

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101323\
 Data File : BM042285.D
 Acq On : 13 Oct 2023 15:10
 Operator : MA/JU
 Sample : 02215-05
 Misc : SFAM-MDL-ME SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-03

Quant Time: Oct 13 15:49:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	113151	20.000	ng/u1	0.00
20) Naphthalene-d8	10.833	136	511035	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	316384	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.409	188	688229	20.000	ng/u1	0.00
79) Chrysene-d12	21.591	240	655147	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	716441	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	23321	6.440	ng/uL	0.00
4) Pyridine-d5	3.799	84	310755	28.974	ng/u1	0.00
7) Phenol-d5	7.157	99	340583	27.160	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	233904	27.605	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	242079	28.062	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	263778	26.561	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	124492	28.684	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	132162	28.486	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	232581	27.470	ng/u1	0.00
31) 4-Chloroaniline-d4	10.992	131	359004	26.930	ng/u1	0.00
46) Dimethylphthalate-d6	14.068	166	779287	28.414	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	878866	29.279	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	148162	26.859	ng/u1	0.00
60) Fluorene-d10	15.651	176	661312	29.332	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	111276	23.081	ng/u1	0.00
73) Anthracene-d10	17.509	188	1027209	29.136	ng/u1	0.00
81) Pyrene-d10	19.803	212	1179917	29.550	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.909	264	1184720	30.127	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	4210	1.061	ng/uL#	95
5) Pyridine	3.822	79	49489	4.457	ng/u1#	65
6) Benzaldehyde	7.169	77	38861	6.062	ng/u1	98
8) Phenol	7.187	94	53472	4.222	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.445	93	48489	4.611	ng/u1	99
12) 2-Chlorophenol	7.563	128	39900	4.428	ng/u1	99
13) 2-Methylphenol	8.451	108	37085	3.924	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	79790	4.450	ng/u1	100
16) Acetophenone	8.857	105	68569	4.448	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	38041	4.169	ng/u1	96
18) 4-Methylphenol	8.781	108	42611	4.091	ng/u1	94
19) Hexachloroethane	9.081	117	16788	4.416	ng/u1	96
22) Nitrobenzene	9.251	77	57267	4.665	ng/u1	96
23) Isophorone	9.763	82	96230	4.043	ng/u1	99
25) 2-Nitrophenol	9.957	139	22741	4.479	ng/u1	96
26) 2,4-Dimethylphenol	9.992	107	46190	4.281	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.251	93	66990	4.501	ng/u1	97
29) 2,4-Dichlorophenol	10.475	162	36872	4.459	ng/u1	95
30) Naphthalene	10.886	128	141342	4.718	ng/u1	99
32) 4-Chloroaniline	11.022	127	58335	4.527	ng/u1	97
33) Hexachlorobutadiene	11.116	225	22287	4.669	ng/u1	96
34) Caprolactam	11.851	113	19188m	6.355	ng/u1	
35) 4-Chloro-3-methylphenol	12.116	107	40170	3.944	ng/u1	94
36) 2-Methylnaphthalene	12.486	142	93965	4.583	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101323\
 Data File : BM042285.D
 Acq On : 13 Oct 2023 15:10
 Operator : MA/JU
 Sample : 02215-05
 Misc : SFAM-MDL-ME SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-03

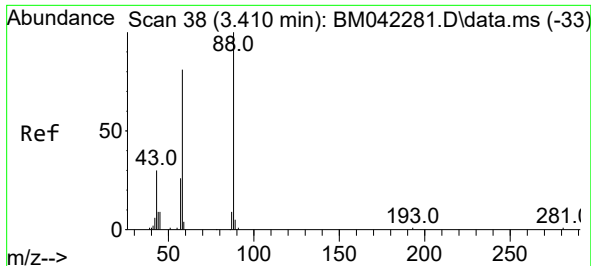
Quant Time: Oct 13 15:49:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

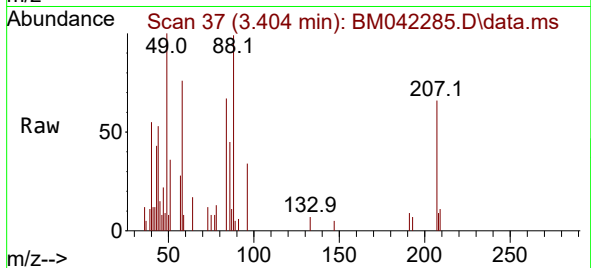
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	96858	4.674	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	45441	4.561	ng/ul	96
40) Hexachlorocyclopentadiene	12.786	237	40510	6.283	ng/ul	95
41) 2,4,6-Trichlorophenol	13.092	196	25832	3.878	ng/ul	96
42) 2,4,5-Trichlorophenol	13.157	196	27998	3.915	ng/ul	95
43) 1,1'-Biphenyl	13.492	154	123986	4.572	ng/ul	100
44) 2-Chloronaphthalene	13.539	162	97611	4.696	ng/ul	98
45) 2-Nitroaniline	13.774	65	26718	3.576	ng/ul	96
47) Dimethylphthalate	14.115	163	126256	4.626	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	17175	3.476	ng/ul	97
50) Acenaphthylene	14.386	152	164213	4.737	ng/ul	99
51) 3-Nitroaniline	14.598	138	20771	3.567	ng/ul	100
52) Acenaphthene	14.721	153	108319	4.651	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	24191	7.234	ng/ul	98
55) 4-Nitrophenol	14.880	109	19127	4.274	ng/ul	98
56) Dibenzofuran	15.057	168	149079	4.765	ng/ul	97
57) 2,4-Dinitrotoluene	15.039	165	28468	3.908	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.268	232	23306	3.884	ng/ul#	95
59) Diethylphthalate	15.462	149	124414	4.466	ng/ul	100
61) Fluorene	15.704	166	122263	4.712	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	58362	4.658	ng/ul	96
63) 4-Nitroaniline	15.762	138	23153	4.445	ng/ul#	66
66) 4,6-Dinitro-2-methylph...	15.786	198	20299	4.026	ng/ul#	79
67) N-Nitrosodiphenylamine	15.915	169	97697	4.462	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	32285	4.361	ng/ul	93
69) Hexachlorobenzene	16.674	284	37226	4.423	ng/ul	98
70) Atrazine	16.862	200	28787	3.832	ng/ul	98
71) Pentachlorophenol	17.033	266	31905	5.594	ng/ul	98
72) Phenanthrene	17.451	178	193787	4.590	ng/ul	99
74) Anthracene	17.545	178	199377	4.695	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	43891	4.304	ng/uL	96
76) Pentachlorobenzene	14.945	250	48356	4.830	ng/uL	97
77) Carbazole	17.827	167	163733	4.233	ng/ul	99
78) Di-n-butylphthalate	18.350	149	185934	3.797	ng/ul	100
80) Fluoranthene	19.462	202	203766	4.309	ng/ul	98
82) Pyrene	19.827	202	233983	4.707	ng/ul	96
83) Butylbenzylphthalate	20.709	149	74470	3.514	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.515	252	56060	3.582	ng/ul	99
85) Benzo(a)anthracene	21.574	228	212958	4.285	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	111424	3.559	ng/ul	99
87) Chrysene	21.633	228	205876	4.504	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	195087	3.371	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	207953	4.272	ng/ul	99
91) Benzo(k)fluoranthene	23.350	252	200856	4.172	ng/ul	97
93) Benzo(a)pyrene	23.956	252	202041	4.435	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.668	276	220828	3.991	ng/ul	97
95) Dibenzo(a,h)anthracene	26.685	278	183405	3.996	ng/ul	98
96) Benzo(g,h,i)perylene	27.473	276	176481	4.077	ng/ul	99

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



#2
1,4-Dioxane
Concen: 1.061 ng/uL
RT: 3.404 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

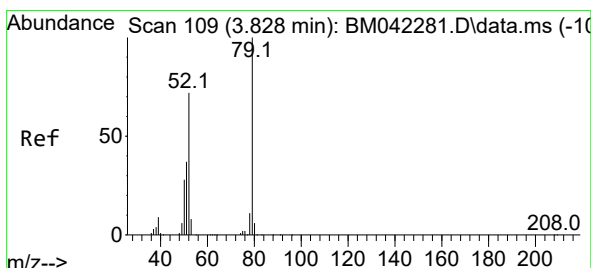
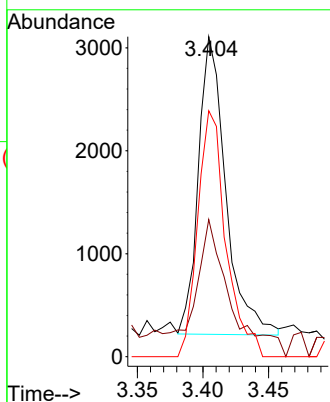
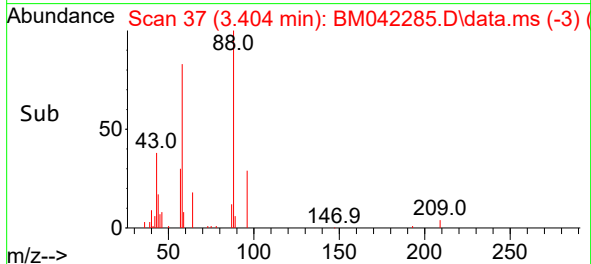
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion: 88 Resp: 4210
Ion Ratio Lower Upper
88 100
43 42.9 27.5 41.3
58 76.8 61.8 92.8

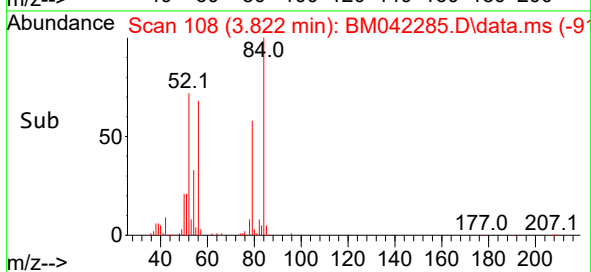
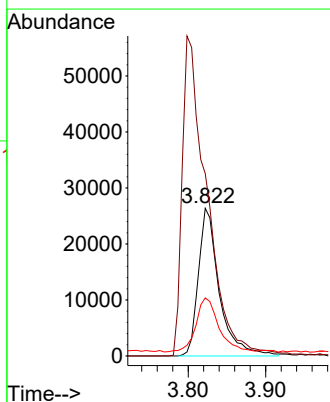
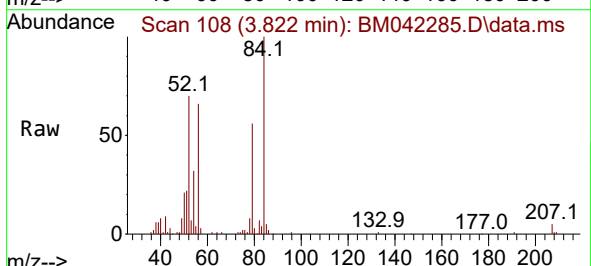
Manual Integrations
APPROVED

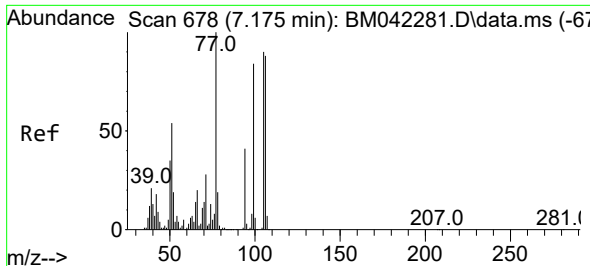
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#5
Pyridine
Concen: 4.457 ng/uL
RT: 3.822 min Scan# 108
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

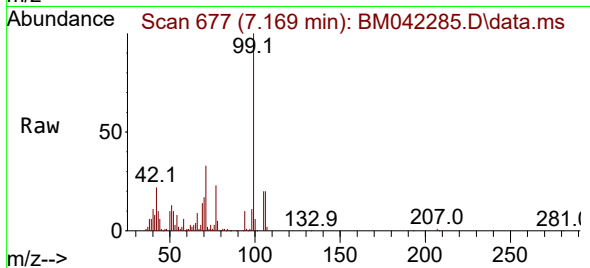
Tgt Ion: 79 Resp: 49489
Ion Ratio Lower Upper
79 100
52 123.5 63.8 95.6
51 39.3 30.2 45.2





#6
Benzaldehyde
Concen: 6.062 ng/ul
RT: 7.169 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

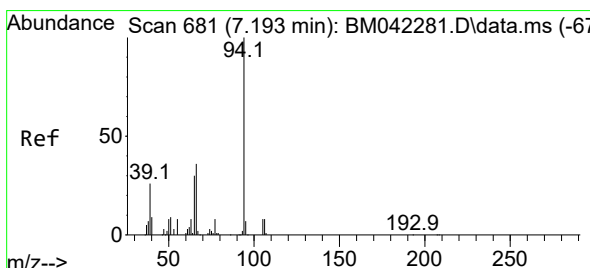
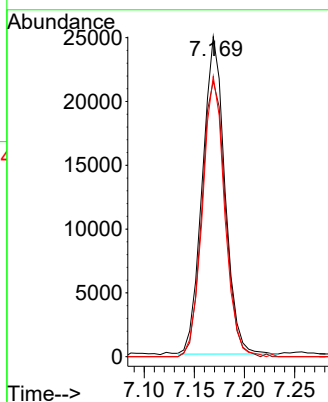
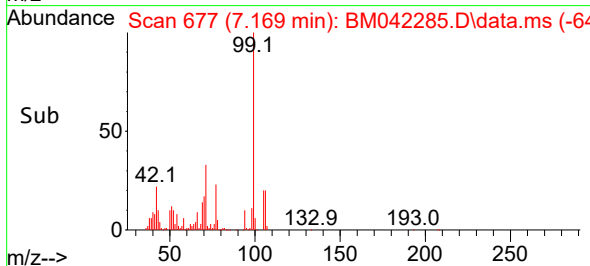
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion: 77 Resp: 3886
Ion Ratio Lower Upper
77 100
105 86.1 70.6 105.8
106 87.6 71.6 107.4

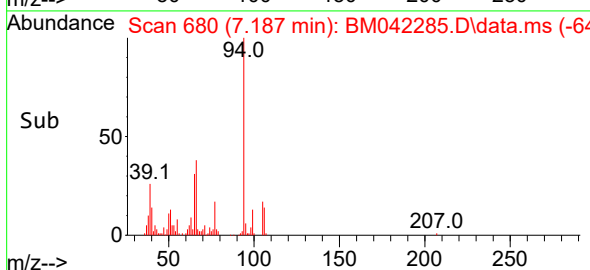
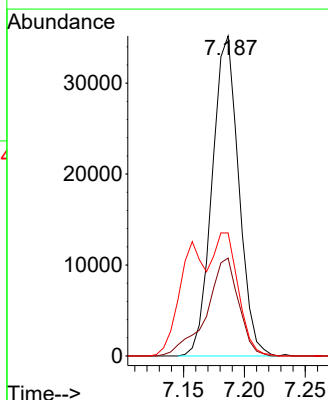
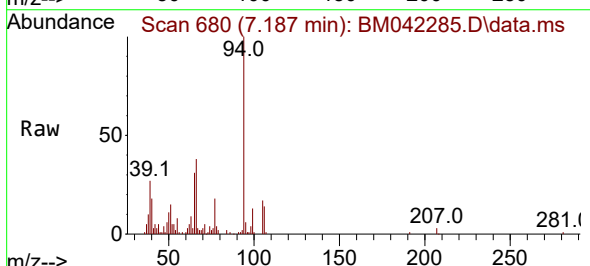
Manual Integrations
APPROVED

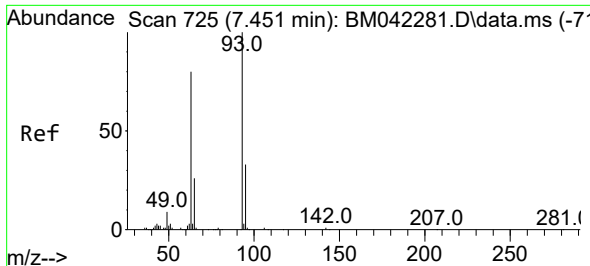
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#8
Phenol
Concen: 4.222 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

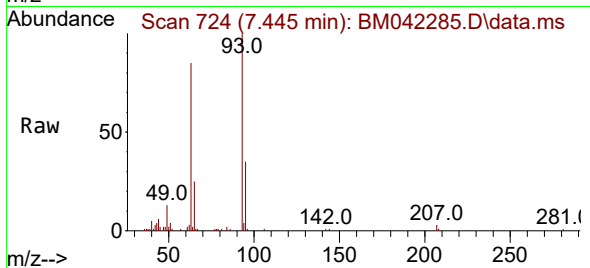
Tgt Ion: 94 Resp: 53472
Ion Ratio Lower Upper
94 100
65 30.6 24.1 36.1
66 38.4 30.7 46.1





#10
Bis(2-Chloroethyl)ether
Concen: 4.611 ng/ul
RT: 7.445 min Scan# 725
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

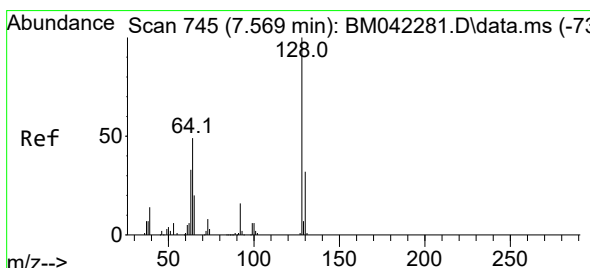
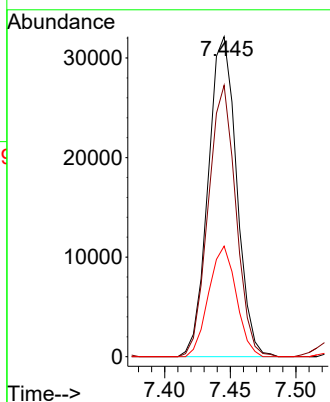
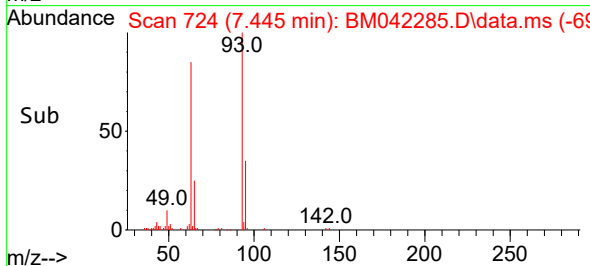
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion: 93 Resp: 48489
Ion Ratio Lower Upper
93 100
63 84.8 67.3 100.9
95 34.5 26.7 40.1

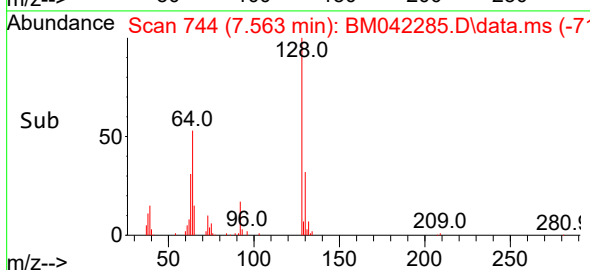
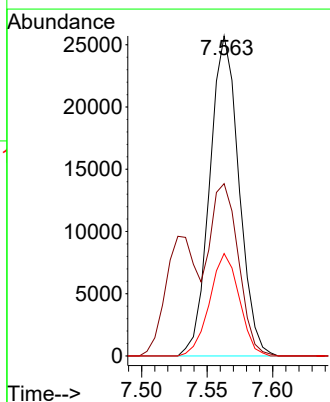
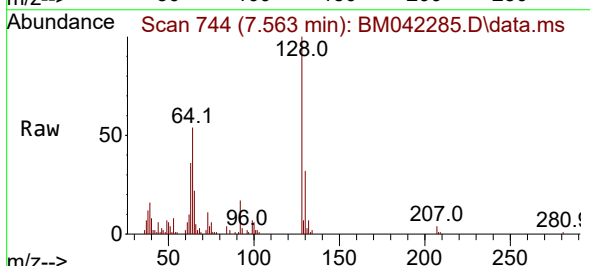
Manual Integrations
APPROVED

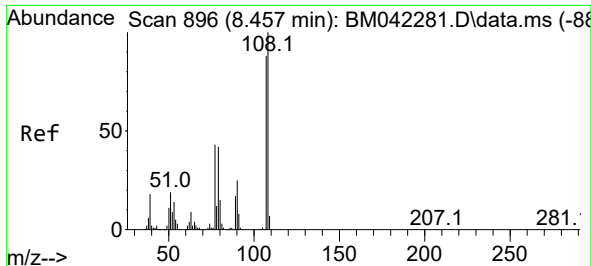
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#12
2-Chlorophenol
Concen: 4.428 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Tgt Ion:128 Resp: 39900
Ion Ratio Lower Upper
128 100
64 53.9 43.8 65.6
130 32.0 25.9 38.9





#13

2-Methylphenol

Concen: 3.924 ng/ul

RT: 8.451 min Scan# 896

Delta R.T. -0.000 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

Tgt Ion:108 Resp: 37085

Ion Ratio Lower Upper

108 100

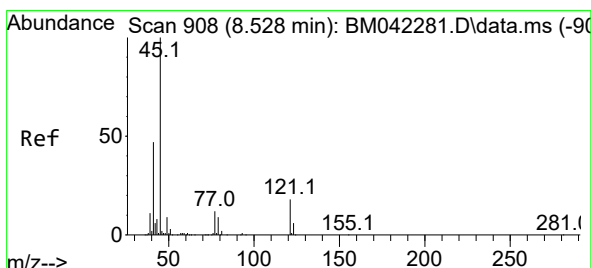
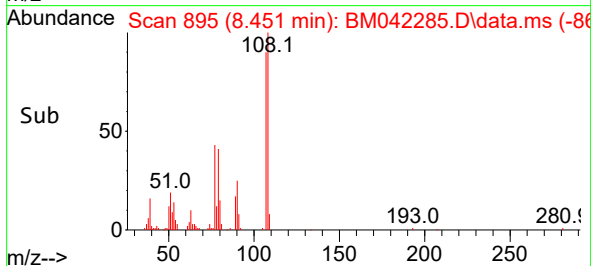
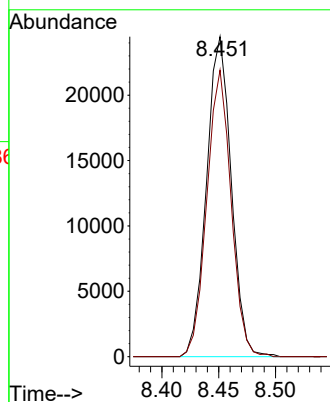
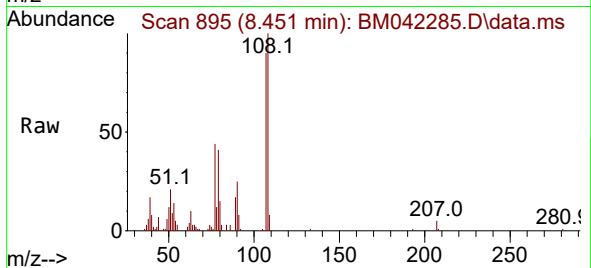
107 89.6 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.450 ng/ul

RT: 8.522 min Scan# 907

Delta R.T. -0.000 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

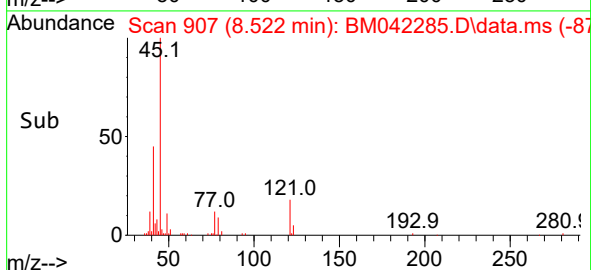
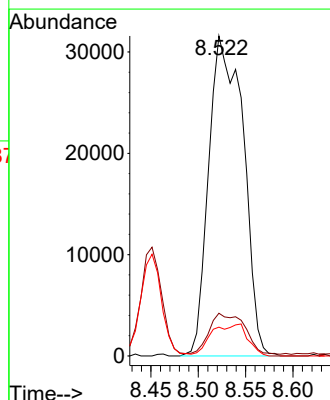
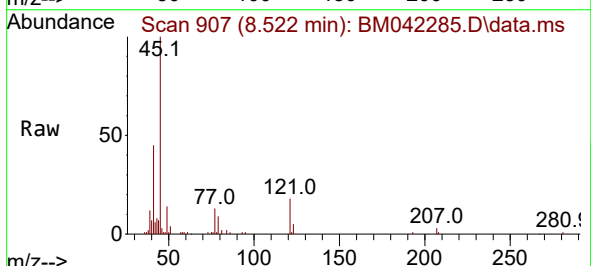
Tgt Ion: 45 Resp: 79790

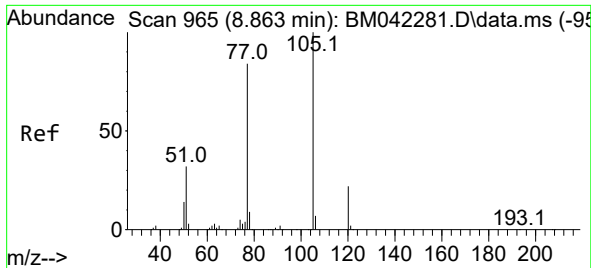
Ion Ratio Lower Upper

45 100

77 13.3 10.5 15.7

79 9.0 7.3 10.9





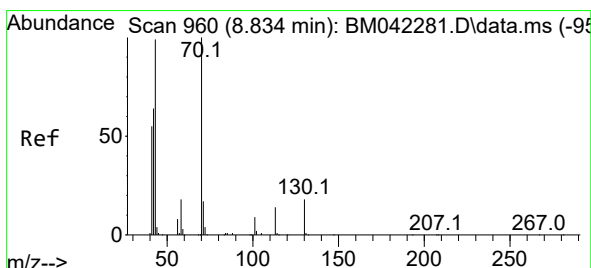
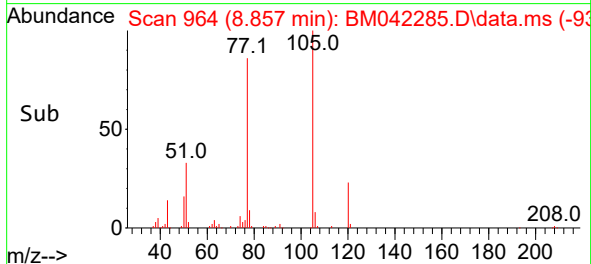
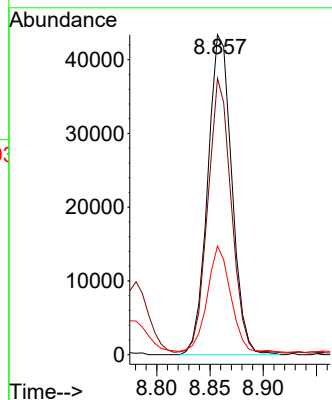
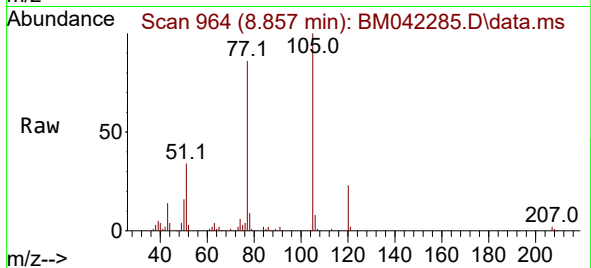
#16
Acetophenone
Concen: 4.448 ng/ul
RT: 8.857 min Scan# 901
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-03

Tgt Ion:105 Resp: 68569
Ion Ratio Lower Upper
105 100
77 86.4 67.8 101.8
51 34.0 26.9 40.3

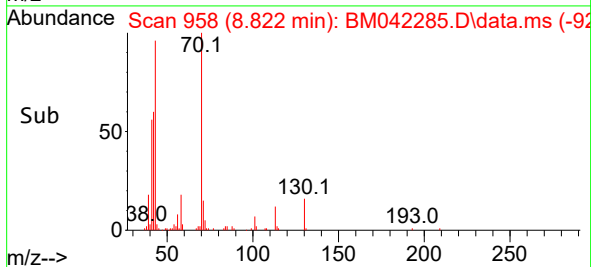
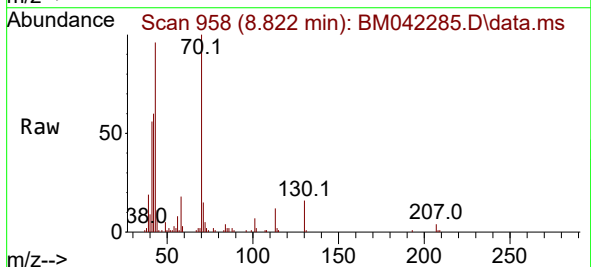
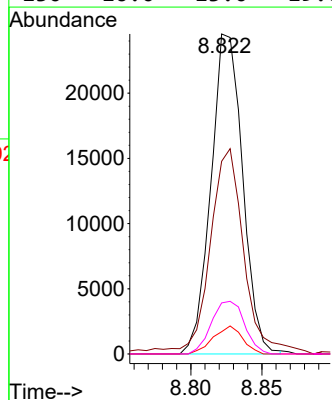
Manual Integrations
APPROVED

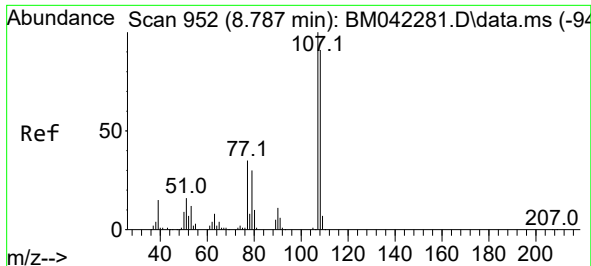
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.169 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Tgt Ion: 70 Resp: 38041
Ion Ratio Lower Upper
70 100
42 60.2 51.0 76.4
101 6.9 6.7 10.1
130 16.0 13.0 19.6





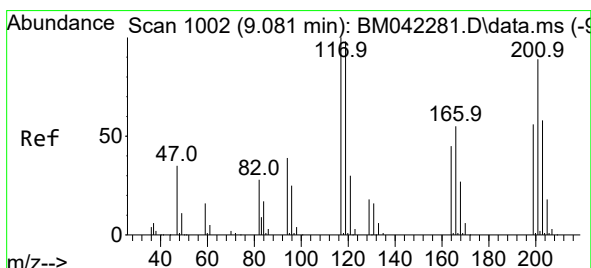
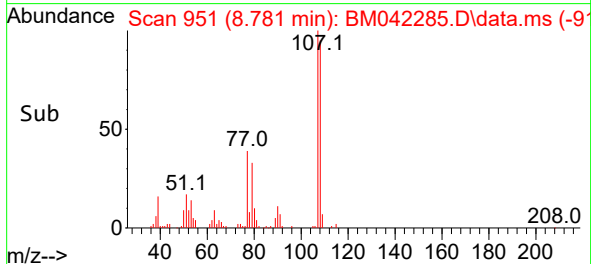
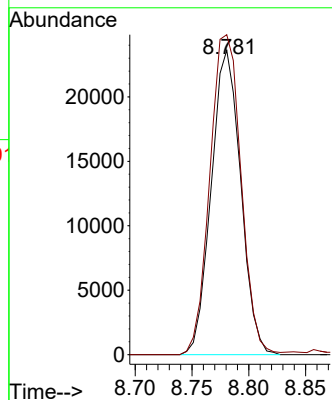
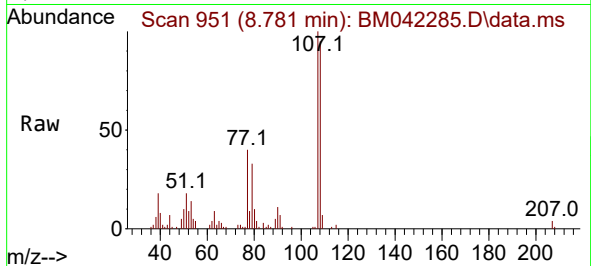
#18
4-Methylphenol
Concen: 4.091 ng/ul
RT: 8.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03

Tgt Ion:108 Resp: 4261
Ion Ratio Lower Upper
108 100
107 105.1 89.0 133.6

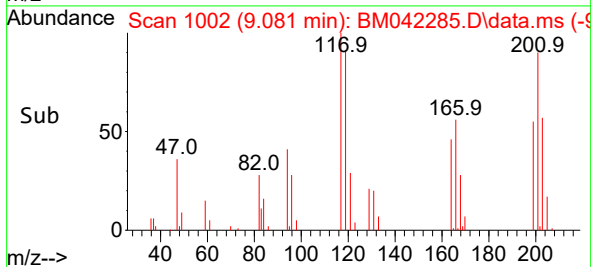
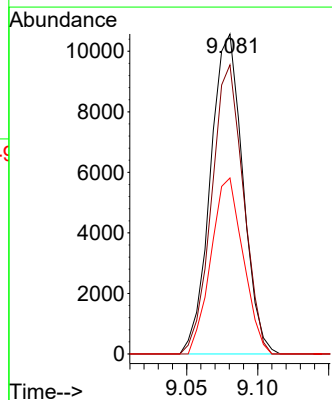
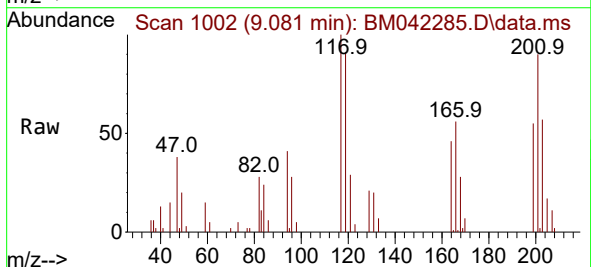
Manual Integrations
APPROVED

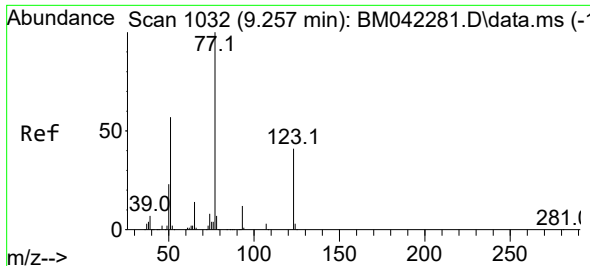
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#19
Hexachloroethane
Concen: 4.416 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

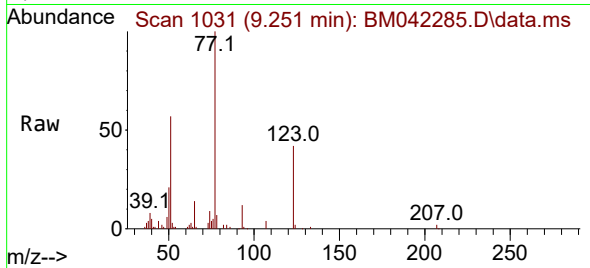
Tgt Ion:117 Resp: 16788
Ion Ratio Lower Upper
117 100
201 90.4 69.8 104.8
199 55.0 40.8 61.2





#22
Nitrobenzene
Concen: 4.665 ng/ul
RT: 9.251 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

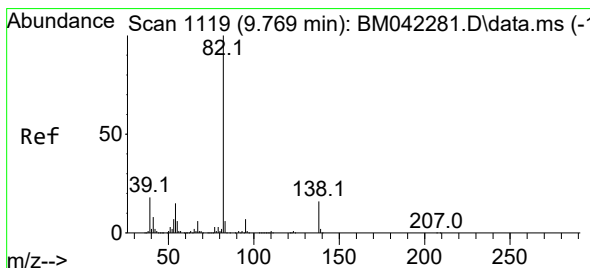
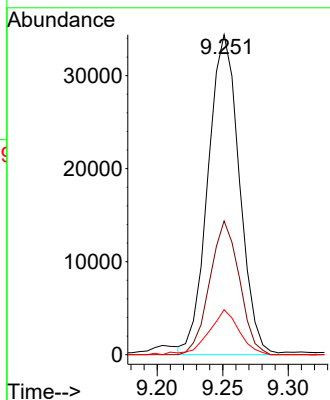
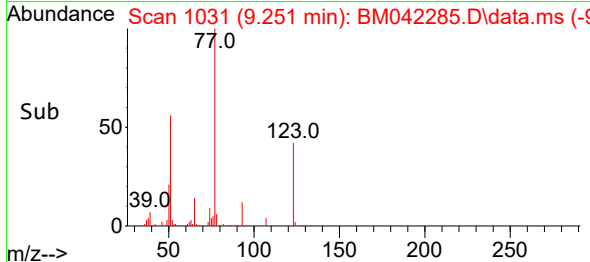
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



Tgt Ion: 77 Resp: 5726
Ion Ratio Lower Upper
77 100
123 41.8 31.3 46.9
65 14.1 10.7 16.1

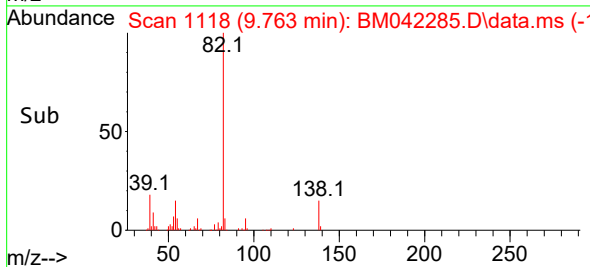
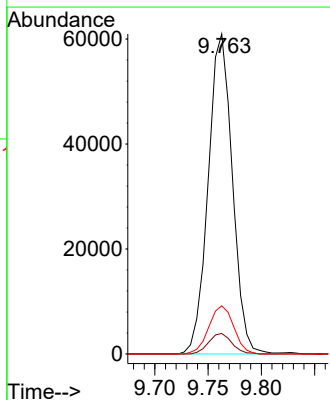
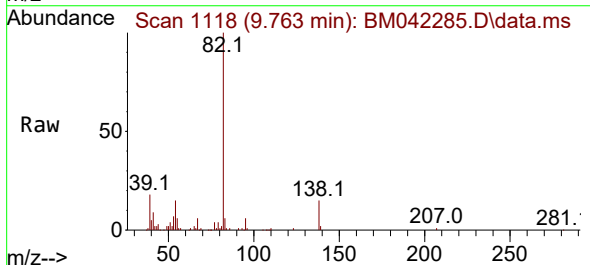
Manual Integrations
APPROVED

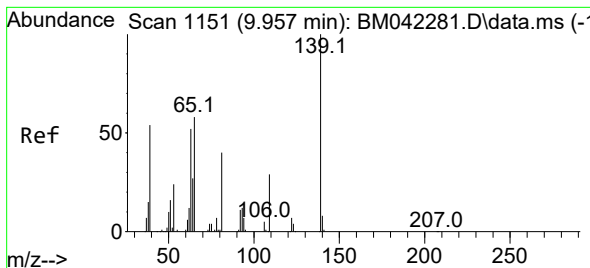
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#23
Isophorone
Concen: 4.043 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Tgt Ion: 82 Resp: 96230
Ion Ratio Lower Upper
82 100
95 6.4 5.0 7.4
138 15.0 11.8 17.6





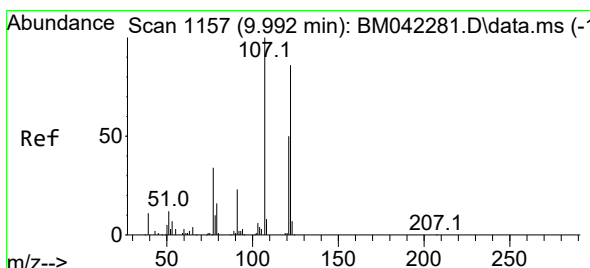
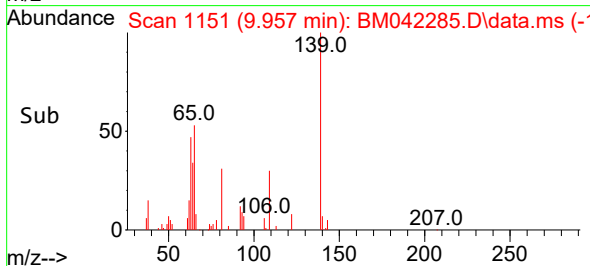
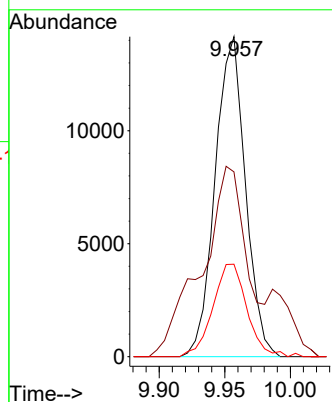
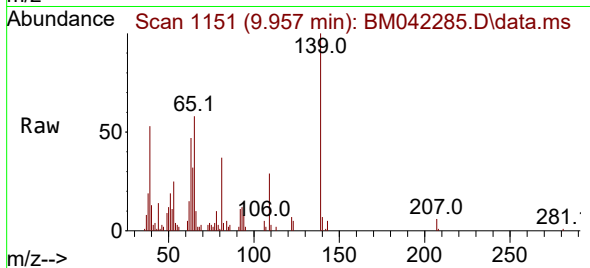
#25
2-Nitrophenol
Concen: 4.479 ng/ul
RT: 9.957 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-03

Tgt Ion:139 Resp: 2274
Ion Ratio Lower Upper
139 100
65 57.7 49.4 74.2
109 28.9 24.0 36.0

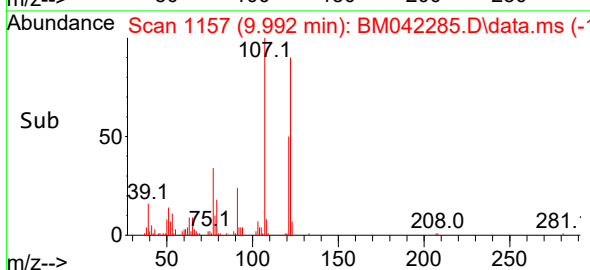
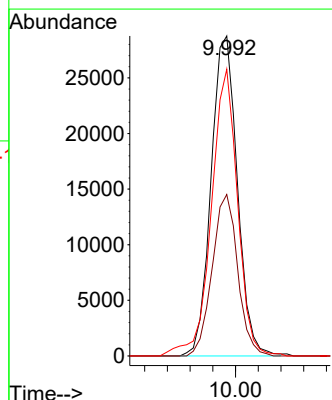
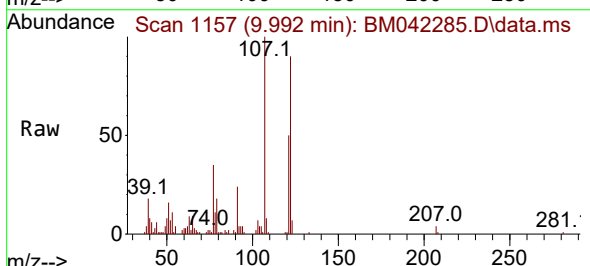
Manual Integrations
APPROVED

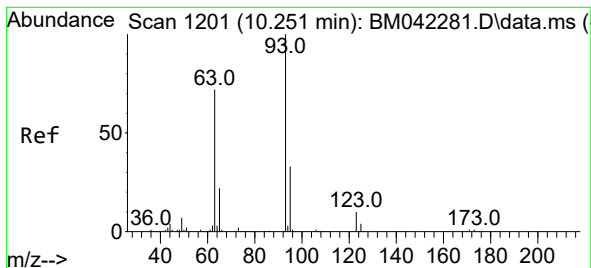
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#26
2,4-Dimethylphenol
Concen: 4.281 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

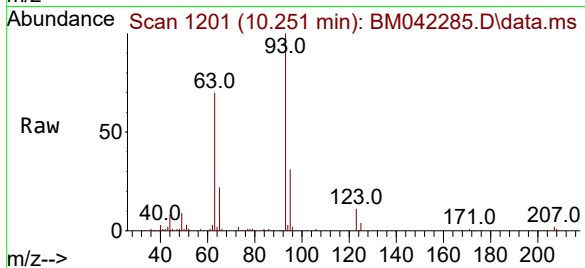
Tgt Ion:107 Resp: 46190
Ion Ratio Lower Upper
107 100
121 50.4 38.4 57.6
122 89.6 68.6 102.8





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.501 ng/ul
 RT: 10.251 min Scan# 1201
 Delta R.T. -0.000 min
 Lab File: BM042285.D
 Acq: 13 Oct 2023 15:10

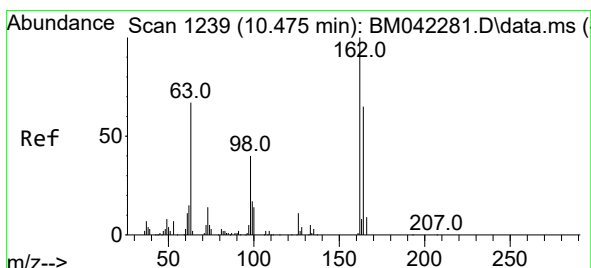
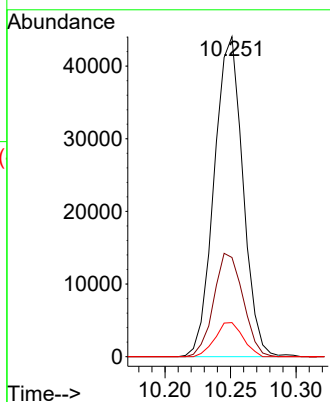
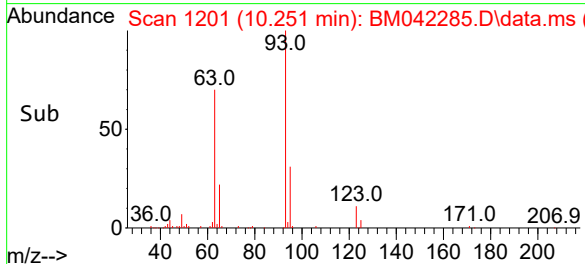
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-03



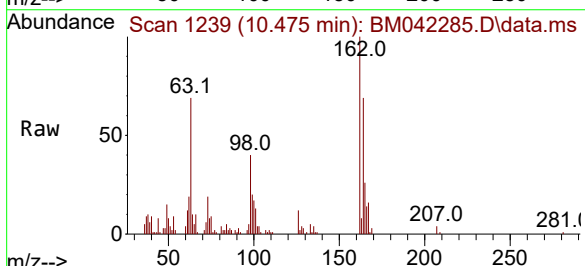
Tgt Ion: 93 Resp: 66990
 Ion Ratio Lower Upper
 93 100
 95 31.0 26.1 39.1
 123 10.7 8.1 12.1

Manual Integrations
 APPROVED

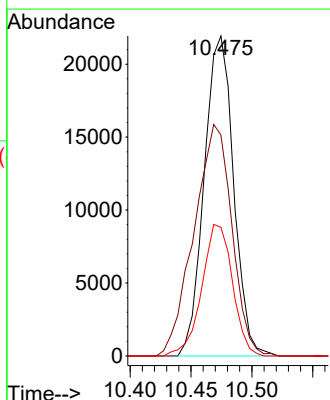
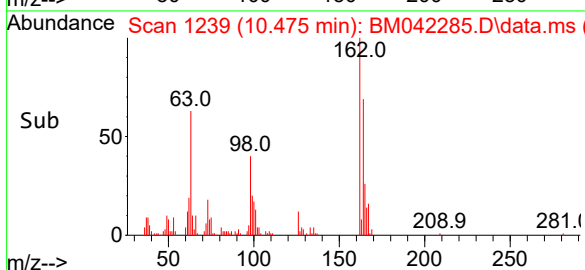
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

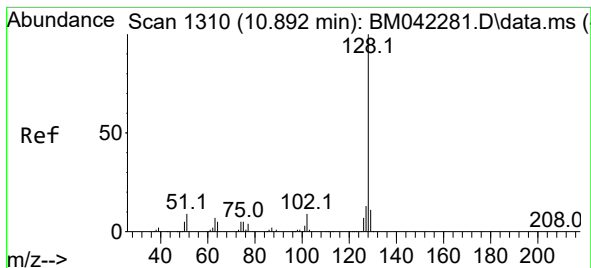


#29
 2,4-Dichlorophenol
 Concen: 4.459 ng/ul
 RT: 10.475 min Scan# 1239
 Delta R.T. -0.000 min
 Lab File: BM042285.D
 Acq: 13 Oct 2023 15:10



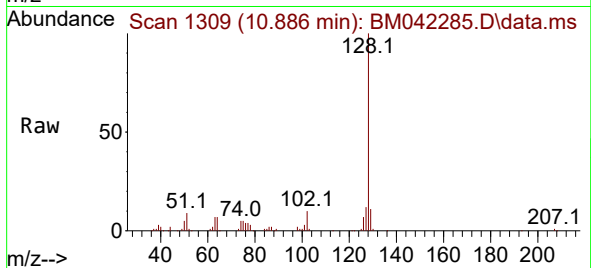
Tgt Ion:162 Resp: 36872
 Ion Ratio Lower Upper
 162 100
 164 69.1 52.4 78.6
 98 40.2 34.6 52.0





#30
Naphthalene
Concen: 4.718 ng/ul
RT: 10.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

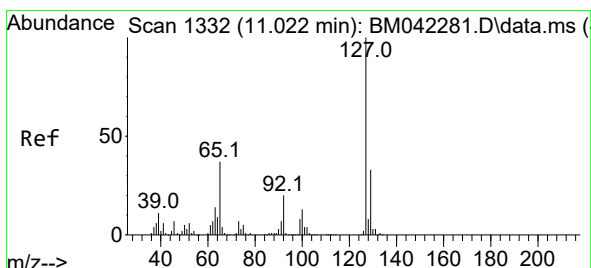
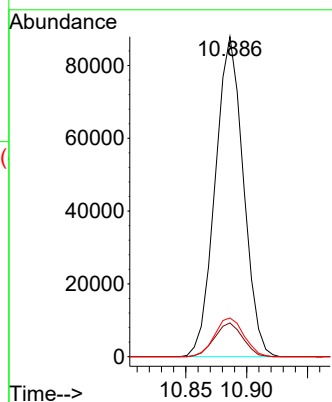
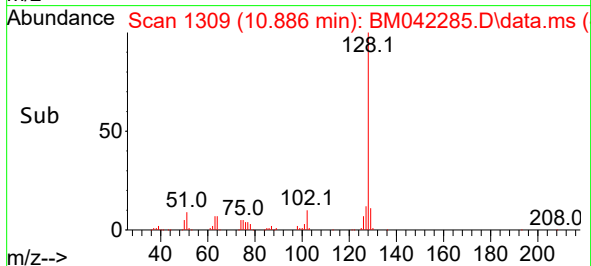
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:128 Resp: 14134
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.1 10.4 15.6

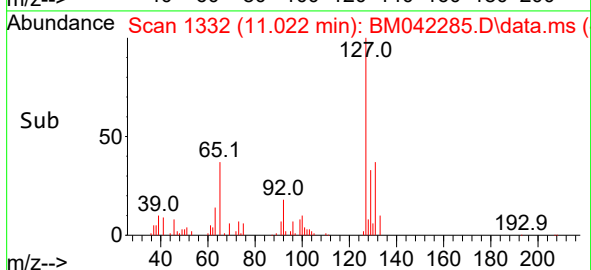
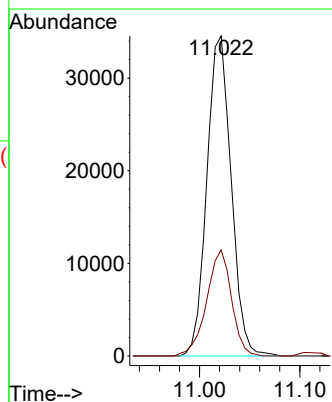
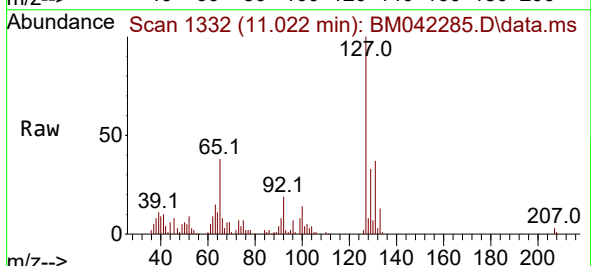
Manual Integrations
APPROVED

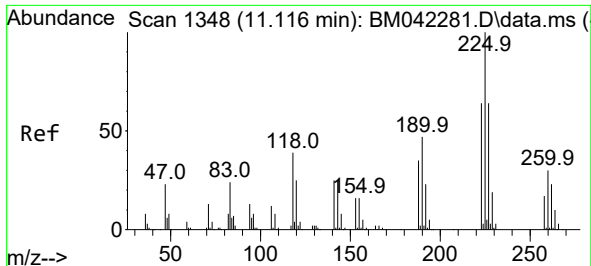
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#32
4-Chloroaniline
Concen: 4.527 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

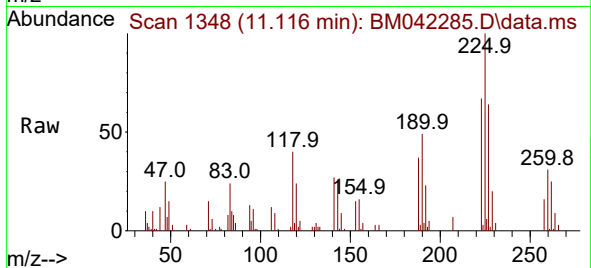
Tgt Ion:127 Resp: 58335
Ion Ratio Lower Upper
127 100
129 33.2 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.669 ng/ul
RT: 11.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

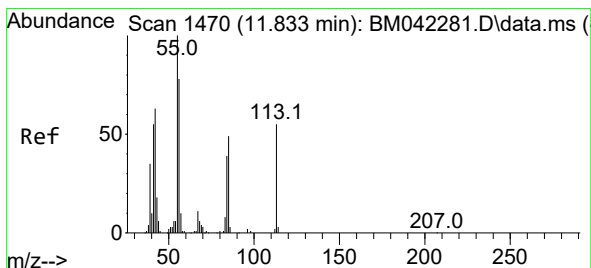
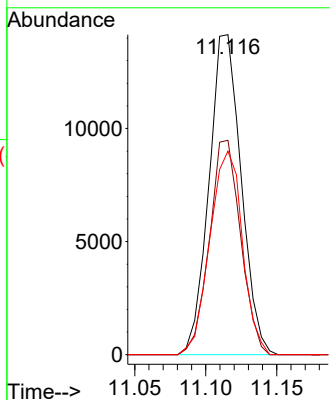
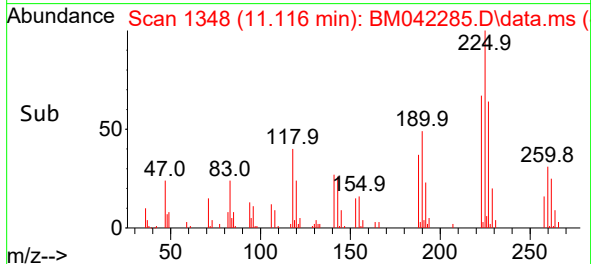
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:225 Resp: 2228
Ion Ratio Lower Upper
225 100
223 67.0 51.3 76.9
227 63.6 53.4 80.0

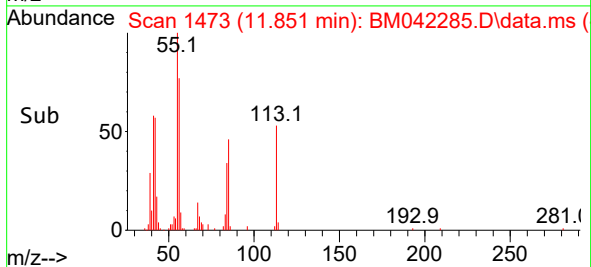
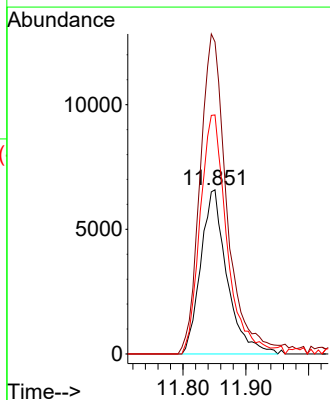
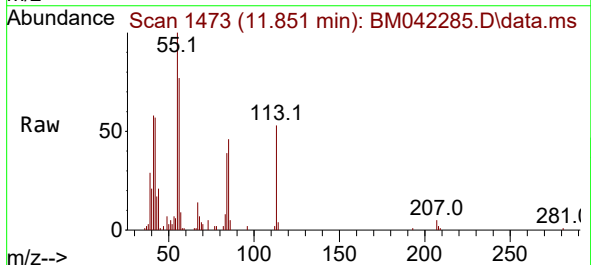
Manual Integrations
APPROVED

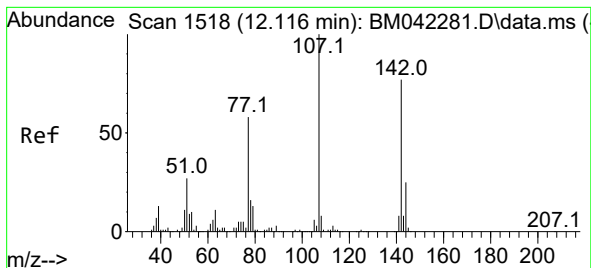
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#34
Caprolactam
Concen: 6.355 ng/ul m
RT: 11.851 min Scan# 1473
Delta R.T. 0.018 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Tgt Ion:113 Resp: 19188
Ion Ratio Lower Upper
113 100
55 190.0 162.1 243.1
56 145.6 124.2 186.2





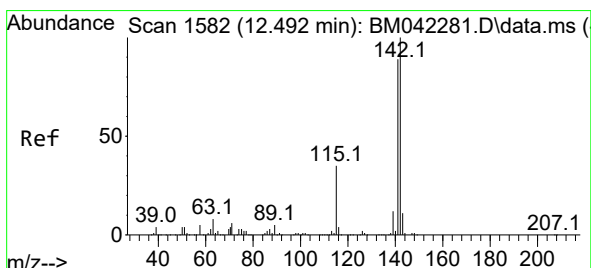
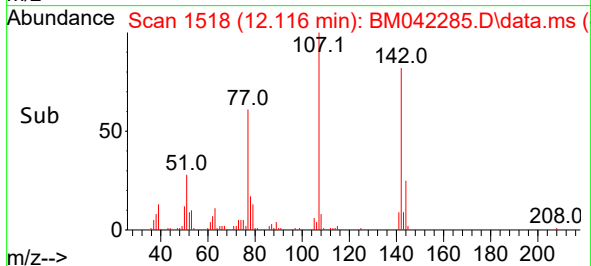
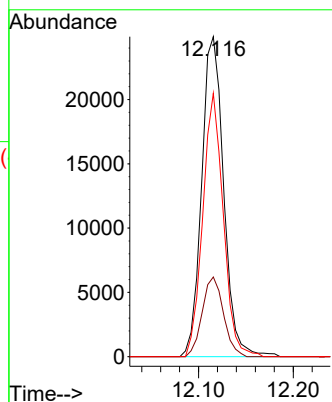
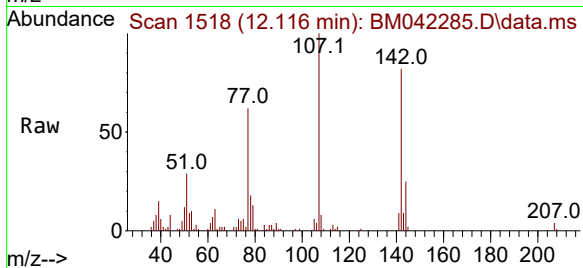
#35
4-Chloro-3-methylphenol
Concen: 3.944 ng/ul
RT: 12.116 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-03

Tgt Ion:107 Resp: 40170
Ion Ratio Lower Upper
107 100
144 24.9 19.3 28.9
142 82.3 60.6 91.0

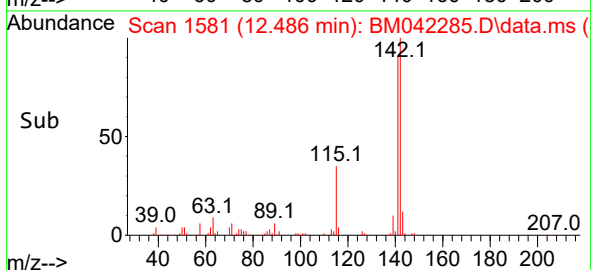
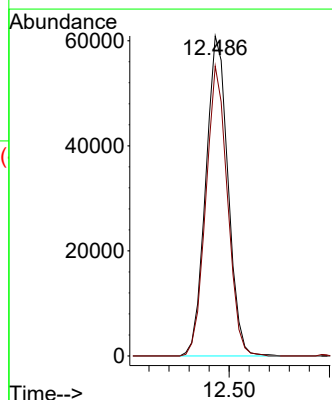
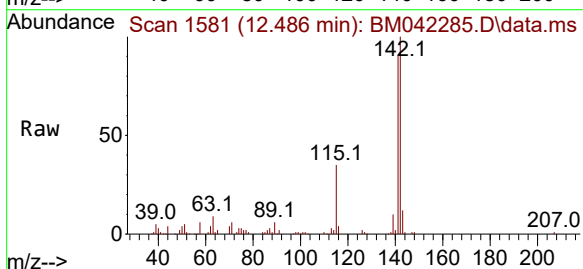
Manual Integrations
APPROVED

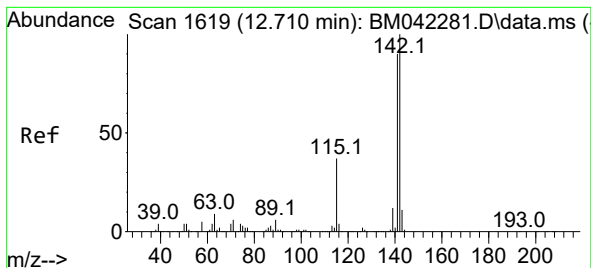
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#36
2-Methylnaphthalene
Concen: 4.583 ng/ul
RT: 12.486 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Tgt Ion:142 Resp: 93965
Ion Ratio Lower Upper
142 100
141 90.6 71.5 107.3





#37

1-Methylnaphthalene

Concen: 4.674 ng/ul

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

Tgt Ion:142 Resp: 9685

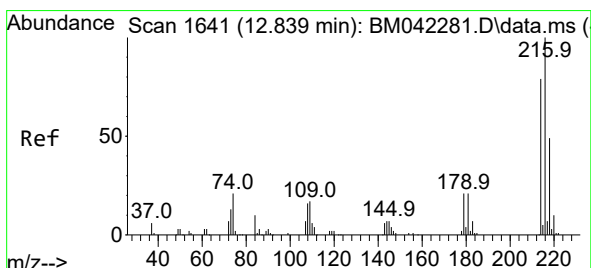
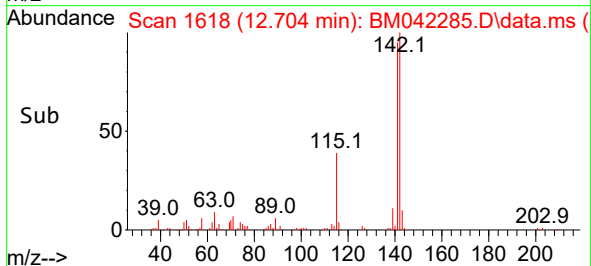
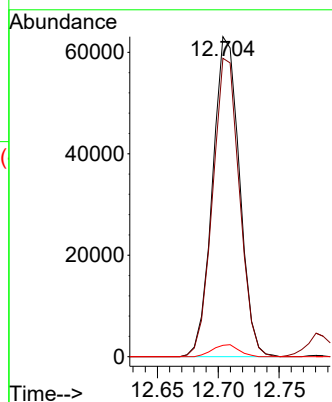
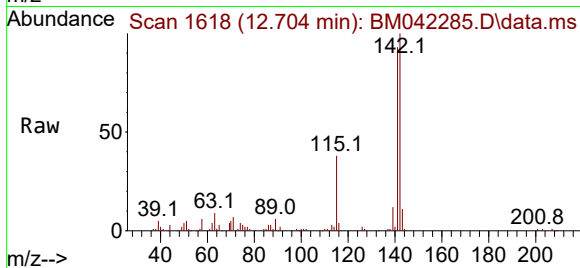
Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.6	111.8
116	3.5	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.561 ng/ul

RT: 12.833 min Scan# 1640

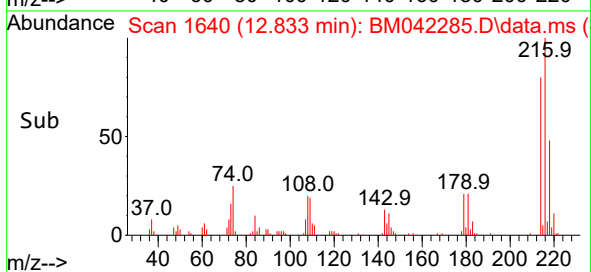
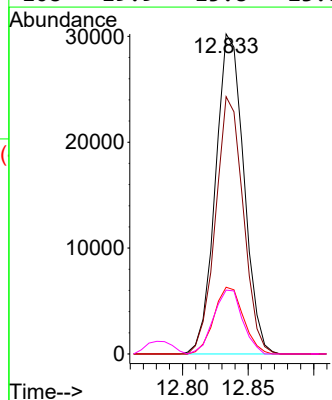
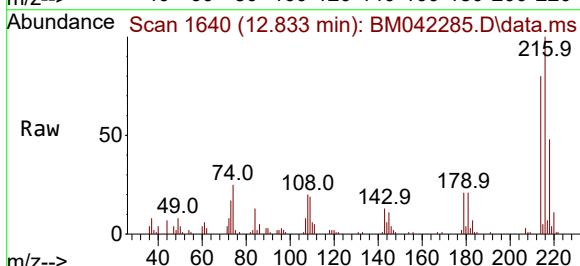
Delta R.T. -0.006 min

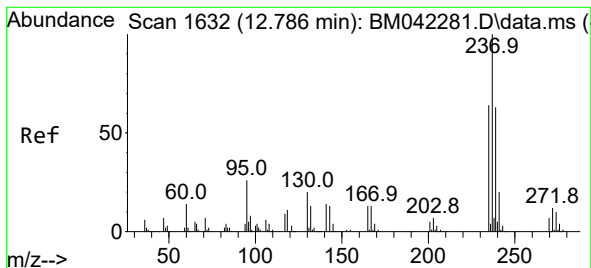
Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Tgt Ion:216 Resp: 45441

Ion	Ratio	Lower	Upper
216	100		
214	80.4	60.6	90.8
179	20.8	16.9	25.3
108	19.9	15.8	23.8





#40

Hexachlorocyclopentadiene

Concen: 6.283 ng/ul

RT: 12.786 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

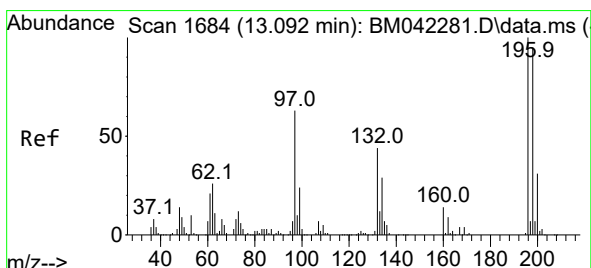
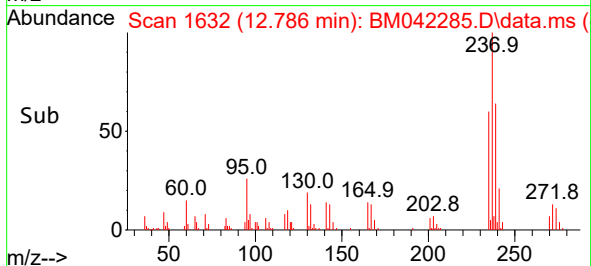
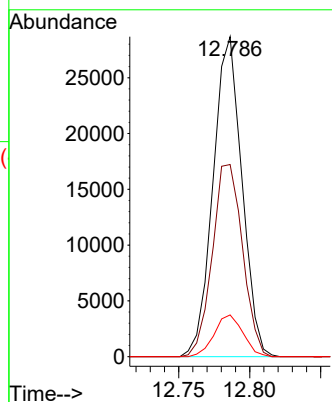
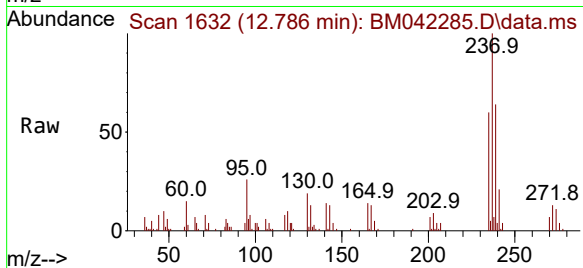
Tgt Ion:	237	Resp:	40510
Ion Ratio	Lower	Upper	
237	100		
235	60.0	51.5	77.3
272	13.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#41

2,4,6-Trichlorophenol

Concen: 3.878 ng/ul

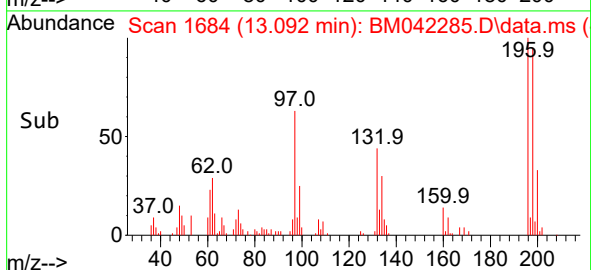
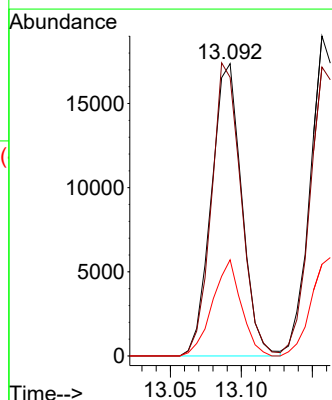
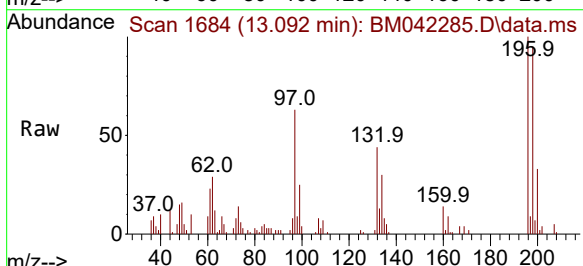
RT: 13.092 min Scan# 1684

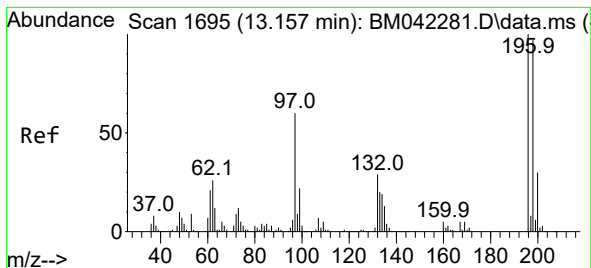
Delta R.T. -0.000 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

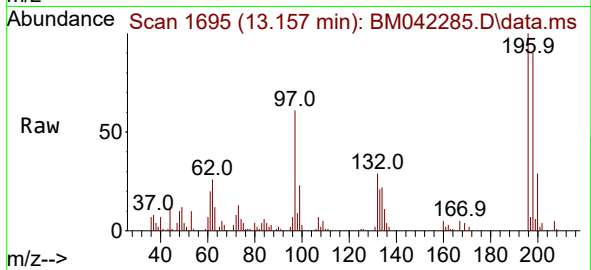
Tgt Ion:	196	Resp:	25832
Ion Ratio	Lower	Upper	
196	100		
198	95.3	79.5	119.3
200	32.9	25.3	37.9





#42
2,4,5-Trichlorophenol
Concen: 3.915 ng/ul
RT: 13.157 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

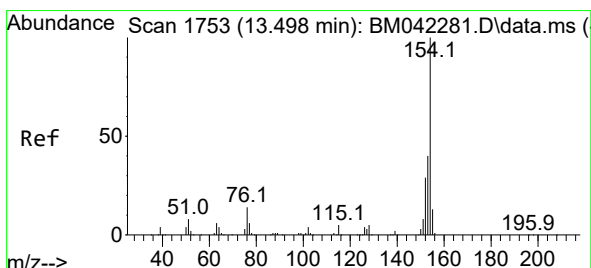
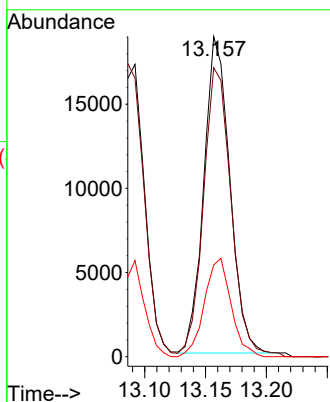
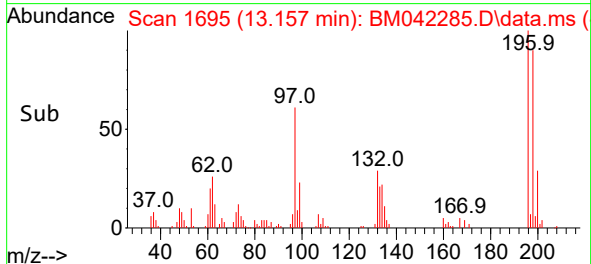
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



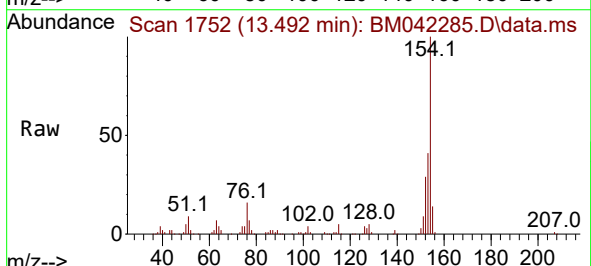
Tgt Ion:196 Resp: 27998
Ion Ratio Lower Upper
196 100
198 90.3 76.4 114.6
200 28.7 24.3 36.5

Manual Integrations
APPROVED

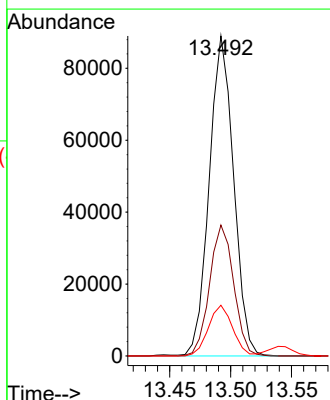
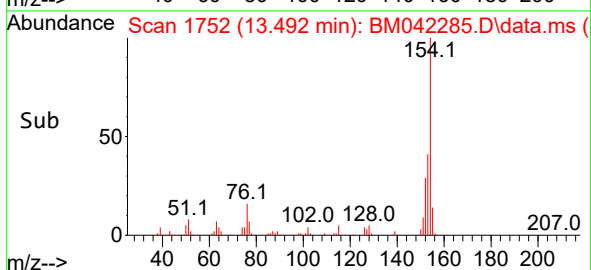
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

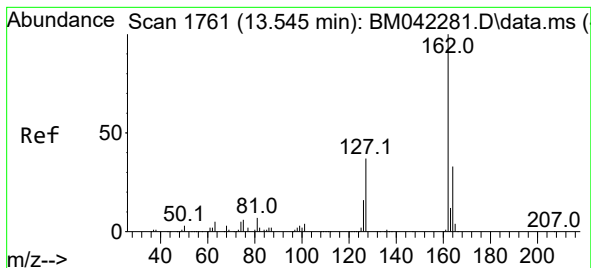


#43
1,1'-Biphenyl
Concen: 4.572 ng/ul
RT: 13.492 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10



Tgt Ion:154 Resp: 123986
Ion Ratio Lower Upper
154 100
153 40.9 32.9 49.3
76 15.9 13.0 19.4





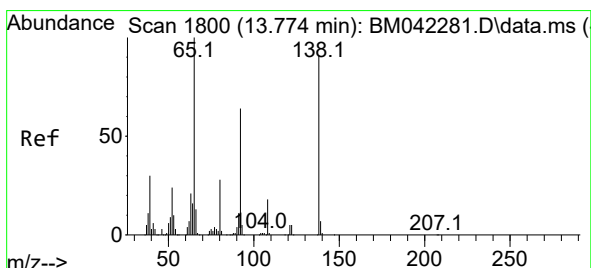
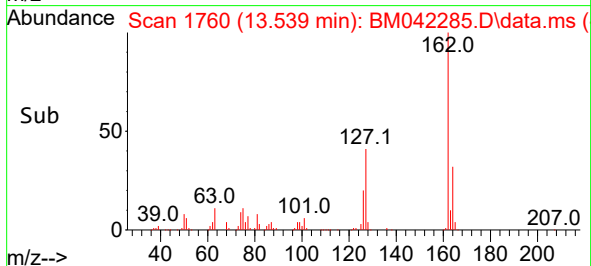
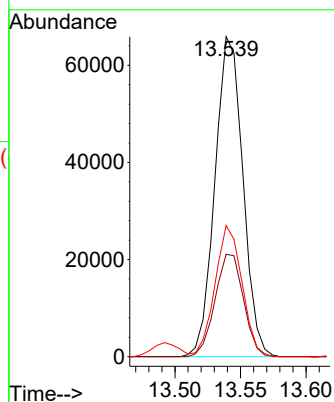
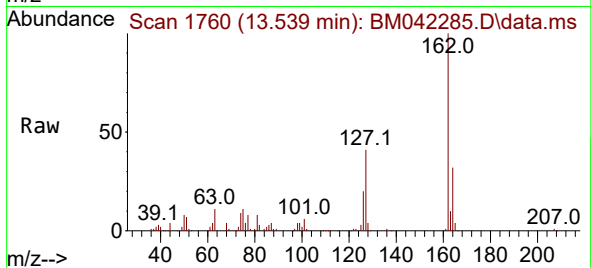
#44
2-Chloronaphthalene
Concen: 4.696 ng/ul
RT: 13.539 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-03

Tgt Ion:162 Resp: 9761
Ion Ratio Lower Upper
162 100
164 32.0 26.9 40.3
127 40.9 32.1 48.1

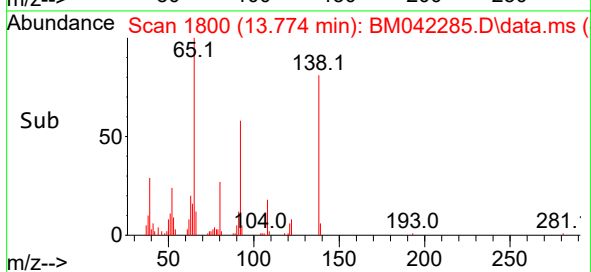
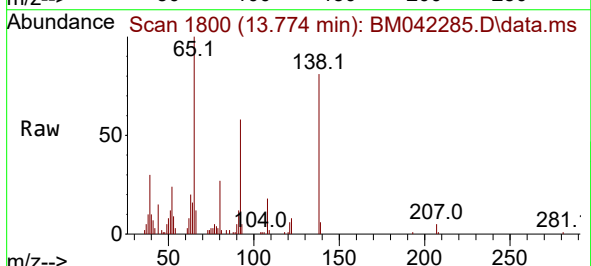
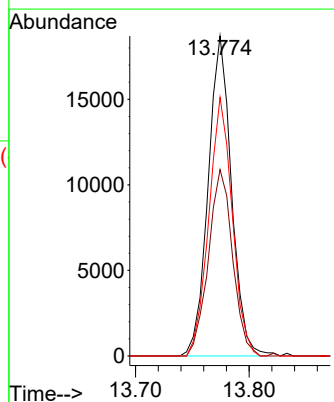
Manual Integrations
APPROVED

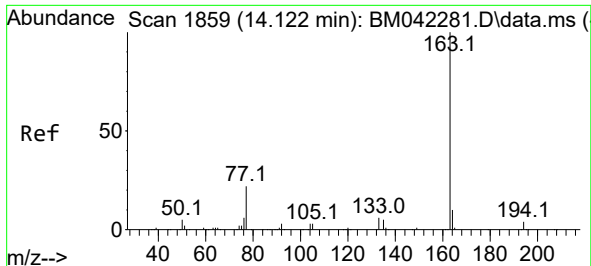
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#45
2-Nitroaniline
Concen: 3.576 ng/ul
RT: 13.774 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

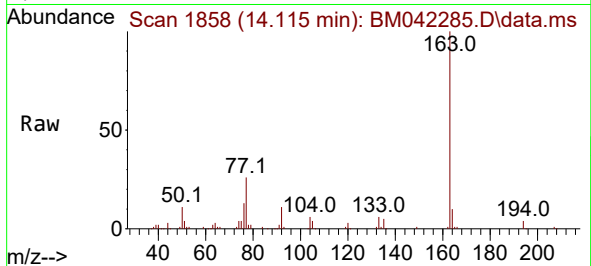
Tgt Ion: 65 Resp: 26718
Ion Ratio Lower Upper
65 100
92 58.2 50.0 75.0
138 80.8 66.4 99.6





#47
Dimethylphthalate
Concen: 4.626 ng/ul
RT: 14.115 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

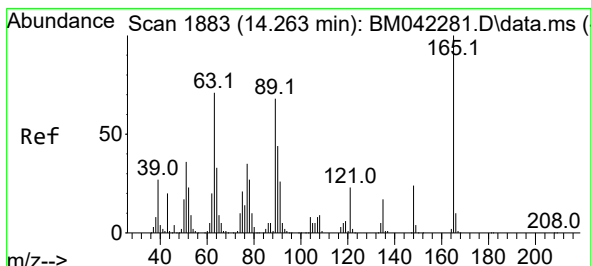
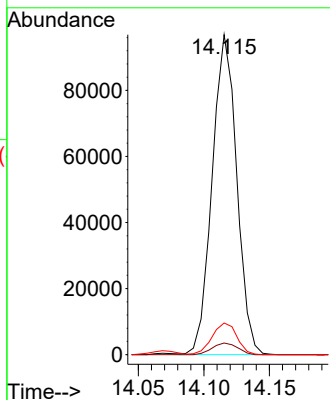
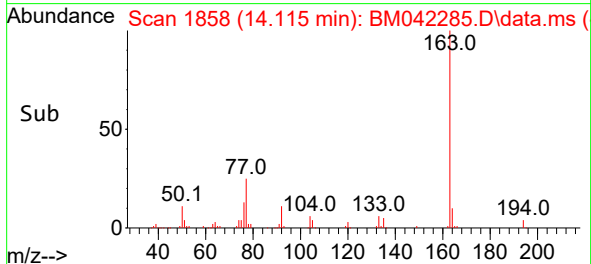
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



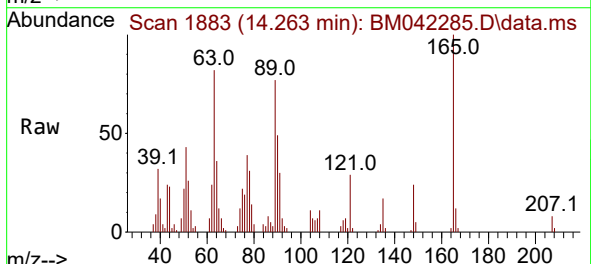
Tgt Ion:163 Resp: 126250
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.9 8.1 12.1

Manual Integrations
APPROVED

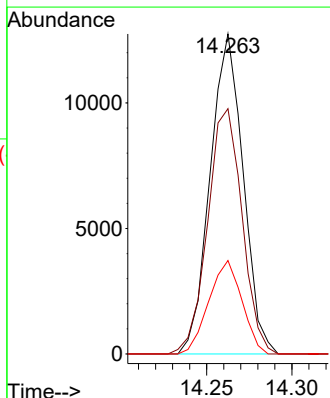
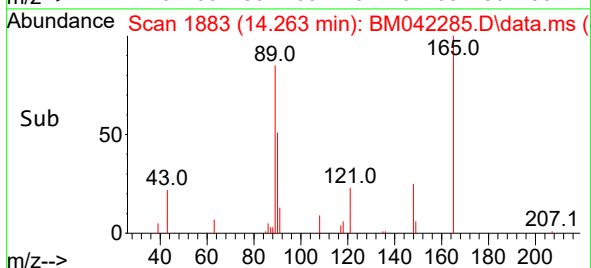
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

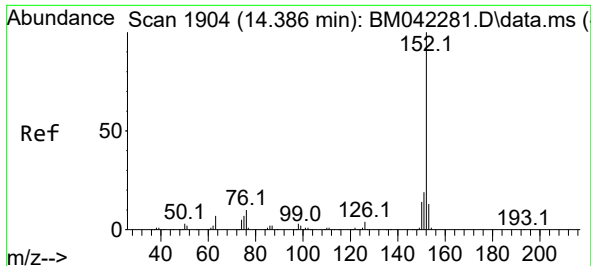


#48
2,6-Dinitrotoluene
Concen: 3.476 ng/ul
RT: 14.263 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10



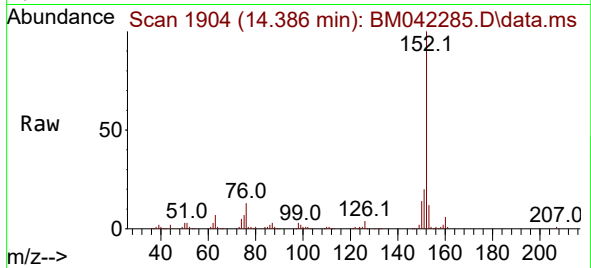
Tgt Ion:165 Resp: 17175
Ion Ratio Lower Upper
165 100
89 76.7 60.3 90.5
121 29.2 20.2 30.4





#50
Acenaphthylene
Concen: 4.737 ng/ul
RT: 14.386 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

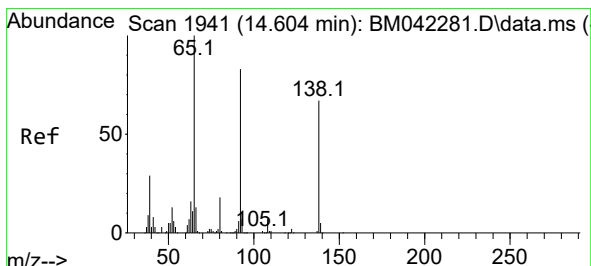
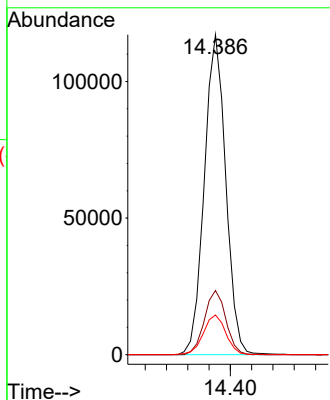
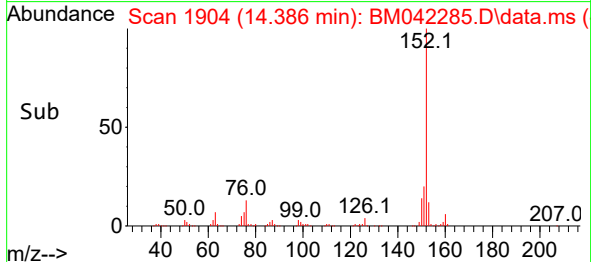
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:152 Resp: 16421
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.4 10.3 15.5

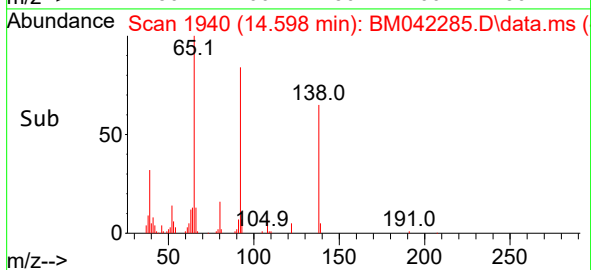
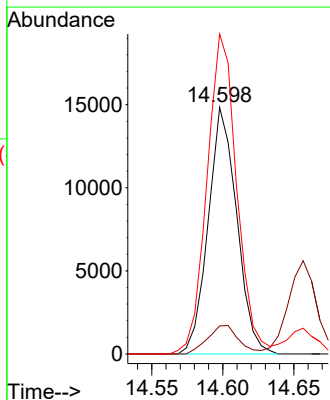
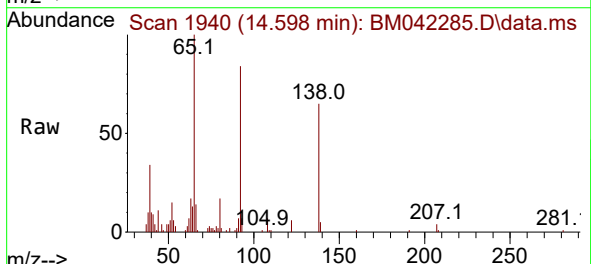
Manual Integrations
APPROVED

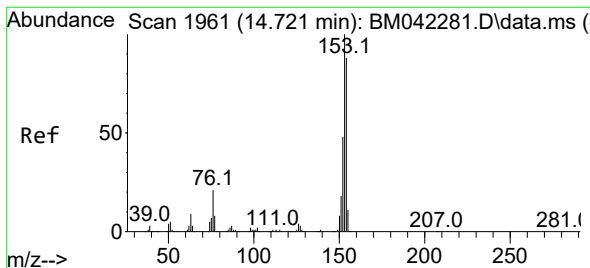
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#51
3-Nitroaniline
Concen: 3.567 ng/ul
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

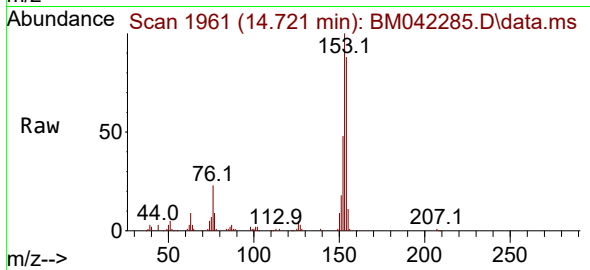
Tgt Ion:138 Resp: 20771
Ion Ratio Lower Upper
138 100
108 11.4 8.5 12.7
92 129.8 103.8 155.6





#52
Acenaphthene
Concen: 4.651 ng/ul
RT: 14.721 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

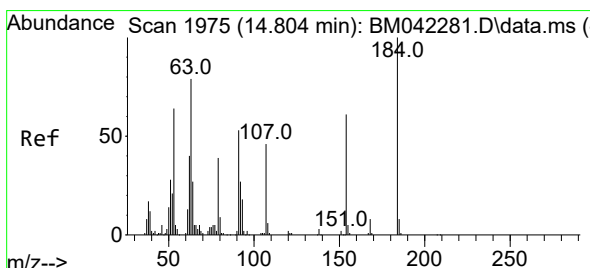
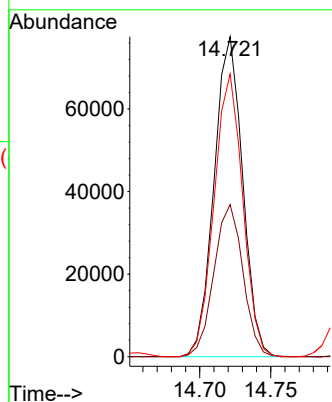
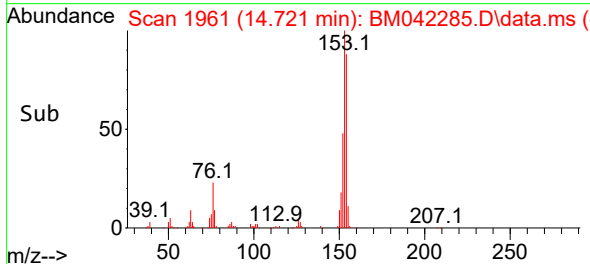
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



Tgt Ion:153 Resp: 108319
Ion Ratio Lower Upper
153 100
152 47.5 39.0 58.4
154 88.4 70.4 105.6

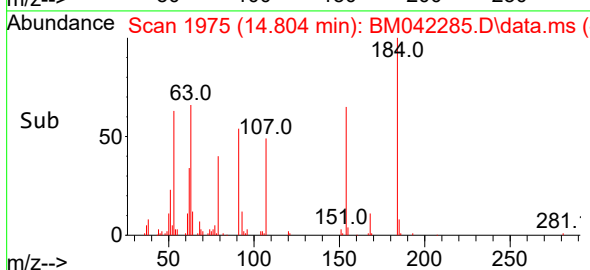
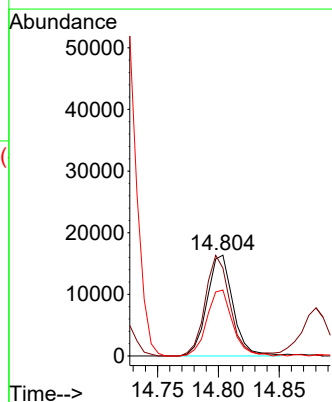
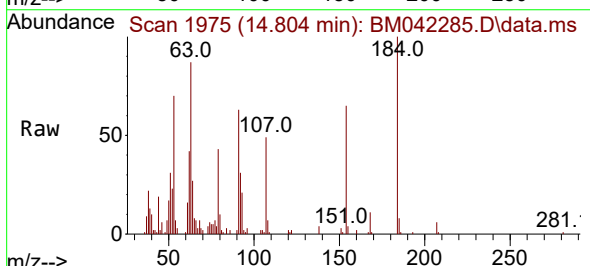
Manual Integrations
APPROVED

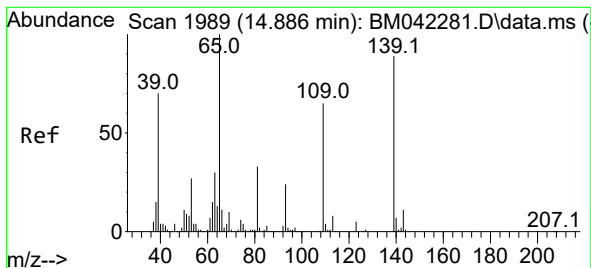
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#53
2,4-Dinitrophenol
Concen: 7.234 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

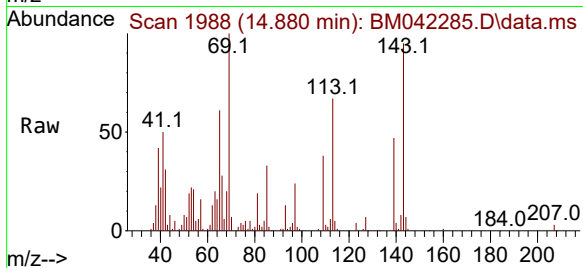
Tgt Ion:184 Resp: 24191
Ion Ratio Lower Upper
184 100
63 87.1 70.6 106.0
154 65.4 50.1 75.1





#55
4-Nitrophenol
Concen: 4.274 ng/ul
RT: 14.880 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

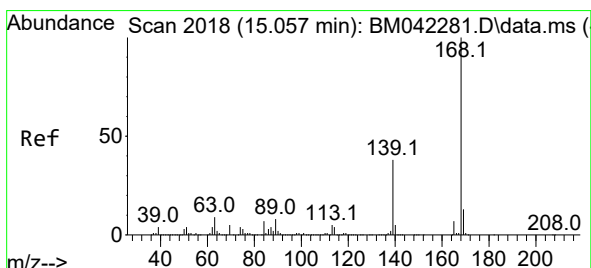
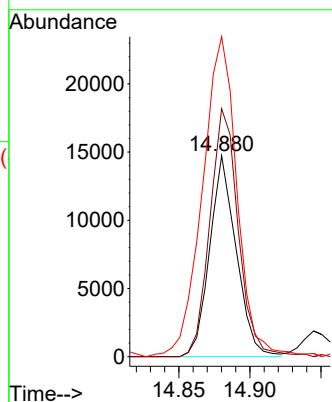
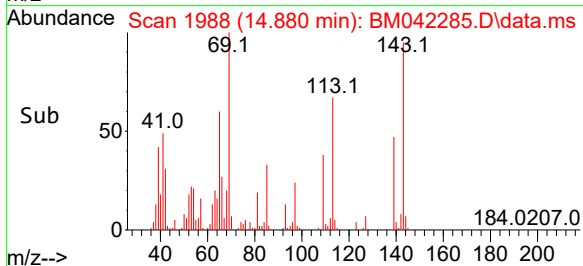
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:109 Resp: 1912
Ion Ratio Lower Upper
109 100
139 123.4 102.5 153.7
65 159.3 126.6 189.8

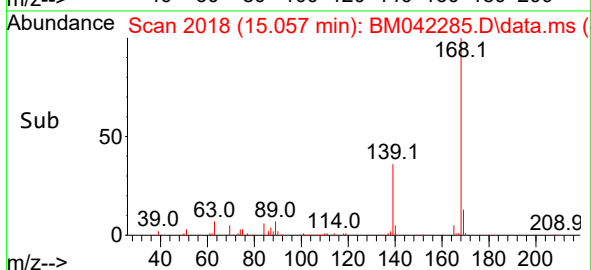
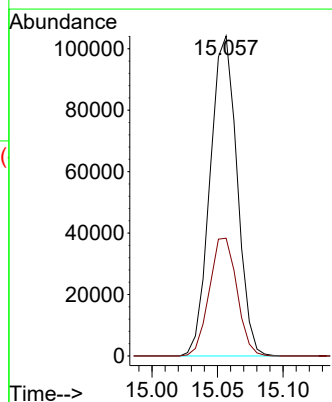
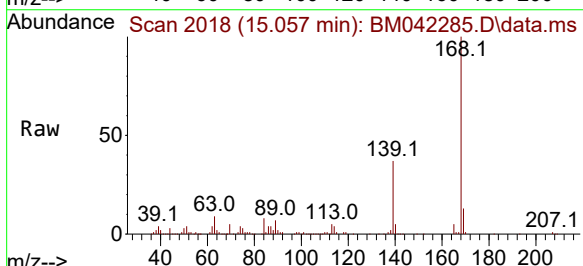
Manual Integrations
APPROVED

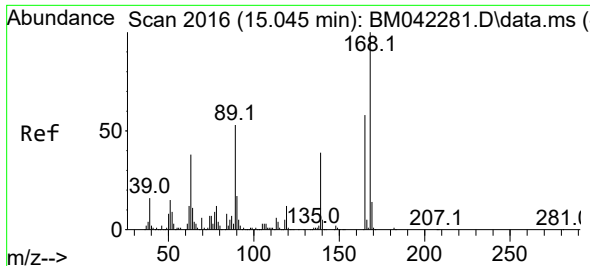
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#56
Dibenzofuran
Concen: 4.765 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Tgt Ion:168 Resp: 149079
Ion Ratio Lower Upper
168 100
139 36.8 30.7 46.1





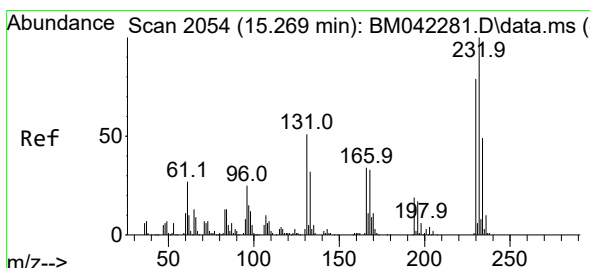
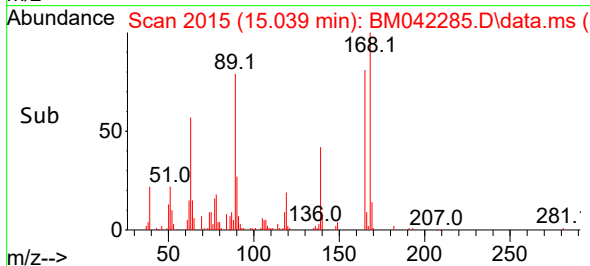
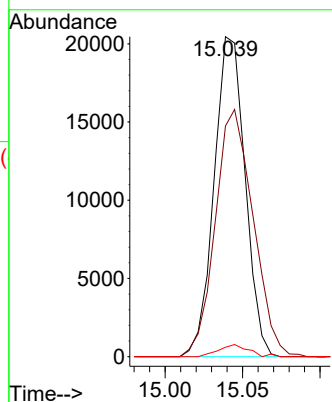
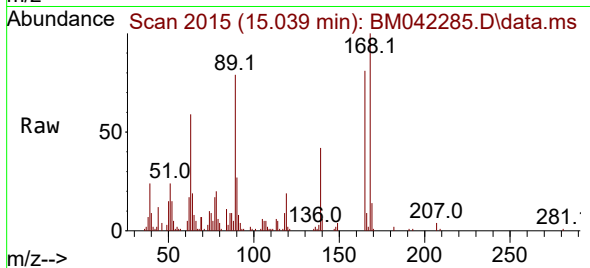
#57
2,4-Dinitrotoluene
Concen: 3.908 ng/ul
RT: 15.039 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03

Tgt Ion:165 Resp: 2846
Ion Ratio Lower Upper
165 100
63 72.1 57.5 86.3
182 3.0 2.0 3.0

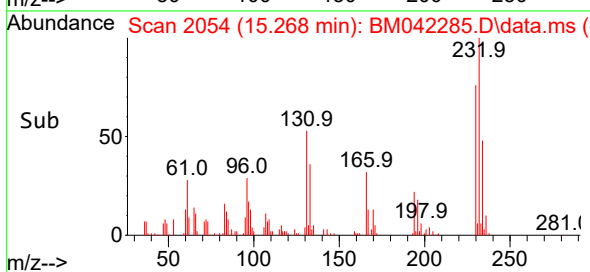
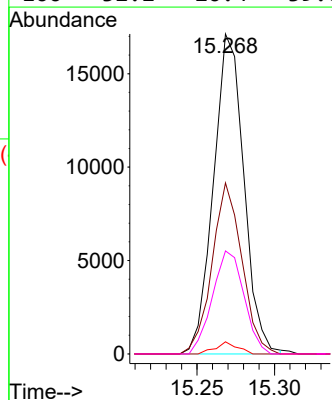
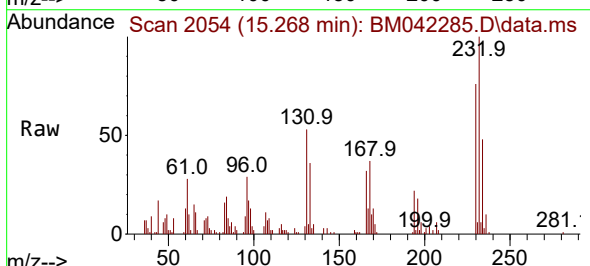
Manual Integrations
APPROVED

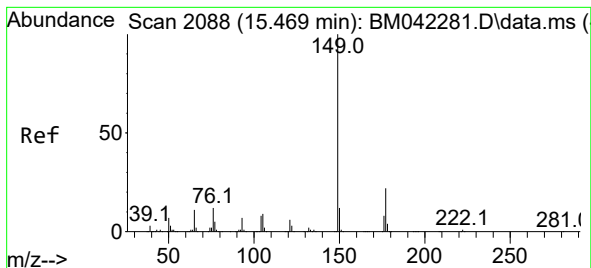
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.884 ng/ul
RT: 15.268 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

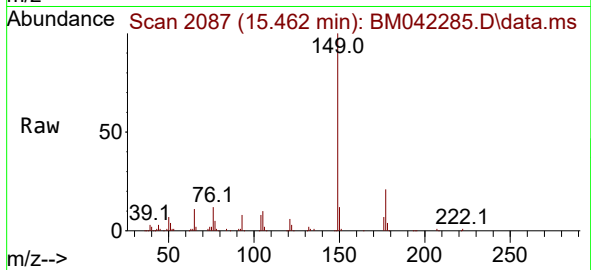
Tgt Ion:232 Resp: 23306
Ion Ratio Lower Upper
232 100
131 53.4 38.2 57.4
130 3.8 2.2 3.4#
166 32.2 26.4 39.6





#59
Diethylphthalate
Concen: 4.466 ng/ul
RT: 15.462 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

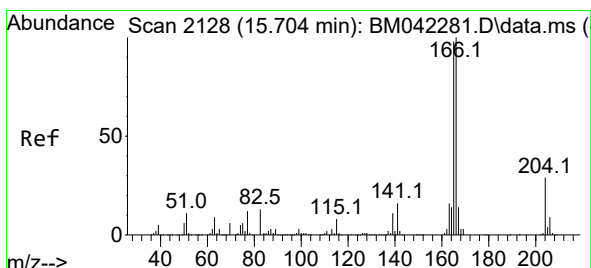
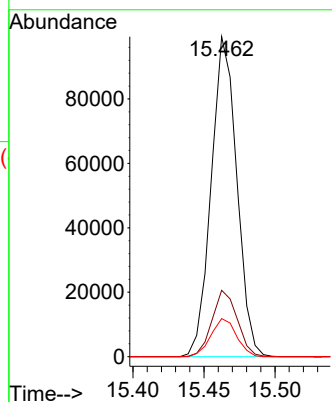
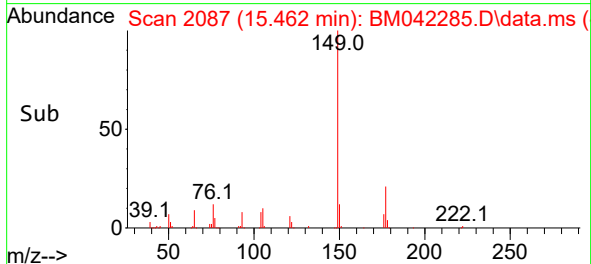
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:149 Resp: 124414
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 11.9 9.7 14.5

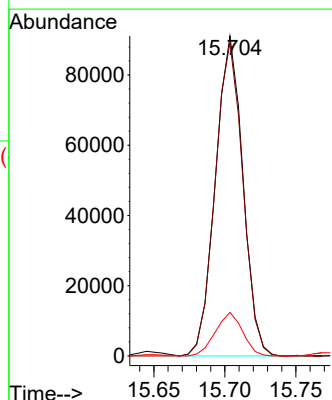
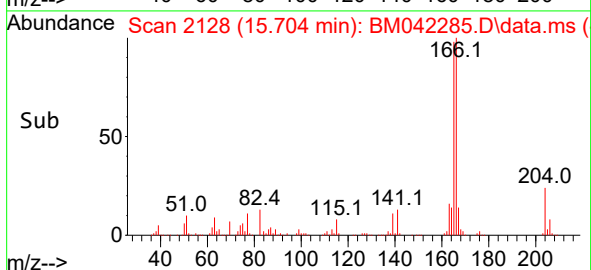
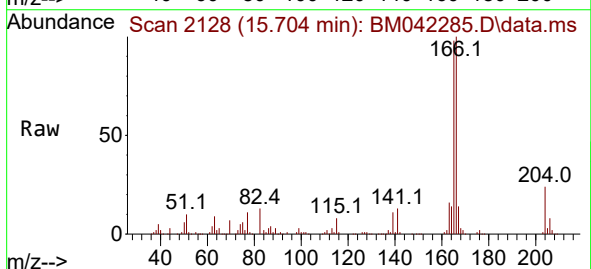
Manual Integrations
APPROVED

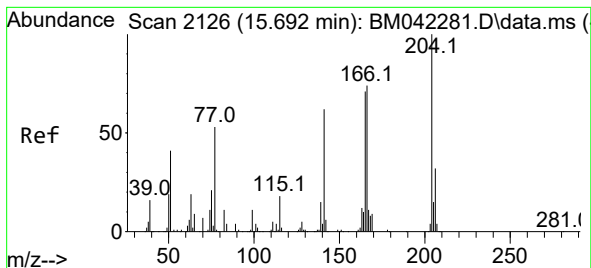
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#61
Fluorene
Concen: 4.712 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

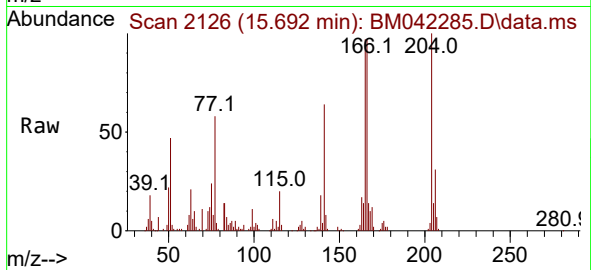
Tgt Ion:166 Resp: 122263
Ion Ratio Lower Upper
166 100
165 97.9 78.7 118.1
167 13.6 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.658 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

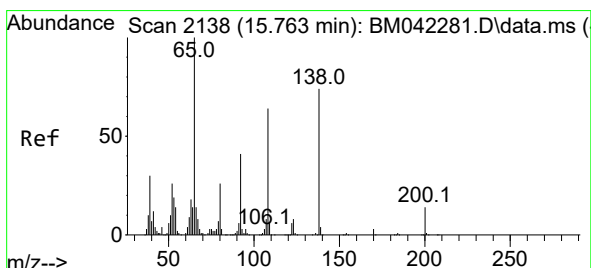
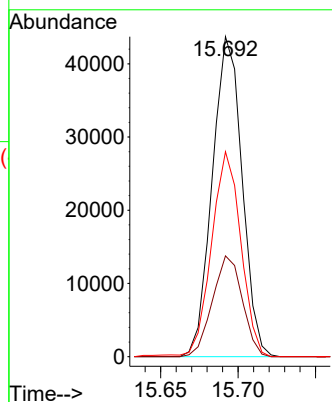
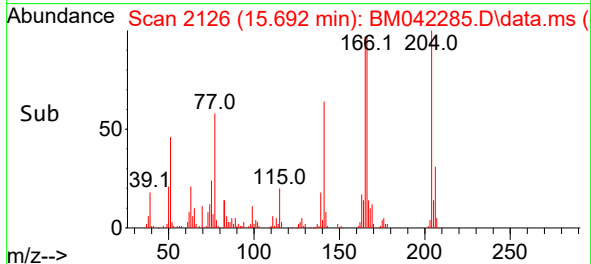
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:204 Resp: 58362
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 64.0 48.5 72.7

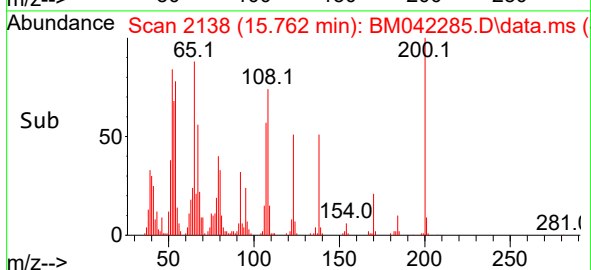
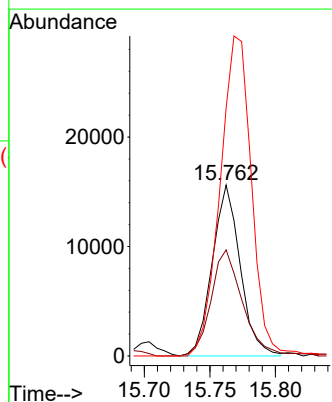
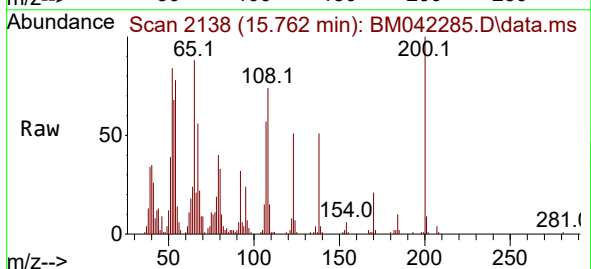
Manual Integrations
APPROVED

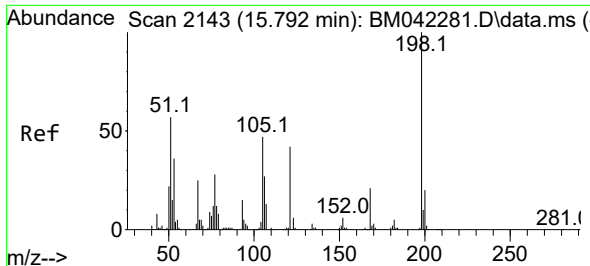
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#63
4-Nitroaniline
Concen: 4.445 ng/ul
RT: 15.762 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

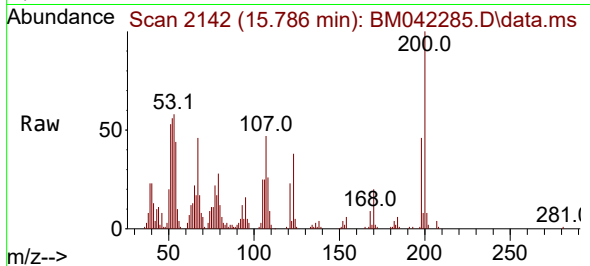
Tgt Ion:138 Resp: 23153
Ion Ratio Lower Upper
138 100
92 62.0 49.5 74.3
108 145.0 72.5 108.7#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.026 ng/ul
RT: 15.786 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

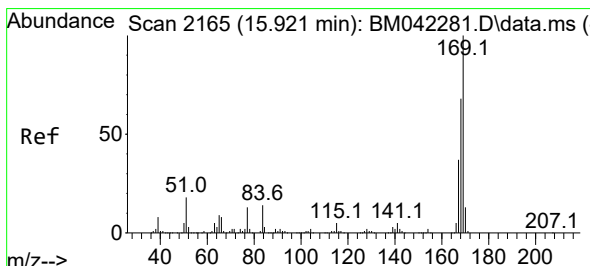
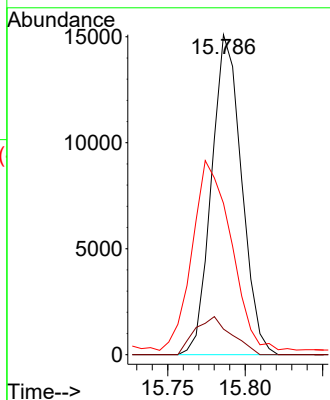
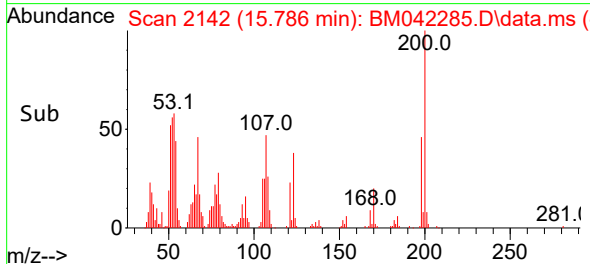
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:198 Resp: 20299
Ion Ratio Lower Upper
198 100
182 8.0 4.2 6.2
77 47.3 27.4 41.0

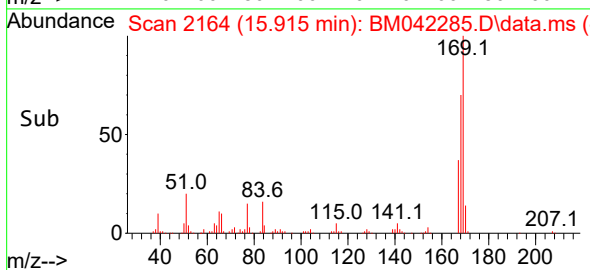
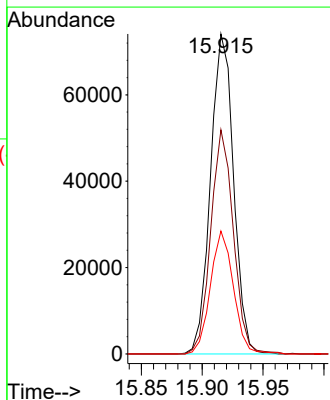
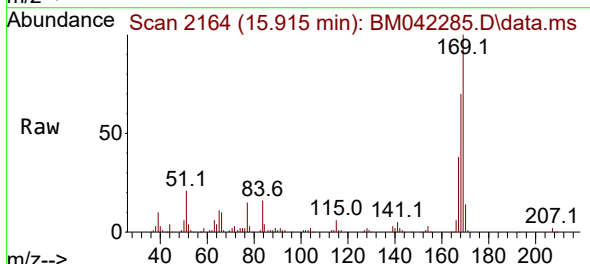
Manual Integrations
APPROVED

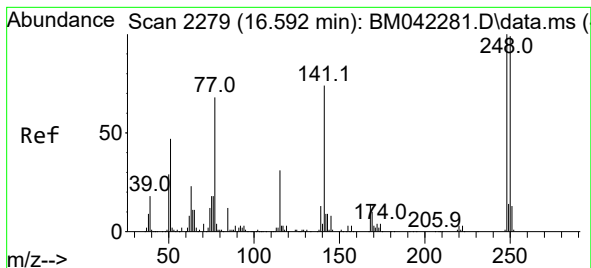
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#67
N-Nitrosodiphenylamine
Concen: 4.462 ng/ul
RT: 15.915 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

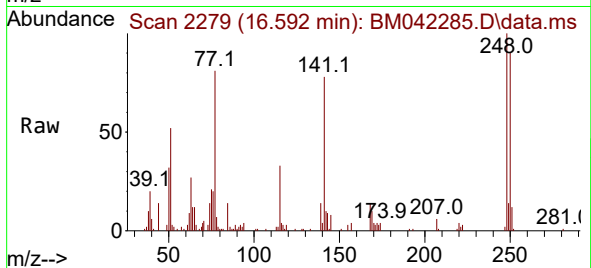
Tgt Ion:169 Resp: 97697
Ion Ratio Lower Upper
169 100
168 70.0 55.8 83.8
167 38.4 29.8 44.8





#68
4-Bromophenyl-phenylether
Concen: 4.361 ng/ul
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

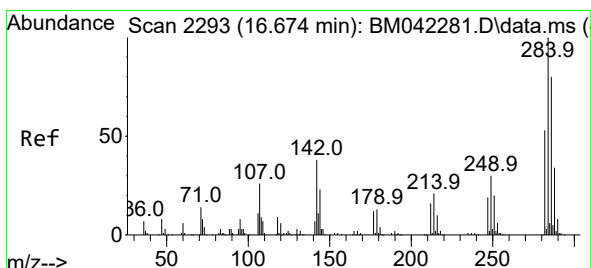
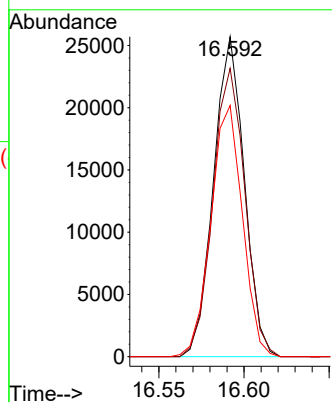
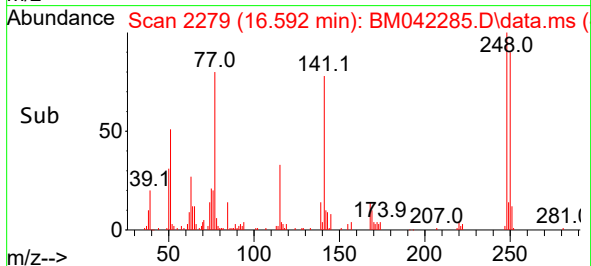
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



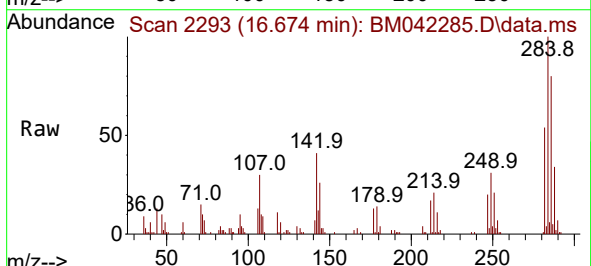
Tgt Ion:248 Resp: 3228
Ion Ratio Lower Upper
248 100
250 90.1 79.4 119.0
141 78.5 66.5 99.7

Manual Integrations
APPROVED

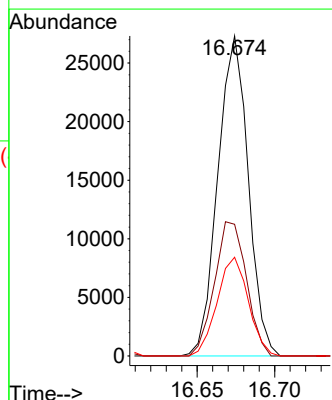
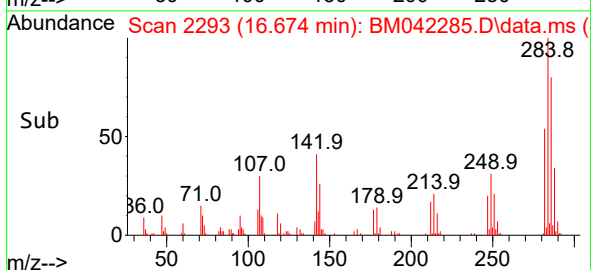
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

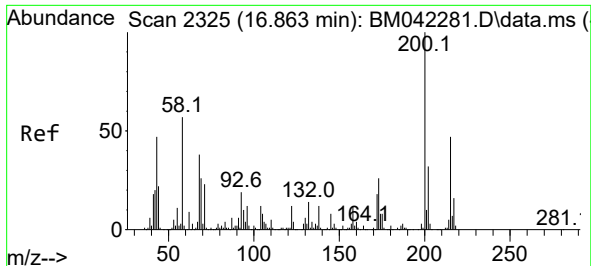


#69
Hexachlorobenzene
Concen: 4.423 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10



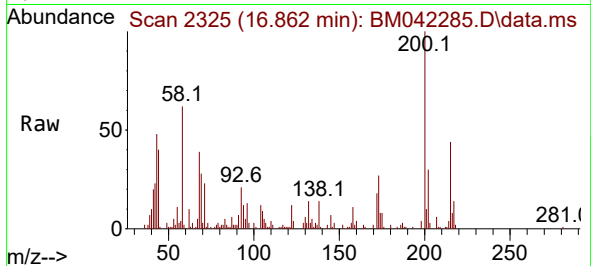
Tgt Ion:284 Resp: 37226
Ion Ratio Lower Upper
284 100
142 41.2 33.8 50.6
249 30.8 25.4 38.0





#70
Atrazine
Concen: 3.832 ng/ul
RT: 16.862 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

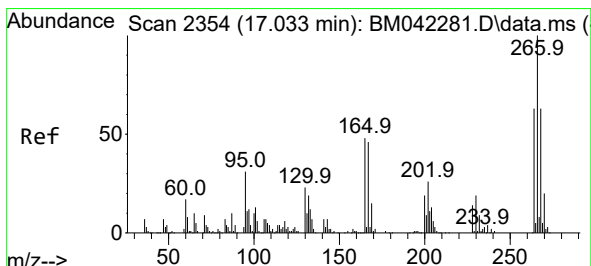
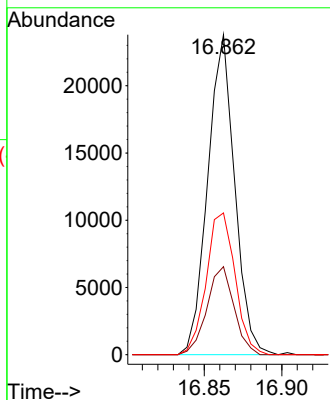
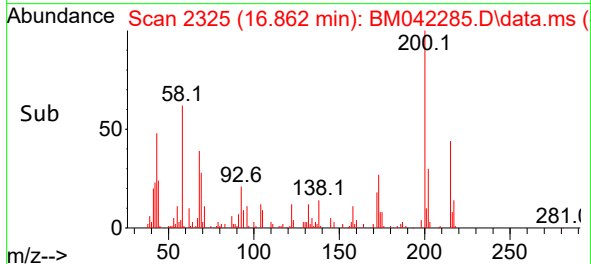
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:200 Resp: 2878
Ion Ratio Lower Upper
200 100
173 27.5 21.0 31.6
215 44.3 36.1 54.1

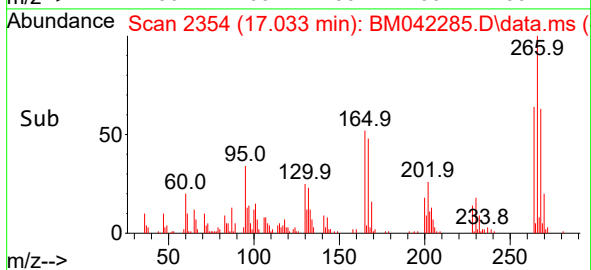
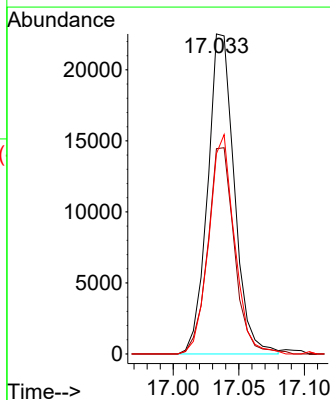
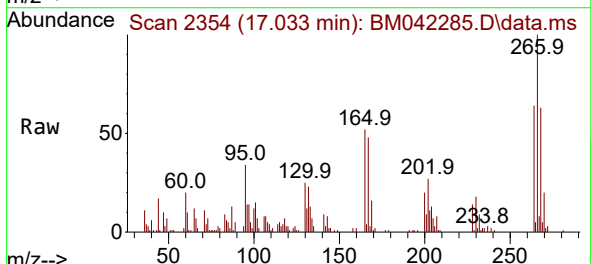
Manual Integrations
APPROVED

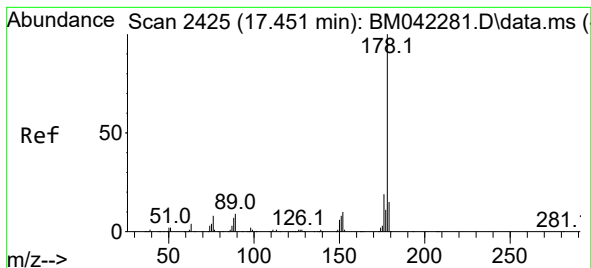
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#71
Pentachlorophenol
Concen: 5.594 ng/ul
RT: 17.033 min Scan# 2354
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Tgt Ion:266 Resp: 31905
Ion Ratio Lower Upper
266 100
264 64.2 51.2 76.8
268 62.6 52.6 78.8





#72

Phenanthrene

Concen: 4.590 ng/ul

RT: 17.451 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

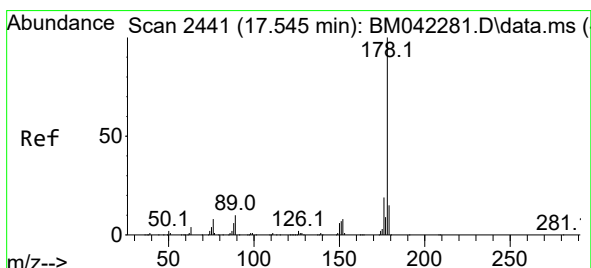
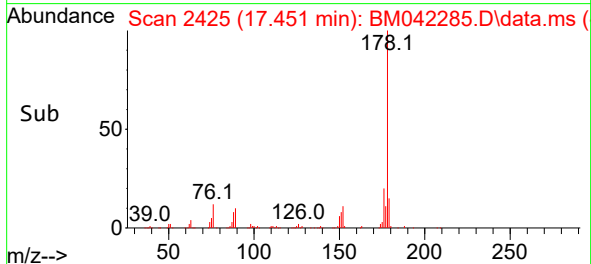
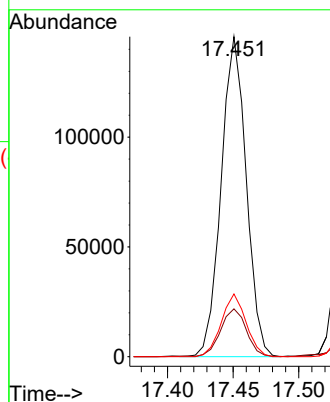
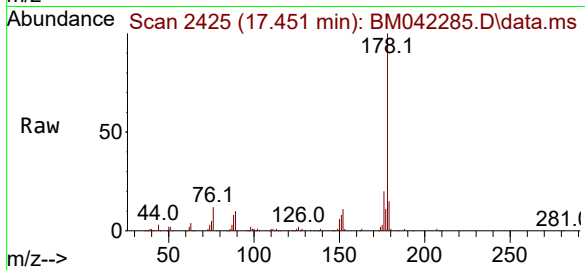
Tgt Ion:178 Resp: 193785
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.2 18.4
 176 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#74

Anthracene

Concen: 4.695 ng/ul

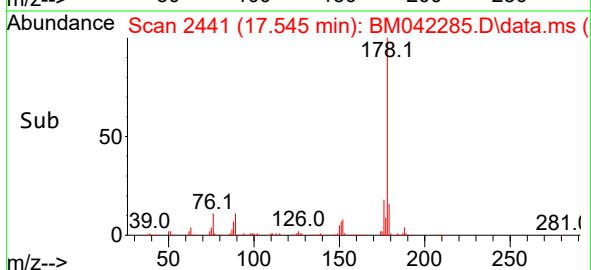
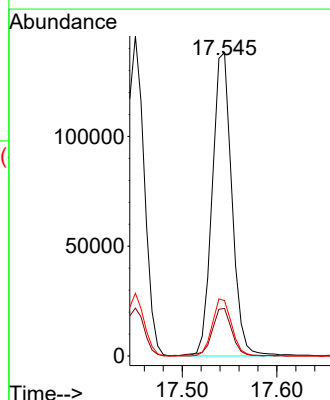
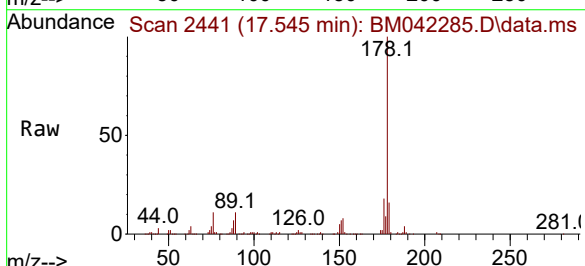
RT: 17.545 min Scan# 2441

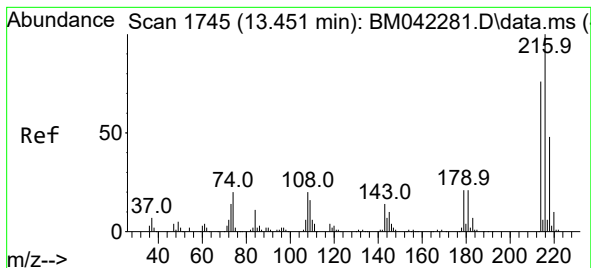
Delta R.T. -0.000 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

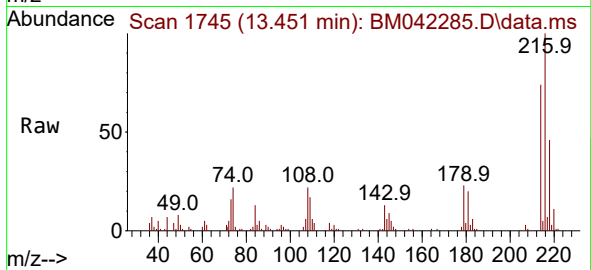
Tgt Ion:178 Resp: 199377
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.2 18.2
 176 18.3 15.0 22.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.304 ng/uL
RT: 13.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

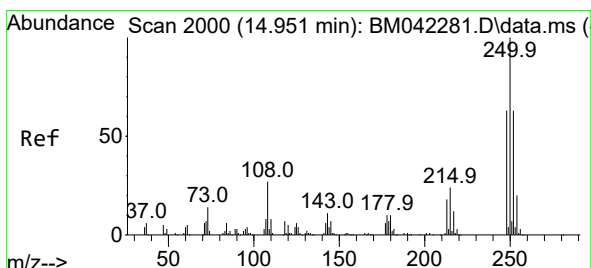
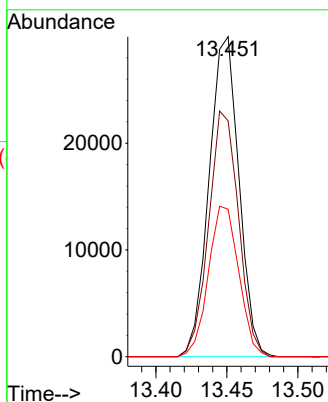
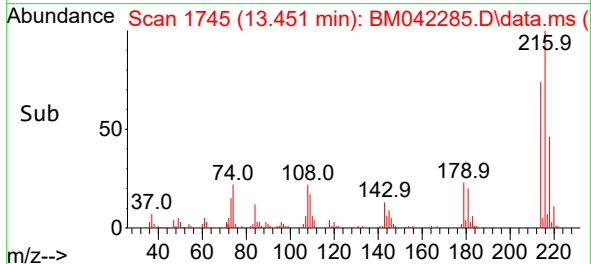
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



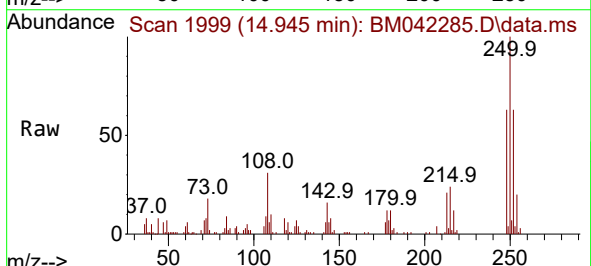
Tgt Ion:216 Resp: 4389
Ion Ratio Lower Upper
216 100
214 73.7 62.0 93.0
218 46.1 38.8 58.2

Manual Integrations
APPROVED

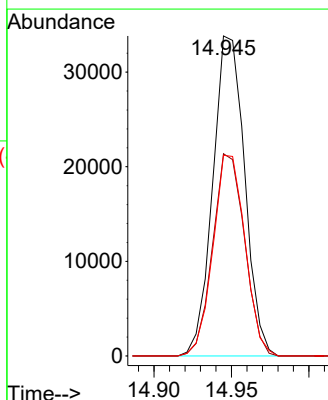
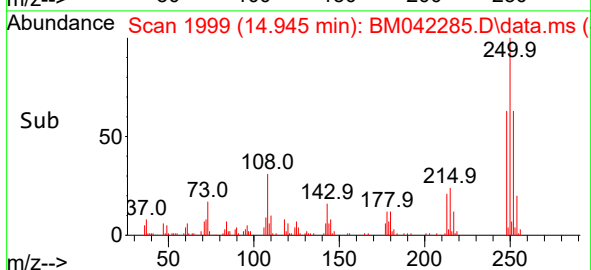
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

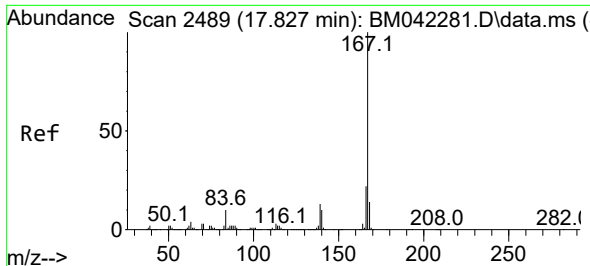


#76
Pentachlorobenzene
Concen: 4.830 ng/uL
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10



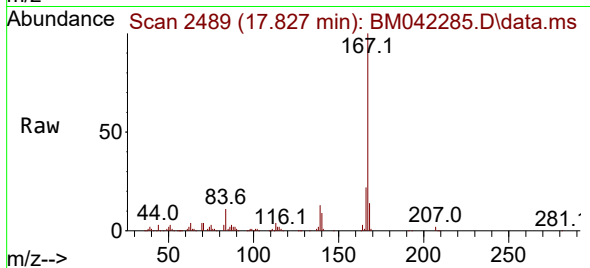
Tgt Ion:250 Resp: 48356
Ion Ratio Lower Upper
250 100
248 63.2 51.1 76.7
252 62.7 52.9 79.3





#77
 Carbazole
 Concen: 4.233 ng/ul
 RT: 17.827 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BM042285.D
 Acq: 13 Oct 2023 15:10

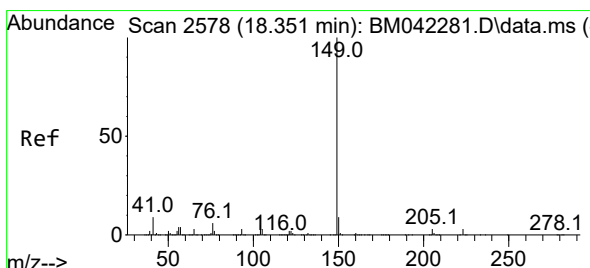
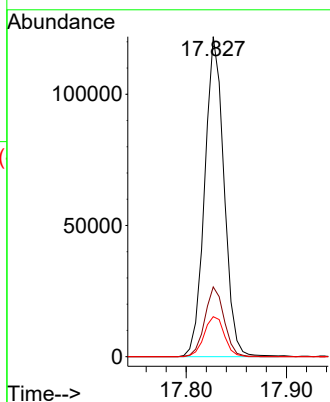
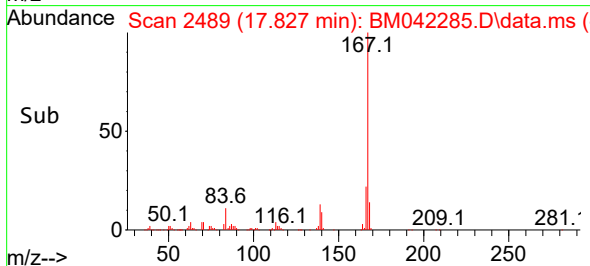
Instrument : BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-03



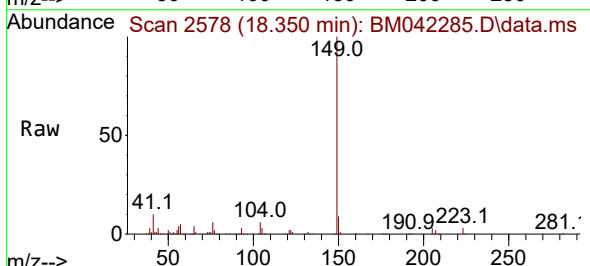
Tgt Ion:167 Resp: 163733
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.5 10.6 16.0

Manual Integrations
 APPROVED

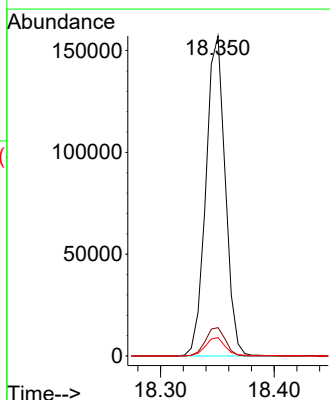
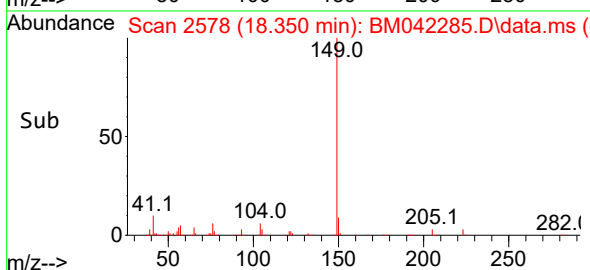
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

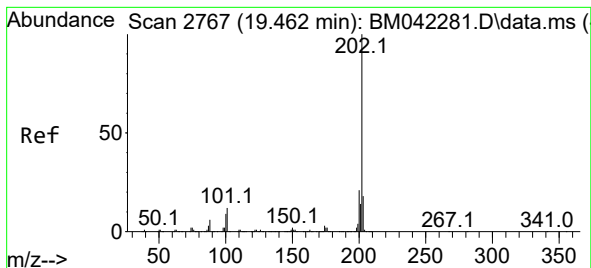


#78
 Di-n-butylphthalate
 Concen: 3.797 ng/ul
 RT: 18.350 min Scan# 2578
 Delta R.T. -0.000 min
 Lab File: BM042285.D
 Acq: 13 Oct 2023 15:10



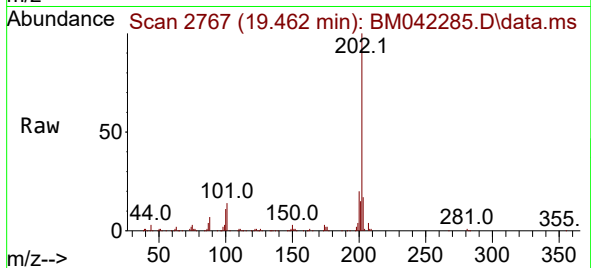
Tgt Ion:149 Resp: 185934
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.8 4.6 6.8





#80
Fluoranthene
Concen: 4.309 ng/ul
RT: 19.462 min Scan# 2767
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

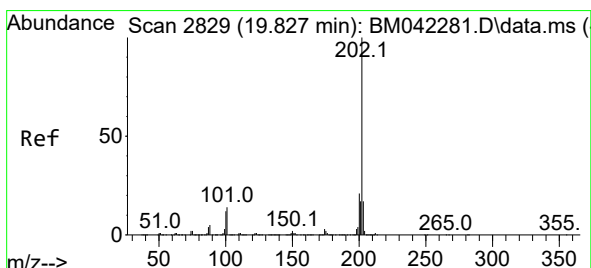
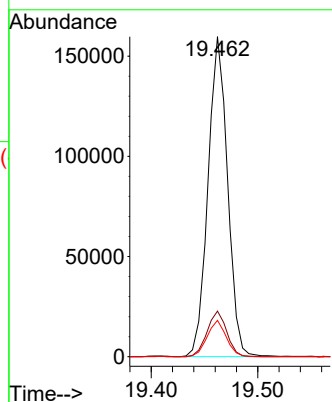
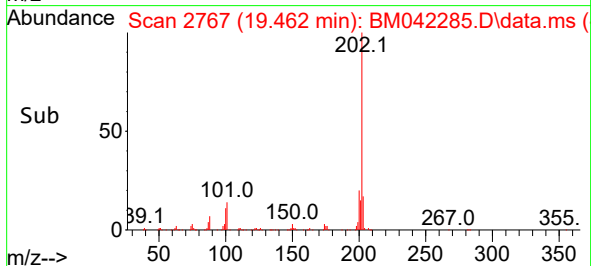
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



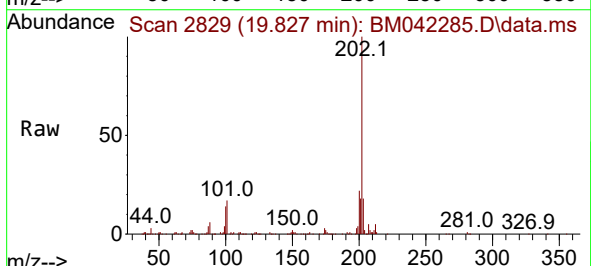
Tgt Ion:202 Resp: 203760
Ion Ratio Lower Upper
202 100
101 14.2 10.8 16.2
100 11.4 8.3 12.5

Manual Integrations
APPROVED

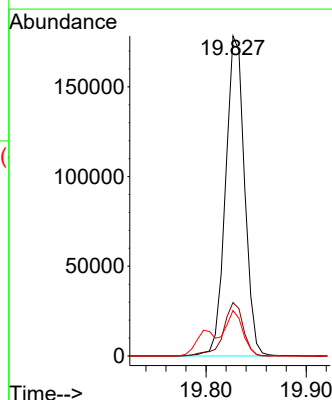
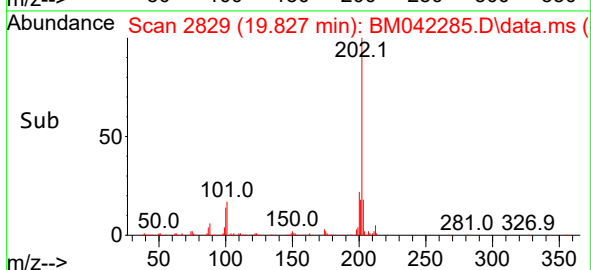
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

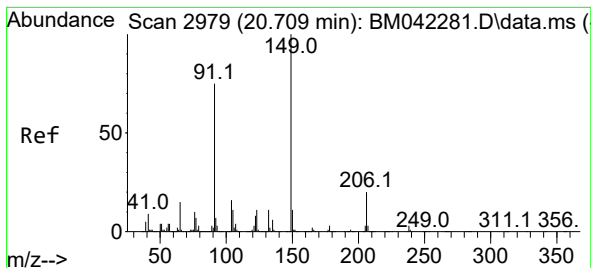


#82
Pyrene
Concen: 4.707 ng/ul
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10



Tgt Ion:202 Resp: 233983
Ion Ratio Lower Upper
202 100
101 16.7 11.9 17.9
100 14.2 9.9 14.9





#83

Butylbenzylphthalate

Concen: 3.514 ng/ul

RT: 20.709 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

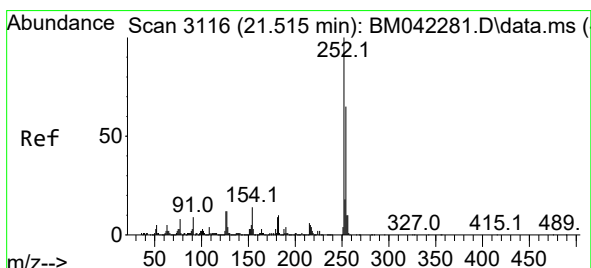
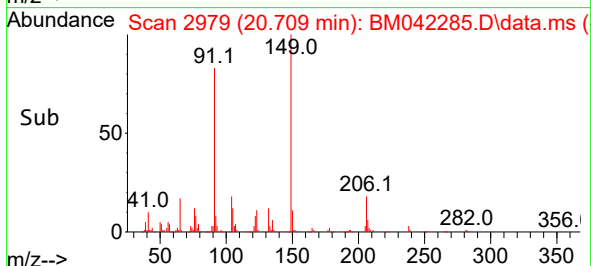
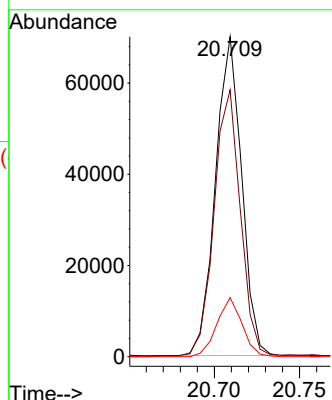
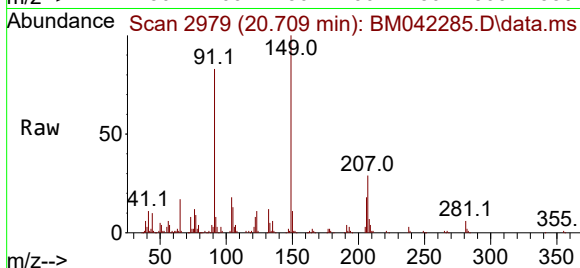
Tgt Ion:	149	Resp:	74470
Ion Ratio	Lower	Upper	
149	100		
91	83.4	67.1	100.7
206	18.4	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.582 ng/ul

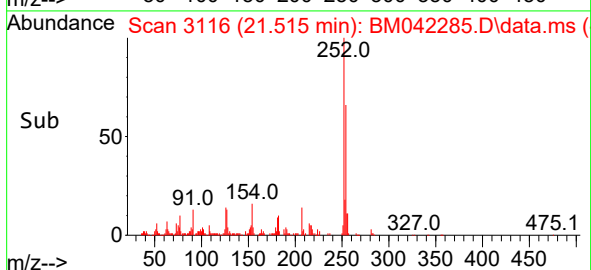
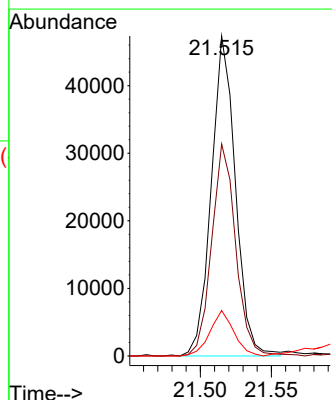
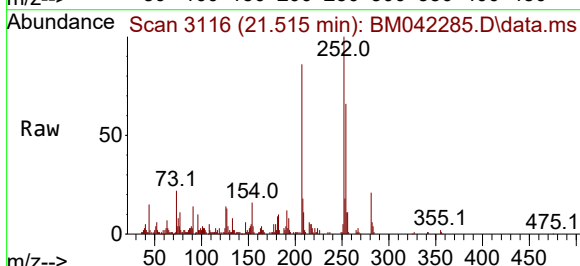
RT: 21.515 min Scan# 3116

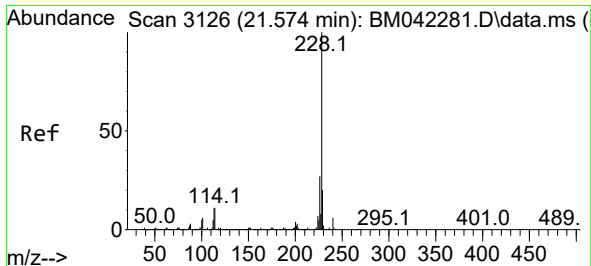
Delta R.T. -0.006 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

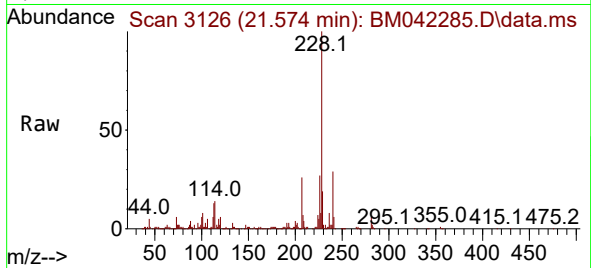
Tgt Ion:	252	Resp:	56060
Ion Ratio	Lower	Upper	
252	100		
254	66.3	52.5	78.7
126	14.2	10.4	15.6





#85
Benzo(a)anthracene
Concen: 4.285 ng/ul
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

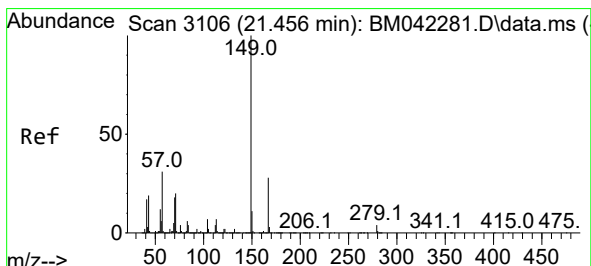
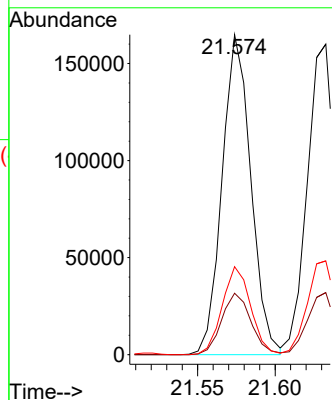
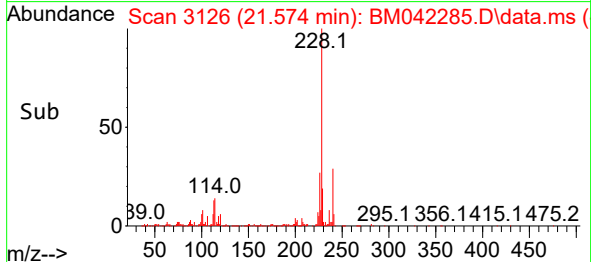
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:228 Resp: 212958
Ion Ratio Lower Upper
228 100
229 19.2 15.9 23.9
226 27.5 22.2 33.4

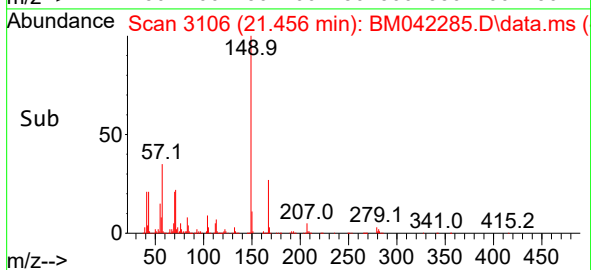
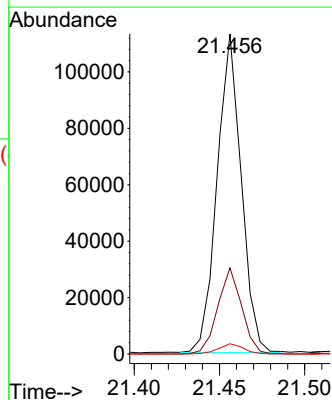
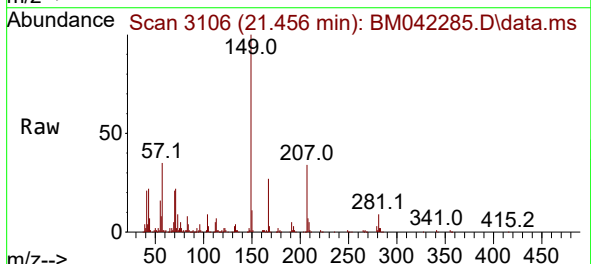
Manual Integrations
APPROVED

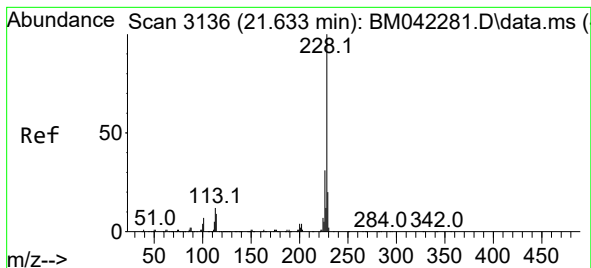
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.559 ng/ul
RT: 21.456 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM042285.D
Acq: 13 Oct 2023 15:10

Tgt Ion:149 Resp: 111424
Ion Ratio Lower Upper
149 100
167 26.9 21.1 31.7
279 3.2 2.4 3.6





#87

Chrysene

Concen: 4.504 ng/ul

RT: 21.633 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

Tgt Ion:228 Resp: 205870

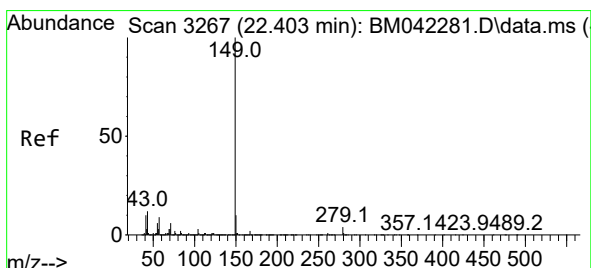
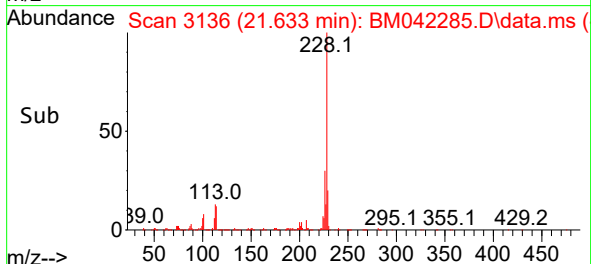
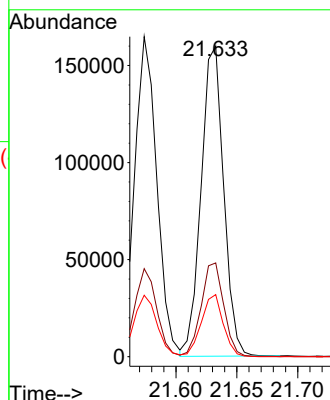
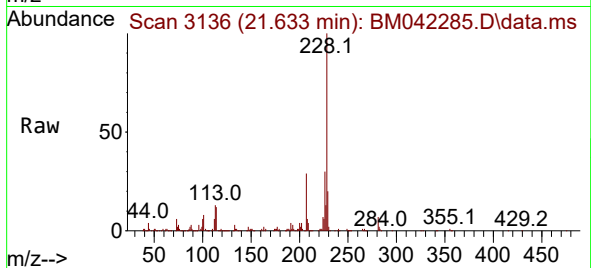
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#89

Di-n-octyl phthalate

Concen: 3.371 ng/ul

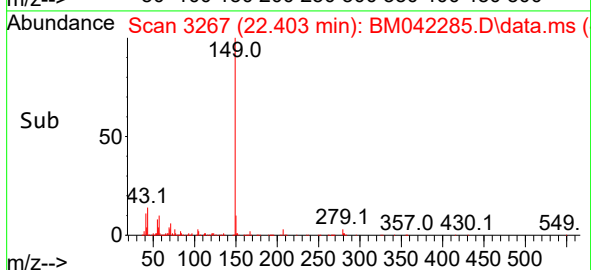
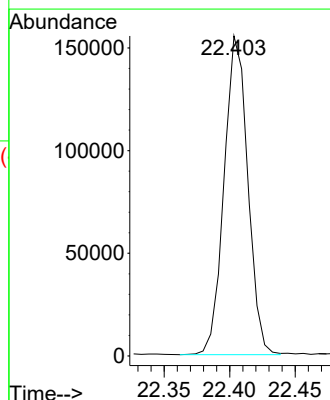
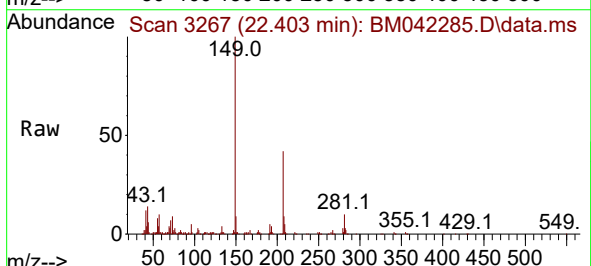
RT: 22.403 min Scan# 3267

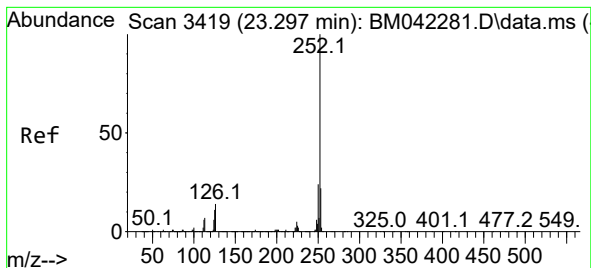
Delta R.T. -0.006 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Tgt Ion:149 Resp: 195087





#90

Benzo(b)fluoranthene

Concen: 4.272 ng/ul

RT: 23.297 min Scan# 3419

Delta R.T. -0.012 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Instrument :

BNA_M

ClientSampleId :

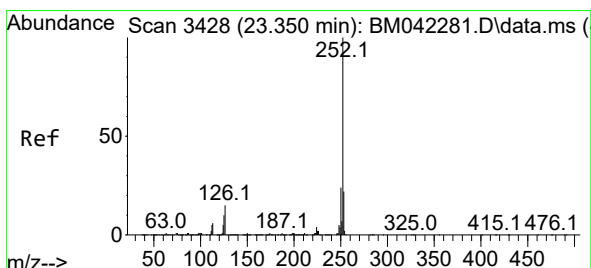
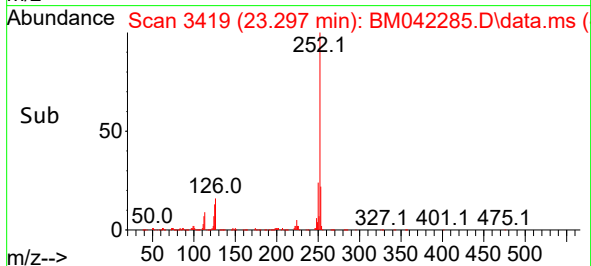
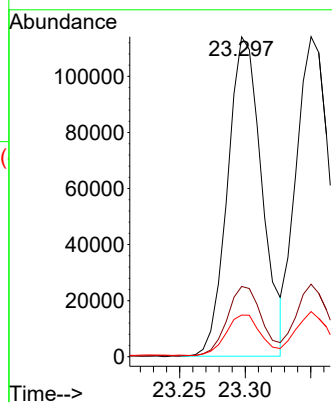
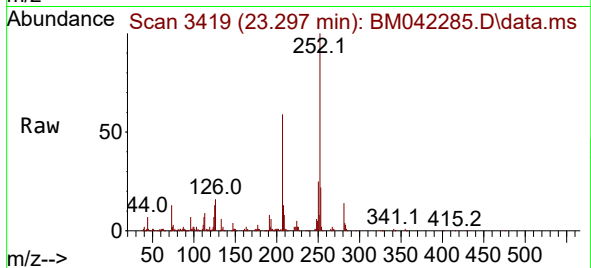
MDL-MED-SOIL-QT2-2023-03

Tgt Ion:252 Resp: 20795
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 13.0 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023



#91

Benzo(k)fluoranthene

Concen: 4.172 ng/ul

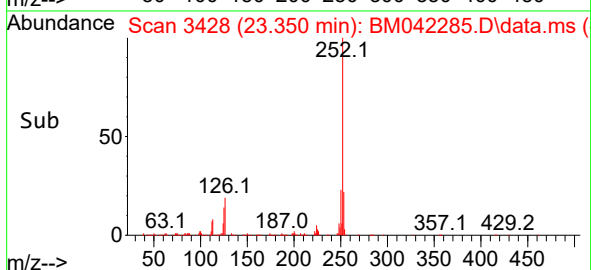
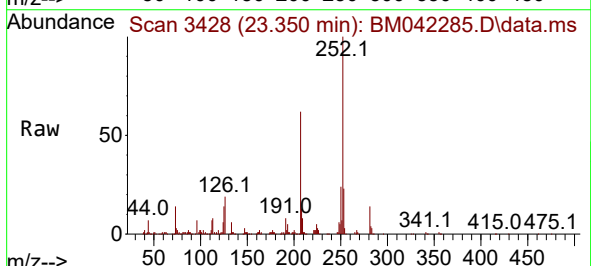
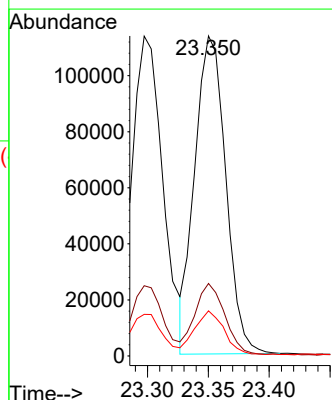
RT: 23.350 min Scan# 3428

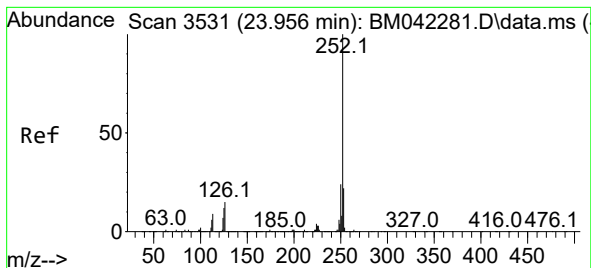
Delta R.T. -0.006 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Tgt Ion:252 Resp: 200856
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.7 26.5
 125 14.1 9.8 14.6





#93

Benzo(a)pyrene

Concen: 4.435 ng/ul

RT: 23.956 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

Tgt Ion:252 Resp: 20204

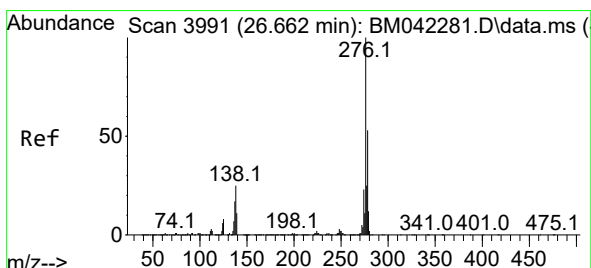
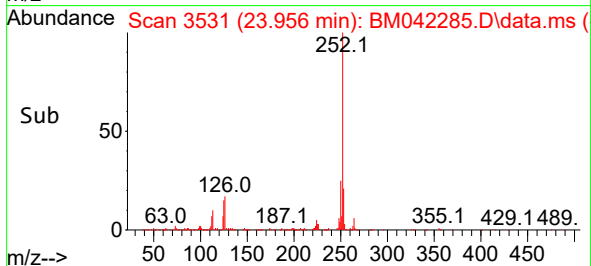
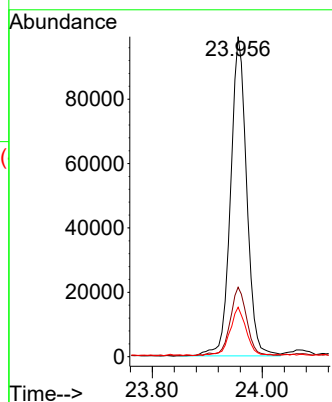
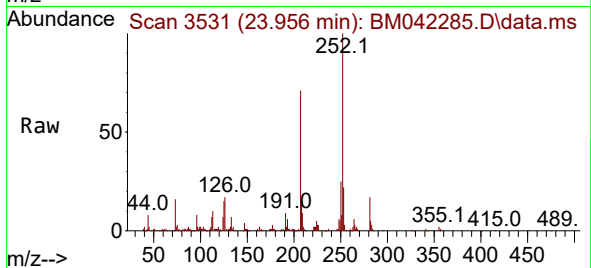
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	15.4	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.991 ng/ul

RT: 26.668 min Scan# 3992

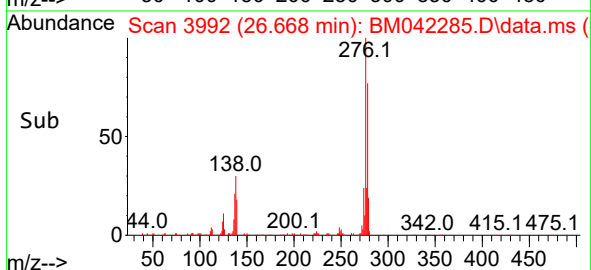
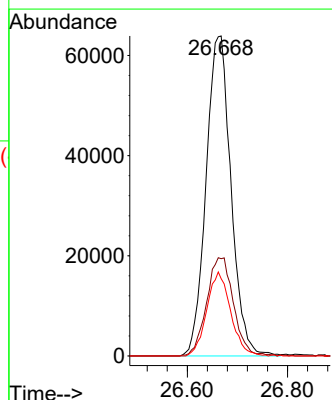
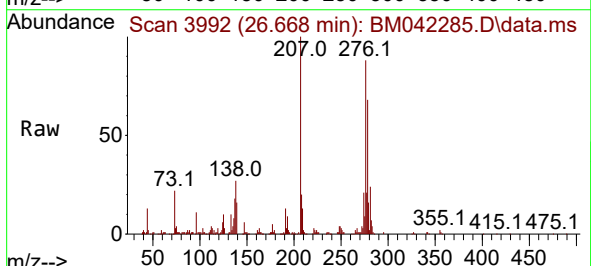
Delta R.T. -0.006 min

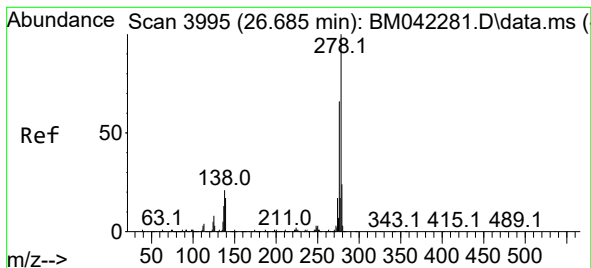
Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Tgt Ion:276 Resp: 220828

Ion	Ratio	Lower	Upper
276	100		
138	30.4	22.8	34.2
277	24.2	20.0	30.0





#95

Dibenzo(a,h)anthracene

Concen: 3.996 ng/ul

RT: 26.685 min Scan# 3995

Delta R.T. -0.006 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

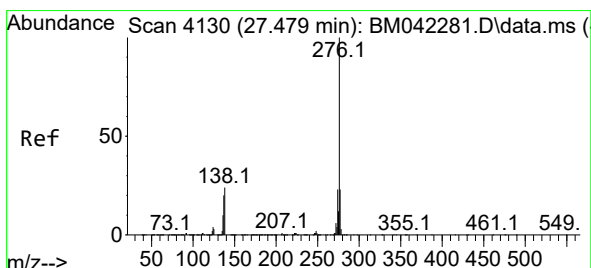
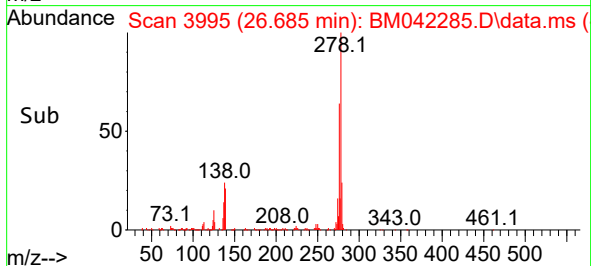
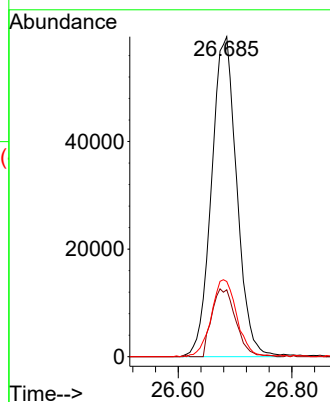
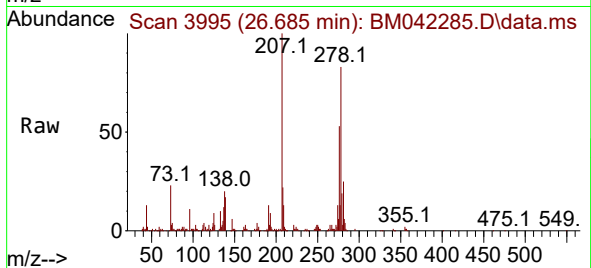
Tgt Ion:	278	Resp:	18340
Ion Ratio	Lower	Upper	
278	100		
139	20.9	15.8	23.8
279	23.5	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#96

Benzo(g,h,i)perylene

Concen: 4.077 ng/ul

RT: 27.473 min Scan# 4129

Delta R.T. -0.018 min

Lab File: BM042285.D

Acq: 13 Oct 2023 15:10

Tgt Ion:	276	Resp:	176481
Ion Ratio	Lower	Upper	
276	100		
138	28.3	22.1	33.1
277	24.4	19.4	29.0

