

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101623\
 Data File : BP017678.D
 Acq On : 16 Oct 2023 12:35
 Operator : MA/JU
 Sample : 02215-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-04

Quant Time: Oct 16 16:01:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 16:14:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	69253	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	272518	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	166382	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	384198	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	442335	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	512788	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12782	6.805	ng/uL	0.00
4) Pyridine-d5	3.699	84	146748	28.262	ng/u1	0.00
7) Phenol-d5	7.063	99	167398	25.963	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	111233	28.448	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	136898	27.431	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	133373	25.899	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	62076	27.119	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	67099	26.067	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	125399	25.920	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	176043	25.386	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	395313	27.433	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	440062	28.359	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	58709m	24.361	ng/u1	0.02
60) Fluorene-d10	15.616	176	367962	30.019	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	51532m	18.976	ng/u1	0.00
73) Anthracene-d10	17.504	188	582001	29.344	ng/u1	0.00
81) Pyrene-d10	19.763	212	733932	27.568	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	857138	29.775	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	2226m	1.117	ng/uL	
5) Pyridine	3.728	79	24922	4.674	ng/u1#	81
6) Benzaldehyde	7.075	77	19194	5.877	ng/u1	95
8) Phenol	7.093	94	27852	4.353	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.346	93	23640	4.604	ng/u1	93
12) 2-Chlorophenol	7.463	128	23620	4.737	ng/u1	93
13) 2-Methylphenol	8.363	108	16906	3.549	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	29552m	4.461	ng/u1	
16) Acetophenone	8.769	105	33868	4.227	ng/u1#	92
17) N-Nitroso-di-n-propyla...	8.734	70	16443	4.054	ng/u1	95
18) 4-Methylphenol	8.699	108	19953	3.853	ng/u1	94
19) Hexachloroethane	8.969	117	10617	4.766	ng/u1	97
22) Nitrobenzene	9.163	77	28090	4.778	ng/u1	94
23) Isophorone	9.675	82	41192m	3.886	ng/u1	
25) 2-Nitrophenol	9.869	139	11717	4.279	ng/u1#	92
26) 2,4-Dimethylphenol	9.916	107	23402m	4.301	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.169	93	28322	4.372	ng/u1	95
29) 2,4-Dichlorophenol	10.399	162	19768	4.235	ng/u1	95
30) Naphthalene	10.793	128	73894	4.664	ng/u1	100
32) 4-Chloroaniline	10.946	127	26988	4.070	ng/u1	100
33) Hexachlorobutadiene	11.016	225	17370	4.812	ng/u1	91
34) Caprolactam	11.775	113	8416m	5.894	ng/u1	
35) 4-Chloro-3-methylphenol	12.069	107	15877	3.224	ng/u1	88
36) 2-Methylnaphthalene	12.416	142	45172	4.163	ng/u1	95

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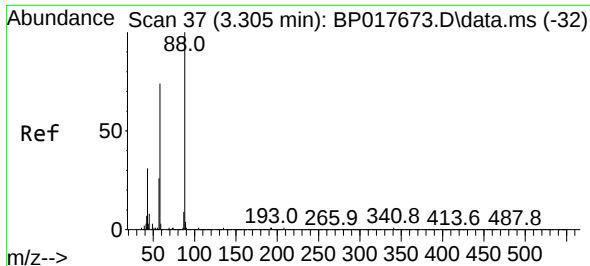
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Manual Integrations
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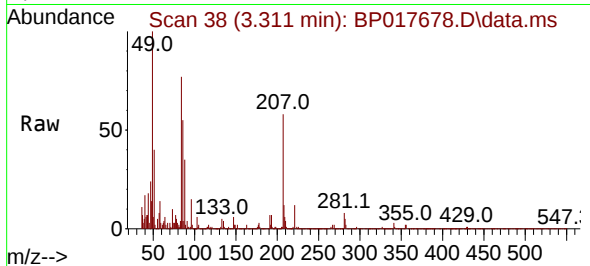
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	49612	4.505	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.769	216	28629	4.716	ng/ul	90
40) Hexachlorocyclopentadiene	12.704	237	9417	3.453	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.040	196	13407	3.587	ng/ul	97
42) 2,4,5-Trichlorophenol	13.122	196	15125m	3.833	ng/ul	
43) 1,1'-Biphenyl	13.434	154	64103	4.701	ng/ul	98
44) 2-Chloronaphthalene	13.487	162	51311	4.703	ng/ul	98
45) 2-Nitroaniline	13.740	65	10876m	3.606	ng/ul	
47) Dimethylphthalate	14.075	163	62726	4.408	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	9008	3.420	ng/ul#	83
50) Acenaphthylene	14.334	152	82818	4.718	ng/ul	99
51) 3-Nitroaniline	14.581	138	8745m	3.292	ng/ul	
52) Acenaphthene	14.675	153	56316	4.823	ng/ul	96
53) 2,4-Dinitrophenol	14.798	184	11172m	6.870	ng/ul	
55) 4-Nitrophenol	14.881	109	9834m	4.355	ng/ul	
56) Dibenzofuran	15.016	168	79439	4.743	ng/ul	100
57) 2,4-Dinitrotoluene	15.028	165	15209	3.741	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.245	232	13307	3.645	ng/ul	97
59) Diethylphthalate	15.440	149	59246	4.151	ng/ul	99
61) Fluorene	15.675	166	64206	4.649	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	33603	4.576	ng/ul	94
63) 4-Nitroaniline	15.757	138	10424	3.949	ng/ul#	14
66) 4,6-Dinitro-2-methylph...	15.781	198	10015	3.521	ng/ul#	91
67) N-Nitrosodiphenylamine	15.898	169	51982	4.528	ng/ul	96
68) 4-Bromophenyl-phenylether	16.575	248	20519	4.429	ng/ul	94
69) Hexachlorobenzene	16.657	284	25066	4.546	ng/ul	99
70) Atrazine	16.857	200	16787	3.778	ng/ul	95
71) Pentachlorophenol	17.039	266	12665	3.793	ng/ul	99
72) Phenanthrene	17.445	178	107425	4.753	ng/ul	98
74) Anthracene	17.539	178	105741	4.625	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.387	216	28145	4.643	ng/ul	98
76) Pentachlorobenzene	14.904	250	30927	4.971	ng/ul	95
77) Carbazole	17.839	167	81240	3.924	ng/ul	99
78) Di-n-butylphthalate	18.345	149	84560	3.316	ng/ul	98
80) Fluoranthene	19.433	202	121789	4.003	ng/ul	99
82) Pyrene	19.792	202	141598	4.455	ng/ul	99
83) Butylbenzylphthalate	20.663	149	32972	2.666	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.480	252	51076	4.508	ng/ul	99
85) Benzo(a)anthracene	21.527	228	147027	4.335	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	46211	2.471	ng/ul	96
87) Chrysene	21.586	228	141711	4.528	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	84330	2.519	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	148331	4.248	ng/ul	97
91) Benzo(k)fluoranthene	23.374	252	152931	4.402	ng/ul#	95
93) Benzo(a)pyrene	24.004	252	143234	4.405	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.862	276	177996	4.464	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	151270	4.526	ng/ul	97
96) Benzo(g,h,i)perylene	27.715	276	149920	4.728	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.117 ng/uL m
RT: 3.311 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP017678.D
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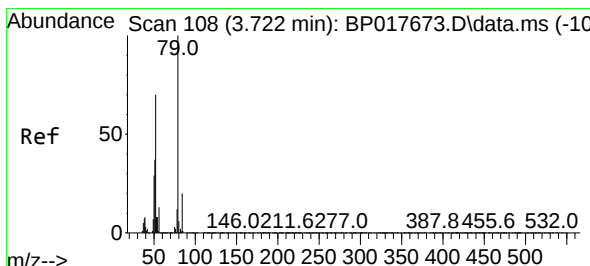
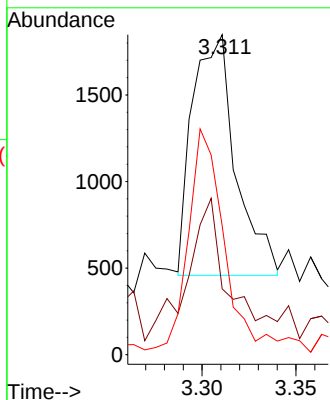
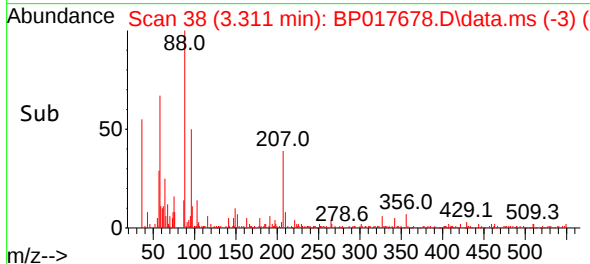
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion: 88 Resp: 2220
Ion Ratio Lower Upper
88 100
43 20.6 27.3 40.9
58 40.3 53.3 79.9

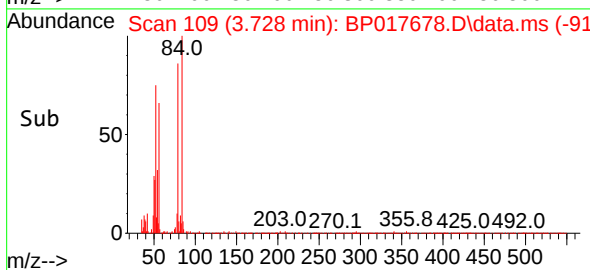
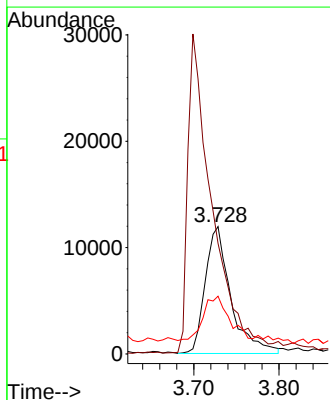
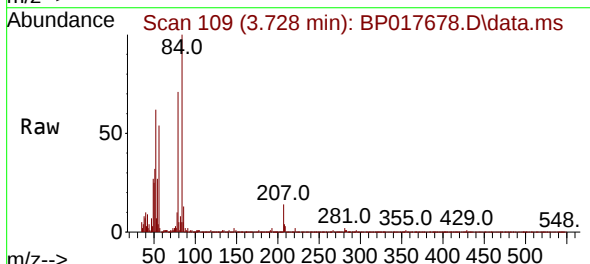
Manual Integrations
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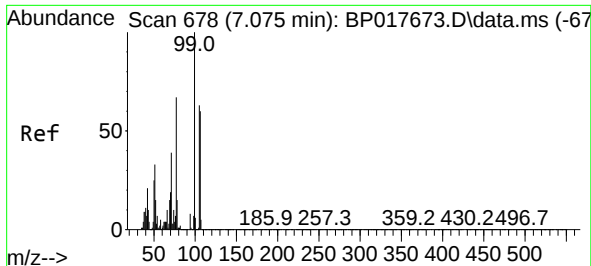
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 4.674 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion: 79 Resp: 24922
Ion Ratio Lower Upper
79 100
52 86.8 55.8 83.6#
51 45.4 28.7 43.1#





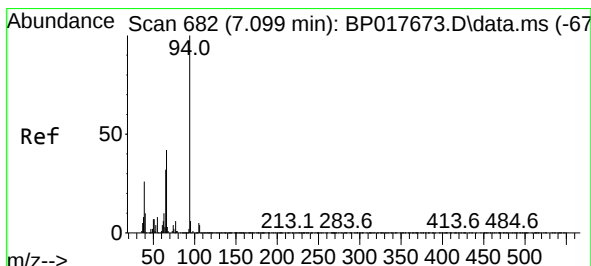
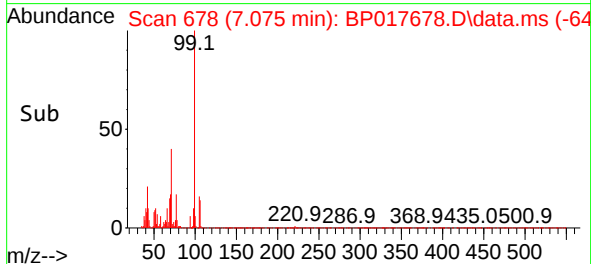
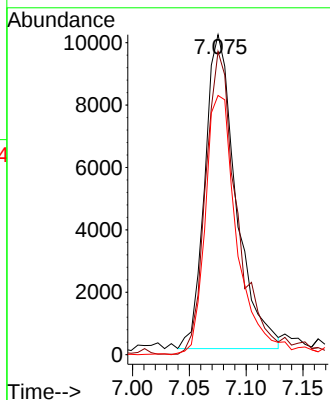
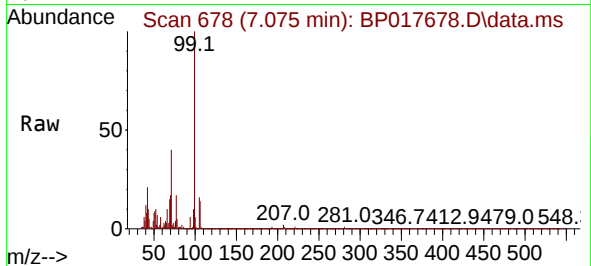
#6
Benzaldehyde
Concen: 5.877 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion: 77 Resp: 19194
Ion Ratio Lower Upper
77 100
105 94.8 74.9 112.3
106 81.0 72.2 108.2

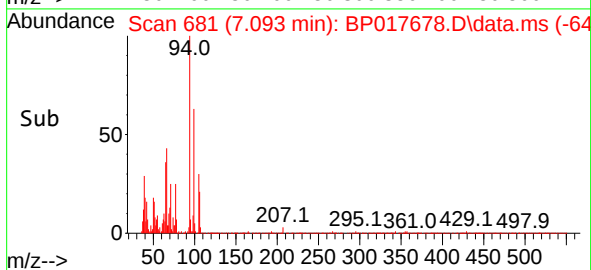
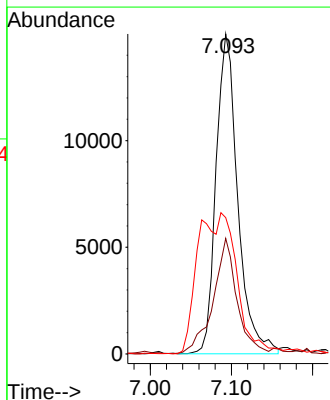
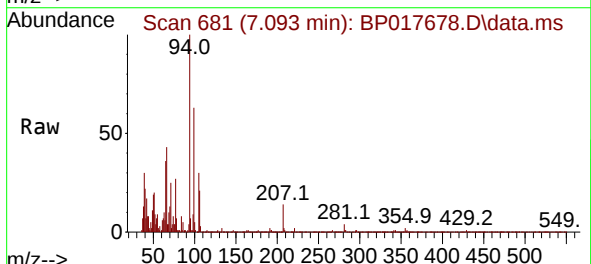
Manual Integrations
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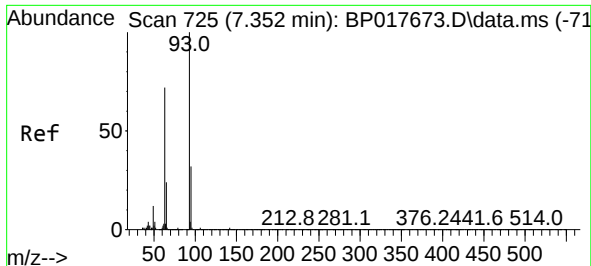
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 4.353 ng/ul
RT: 7.093 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

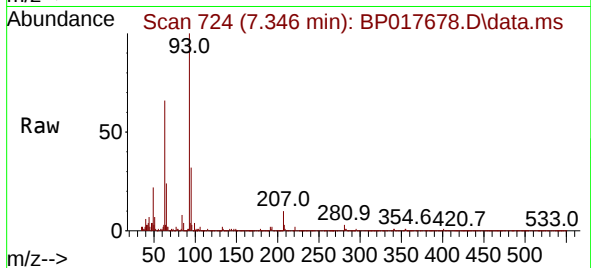
Tgt Ion: 94 Resp: 27852
Ion Ratio Lower Upper
94 100
65 36.1 24.2 36.4
66 42.6 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.604 ng/ul
RT: 7.346 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

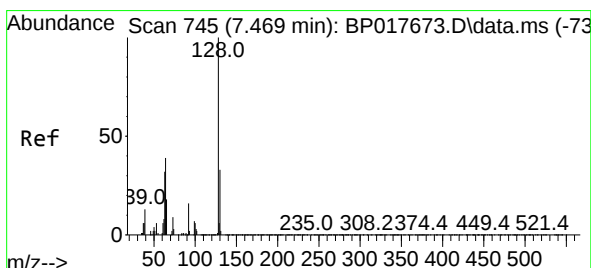
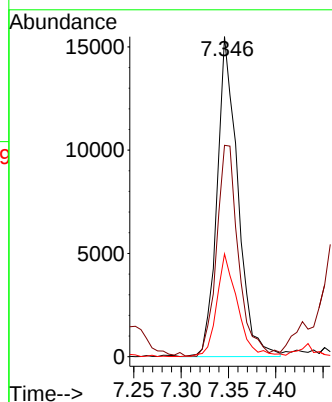
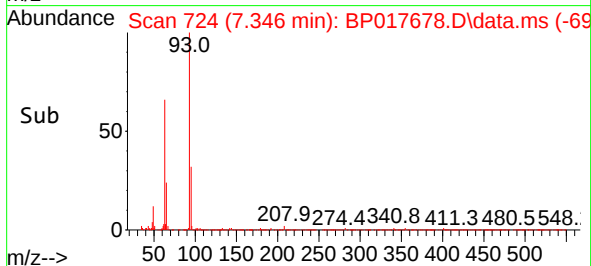
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion: 93 Resp: 23640
Ion Ratio Lower Upper
93 100
63 66.0 59.4 89.2
95 32.1 25.3 37.9

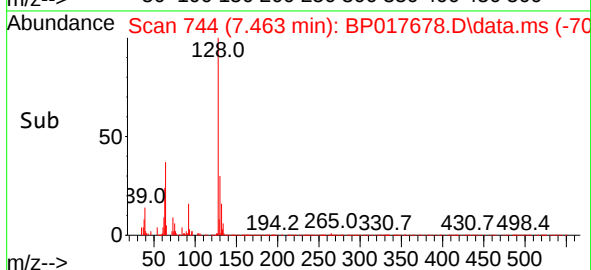
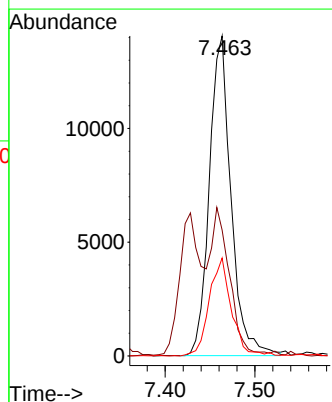
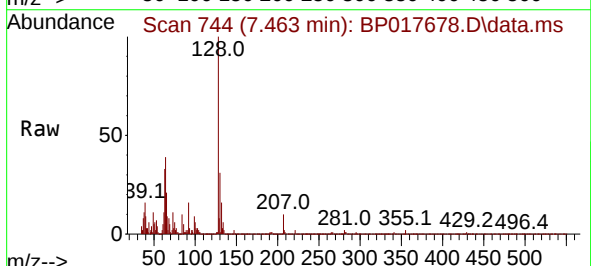
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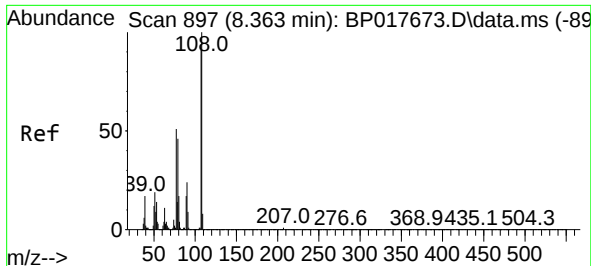
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 4.737 ng/ul
RT: 7.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:128 Resp: 23620
Ion Ratio Lower Upper
128 100
64 39.3 36.9 55.3
130 30.6 25.8 38.8





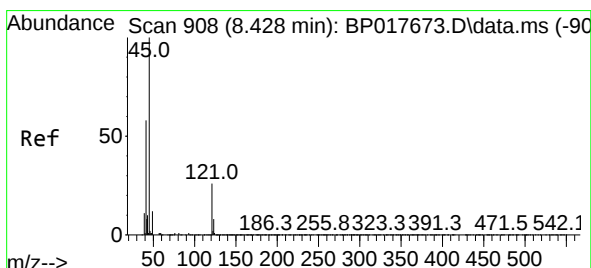
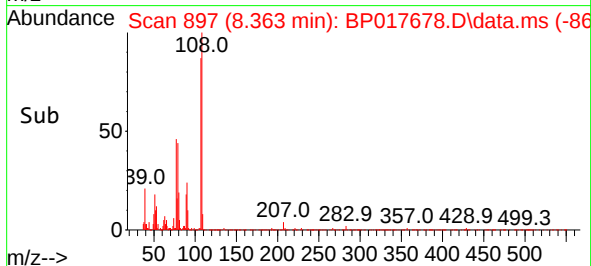
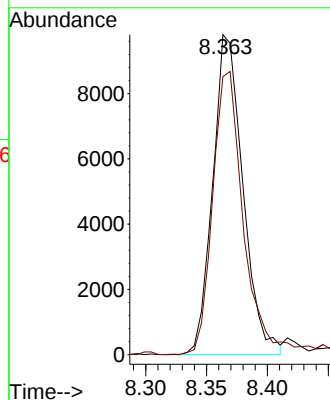
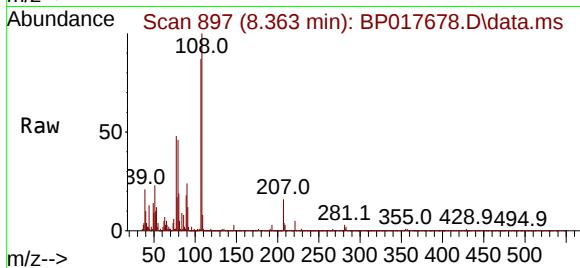
#13
2-Methylphenol
Concen: 3.549 ng/ul
RT: 8.363 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP017678.D
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Tgt Ion:108 Resp: 16900
Ion Ratio Lower Upper
108 100
107 86.9 70.2 105.2

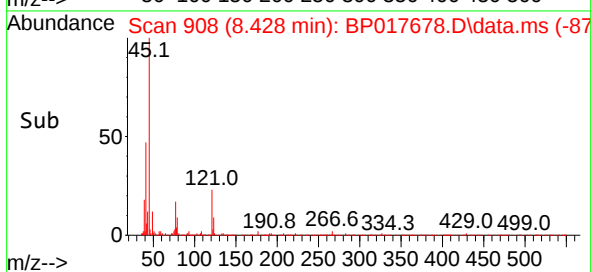
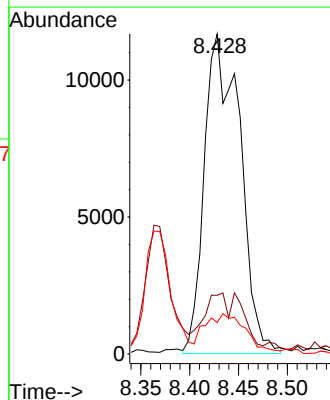
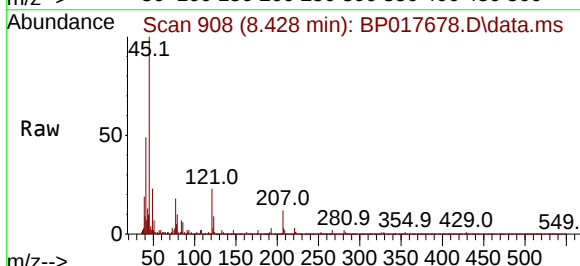
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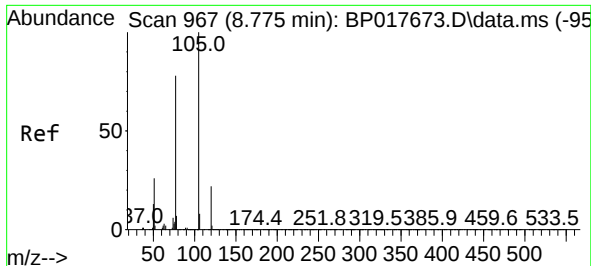
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.461 ng/ul m
RT: 8.428 min Scan# 908
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

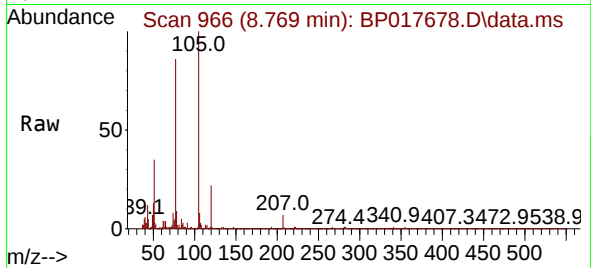
Tgt Ion: 45 Resp: 29552
Ion Ratio Lower Upper
45 100
77 18.3 13.0 19.6
79 9.8 9.5 14.3





#16
Acetophenone
Concen: 4.227 ng/ul
RT: 8.769 min Scan# 90
Delta R.T. 0.006 min
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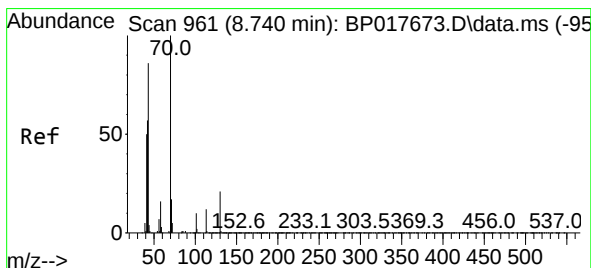
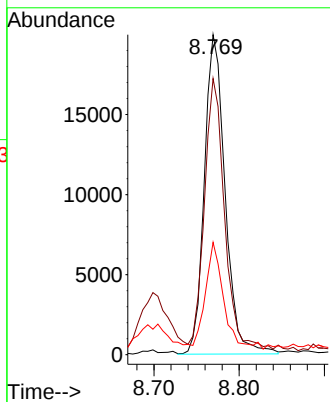
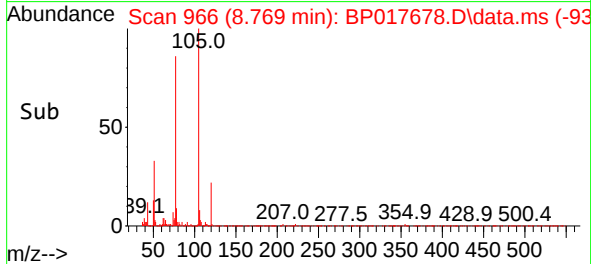
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Tgt Ion:105 Resp: 3386
Ion Ratio Lower Upper
105 100
77 86.3 64.3 96.5
51 35.1 22.6 33.8

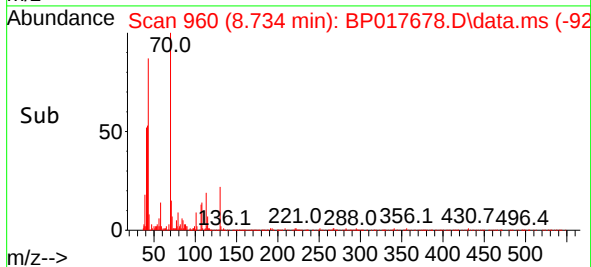
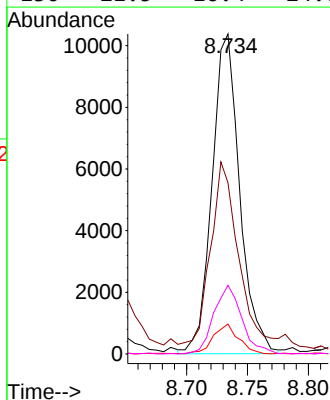
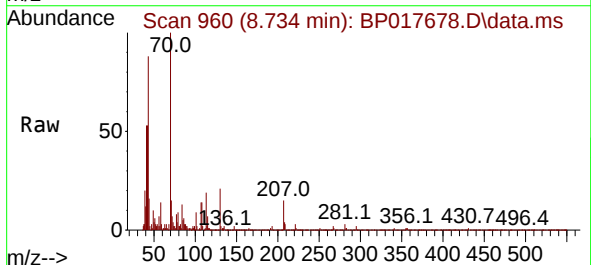
Manual Integrations
APPROVED

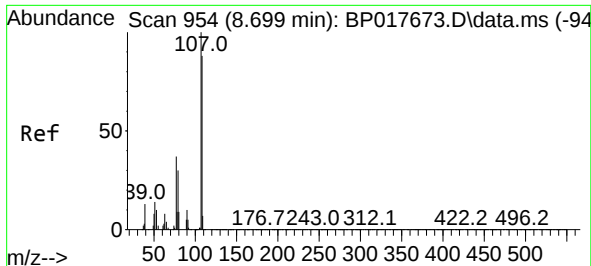
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.054 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion: 70 Resp: 16443
Ion Ratio Lower Upper
70 100
42 53.5 46.6 70.0
101 9.4 7.8 11.6
130 21.5 16.4 24.6





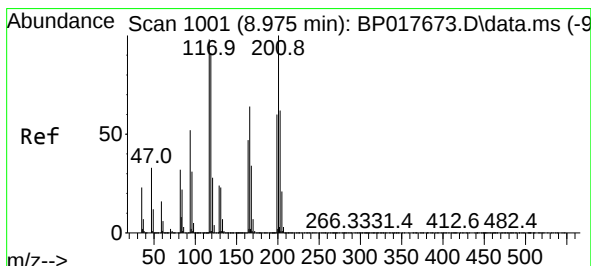
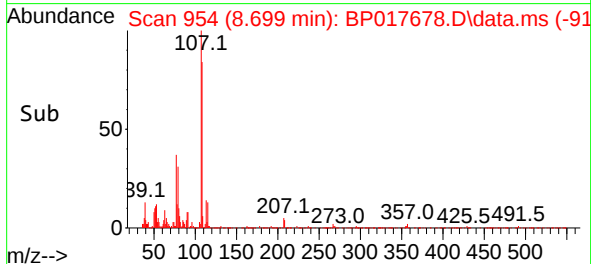
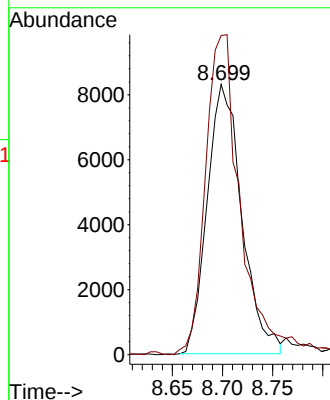
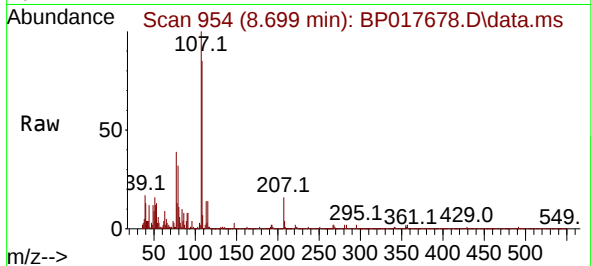
#18
4-Methylphenol
Concen: 3.853 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:108 Resp: 1995
Ion Ratio Lower Upper
108 100
107 118.1 89.4 134.2

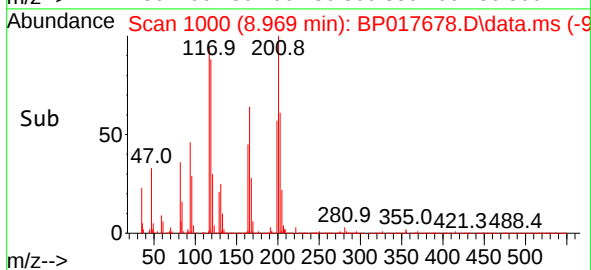
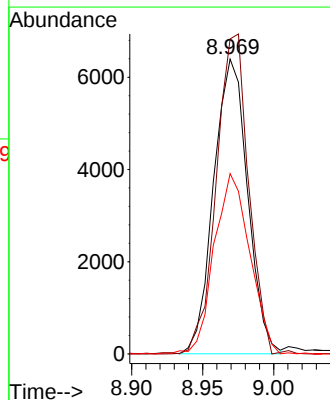
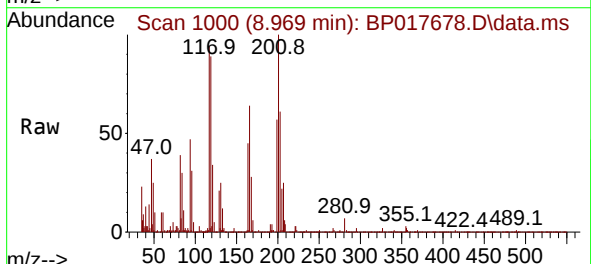
Manual Integrations
APPROVED

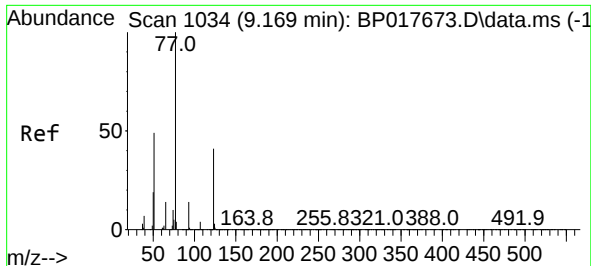
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 4.766 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:117 Resp: 10617
Ion Ratio Lower Upper
117 100
201 106.8 85.4 128.2
199 61.2 53.7 80.5





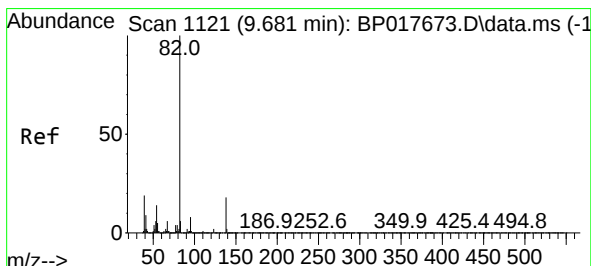
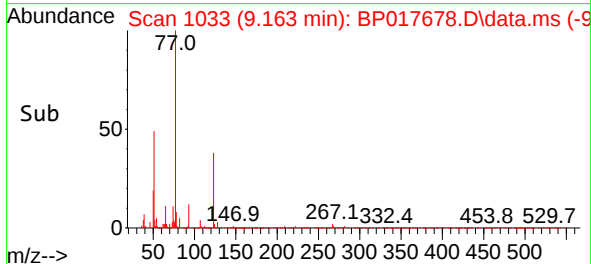
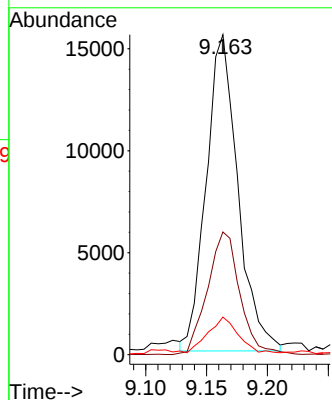
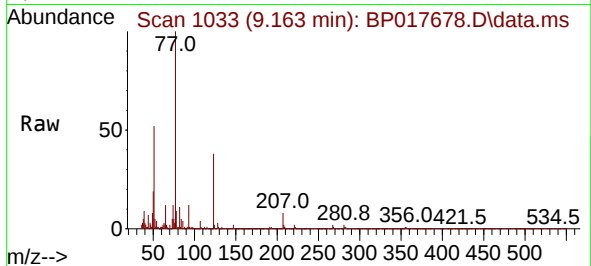
#22
Nitrobenzene
Concen: 4.778 ng/ul
RT: 9.163 min Scan# 1034
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion: 77 Resp: 28090
Ion Ratio Lower Upper
77 100
123 38.3 33.8 50.6
65 11.7 10.6 16.0

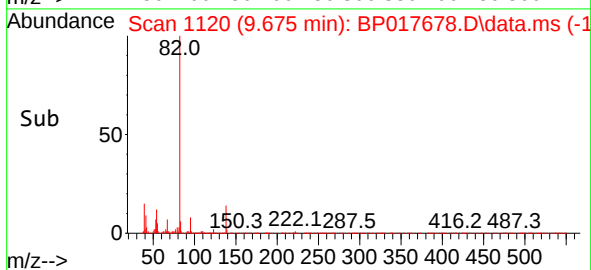
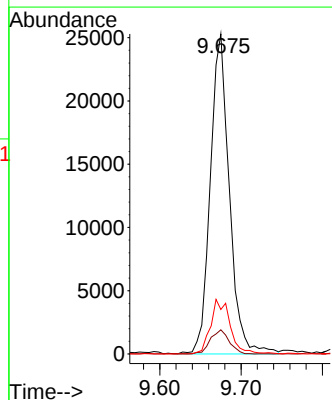
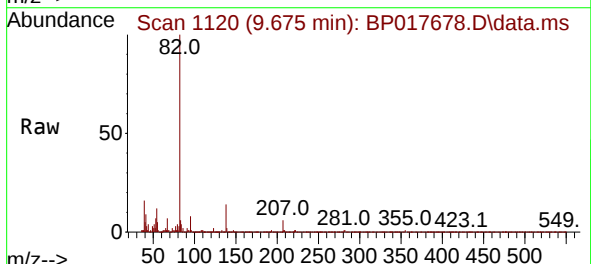
Manual Integrations
APPROVED

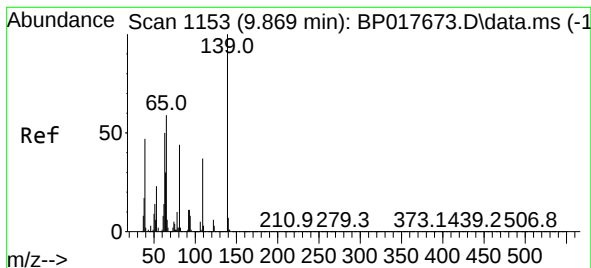
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#23
Isophorone
Concen: 3.886 ng/ul m
RT: 9.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion: 82 Resp: 41192
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 13.9 13.9 20.9#





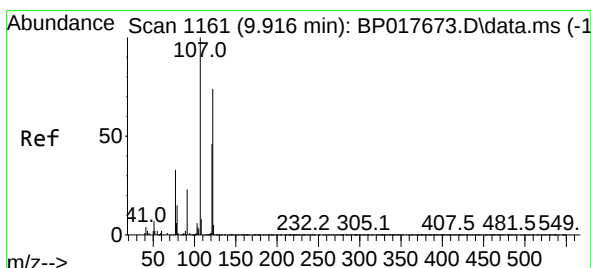
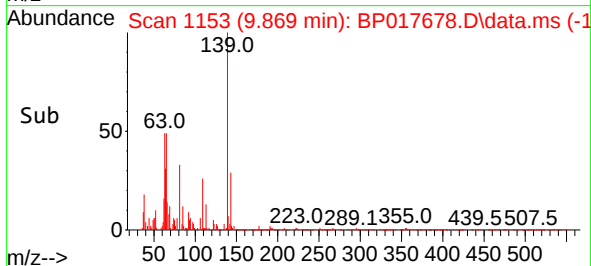
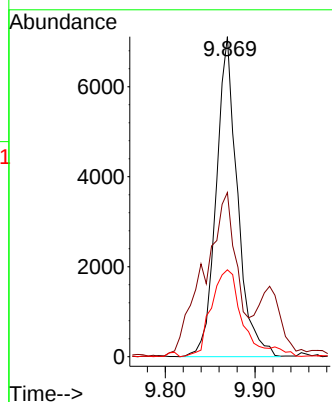
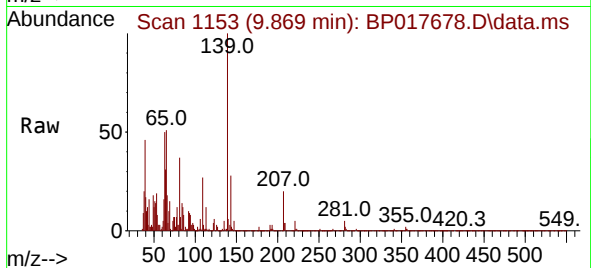
#25
2-Nitrophenol
Concen: 4.279 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:139 Resp: 1171
Ion Ratio Lower Upper
139 100
65 51.3 43.4 65.2
109 27.1 28.1 42.1

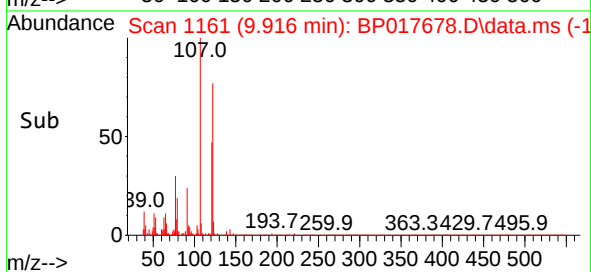
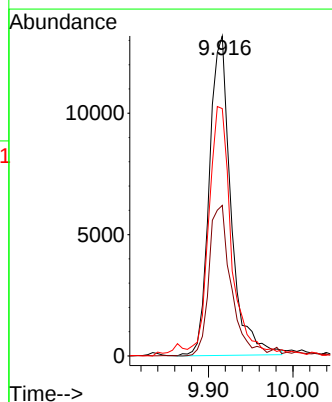
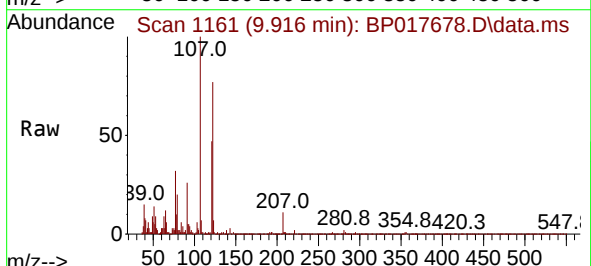
Manual Integrations
APPROVED

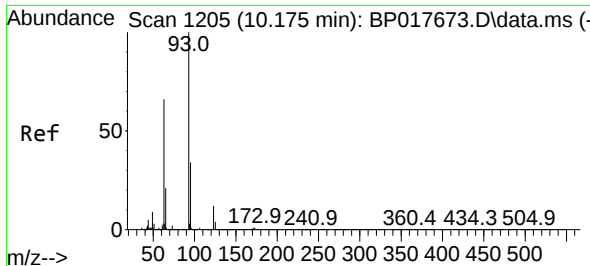
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2,4-Dimethylphenol
Concen: 4.301 ng/ul m
RT: 9.916 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

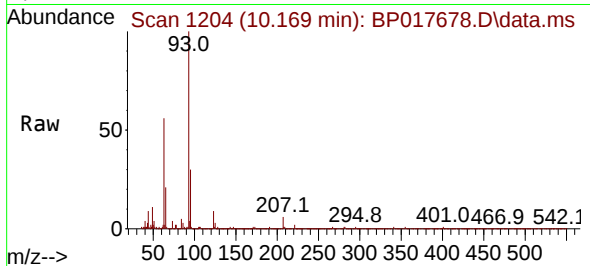
Tgt Ion:107 Resp: 23402
Ion Ratio Lower Upper
107 100
121 47.0 37.6 56.4
122 77.3 67.0 100.6





#27
Bis(2-Chloroethoxy)methane
Concen: 4.372 ng/ul
RT: 10.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

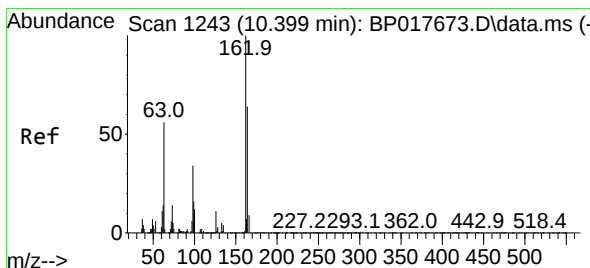
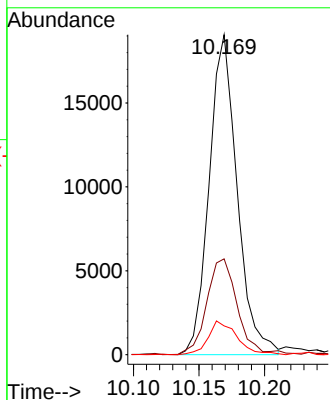
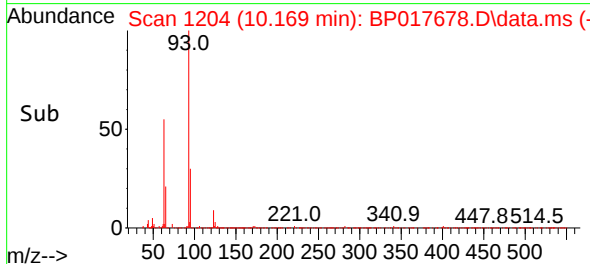
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion: 93 Resp: 2832
Ion Ratio Lower Upper
93 100
95 29.9 25.9 38.9
123 9.0 8.8 13.2

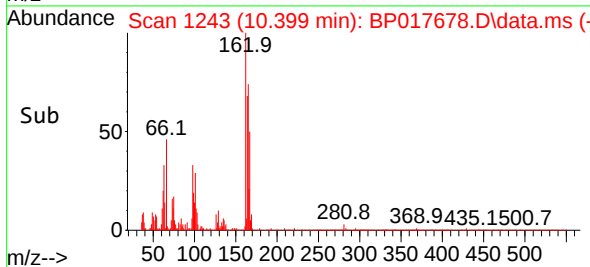
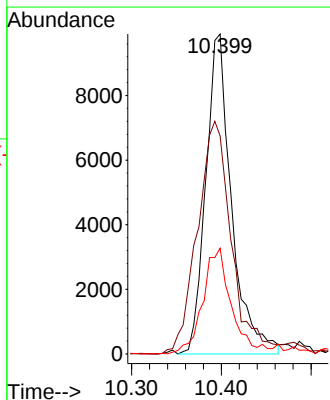
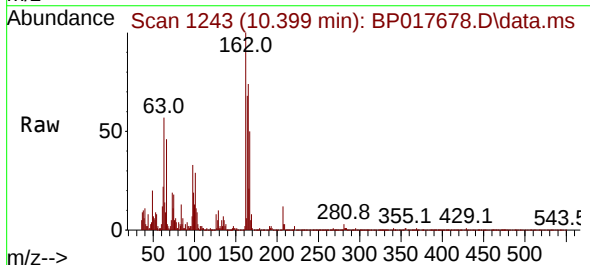
Manual Integrations
APPROVED

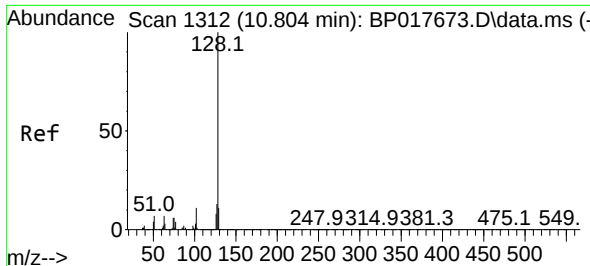
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#29
2,4-Dichlorophenol
Concen: 4.235 ng/ul
RT: 10.399 min Scan# 1243
Delta R.T. 0.012 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:162 Resp: 19768
Ion Ratio Lower Upper
162 100
164 68.1 50.5 75.7
98 33.1 27.8 41.8





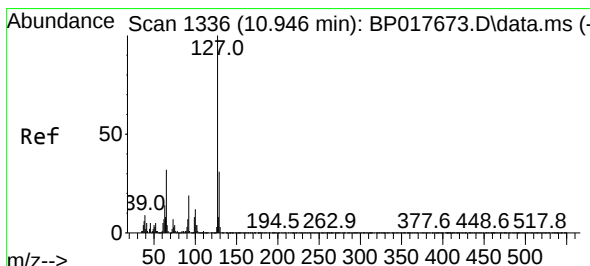
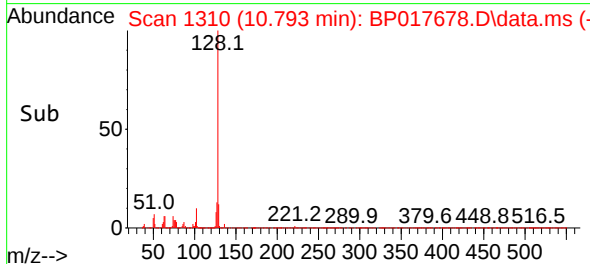
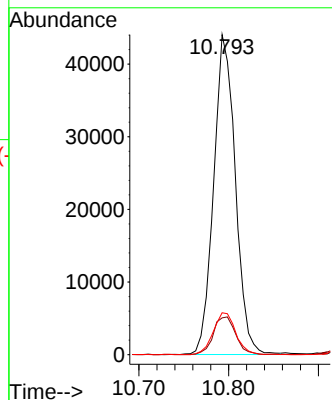
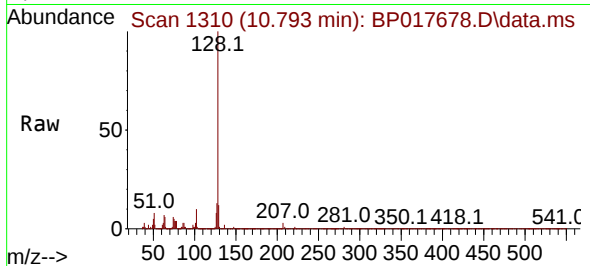
#30
Naphthalene
Concen: 4.664 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:128 Resp: 73894
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.1 10.5 15.7

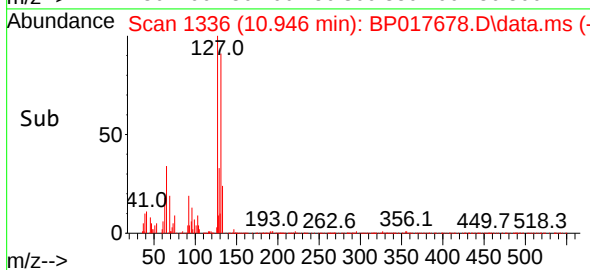
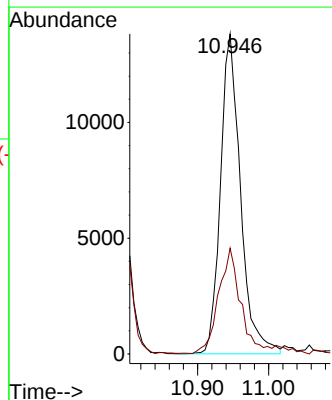
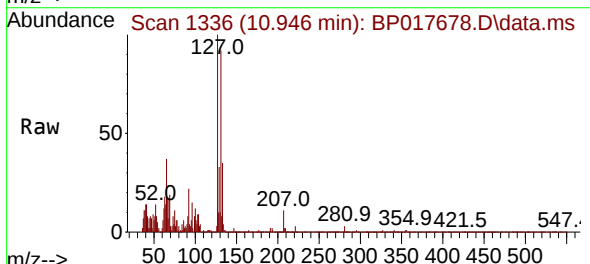
Manual Integrations
APPROVED

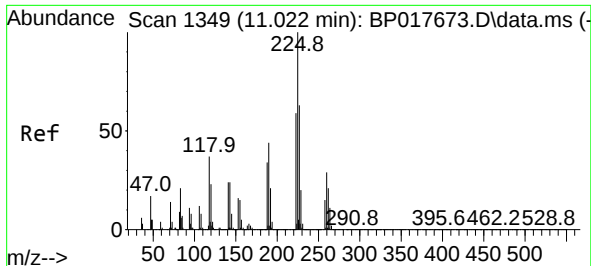
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 4.070 ng/ul
RT: 10.946 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

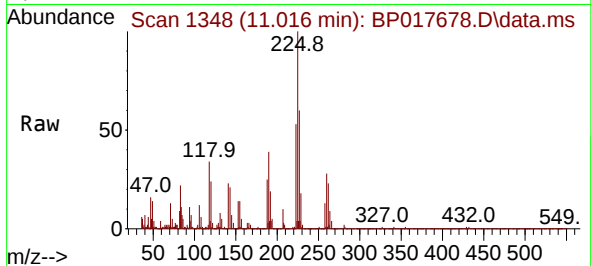
Tgt Ion:127 Resp: 26988
Ion Ratio Lower Upper
127 100
129 33.0 26.6 40.0





#33
Hexachlorobutadiene
Concen: 4.812 ng/ul
RT: 11.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

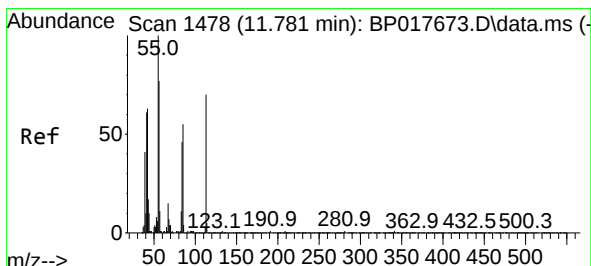
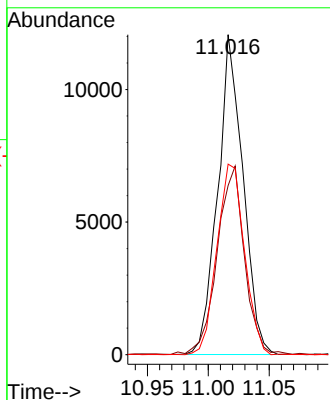
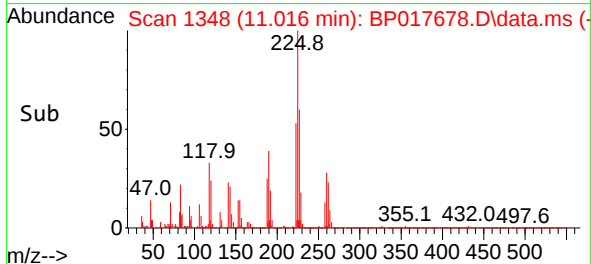
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:225 Resp: 17370
Ion Ratio Lower Upper
225 100
223 52.9 50.2 75.2
227 59.6 51.0 76.4

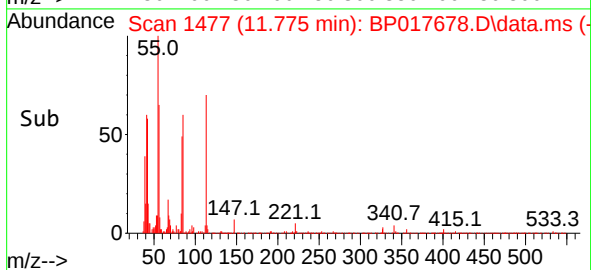
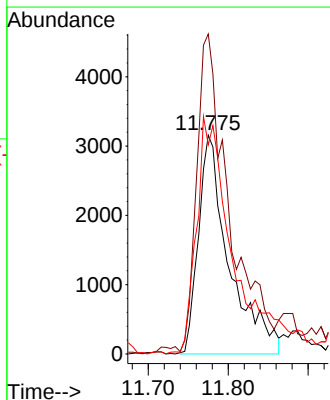
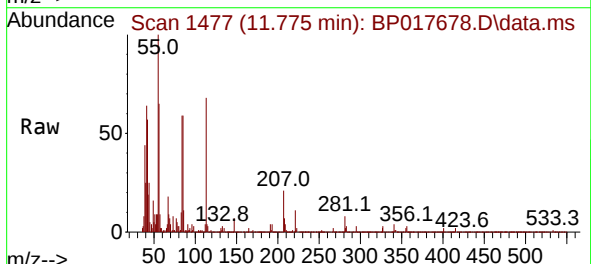
Manual Integrations
APPROVED

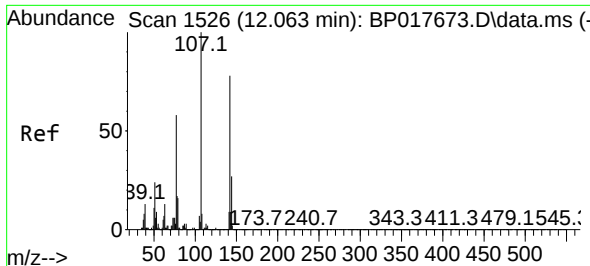
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Caprolactam
Concen: 5.894 ng/ul m
RT: 11.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:113 Resp: 8416
Ion Ratio Lower Upper
113 100
55 146.3 126.9 190.3
56 95.6 97.9 146.9#





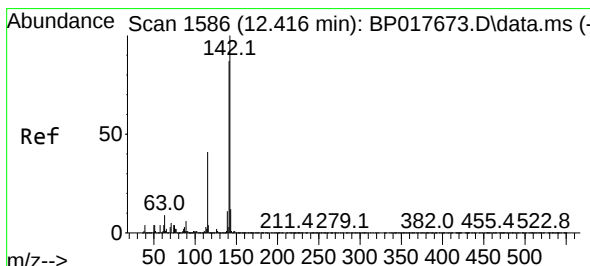
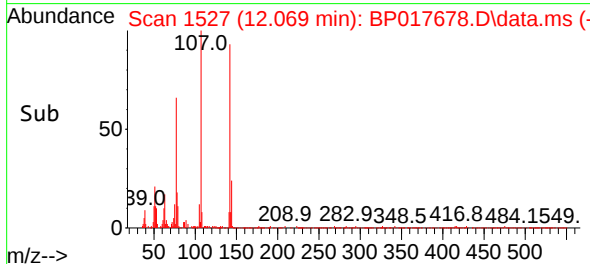
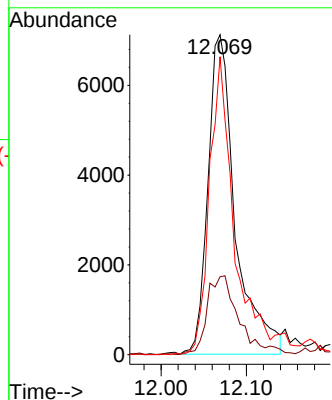
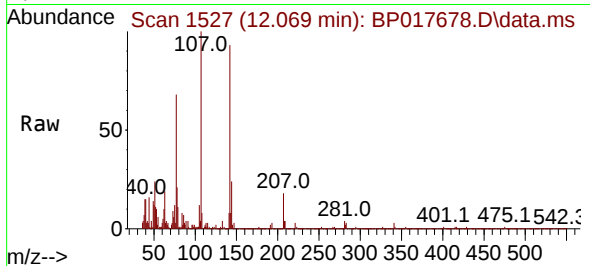
#35
4-Chloro-3-methylphenol
Concen: 3.224 ng/ul
RT: 12.069 min Scan# 1526
Delta R.T. 0.018 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2023-04

Tgt Ion:107 Resp: 1587
Ion Ratio Lower Upper
107 100
144 24.4 20.1 30.1
142 93.1 63.3 94.9

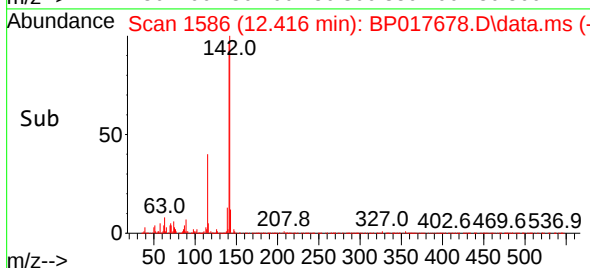
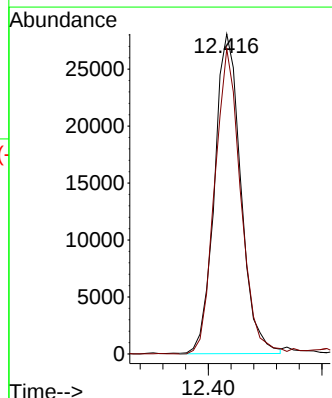
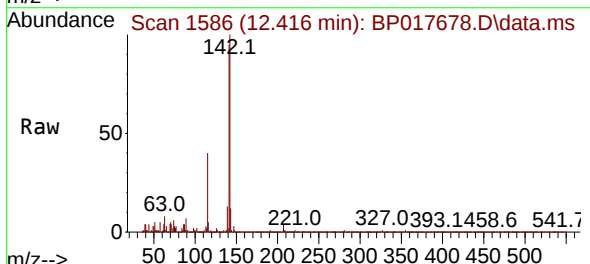
Manual Integrations
APPROVED

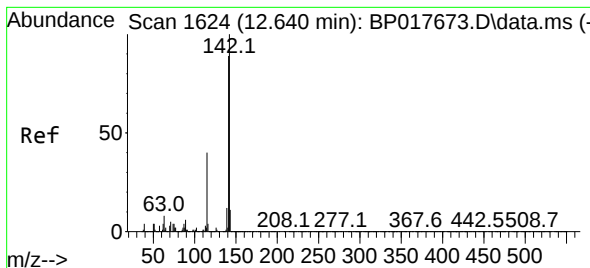
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 4.163 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

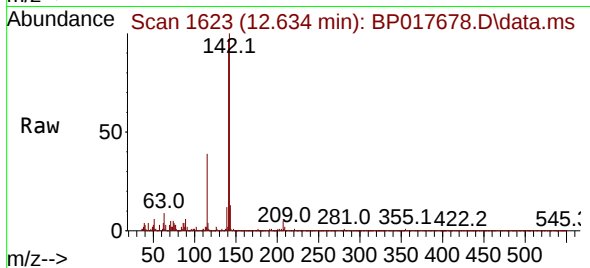
Tgt Ion:142 Resp: 45172
Ion Ratio Lower Upper
142 100
141 95.3 72.8 109.2





#37
1-Methylnaphthalene
Concen: 4.505 ng/ul
RT: 12.634 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

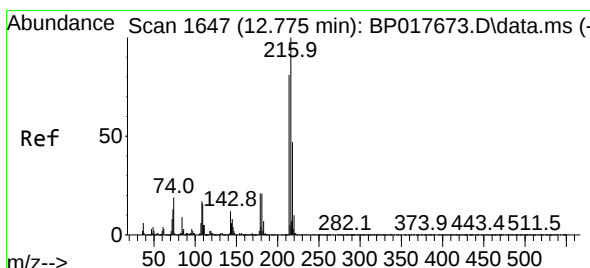
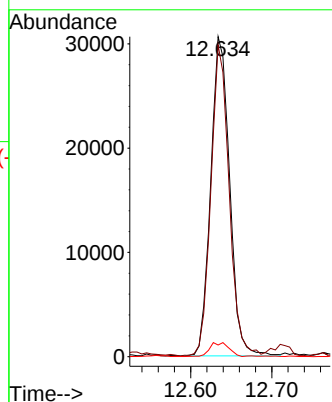
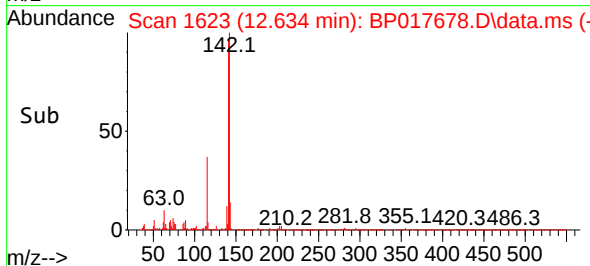
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



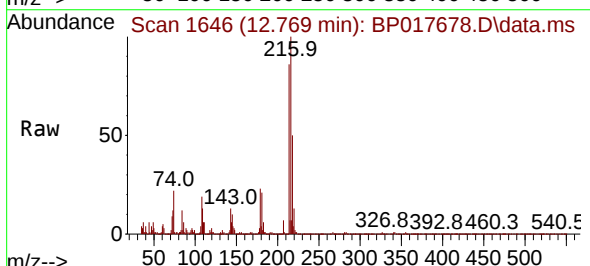
Tgt Ion:142 Resp: 4961
Ion Ratio Lower Upper
142 100
141 97.4 74.3 111.5
116 3.7 3.3 4.9

Manual Integrations
APPROVED

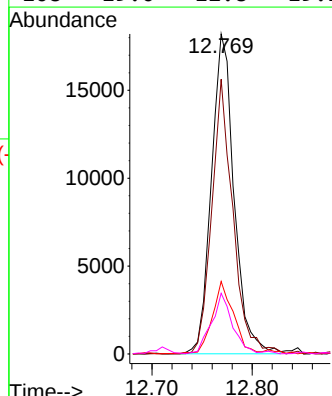
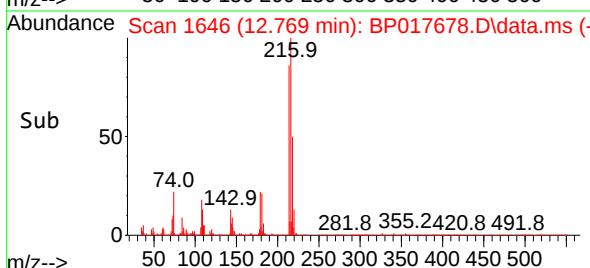
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

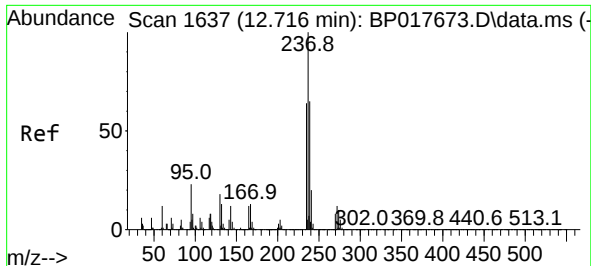


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.716 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35



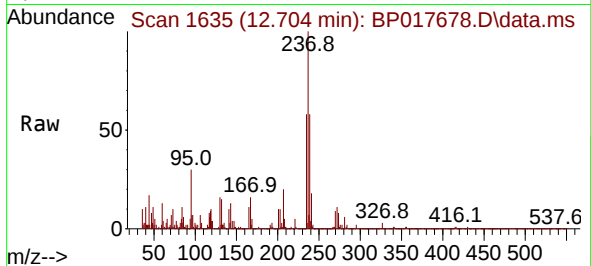
Tgt Ion:216 Resp: 28629
Ion Ratio Lower Upper
216 100
214 85.8 59.8 89.8
179 22.6 16.6 25.0
108 19.0 12.8 19.2





#40
Hexachlorocyclopentadiene
Concen: 3.453 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

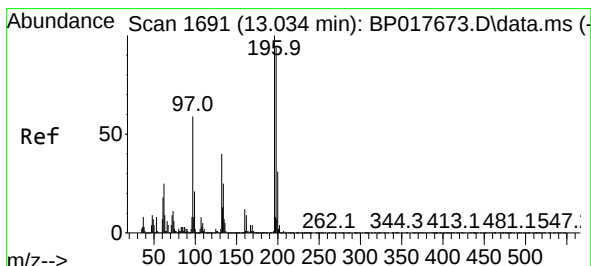
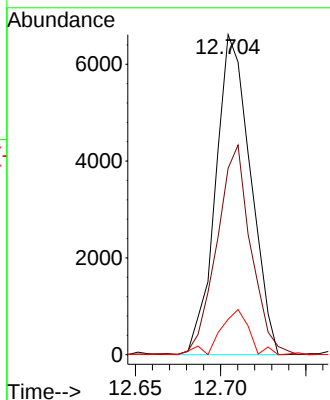
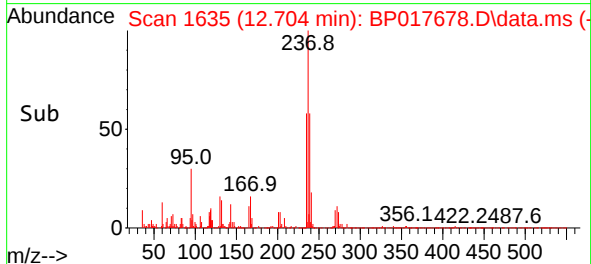
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



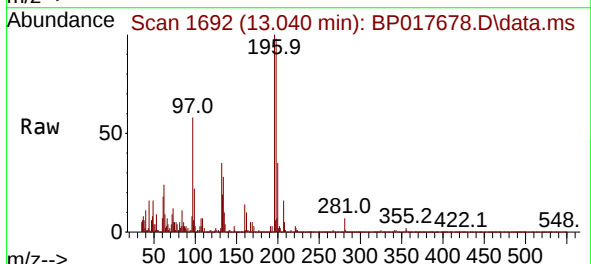
Tgt Ion:237 Resp: 941
Ion Ratio Lower Upper
237 100
235 61.5 50.4 75.6
272 11.0 11.3 16.9

Manual Integrations
APPROVED

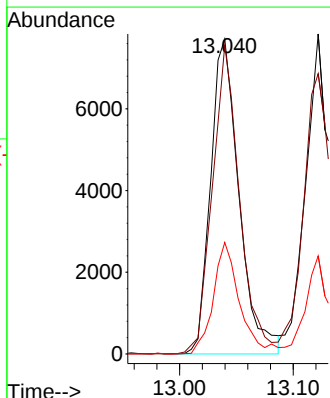
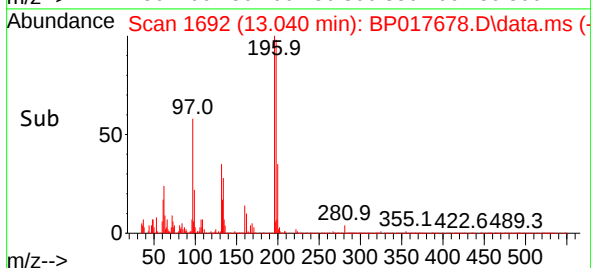
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

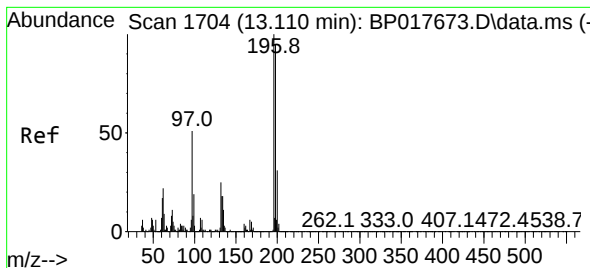


#41
2,4,6-Trichlorophenol
Concen: 3.587 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. 0.012 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35



Tgt Ion:196 Resp: 13407
Ion Ratio Lower Upper
196 100
198 98.1 77.3 115.9
200 35.4 25.4 38.2





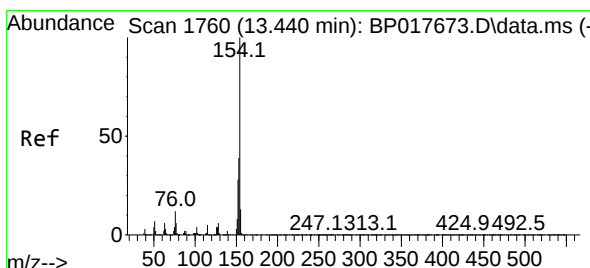
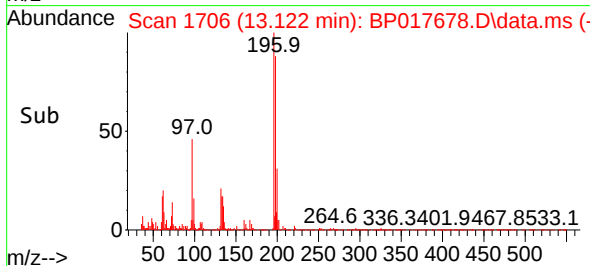
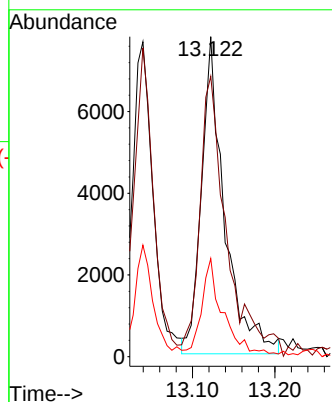
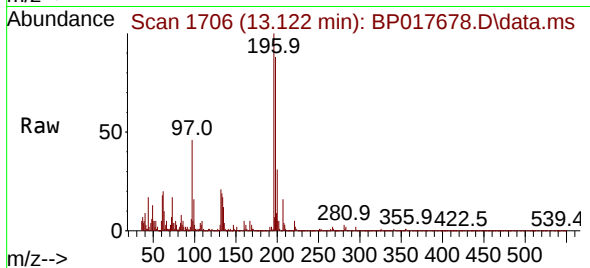
#42
2,4,5-Trichlorophenol
Concen: 3.833 ng/ul m
RT: 13.122 min Scan# 1759
Delta R.T. 0.024 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:196 Resp: 1512
Ion Ratio Lower Upper
196 100
198 87.6 73.0 109.4
200 30.6 23.9 35.9

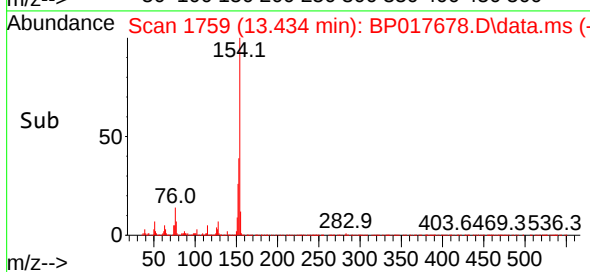
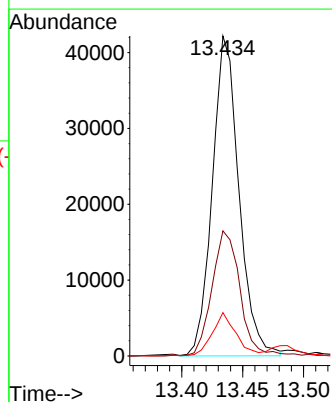
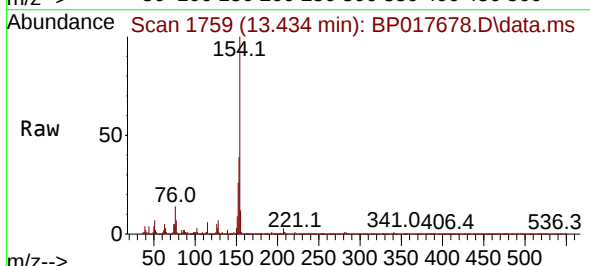
Manual Integrations
APPROVED

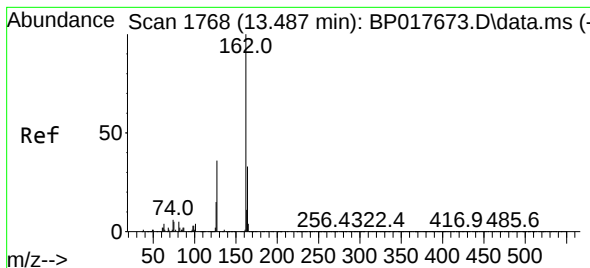
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#43
1,1'-Biphenyl
Concen: 4.701 ng/ul
RT: 13.434 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:154 Resp: 64103
Ion Ratio Lower Upper
154 100
153 39.1 32.5 48.7
76 13.5 10.4 15.6





#44

2-Chloronaphthalene

Concen: 4.703 ng/ul

RT: 13.487 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

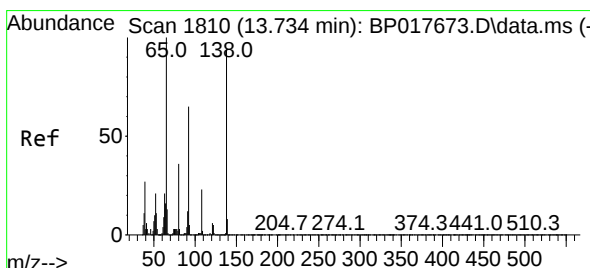
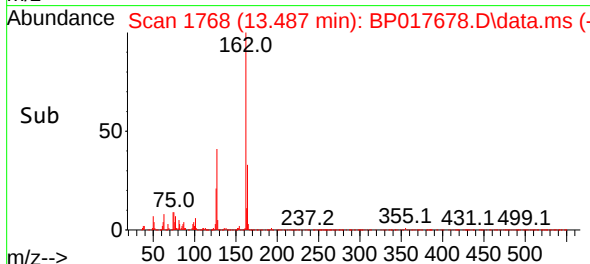
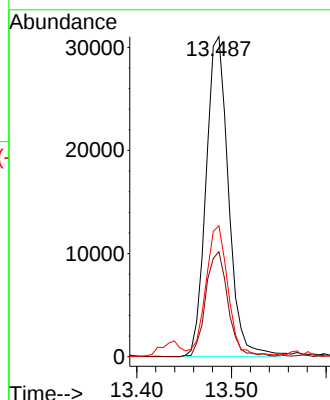
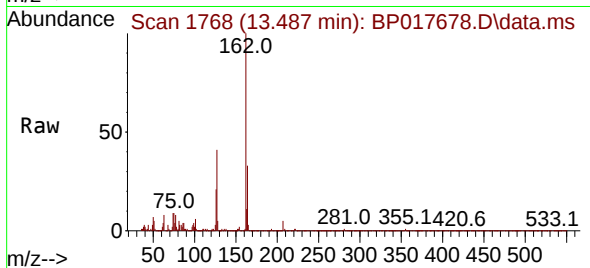
Tgt Ion:	162	Resp:	5131
Ion Ratio	Lower	Upper	
162	100		
164	32.8	26.5	39.7
127	40.9	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#45

2-Nitroaniline

Concen: 3.606 ng/ul m

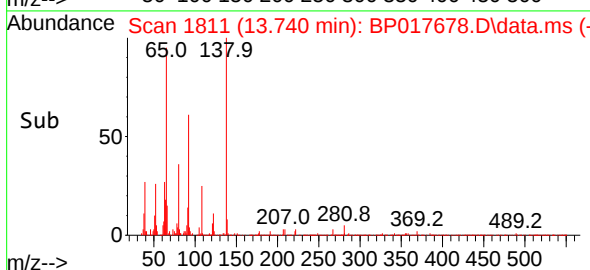
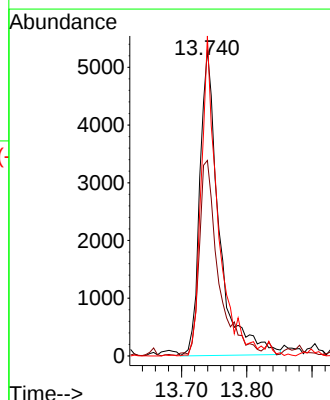
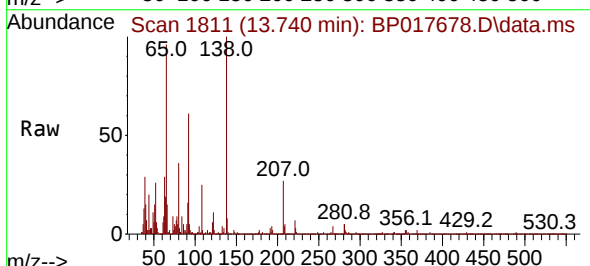
RT: 13.740 min Scan# 1811

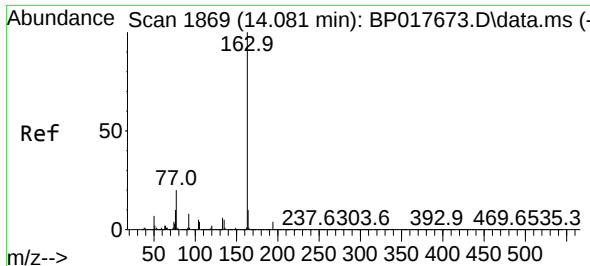
Delta R.T. 0.012 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

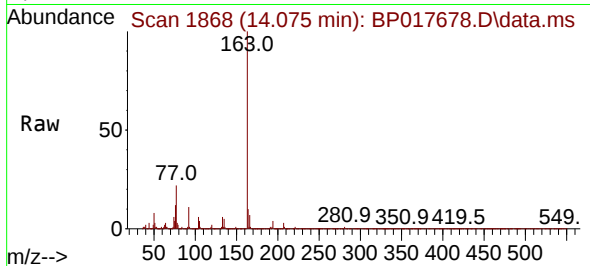
Tgt Ion:	65	Resp:	10876
Ion Ratio	Lower	Upper	
65	100		
92	63.8	55.3	82.9
138	104.5	82.8	124.2





#47
Dimethylphthalate
Concen: 4.408 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

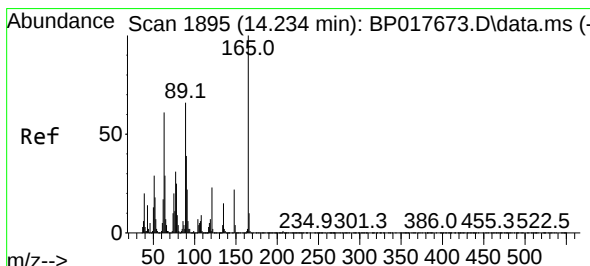
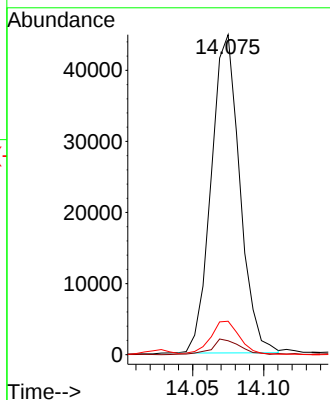
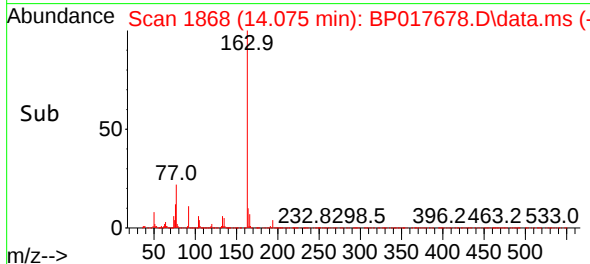
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



Tgt Ion:163 Resp: 62720
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.0 12.0

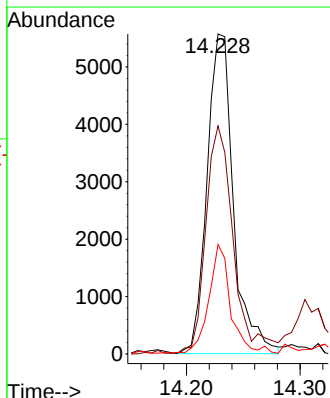
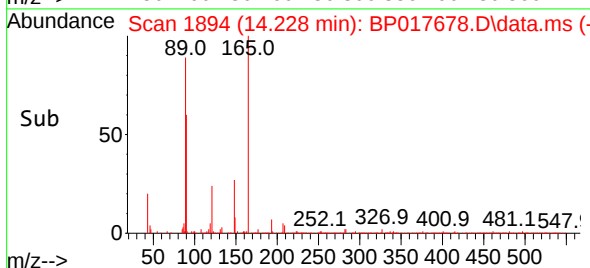
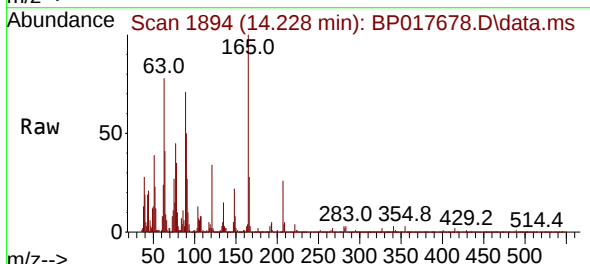
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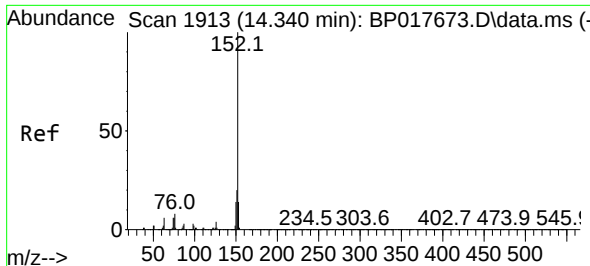
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#48
2,6-Dinitrotoluene
Concen: 3.420 ng/ul
RT: 14.228 min Scan# 1894
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:165 Resp: 9008
Ion Ratio Lower Upper
165 100
89 71.2 49.0 73.4
121 34.2 16.5 24.7#





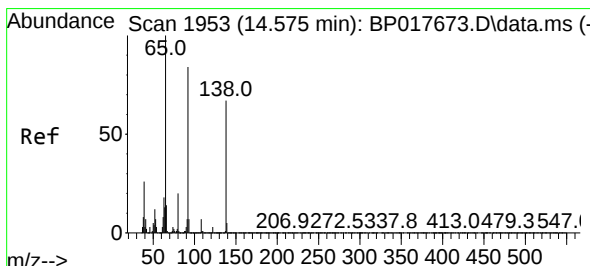
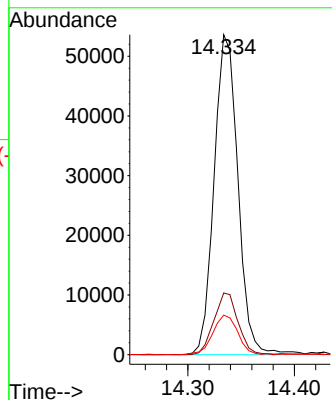
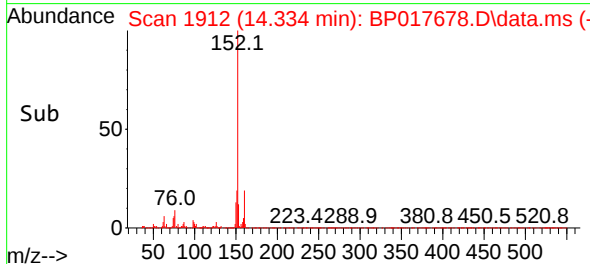
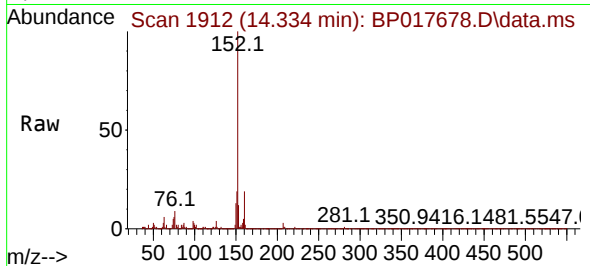
#50
Acenaphthylene
Concen: 4.718 ng/ul
RT: 14.334 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8
153	12.4	10.5	15.7

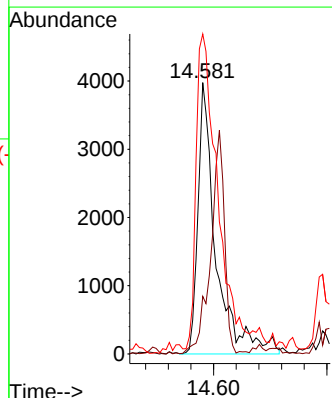
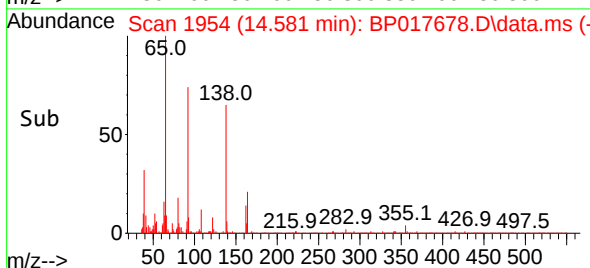
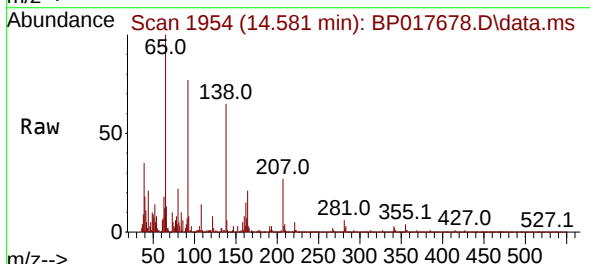
Manual Integrations
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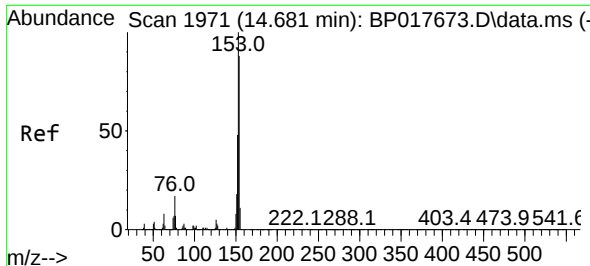
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#51
3-Nitroaniline
Concen: 3.292 ng/ul m
RT: 14.581 min Scan# 1954
Delta R.T. 0.018 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

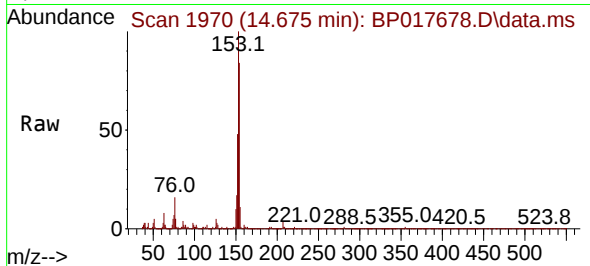
Tgt Ion	Ratio	Lower	Upper
138	100		
108	21.2	8.2	12.2#
92	118.0	99.0	148.6





#52
Acenaphthene
Concen: 4.823 ng/ul
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

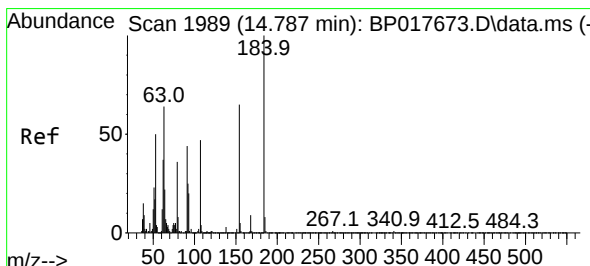
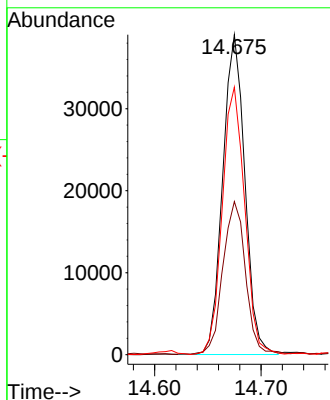
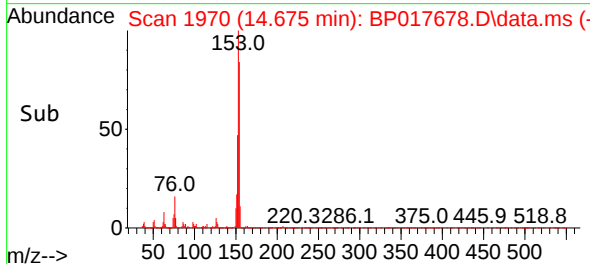
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



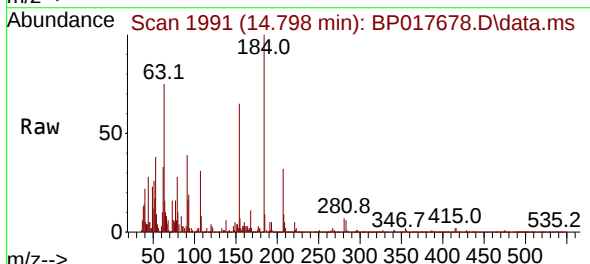
Tgt Ion:153 Resp: 56310
Ion Ratio Lower Upper
153 100
152 47.9 38.9 58.3
154 83.6 71.6 107.4

Manual Integrations
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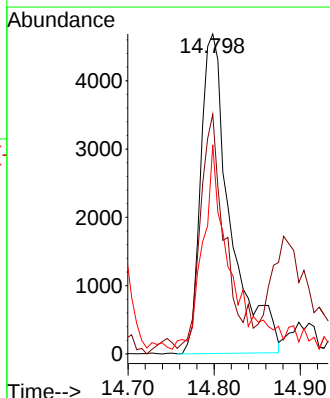
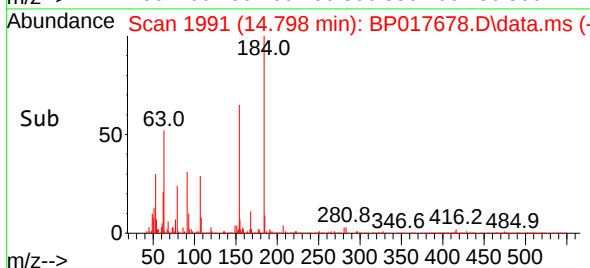
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

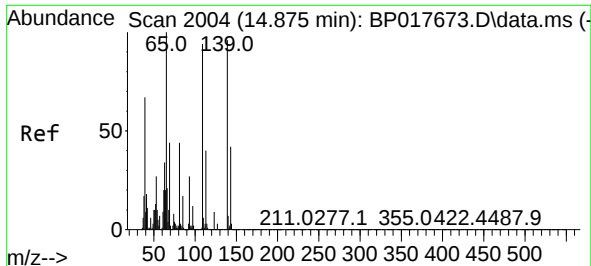


#53
2,4-Dinitrophenol
Concen: 6.870 ng/ul m
RT: 14.798 min Scan# 1991
Delta R.T. 0.024 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35



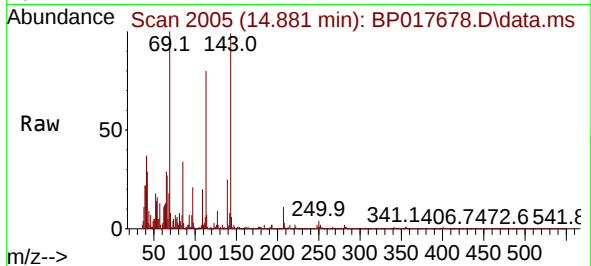
Tgt Ion:184 Resp: 11172
Ion Ratio Lower Upper
184 100
63 74.9 61.4 92.0
154 65.3 54.8 82.2





#55
4-Nitrophenol
Concen: 4.355 ng/ul m
RT: 14.881 min Scan# 20
Delta R.T. 0.018 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

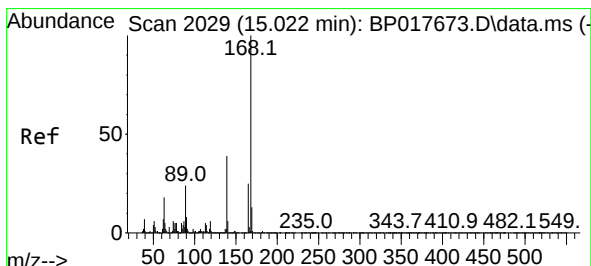
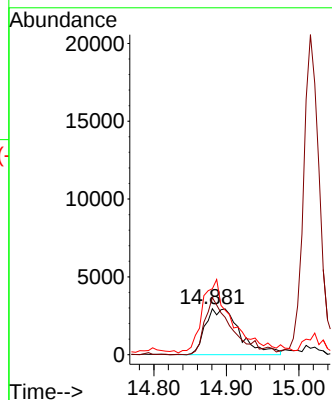
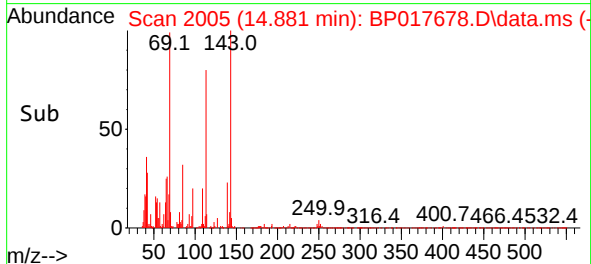
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:109 Resp: 9834
Ion Ratio Lower Upper
109 100
139 124.2 90.5 135.7
65 143.2 95.7 143.5

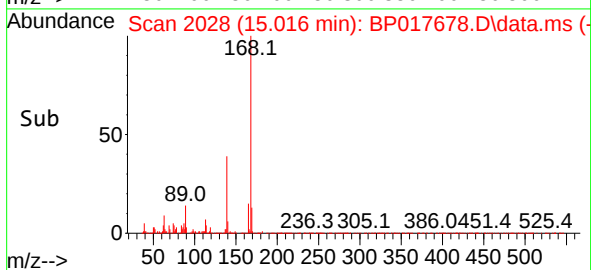
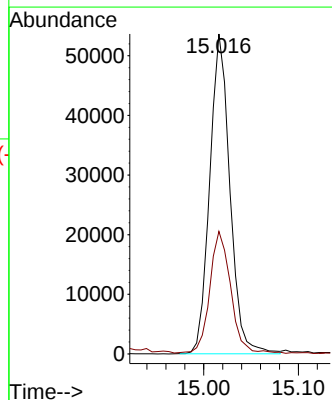
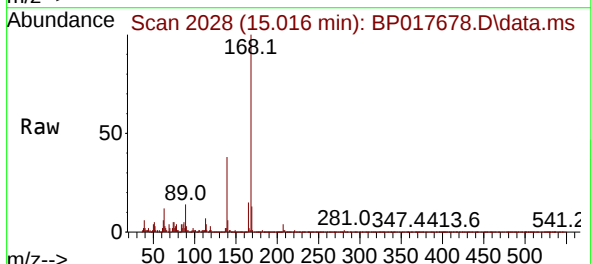
Manual Integrations
APPROVED

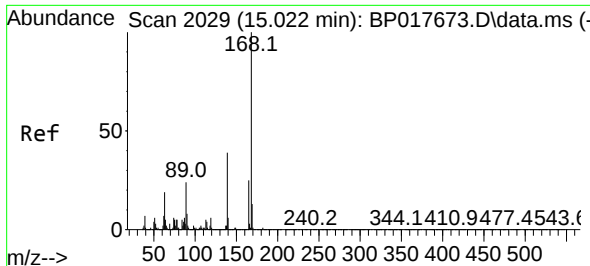
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 4.743 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:168 Resp: 79439
Ion Ratio Lower Upper
168 100
139 38.3 30.5 45.7





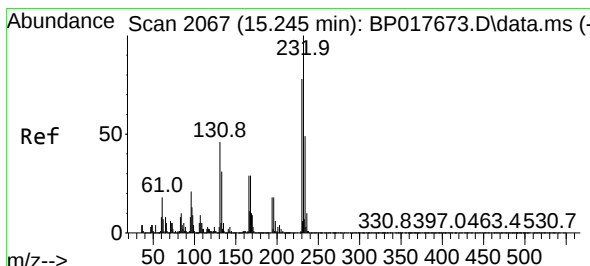
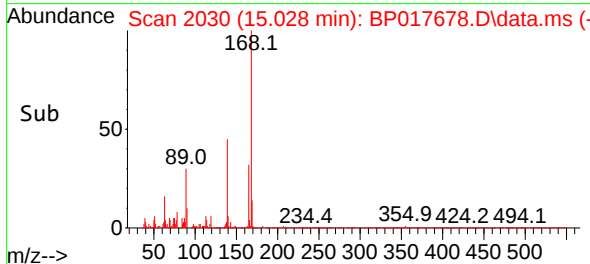
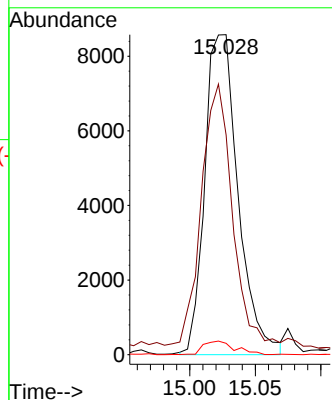
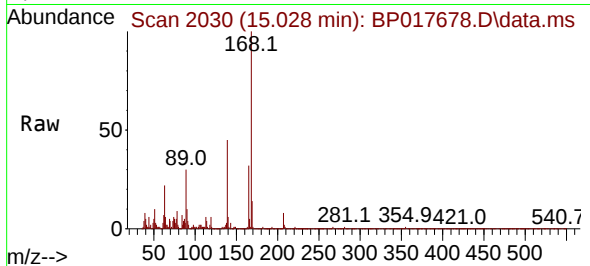
#57
2,4-Dinitrotoluene
Concen: 3.741 ng/ul
RT: 15.028 min Scan# 2029
Delta R.T. 0.018 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:165 Resp: 15209
Ion Ratio Lower Upper
165 100
63 68.7 52.7 79.1
182 3.6 2.2 3.4

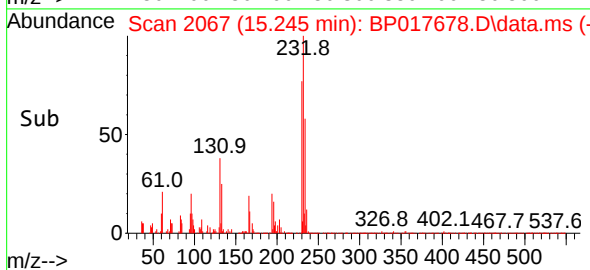
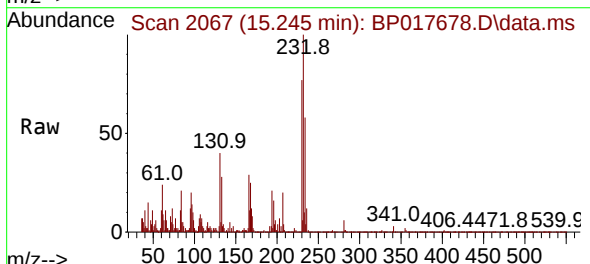
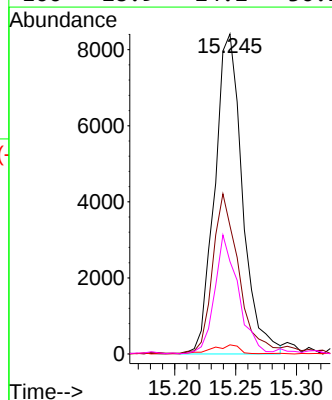
Manual Integrations
APPROVED

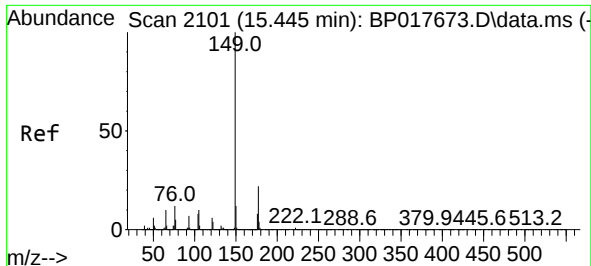
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.645 ng/ul
RT: 15.245 min Scan# 2067
Delta R.T. 0.012 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

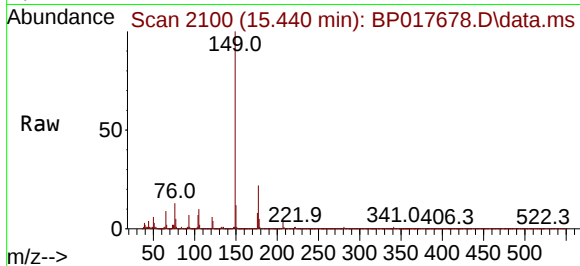
Tgt Ion:232 Resp: 13307
Ion Ratio Lower Upper
232 100
131 40.1 33.6 50.4
130 2.8 2.0 3.0
166 28.9 24.2 36.2





#59
Diethylphthalate
Concen: 4.151 ng/ul
RT: 15.440 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

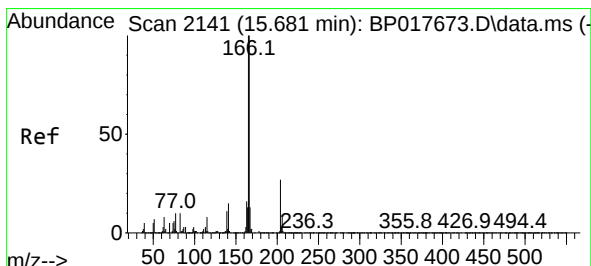
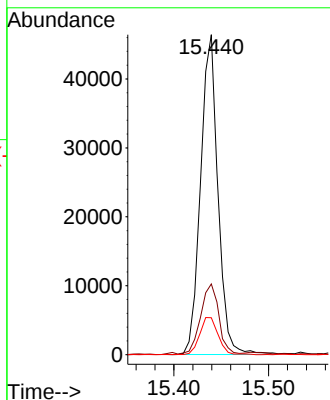
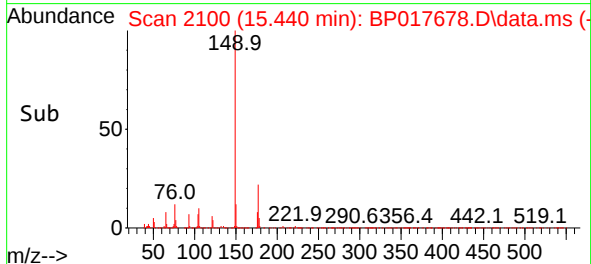
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



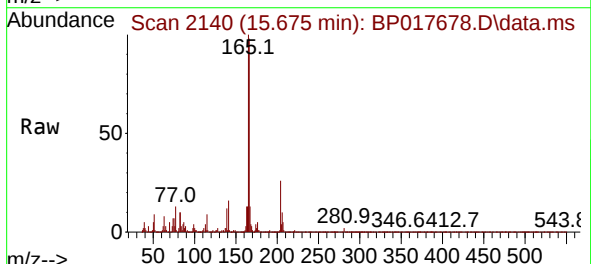
Tgt Ion:149 Resp: 59240
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 11.6 10.1 15.1

Manual Integrations
APPROVED

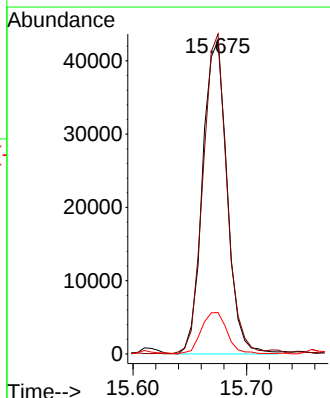
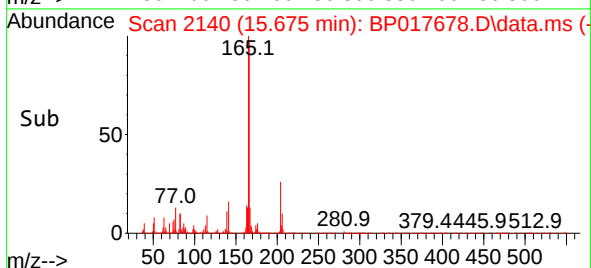
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

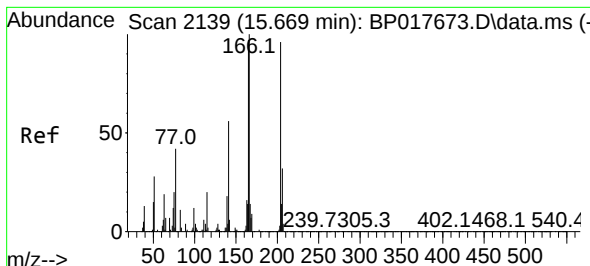


#61
Fluorene
Concen: 4.649 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35



Tgt Ion:166 Resp: 64206
Ion Ratio Lower Upper
166 100
165 102.1 79.6 119.4
167 13.2 11.1 16.7





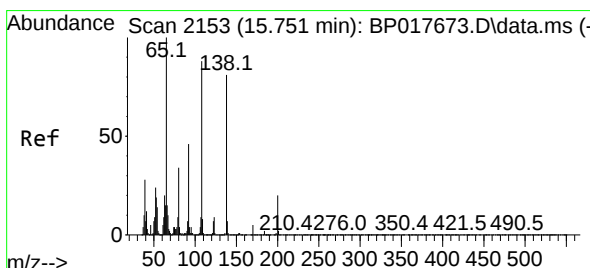
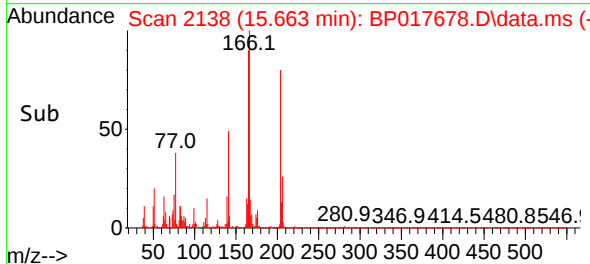
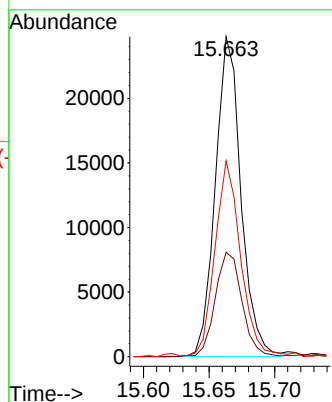
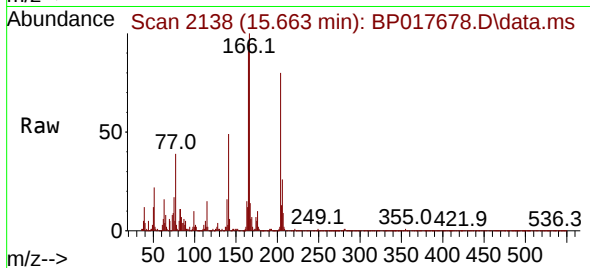
#62
4-Chlorophenyl-phenylether
Concen: 4.576 ng/ul
RT: 15.663 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2023-04

Tgt Ion: 204 Resp: 3360
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 61.2 43.9 65.9

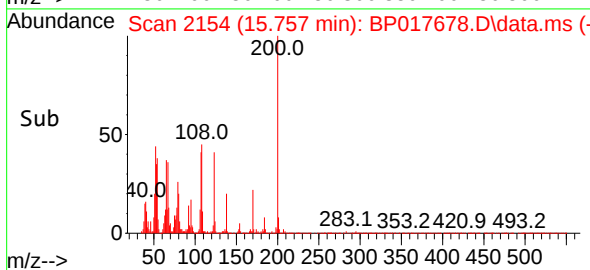
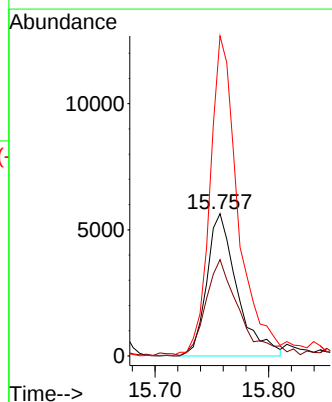
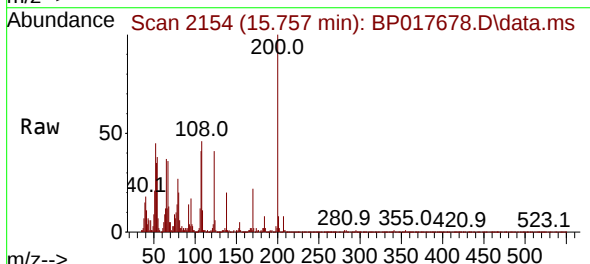
Manual Integrations
APPROVED

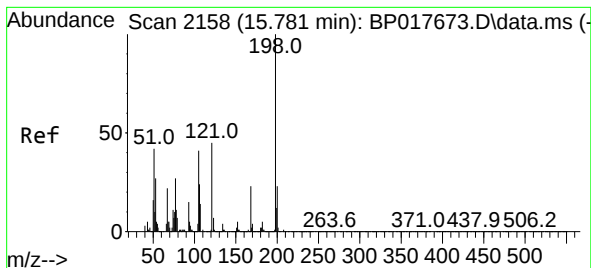
Reviewed By : Yogesh Patel 10/17/2023
Supervised By : mohammad ahmed 10/18/2023



#63
4-Nitroaniline
Concen: 3.949 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.018 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion: 138 Resp: 10424
Ion Ratio Lower Upper
138 100
92 67.8 43.0 64.6#
108 225.1 82.2 123.4#





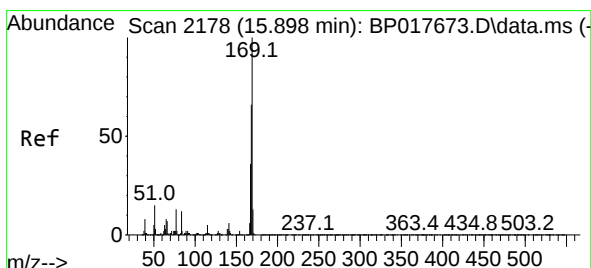
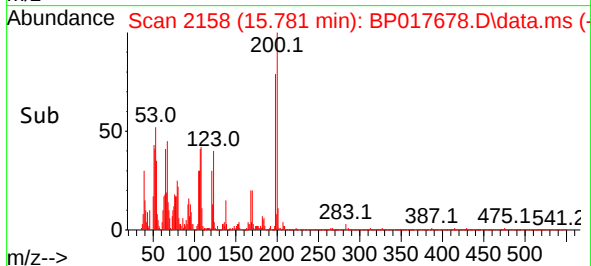
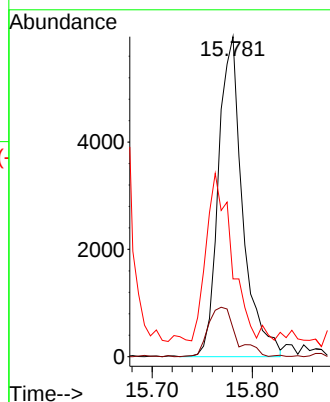
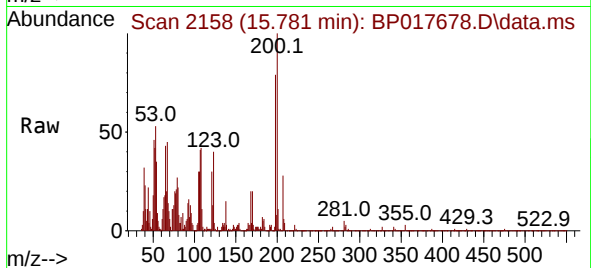
#66
4,6-Dinitro-2-methylphenol
Concen: 3.521 ng/ul
RT: 15.781 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2023-04

Tgt Ion:198 Resp: 1001
Ion Ratio Lower Upper
198 100
182 8.9 3.4 5.0
77 24.3 23.0 34.6

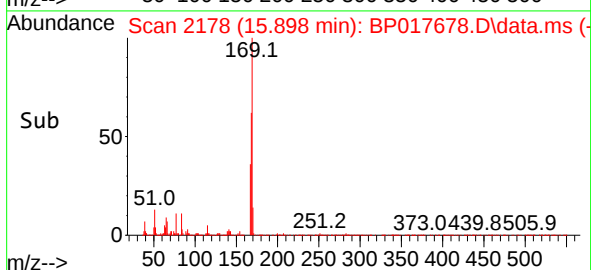
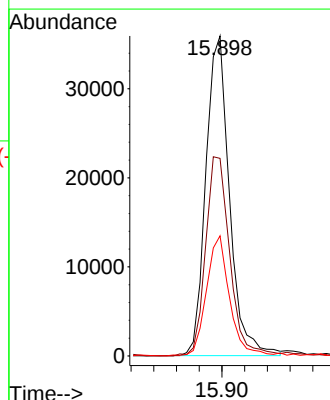
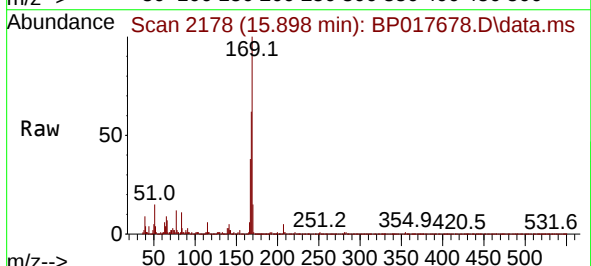
Manual Integrations
APPROVED

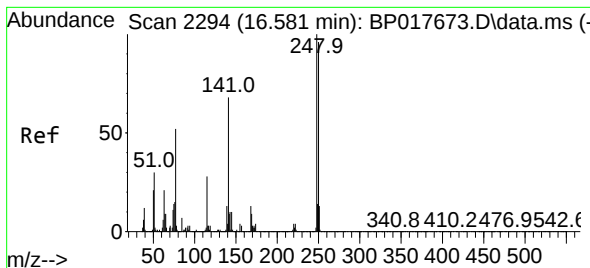
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 4.528 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:169 Resp: 51982
Ion Ratio Lower Upper
169 100
168 61.8 53.3 79.9
167 37.5 29.6 44.4





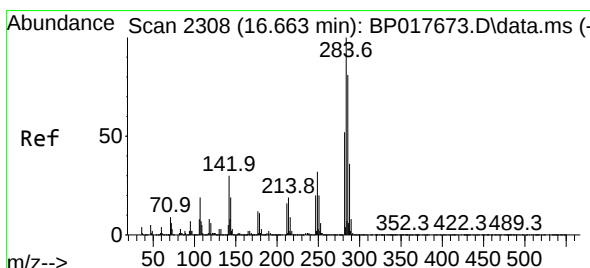
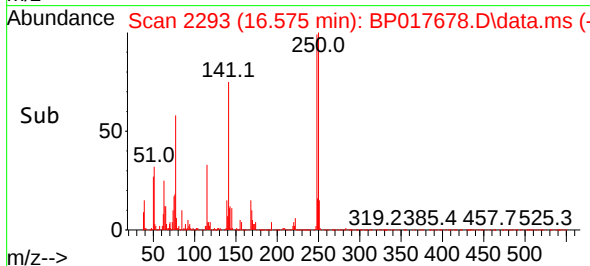
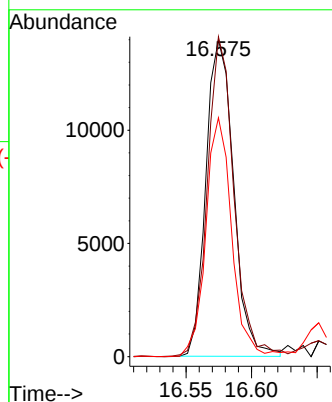
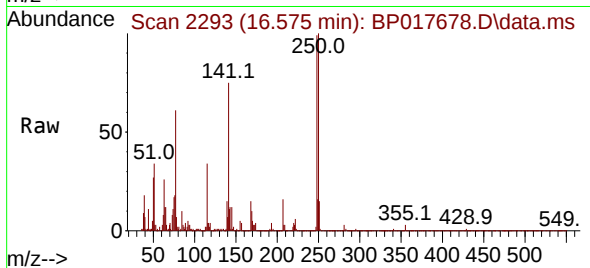
#68
4-Bromophenyl-phenylether
Concen: 4.429 ng/ul
RT: 16.575 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2023-04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.9	75.9	113.9
141	75.3	57.2	85.8

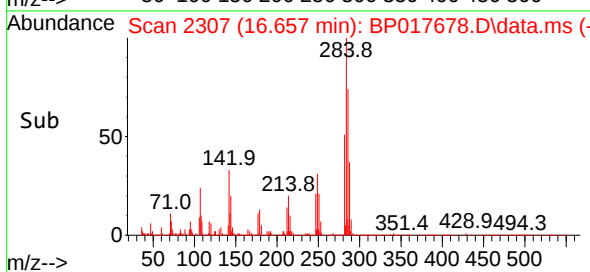
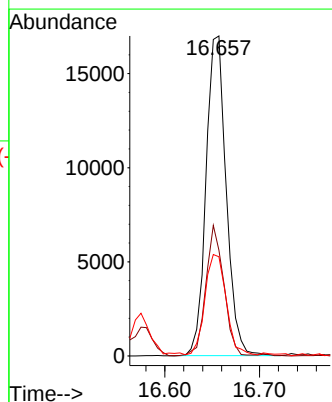
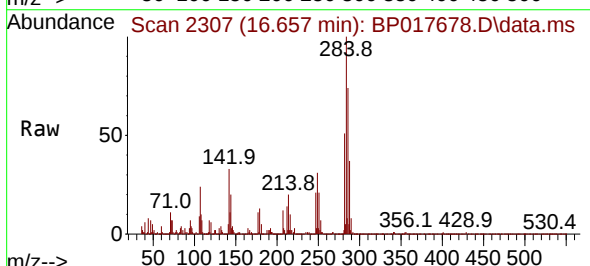
Manual Integrations
APPROVED

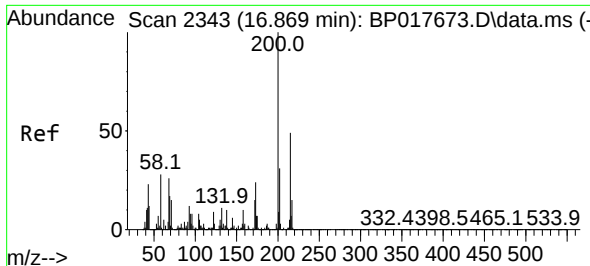
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 4.546 ng/ul
RT: 16.657 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

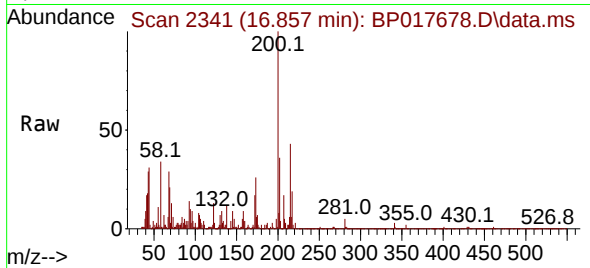
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.8	38.6
249	31.0	24.9	37.3





#70
Atrazine
Concen: 3.778 ng/ul
RT: 16.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

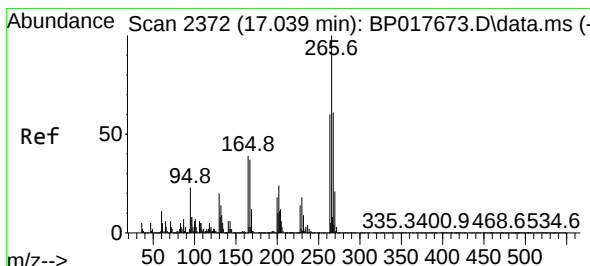
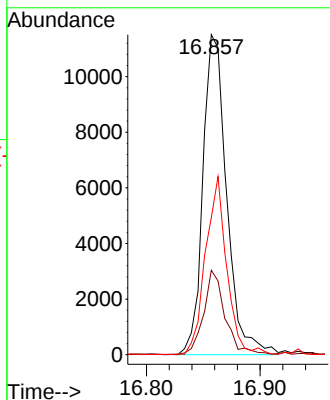
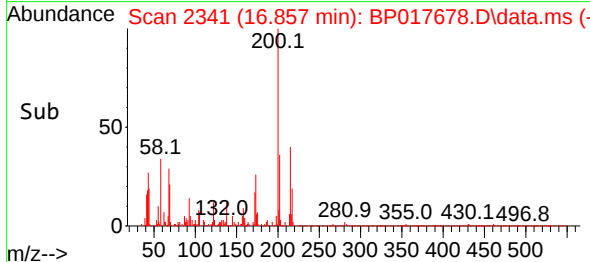
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:200 Resp: 1678
Ion Ratio Lower Upper
200 100
173 26.4 19.9 29.9
215 42.9 37.8 56.6

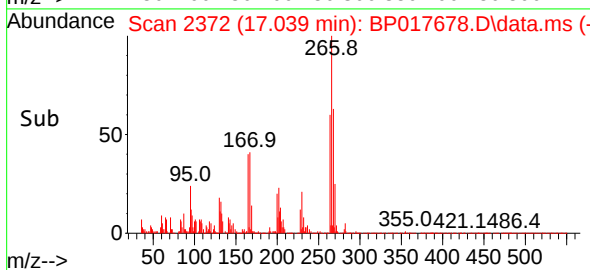
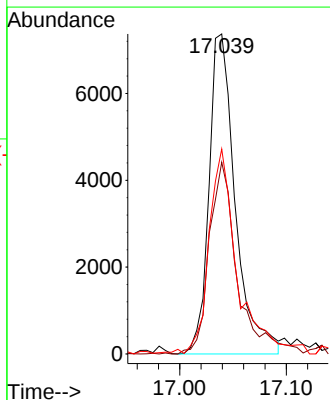
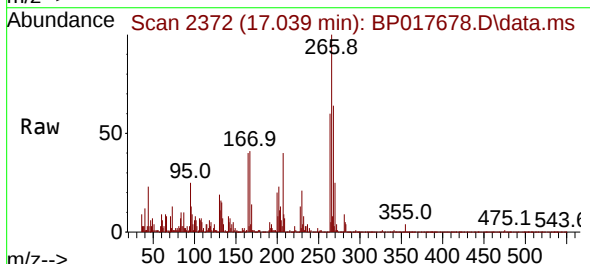
Manual Integrations
APPROVED

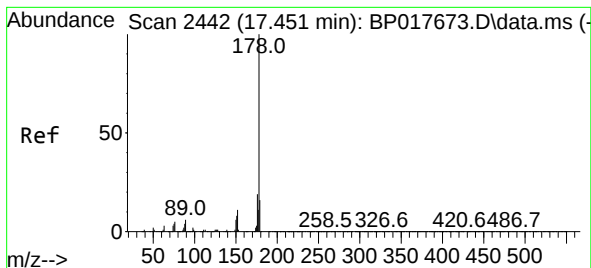
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#71
Pentachlorophenol
Concen: 3.793 ng/ul
RT: 17.039 min Scan# 2372
Delta R.T. 0.012 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:266 Resp: 12665
Ion Ratio Lower Upper
266 100
264 59.9 49.2 73.8
268 64.1 51.8 77.6





#72

Phenanthrene

Concen: 4.753 ng/ul

RT: 17.445 min Scan# 2441

Delta R.T. 0.006 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

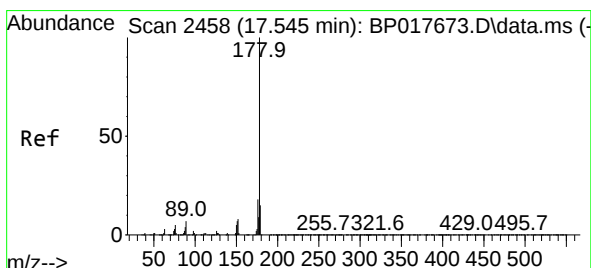
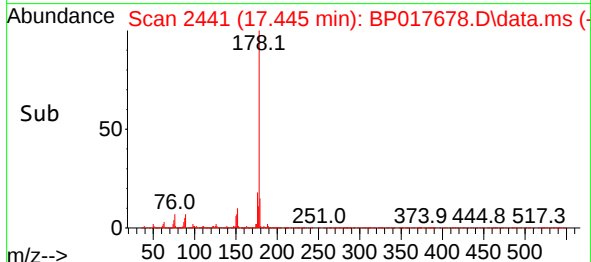
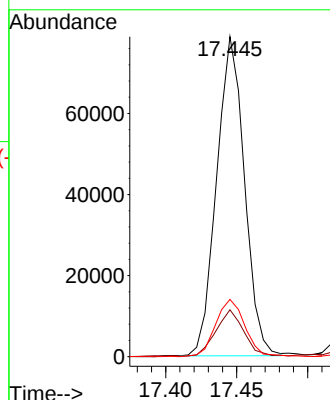
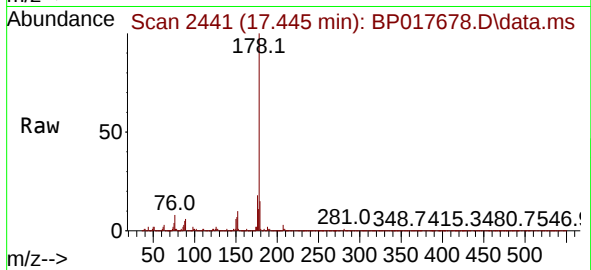
Tgt Ion:178 Resp: 107425
 Ion Ratio Lower Upper
 178 100
 179 14.7 12.1 18.1
 176 17.9 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#74

Anthracene

Concen: 4.625 ng/ul

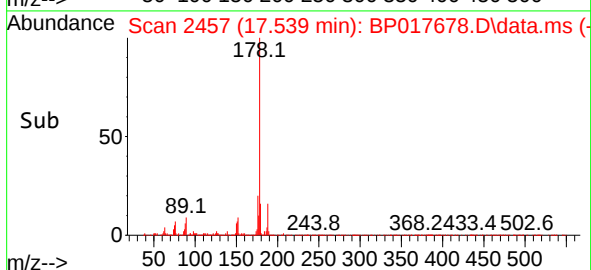
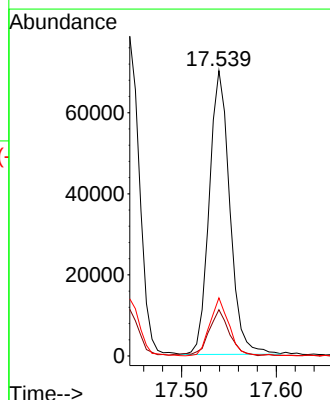
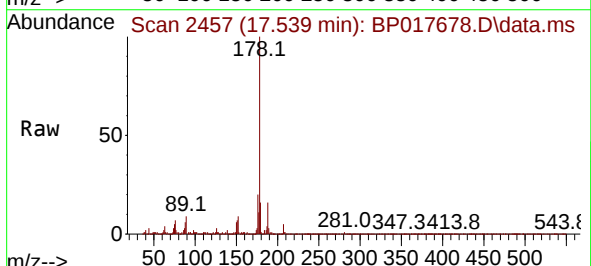
RT: 17.539 min Scan# 2457

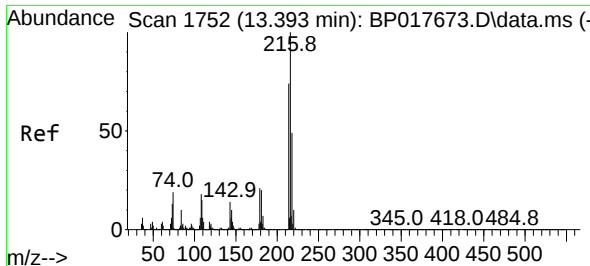
Delta R.T. 0.006 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

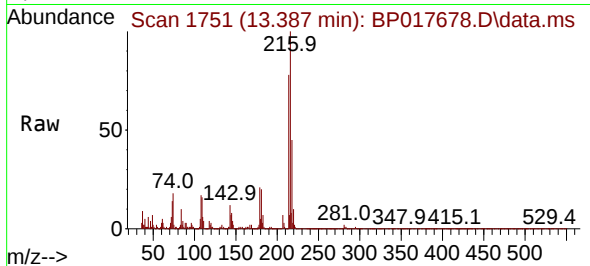
Tgt Ion:178 Resp: 105741
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.3 18.5
 176 20.4 14.6 22.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.643 ng/uL
RT: 13.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

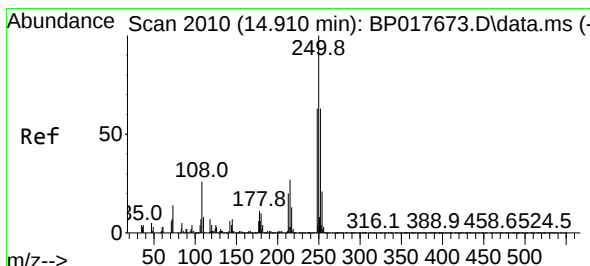
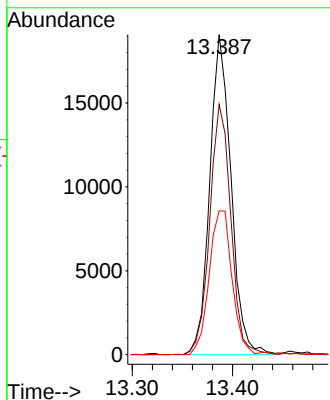
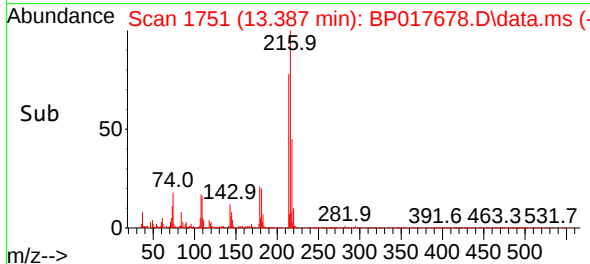
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:216 Resp: 2814
Ion Ratio Lower Upper
216 100
214 78.2 62.9 94.3
218 44.9 38.6 58.0

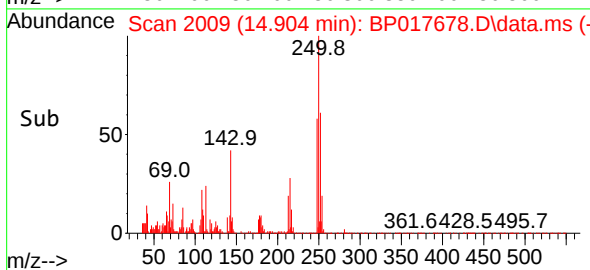
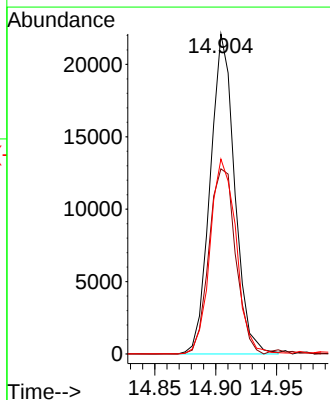
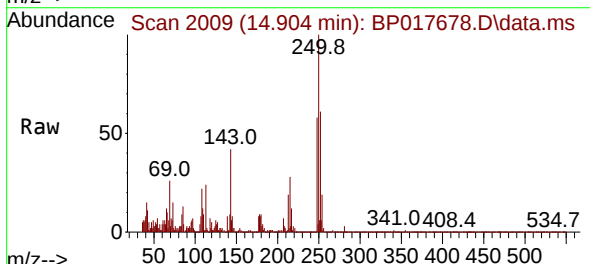
Manual Integrations
APPROVED

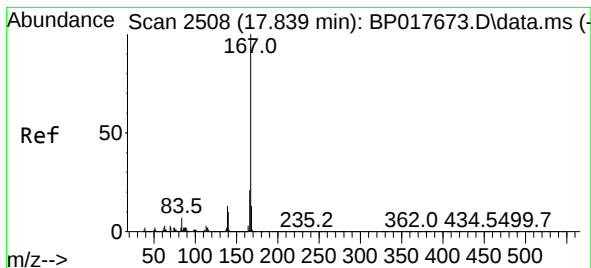
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#76
Pentachlorobenzene
Concen: 4.971 ng/uL
RT: 14.904 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:250 Resp: 30927
Ion Ratio Lower Upper
250 100
248 57.8 50.8 76.2
252 60.9 49.9 74.9





#77

Carbazole

Concen: 3.924 ng/ul

RT: 17.839 min Scan# 2508

Delta R.T. 0.012 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

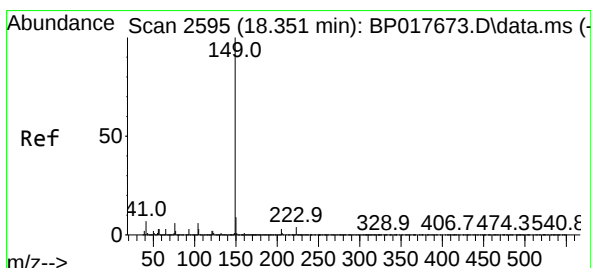
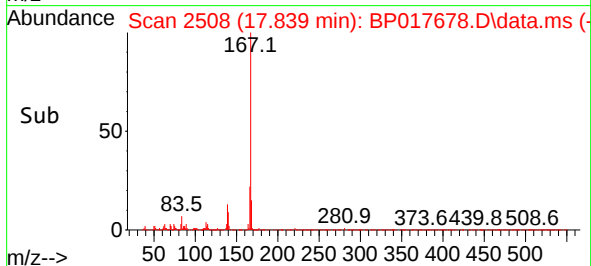
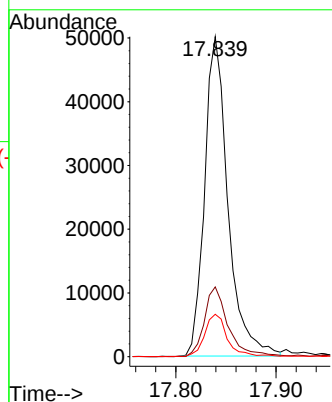
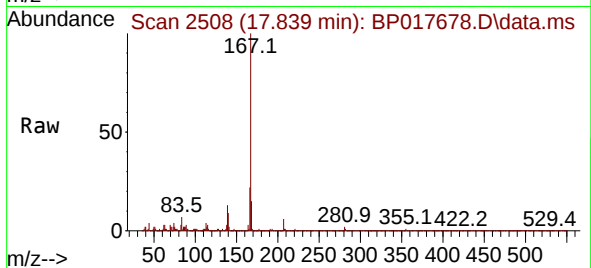
Tgt Ion:167	Resp:	81240
Ion Ratio	Lower	Upper
167	100	
166	21.8	17.0 25.6
139	13.3	10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#78

Di-n-butylphthalate

Concen: 3.316 ng/ul

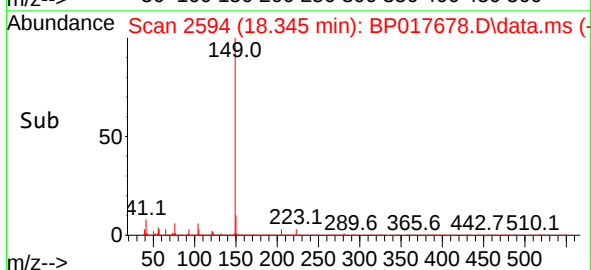
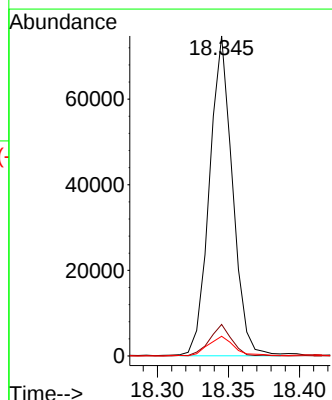
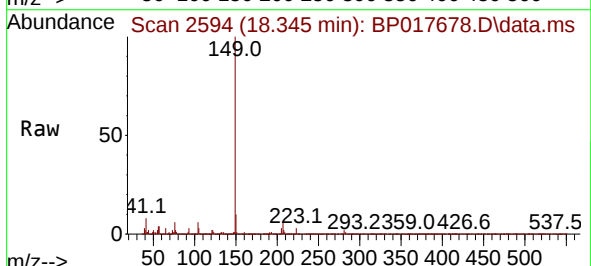
RT: 18.345 min Scan# 2594

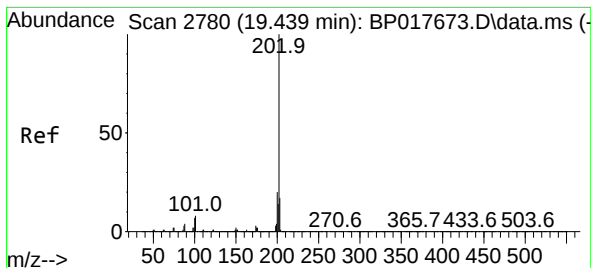
Delta R.T. 0.006 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

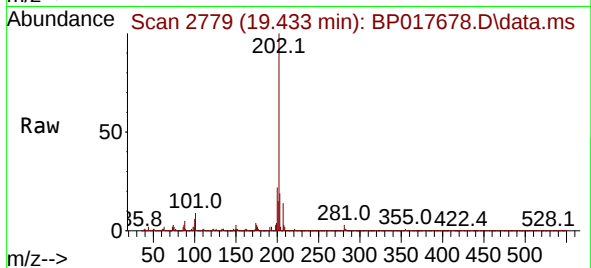
Tgt Ion:149	Resp:	84560
Ion Ratio	Lower	Upper
149	100	
150	9.9	7.4 11.0
104	6.1	4.6 6.8





#80
Fluoranthene
Concen: 4.003 ng/u1
RT: 19.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

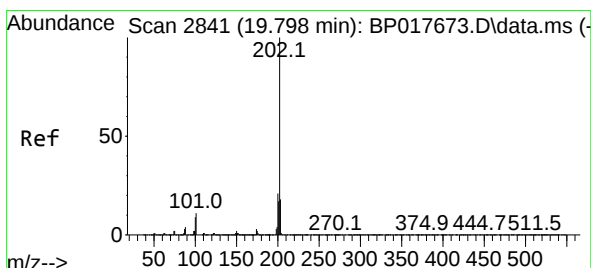
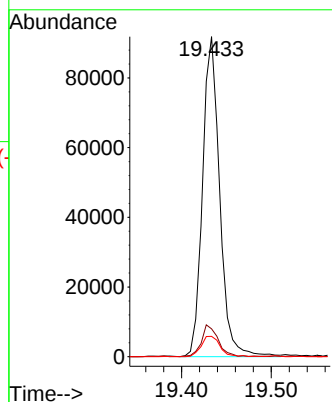
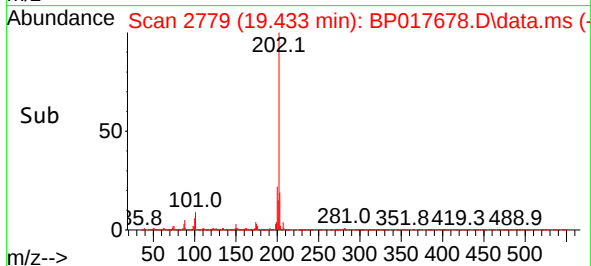
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04



Tgt Ion:202 Resp: 121789
Ion Ratio Lower Upper
202 100
101 8.7 7.0 10.6
100 6.4 5.8 8.6

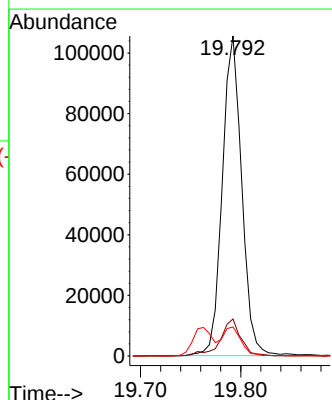
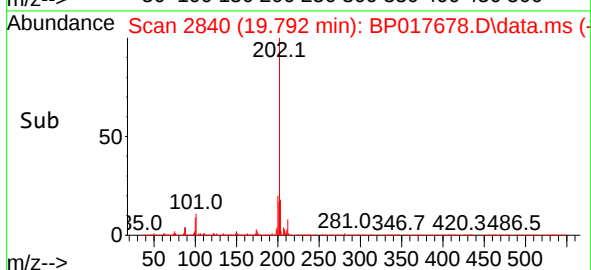
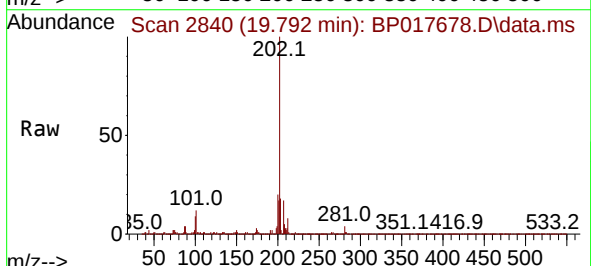
Manual Integrations
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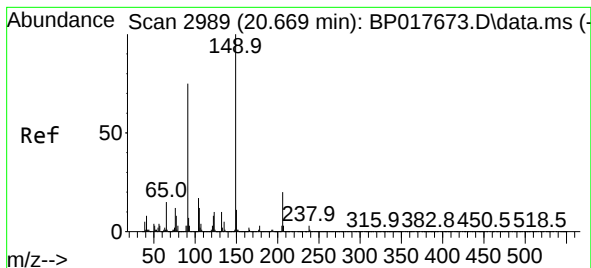
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#82
Pyrene
Concen: 4.455 ng/u1
RT: 19.792 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:202 Resp: 141598
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 9.1 7.4 11.0





#83

Butylbenzylphthalate

Concen: 2.666 ng/ul

RT: 20.663 min Scan# 2989

Delta R.T. 0.006 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

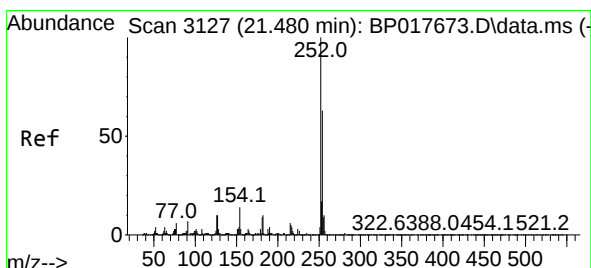
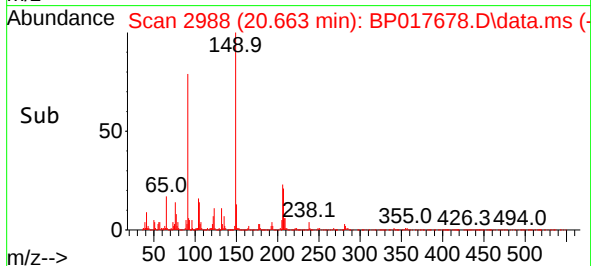
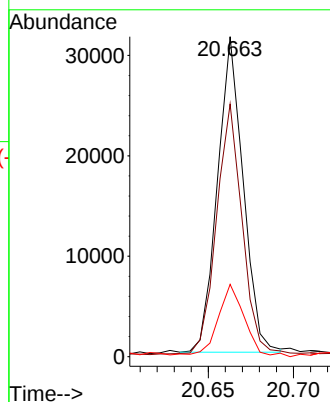
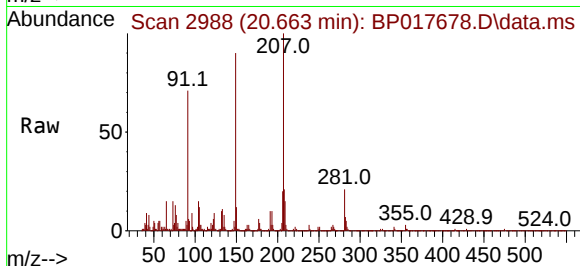
Tgt Ion:	149	Resp:	3297
Ion Ratio	Lower	Upper	
149	100		
91	79.0	59.6	89.4
206	22.6	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.508 ng/ul

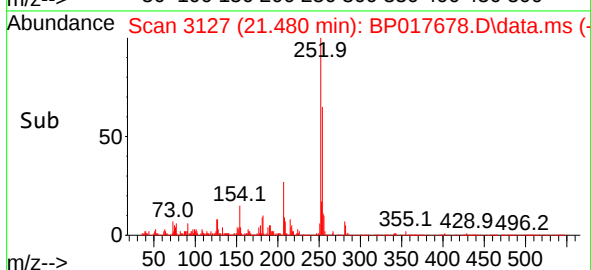
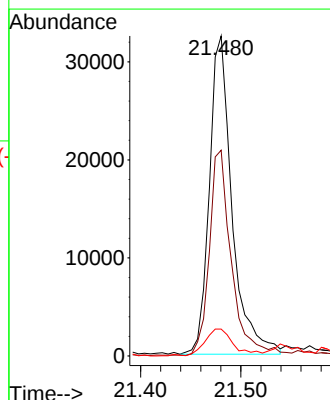
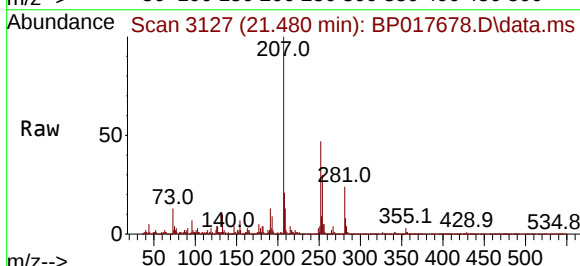
RT: 21.480 min Scan# 3127

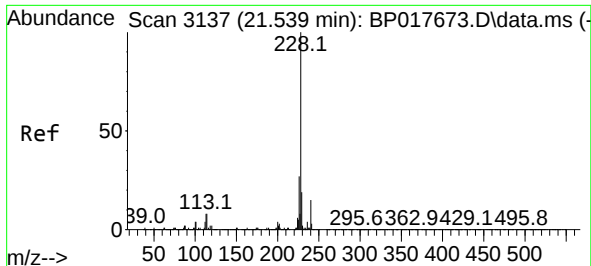
Delta R.T. 0.012 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

Tgt Ion:	252	Resp:	51076
Ion Ratio	Lower	Upper	
252	100		
254	64.3	51.8	77.6
126	8.4	8.1	12.1





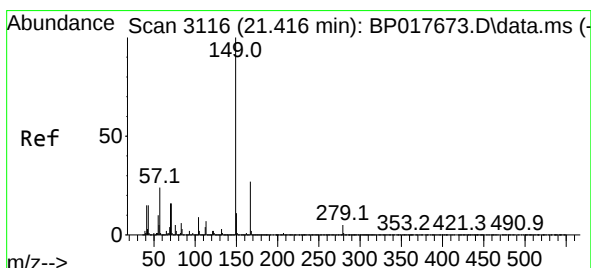
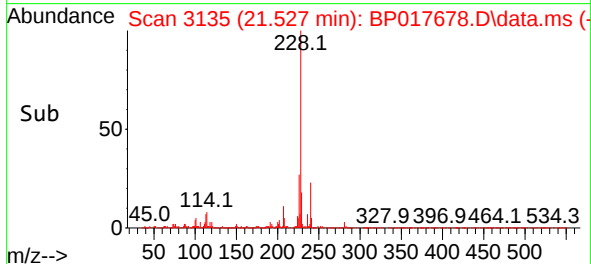
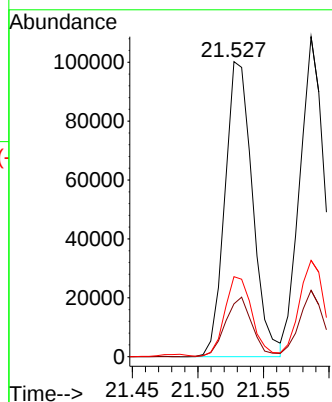
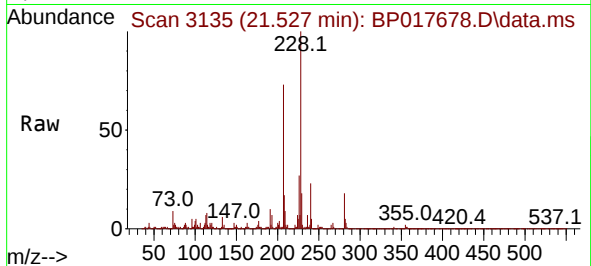
#85
Benzo(a)anthracene
Concen: 4.335 ng/ul
RT: 21.527 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:228 Resp: 14702
Ion Ratio Lower Upper
228 100
229 17.9 15.4 23.2
226 27.1 21.4 32.0

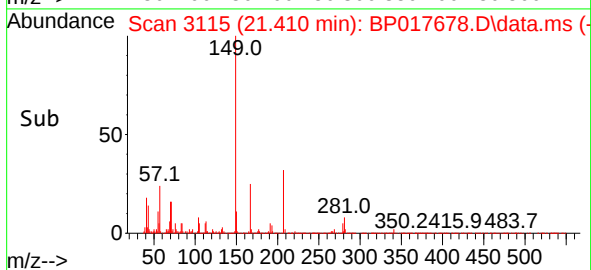
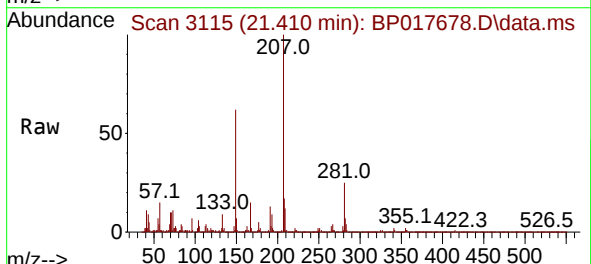
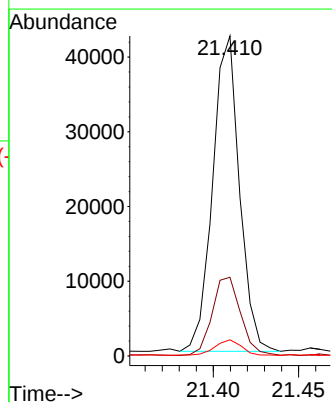
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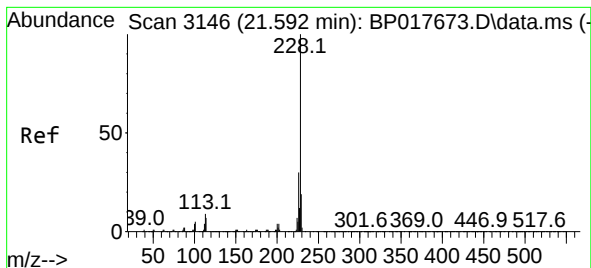
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.471 ng/ul
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:149 Resp: 46211
Ion Ratio Lower Upper
149 100
167 24.6 21.7 32.5
279 5.0 3.7 5.5





#87

Chrysene

Concen: 4.528 ng/ul

RT: 21.586 min Scan# 3146

Delta R.T. 0.006 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

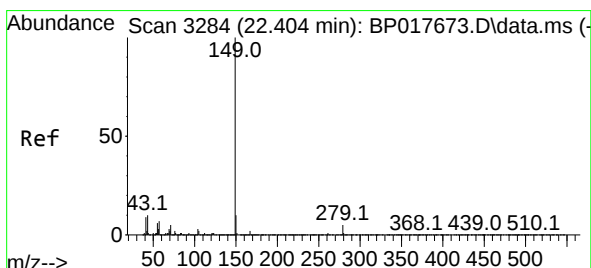
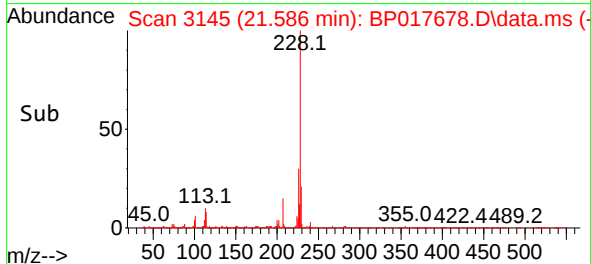
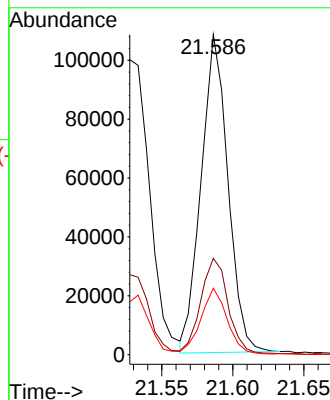
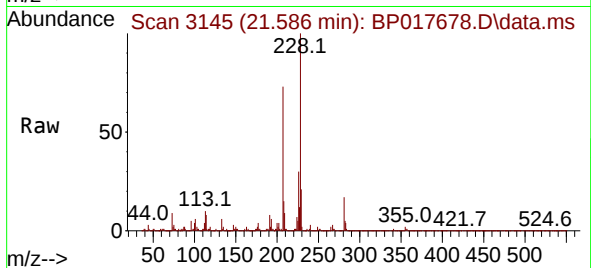
Tgt Ion:228 Resp: 141711
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.4
 229 20.8 16.1 24.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 2.519 ng/ul

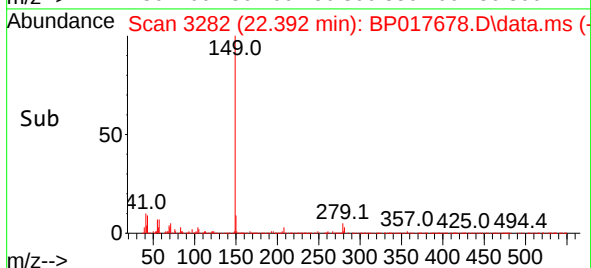
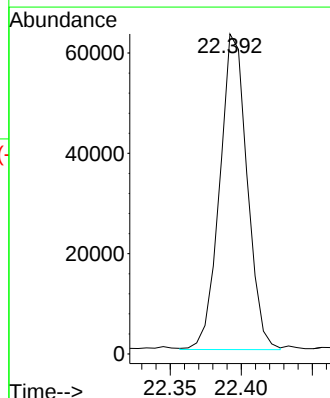
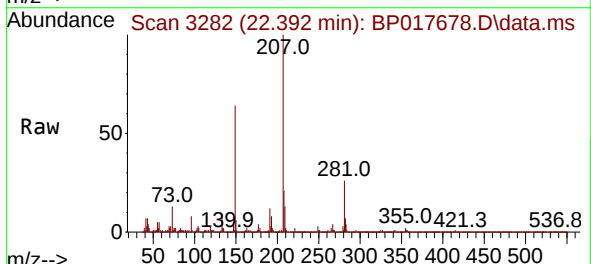
RT: 22.392 min Scan# 3282

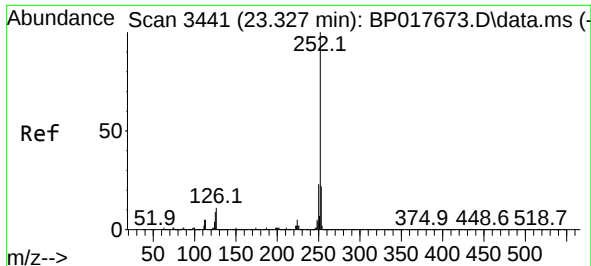
Delta R.T. 0.006 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

Tgt Ion:149 Resp: 84330





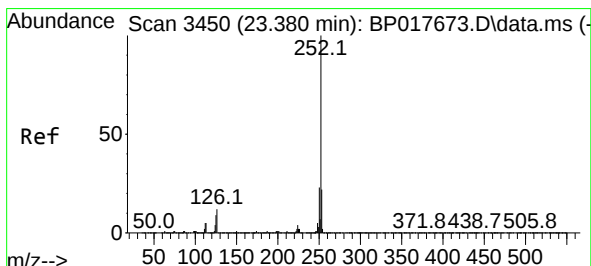
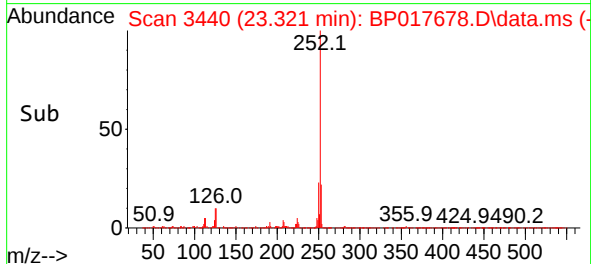
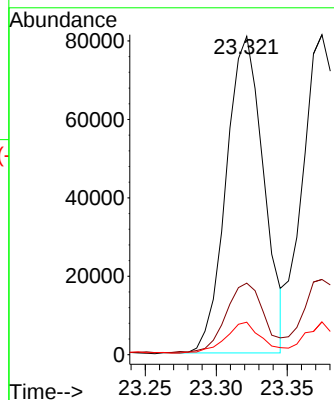
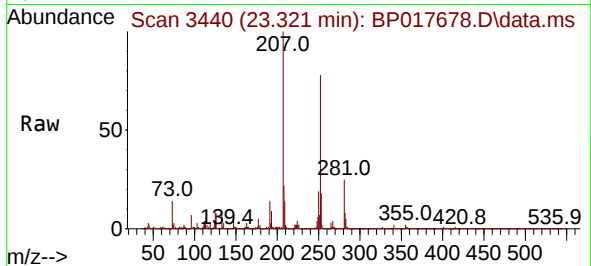
#90
Benzo(b)fluoranthene
Concen: 4.248 ng/ul
RT: 23.321 min Scan# 3440
Delta R.T. 0.012 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-04

Tgt Ion:252 Resp: 14833
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.2 6.9 10.3

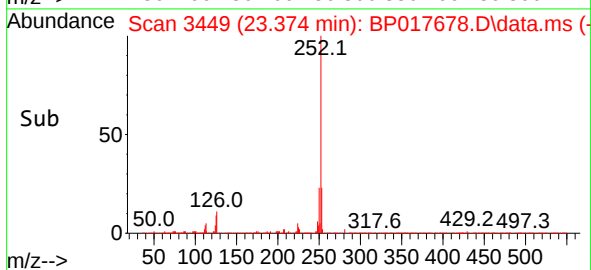
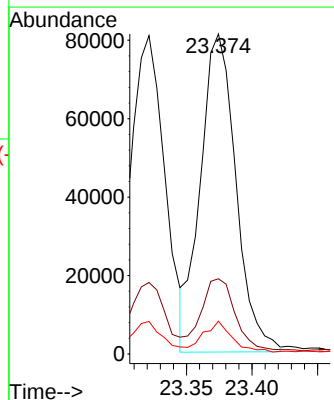
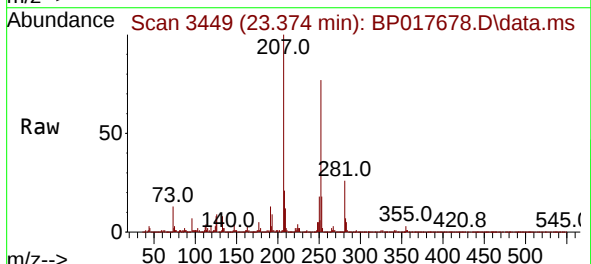
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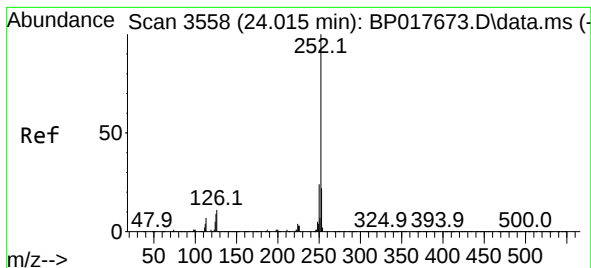
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 4.402 ng/ul
RT: 23.374 min Scan# 3449
Delta R.T. 0.006 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:252 Resp: 152931
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 10.2 6.3 9.5#





#93

Benzo(a)pyrene

Concen: 4.405 ng/ul

RT: 24.004 min Scan# 3558

Delta R.T. 0.006 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-04

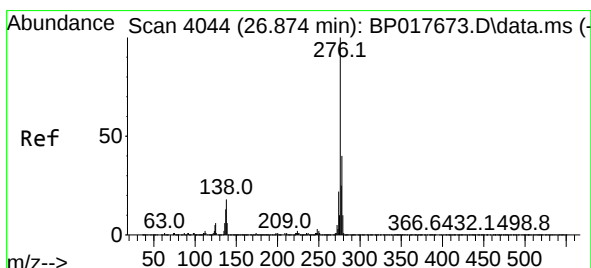
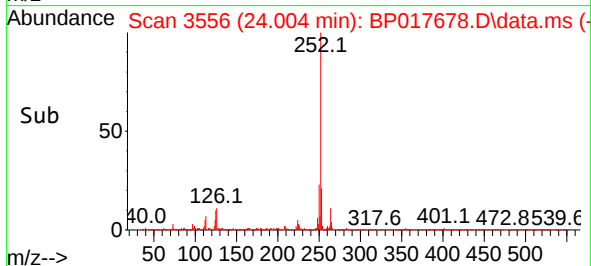
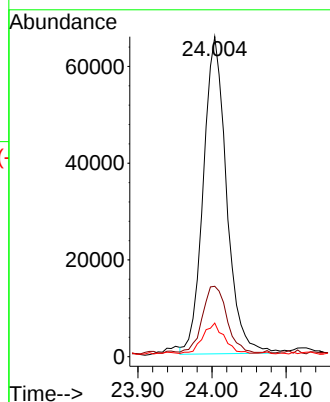
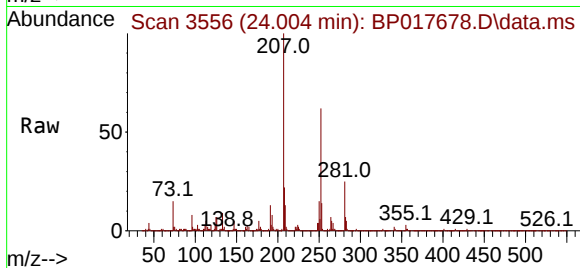
Tgt Ion:	252	Resp:	143234
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	10.5	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.464 ng/ul

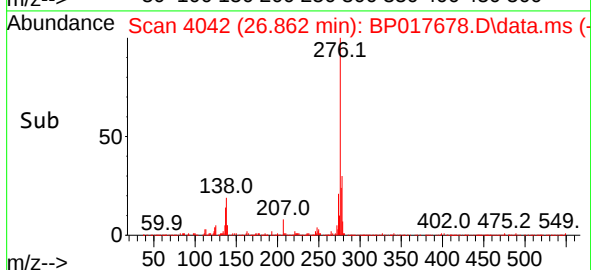
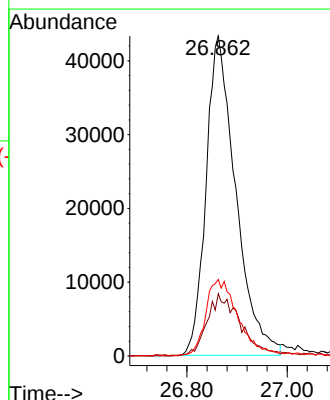
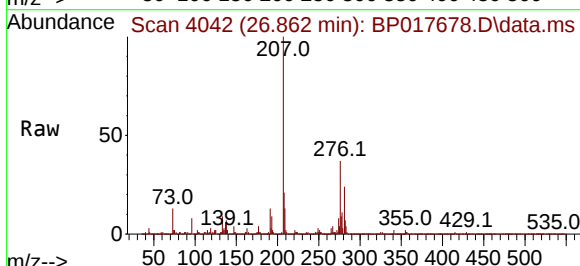
RT: 26.862 min Scan# 4042

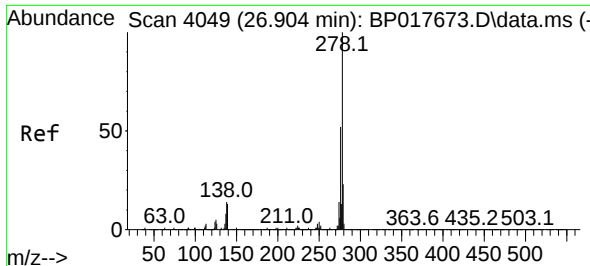
Delta R.T. 0.024 min

Lab File: BP017678.D

Acq: 16 Oct 2023 12:35

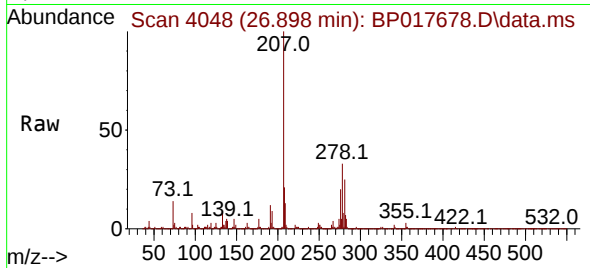
Tgt Ion:	276	Resp:	177996
Ion Ratio	Lower	Upper	
276	100		
138	19.5	14.6	21.8
277	23.9	19.3	28.9





#95
Dibenzo(a,h)anthracene
Concen: 4.526 ng/ul
RT: 26.898 min Scan# 4187
Delta R.T. 0.029 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

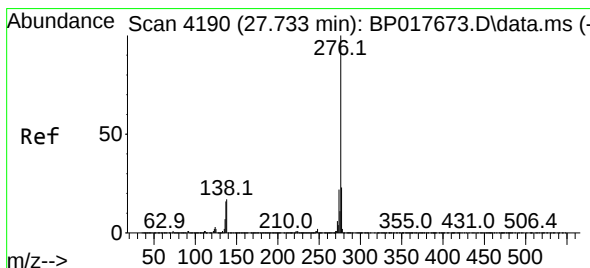
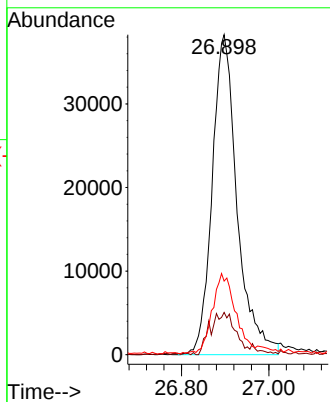
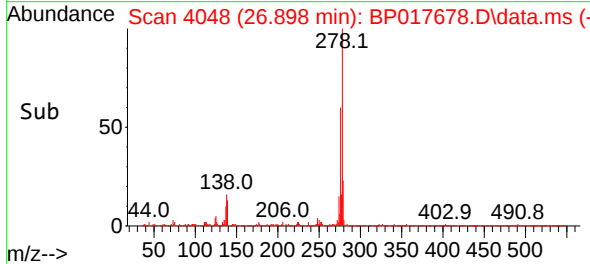
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2023-04



Tgt Ion:278 Resp: 151270
Ion Ratio Lower Upper
278 100
139 13.2 10.8 16.2
279 23.0 19.8 29.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#96
Benzo(g,h,i)perylene
Concen: 4.728 ng/ul
RT: 27.715 min Scan# 4187
Delta R.T. 0.018 min
Lab File: BP017678.D
Acq: 16 Oct 2023 12:35

Tgt Ion:276 Resp: 149920
Ion Ratio Lower Upper
276 100
138 17.3 14.1 21.1
277 21.8 18.7 28.1

