

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044813.D
 Acq On : 29 Mar 2024 12:34
 Operator : MA/JU
 Sample : P1869-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024

Quant Time: Mar 29 13:08:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	99618	20.000	ng	0.00
21) Naphthalene-d8	10.445	136	374088	20.000	ng	-0.01
39) Acenaphthene-d10	14.315	164	201804	20.000	ng	0.00
64) Phenanthrene-d10	17.068	188	385346	20.000	ng	-0.01
76) Chrysene-d12	21.268	240	401835	20.000	ng	-0.01
86) Perylene-d12	23.503	264	499132	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	880176	126.541	ng	0.00
7) Phenol-d6	6.851	99	1010164	111.963	ng	0.00
23) Nitrobenzene-d5	8.828	82	726562	87.556	ng	-0.01
42) 2,4,6-Tribromophenol	15.815	330	338920	153.690	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	1312328	83.289	ng	-0.01
79) Terphenyl-d14	19.715	244	1903449	80.276	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.275	88	107607	39.147	ng	Qvalue
3) Pyridine	3.663	79	217667	28.179	ng	# 47
4) n-Nitrosodimethylamine	3.575	42	173432	42.792	ng	98
6) Aniline	7.010	93	118820	11.308	ng	98
8) 2-Chlorophenol	7.234	128	308738	43.822	ng	98
9) Benzaldehyde	6.828	77	41273m	8.797	ng	
10) Phenol	6.875	94	348631	39.137	ng	98
11) bis(2-Chloroethyl)ether	7.110	93	295022	42.072	ng	98
12) 1,3-Dichlorobenzene	7.551	146	322905	43.870	ng	97
13) 1,4-Dichlorobenzene	7.704	146	328968	43.985	ng	99
14) 1,2-Dichlorobenzene	8.010	146	316353	43.876	ng	99
15) Benzyl Alcohol	7.916	79	274461	44.422	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.186	45	460460	43.478	ng	97
17) 2-Methylphenol	8.110	107	239069	38.017	ng	99
18) Hexachloroethane	8.722	117	127492	43.723	ng	98
19) n-Nitroso-di-n-propyla...	8.481	70	225376	41.281	ng	97
20) 3+4-Methylphenols	8.439	107	329233	38.743	ng	97
22) Acetophenone	8.492	105	448925	44.247	ng	# 99
24) Nitrobenzene	8.869	77	352602	43.497	ng	98
25) Isophorone	9.392	82	603264	45.083	ng	99
26) 2-Nitrophenol	9.569	139	157689	44.131	ng	98
27) 2,4-Dimethylphenol	9.633	122	203770	34.735	ng	98
28) bis(2-Chloroethoxy)met...	9.875	93	363856	43.254	ng	98
29) 2,4-Dichlorophenol	10.098	162	257444	45.217	ng	99
30) 1,2,4-Trichlorobenzene	10.304	180	272422	45.469	ng	98
31) Naphthalene	10.492	128	880538	42.851	ng	99
32) Benzoic acid	9.775	122	183362	41.638	ng	95
33) 4-Chloroaniline	10.627	127	45792	5.407	ng	97
34) Hexachlorobutadiene	10.763	225	153010	43.013	ng	98
35) Caprolactam	11.422	113	73007	44.013	ng	94
36) 4-Chloro-3-methylphenol	11.745	107	266846	45.073	ng	98
37) 2-Methylnaphthalene	12.116	142	566069	41.981	ng	100
38) 1-Methylnaphthalene	12.333	142	528696	42.067	ng	99
40) 1,2,4,5-Tetrachloroben...	12.480	216	272239	43.133	ng	99
41) Hexachlorocyclopentadiene	12.451	237	296143	87.426	ng	100
43) 2,4,6-Trichlorophenol	12.733	196	188021	44.512	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
 Response via : Initial Calibration

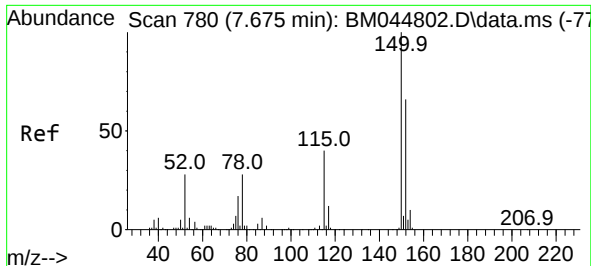
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	201466	41.414	ng	99
46) 1,1'-Biphenyl	13.139	154	704716	43.150	ng	100
47) 2-Chloronaphthalene	13.180	162	545805	44.430	ng	100
48) 2-Nitroaniline	13.404	65	194645	45.745	ng	97
49) Acenaphthylene	14.033	152	899756	46.212	ng	99
50) Dimethylphthalate	13.786	163	657206	46.315	ng	99
51) 2,6-Dinitrotoluene	13.910	165	144253	46.908	ng	97
52) Acenaphthene	14.380	154	496759	43.127	ng	99
53) 3-Nitroaniline	14.239	138	83745	23.906	ng	96
54) 2,4-Dinitrophenol	14.457	184	179769	93.850	ng	98
55) Dibenzofuran	14.715	168	800367	44.287	ng	98
56) 4-Nitrophenol	14.557	139	270781	100.440	ng	99
57) 2,4-Dinitrotoluene	14.704	165	199549	51.718	ng	100
58) Fluorene	15.368	166	638483	45.975	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	163964	47.236	ng	99
60) Diethylphthalate	15.157	149	661963	49.687	ng	99
61) 4-Chlorophenyl-phenyle...	15.368	204	299661	45.474	ng	97
62) 4-Nitroaniline	15.409	138	160653m	47.754	ng	
63) Azobenzene	15.662	77	717230	48.310	ng	99
65) 4,6-Dinitro-2-methylph...	15.462	198	111937	46.677	ng	100
66) n-Nitrosodiphenylamine	15.592	169	532070	41.652	ng	98
67) 4-Bromophenyl-phenylether	16.268	248	179053	42.445	ng	97
68) Hexachlorobenzene	16.368	284	213179	46.687	ng	97
69) Atrazine	16.551	200	176096	50.438	ng	98
70) Pentachlorophenol	16.721	266	301524	99.770	ng	98
71) Phenanthrene	17.115	178	962591	44.775	ng	100
72) Anthracene	17.203	178	980320	45.146	ng	99
73) Carbazole	17.480	167	960811	49.552	ng	100
74) Di-n-butylphthalate	18.050	149	1157577	54.360	ng	99
75) Fluoranthene	19.139	202	1142286	53.230	ng	98
77) Benzidine	19.339	184	94393	10.895	ng	99
78) Pyrene	19.503	202	1217439	38.021	ng	100
80) Butylbenzylphthalate	20.421	149	551614	47.367	ng	99
81) Benzo(a)anthracene	21.256	228	1280813	45.727	ng	99
82) 3,3'-Dichlorobenzidine	21.197	252	322041	33.156	ng	98
83) Chrysene	21.309	228	1225959	45.667	ng	99
84) Bis(2-ethylhexyl)phtha...	21.197	149	811797	51.141	ng	99
85) Di-n-octyl phthalate	22.086	149	1501832	55.911	ng	100
87) Indeno(1,2,3-cd)pyrene	25.762	276	1756462	46.326	ng	99
88) Benzo(b)fluoranthene	22.833	252	1400664	49.521	ng	100
89) Benzo(k)fluoranthene	22.880	252	1385442	48.780	ng	100
90) Benzo(a)pyrene	23.409	252	1313577	45.763	ng	99
91) Dibenzo(a,h)anthracene	25.779	278	1446664	46.070	ng	98
92) Benzo(g,h,i)perylene	26.450	276	1366385	41.822	ng	99

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

Manual Integrations

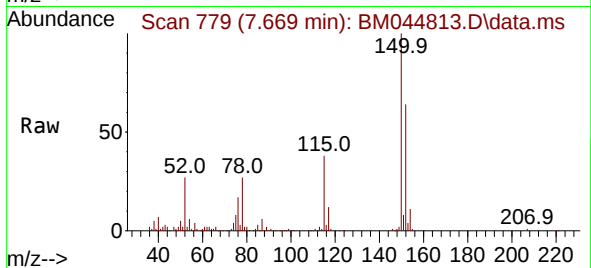
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

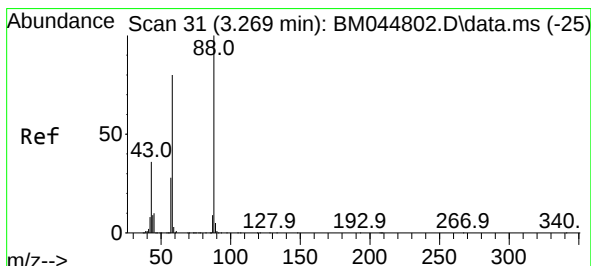
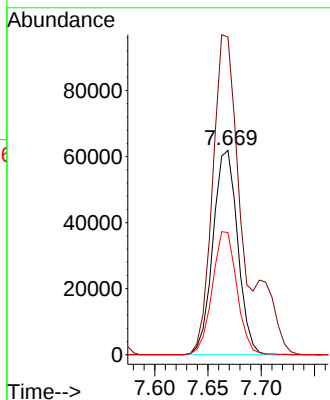
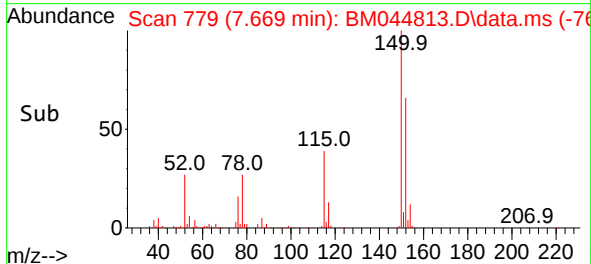
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:152 Resp: 99618
Ion Ratio Lower Upper
152 100
150 155.4 121.0 181.6
115 59.8 48.3 72.5

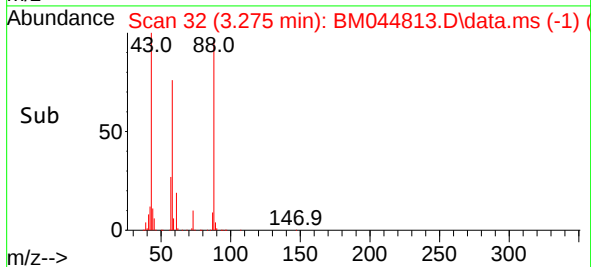
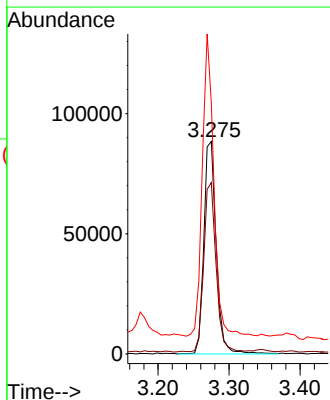
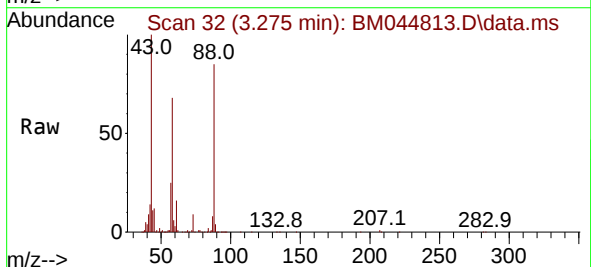
Manual Integrations
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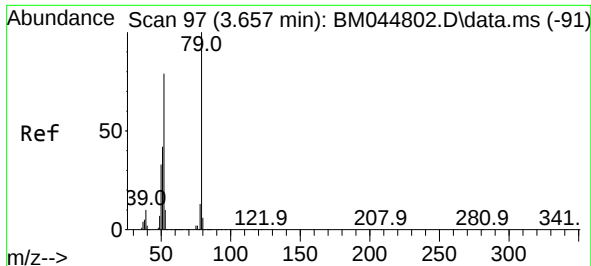
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#2
1,4-Dioxane
Concen: 39.147 ng
RT: 3.275 min Scan# 32
Delta R.T. 0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

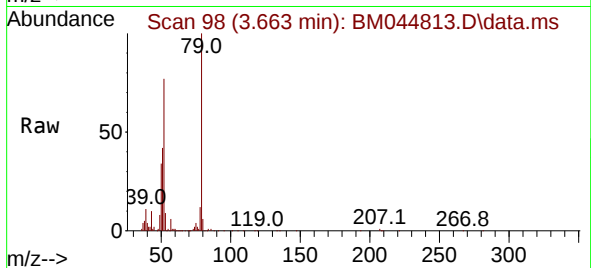
Tgt Ion: 88 Resp: 107607
Ion Ratio Lower Upper
88 100
58 79.1 63.4 95.0
43 134.7 28.6 43.0#





#3
Pyridine
Concen: 28.179 ng
RT: 3.663 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

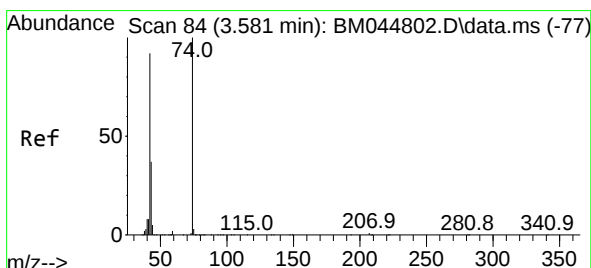
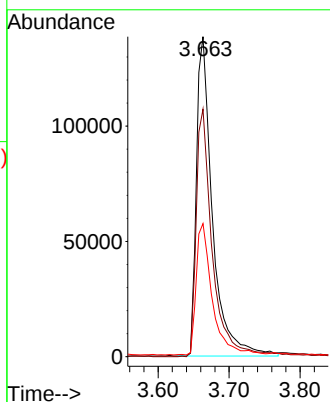
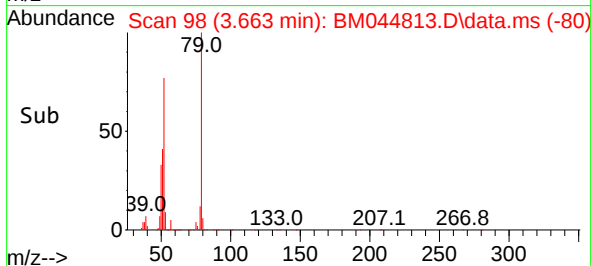
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion: 79 Resp: 21766
Ion Ratio Lower Upper
79 100
52 77.4 62.9 94.3
51 41.6 34.2 51.2

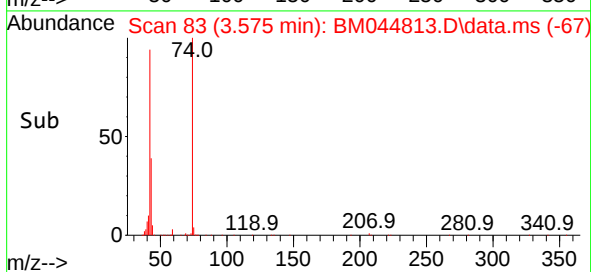
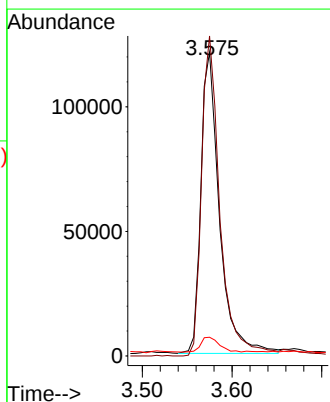
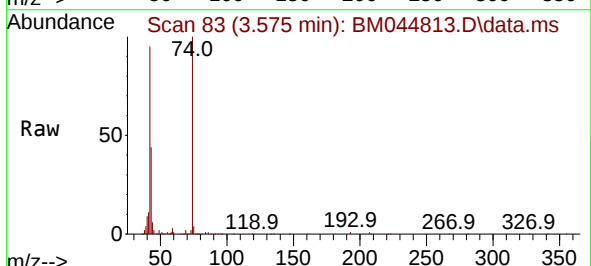
Manual Integrations
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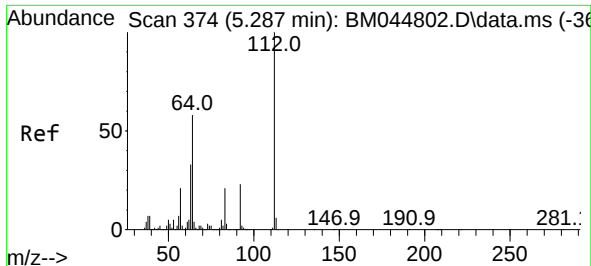
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#4
n-Nitrosodimethylamine
Concen: 42.792 ng
RT: 3.575 min Scan# 83
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

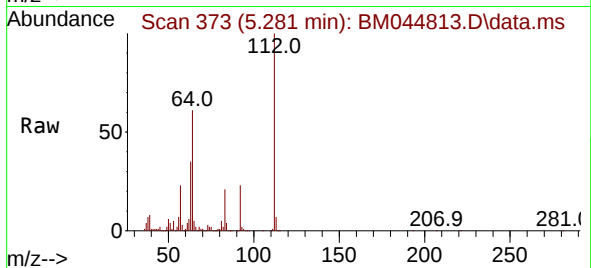
Tgt Ion: 42 Resp: 173432
Ion Ratio Lower Upper
42 100
74 105.3 86.2 129.2
44 6.1 5.0 7.4





#5
2-Fluorophenol
Concen: 126.541 ng
RT: 5.281 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

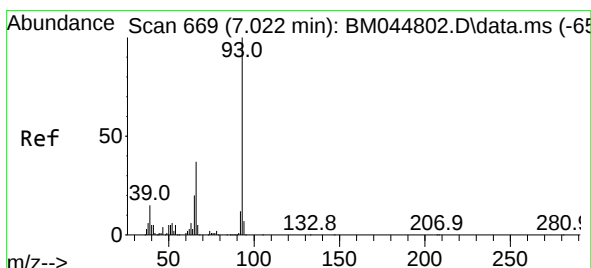
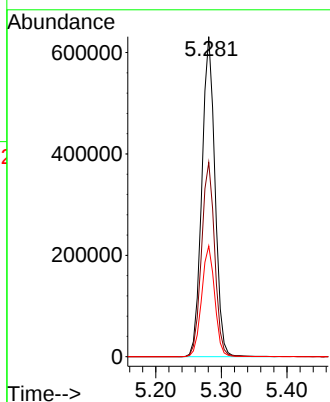
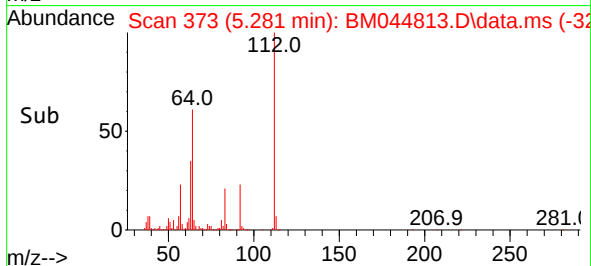
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:112 Resp: 880170
Ion Ratio Lower Upper
112 100
64 60.7 46.4 69.6
63 34.6 26.2 39.4

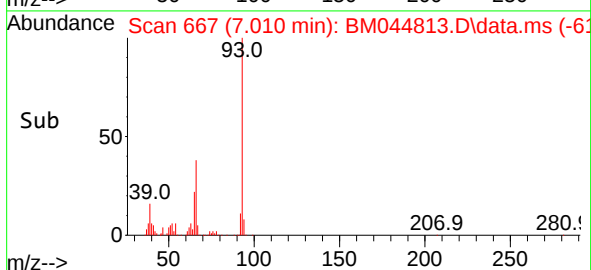
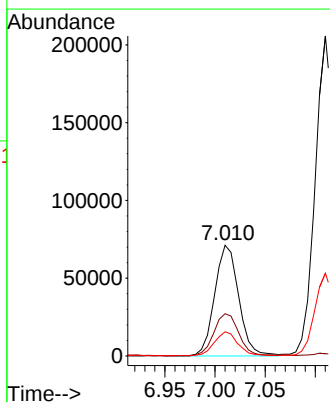
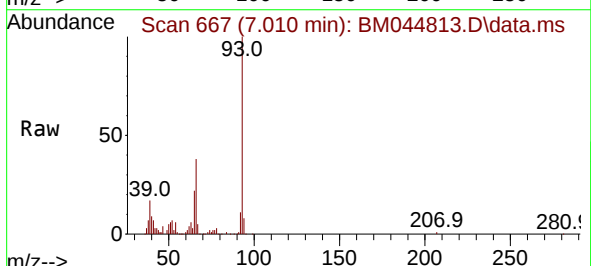
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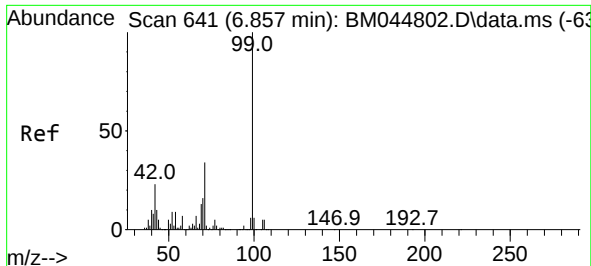
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#6
Aniline
Concen: 11.308 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

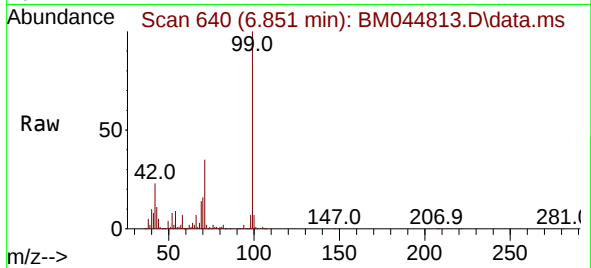
Tgt Ion: 93 Resp: 118820
Ion Ratio Lower Upper
93 100
66 38.1 30.1 45.1
65 21.8 16.5 24.7





#7
Phenol-d6
Concen: 111.963 ng
RT: 6.851 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

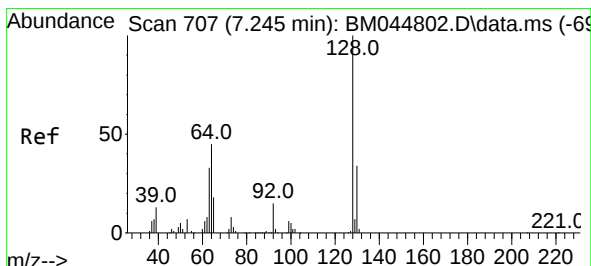
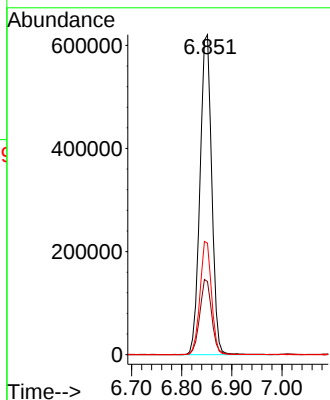
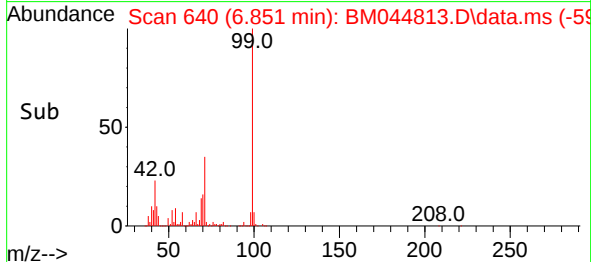
Instrument :
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Tgt Ion: 99 Resp: 1010164
Ion Ratio Lower Upper
99 100
42 22.8 18.2 27.4
71 34.8 27.3 40.9

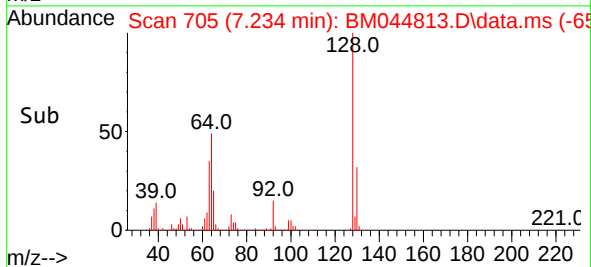
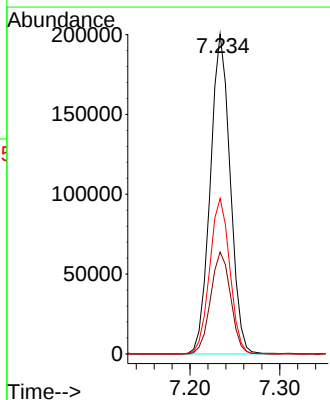
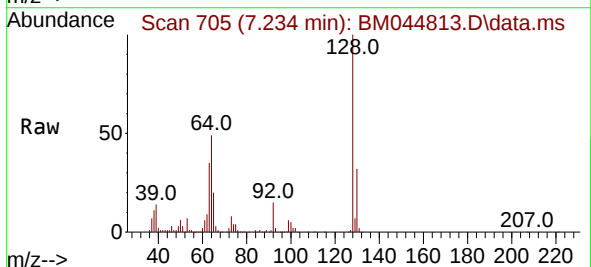
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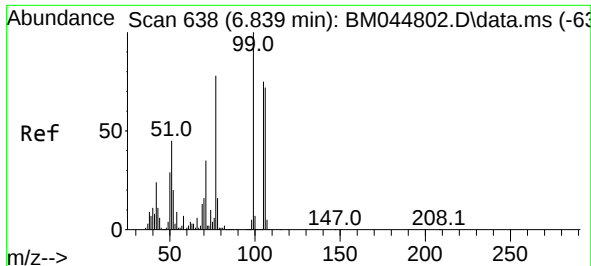
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#8
2-Chlorophenol
Concen: 43.822 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

Tgt Ion:128 Resp: 308738
Ion Ratio Lower Upper
128 100
130 31.8 13.9 53.9
64 48.6 28.0 68.0





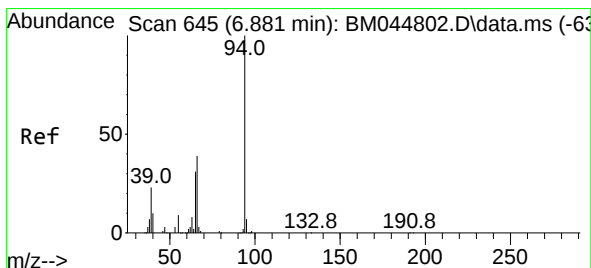
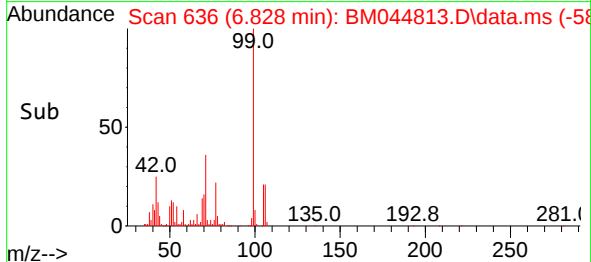
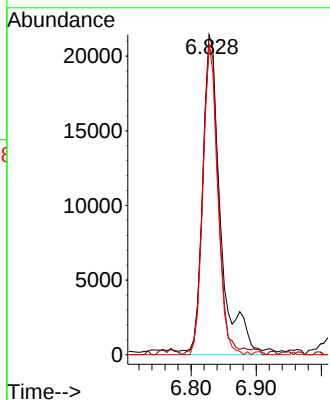
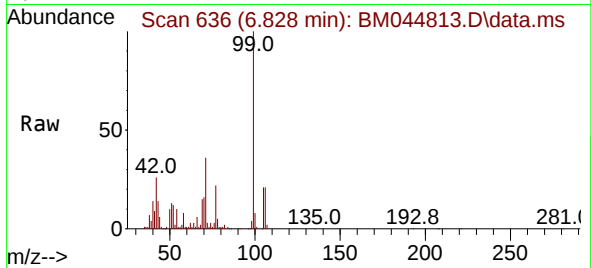
#9
Benzaldehyde
Concen: 8.797 ng m
RT: 6.828 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD

Tgt Ion: 77 Resp: 4127
Ion Ratio Lower Upper
77 100
105 96.2 75.7 115.7
106 97.2 71.6 111.6

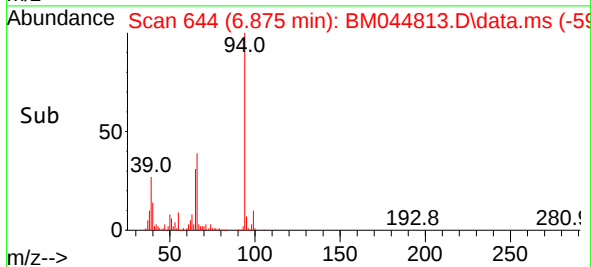
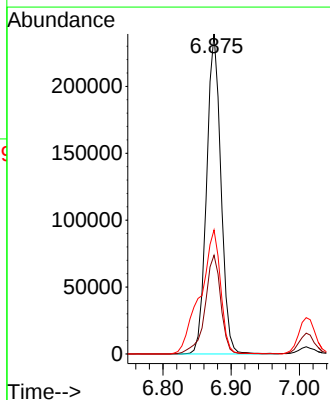
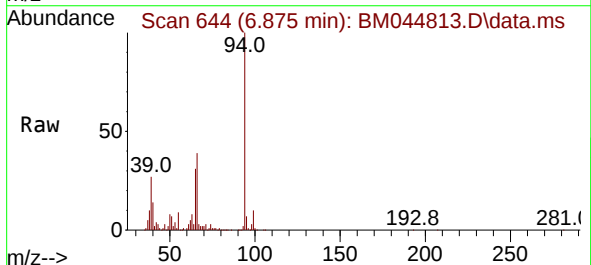
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APPROVED

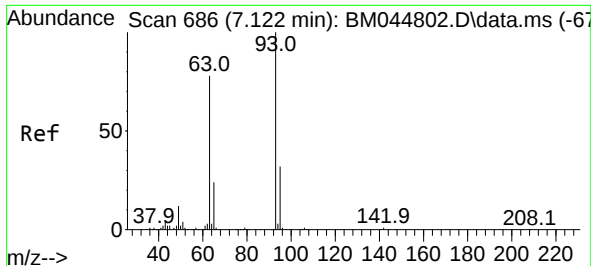
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#10
Phenol
Concen: 39.137 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

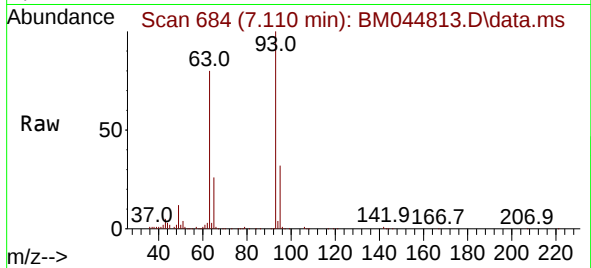
Tgt Ion: 94 Resp: 348631
Ion Ratio Lower Upper
94 100
65 30.8 11.3 51.3
66 38.7 20.2 60.2





#11
bis(2-Chloroethyl)ether
Concen: 42.072 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

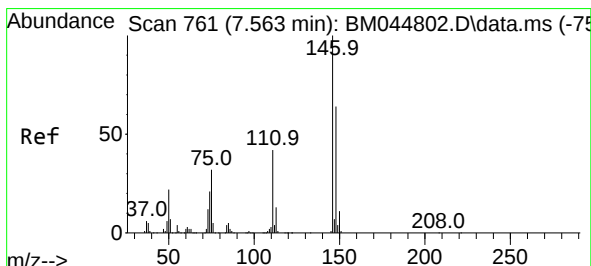
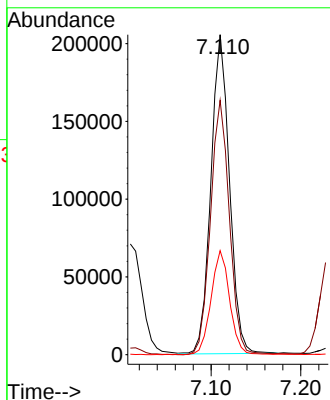
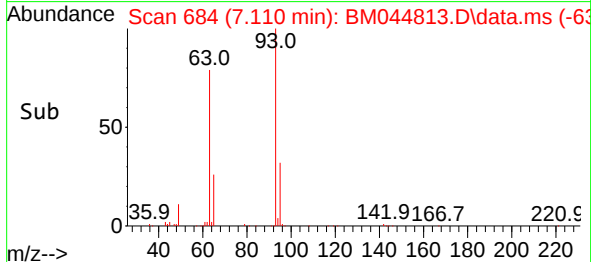
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



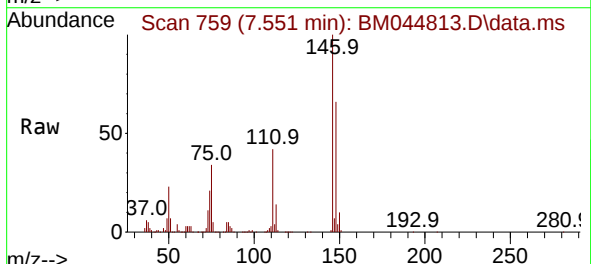
Tgt Ion: 93 Resp: 29502
Ion Ratio Lower Upper
93 100
63 79.5 57.8 97.8
95 32.5 11.6 51.6

Manual Integrations
APPROVED

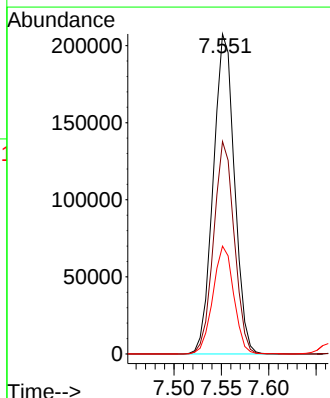
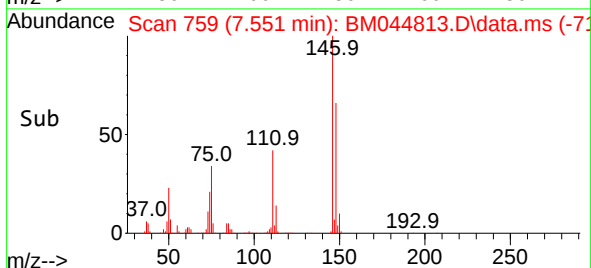
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

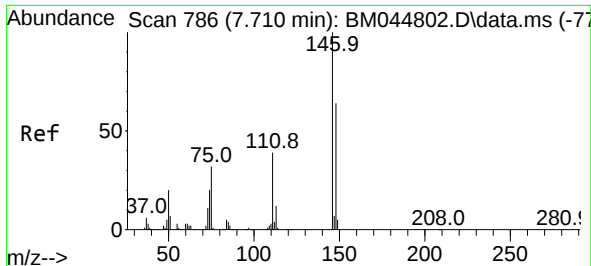


#12
1,3-Dichlorobenzene
Concen: 43.870 ng
RT: 7.551 min Scan# 759
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



Tgt Ion:146 Resp: 322905
Ion Ratio Lower Upper
146 100
148 66.4 51.4 77.2
75 33.7 26.0 39.0





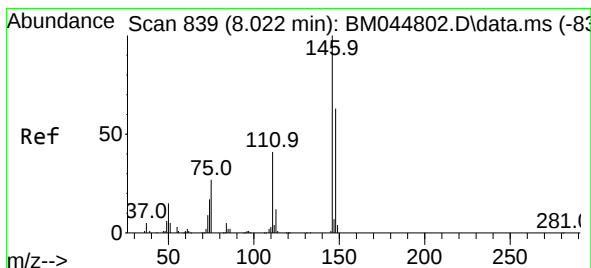
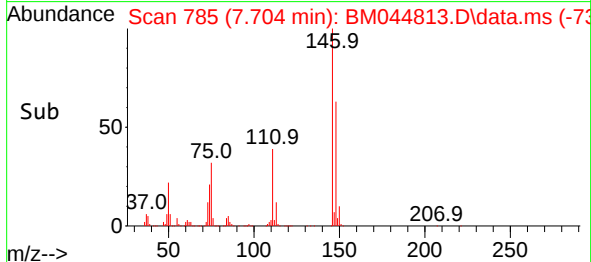
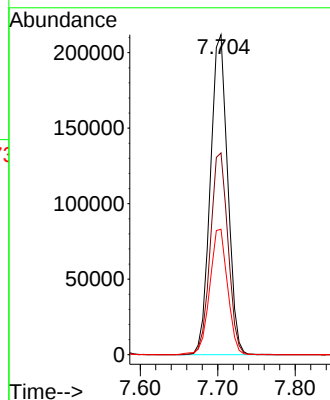
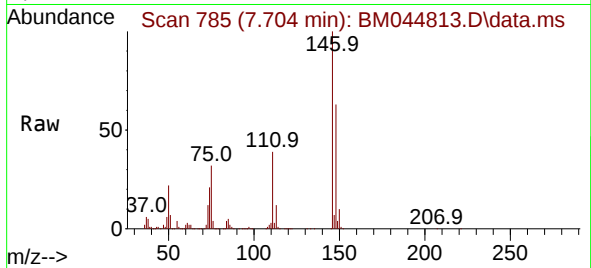
#13
1,4-Dichlorobenzene
Concen: 43.985 ng
RT: 7.704 min Scan# 77
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD

Tgt Ion:146 Resp: 32896
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 39.2 31.4 47.2

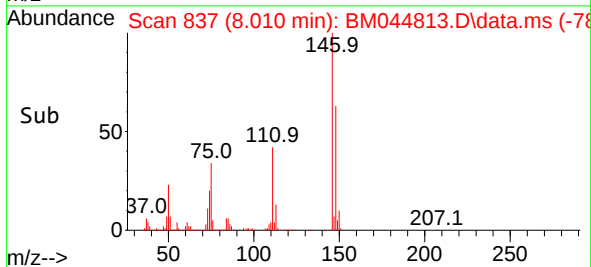
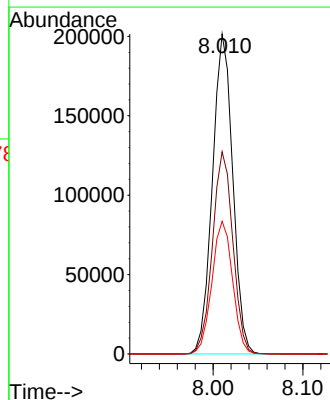
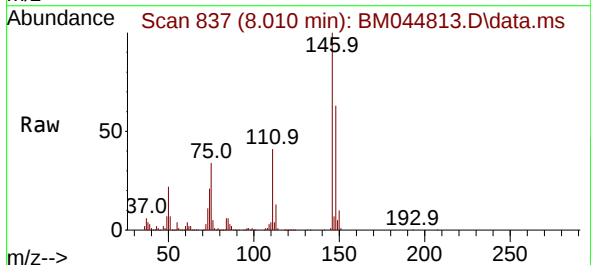
Manual Integrations
APPROVED

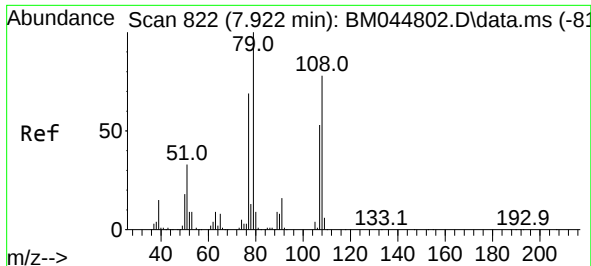
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#14
1,2-Dichlorobenzene
Concen: 43.876 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

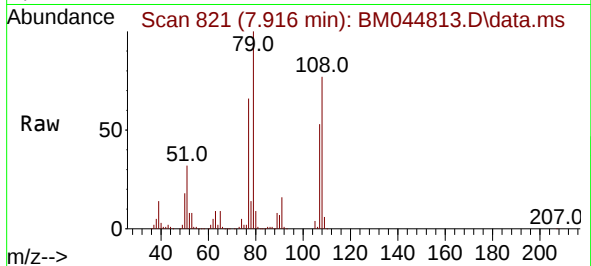
Tgt Ion:146 Resp: 316353
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 41.4 33.7 50.5





#15
Benzyl Alcohol
Concen: 44.422 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

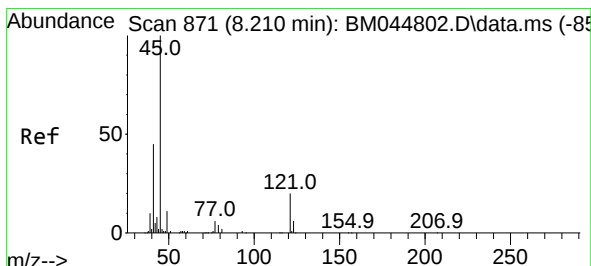
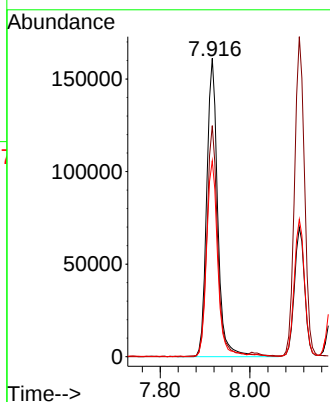
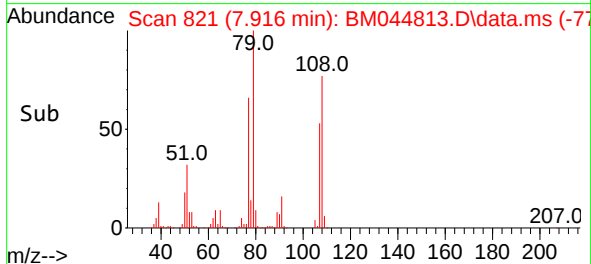
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



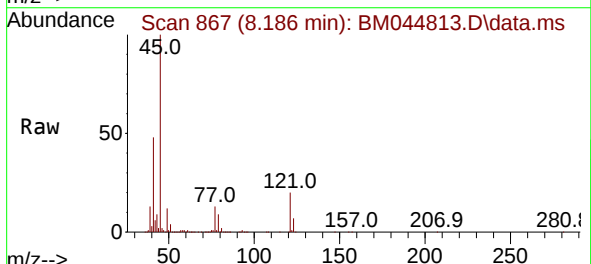
Tgt Ion: 79 Resp: 27446
Ion Ratio Lower Upper
79 100
108 77.4 62.2 93.2
77 65.6 55.1 82.7

Manual Integrations
APPROVED

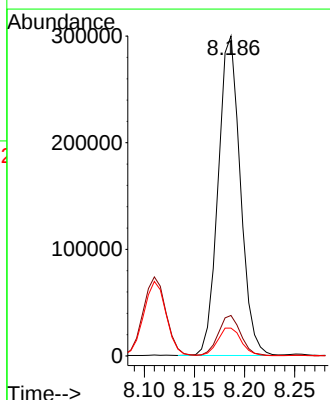
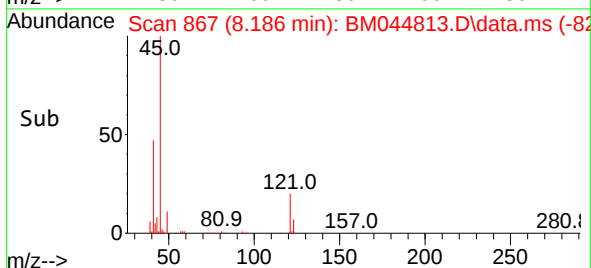
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

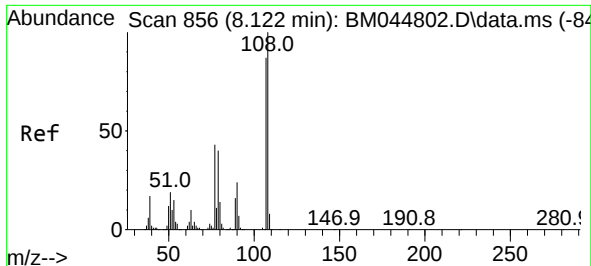


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.478 ng
RT: 8.186 min Scan# 867
Delta R.T. -0.024 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



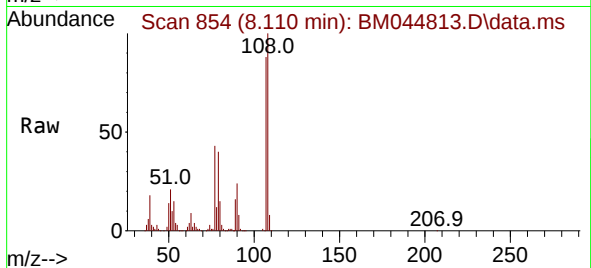
Tgt Ion: 45 Resp: 460460
Ion Ratio Lower Upper
45 100
77 12.7 0.0 33.0
79 8.7 0.0 30.4





#17
2-Methylphenol
Concen: 38.017 ng
RT: 8.110 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

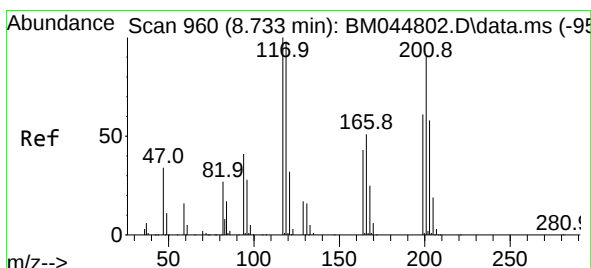
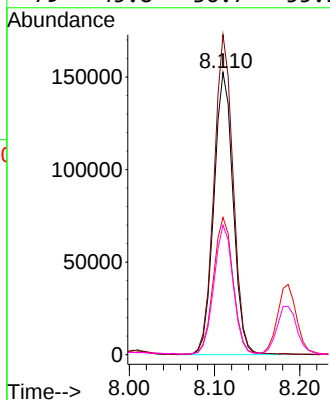
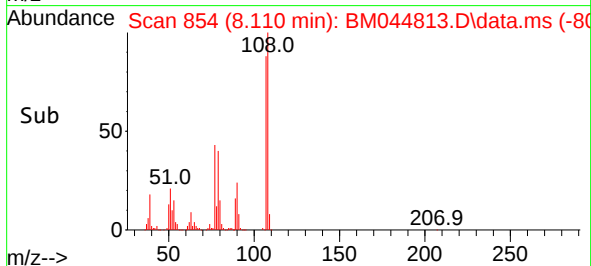
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:	107	Resp:	239069
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.5	137.3
77	48.7	39.1	58.7
79	45.8	36.7	55.1

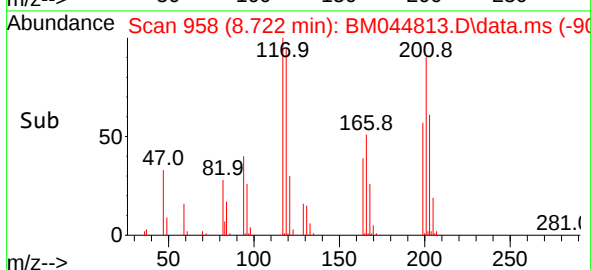
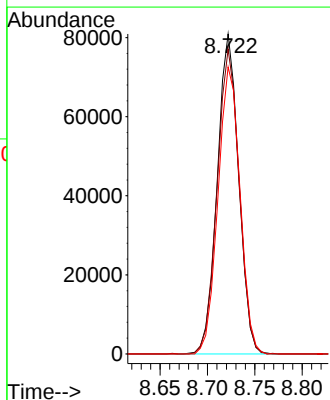
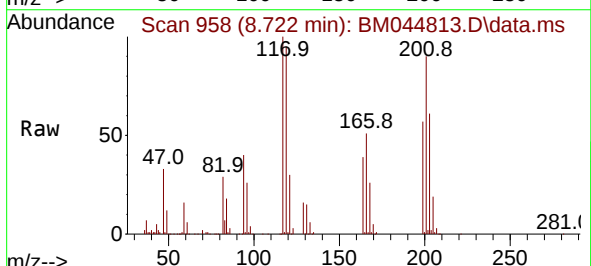
Manual Integrations
APPROVED

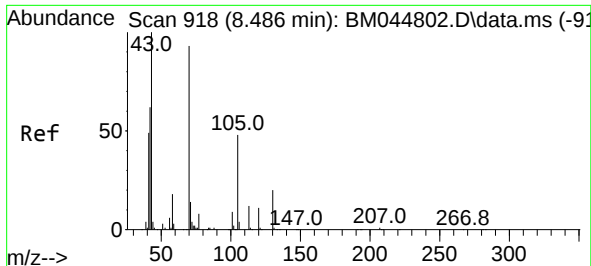
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#18
Hexachloroethane
Concen: 43.723 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

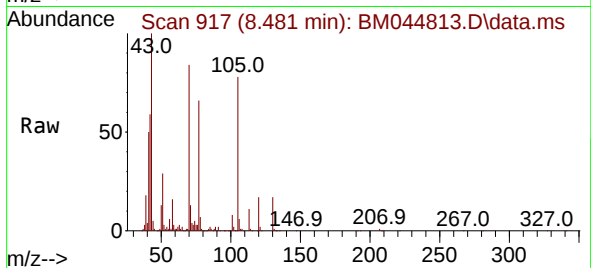
Tgt Ion:	117	Resp:	127492
Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.6	118.0
201	89.7	72.7	109.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.281 ng
RT: 8.481 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

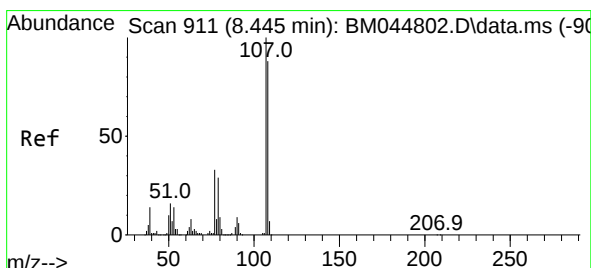
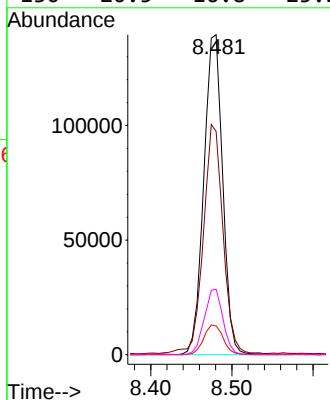
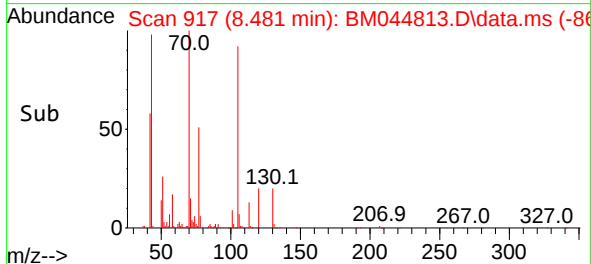
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



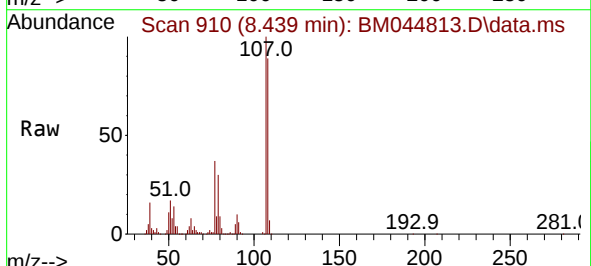
Tgt Ion: 70 Resp: 225370
Ion Ratio Lower Upper
70 100
42 69.7 53.6 80.4
101 9.0 7.5 11.3
130 20.5 16.8 25.2

Manual Integrations
APPROVED

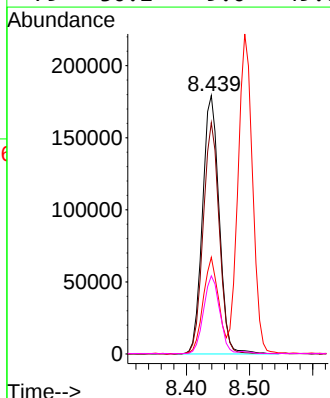
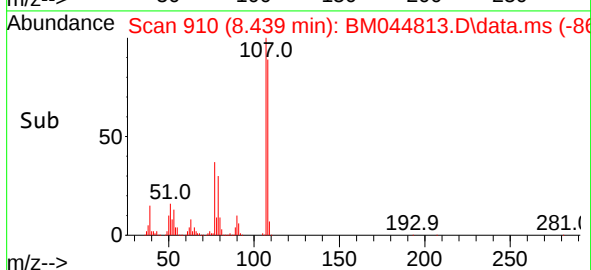
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

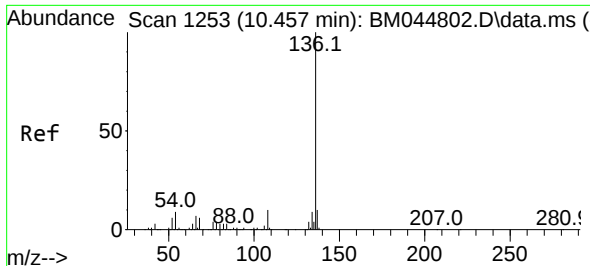


#20
3+4-Methylphenols
Concen: 38.743 ng
RT: 8.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



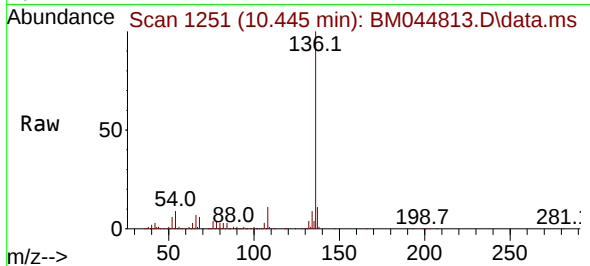
Tgt Ion:107 Resp: 329233
Ion Ratio Lower Upper
107 100
108 89.5 68.1 108.1
77 37.4 13.4 53.4
79 30.2 9.0 49.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.445 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

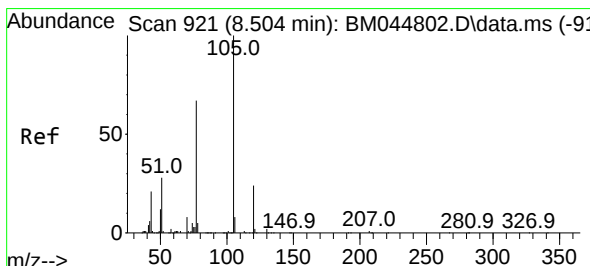
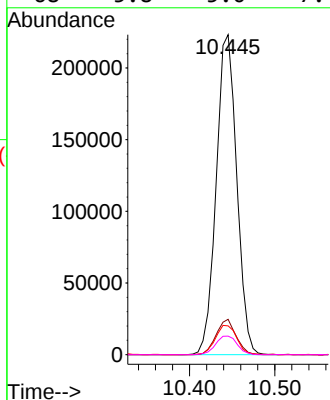
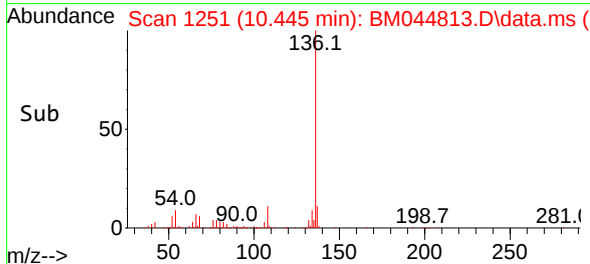
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:136 Resp: 374088
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.0 7.3 10.9
68 5.8 5.0 7.4

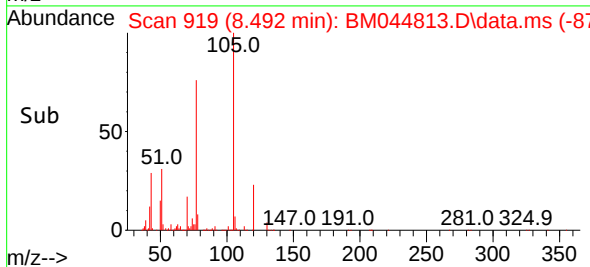
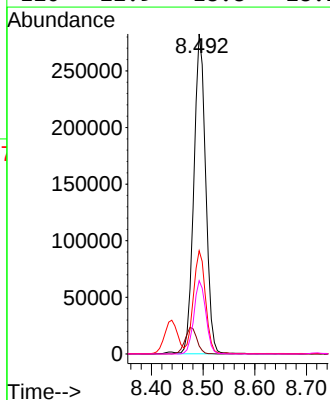
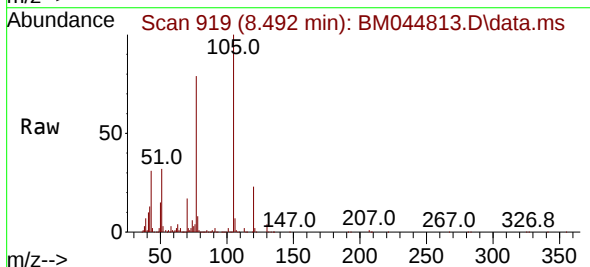
Manual Integrations
APPROVED

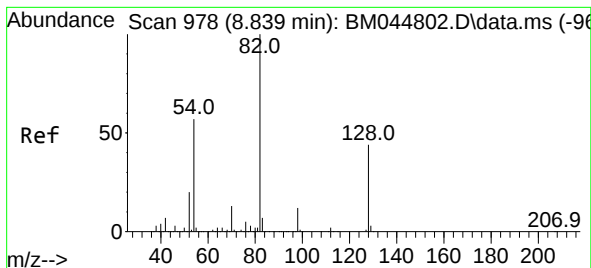
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#22
Acetophenone
Concen: 44.247 ng
RT: 8.492 min Scan# 919
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

Tgt Ion:105 Resp: 448925
Ion Ratio Lower Upper
105 100
71 2.5 1.6 2.4#
51 32.3 25.9 38.9
120 22.9 18.8 28.2





#23

Nitrobenzene-d5

Concen: 87.556 ng

RT: 8.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD

Tgt Ion: 82 Resp: 726562

Ion Ratio Lower Upper

82 100

128 41.9 34.8 52.2

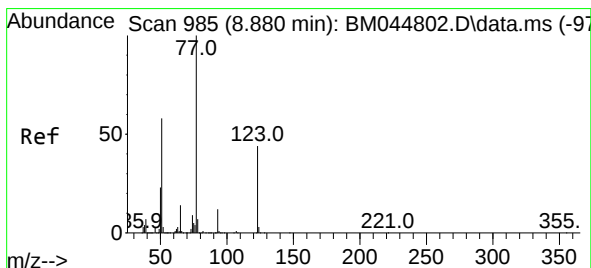
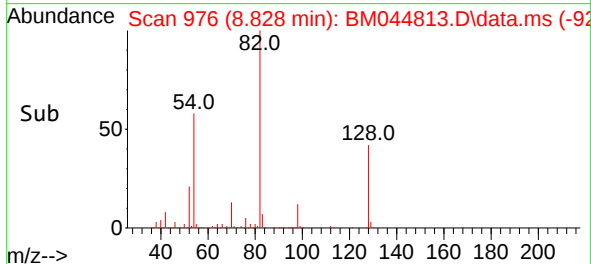
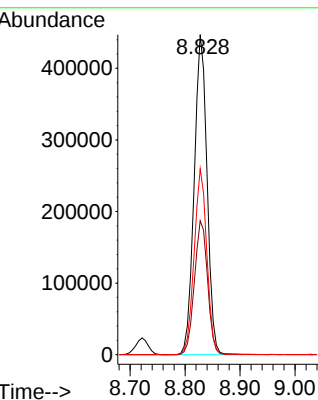
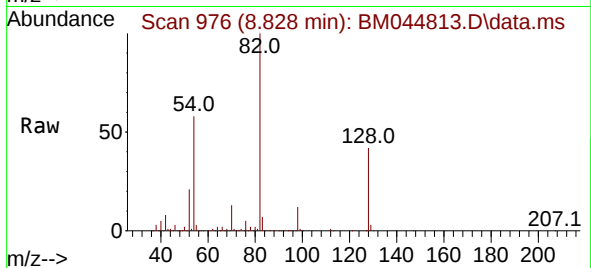
54 58.1 45.4 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#24

Nitrobenzene

Concen: 43.497 ng

RT: 8.869 min Scan# 983

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

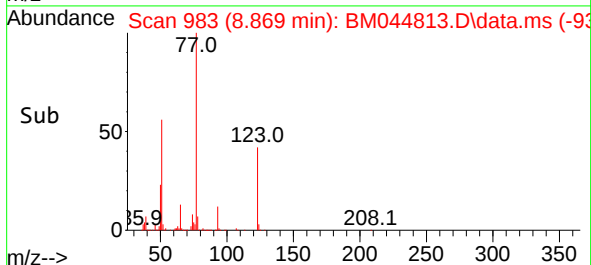
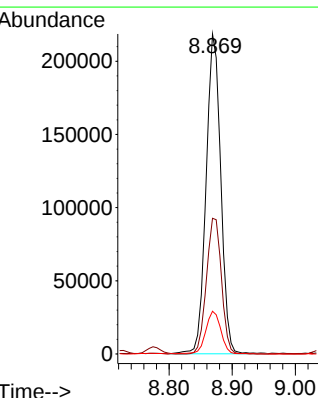
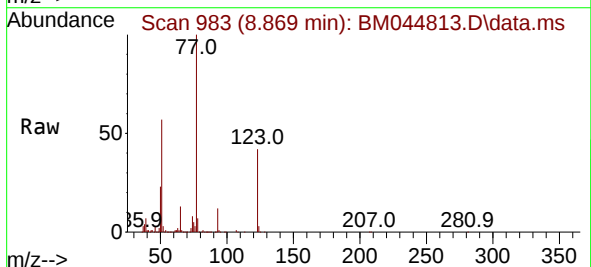
Tgt Ion: 77 Resp: 352602

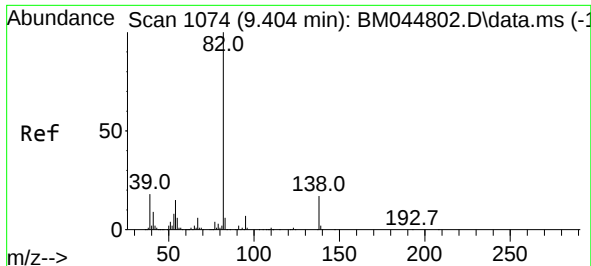
Ion Ratio Lower Upper

77 100

123 42.4 35.1 52.7

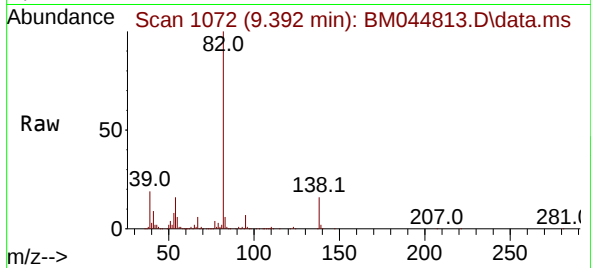
65 13.4 11.4 17.2





#25
Isophorone
Concen: 45.083 ng
RT: 9.392 min Scan# 1102
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

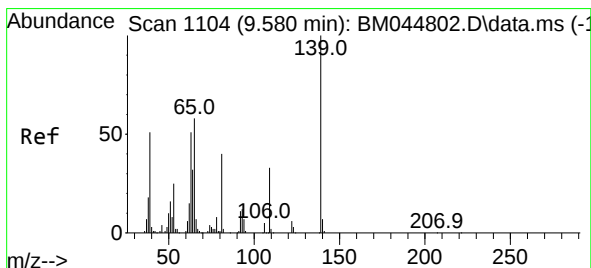
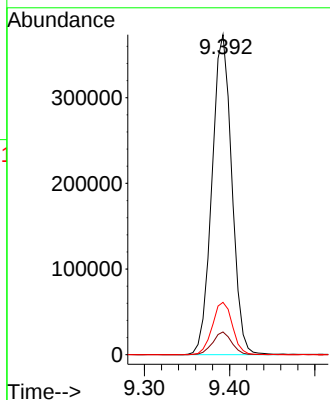
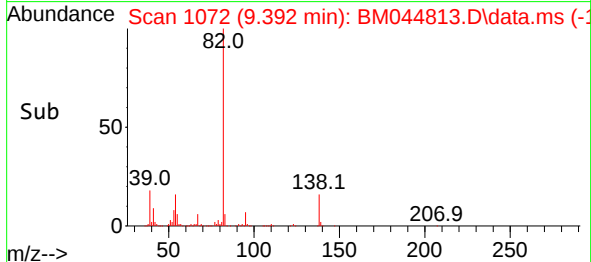
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion: 82 Resp: 603264
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 16.3 13.6 20.4

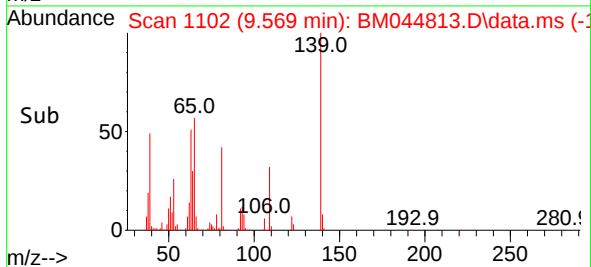
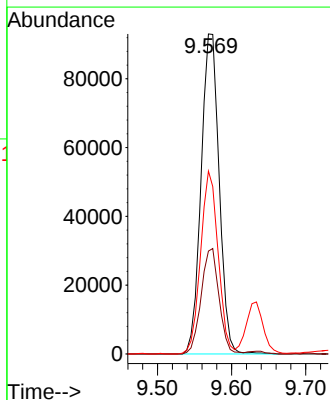
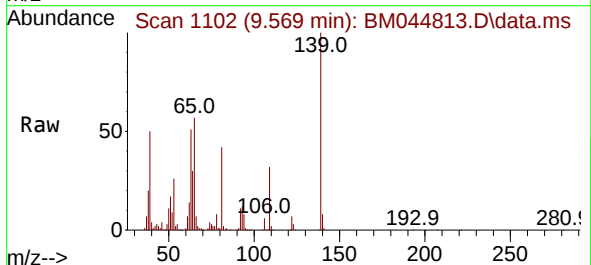
Manual Integrations
APPROVED

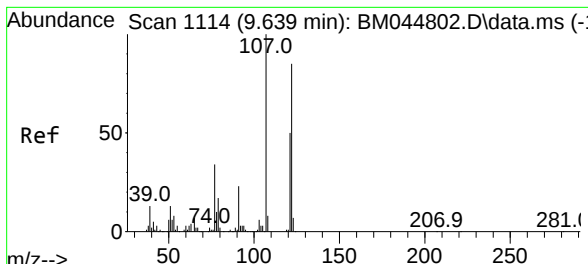
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#26
2-Nitrophenol
Concen: 44.131 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

Tgt Ion:139 Resp: 157689
Ion Ratio Lower Upper
139 100
109 32.1 26.7 40.1
65 57.2 46.8 70.2





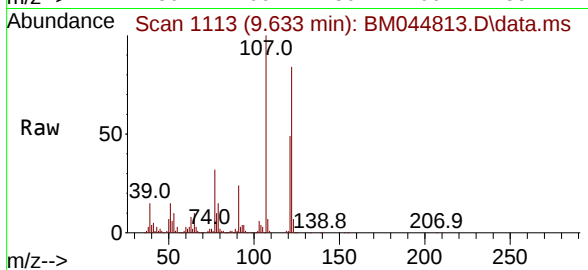
#27
2,4-Dimethylphenol
Concen: 34.735 ng
RT: 9.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD



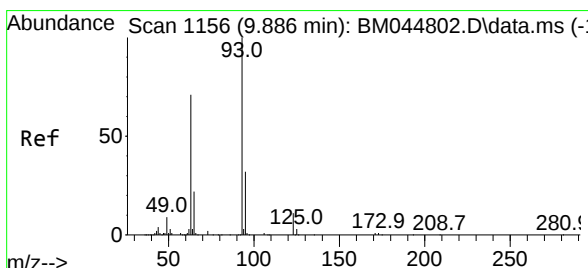
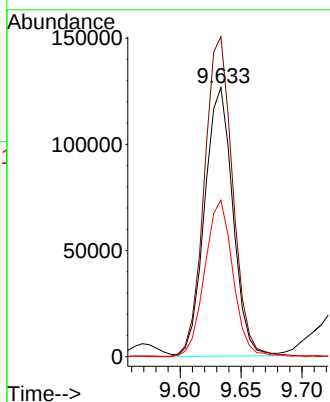
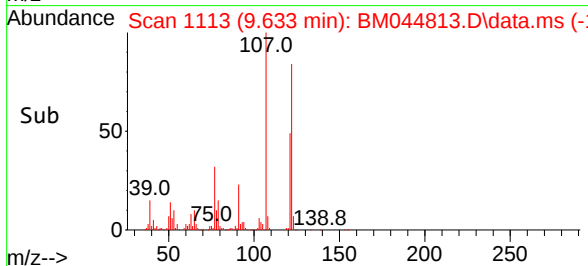
Tgt Ion:122 Resp: 203770
Ion Ratio Lower Upper
122 100
107 118.9 93.3 139.9
121 58.2 46.3 69.5

Manual Integrations

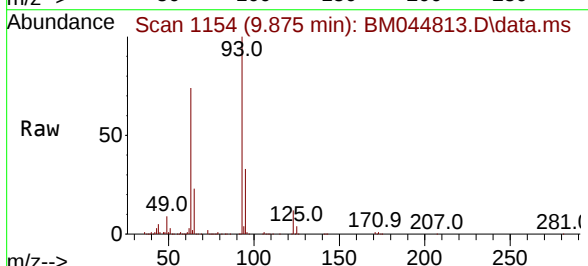
APPROVED

Reviewed By :Yogesh Patel 03/30/2024

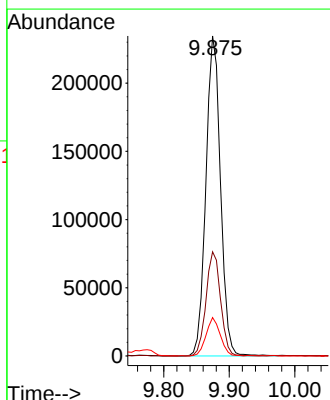
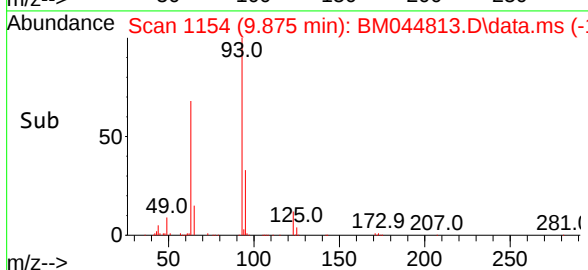
Supervised By :mohammad ahmed 03/30/2024

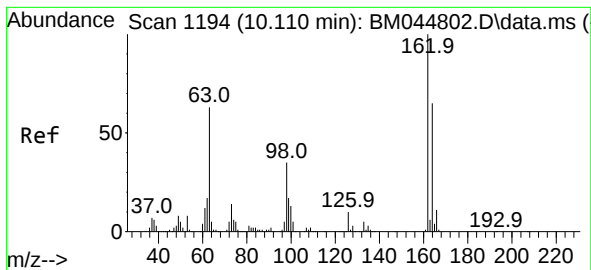


#28
bis(2-Chloroethoxy)methane
Concen: 43.254 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



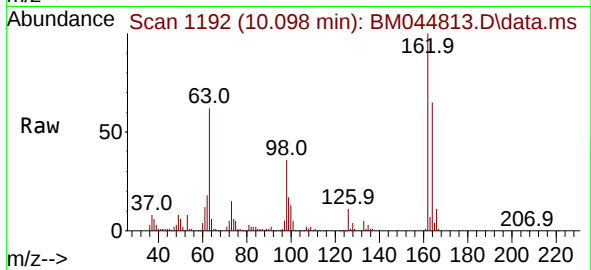
Tgt Ion: 93 Resp: 363856
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 12.0 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 45.217 ng
RT: 10.098 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

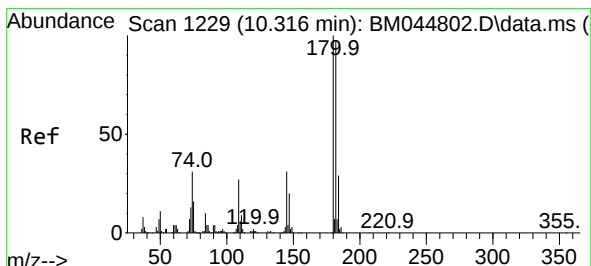
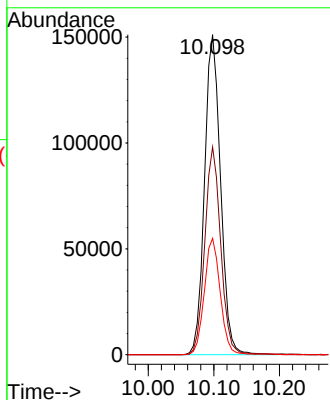
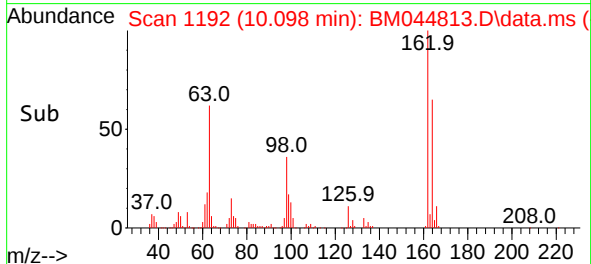
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:162 Resp: 25744
Ion Ratio Lower Upper
162 100
164 64.9 44.6 84.6
98 36.4 15.3 55.3

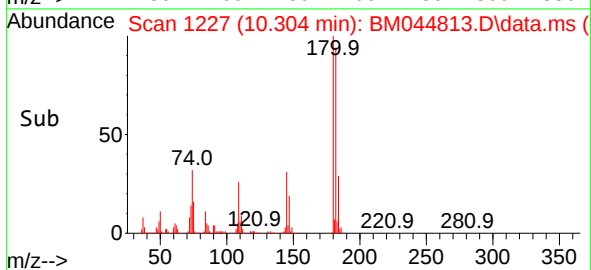
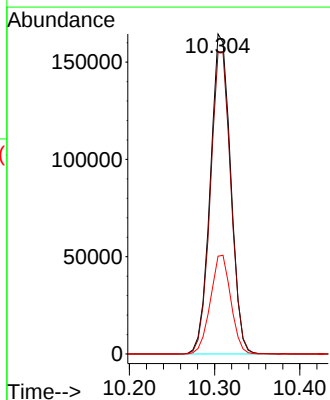
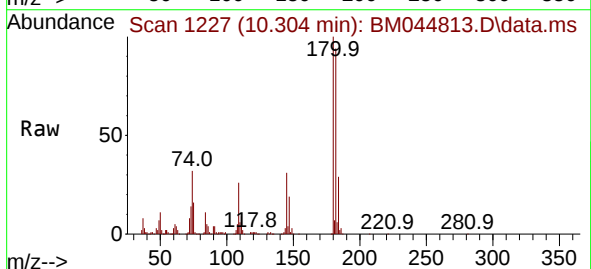
Manual Integrations
APPROVED

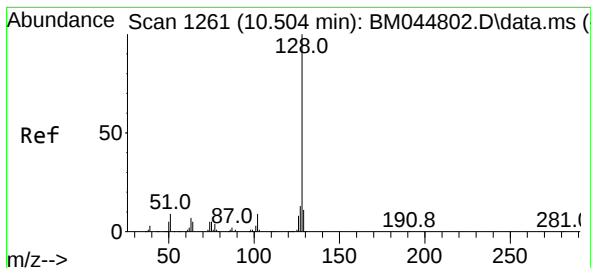
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.469 ng
RT: 10.304 min Scan# 1227
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

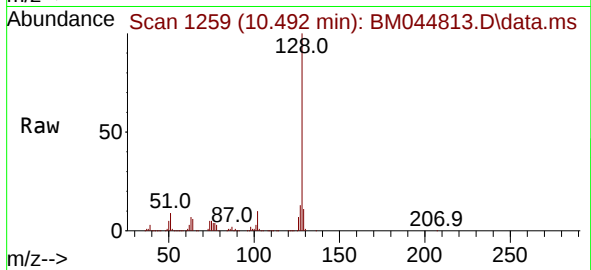
Tgt Ion:180 Resp: 272422
Ion Ratio Lower Upper
180 100
182 94.3 77.2 115.8
145 30.5 25.1 37.7





#31
Naphthalene
Concen: 42.851 ng
RT: 10.492 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

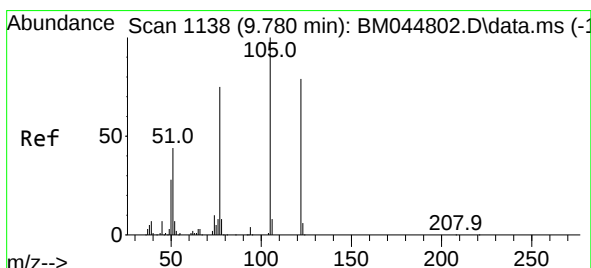
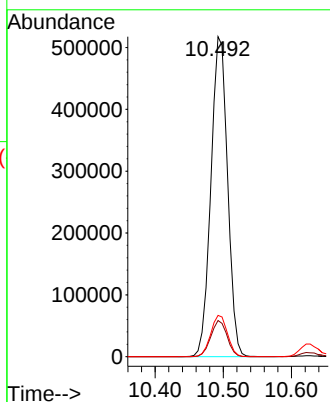
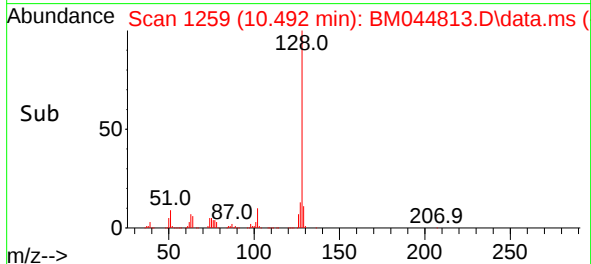
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:128 Resp: 880538
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.9 10.1 15.1

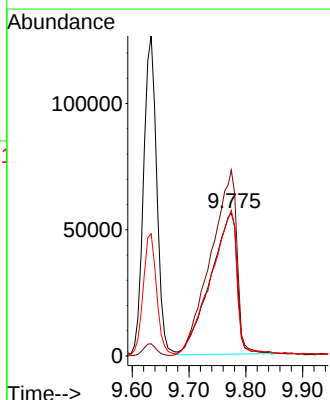
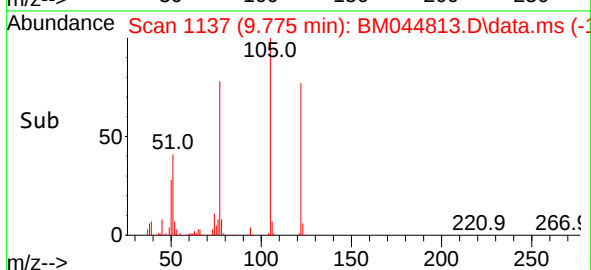
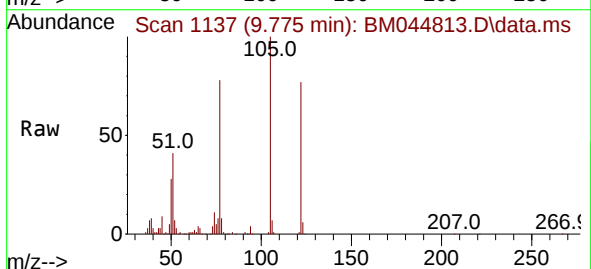
Manual Integrations
APPROVED

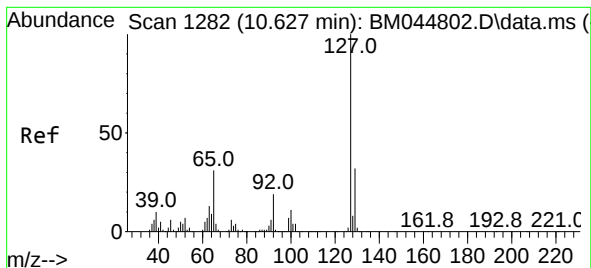
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#32
Benzoic acid
Concen: 41.638 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

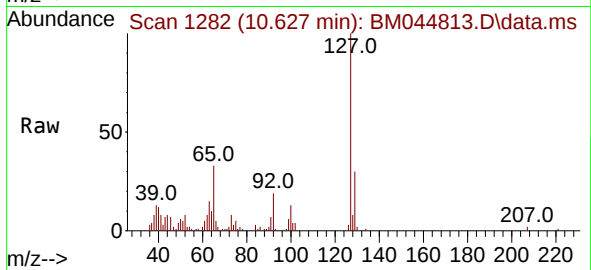
Tgt Ion:122 Resp: 183362
Ion Ratio Lower Upper
122 100
105 130.2 105.6 145.6
77 102.0 75.5 115.5





#33
4-Chloroaniline
Concen: 5.407 ng
RT: 10.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

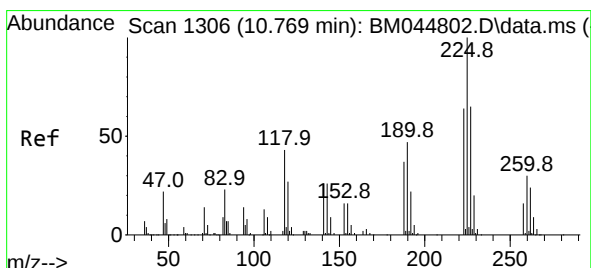
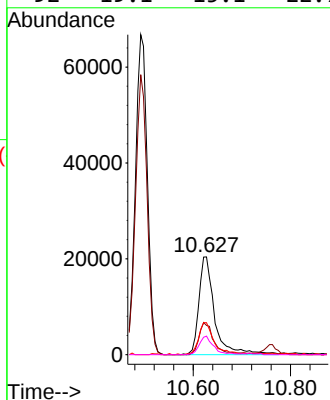
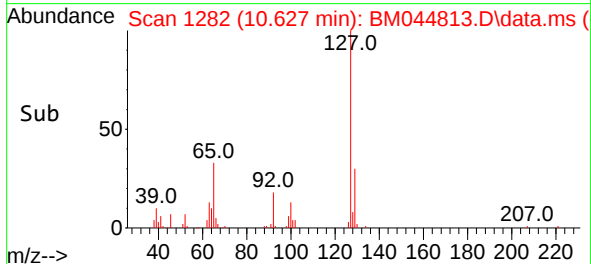
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:	127	Resp:	45792
Ion Ratio	Lower	Upper	
127	100		
129	30.0	25.8	38.8
65	32.7	25.1	37.7
92	19.1	15.1	22.7

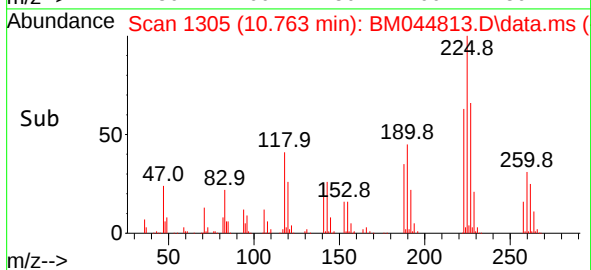
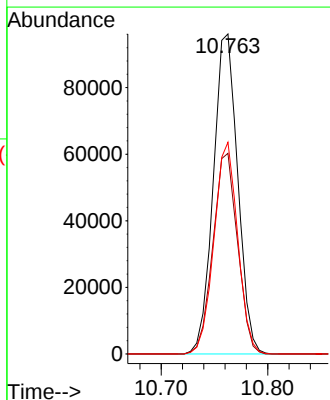
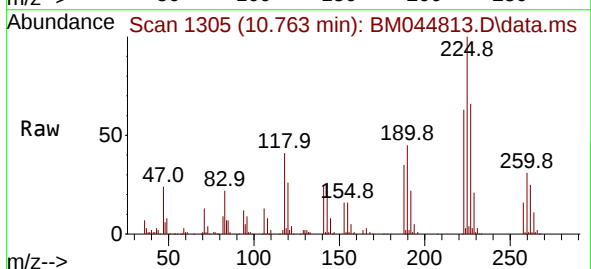
Manual Integrations
APPROVED

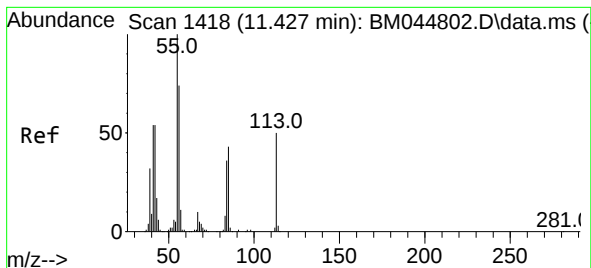
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#34
Hexachlorobutadiene
Concen: 43.013 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

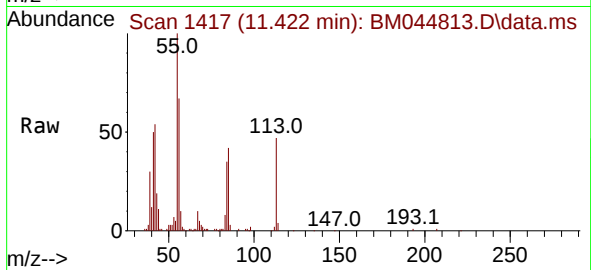
Tgt Ion:	225	Resp:	153010
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.9	76.3
227	66.2	51.7	77.5





#35
 Caprolactam
 Concen: 44.013 ng
 RT: 11.422 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: BM044813.D
 Acq: 29 Mar 2024 12:34

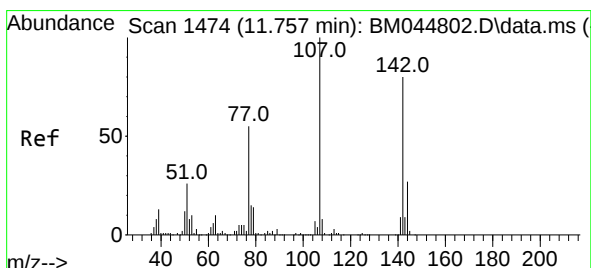
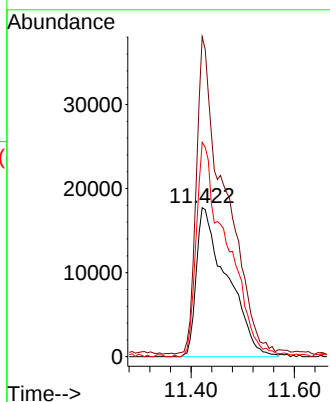
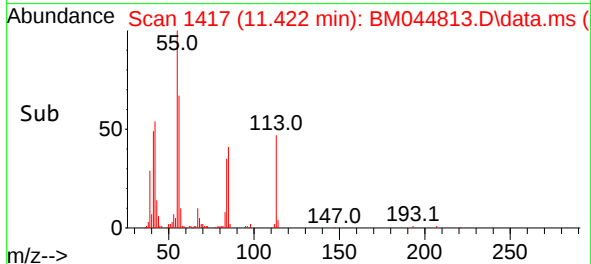
Instrument :
 BNA_M
 ClientSampleId :
 SOIL-1MSD



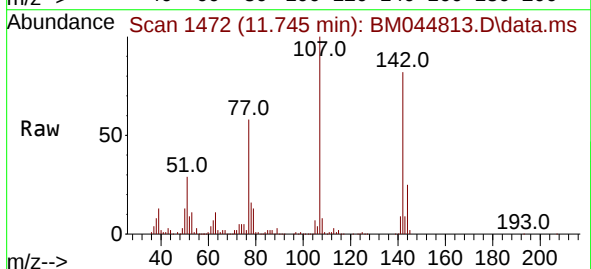
Tgt Ion:113 Resp: 7300
 Ion Ratio Lower Upper
 113 100
 55 214.8 180.8 220.8
 56 144.0 127.4 167.4

Manual Integrations
 APPROVED

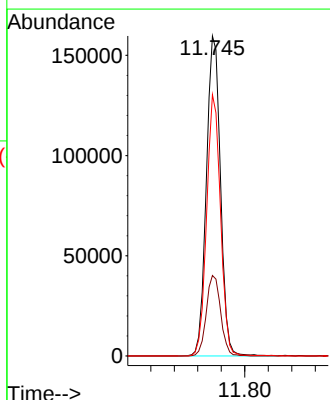
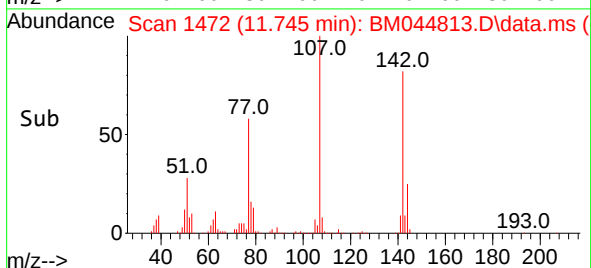
Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024

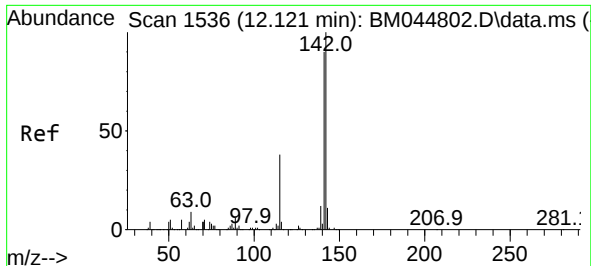


#36
 4-Chloro-3-methylphenol
 Concen: 45.073 ng
 RT: 11.745 min Scan# 1472
 Delta R.T. -0.012 min
 Lab File: BM044813.D
 Acq: 29 Mar 2024 12:34



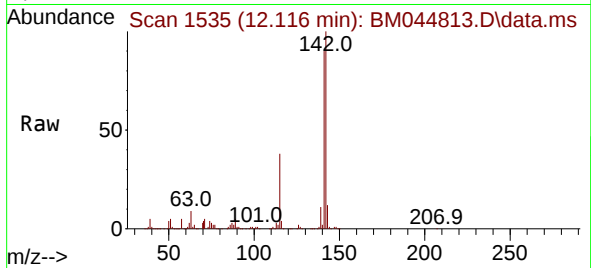
Tgt Ion:107 Resp: 266846
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.6 32.4
 142 81.6 63.8 95.8





#37
2-Methylnaphthalene
Concen: 41.981 ng
RT: 12.116 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

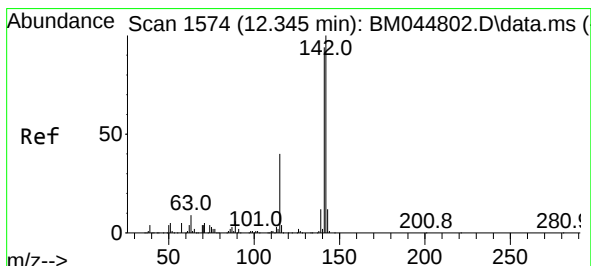
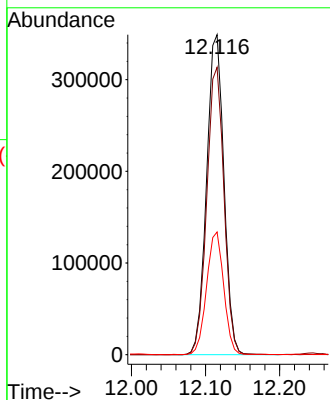
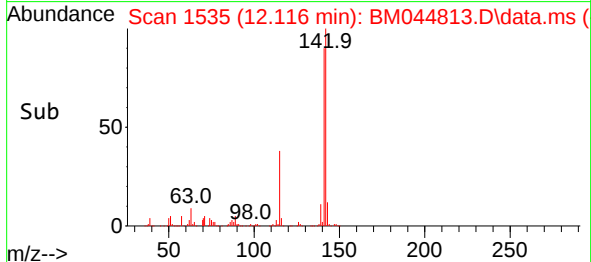
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



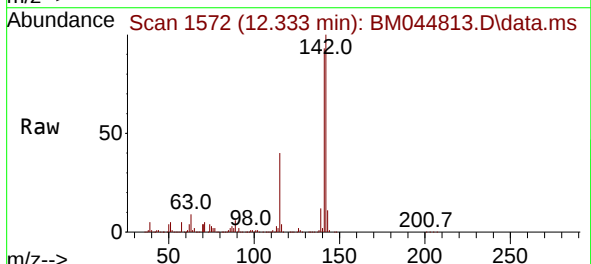
Tgt Ion:142 Resp: 566069
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5
115 38.3 30.3 45.5

Manual Integrations
APPROVED

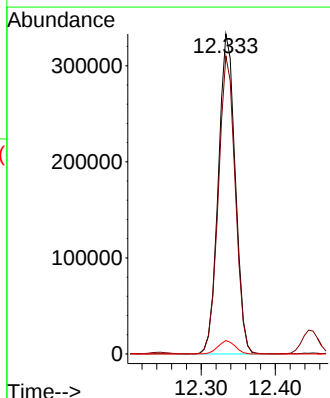
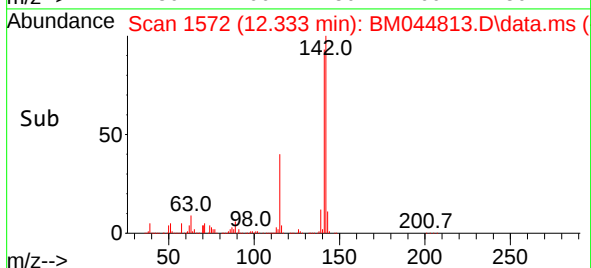
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

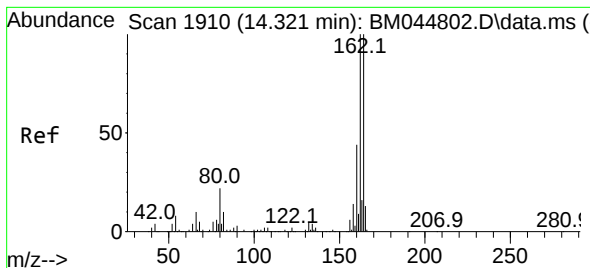


#38
1-Methylnaphthalene
Concen: 42.067 ng
RT: 12.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



Tgt Ion:142 Resp: 528696
Ion Ratio Lower Upper
142 100
141 93.1 75.6 113.4
116 4.2 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.315 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BM044813.D

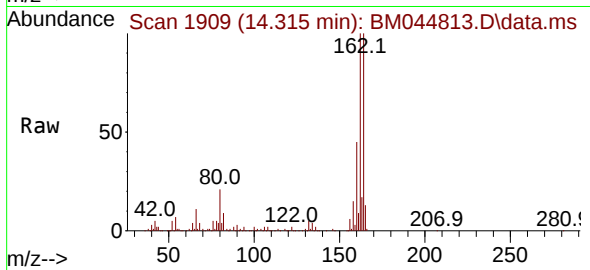
Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD



Tgt Ion:164 Resp: 201804

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.4

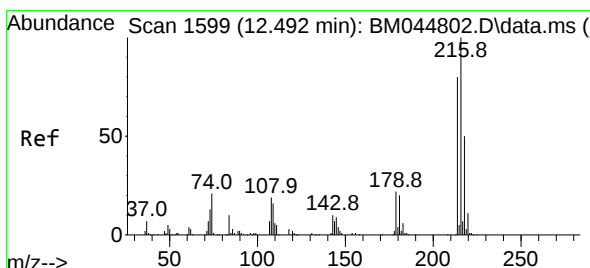
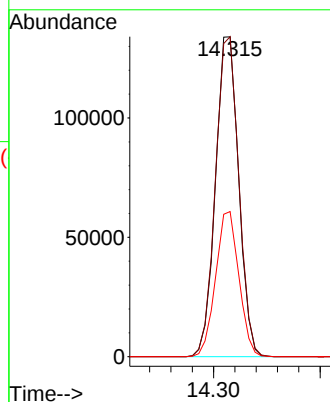
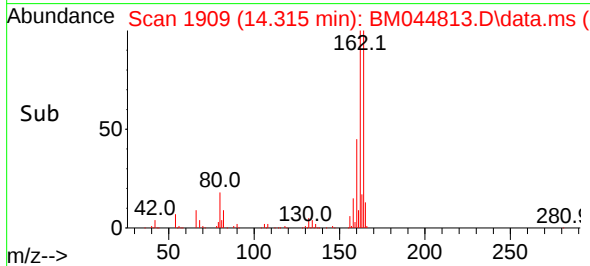
160 45.4 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.133 ng

RT: 12.480 min Scan# 1597

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Tgt Ion:216 Resp: 272239

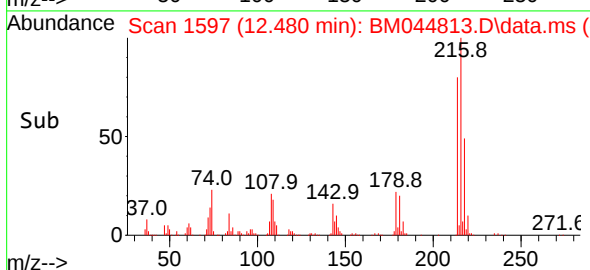
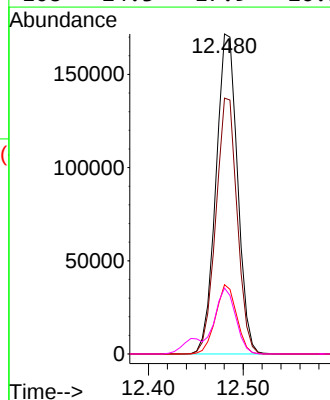
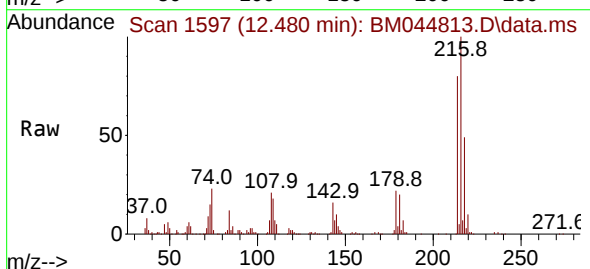
Ion Ratio Lower Upper

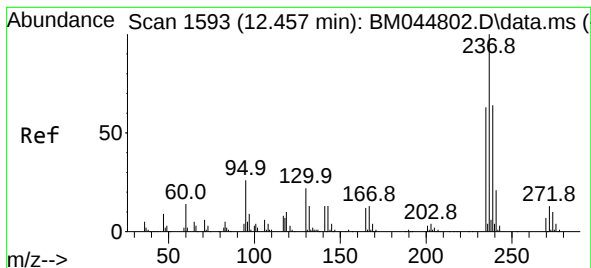
216 100

214 78.7 63.4 95.2

179 21.0 16.8 25.2

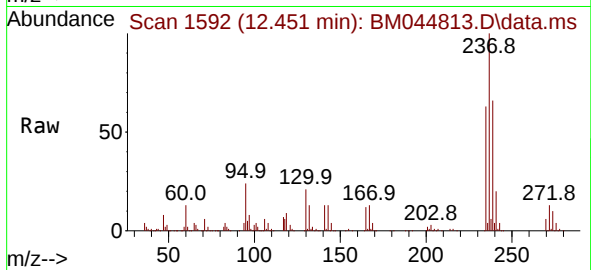
108 24.3 17.9 26.9





#41
Hexachlorocyclopentadiene
Concen: 87.426 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

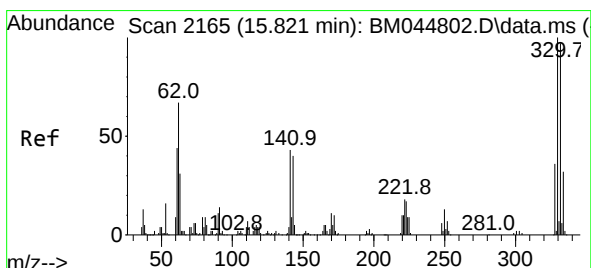
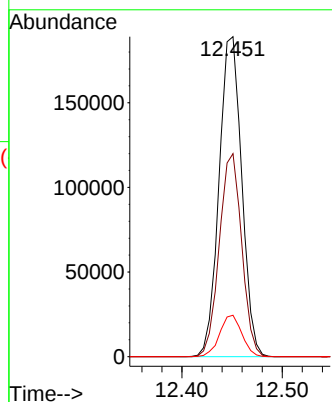
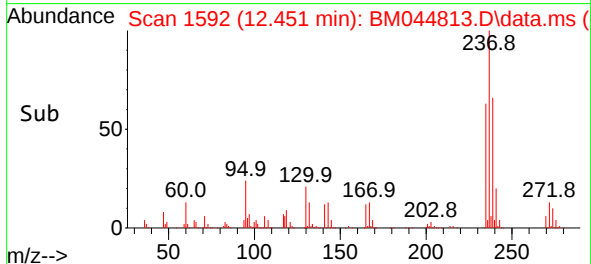
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



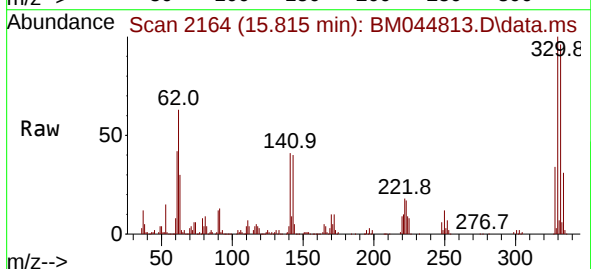
Tgt Ion:237 Resp: 29614
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 12.9 0.0 32.8

Manual Integrations
APPROVED

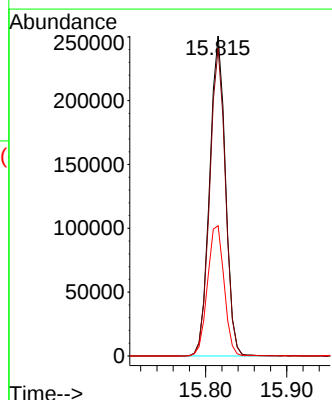
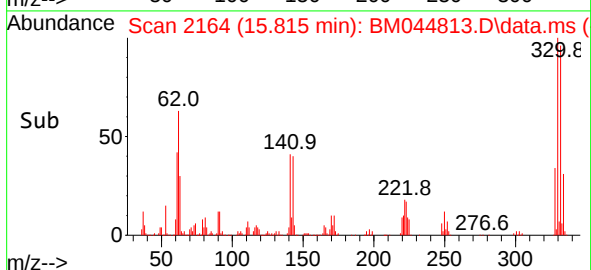
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

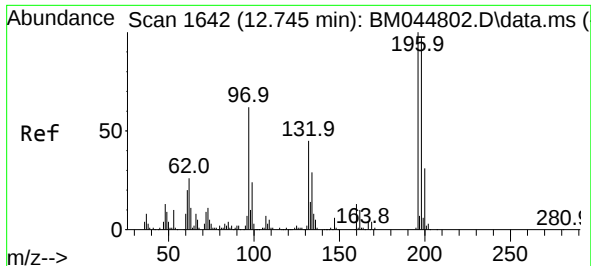


#42
2,4,6-Tribromophenol
Concen: 153.690 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



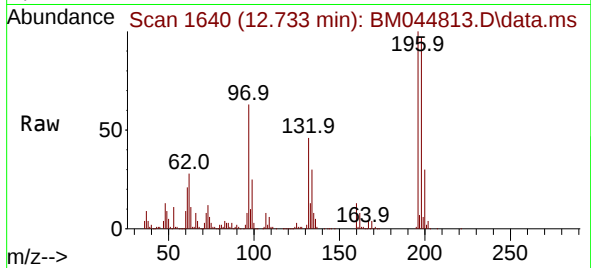
Tgt Ion:330 Resp: 338920
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 42.7 34.1 51.1





#43
2,4,6-Trichlorophenol
Concen: 44.512 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

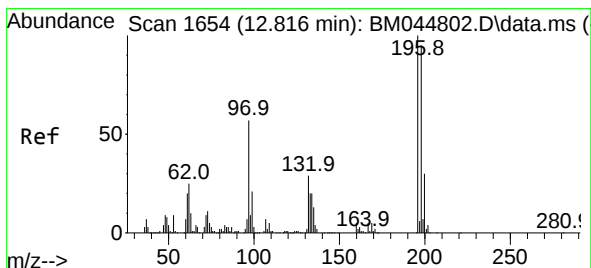
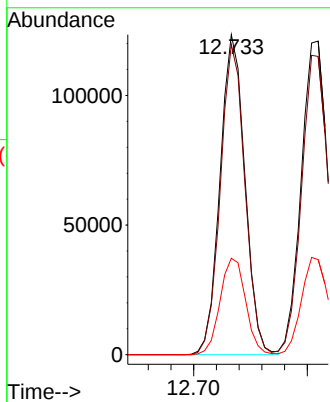
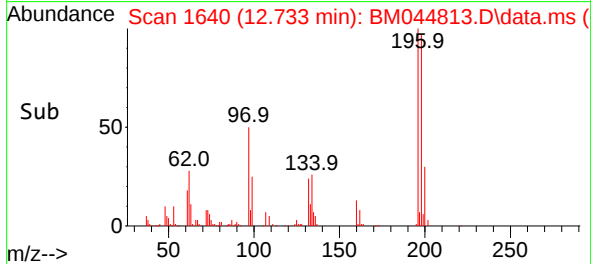
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



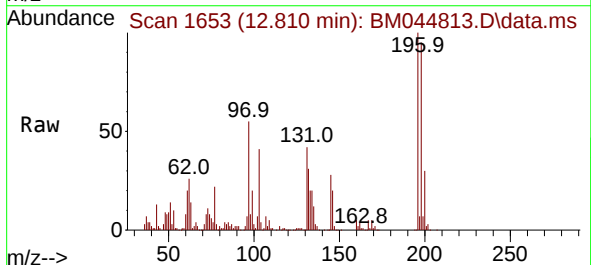
Tgt Ion:196 Resp: 18802
Ion Ratio Lower Upper
196 100
198 97.0 77.3 115.9
200 30.1 25.0 37.6

Manual Integrations
APPROVED

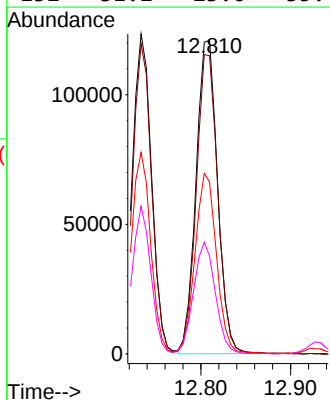
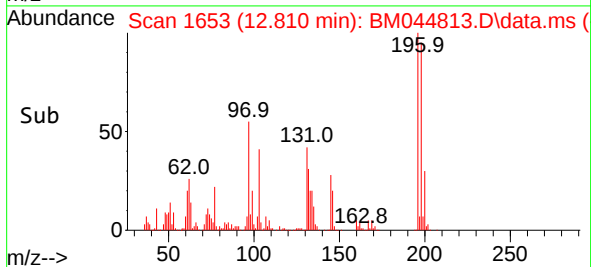
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

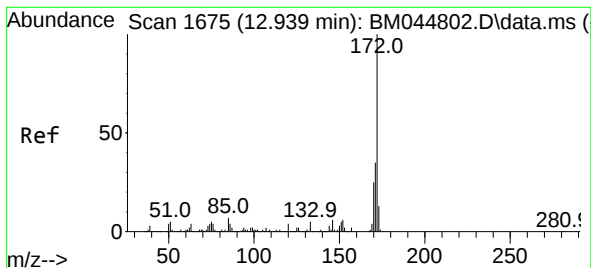


#44
2,4,5-Trichlorophenol
Concen: 41.414 ng
RT: 12.810 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



Tgt Ion:196 Resp: 201466
Ion Ratio Lower Upper
196 100
198 95.1 76.0 114.0
97 54.8 45.5 68.3
132 31.2 23.6 35.4





#45

2-Fluorobiphenyl

Concen: 83.289 ng

RT: 12.927 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044813.D

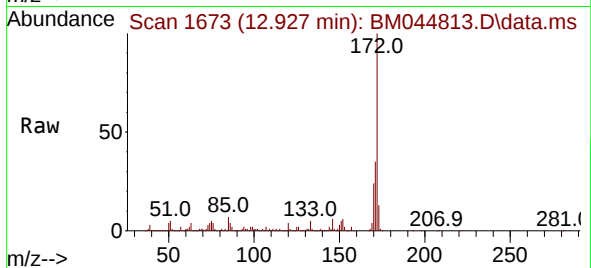
Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD



Tgt Ion:172 Resp: 1312328

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

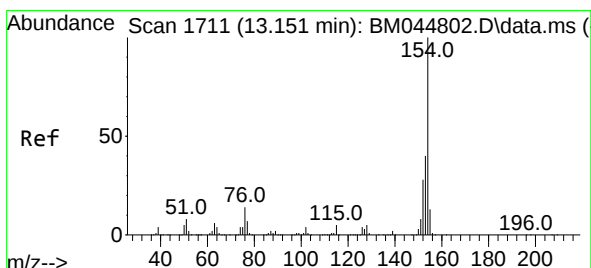
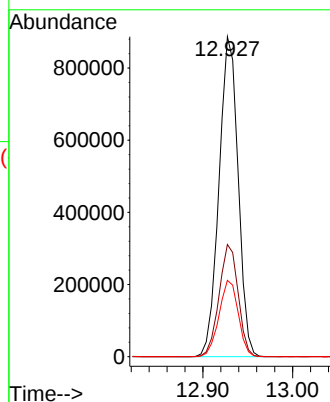
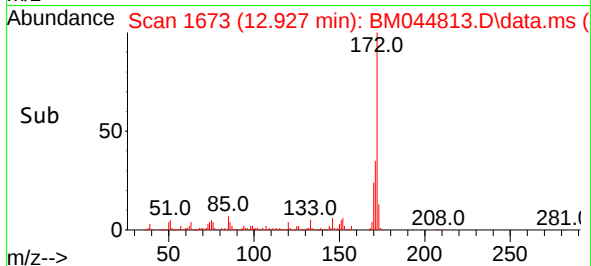
170 23.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#46

1,1'-Biphenyl

Concen: 43.150 ng

RT: 13.139 min Scan# 1709

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

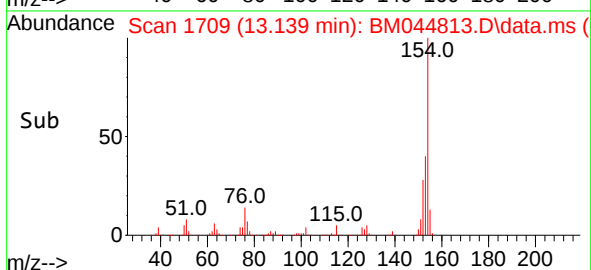
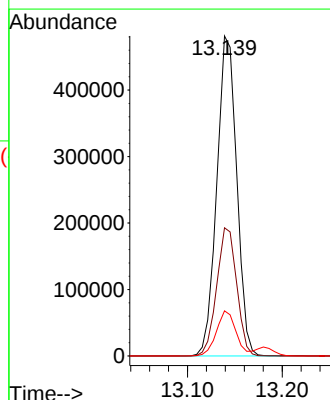
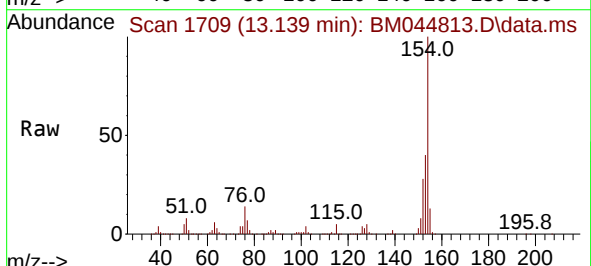
Tgt Ion:154 Resp: 704716

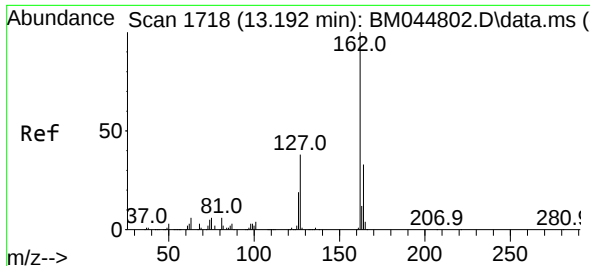
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

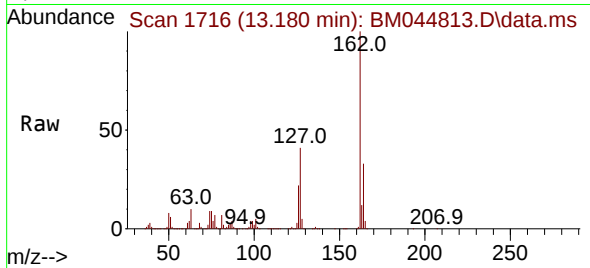
76 14.1 0.0 34.2





#47
2-Chloronaphthalene
Concen: 44.430 ng
RT: 13.180 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

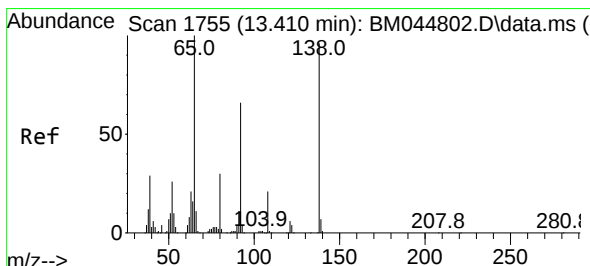
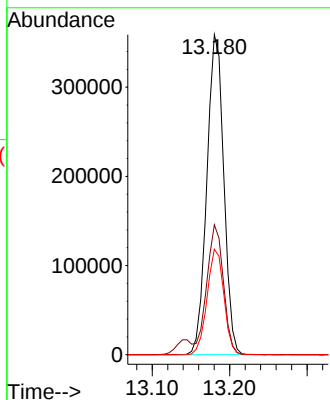
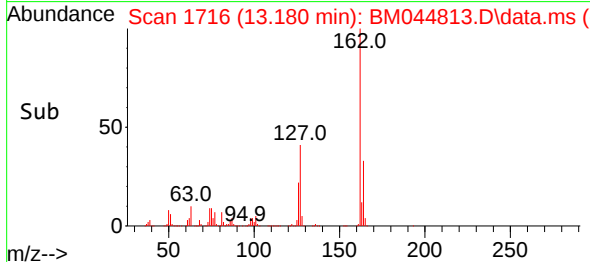
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



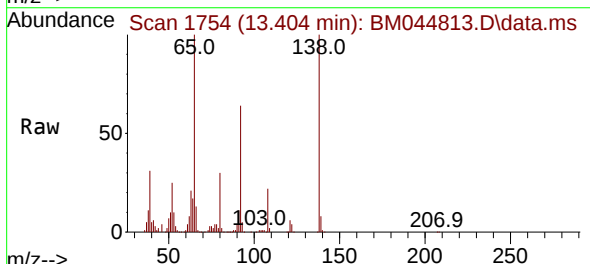
Tgt Ion:162 Resp: 54580
Ion Ratio Lower Upper
162 100
127 40.6 32.6 48.8
164 33.0 26.0 39.0

Manual Integrations
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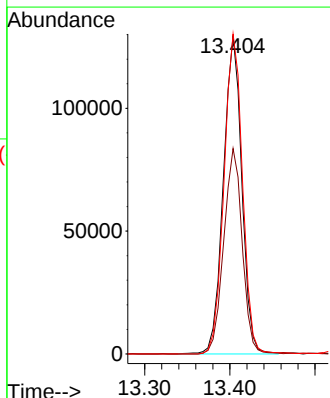
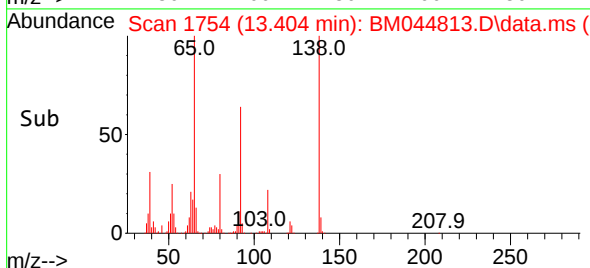
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

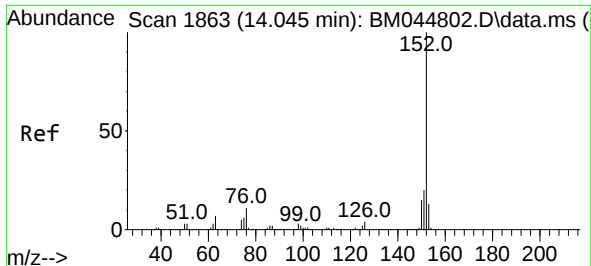


#48
2-Nitroaniline
Concen: 45.745 ng
RT: 13.404 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



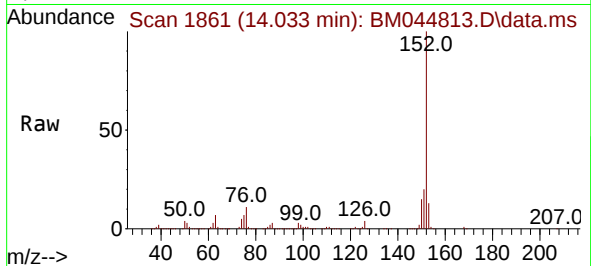
Tgt Ion: 65 Resp: 194645
Ion Ratio Lower Upper
65 100
92 64.5 52.4 78.6
138 100.5 76.9 115.3





#49
Acenaphthylene
Concen: 46.212 ng
RT: 14.033 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

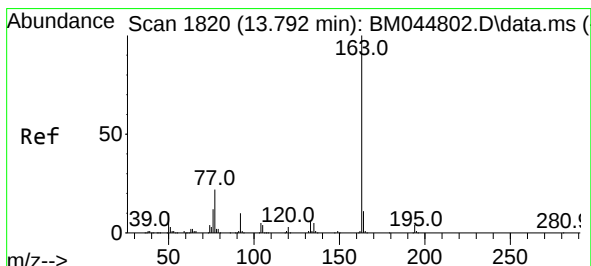
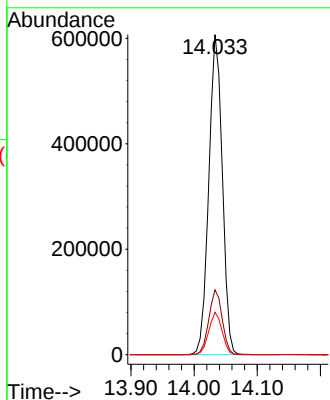
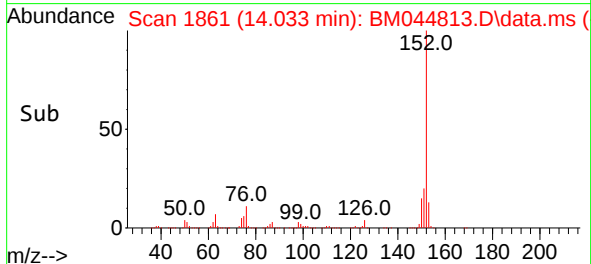
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



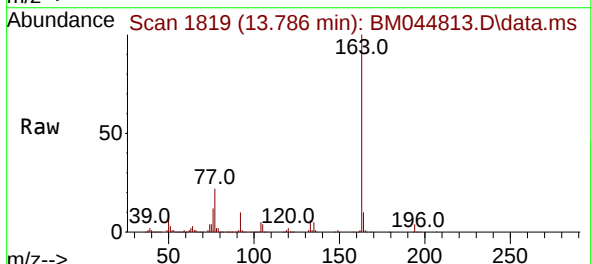
Tgt Ion:152 Resp: 899750
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.2 10.2 15.2

Manual Integrations
APPROVED

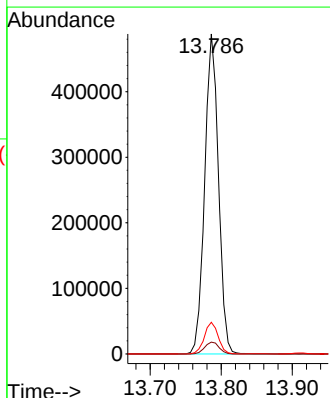
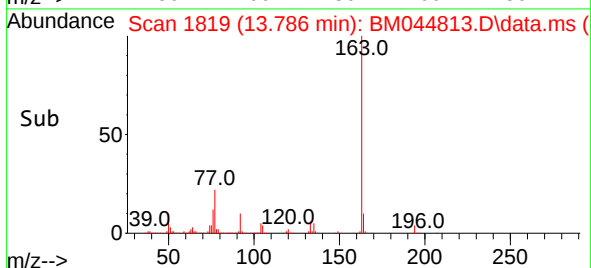
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

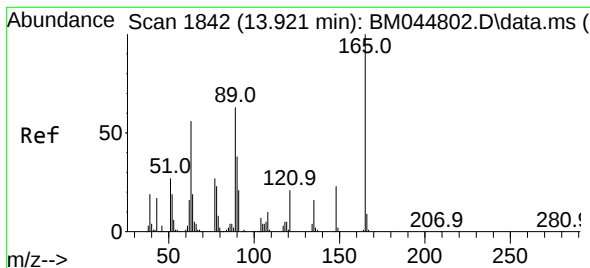


#50
Dimethylphthalate
Concen: 46.315 ng
RT: 13.786 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



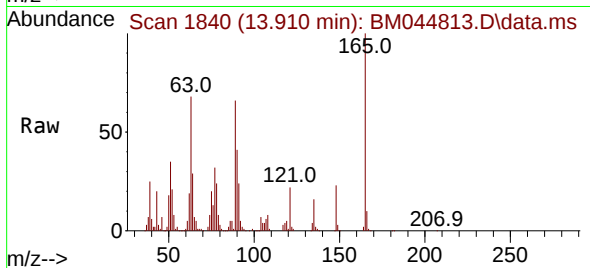
Tgt Ion:163 Resp: 657206
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.908 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

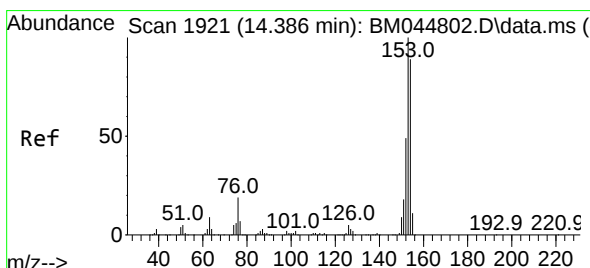
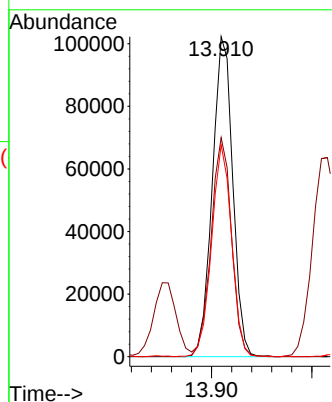
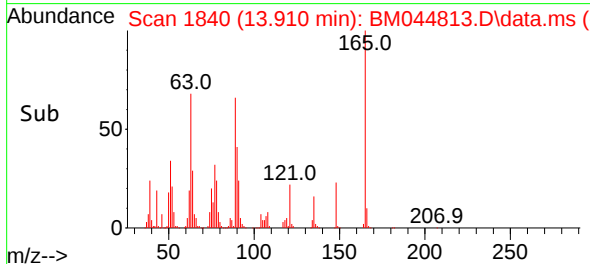
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:165 Resp: 14425
Ion Ratio Lower Upper
165 100
63 68.5 53.8 80.6
89 66.2 50.4 75.6

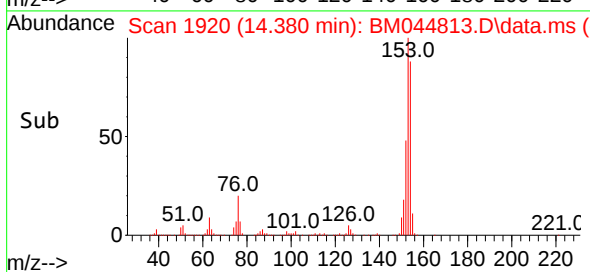
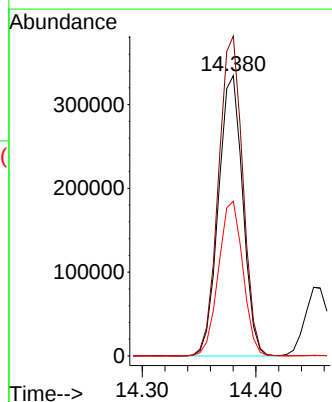
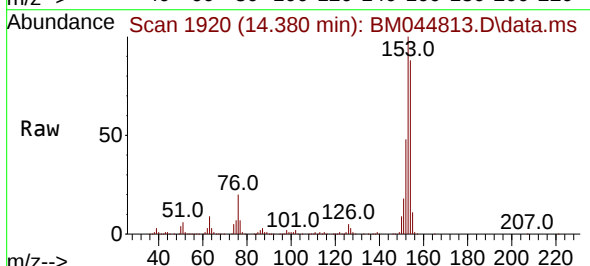
Manual Integrations
APPROVED

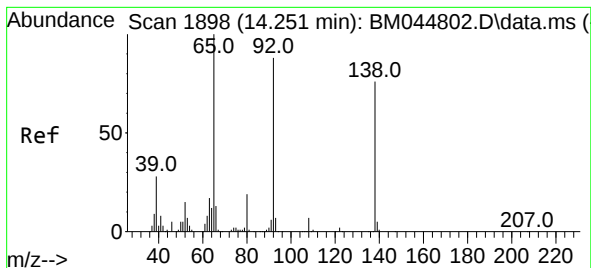
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#52
Acenaphthene
Concen: 43.127 ng
RT: 14.380 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

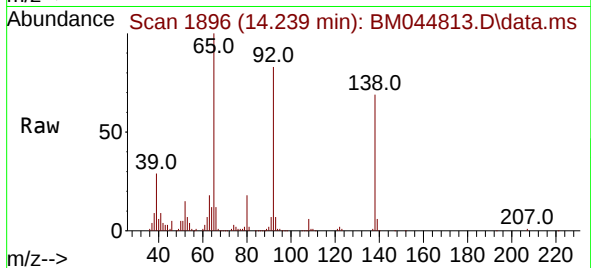
Tgt Ion:154 Resp: 496759
Ion Ratio Lower Upper
154 100
153 114.2 90.2 135.2
152 55.2 44.2 66.4





#53
3-Nitroaniline
Concen: 23.906 ng
RT: 14.239 min Scan# 1896
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

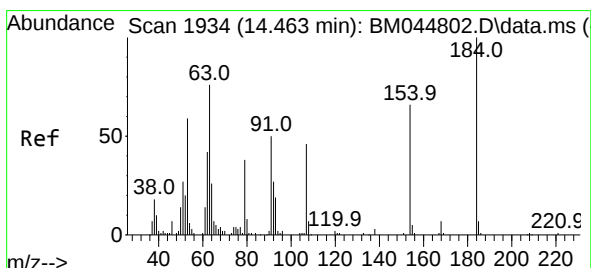
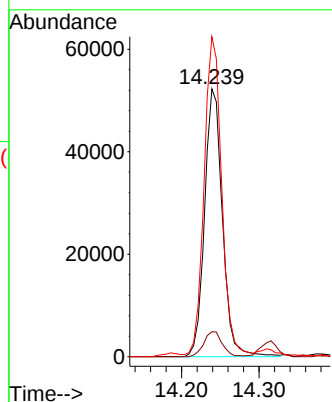
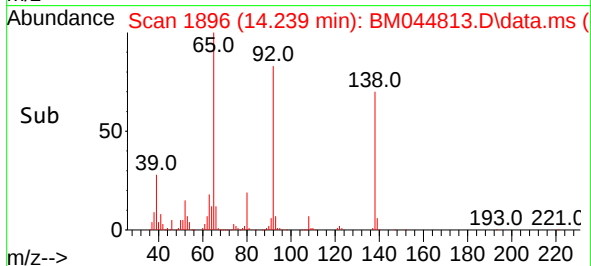
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:138 Resp: 83745
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 119.4 91.6 137.4

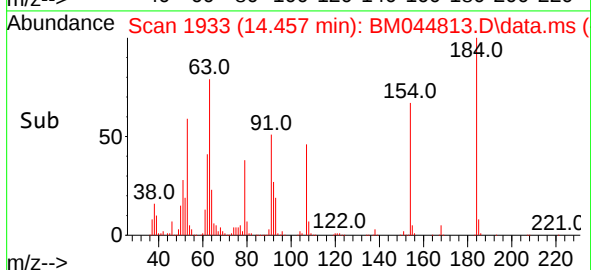
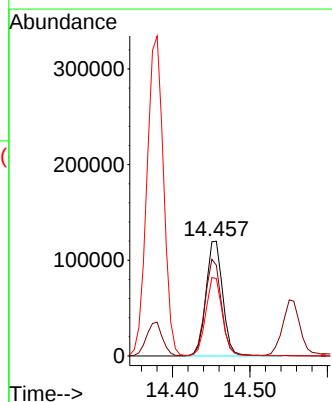
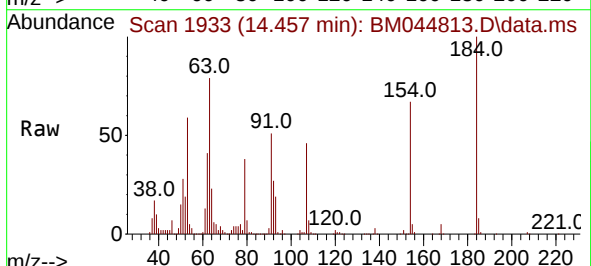
Manual Integrations
APPROVED

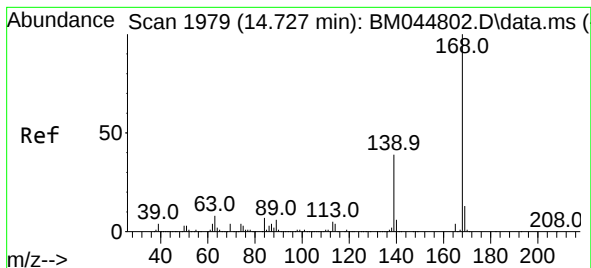
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#54
2,4-Dinitrophenol
Concen: 93.850 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

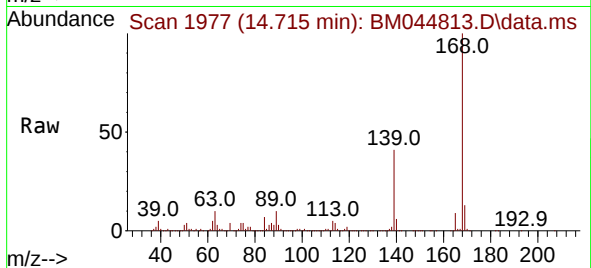
Tgt Ion:184 Resp: 179769
Ion Ratio Lower Upper
184 100
63 79.0 60.9 91.3
154 67.4 54.2 81.4





#55
Dibenzenofuran
Concen: 44.287 ng
RT: 14.715 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

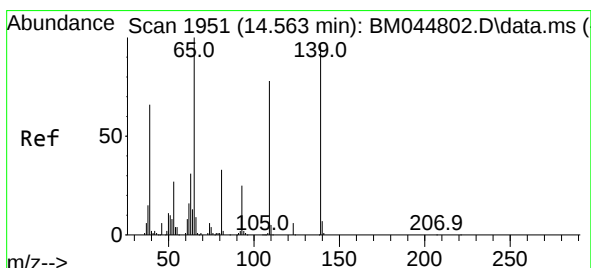
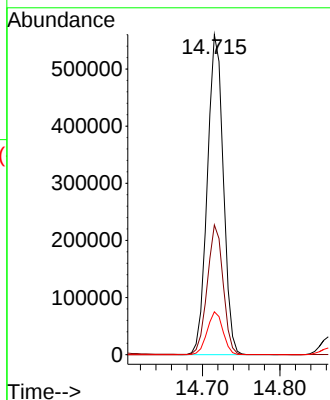
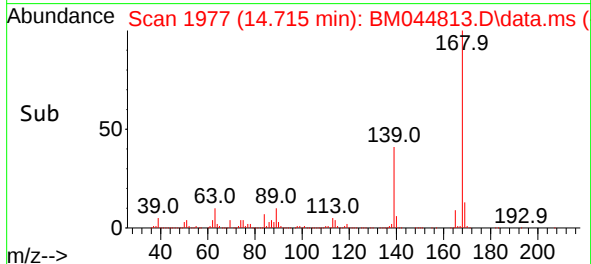
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:168 Resp: 80036
Ion Ratio Lower Upper
168 100
139 40.6 31.4 47.0
169 13.4 10.6 15.8

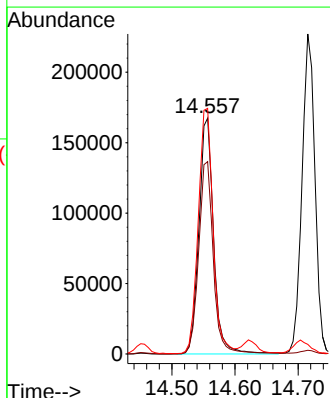
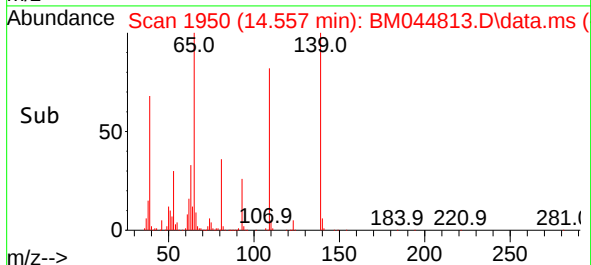
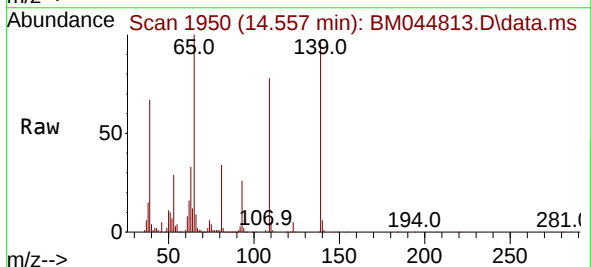
Manual Integrations
APPROVED

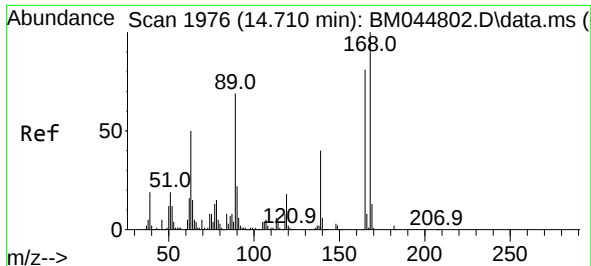
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#56
4-Nitrophenol
Concen: 100.440 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

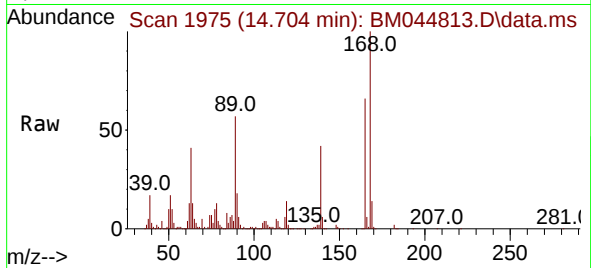
Tgt Ion:139 Resp: 270781
Ion Ratio Lower Upper
139 100
109 81.5 60.6 100.6
65 104.1 83.8 123.8





#57
2,4-Dinitrotoluene
Concen: 51.718 ng
RT: 14.704 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

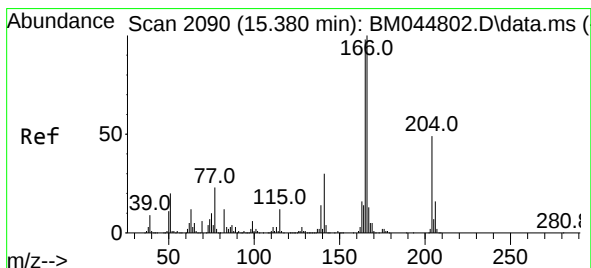
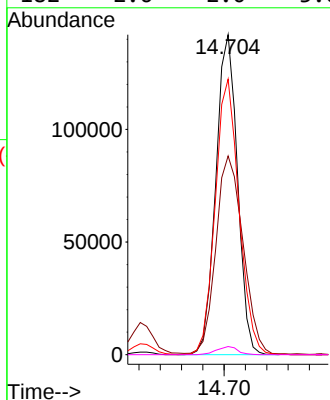
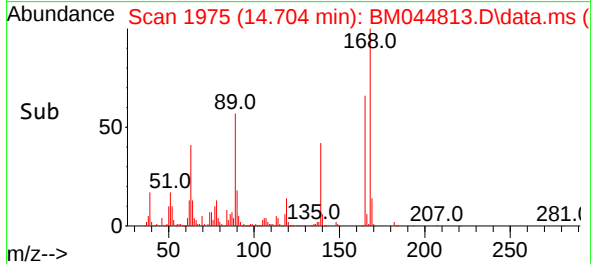
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:165 Resp: 199549
Ion Ratio Lower Upper
165 100
63 62.1 49.9 74.9
89 86.1 68.6 102.8
182 2.6 2.0 3.0

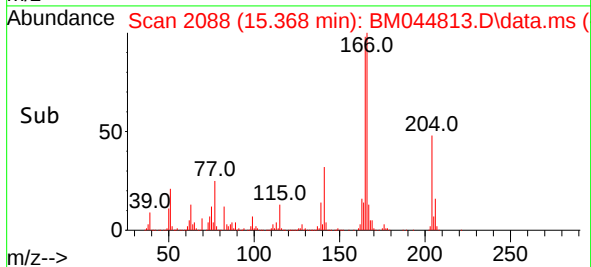
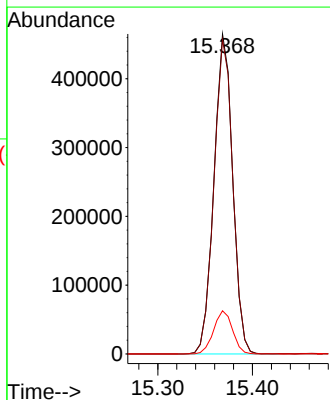
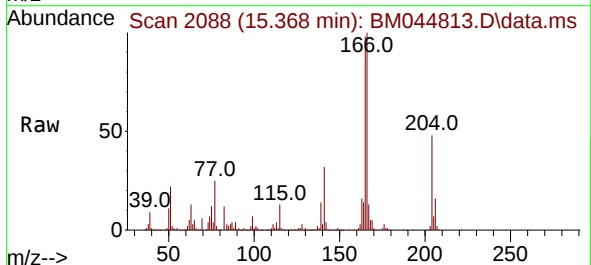
Manual Integrations
APPROVED

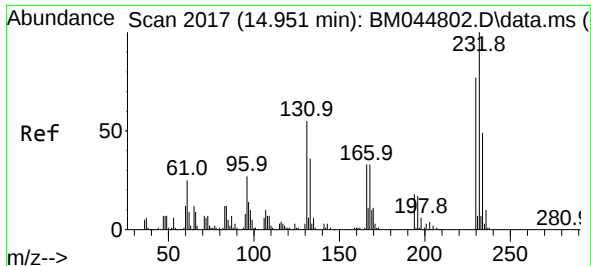
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#58
Fluorene
Concen: 45.975 ng
RT: 15.368 min Scan# 2088
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

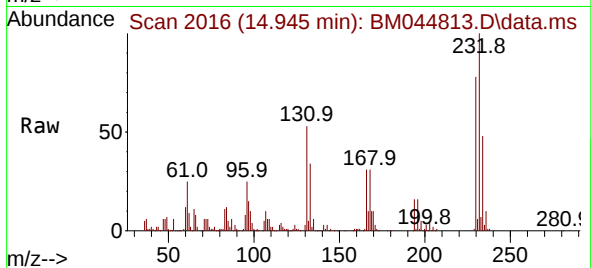
Tgt Ion:166 Resp: 638483
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.236 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

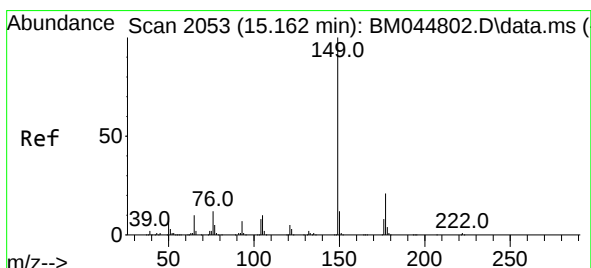
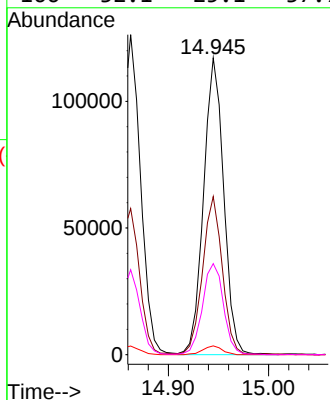
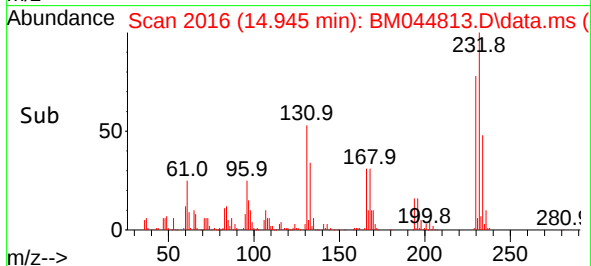
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion:232 Resp: 163964
Ion Ratio Lower Upper
232 100
131 52.1 42.0 63.0
130 2.8 2.2 3.2
166 32.1 25.1 37.7

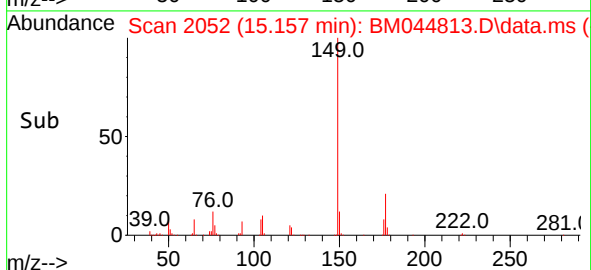
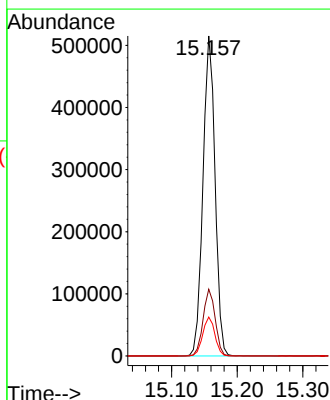
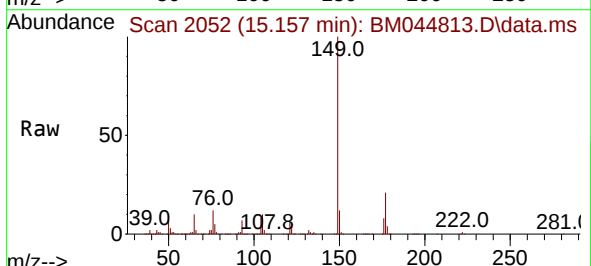
Manual Integrations
APPROVED

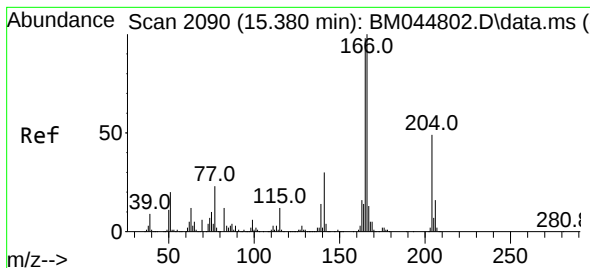
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#60
Diethylphthalate
Concen: 49.687 ng
RT: 15.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

Tgt Ion:149 Resp: 661963
Ion Ratio Lower Upper
149 100
177 20.8 16.4 24.6
150 12.1 9.8 14.8





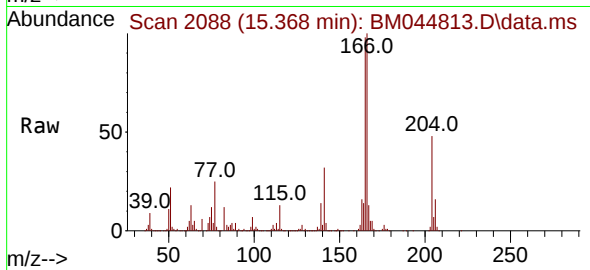
#61
4-Chlorophenyl-phenylether
Concen: 45.474 ng
RT: 15.368 min Scan# 2088
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD

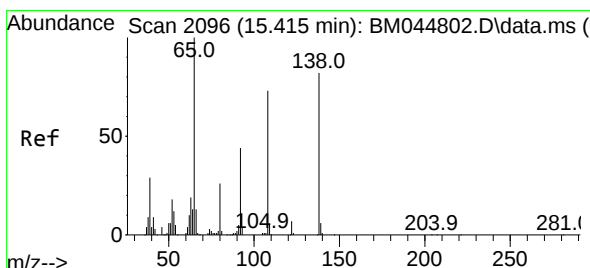
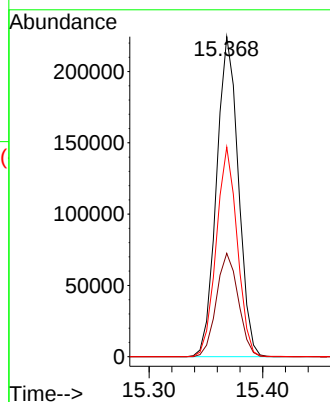
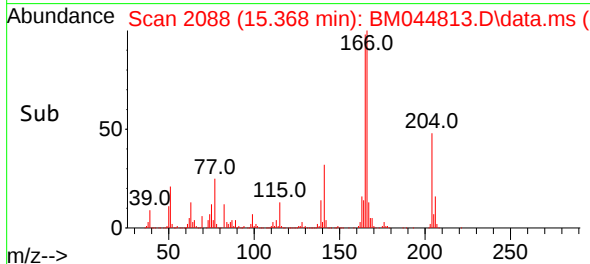


Tgt Ion:204 Resp: 29966
Ion Ratio Lower Upper
204 100
206 32.3 25.5 38.3
141 65.5 49.5 74.3

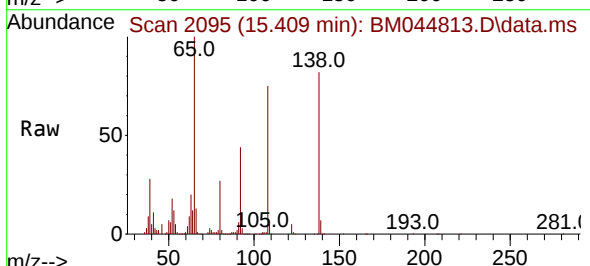
Manual Integrations

APPROVED

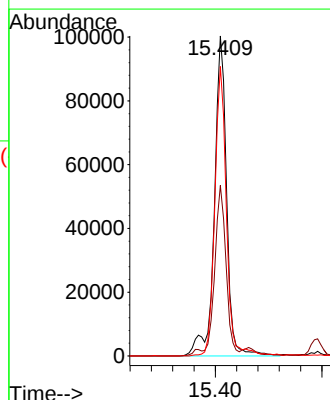
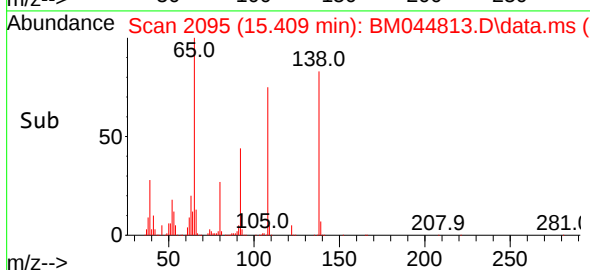
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

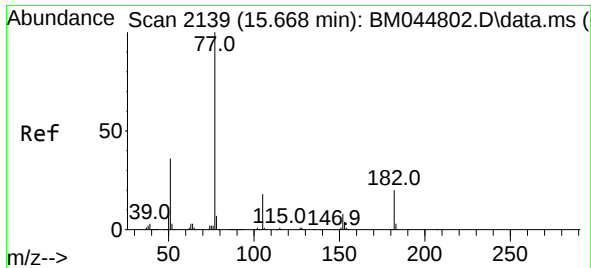


#62
4-Nitroaniline
Concen: 47.754 ng m
RT: 15.409 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



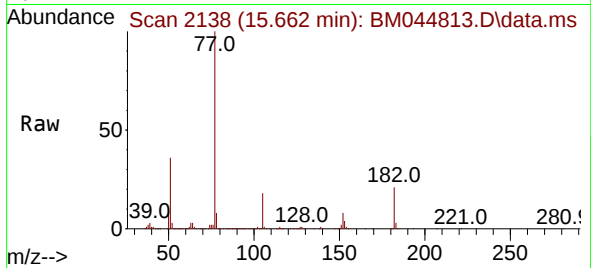
Tgt Ion:138 Resp: 160653
Ion Ratio Lower Upper
138 100
92 53.3 34.4 74.4
108 90.4 68.8 108.8





#63
Azobenzene
Concen: 48.310 ng
RT: 15.662 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

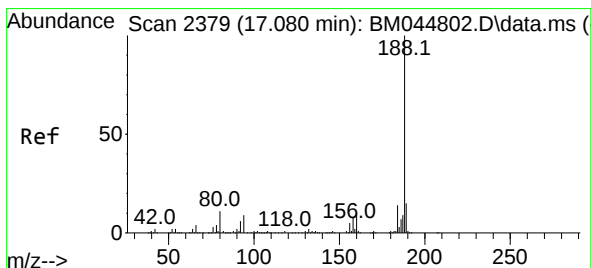
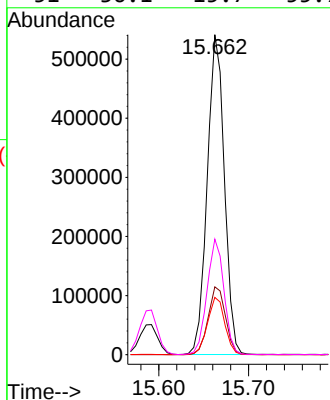
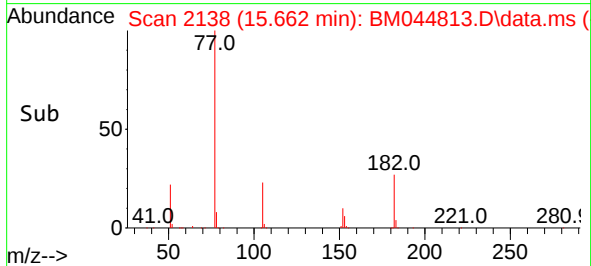
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



Tgt Ion: 77 Resp: 717230
Ion Ratio Lower Upper
77 100
182 21.2 0.3 40.3
105 17.9 0.0 38.4
51 36.1 15.7 55.7

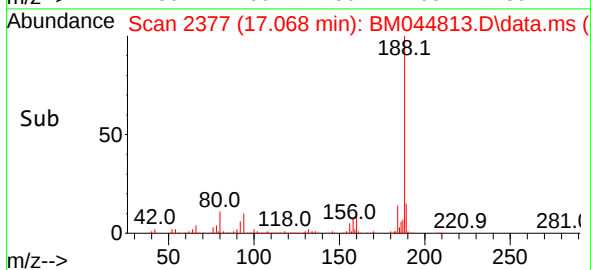
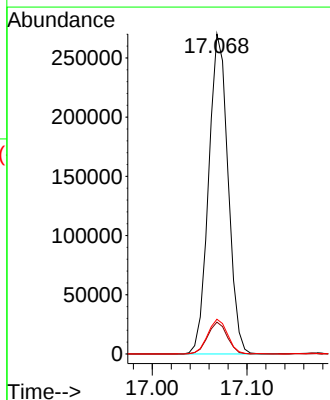
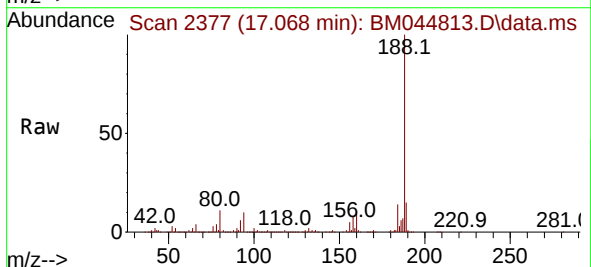
Manual Integrations
APPROVED

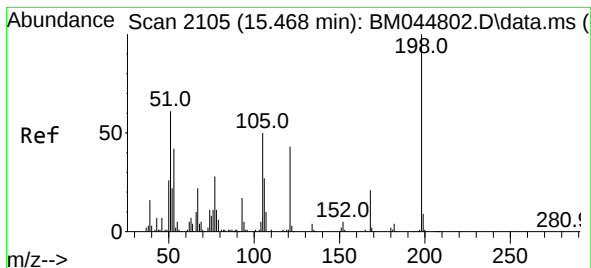
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.068 min Scan# 2377
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

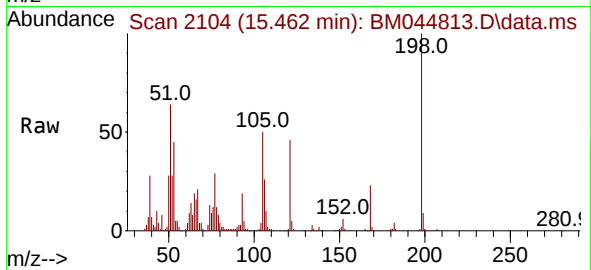
Tgt Ion:188 Resp: 385346
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.9 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 46.677 ng
RT: 15.462 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

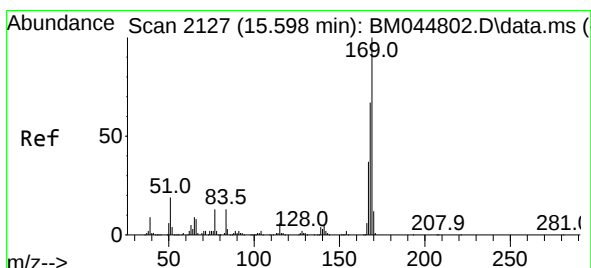
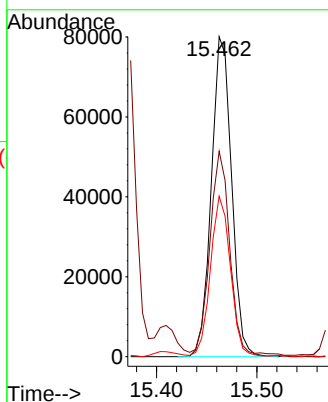
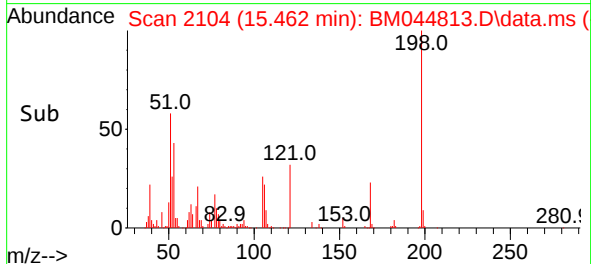
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



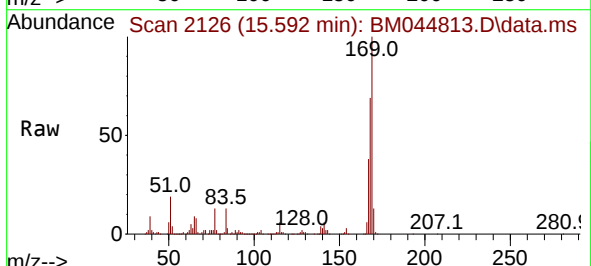
Tgt Ion:198 Resp: 111931
Ion Ratio Lower Upper
198 100
51 64.2 44.2 84.2
105 50.2 30.9 70.9

Manual Integrations
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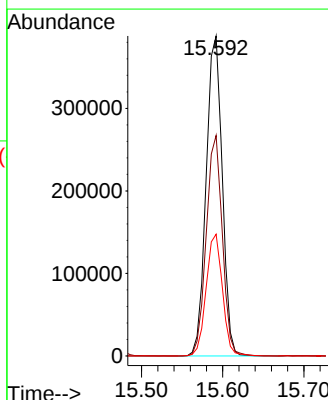
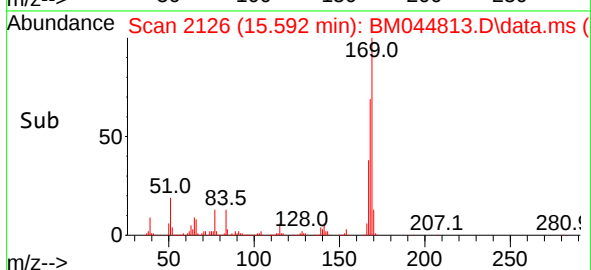
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

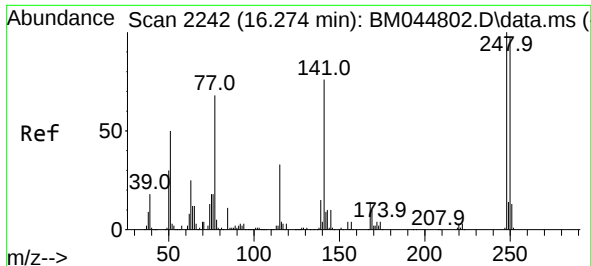


#66
n-Nitrosodiphenylamine
Concen: 41.652 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



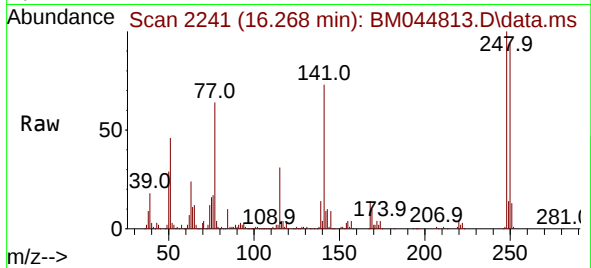
Tgt Ion:169 Resp: 532070
Ion Ratio Lower Upper
169 100
168 68.9 53.4 80.2
167 38.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 42.445 ng
RT: 16.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

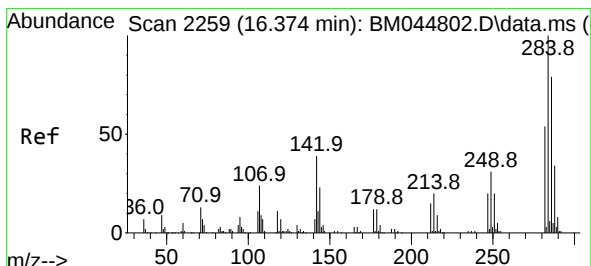
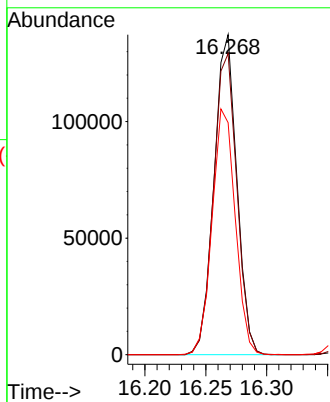
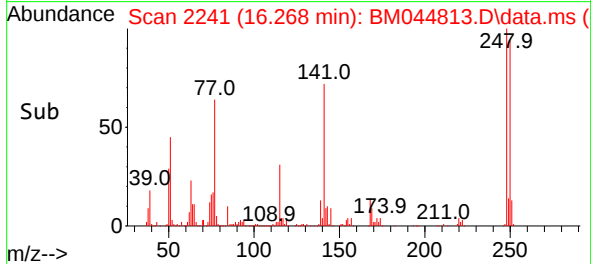
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



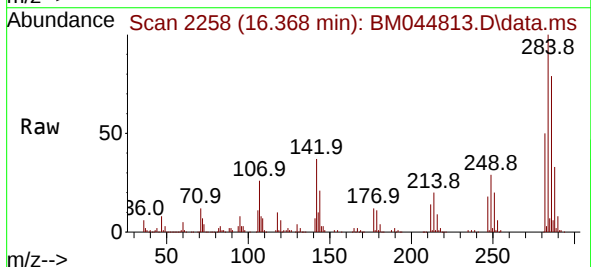
Tgt Ion:248 Resp: 17905
Ion Ratio Lower Upper
248 100
250 94.1 77.7 116.5
141 72.5 60.7 91.1

Manual Integrations
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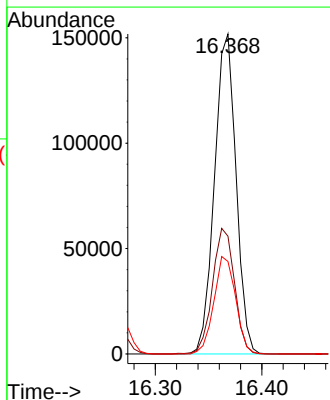
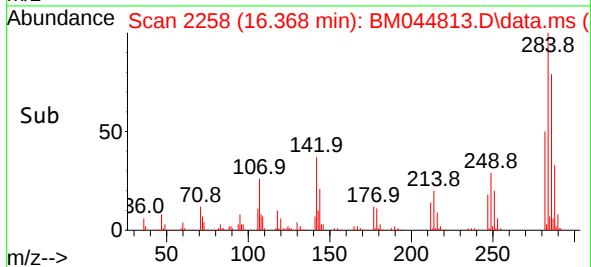
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

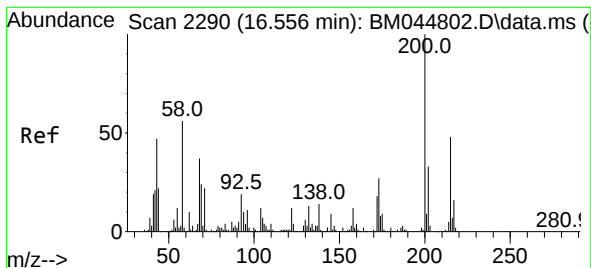


#68
Hexachlorobenzene
Concen: 46.687 ng
RT: 16.368 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



Tgt Ion:284 Resp: 213179
Ion Ratio Lower Upper
284 100
142 36.8 31.0 46.4
249 28.9 24.6 37.0





#69

Atrazine

Concen: 50.438 ng

RT: 16.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044813.D

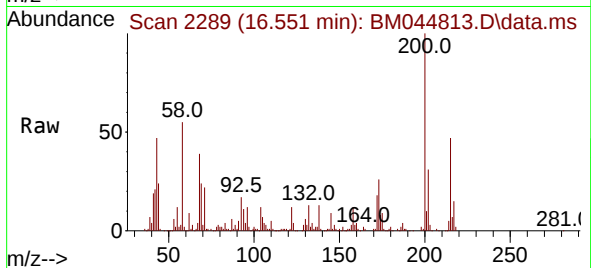
Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD



Tgt Ion:200 Resp: 176090

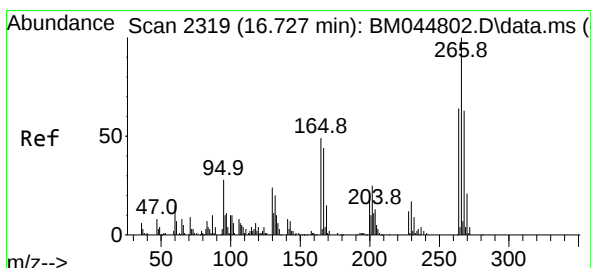
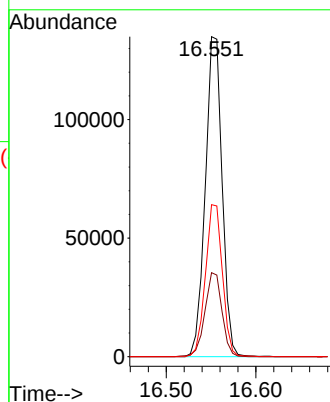
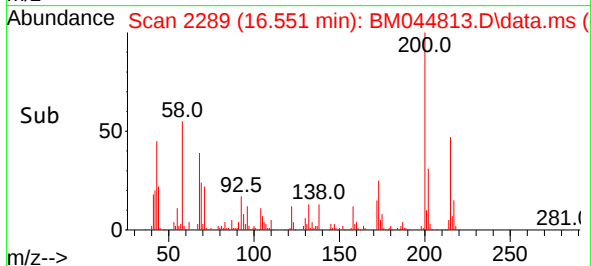
Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.5	47.5
215	47.5	28.4	68.4

Manual Integrations

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Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#70

Pentachlorophenol

Concen: 99.770 ng

RT: 16.721 min Scan# 2318

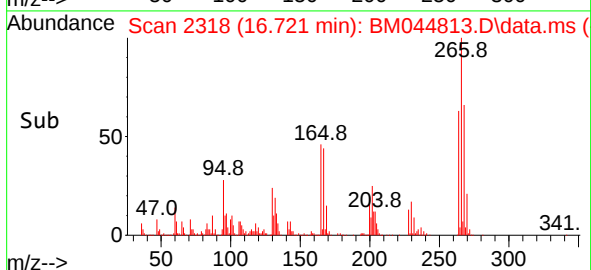
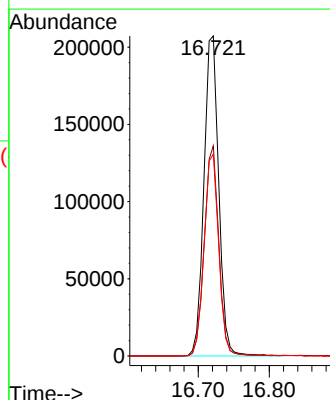
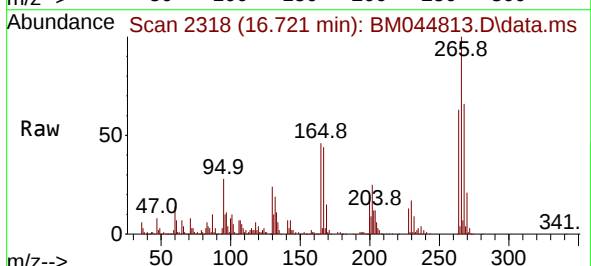
Delta R.T. -0.006 min

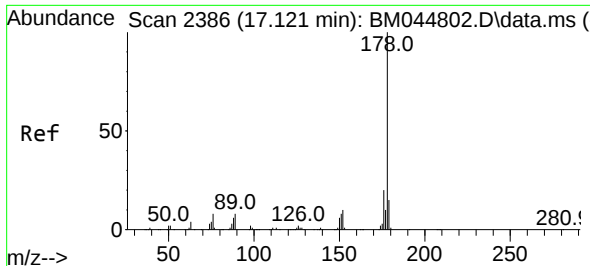
Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Tgt Ion:266 Resp: 301524

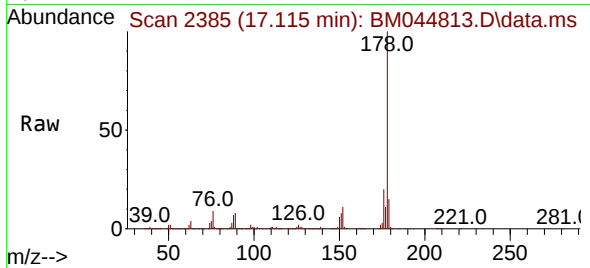
Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.6	75.8
264	63.1	51.3	76.9





#71
Phenanthrene
Concen: 44.775 ng
RT: 17.115 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

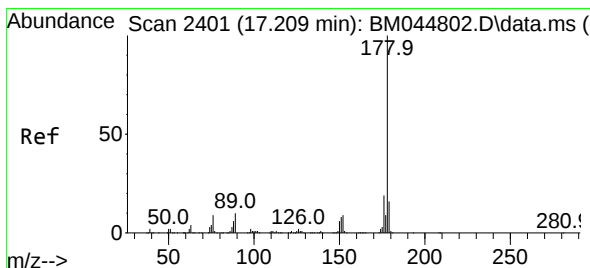
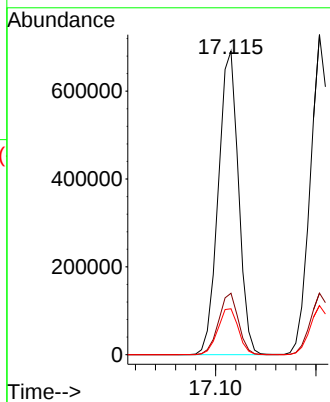
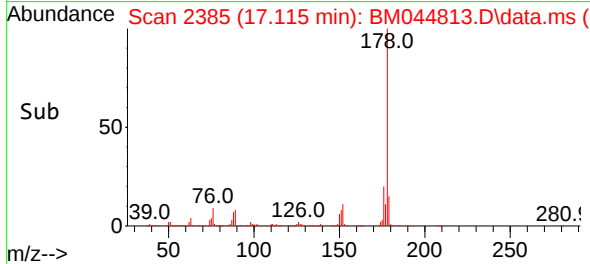
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



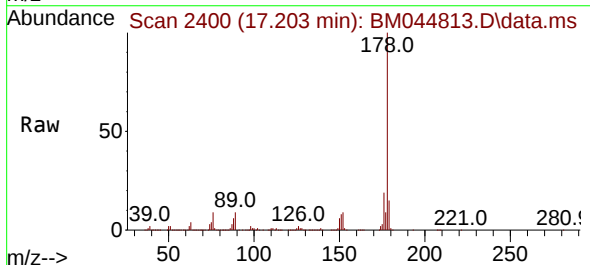
Tgt Ion:178 Resp: 96259
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 15.1 12.2 18.2

Manual Integrations
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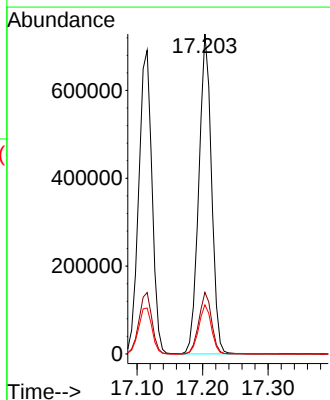
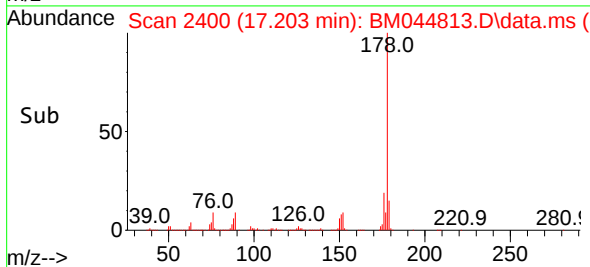
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

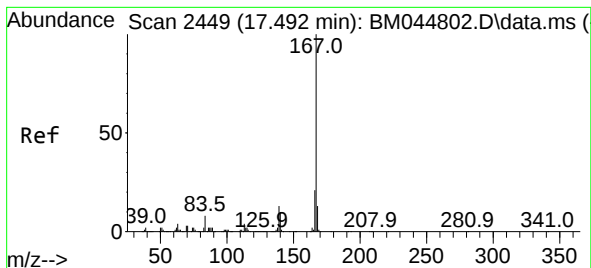


#72
Anthracene
Concen: 45.146 ng
RT: 17.203 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



Tgt Ion:178 Resp: 980320
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.8 19.2





#73

Carbazole

Concen: 49.552 ng

RT: 17.480 min Scan# 2447

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD

Tgt Ion:167 Resp: 96081

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

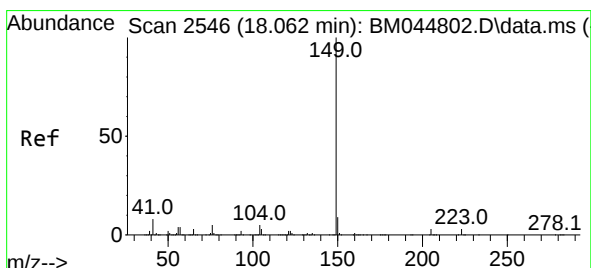
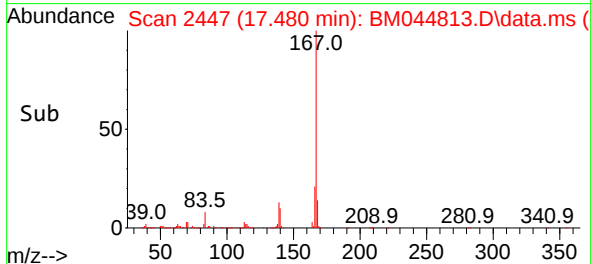
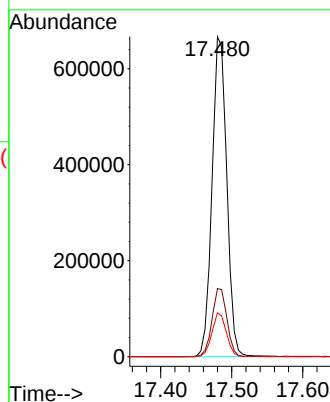
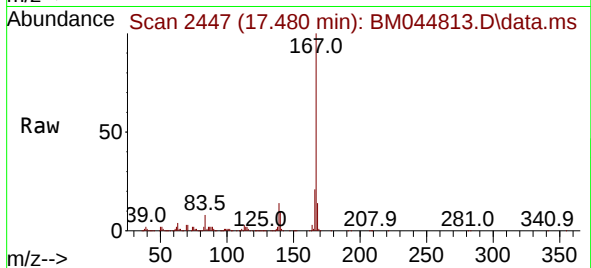
139 13.7 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#74

Di-n-butylphthalate

Concen: 54.360 ng

RT: 18.050 min Scan# 2544

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

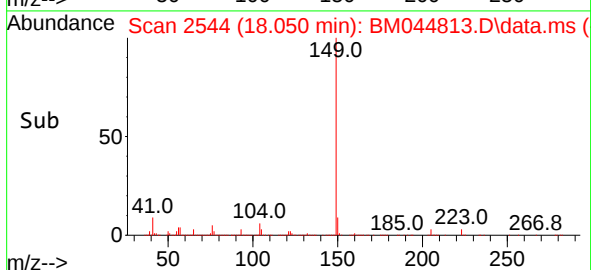
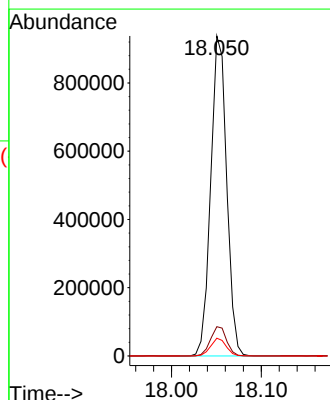
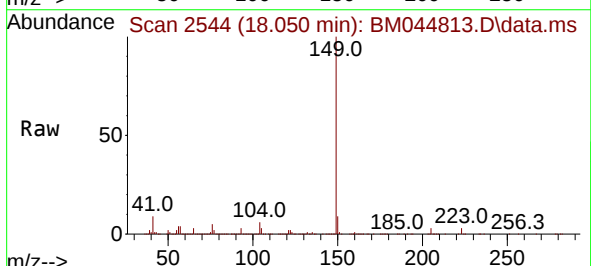
Tgt Ion:149 Resp: 1157577

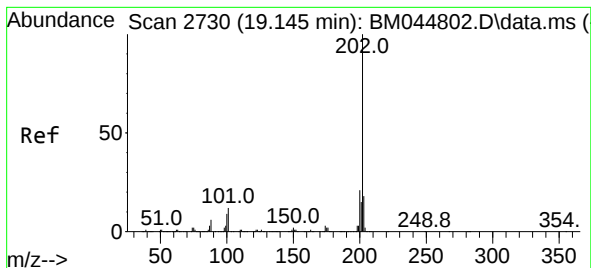
Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 5.6 4.2 6.4





#75

Fluoranthene

Concen: 53.230 ng

RT: 19.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD

Tgt Ion:202 Resp: 1142280

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.2

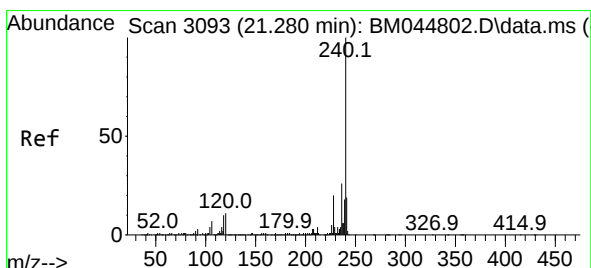
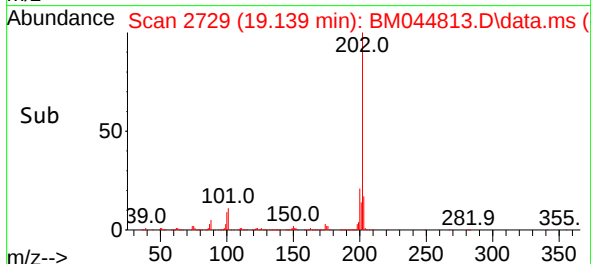
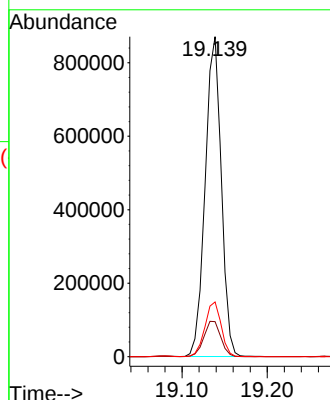
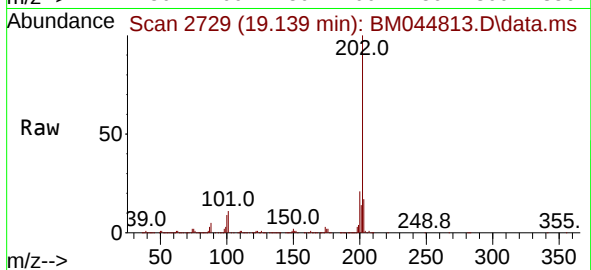
203 17.1 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.268 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

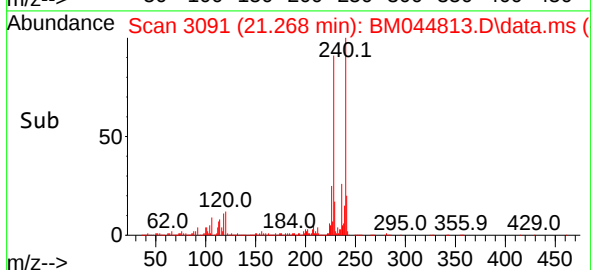
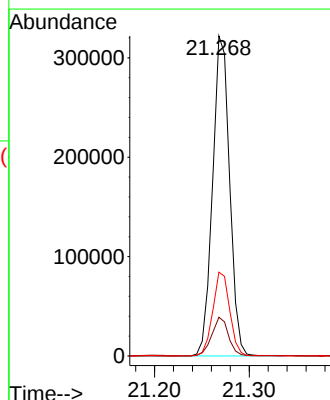
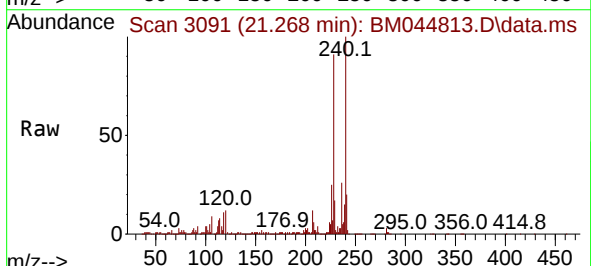
Tgt Ion:240 Resp: 401835

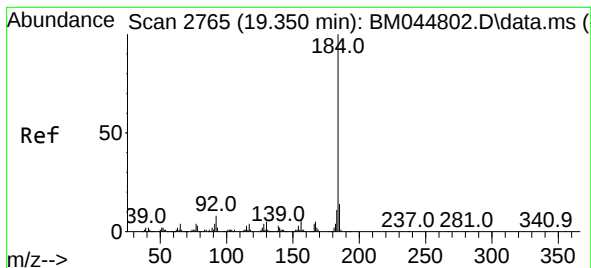
Ion Ratio Lower Upper

240 100

120 12.1 8.6 12.8

236 26.2 20.8 31.2





#77

Benzidine

Concen: 10.895 ng

RT: 19.339 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD

Tgt Ion:184 Resp: 9439

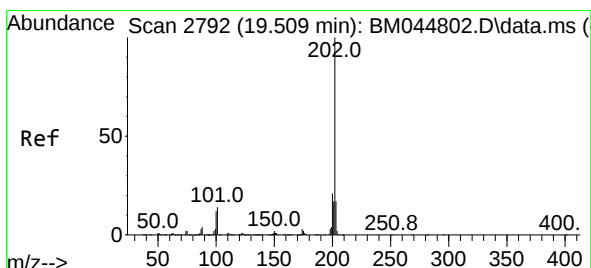
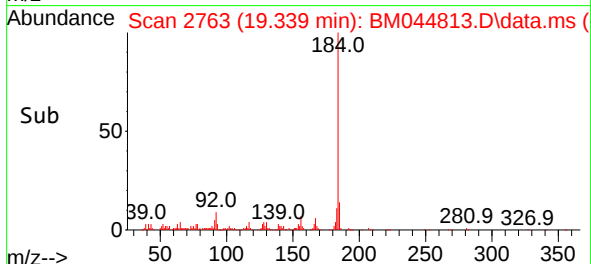
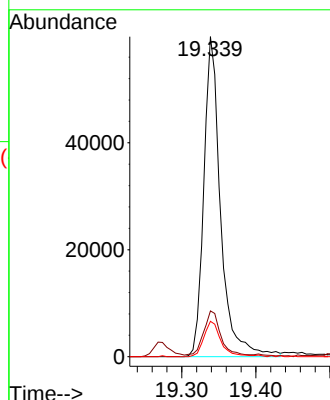
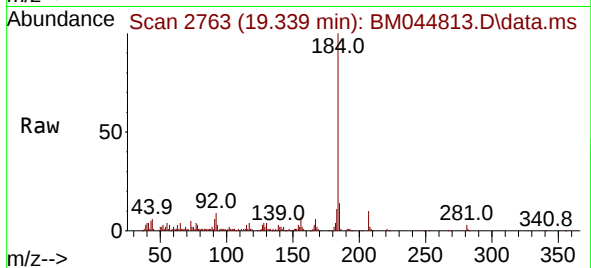
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.2	16.8
183	11.1	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#78

Pyrene

Concen: 38.021 ng

RT: 19.503 min Scan# 2791

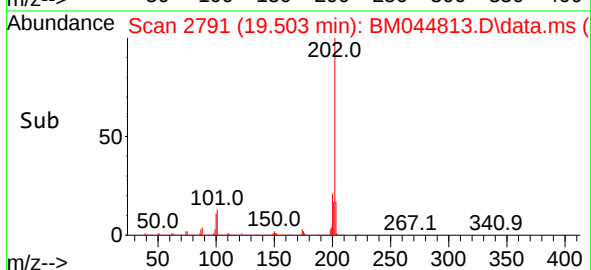
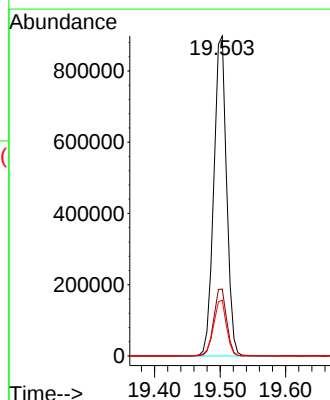
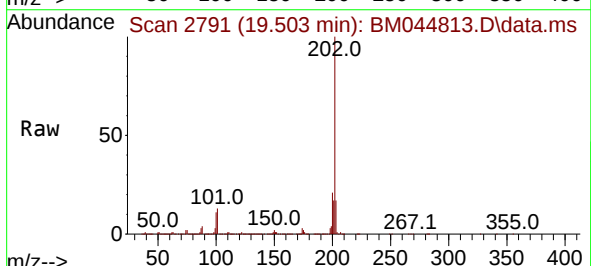
Delta R.T. -0.006 min

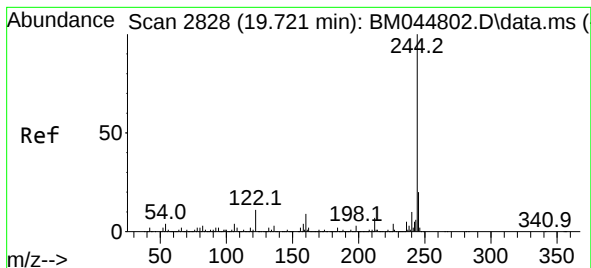
Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Tgt Ion:202 Resp: 1217439

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.4	13.9	20.9





#79

Terphenyl-d14

Concen: 80.276 ng

RT: 19.715 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044813.D

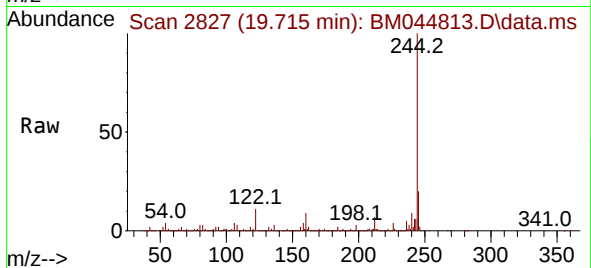
Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD



Tgt Ion:244 Resp: 1903449

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

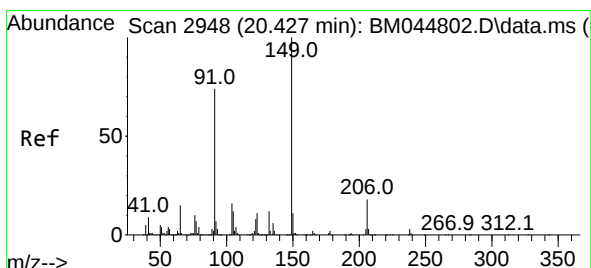
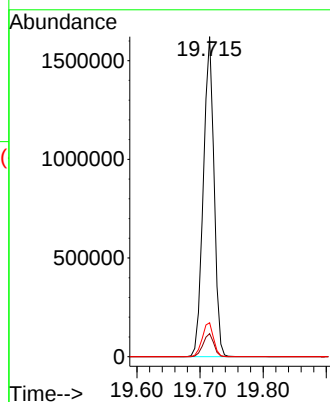
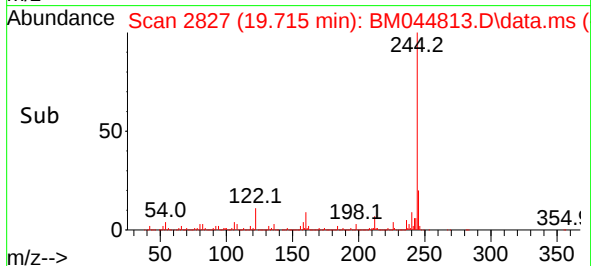
122 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#80

Butylbenzylphthalate

Concen: 47.367 ng

RT: 20.421 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

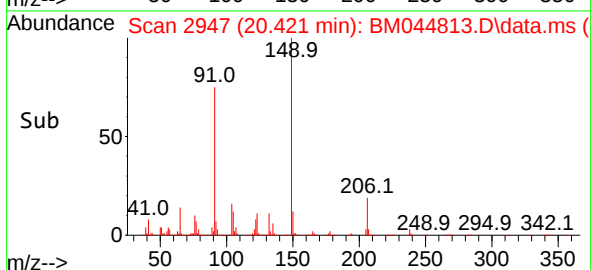
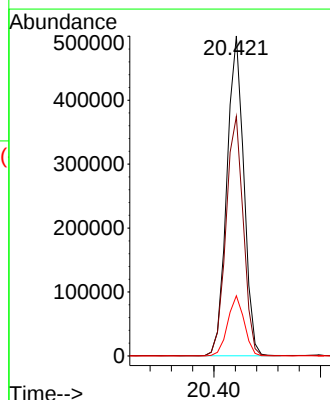
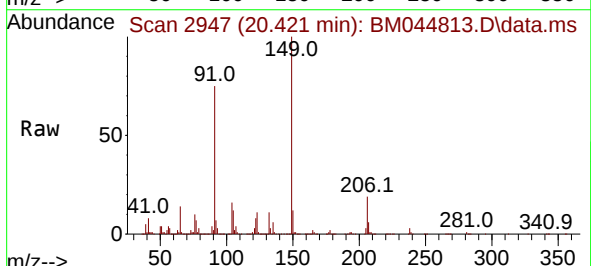
Tgt Ion:149 Resp: 551614

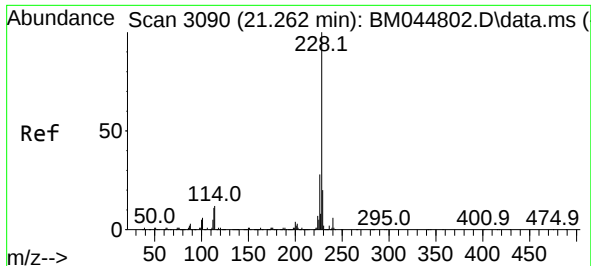
Ion Ratio Lower Upper

149 100

91 74.8 59.5 89.3

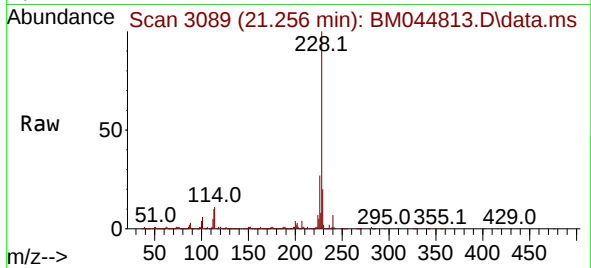
206 18.8 14.6 21.8





#81
Benzo(a)anthracene
Concen: 45.727 ng
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

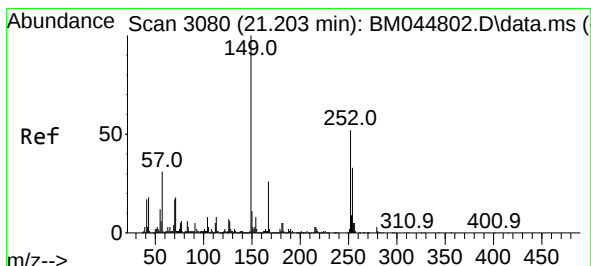
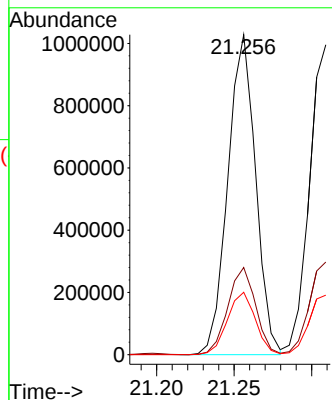
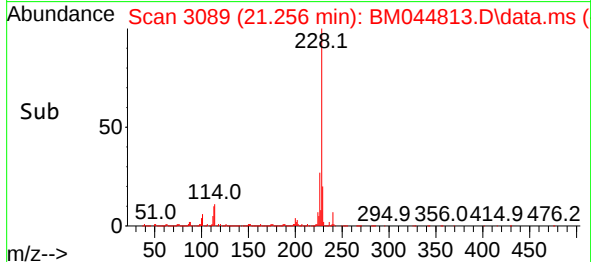
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



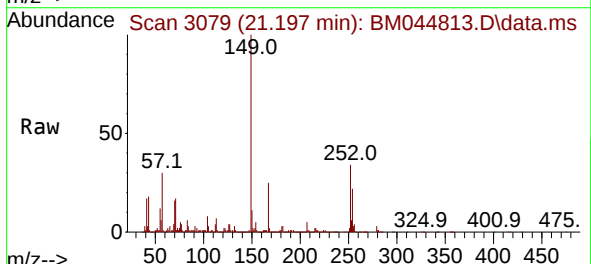
Tgt Ion:228 Resp: 128081
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.5 15.8 23.8

Manual Integrations
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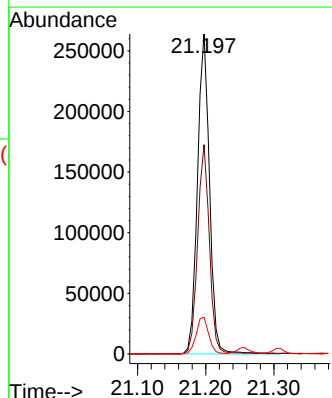
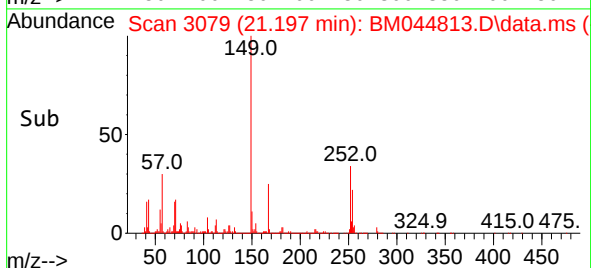
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

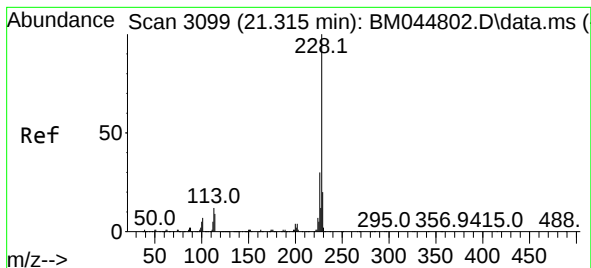


#82
3,3'-Dichlorobenzidine
Concen: 33.156 ng
RT: 21.197 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



Tgt Ion:252 Resp: 322041
Ion Ratio Lower Upper
252 100
254 65.4 51.0 76.4
126 11.5 10.0 15.0





#83

Chrysene

Concen: 45.667 ng

RT: 21.309 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD

Tgt Ion:228 Resp: 122595

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

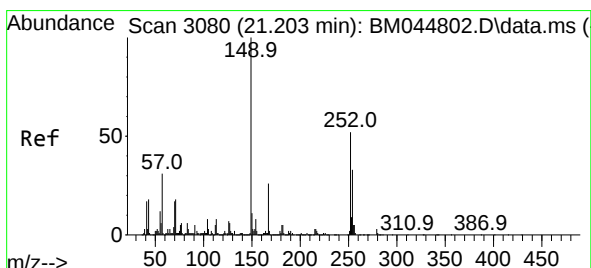
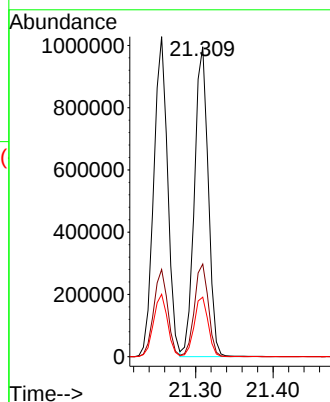
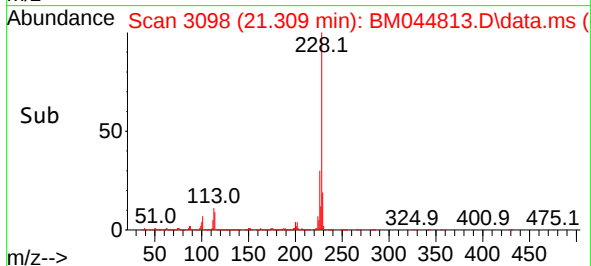
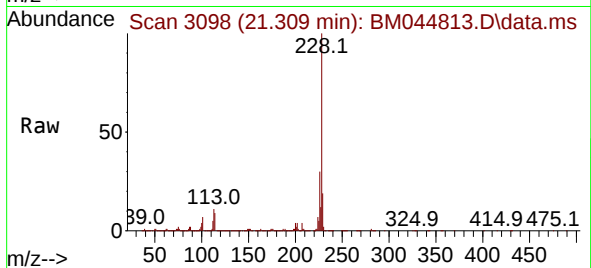
229 19.2 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.141 ng

RT: 21.197 min Scan# 3079

Delta R.T. -0.006 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

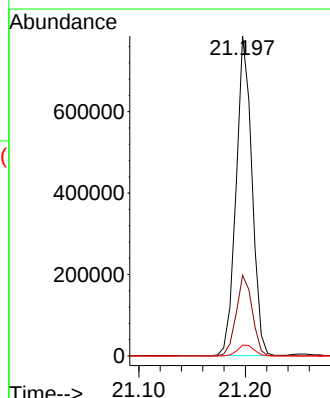
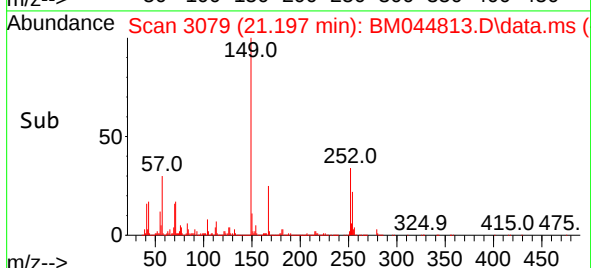
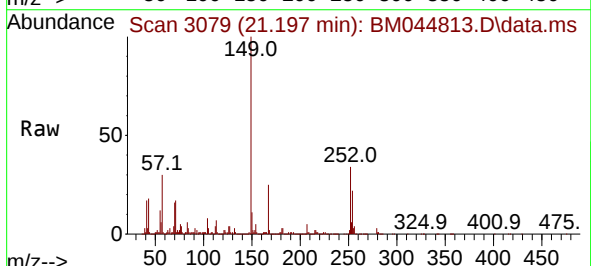
Tgt Ion:149 Resp: 811797

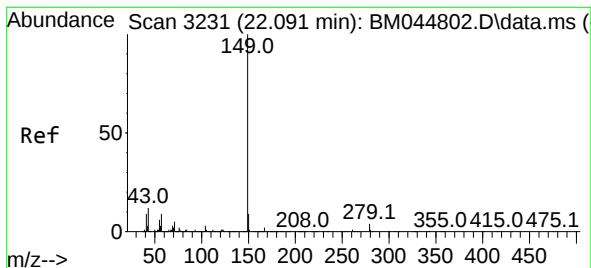
Ion Ratio Lower Upper

149 100

167 25.2 20.5 30.7

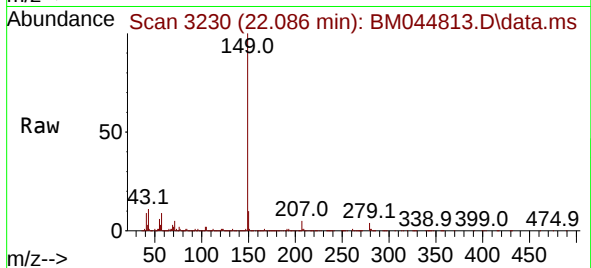
279 3.4 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 55.911 ng
RT: 22.086 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

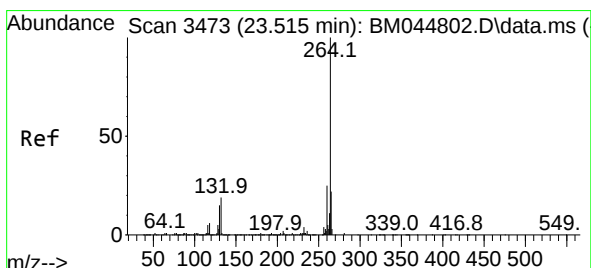
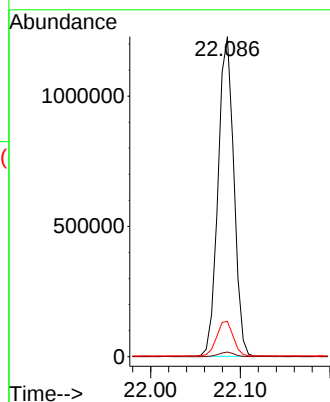
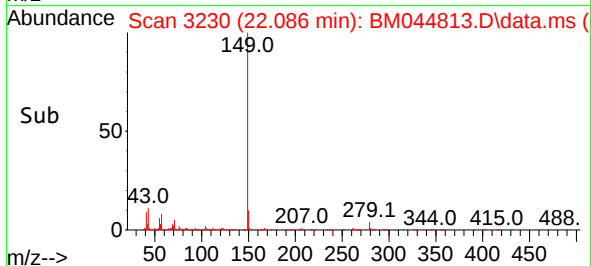
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



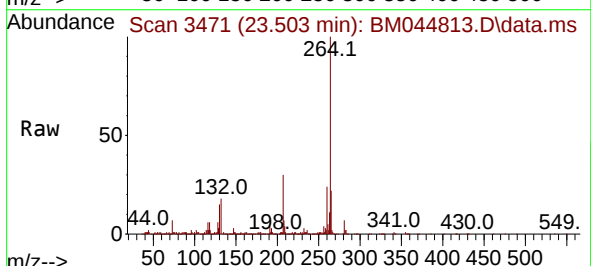
Tgt Ion:149 Resp: 1501832
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 11.5 9.3 13.9

Manual Integrations
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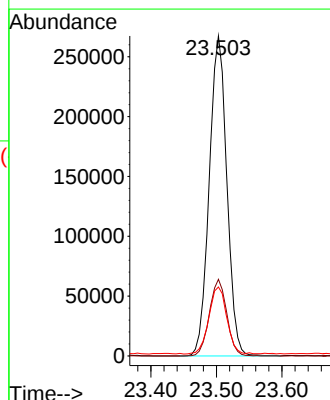
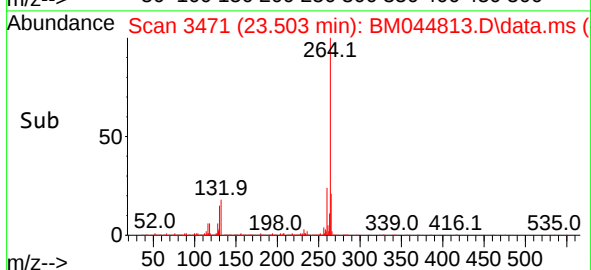
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

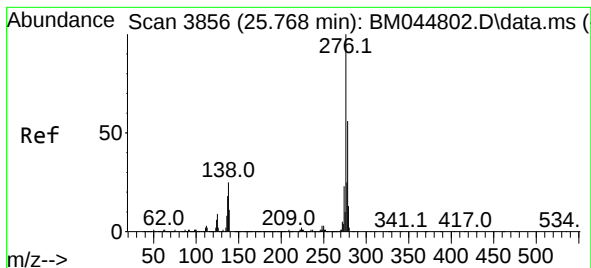


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.503 min Scan# 3471
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



Tgt Ion:264 Resp: 499132
Ion Ratio Lower Upper
264 100
260 24.0 19.7 29.5
265 21.5 18.9 28.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.326 ng

RT: 25.762 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044813.D

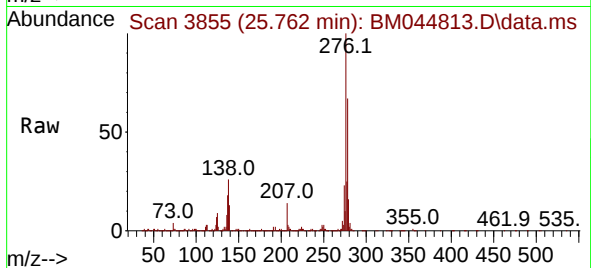
Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD



Tgt Ion:276 Resp: 175646

Ion Ratio Lower Upper

276 100

138 26.7 22.2 33.2

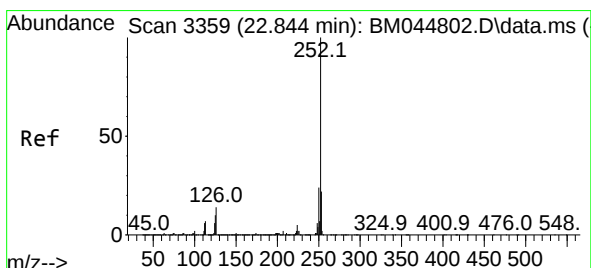
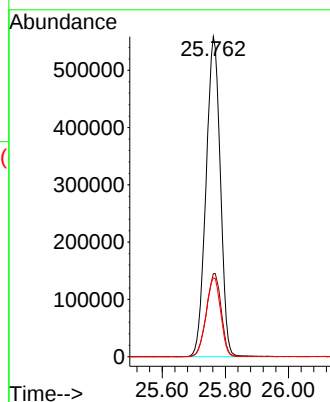
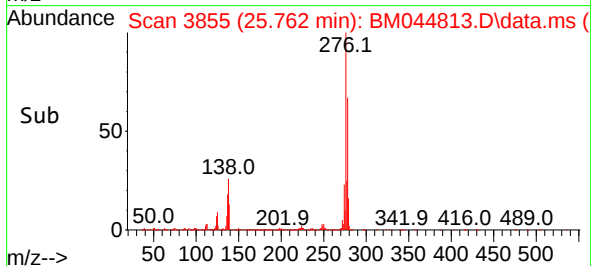
277 25.2 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#88

Benzo(b)fluoranthene

Concen: 49.521 ng

RT: 22.833 min Scan# 3357

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

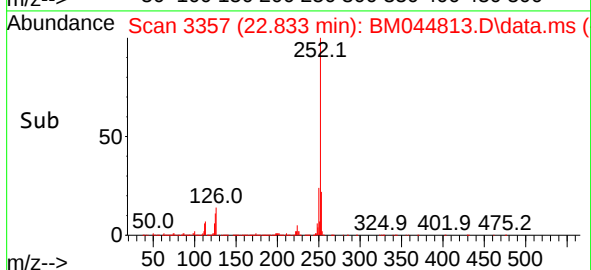
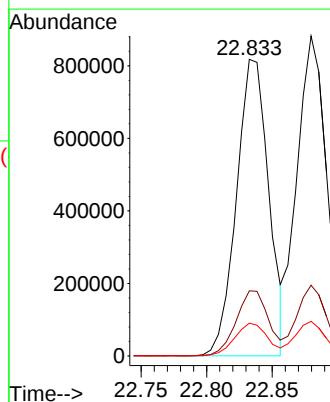
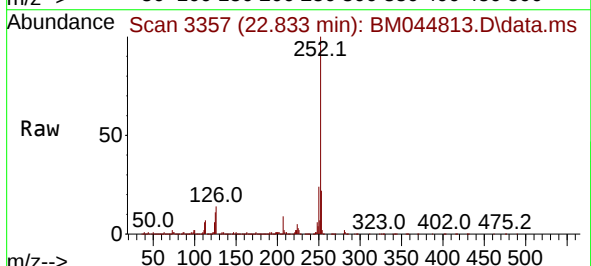
Tgt Ion:252 Resp: 1400664

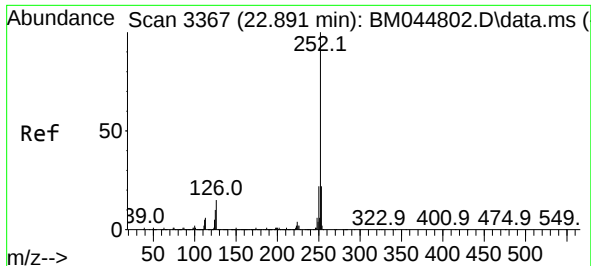
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

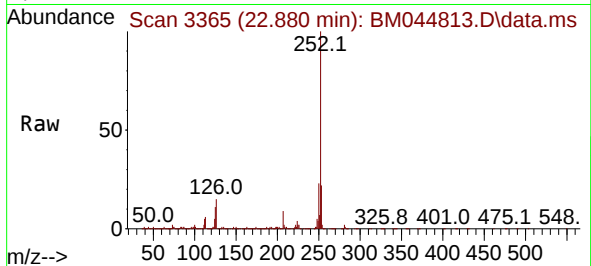
125 11.1 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 48.780 ng
RT: 22.880 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34

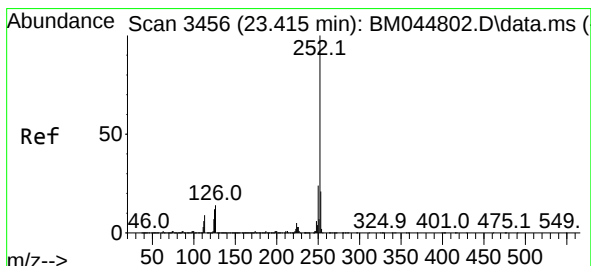
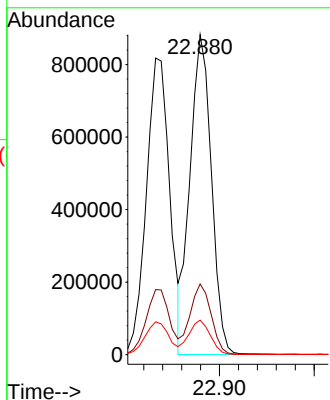
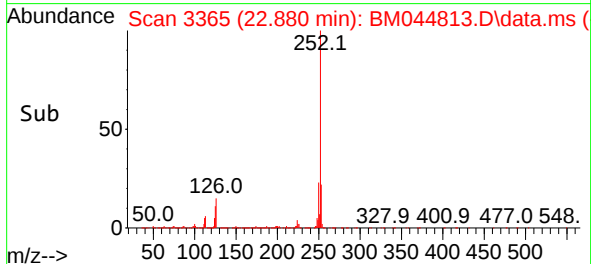
Instrument :
BNA_M
ClientSampleId :
SOIL-1MSD



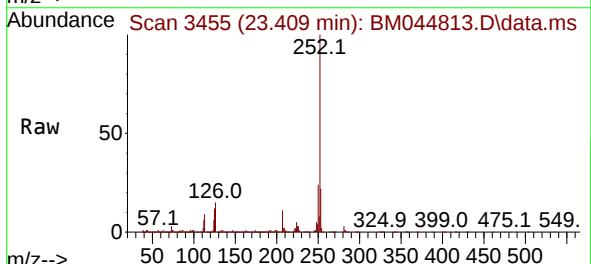
Tgt Ion:252 Resp: 138544
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.8 8.3 12.5

Manual Integrations
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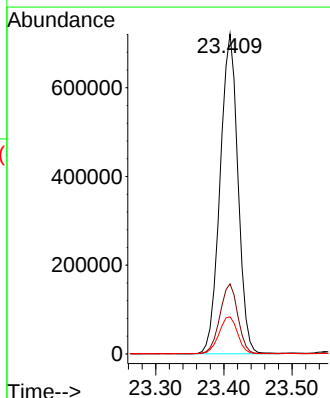
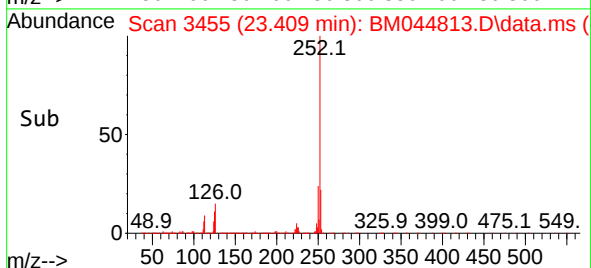
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

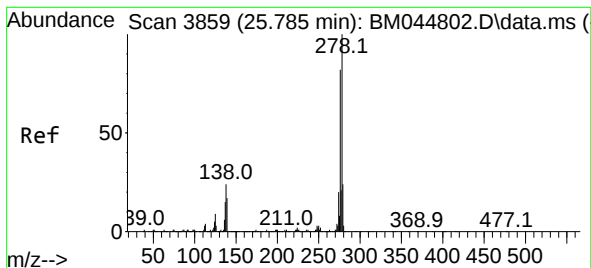


#90
Benzo(a)pyrene
Concen: 45.763 ng
RT: 23.409 min Scan# 3455
Delta R.T. -0.006 min
Lab File: BM044813.D
Acq: 29 Mar 2024 12:34



Tgt Ion:252 Resp: 1313577
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.6 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 46.070 ng

RT: 25.779 min Scan# 3859

Delta R.T. -0.006 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Instrument :

BNA_M

ClientSampleId :

SOIL-1MSD

Tgt Ion:278 Resp: 1446664

Ion Ratio Lower Upper

278 100

139 17.4 13.6 20.4

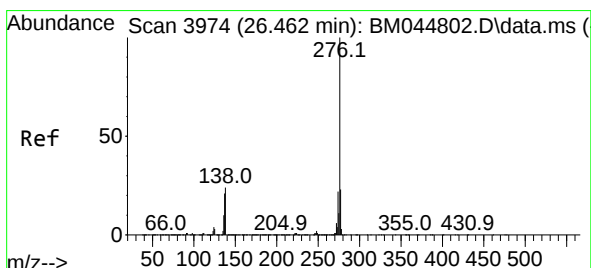
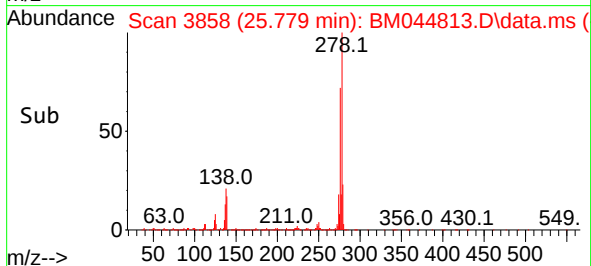
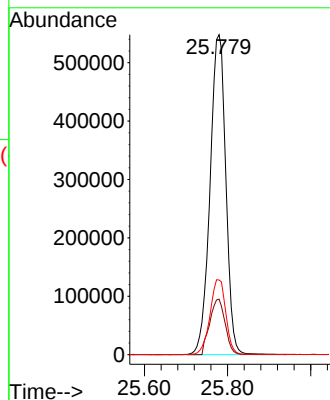
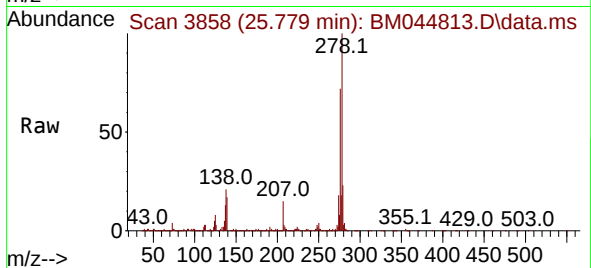
279 23.4 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#92

Benzo(g,h,i)perylene

Concen: 41.822 ng

RT: 26.450 min Scan# 3972

Delta R.T. -0.012 min

Lab File: BM044813.D

Acq: 29 Mar 2024 12:34

Tgt Ion:276 Resp: 1366385

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 23.1 19.2 28.8

