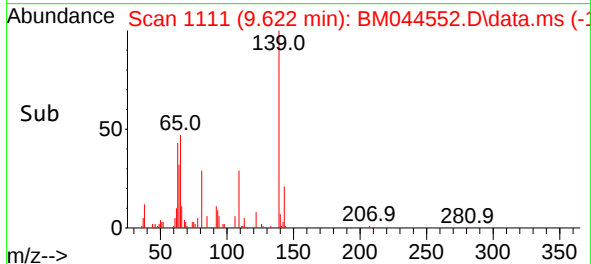
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:139 Resp: 53308
Ion Ratio Lower Upper
139 100
65 52.3 40.2 60.2
109 28.7 21.0 31.4

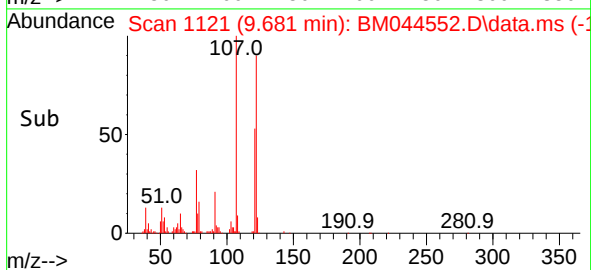
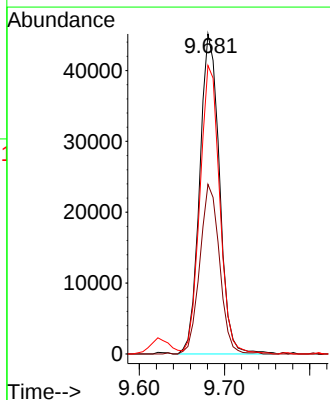
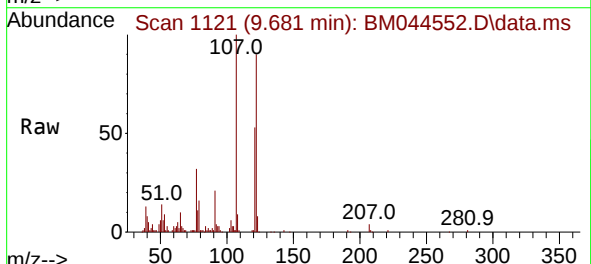
Manual Integrations
APPROVED

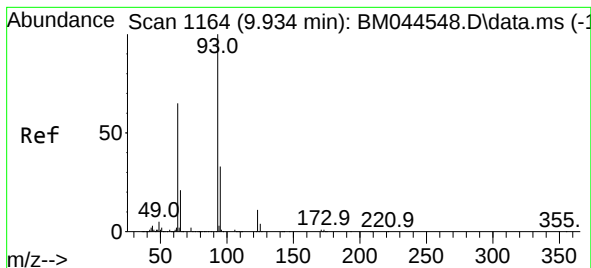
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#26
2,4-Dimethylphenol
Concen: 3.234 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. -0.018 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

Tgt Ion:107 Resp: 72867
Ion Ratio Lower Upper
107 100
121 53.0 41.0 61.6
122 90.1 71.4 107.0





#27

Bis(2-Chloroethoxy)methane

Concen: 4.312 ng/ul

RT: 9.934 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

Tgt Ion: 93 Resp: 13823

Ion Ratio Lower Upper

93 100

95 31.4 25.3 37.9

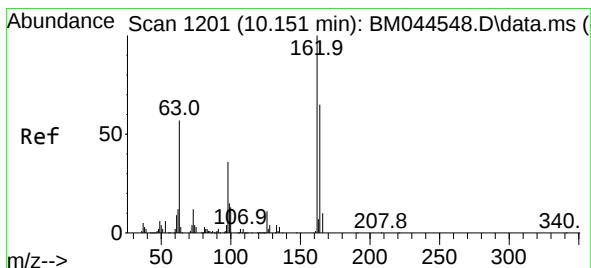
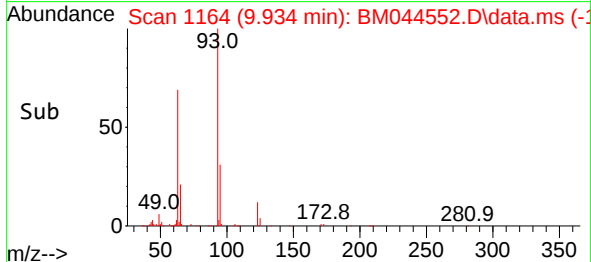
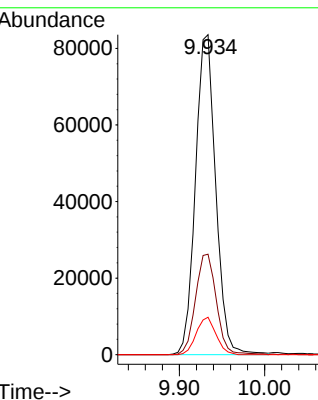
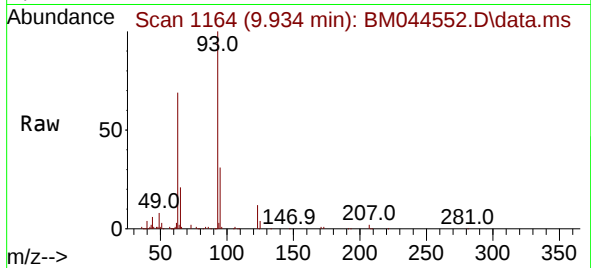
123 11.7 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/08/2024

Supervised By :mohammad ahmed 03/09/2024



#29

2,4-Dichlorophenol

Concen: 4.407 ng/ul

RT: 10.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

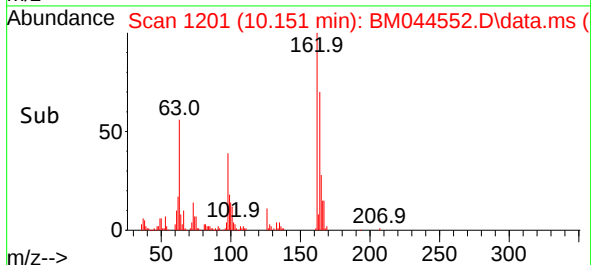
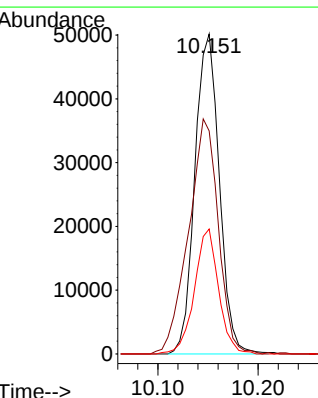
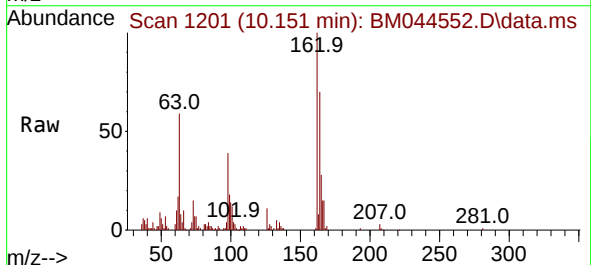
Tgt Ion:162 Resp: 85046

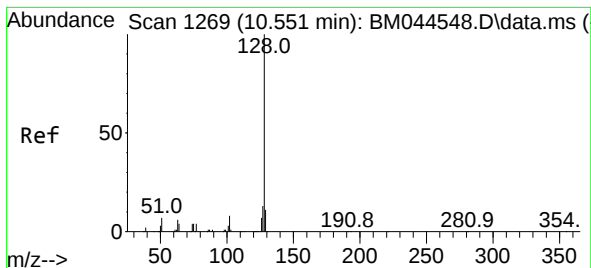
Ion Ratio Lower Upper

162 100

164 69.7 52.7 79.1

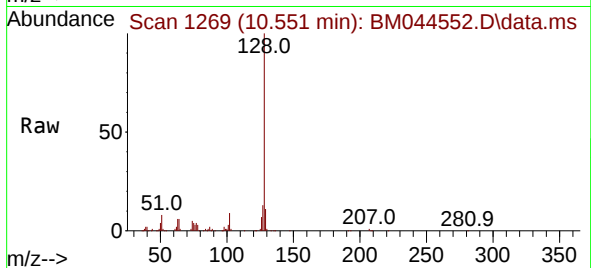
98 39.0 30.1 45.1





#30
Naphthalene
Concen: 4.464 ng/ul
RT: 10.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

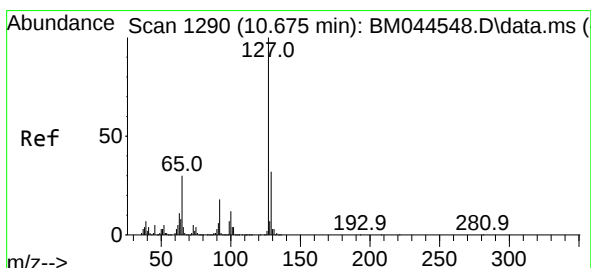
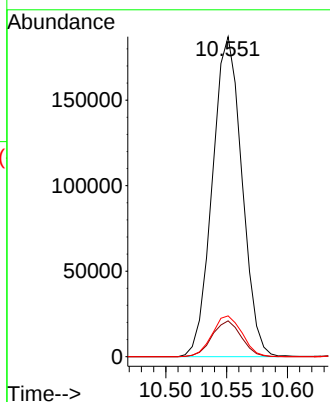
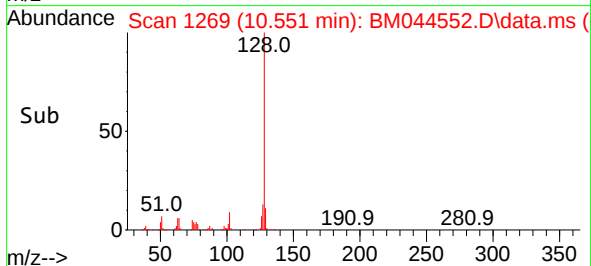
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:128 Resp: 31634
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.7 10.5 15.7

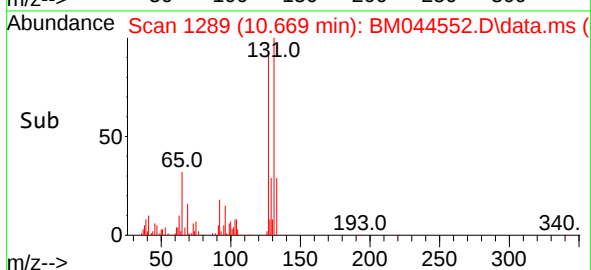
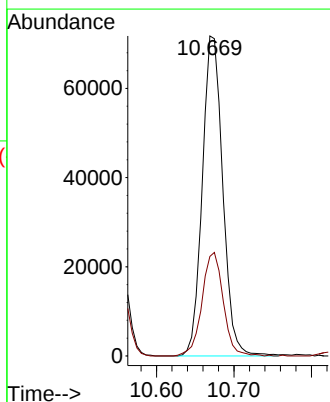
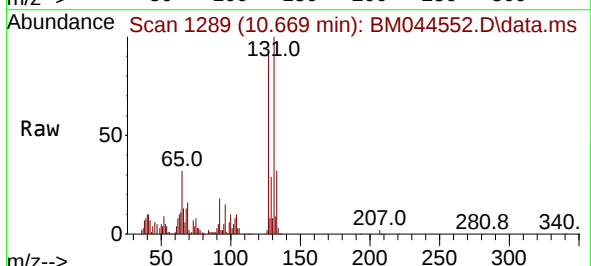
Manual Integrations
APPROVED

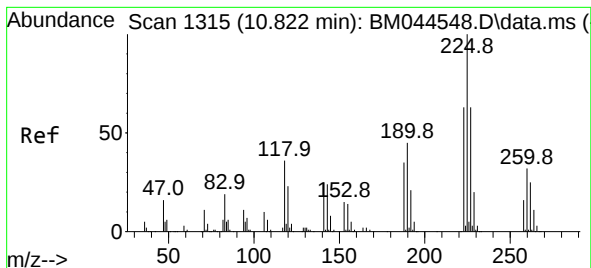
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#32
4-Chloroaniline
Concen: 4.255 ng/ul
RT: 10.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

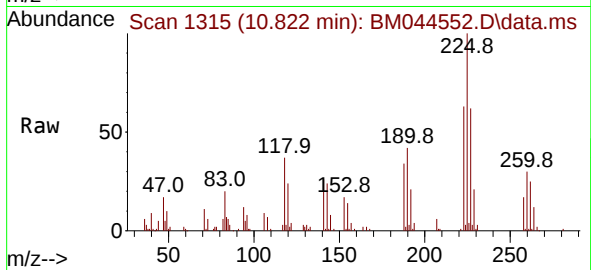
Tgt Ion:127 Resp: 131693
Ion Ratio Lower Upper
127 100
129 31.1 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.713 ng/ul
RT: 10.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

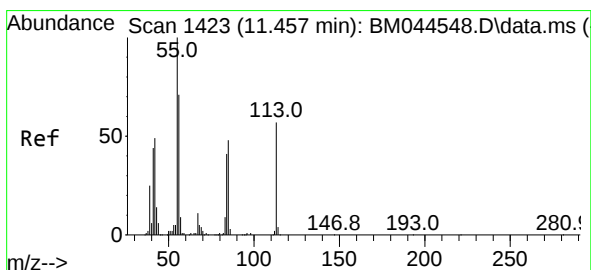
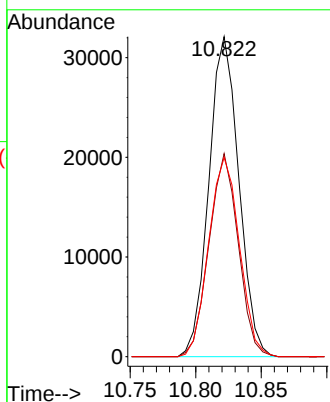
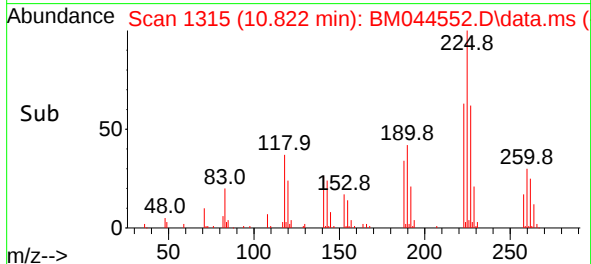
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



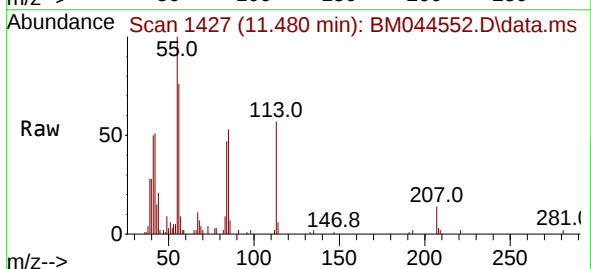
Tgt Ion:225 Resp: 50970
Ion Ratio Lower Upper
225 100
223 63.5 50.1 75.1
227 62.2 49.2 73.8

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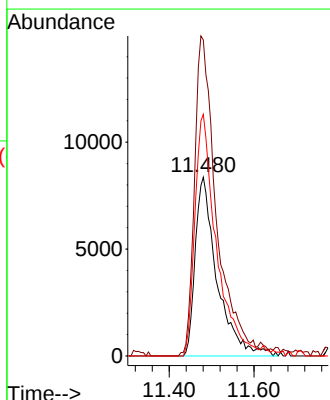
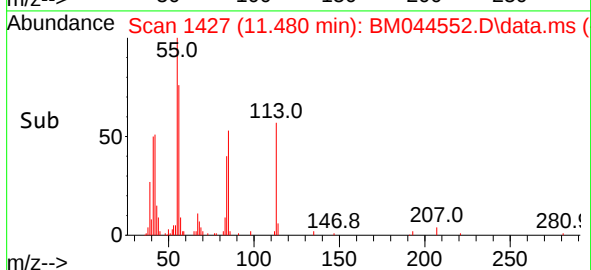
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

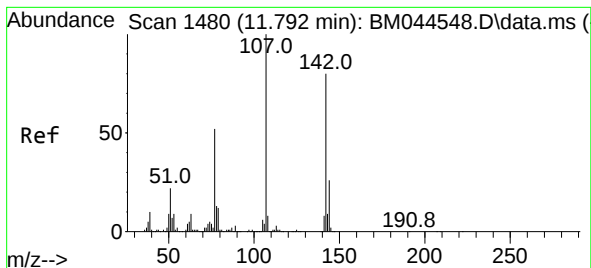


#34
Caprolactam
Concen: 3.974 ng/ul m
RT: 11.480 min Scan# 1427
Delta R.T. 0.018 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



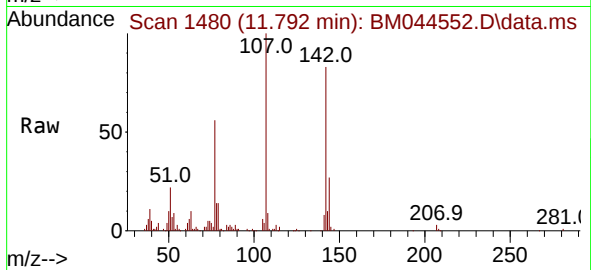
Tgt Ion:113 Resp: 29867
Ion Ratio Lower Upper
113 100
55 176.8 134.7 202.1
56 135.2 102.2 153.2





#35
4-Chloro-3-methylphenol
Concen: 4.046 ng/ul
RT: 11.792 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

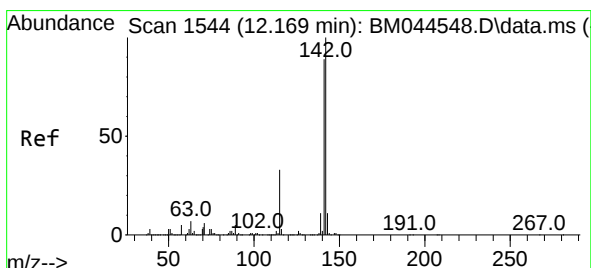
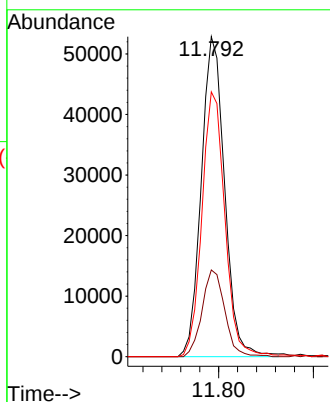
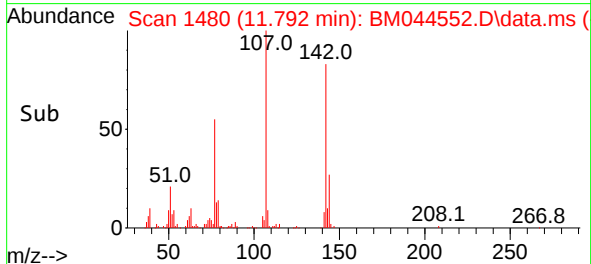
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



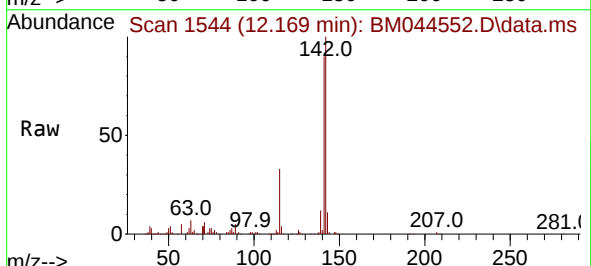
Tgt Ion:107 Resp: 90554
Ion Ratio Lower Upper
107 100
144 27.1 21.7 32.5
142 82.7 65.1 97.7

Manual Integrations
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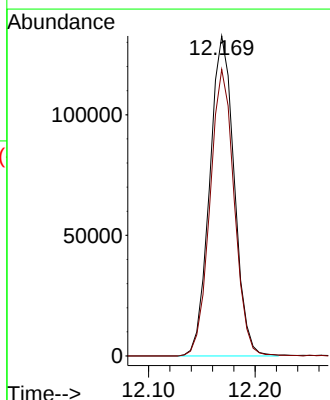
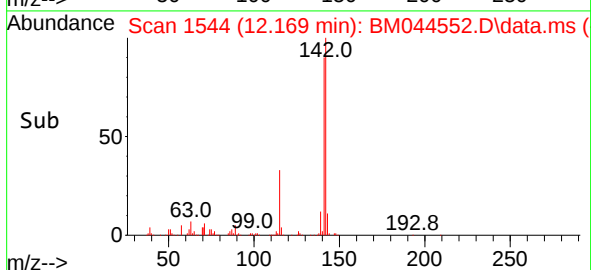
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

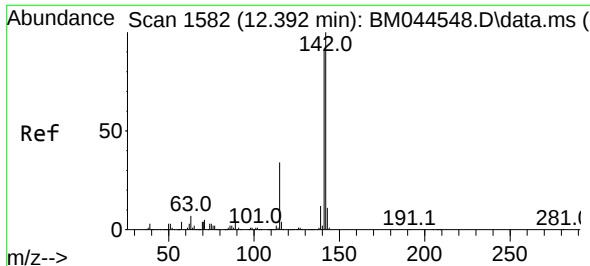


#36
2-Methylnaphthalene
Concen: 4.500 ng/ul
RT: 12.169 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



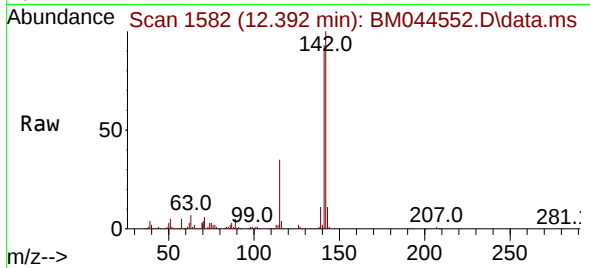
Tgt Ion:142 Resp: 212066
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7





#37
1-Methylnaphthalene
Concen: 4.698 ng/ul
RT: 12.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

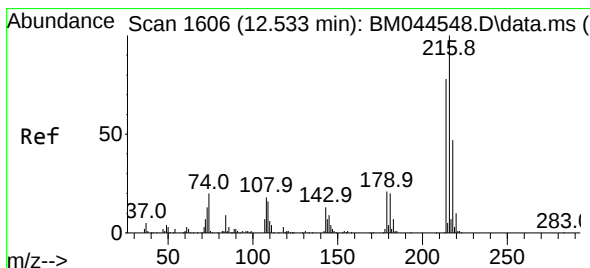
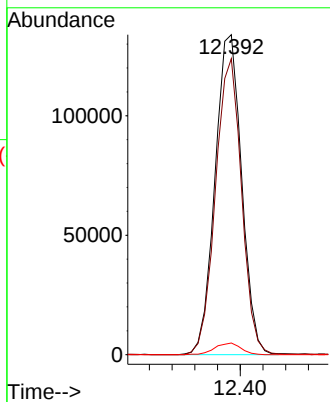
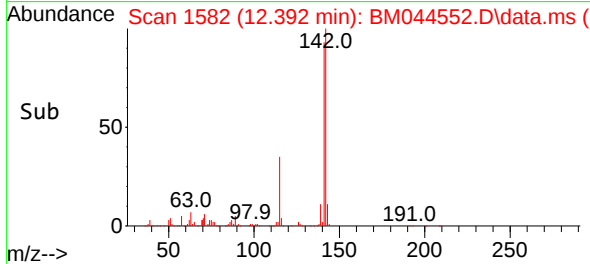
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



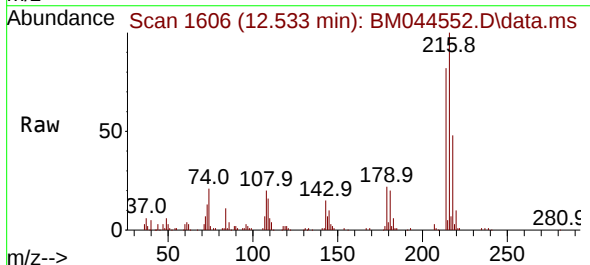
Tgt Ion:142 Resp: 218419
Ion Ratio Lower Upper
142 100
141 92.5 73.0 109.6
116 3.6 3.0 4.4

Manual Integrations
APPROVED

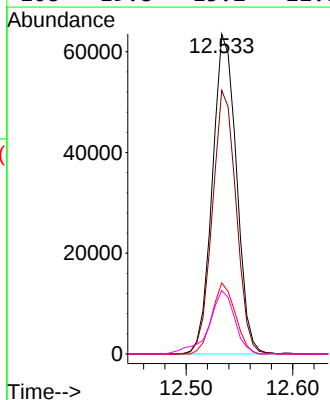
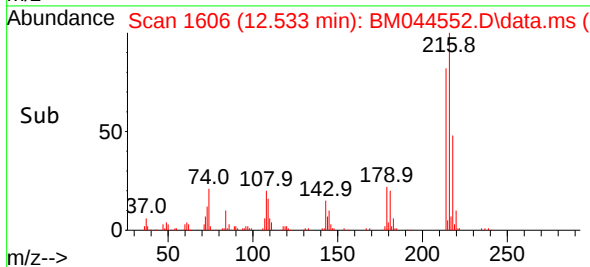
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

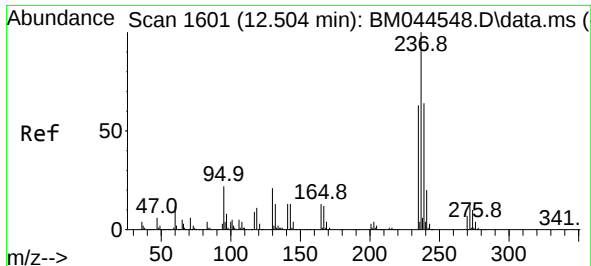


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.426 ng/ul
RT: 12.533 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



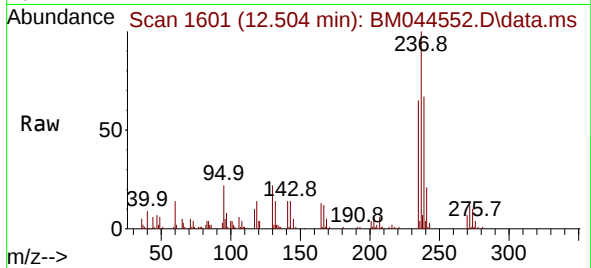
Tgt Ion:216 Resp: 99667
Ion Ratio Lower Upper
216 100
214 82.4 63.4 95.2
179 22.2 17.5 26.3
108 19.8 15.2 22.8





#40
Hexachlorocyclopentadiene
Concen: 3.644 ng/ul
RT: 12.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

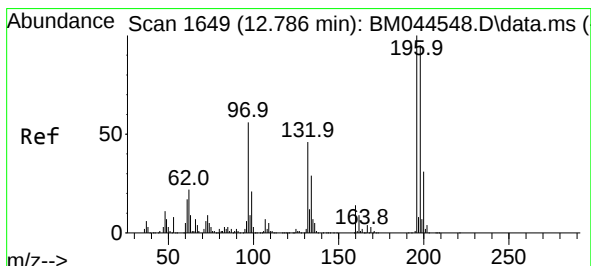
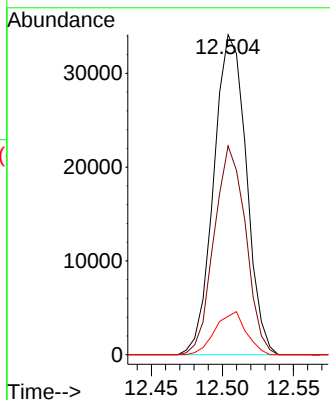
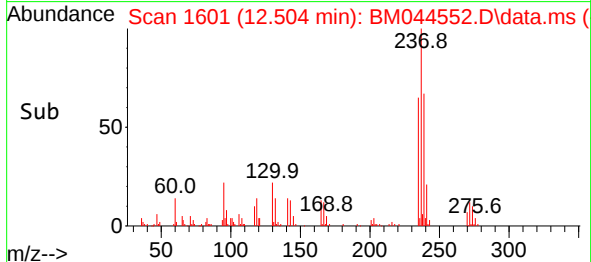
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:237 Resp: 54470
Ion Ratio Lower Upper
237 100
235 61.1 50.1 75.1
272 12.0 10.2 15.2

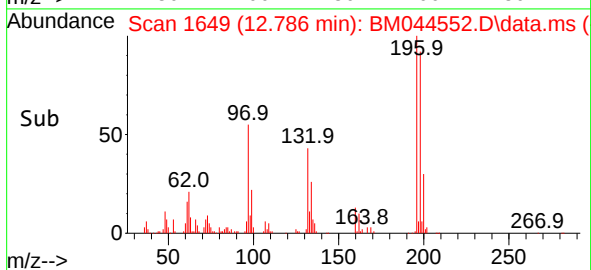
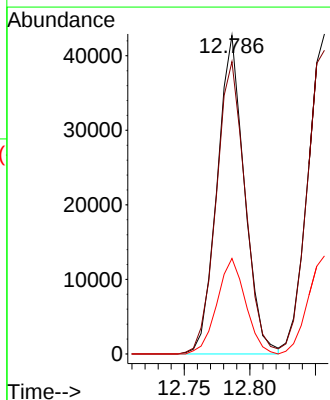
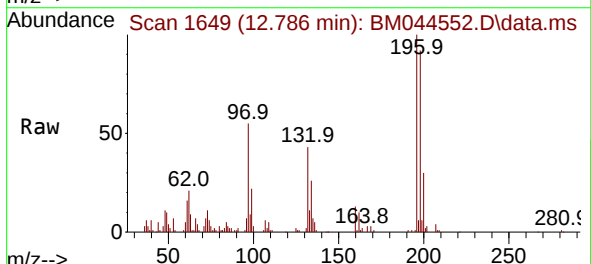
Manual Integrations
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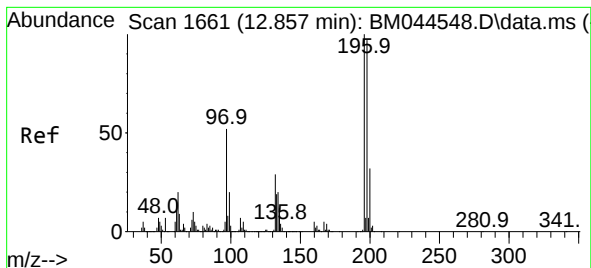
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#41
2,4,6-Trichlorophenol
Concen: 3.912 ng/ul
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

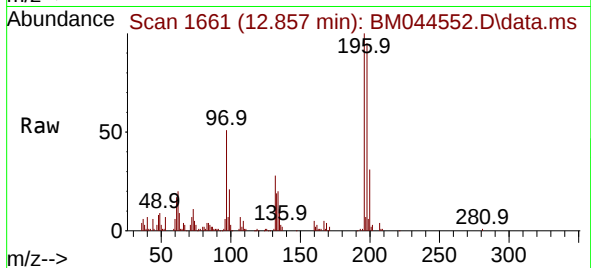
Tgt Ion:196 Resp: 61758
Ion Ratio Lower Upper
196 100
198 91.8 76.7 115.1
200 30.0 24.1 36.1





#42
2,4,5-Trichlorophenol
Concen: 3.869 ng/ul
RT: 12.857 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

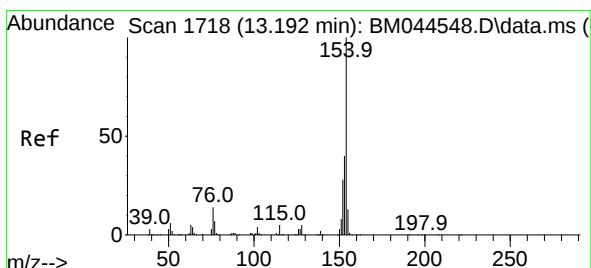
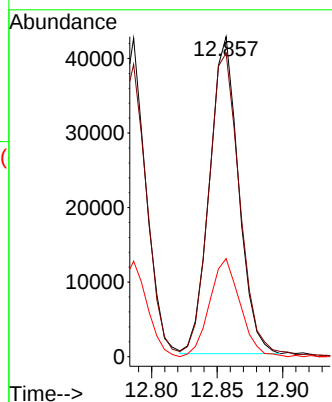
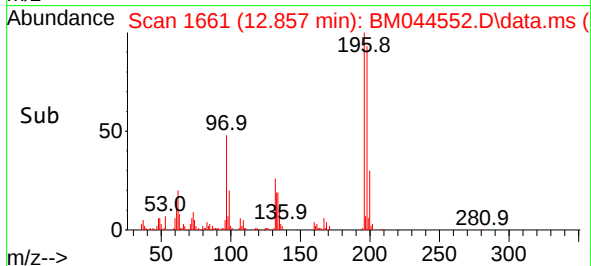
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



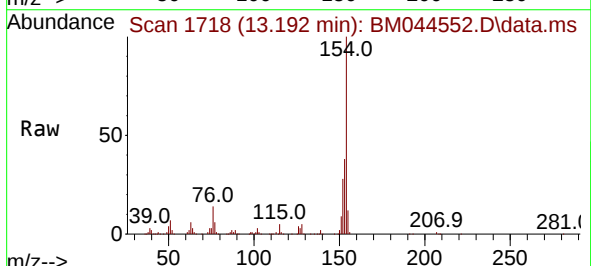
Tgt Ion:196 Resp: 65462
Ion Ratio Lower Upper
196 100
198 94.9 78.1 117.1
200 30.6 24.7 37.1

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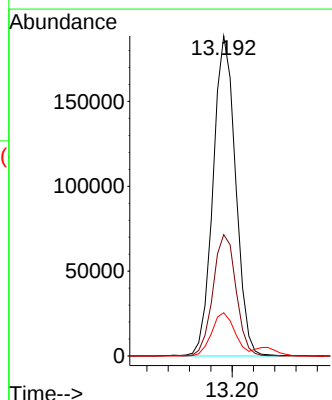
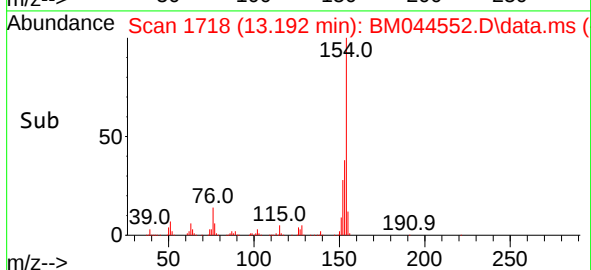
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

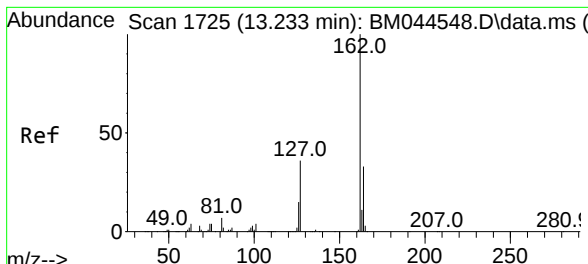


#43
1,1'-Biphenyl
Concen: 4.396 ng/ul
RT: 13.192 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



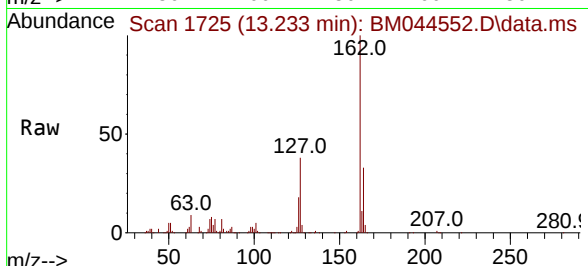
Tgt Ion:154 Resp: 276349
Ion Ratio Lower Upper
154 100
153 37.9 31.8 47.8
76 13.5 11.0 16.4





#44
 2-Chloronaphthalene
 Concen: 4.322 ng/ul
 RT: 13.233 min Scan# 1725
 Delta R.T. -0.006 min
 Lab File: BM044552.D
 Acq: 07 Mar 2024 15:53

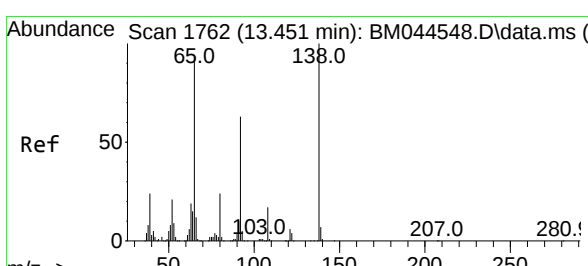
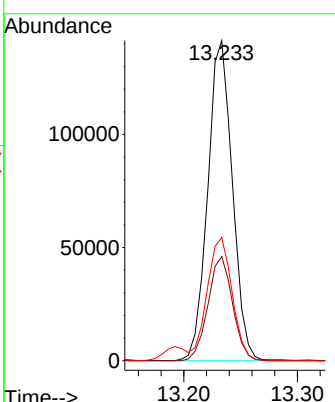
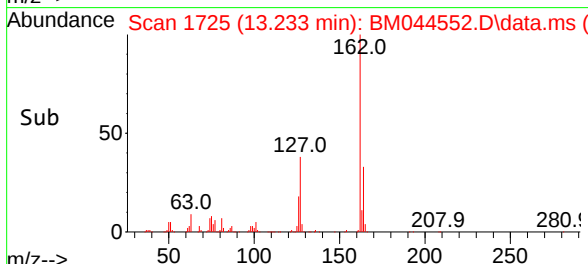
Instrument : BNA_M
 ClientSampleId : MDL-MED-SOIL-QT1-2024-01



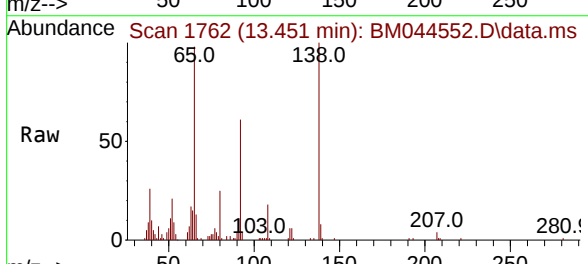
Tgt Ion: 162 Resp: 213190

Ion	Ratio	Lower	Upper
162	100		
164	32.5	25.6	38.4
127	38.5	31.4	47.0

Manual Integrations
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 Reviewed By :Yogesh Patel 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

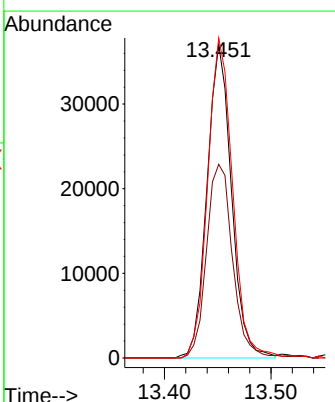
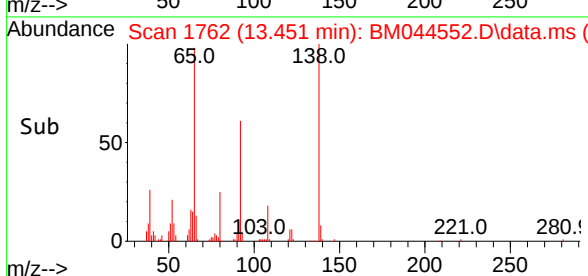


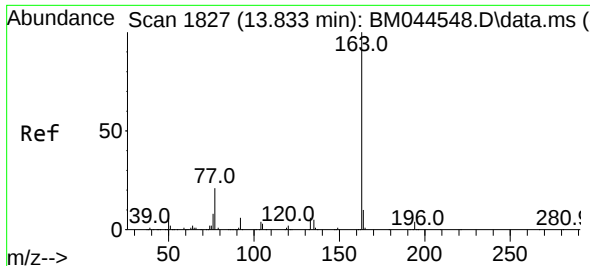
#45
 2-Nitroaniline
 Concen: 3.815 ng/ul
 RT: 13.451 min Scan# 1762
 Delta R.T. -0.006 min
 Lab File: BM044552.D
 Acq: 07 Mar 2024 15:53



Tgt Ion: 65 Resp: 59084

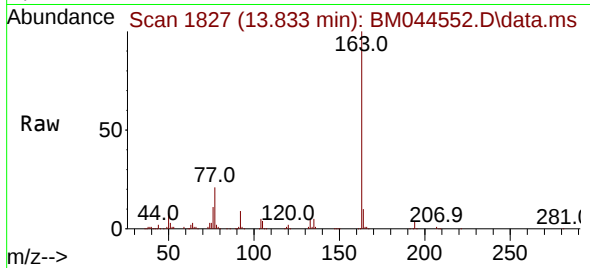
Ion	Ratio	Lower	Upper
65	100		
92	61.8	55.4	83.0
138	102.0	84.0	126.0





#47
Dimethylphthalate
Concen: 4.236 ng/ul
RT: 13.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

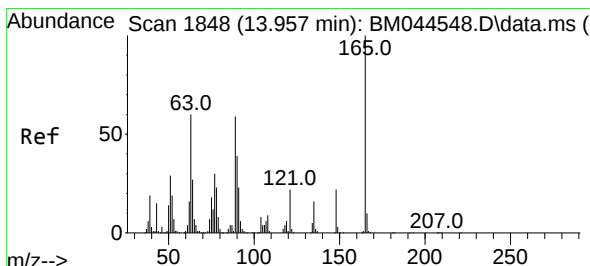
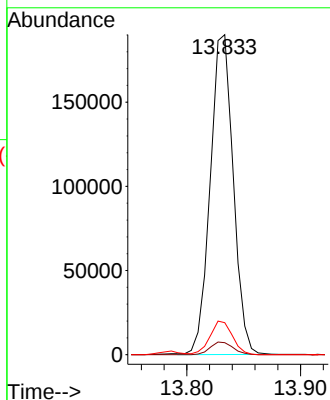
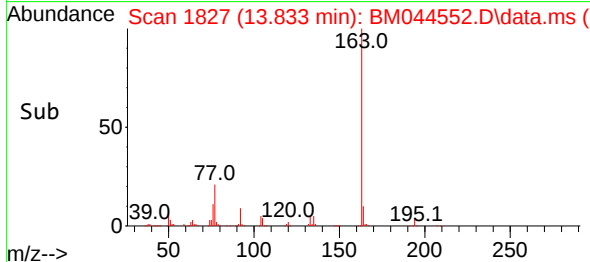
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



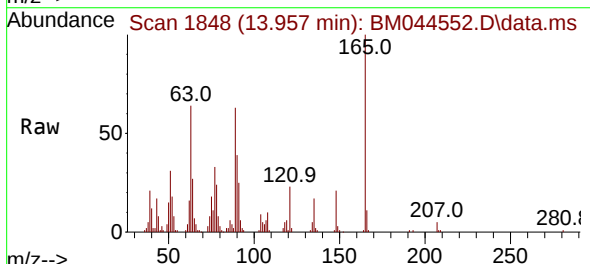
Tgt Ion:163 Resp: 267638
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.0 12.0

Manual Integrations
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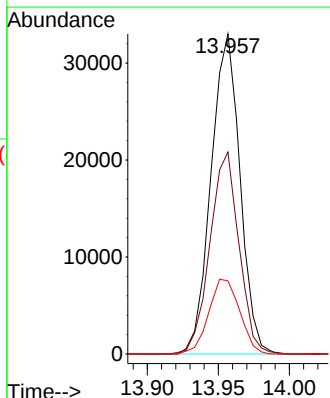
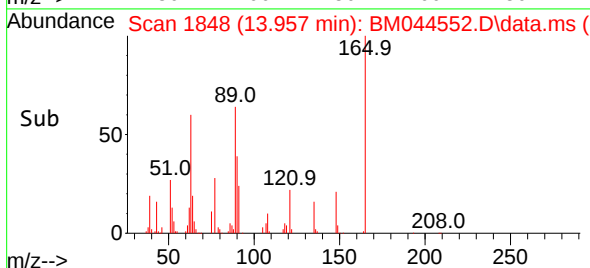
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

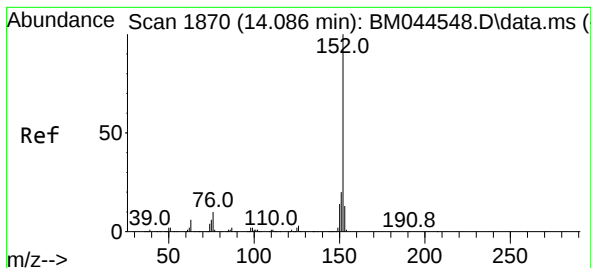


#48
2,6-Dinitrotoluene
Concen: 3.707 ng/ul
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



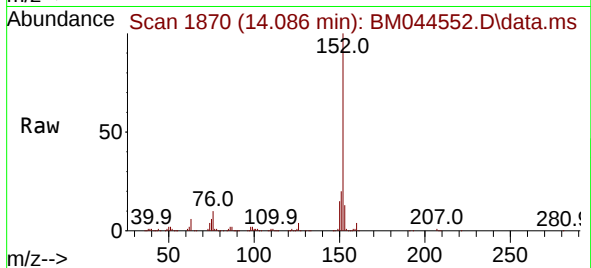
Tgt Ion:165 Resp: 46785
Ion Ratio Lower Upper
165 100
89 63.1 48.4 72.6
121 22.9 17.7 26.5





#50
Acenaphthylene
Concen: 4.365 ng/ul
RT: 14.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

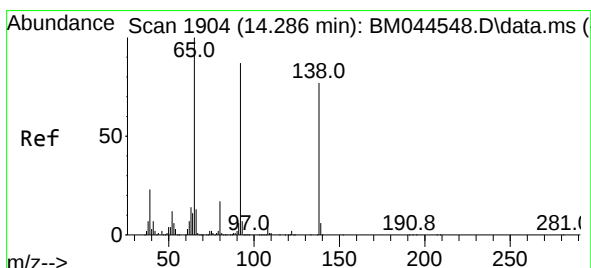
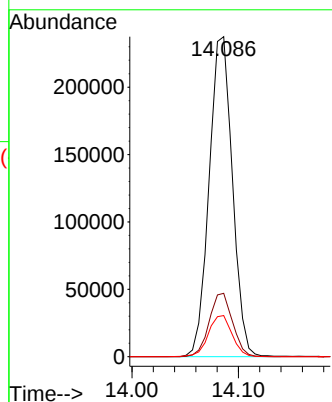
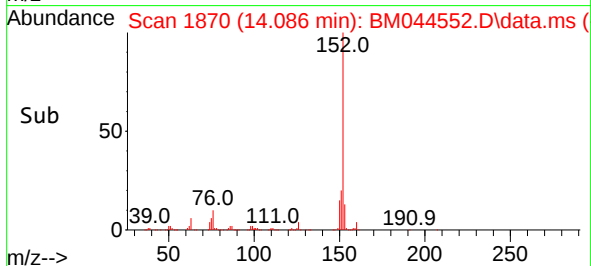
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



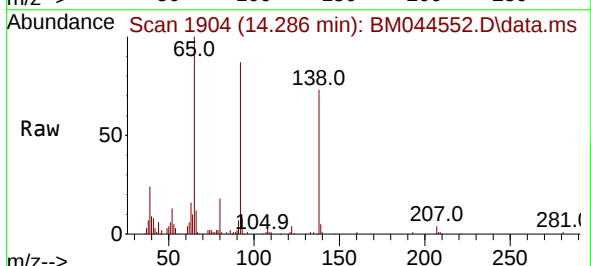
Tgt Ion:152 Resp: 361320
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 12.9 10.6 15.8

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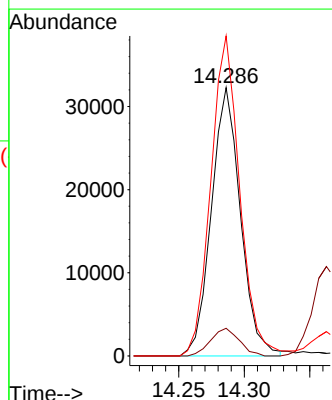
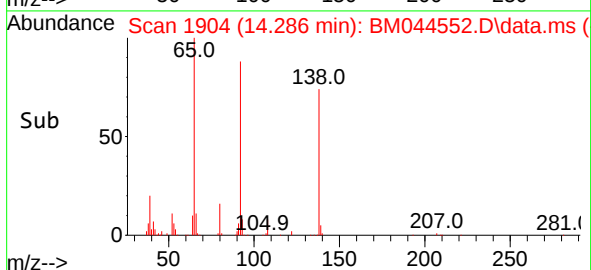
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

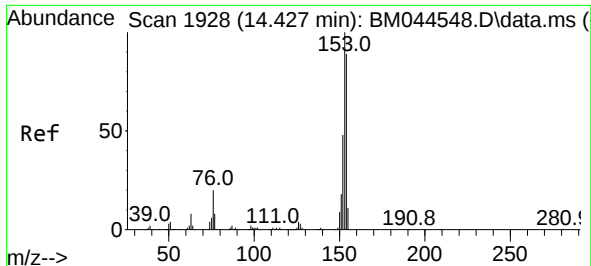


#51
3-Nitroaniline
Concen: 3.649 ng/ul
RT: 14.286 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



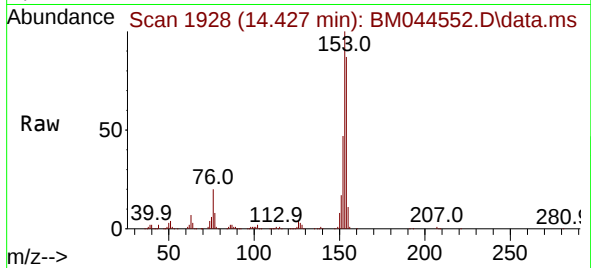
Tgt Ion:138 Resp: 49746
Ion Ratio Lower Upper
138 100
108 10.3 7.3 10.9
92 119.3 89.3 133.9





#52
Acenaphthene
Concen: 4.350 ng/ul
RT: 14.427 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

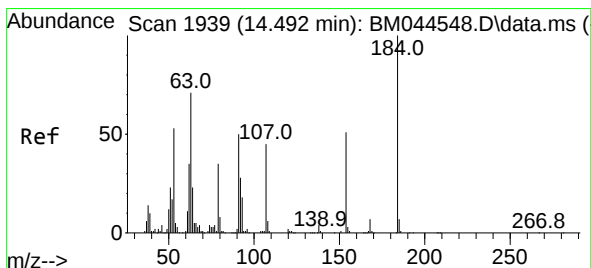
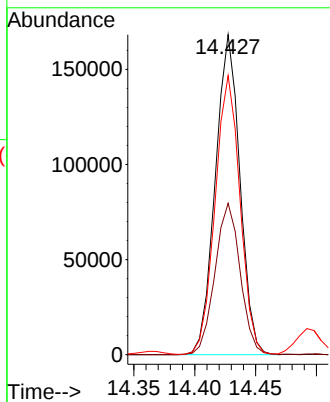
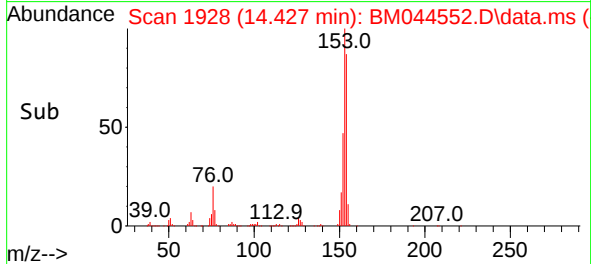
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



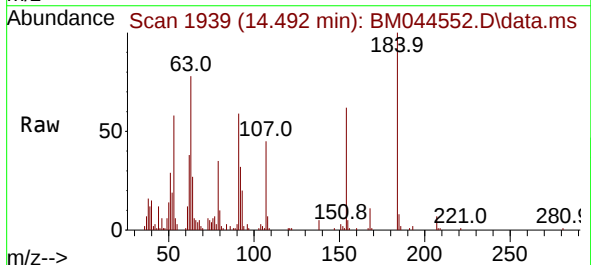
Tgt Ion:153 Resp: 23668
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.2
154 87.2 70.3 105.5

Manual Integrations
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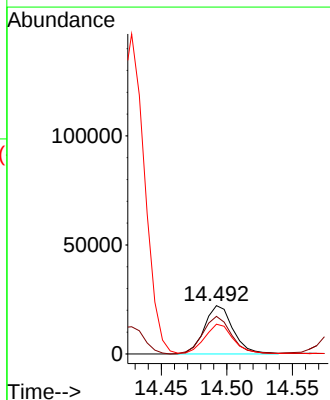
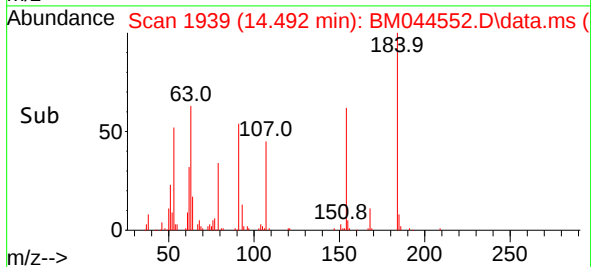
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

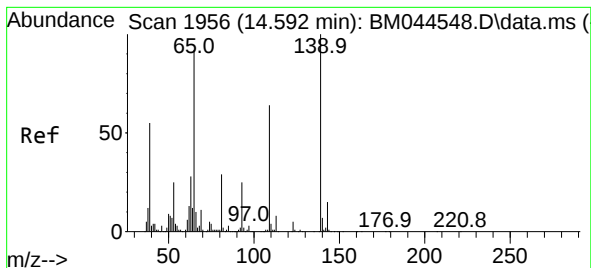


#53
2,4-Dinitrophenol
Concen: 4.186 ng/ul
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



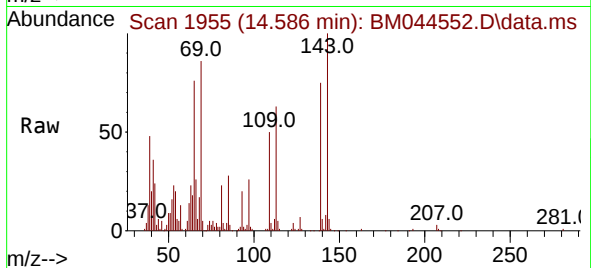
Tgt Ion:184 Resp: 33795
Ion Ratio Lower Upper
184 100
63 77.9 57.2 85.8
154 61.7 47.9 71.9





#55
4-Nitrophenol
Concen: 4.573 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

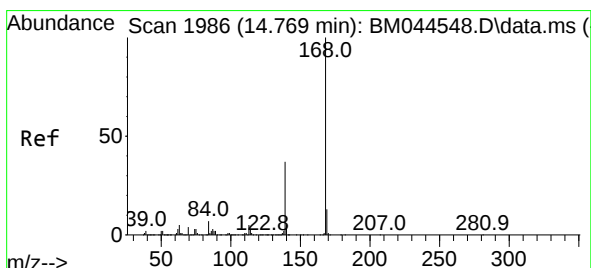
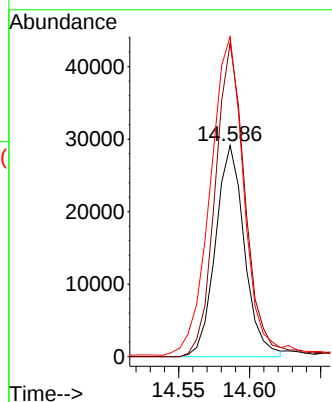
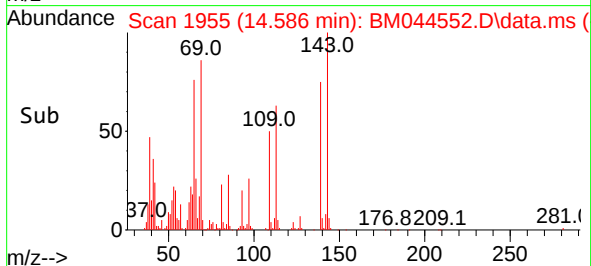
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:109 Resp: 4125
Ion Ratio Lower Upper
109 100
139 148.4 126.2 189.4
65 151.5 117.0 175.4

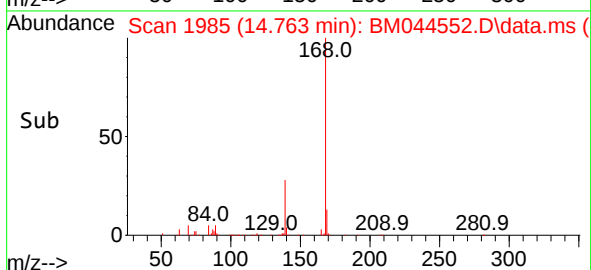
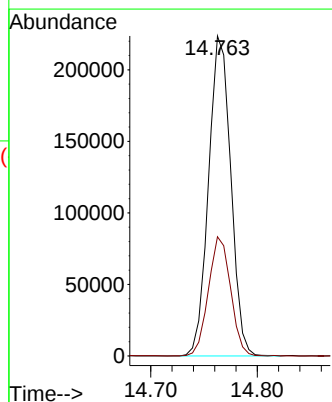
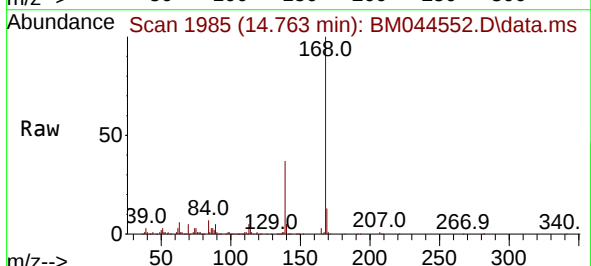
Manual Integrations
APPROVED

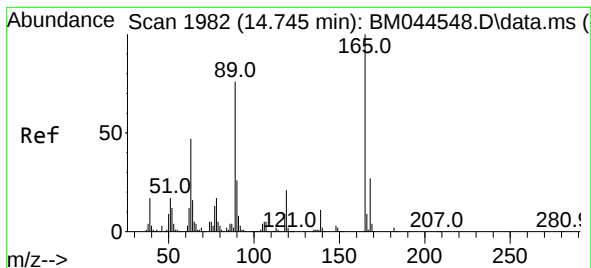
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#56
Dibenzofuran
Concen: 4.478 ng/ul
RT: 14.763 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

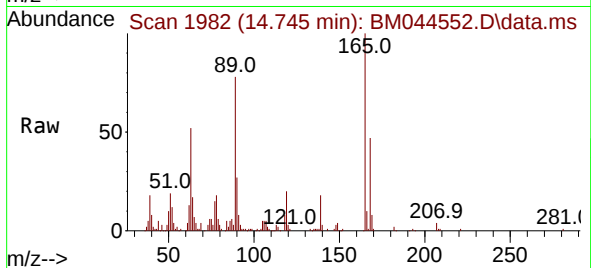
Tgt Ion:168 Resp: 324101
Ion Ratio Lower Upper
168 100
139 37.3 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 3.811 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

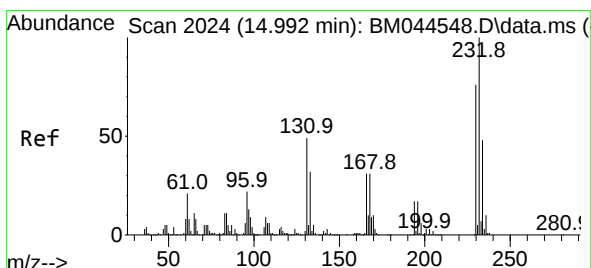
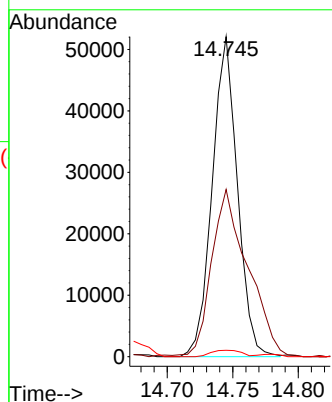
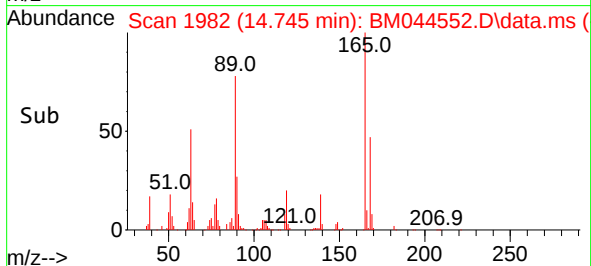
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



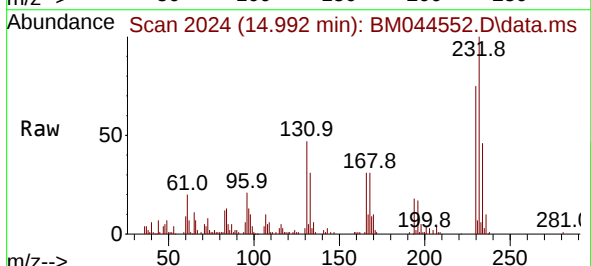
Tgt Ion:165 Resp: 69438
Ion Ratio Lower Upper
165 100
63 52.3 37.4 56.0
182 2.0 1.8 2.8

Manual Integrations
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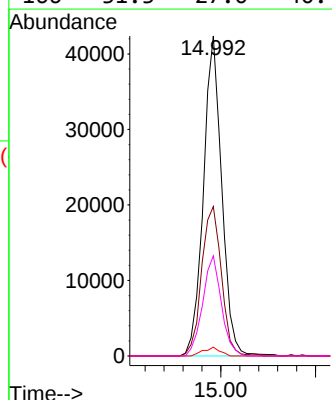
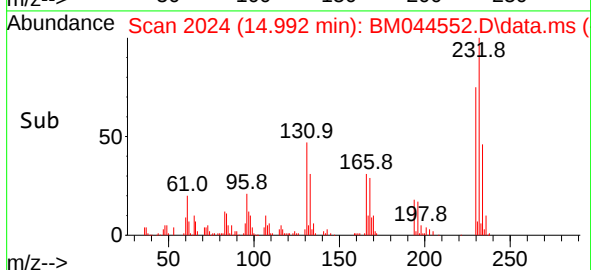
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

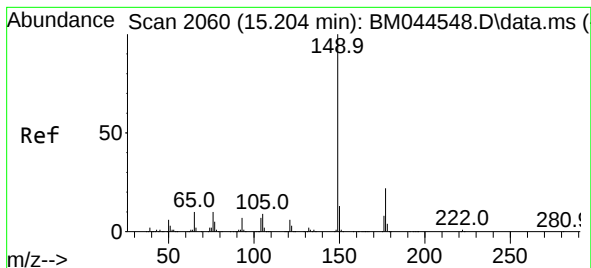


#58
2,3,4,6-Tetrachlorophenol
Concen: 4.075 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



Tgt Ion:232 Resp: 57062
Ion Ratio Lower Upper
232 100
131 46.7 40.6 61.0
130 2.7 2.2 3.4
166 31.3 27.0 40.4





#59

Diethylphthalate

Concen: 4.046 ng/ul

RT: 15.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BM044552.D

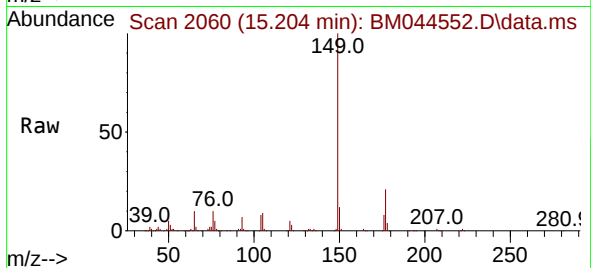
Acq: 07 Mar 2024 15:53

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01



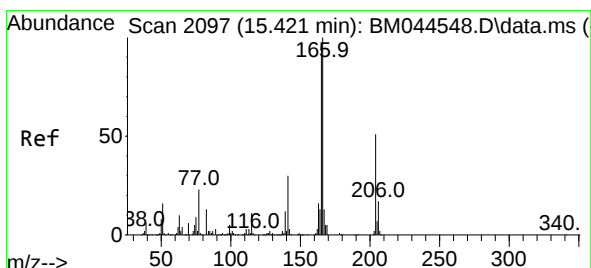
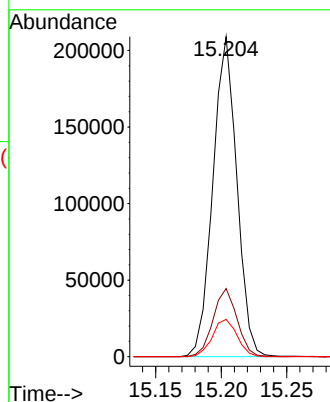
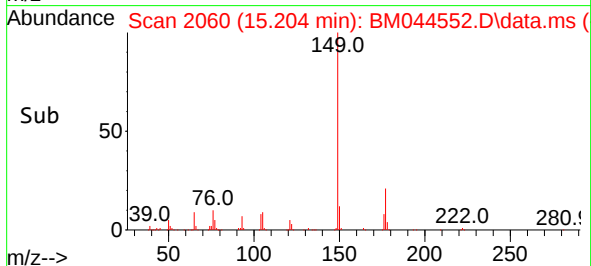
Tgt Ion:	149	Resp:	26533
Ion Ratio	Lower	Upper	
149	100		
177	21.3	16.6	24.8
150	11.6	9.9	14.9

Manual Integrations

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Reviewed By :Yogesh Patel 03/08/2024

Supervised By :mohammad ahmed 03/09/2024



#61

Fluorene

Concen: 4.506 ng/ul

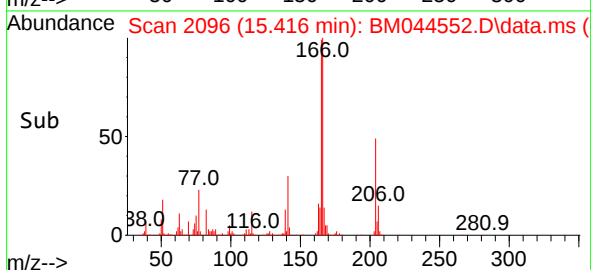
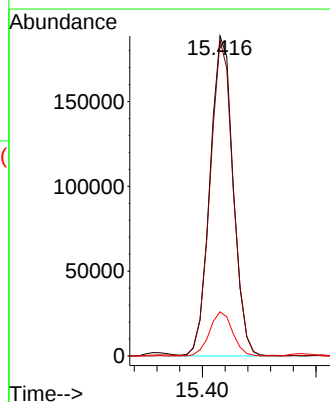
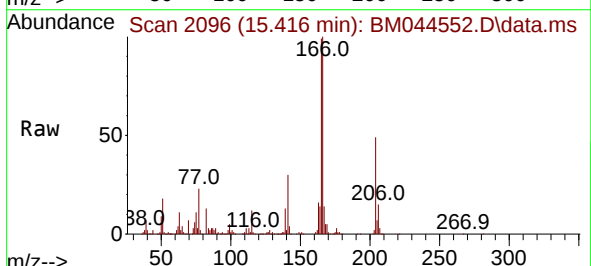
RT: 15.416 min Scan# 2096

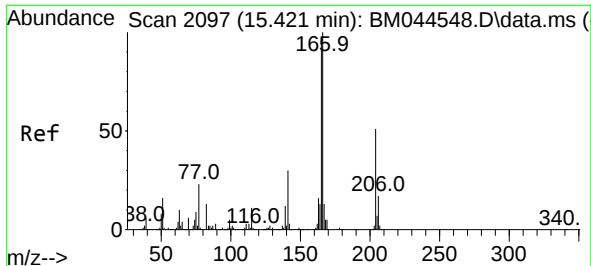
Delta R.T. -0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

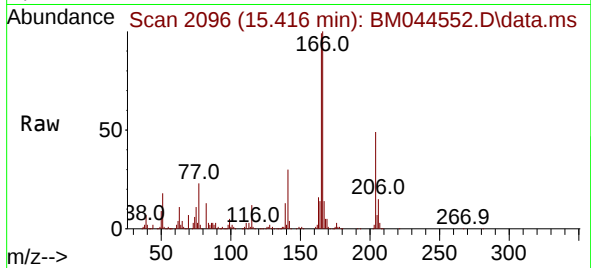
Tgt Ion:	166	Resp:	266732
Ion Ratio	Lower	Upper	
166	100		
165	98.6	77.3	115.9
167	13.8	10.6	16.0





#62
4-Chlorophenyl-phenylether
Concen: 4.606 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

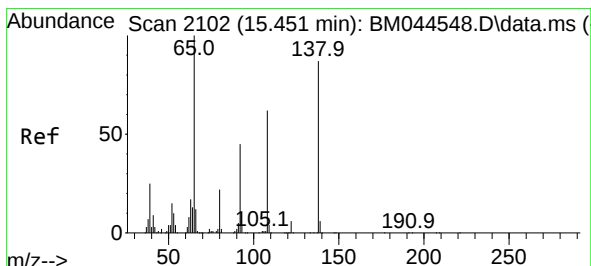
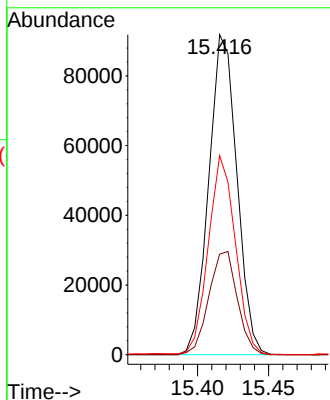
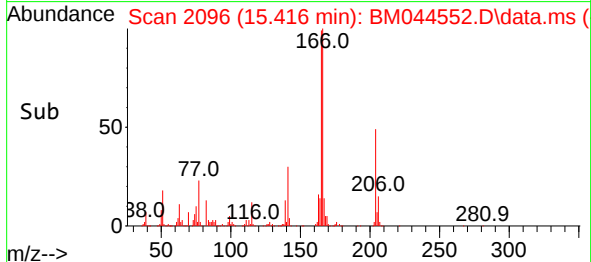
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:204 Resp: 126540
Ion Ratio Lower Upper
204 100
206 31.4 26.1 39.1
141 62.2 50.3 75.5

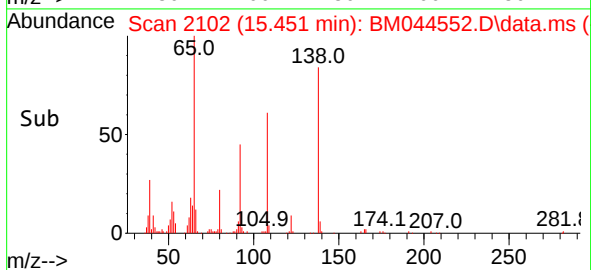
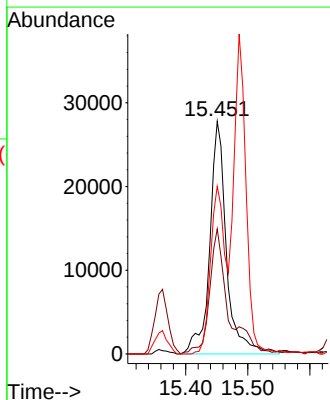
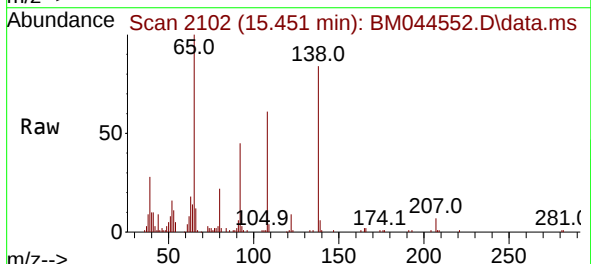
Manual Integrations
APPROVED

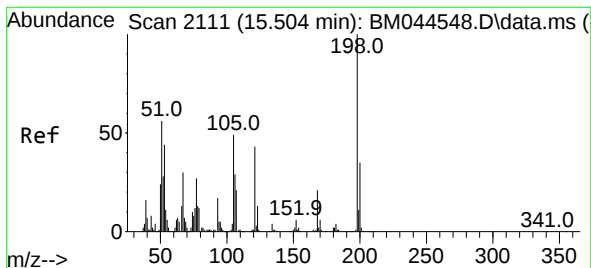
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#63
4-Nitroaniline
Concen: 4.012 ng/ul m
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

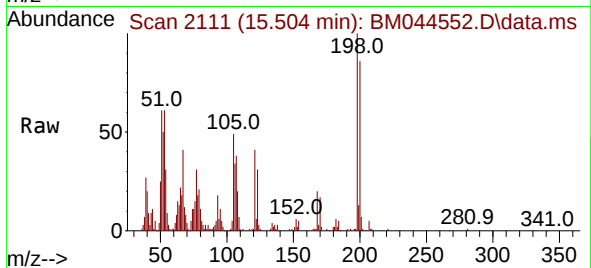
Tgt Ion:138 Resp: 52270
Ion Ratio Lower Upper
138 100
92 53.7 39.8 59.8
108 72.0 54.6 82.0





#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.489 ng/ul
 RT: 15.504 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: BM044552.D
 Acq: 07 Mar 2024 15:53

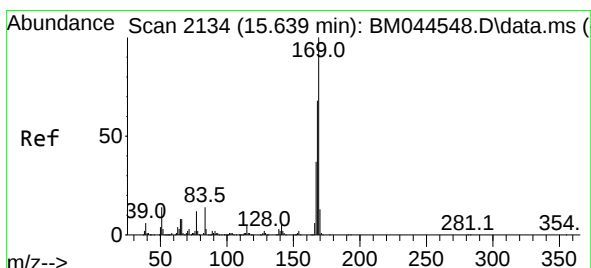
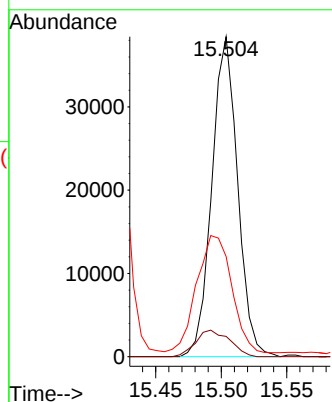
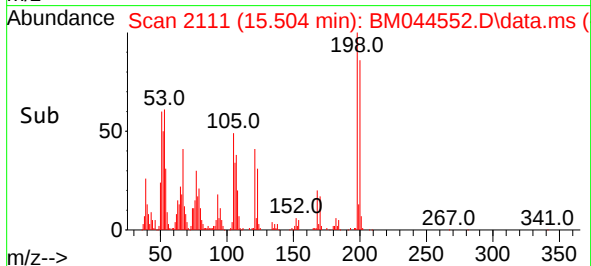
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT1-2024-01



Tgt Ion:198 Resp: 5253
 Ion Ratio Lower Upper
 198 100
 182 6.3 3.3 4.9
 77 31.3 21.0 31.4

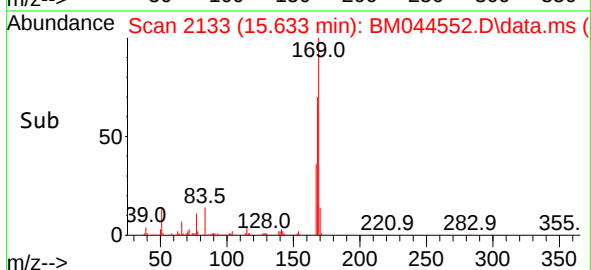
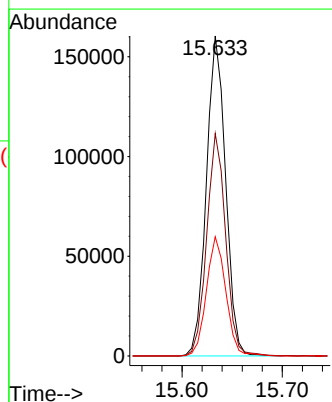
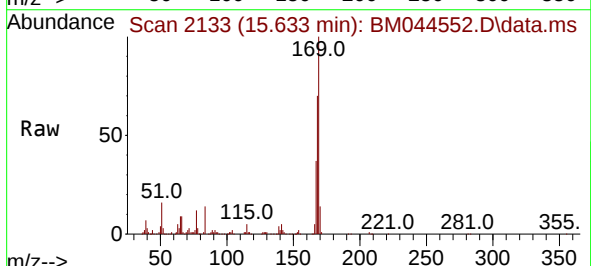
Manual Integrations
 APPROVED

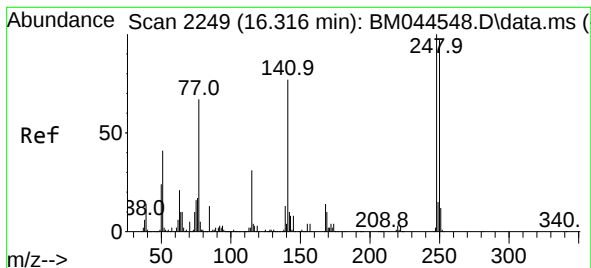
Reviewed By :Yogesh Patel 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024



#67
 N-Nitrosodiphenylamine
 Concen: 4.211 ng/ul
 RT: 15.633 min Scan# 2133
 Delta R.T. -0.006 min
 Lab File: BM044552.D
 Acq: 07 Mar 2024 15:53

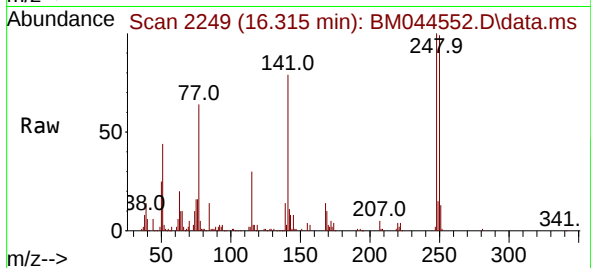
Tgt Ion:169 Resp: 213961
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.3 81.5
 167 37.3 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 4.394 ng/ul
RT: 16.315 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

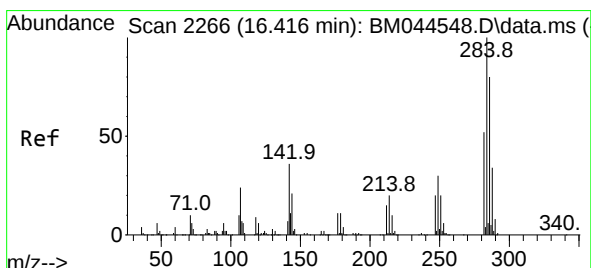
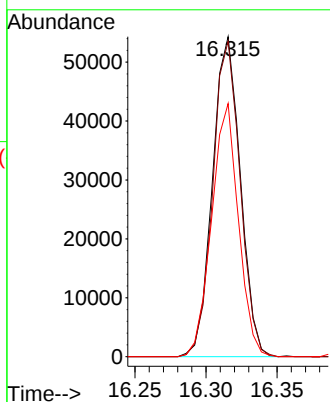
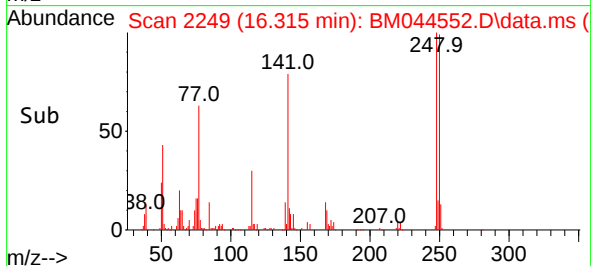
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



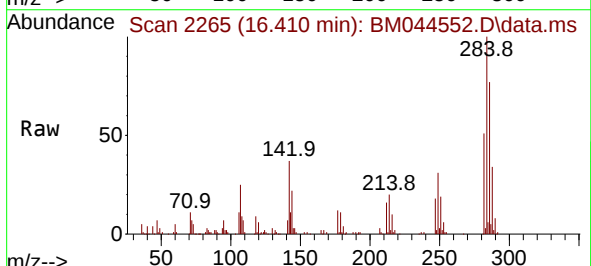
Tgt Ion:248 Resp: 7415
Ion Ratio Lower Upper
248 100
250 98.5 78.7 118.1
141 79.1 65.4 98.2

Manual Integrations
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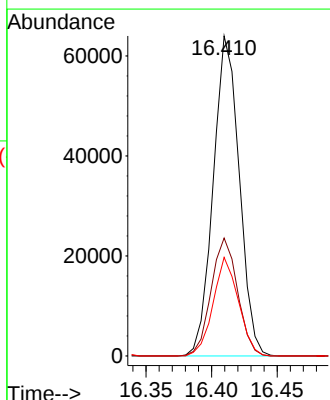
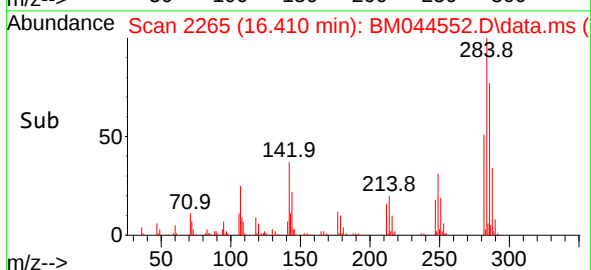
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

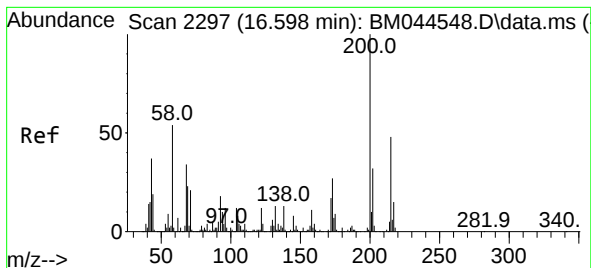


#69
Hexachlorobenzene
Concen: 4.593 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



Tgt Ion:284 Resp: 88281
Ion Ratio Lower Upper
284 100
142 34.7 33.7 50.5
249 29.0 24.8 37.2





#70

Atrazine

Concen: 4.906 ng/ul

RT: 16.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

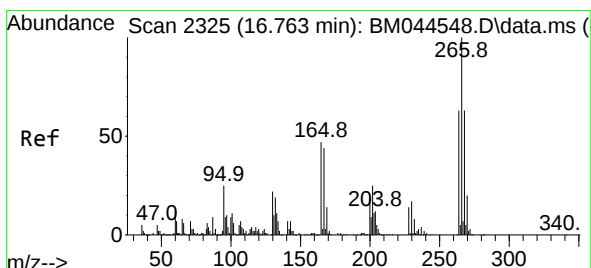
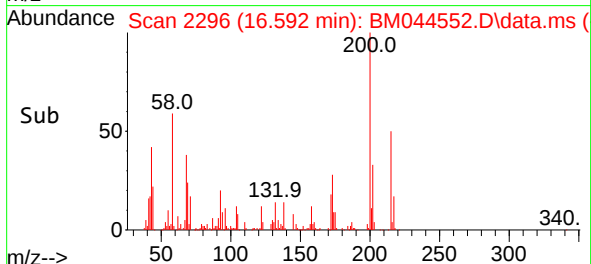
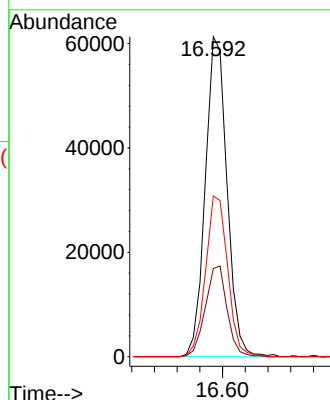
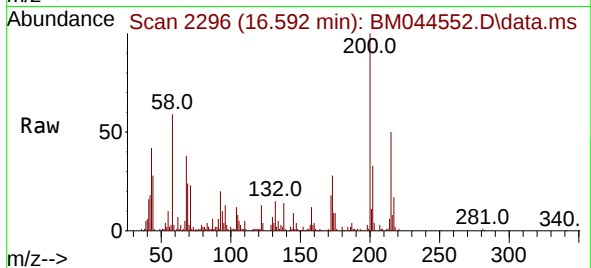
Tgt Ion:	200	Resp:	8147
Ion Ratio	Lower	Upper	
200	100		
173	27.6	22.4	33.6
215	50.2	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/08/2024

Supervised By :mohammad ahmed 03/09/2024



#71

Pentachlorophenol

Concen: 4.636 ng/ul

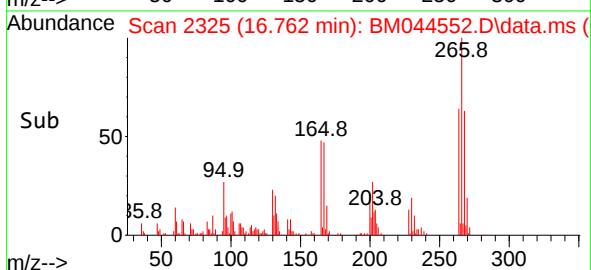
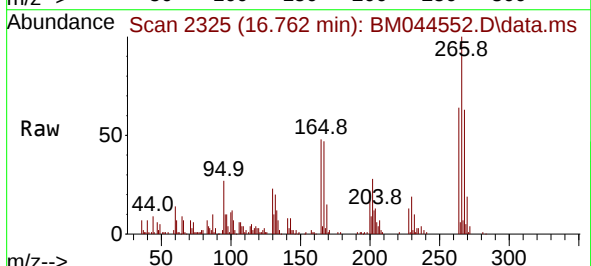
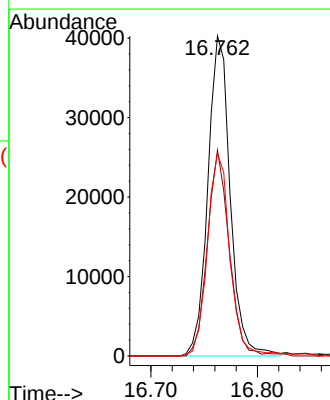
RT: 16.762 min Scan# 2325

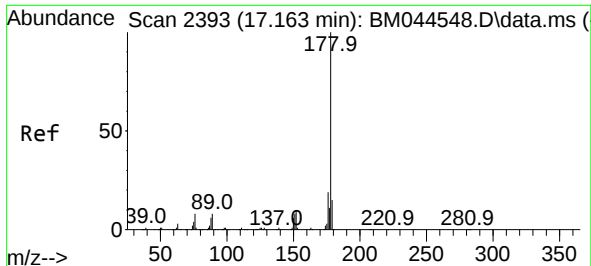
Delta R.T. -0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

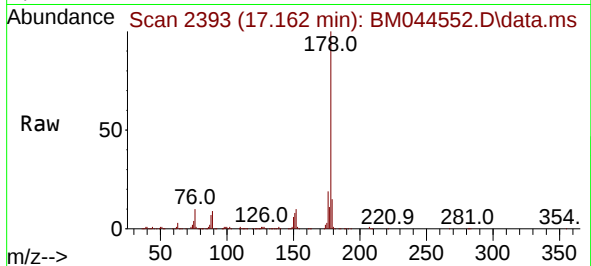
Tgt Ion:	266	Resp:	58848
Ion Ratio	Lower	Upper	
266	100		
264	64.4	51.0	76.4
268	63.2	52.6	78.8





#72
Phenanthrene
Concen: 4.306 ng/ul
RT: 17.162 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

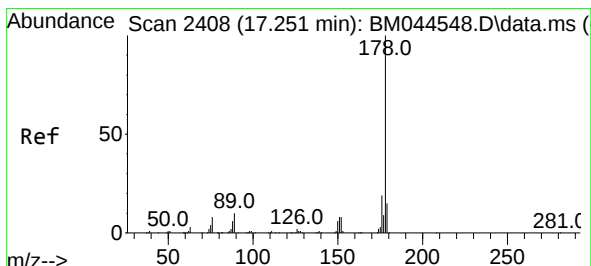
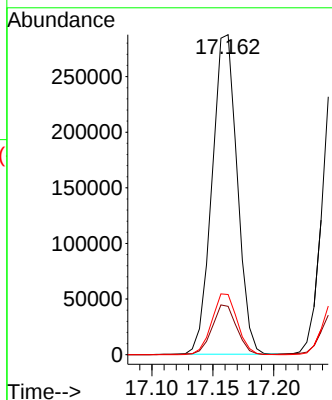
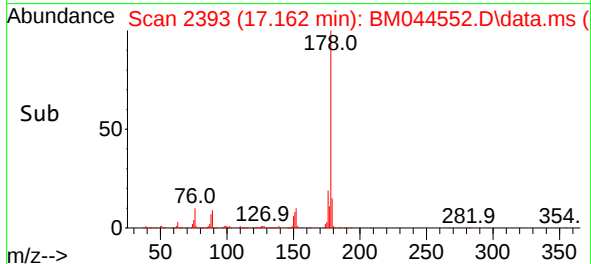
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



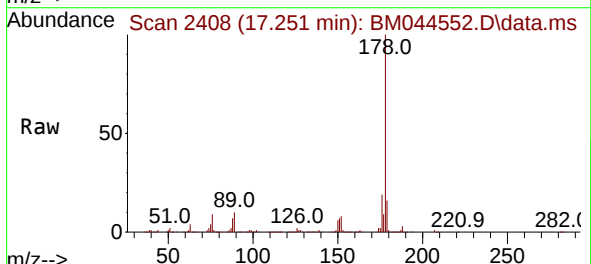
Tgt Ion:178 Resp: 41210
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 18.8 15.4 23.2

Manual Integrations
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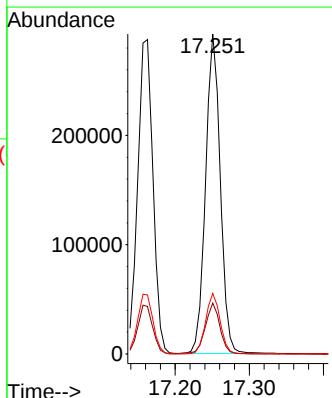
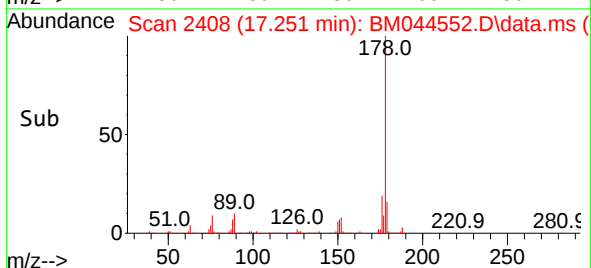
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

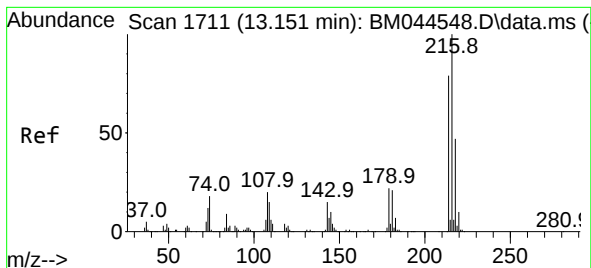


#74
Anthracene
Concen: 4.162 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



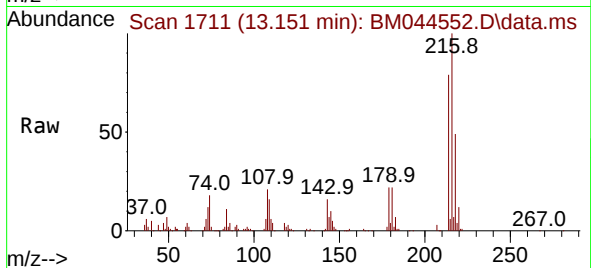
Tgt Ion:178 Resp: 402841
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 18.9 15.0 22.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.282 ng/uL
RT: 13.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

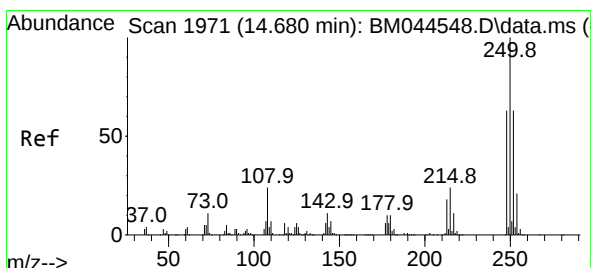
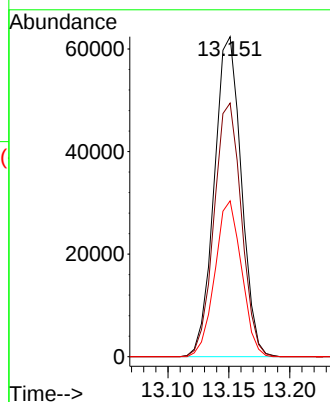
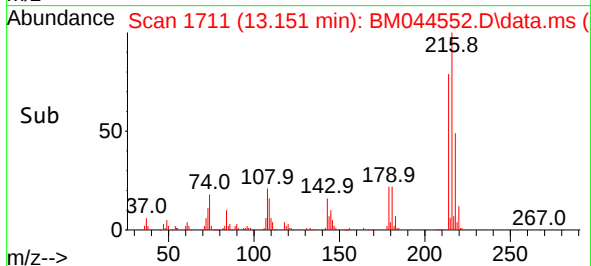
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:216 Resp: 9649
Ion Ratio Lower Upper
216 100
214 79.2 62.9 94.3
218 48.7 38.6 57.8

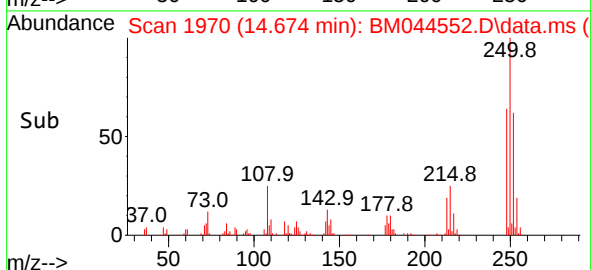
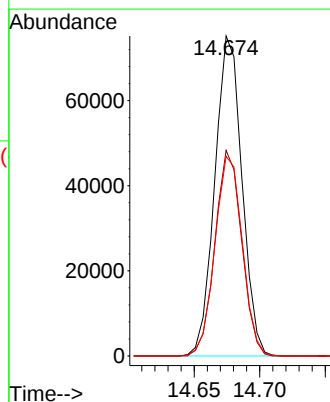
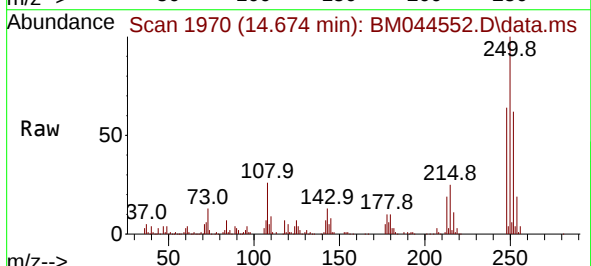
Manual Integrations
APPROVED

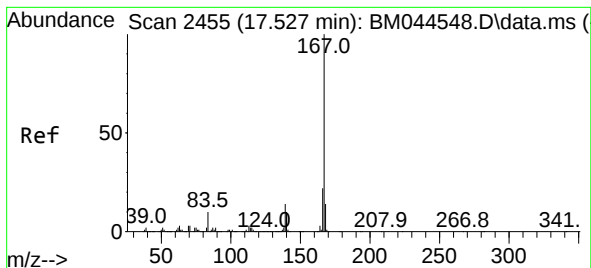
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#76
Pentachlorobenzene
Concen: 4.964 ng/uL
RT: 14.674 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

Tgt Ion:250 Resp: 108150
Ion Ratio Lower Upper
250 100
248 64.2 50.1 75.1
252 62.4 50.6 75.8





#77

Carbazole

Concen: 4.118 ng/ul

RT: 17.527 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BM044552.D

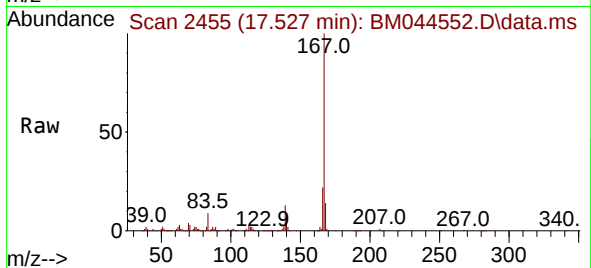
Acq: 07 Mar 2024 15:53

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01



Tgt Ion:167 Resp: 374558

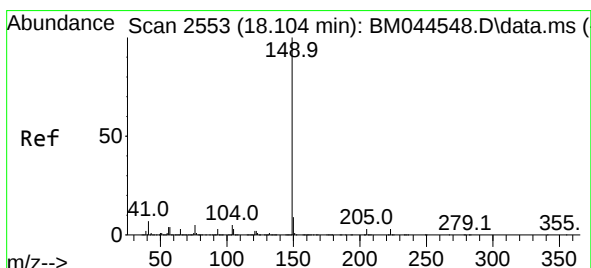
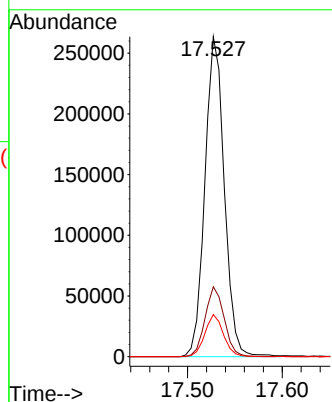
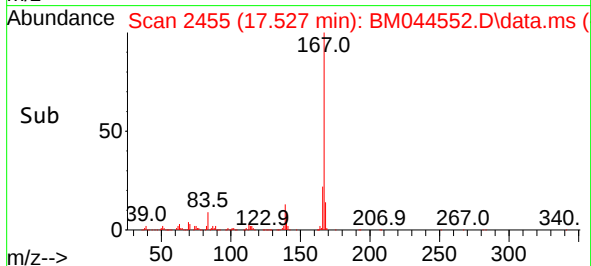
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.1	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/08/2024

Supervised By :mohammad ahmed 03/09/2024



#78

Di-n-butylphthalate

Concen: 3.595 ng/ul

RT: 18.098 min Scan# 2552

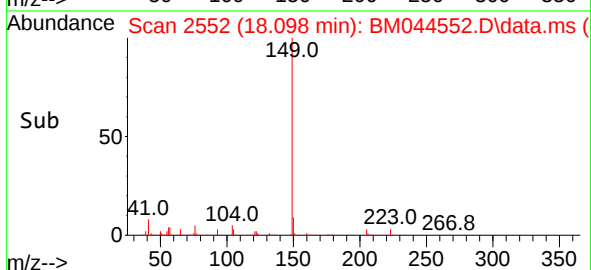
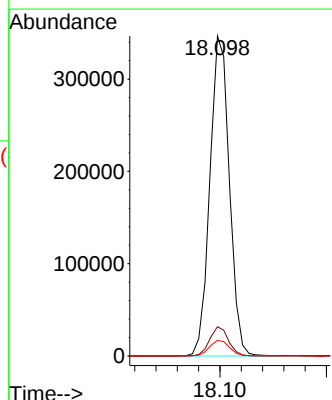
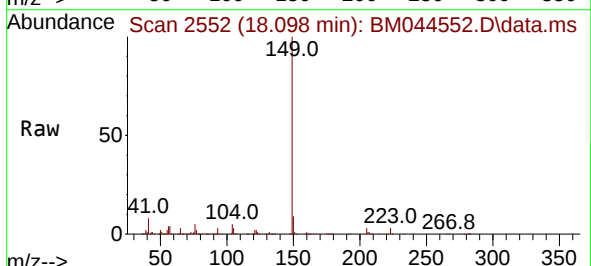
Delta R.T. -0.006 min

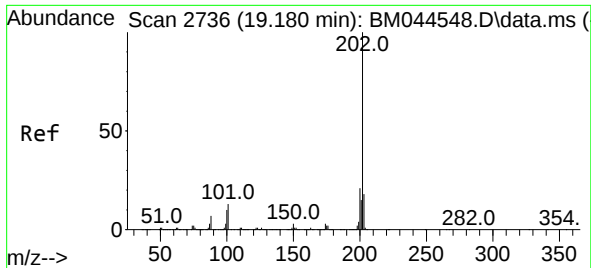
Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Tgt Ion:149 Resp: 439819

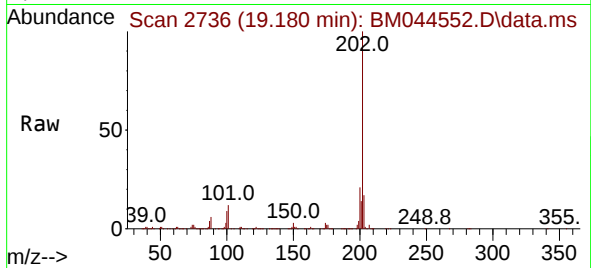
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.8	3.8	5.6





#80
Fluoranthene
Concen: 4.138 ng/ul
RT: 19.180 min Scan# 2736
Delta R.T. 0.000 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

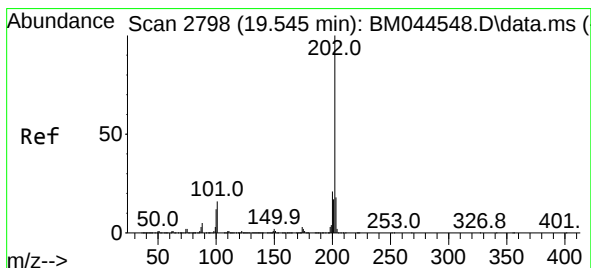
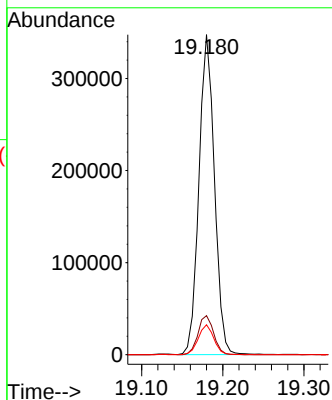
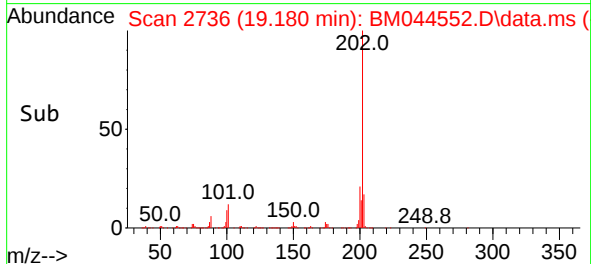
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



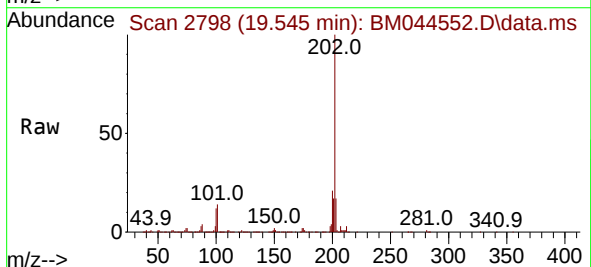
Tgt Ion:202 Resp: 460730
Ion Ratio Lower Upper
202 100
101 12.2 10.7 16.1
100 9.3 8.2 12.2

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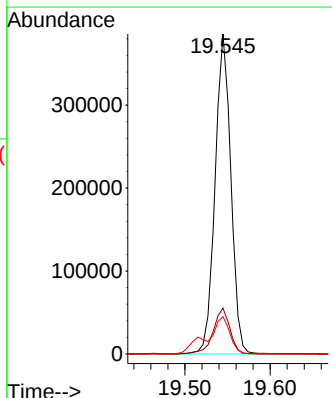
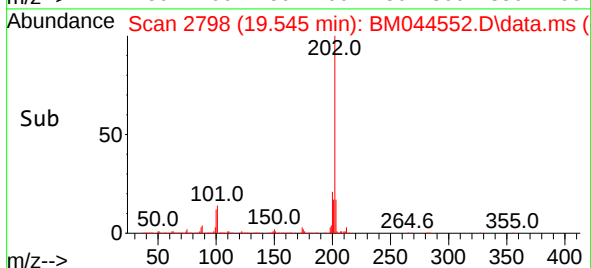
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

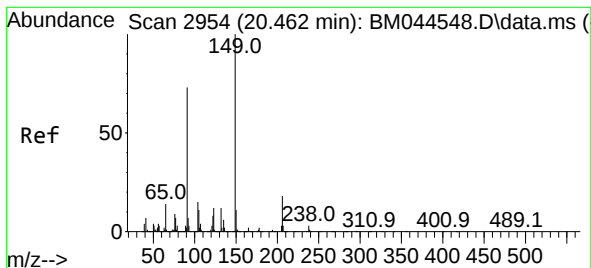


#82
Pyrene
Concen: 4.287 ng/ul
RT: 19.545 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53



Tgt Ion:202 Resp: 496848
Ion Ratio Lower Upper
202 100
101 14.3 12.5 18.7
100 11.6 10.0 15.0





#83

Butylbenzylphthalate

Concen: 3.137 ng/ul

RT: 20.462 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

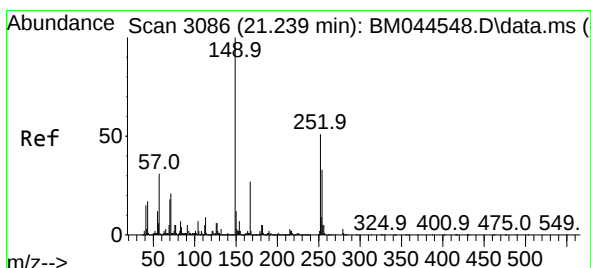
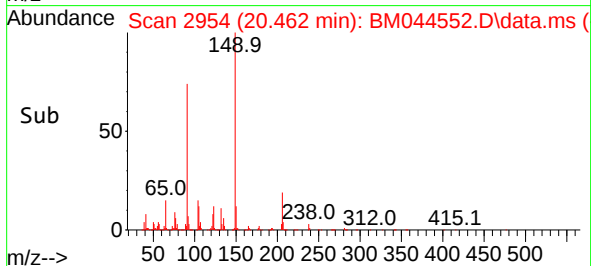
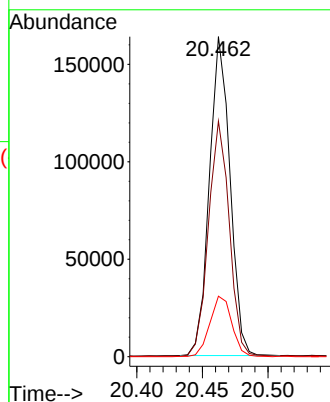
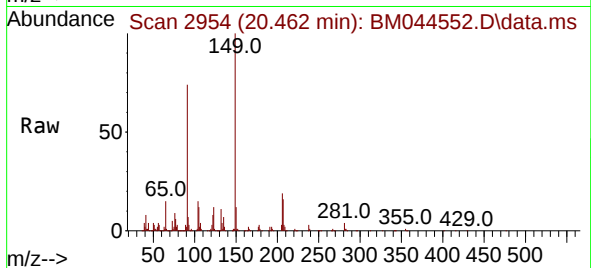
Tgt Ion:	149	Resp:	178759
Ion Ratio	Lower	Upper	
149	100		
91	73.6	55.9	83.9
206	18.9	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/08/2024

Supervised By :mohammad ahmed 03/09/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.719 ng/ul

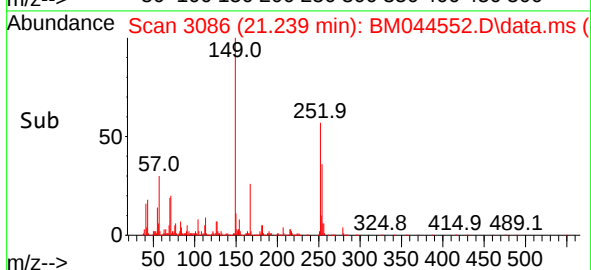
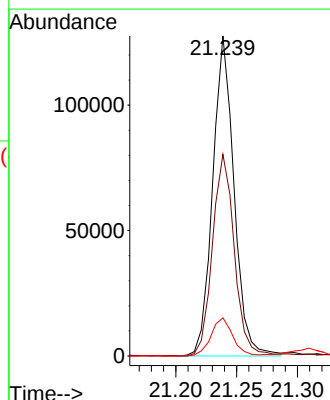
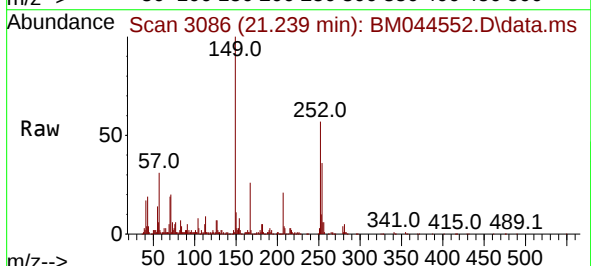
RT: 21.239 min Scan# 3086

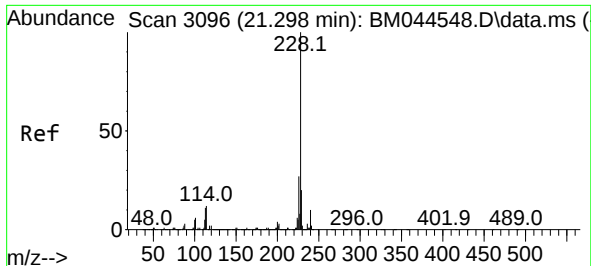
Delta R.T. 0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

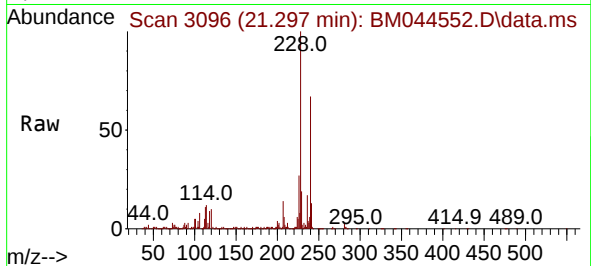
Tgt Ion:	252	Resp:	155597
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.6	77.4
126	11.9	11.1	16.7





#85
Benzo(a)anthracene
Concen: 4.033 ng/ul
RT: 21.297 min Scan# 3096
Delta R.T. 0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

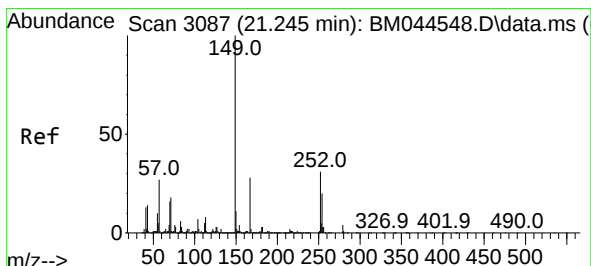
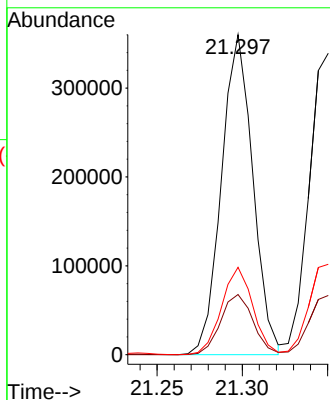
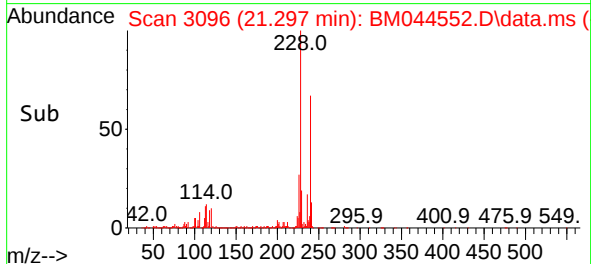
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:228 Resp: 461679
Ion Ratio Lower Upper
228 100
229 18.8 15.8 23.8
226 27.3 21.8 32.6

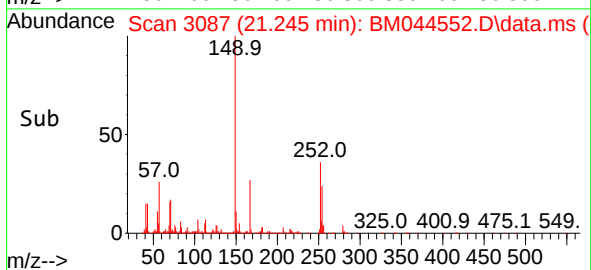
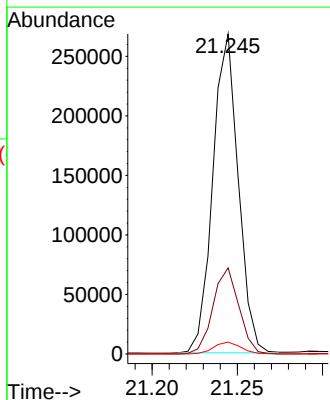
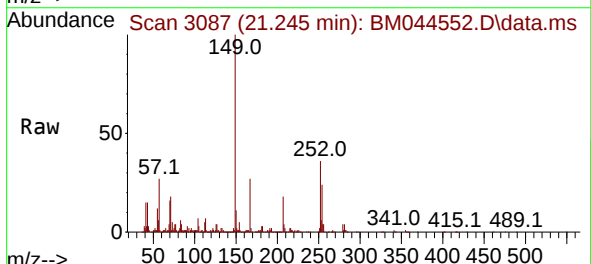
Manual Integrations
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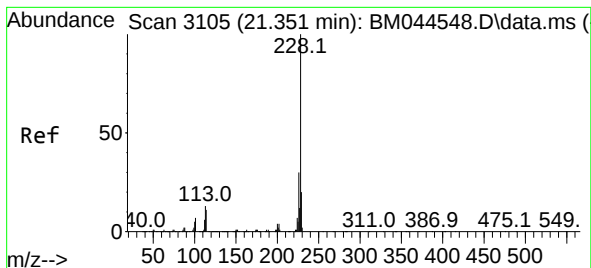
Reviewed By :Yogesh Patel 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.352 ng/ul
RT: 21.245 min Scan# 3087
Delta R.T. 0.006 min
Lab File: BM044552.D
Acq: 07 Mar 2024 15:53

Tgt Ion:149 Resp: 278547
Ion Ratio Lower Upper
149 100
167 26.9 22.1 33.1
279 3.7 2.6 4.0





#87

Chrysene

Concen: 4.114 ng/ul

RT: 21.350 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

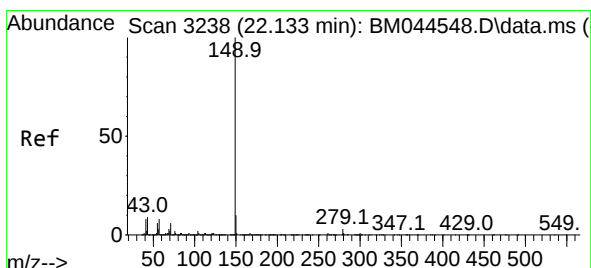
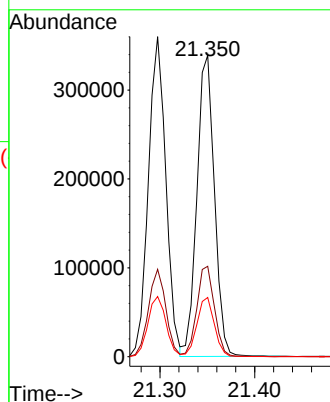
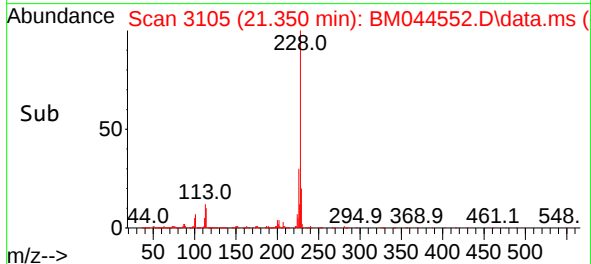
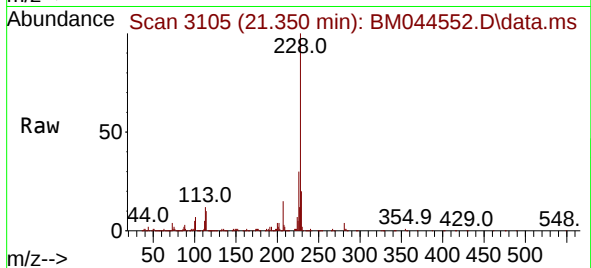
Tgt Ion:228 Resp: 435975
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.9 35.9
 229 19.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/08/2024

Supervised By :mohammad ahmed 03/09/2024



#89

Di-n-octyl phthalate

Concen: 3.588 ng/ul

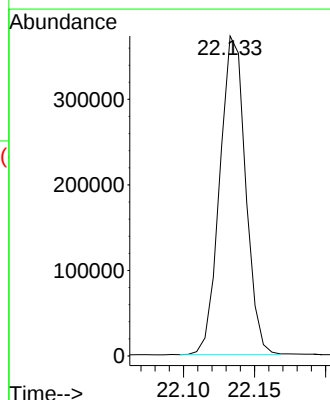
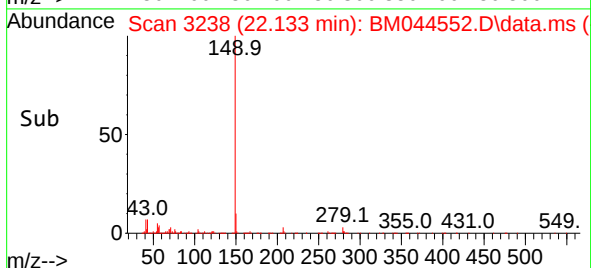
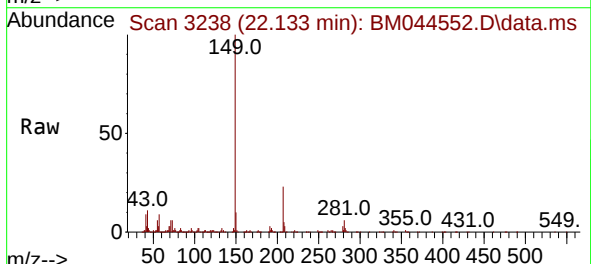
RT: 22.133 min Scan# 3238

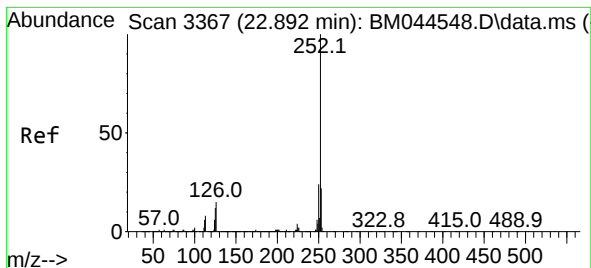
Delta R.T. 0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Tgt Ion:149 Resp: 470438





#90

Benzo(b)fluoranthene

Concen: 4.174 ng/ul

RT: 22.892 min Scan# 3367

Delta R.T. 0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

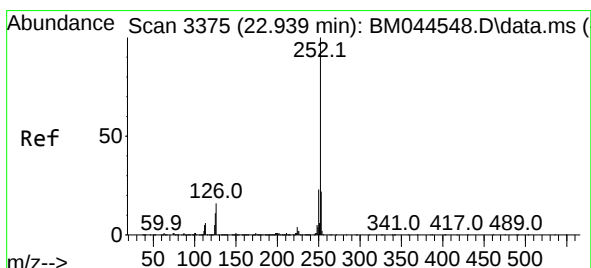
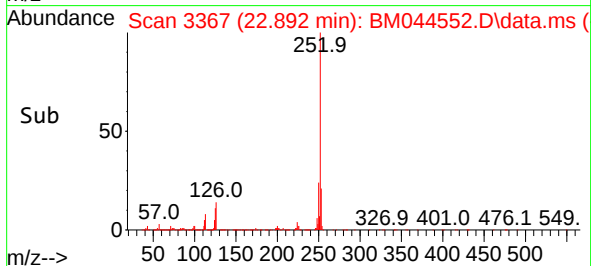
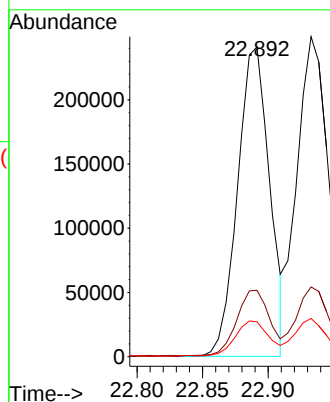
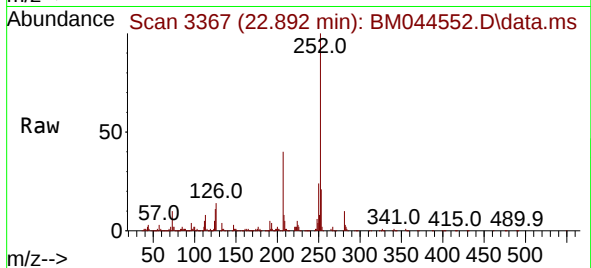
Tgt Ion:	252	Resp:	409140
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.7	26.5
125	11.3	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/08/2024

Supervised By :mohammad ahmed 03/09/2024



#91

Benzo(k)fluoranthene

Concen: 4.413 ng/ul

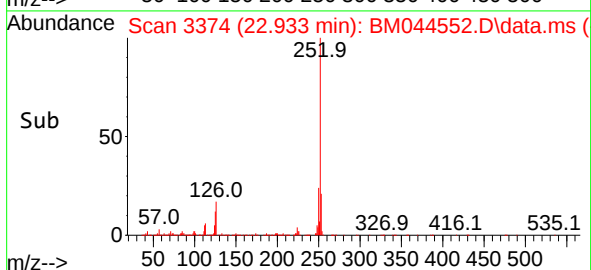
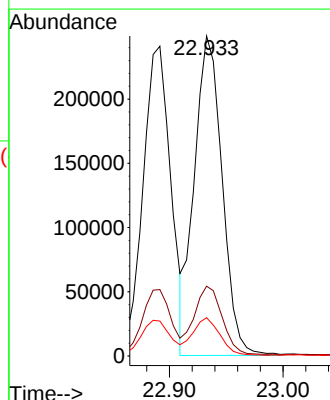
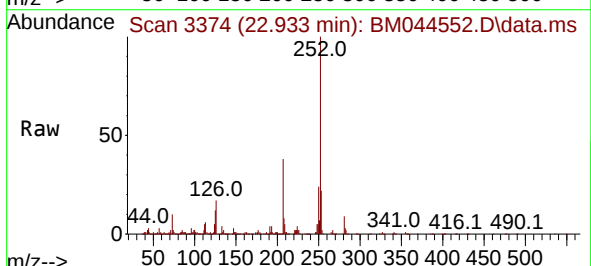
RT: 22.933 min Scan# 3374

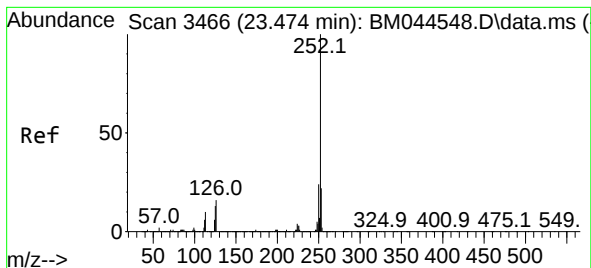
Delta R.T. 0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Tgt Ion:	252	Resp:	423708
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	11.9	10.0	15.0





#93

Benzo(a)pyrene

Concen: 4.144 ng/ul

RT: 23.468 min Scan# 3466

Delta R.T. 0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

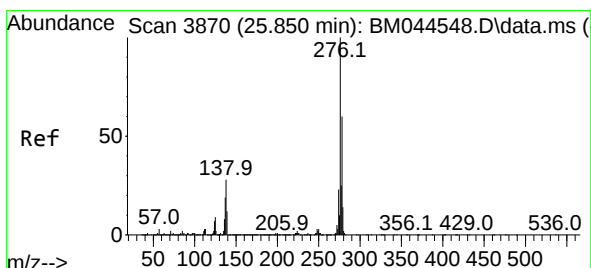
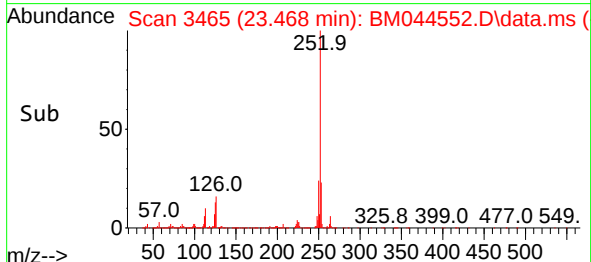
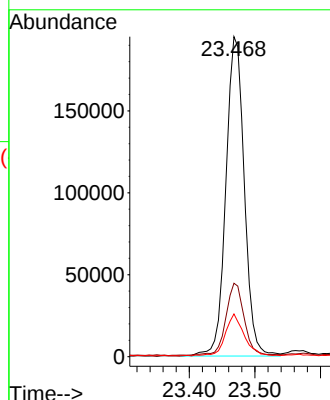
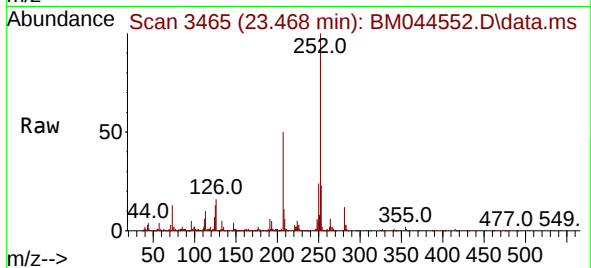
Tgt Ion:	252	Resp:	379989
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.7	26.5
125	13.4	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/08/2024

Supervised By :mohammad ahmed 03/09/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.835 ng/ul

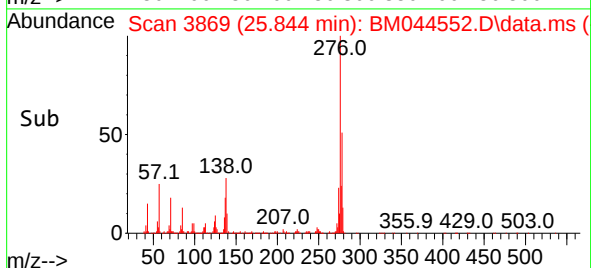
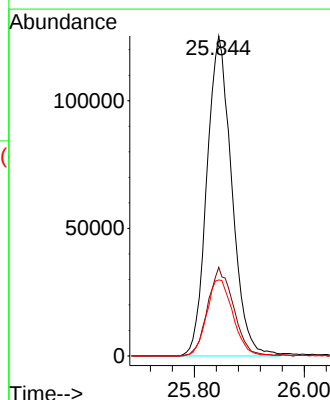
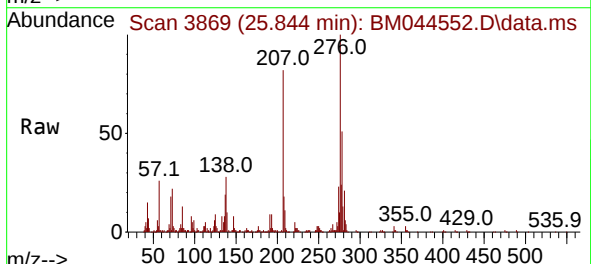
RT: 25.844 min Scan# 3869

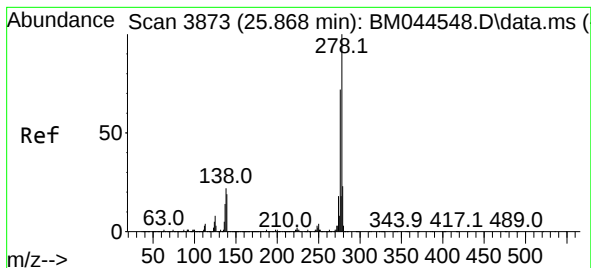
Delta R.T. 0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Tgt Ion:	276	Resp:	394459
Ion Ratio	Lower	Upper	
276	100		
138	27.7	23.1	34.7
277	23.7	19.7	29.5





#95

Dibenzo(a,h)anthracene

Concen: 3.856 ng/ul

RT: 25.862 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

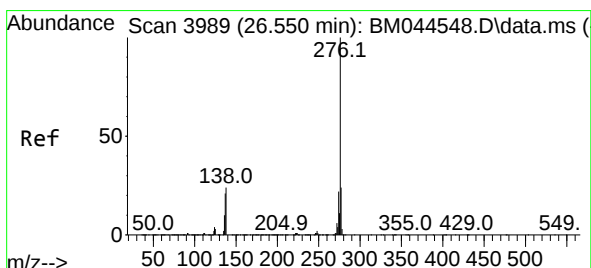
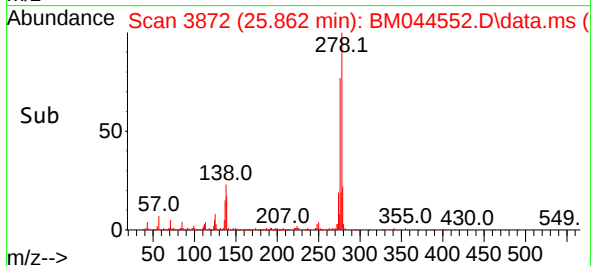
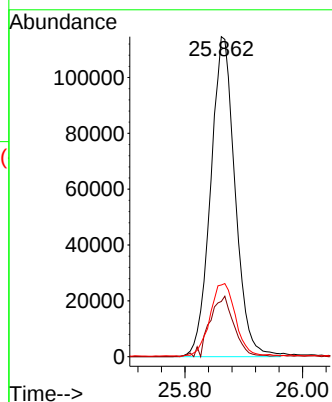
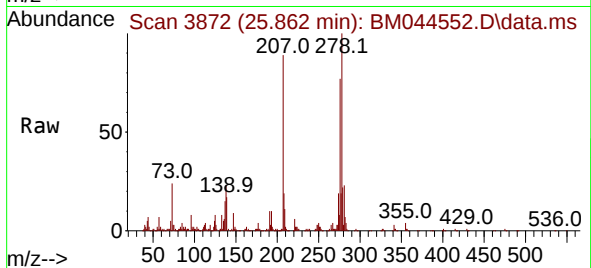
Tgt Ion:	278	Resp:	33069
Ion Ratio	Lower	Upper	
278	100		
139	17.3	15.8	23.6
279	22.4	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/08/2024

Supervised By :mohammad ahmed 03/09/2024



#96

Benzo(g,h,i)perylene

Concen: 3.780 ng/ul

RT: 26.538 min Scan# 3987

Delta R.T. 0.006 min

Lab File: BM044552.D

Acq: 07 Mar 2024 15:53

Tgt Ion:	276	Resp:	310241
Ion Ratio	Lower	Upper	
276	100		
138	23.6	20.8	31.2
277	23.8	19.0	28.4

