

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101623\
 Data File : BP017681.D
 Acq On : 16 Oct 2023 14:31
 Operator : MA/JU
 Sample : 03573-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-05

Quant Time: Oct 17 00:57:36 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	7.905	152	77483	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	296996	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	188433	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	446811	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	506551	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	590693	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14861	7.071	ng/uL	0.00
4) Pyridine-d5	3.699	84	163396	28.125	ng/u1	0.00
7) Phenol-d5	7.058	99	184783	25.616	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	119369	27.286	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	151076	27.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	143402	24.888	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	70104	28.102	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	73505	26.202	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	137754	26.127	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	199050	26.338	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	460796	28.235	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	494227	28.123	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	64122m	23.493	ng/u1	0.00
60) Fluorene-d10	15.610	176	412462	29.712	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	59788	18.931	ng/u1	0.00
73) Anthracene-d10	17.498	188	659770	28.603	ng/u1	0.00
81) Pyrene-d10	19.757	212	841730	27.609	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	969308	29.231	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	2568	1.152	ng/uL#	77
5) Pyridine	3.722	79	25867	4.336	ng/u1#	61
6) Benzaldehyde	7.069	77	20945	5.732	ng/u1	95
8) Phenol	7.087	94	29256	4.086	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.340	93	24905	4.335	ng/u1	98
12) 2-Chlorophenol	7.458	128	24910	4.465	ng/u1	92
13) 2-Methylphenol	8.357	108	18095	3.395	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.422	45	32091m	4.330	ng/u1	
16) Acetophenone	8.763	105	36988	4.126	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.728	70	17548	3.867	ng/u1	99
18) 4-Methylphenol	8.693	108	22833	3.941	ng/u1	93
19) Hexachloroethane	8.963	117	10816	4.340	ng/u1	96
22) Nitrobenzene	9.157	77	29783	4.648	ng/u1	96
23) Isophorone	9.669	82	44639	3.864	ng/u1	97
25) 2-Nitrophenol	9.863	139	12756	4.274	ng/u1	96
26) 2,4-Dimethylphenol	9.904	107	23895	4.029	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.163	93	31208	4.421	ng/u1	98
29) 2,4-Dichlorophenol	10.387	162	21181	4.163	ng/u1#	82
30) Naphthalene	10.793	128	82512	4.779	ng/u1	96
32) 4-Chloroaniline	10.940	127	29277	4.051	ng/u1	96
33) Hexachlorobutadiene	11.016	225	18604	4.729	ng/u1	94
34) Caprolactam	11.763	113	10157m	6.527	ng/u1	
35) 4-Chloro-3-methylphenol	12.057	107	18908	3.523	ng/u1	93
36) 2-Methylnaphthalene	12.410	142	52387	4.430	ng/u1	96

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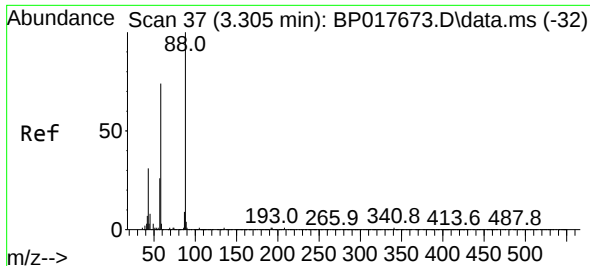
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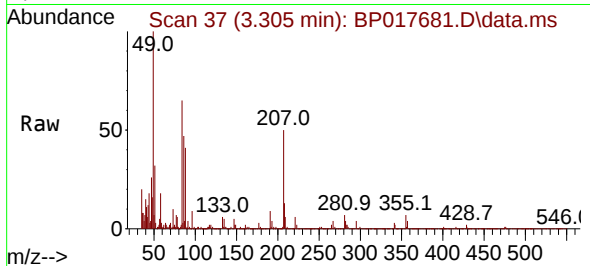
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	55101	4.591	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.763	216	32395	4.712	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	10958	3.548	ng/ul	92
41) 2,4,6-Trichlorophenol	13.034	196	14978	3.538	ng/ul	96
42) 2,4,5-Trichlorophenol	13.122	196	16807m	3.761	ng/ul	
43) 1,1'-Biphenyl	13.434	154	71479	4.628	ng/ul#	94
44) 2-Chloronaphthalene	13.481	162	57936	4.689	ng/ul	98
45) 2-Nitroaniline	13.740	65	10087	2.953	ng/ul	92
47) Dimethylphthalate	14.069	163	73087	4.535	ng/ul	97
48) 2,6-Dinitrotoluene	14.222	165	10458	3.506	ng/ul	92
50) Acenaphthylene	14.334	152	92844	4.670	ng/ul	99
51) 3-Nitroaniline	14.575	138	9292	3.089	ng/ul#	99
52) Acenaphthene	14.669	153	61831	4.676	ng/ul	99
53) 2,4-Dinitrophenol	14.787	184	10442	5.669	ng/ul	91
55) 4-Nitrophenol	14.881	109	10874	4.252	ng/ul#	87
56) Dibenzofuran	15.010	168	90660	4.779	ng/ul	98
57) 2,4-Dinitrotoluene	15.016	165	17188	3.733	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.240	232	15095	3.651	ng/ul	94
59) Diethylphthalate	15.434	149	69469	4.297	ng/ul	98
61) Fluorene	15.663	166	73523	4.701	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.657	204	40507	4.871	ng/ul	97
63) 4-Nitroaniline	15.751	138	11743	3.928	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.775	198	11297	3.415	ng/ul#	79
67) N-Nitrosodiphenylamine	15.892	169	56873	4.260	ng/ul	98
68) 4-Bromophenyl-phenylether	16.569	248	23566	4.374	ng/ul	98
69) Hexachlorobenzene	16.651	284	29145	4.545	ng/ul	95
70) Atrazine	16.857	200	19592	3.792	ng/ul	94
71) Pentachlorophenol	17.034	266	15430	3.973	ng/ul	97
72) Phenanthrene	17.439	178	122095	4.645	ng/ul	99
74) Anthracene	17.534	178	122472	4.606	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.381	216	31304	4.440	ng/ul	96
76) Pentachlorobenzene	14.904	250	35383	4.891	ng/ul	99
77) Carbazole	17.833	167	92425	3.838	ng/ul	99
78) Di-n-butylphthalate	18.339	149	97752	3.296	ng/ul#	95
80) Fluoranthene	19.428	202	141143	4.051	ng/ul	99
82) Pyrene	19.786	202	165791	4.555	ng/ul	99
83) Butylbenzylphthalate	20.657	149	40584	2.866	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.474	252	55123	4.248	ng/ul	99
85) Benzo(a)anthracene	21.527	228	166102	4.276	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	53991	2.522	ng/ul	96
87) Chrysene	21.580	228	167627	4.677	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	98908	2.564	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	171403	4.261	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	171289	4.280	ng/ul	98
93) Benzo(a)pyrene	23.998	252	162689	4.343	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.851	276	200988	4.375	ng/ul	96
95) Dibenzo(a,h)anthracene	26.880	278	169586	4.405	ng/ul	98
96) Benzo(g,h,i)perylene	27.709	276	168523	4.614	ng/ul	96

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



#2
1,4-Dioxane
Concen: 1.152 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

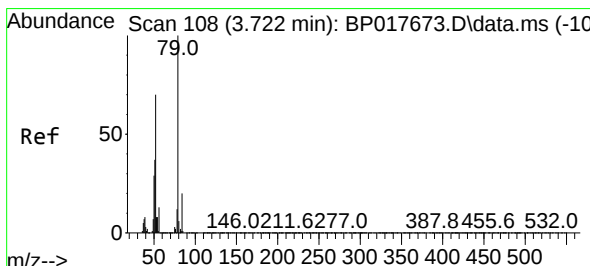
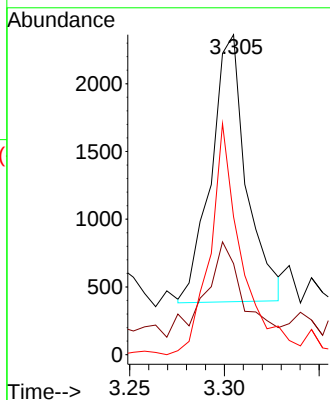
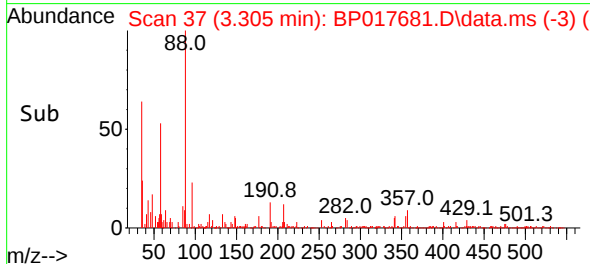
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



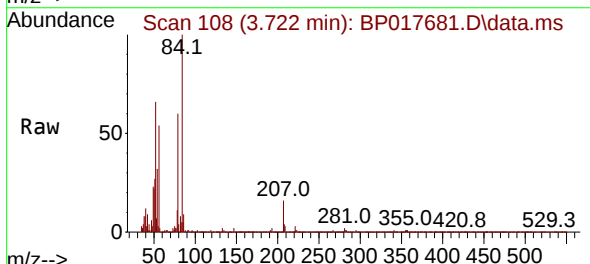
Tgt Ion: 88 Resp: 2568
Ion Ratio Lower Upper
88 100
43 28.5 27.3 40.9
58 43.1 53.3 79.9

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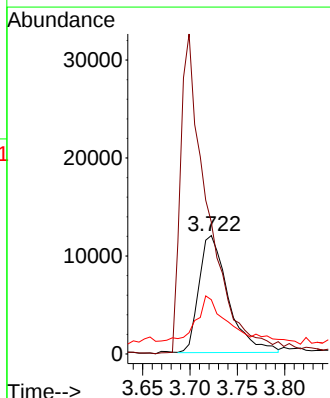
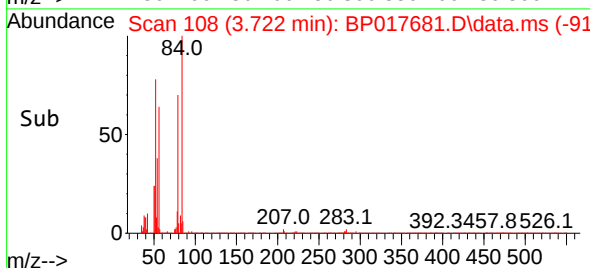
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

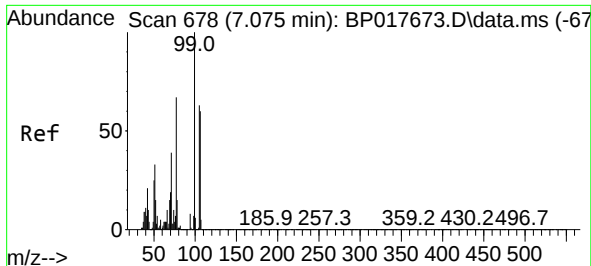


#5
Pyridine
Concen: 4.336 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31



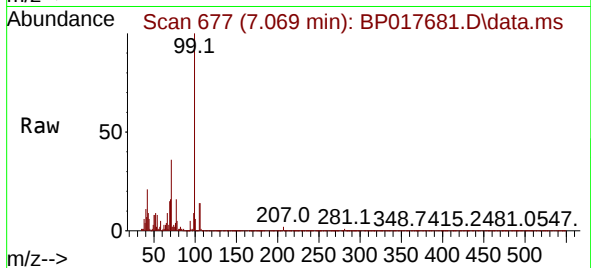
Tgt Ion: 79 Resp: 25867
Ion Ratio Lower Upper
79 100
52 111.3 55.8 83.6#
51 45.9 28.7 43.1#





#6
Benzaldehyde
Concen: 5.732 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

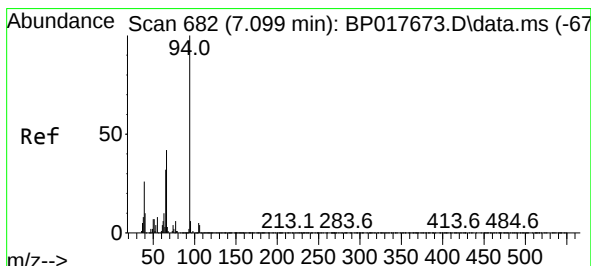
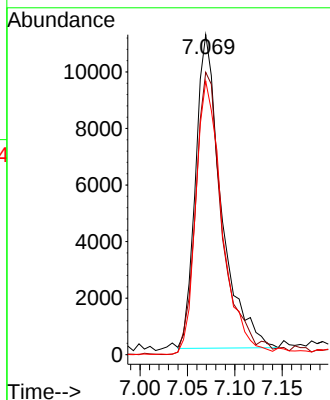
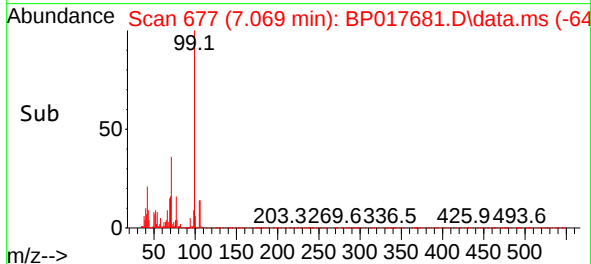
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion: 77 Resp: 2094
Ion Ratio Lower Upper
77 100
105 88.3 74.9 112.3
106 85.5 72.2 108.2

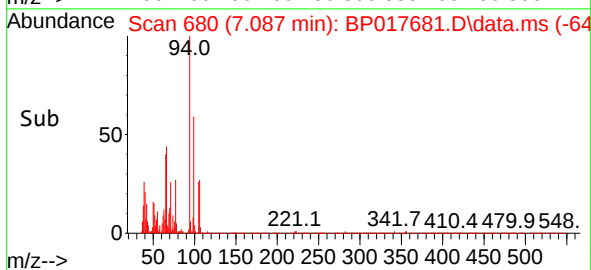
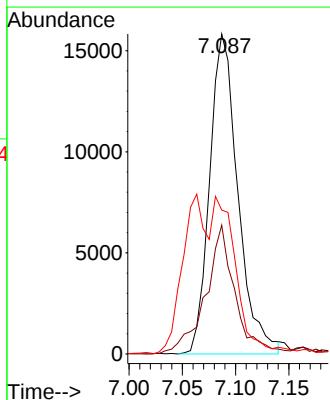
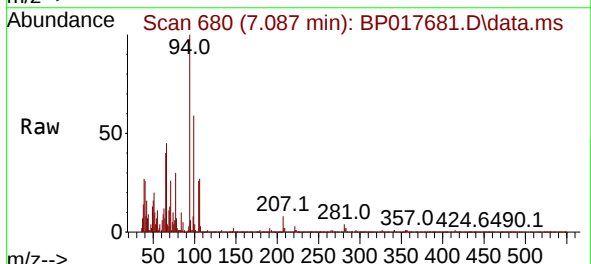
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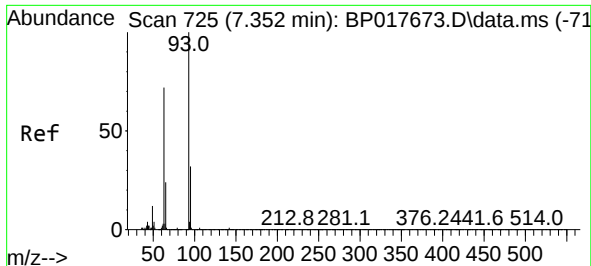
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 4.086 ng/ul
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

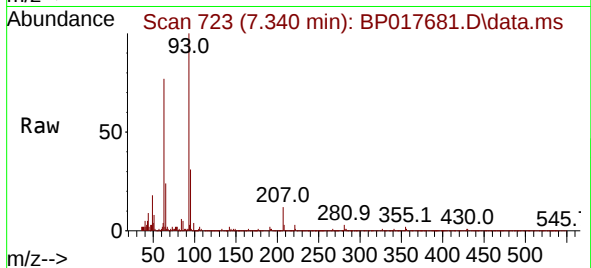
Tgt Ion: 94 Resp: 29256
Ion Ratio Lower Upper
94 100
65 40.3 24.2 36.4#
66 44.9 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.335 ng/ul
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

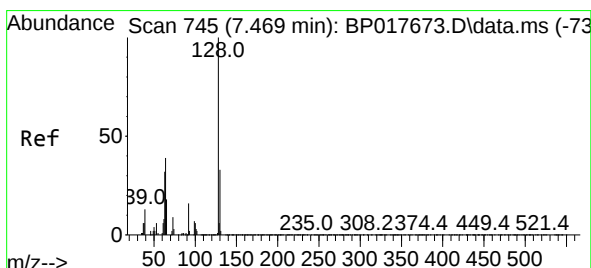
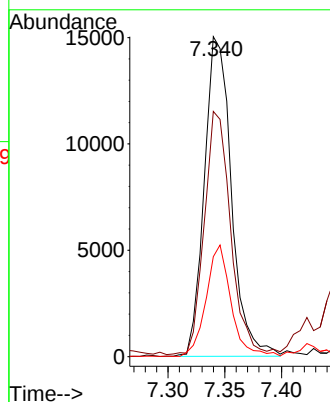
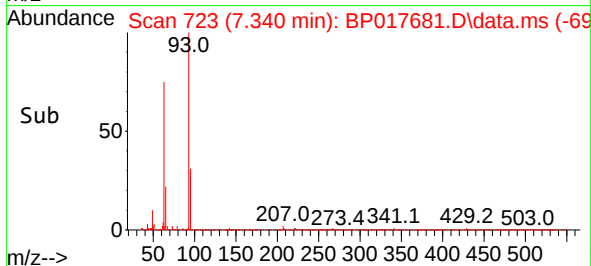
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 93 Resp: 2490
Ion Ratio Lower Upper
93 100
63 76.6 59.4 89.2
95 31.2 25.3 37.9

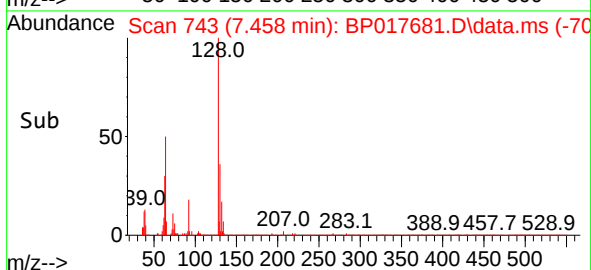
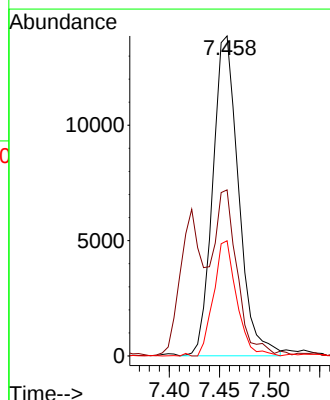
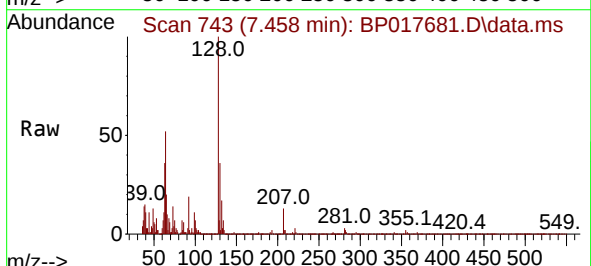
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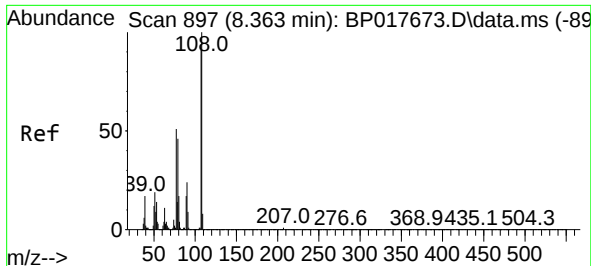
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 4.465 ng/ul
RT: 7.458 min Scan# 743
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:128 Resp: 24910
Ion Ratio Lower Upper
128 100
64 51.9 36.9 55.3
130 36.0 25.8 38.8





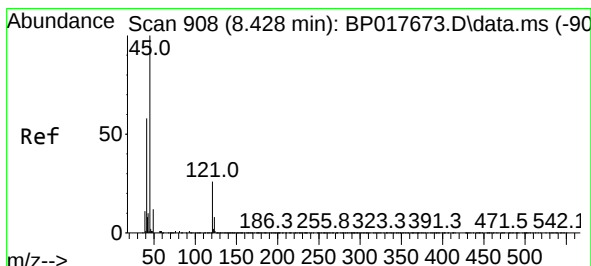
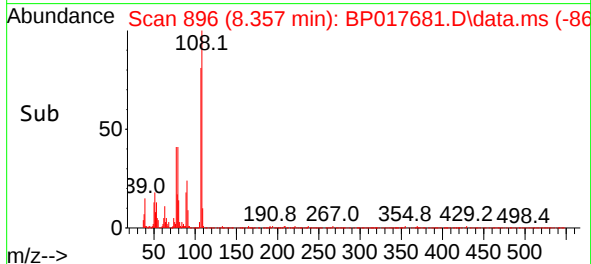
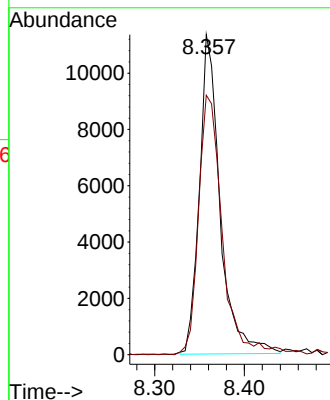
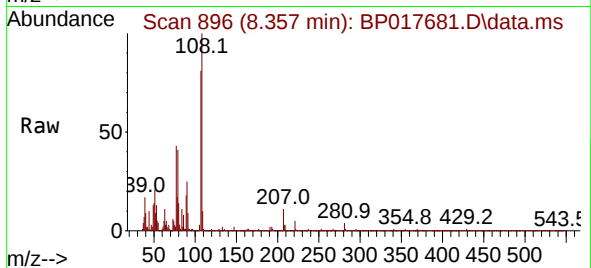
#13
2-Methylphenol
Concen: 3.395 ng/ul
RT: 8.357 min Scan# 897
Delta R.T. -0.000 min
Lab File: BP017681.D
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Tgt Ion:108 Resp: 1809
Ion Ratio Lower Upper
108 100
107 81.1 70.2 105.2

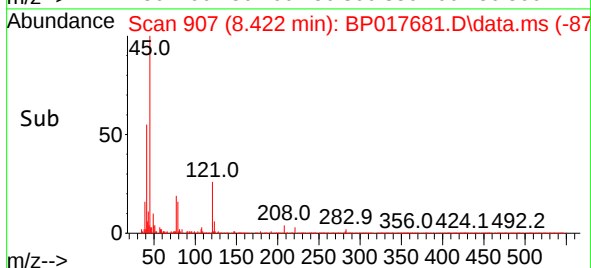
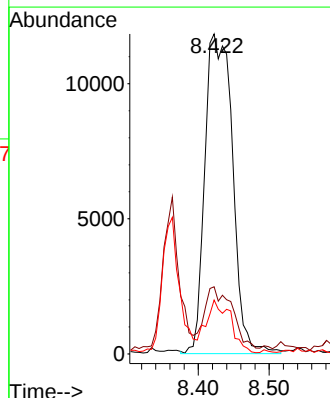
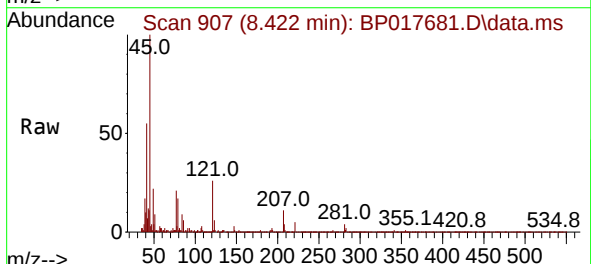
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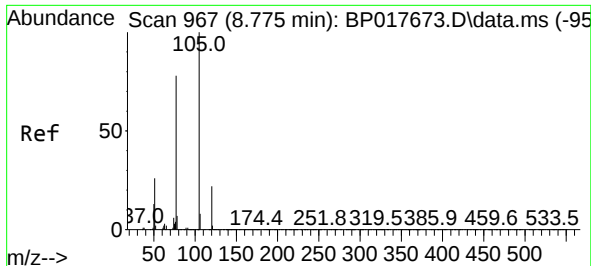
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.330 ng/ul m
RT: 8.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

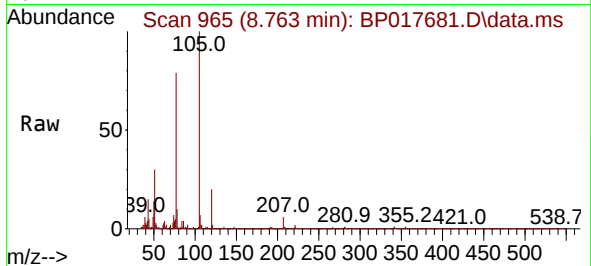
Tgt Ion: 45 Resp: 32091
Ion Ratio Lower Upper
45 100
77 21.0 13.0 19.6#
79 16.8 9.5 14.3#





#16
Acetophenone
Concen: 4.126 ng/ul
RT: 8.763 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP017681.D
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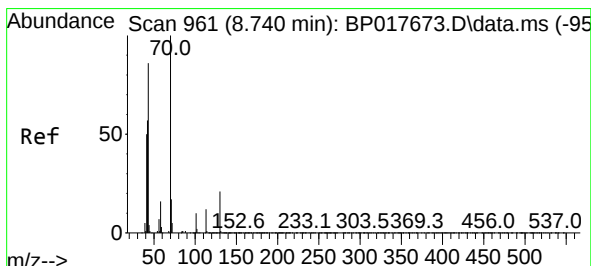
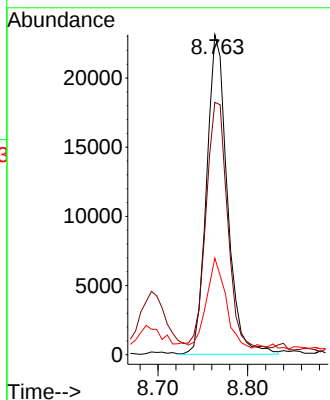
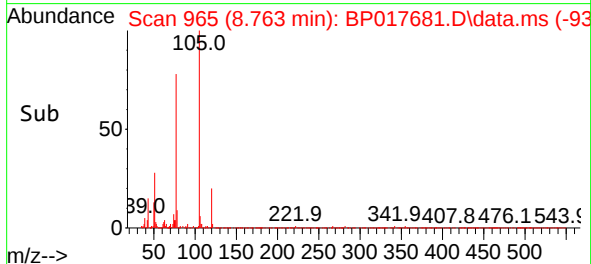
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:105 Resp: 3698
Ion Ratio Lower Upper
105 100
77 78.9 64.3 96.5
51 30.1 22.6 33.8

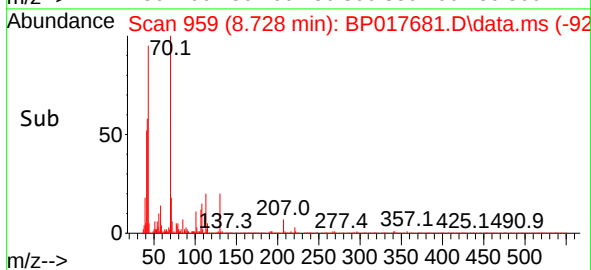
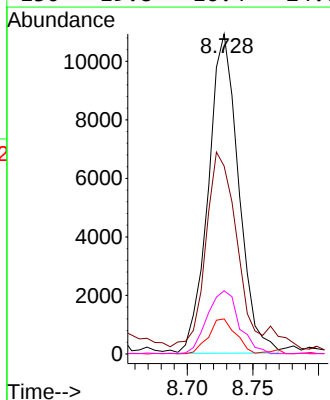
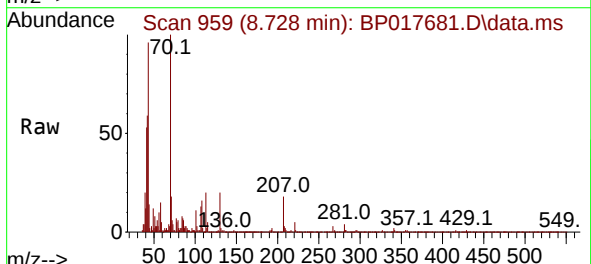
Manual Integrations
APPROVED

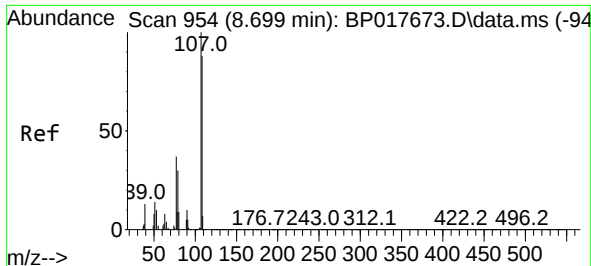
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.867 ng/ul
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion: 70 Resp: 17548
Ion Ratio Lower Upper
70 100
42 58.7 46.6 70.0
101 10.9 7.8 11.6
130 19.8 16.4 24.6





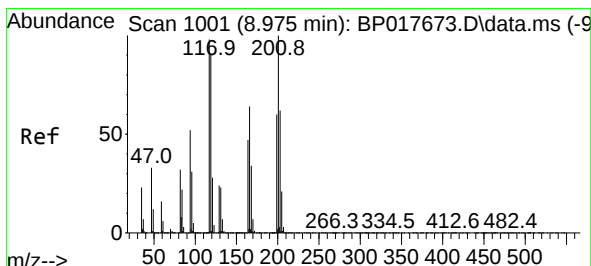
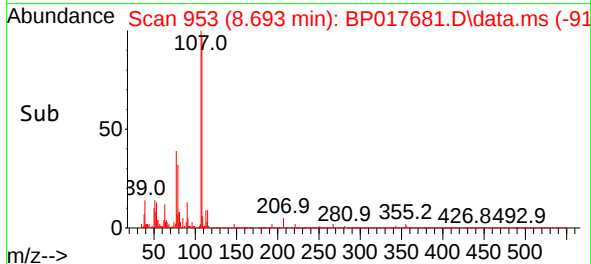
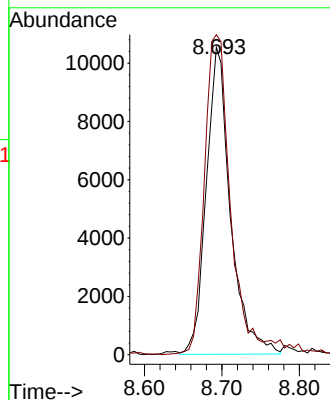
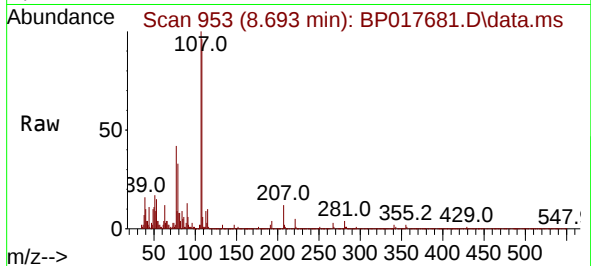
#18
4-Methylphenol
Concen: 3.941 ng/ul
RT: 8.693 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:108 Resp: 2283
Ion Ratio Lower Upper
108 100
107 104.0 89.4 134.2

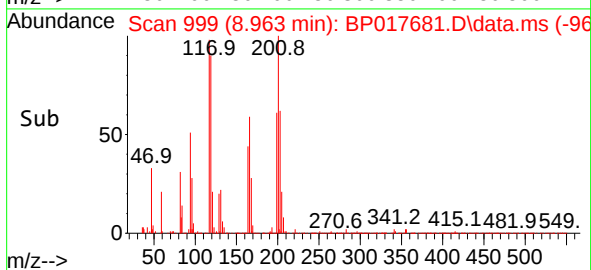
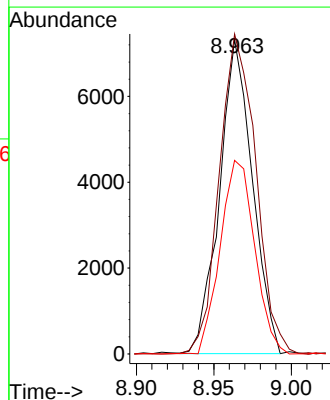
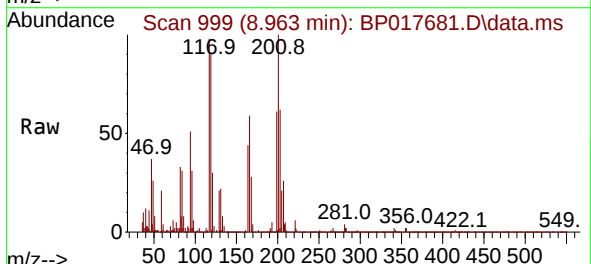
Manual Integrations
APPROVED

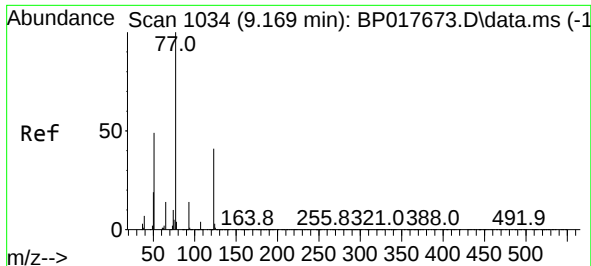
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 4.340 ng/ul
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:117 Resp: 10816
Ion Ratio Lower Upper
117 100
201 103.7 85.4 128.2
199 62.4 53.7 80.5





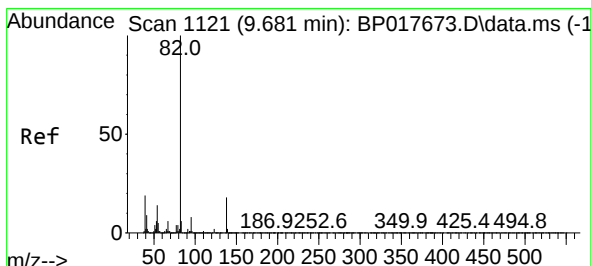
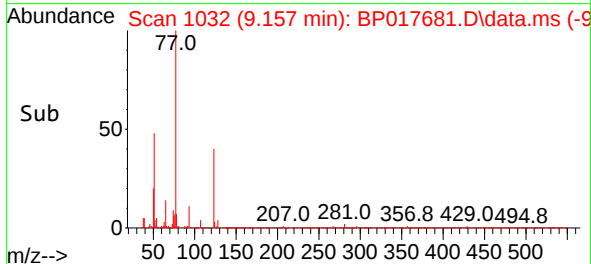
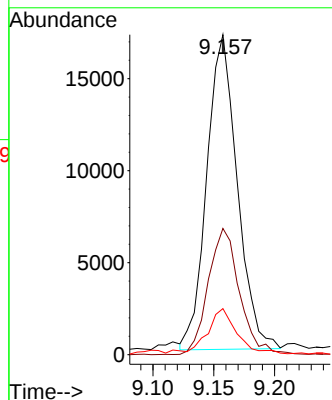
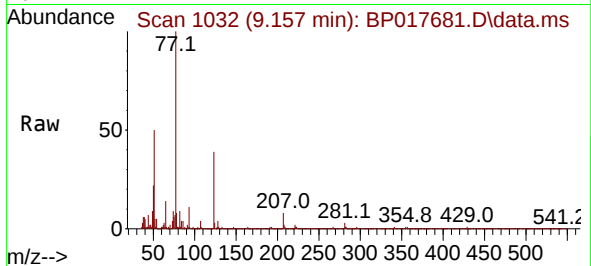
#22
Nitrobenzene
Concen: 4.648 ng/ul
RT: 9.157 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion: 77	Resp: 2978
Ion Ratio	Lower Upper
77 100	
123 39.5	33.8 50.6
65 14.4	10.6 16.0

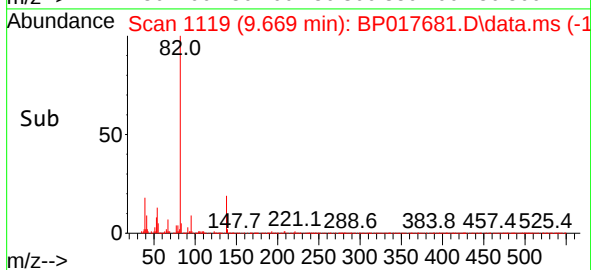
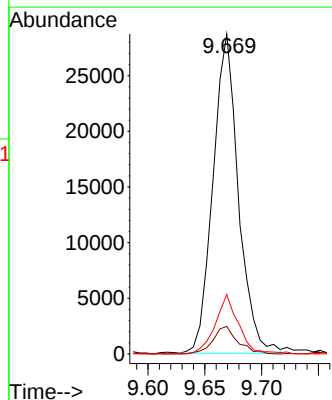
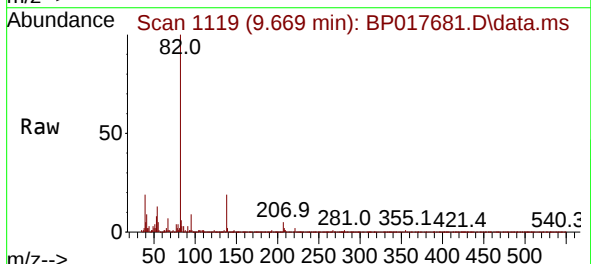
Manual Integrations
APPROVED

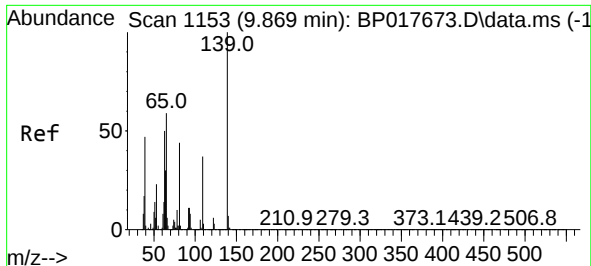
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#23
Isophorone
Concen: 3.864 ng/ul
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

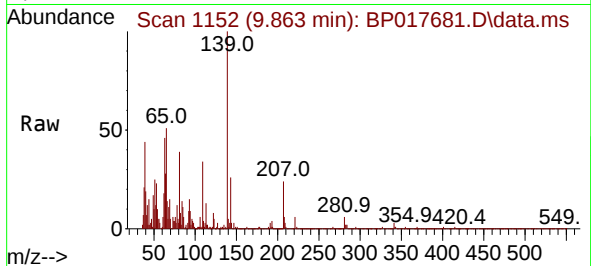
Tgt Ion: 82	Resp: 44639
Ion Ratio	Lower Upper
82 100	
95 8.6	6.0 9.0
138 18.6	13.9 20.9





#25
2-Nitrophenol
Concen: 4.274 ng/ul
RT: 9.863 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

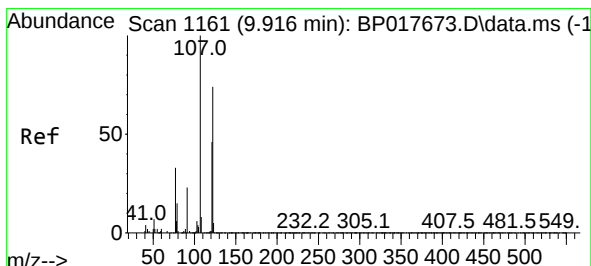
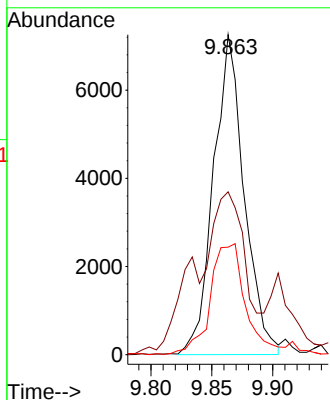
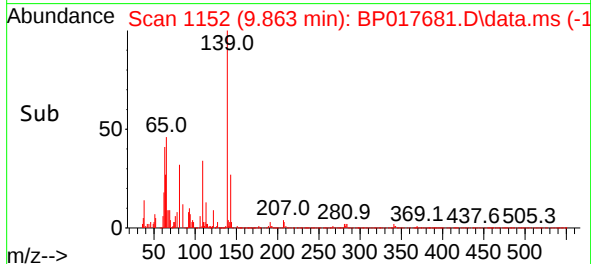
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



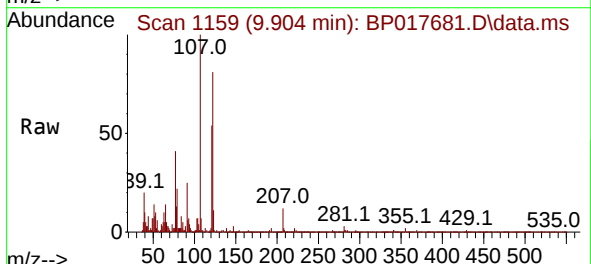
Tgt Ion:139 Resp: 12750
Ion Ratio Lower Upper
139 100
65 50.9 43.4 65.2
109 33.6 28.1 42.1

Manual Integrations
APPROVED

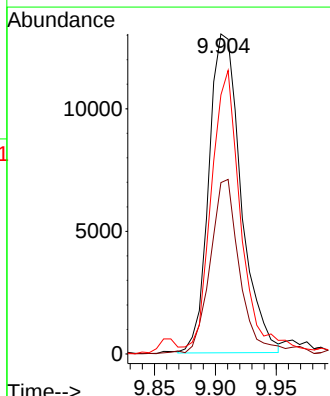
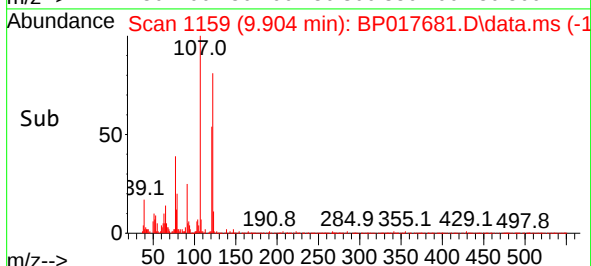
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

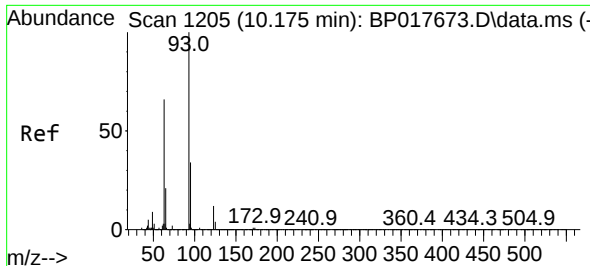


#26
2,4-Dimethylphenol
Concen: 4.029 ng/ul
RT: 9.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31



Tgt Ion:107 Resp: 23895
Ion Ratio Lower Upper
107 100
121 53.6 37.6 56.4
122 81.0 67.0 100.6





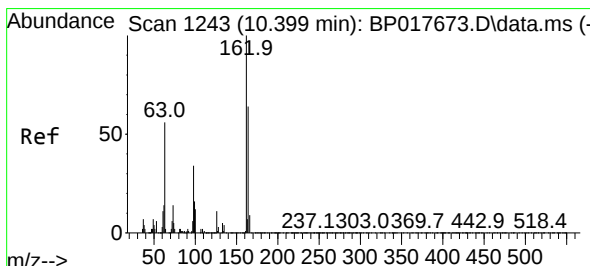
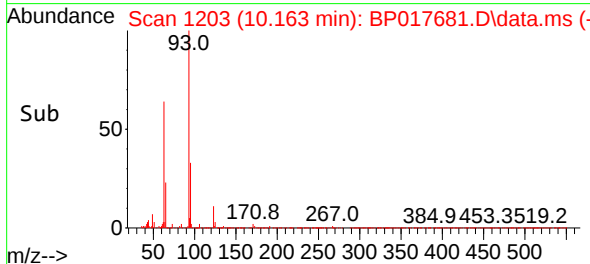
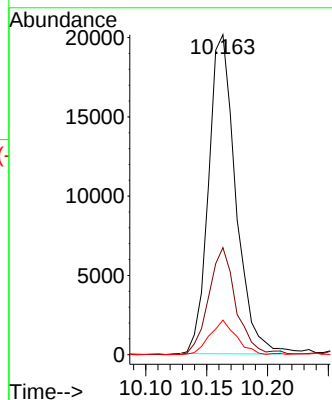
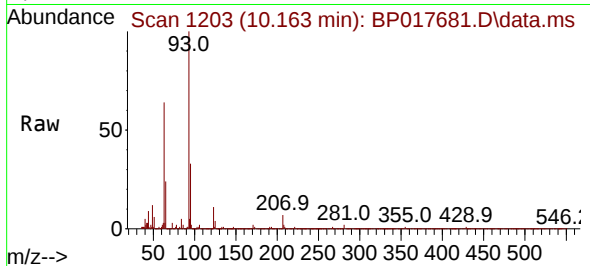
#27
Bis(2-Chloroethoxy)methane
Concen: 4.421 ng/ul
RT: 10.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion: 93 Resp: 31208
Ion Ratio Lower Upper
93 100
95 33.5 25.9 38.9
123 10.8 8.8 13.2

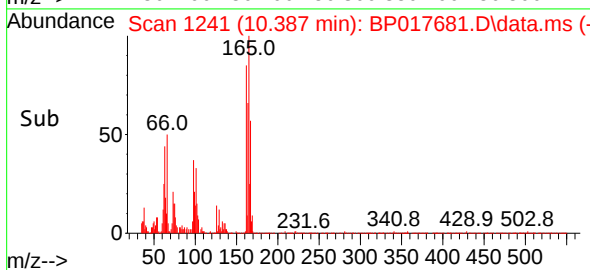
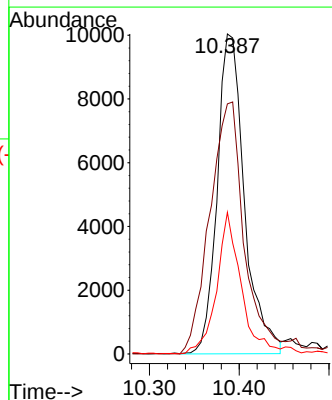
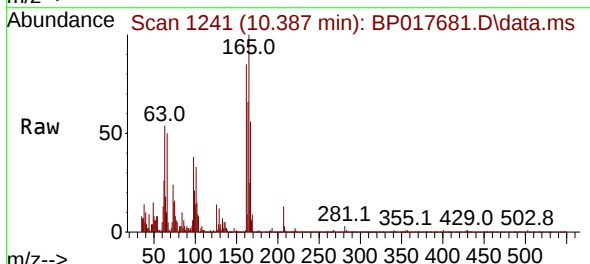
Manual Integrations
APPROVED

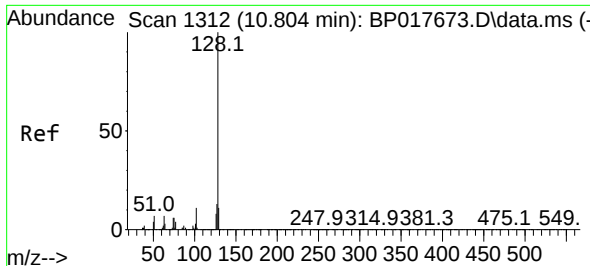
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#29
2,4-Dichlorophenol
Concen: 4.163 ng/ul
RT: 10.387 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:162 Resp: 21181
Ion Ratio Lower Upper
162 100
164 78.1 50.5 75.7#
98 44.3 27.8 41.8#





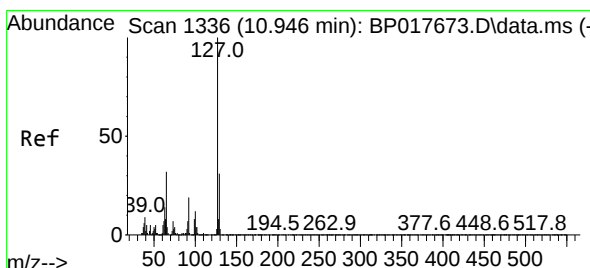
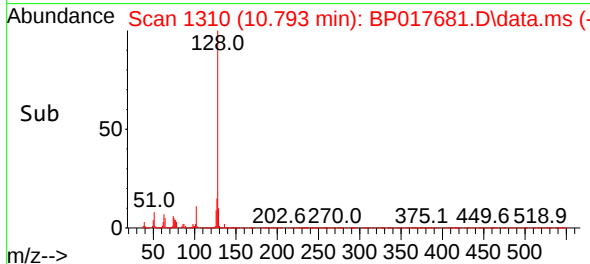
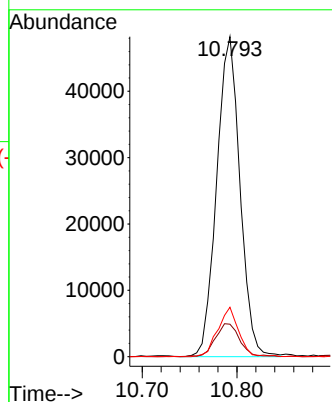
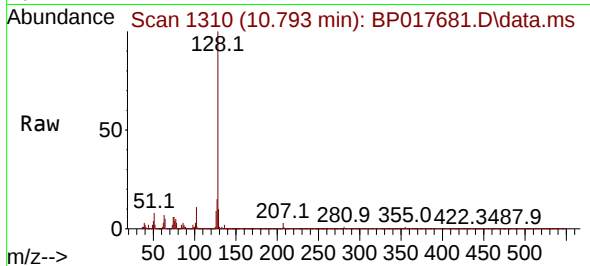
#30
Naphthalene
Concen: 4.779 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:128 Resp: 82512
Ion Ratio Lower Upper
128 100
129 10.2 8.9 13.3
127 15.4 10.5 15.7

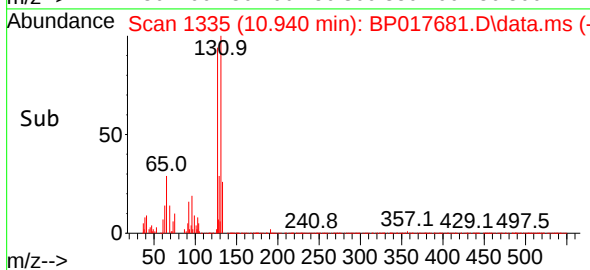
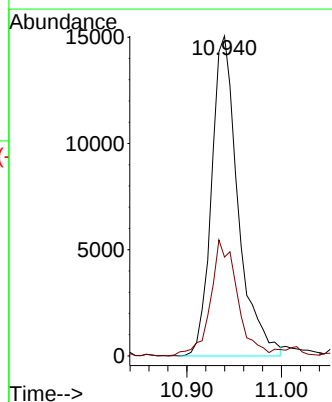
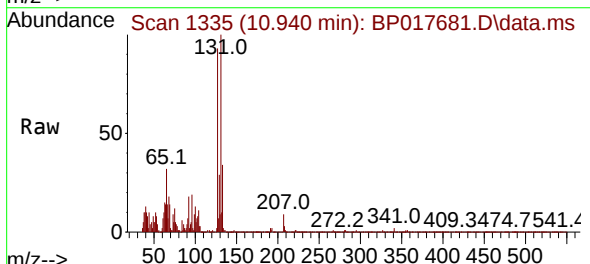
Manual Integrations
APPROVED

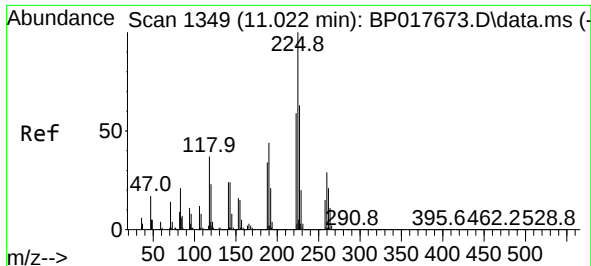
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 4.051 ng/ul
RT: 10.940 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

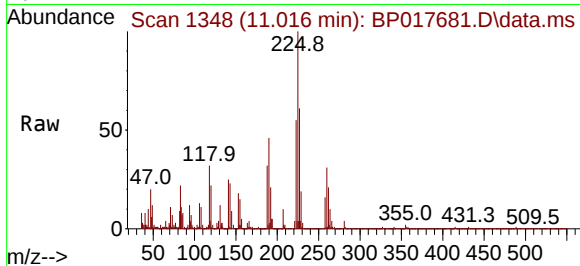
Tgt Ion:127 Resp: 29277
Ion Ratio Lower Upper
127 100
129 30.9 26.6 40.0





#33
Hexachlorobutadiene
Concen: 4.729 ng/ul
RT: 11.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

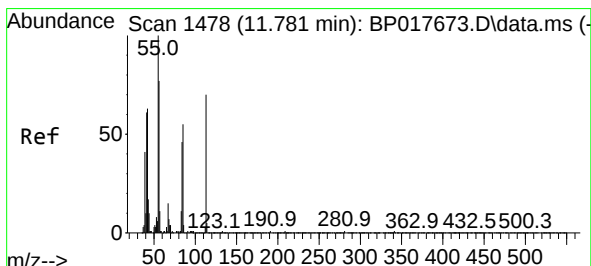
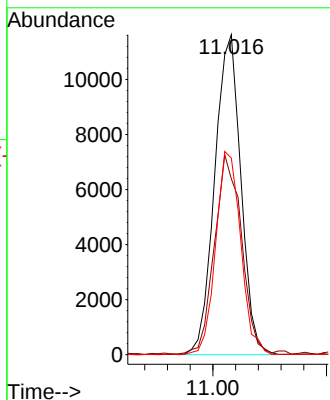
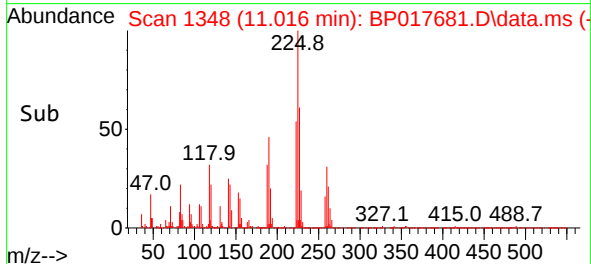
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:225 Resp: 18604
Ion Ratio Lower Upper
225 100
223 54.9 50.2 75.2
227 65.1 51.0 76.4

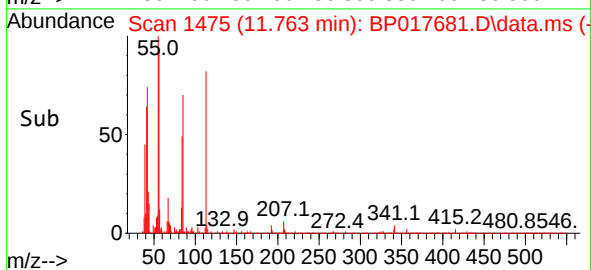
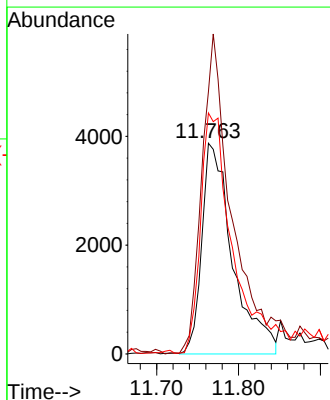
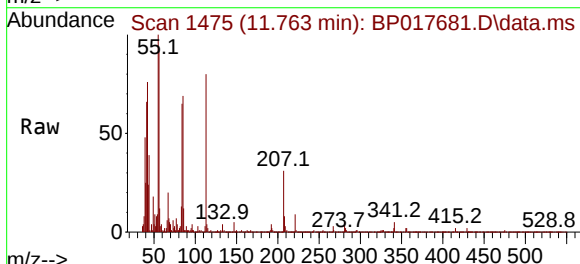
Manual Integrations
APPROVED

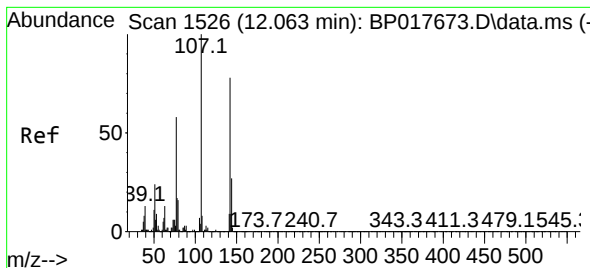
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Caprolactam
Concen: 6.527 ng/ul m
RT: 11.763 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:113 Resp: 10157
Ion Ratio Lower Upper
113 100
55 124.5 126.9 190.3#
56 114.3 97.9 146.9





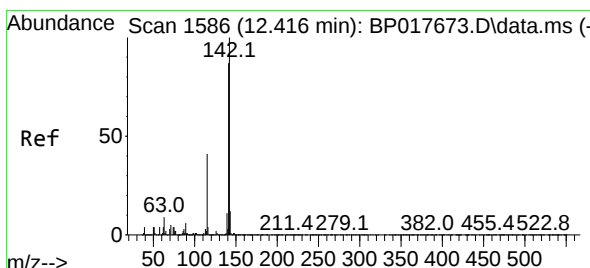
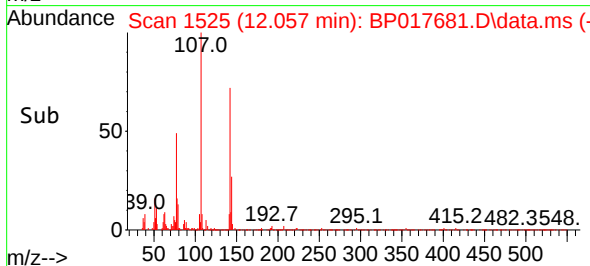
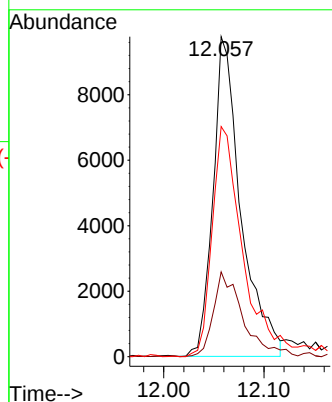
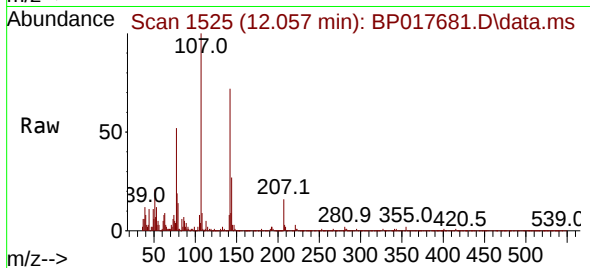
#35
4-Chloro-3-methylphenol
Concen: 3.523 ng/ul
RT: 12.057 min Scan# 1526
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:107 Resp: 18908
Ion Ratio Lower Upper
107 100
144 26.5 20.1 30.1
142 71.9 63.3 94.9

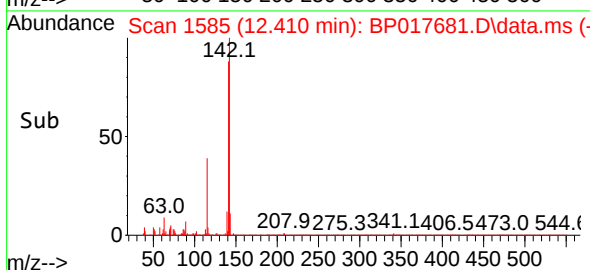
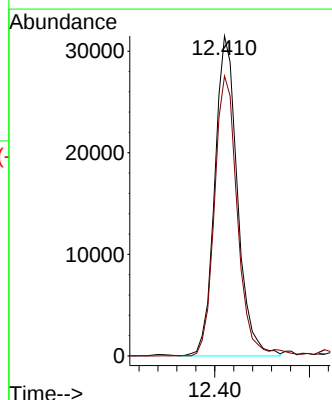
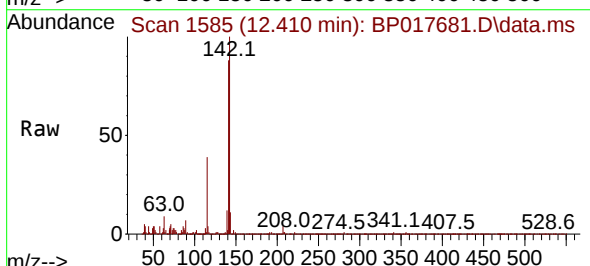
Manual Integrations
APPROVED

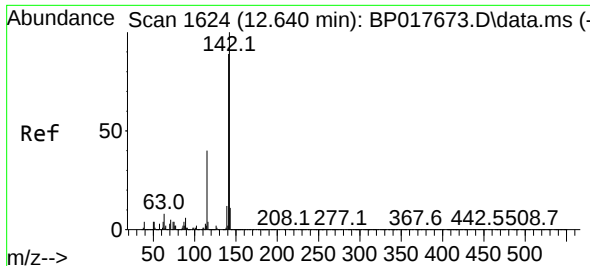
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 4.430 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

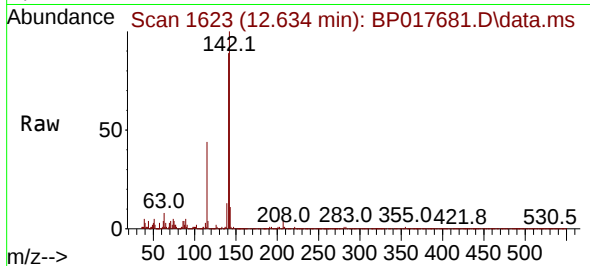
Tgt Ion:142 Resp: 52387
Ion Ratio Lower Upper
142 100
141 87.5 72.8 109.2





#37
1-Methylnaphthalene
Concen: 4.591 ng/ul
RT: 12.634 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

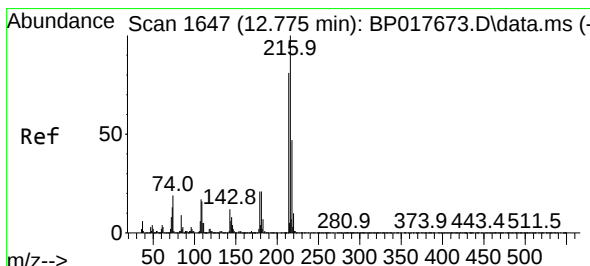
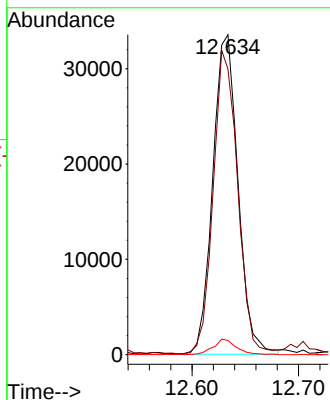
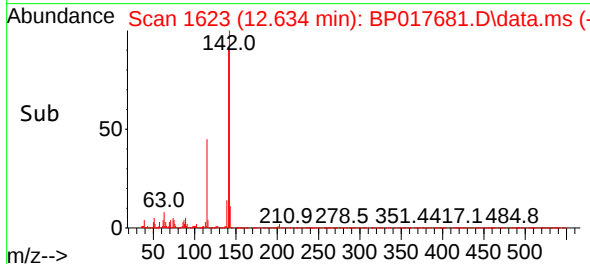
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



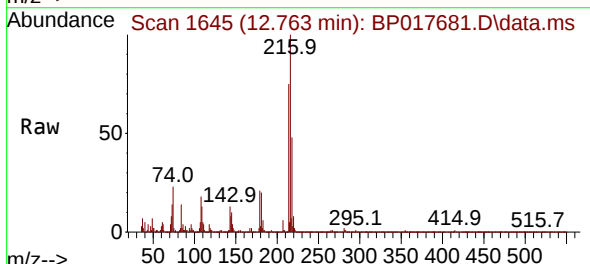
Tgt Ion:142 Resp: 5510
Ion Ratio Lower Upper
142 100
141 89.3 74.3 111.5
116 4.5 3.3 4.9

Manual Integrations
APPROVED

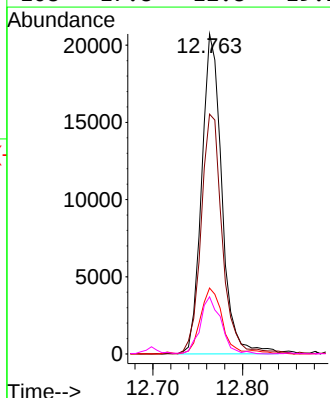
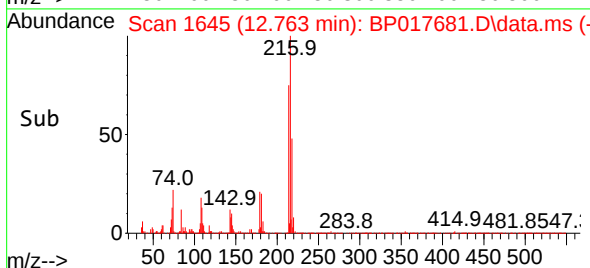
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

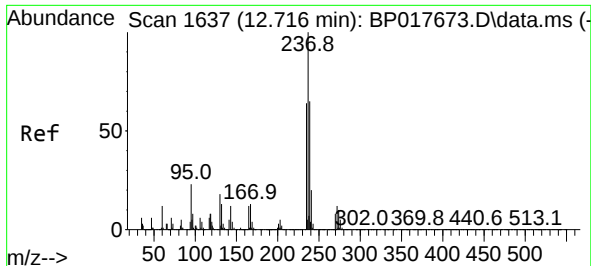


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.712 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31



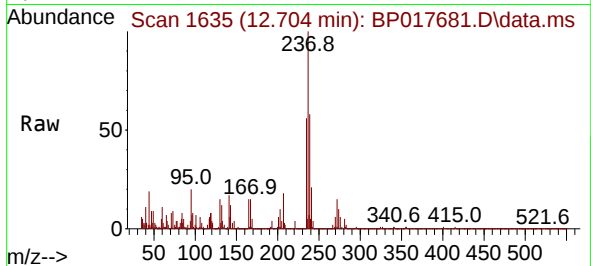
Tgt Ion:216 Resp: 32395
Ion Ratio Lower Upper
216 100
214 75.0 59.8 89.8
179 20.6 16.6 25.0
108 17.8 12.8 19.2





#40
Hexachlorocyclopentadiene
Concen: 3.548 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

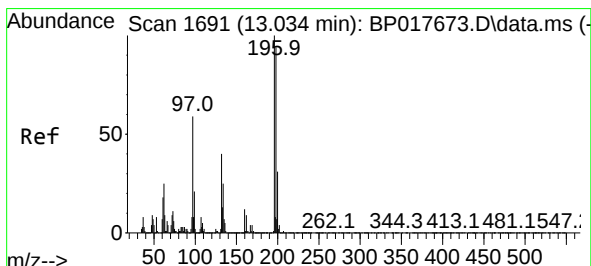
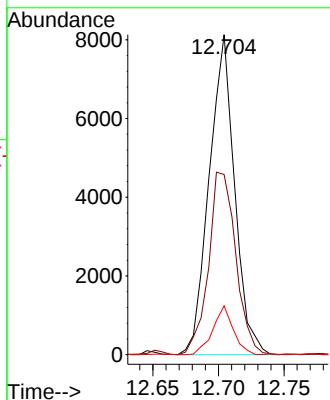
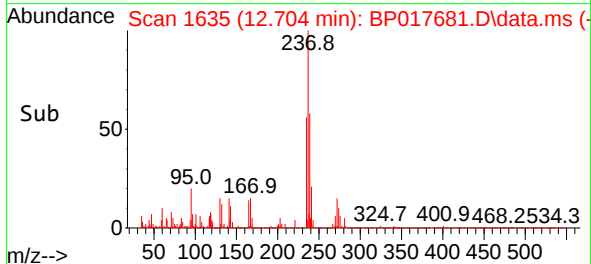
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



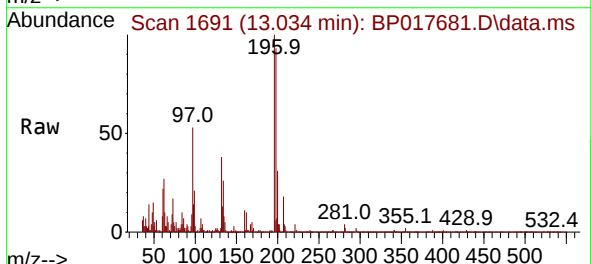
Tgt Ion:237 Resp: 10958
Ion Ratio Lower Upper
237 100
235 56.3 50.4 75.6
272 15.3 11.3 16.9

Manual Integrations
APPROVED

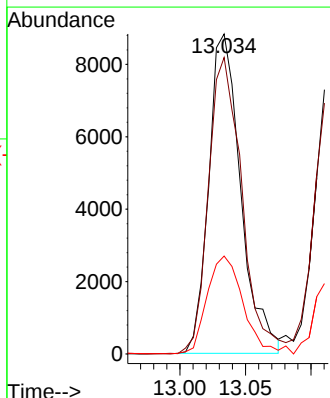
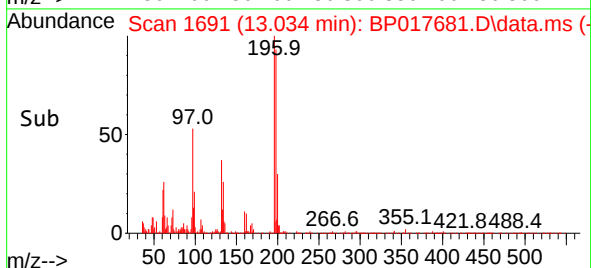
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

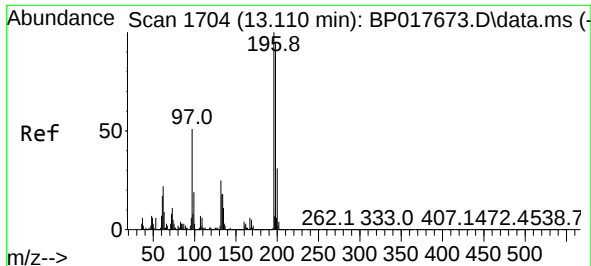


#41
2,4,6-Trichlorophenol
Concen: 3.538 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31



Tgt Ion:196 Resp: 14978
Ion Ratio Lower Upper
196 100
198 92.6 77.3 115.9
200 30.6 25.4 38.2





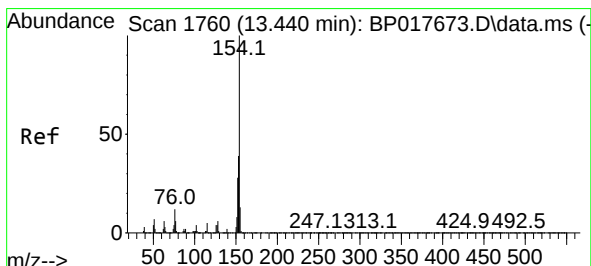
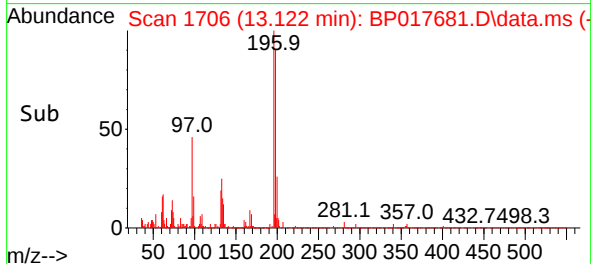
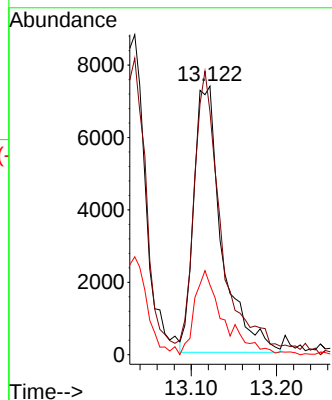
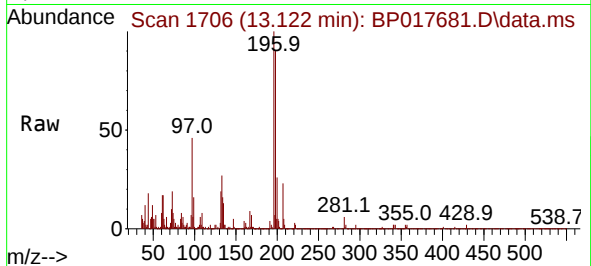
#42
2,4,5-Trichlorophenol
Concen: 3.761 ng/ul m
RT: 13.122 min Scan# 1759
Delta R.T. 0.024 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.5	73.0	109.4
200	26.0	23.9	35.9

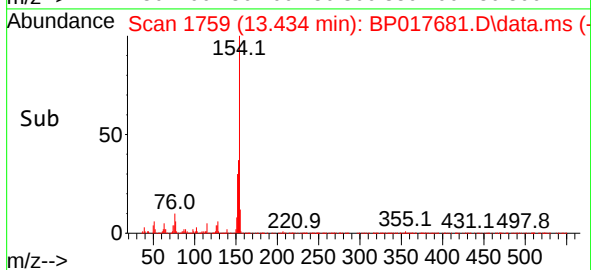
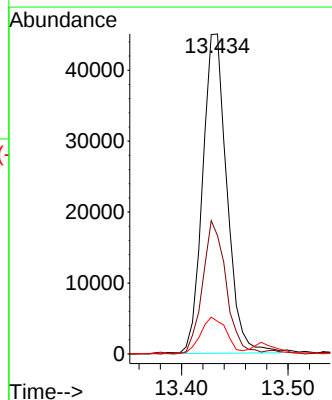
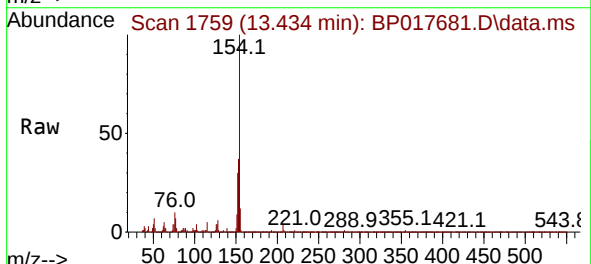
Manual Integrations
APPROVED

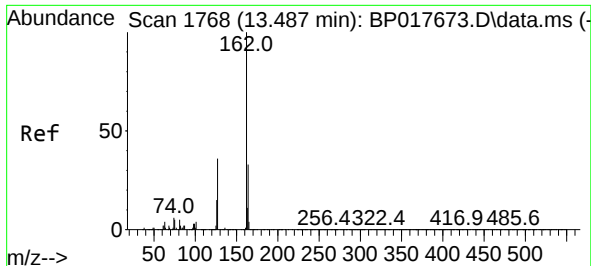
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#43
1,1'-Biphenyl
Concen: 4.628 ng/ul
RT: 13.434 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.0	32.5	48.7
76	10.2	10.4	15.6





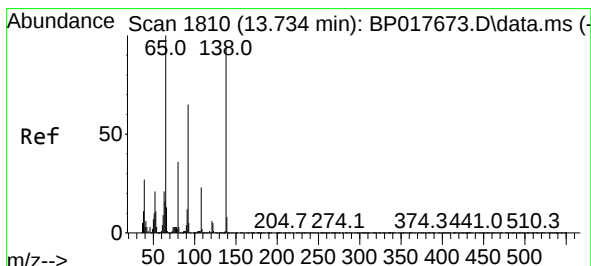
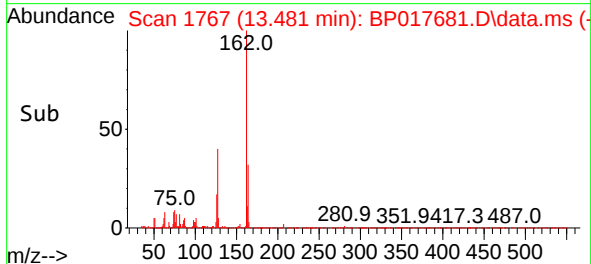
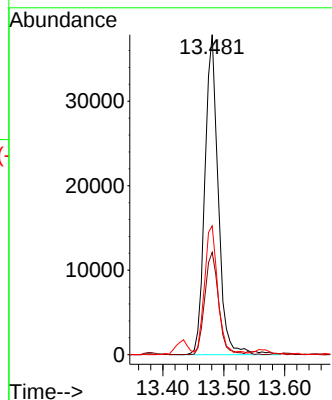
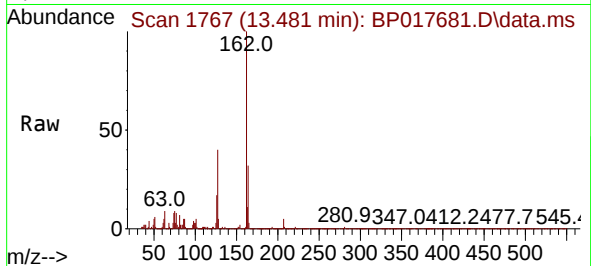
#44
2-Chloronaphthalene
Concen: 4.689 ng/ul
RT: 13.481 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion:162 Resp: 57930
Ion Ratio Lower Upper
162 100
164 32.0 26.5 39.7
127 40.2 31.4 47.0

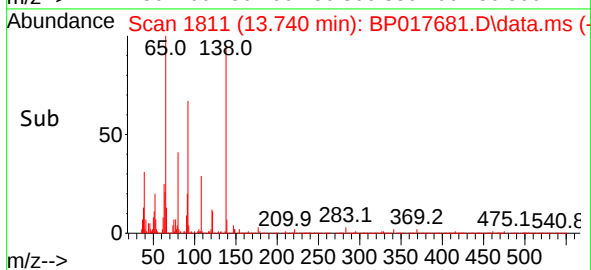
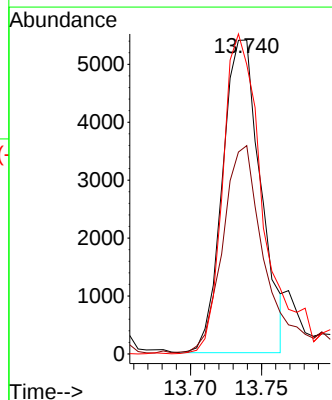
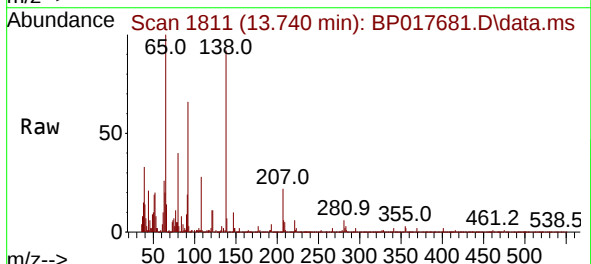
Manual Integrations
APPROVED

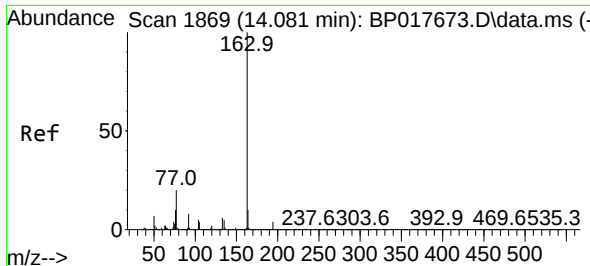
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#45
2-Nitroaniline
Concen: 2.953 ng/ul
RT: 13.740 min Scan# 1811
Delta R.T. 0.012 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion: 65 Resp: 10087
Ion Ratio Lower Upper
65 100
92 66.4 55.3 82.9
138 92.2 82.8 124.2





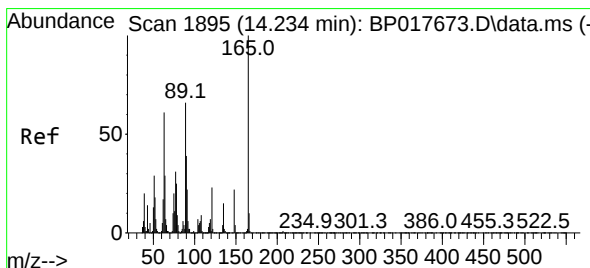
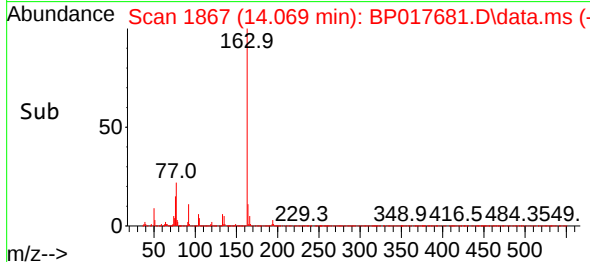
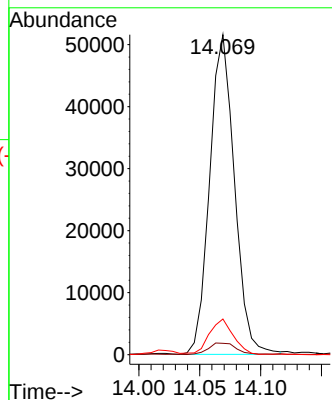
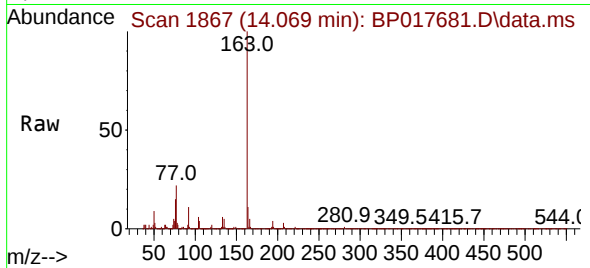
#47
Dimethylphthalate
Concen: 4.535 ng/ul
RT: 14.069 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion:163 Resp: 7308
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 11.1 8.0 12.0

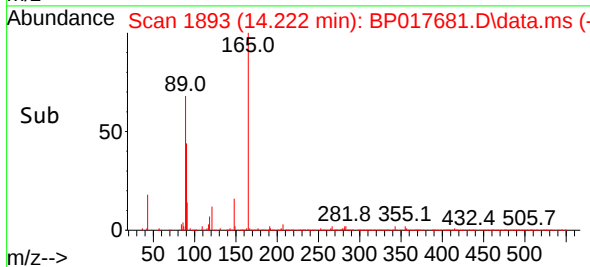
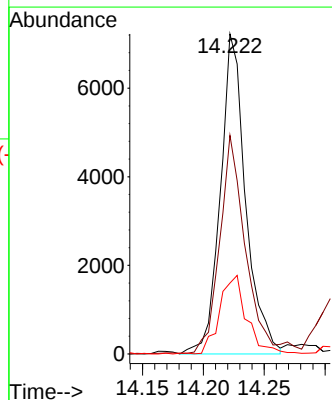
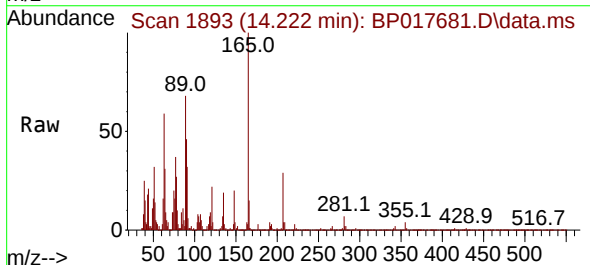
Manual Integrations
APPROVED

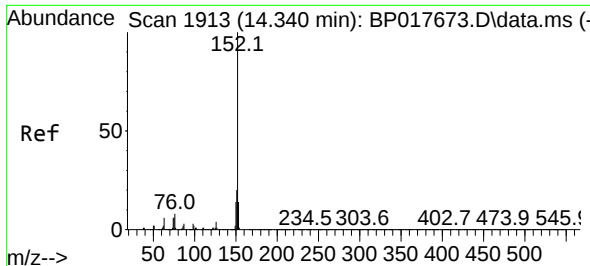
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#48
2,6-Dinitrotoluene
Concen: 3.506 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

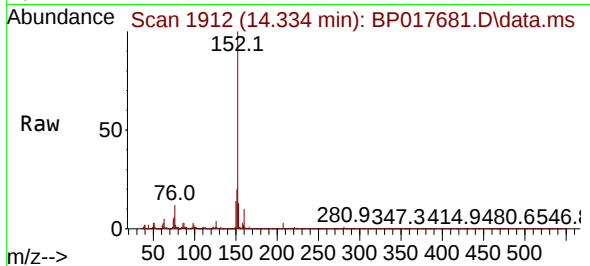
Tgt Ion:165 Resp: 10458
Ion Ratio Lower Upper
165 100
89 68.3 49.0 73.4
121 22.1 16.5 24.7





#50
Acenaphthylene
Concen: 4.670 ng/ul
RT: 14.334 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

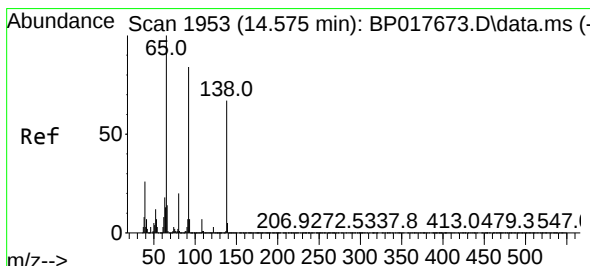
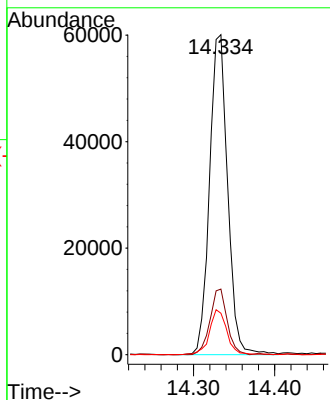
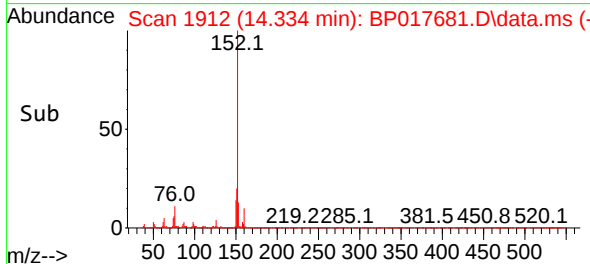
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



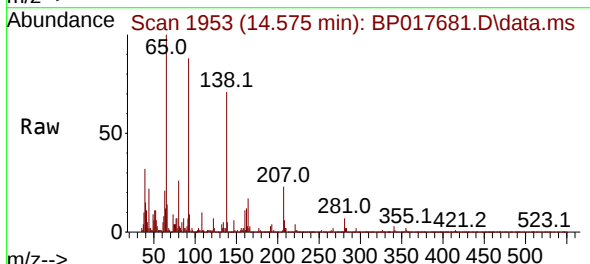
Tgt Ion:152 Resp: 92844
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.0 10.5 15.7

Manual Integrations
APPROVED

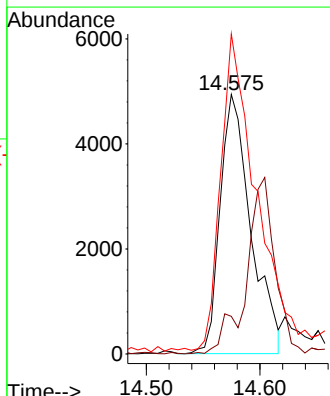
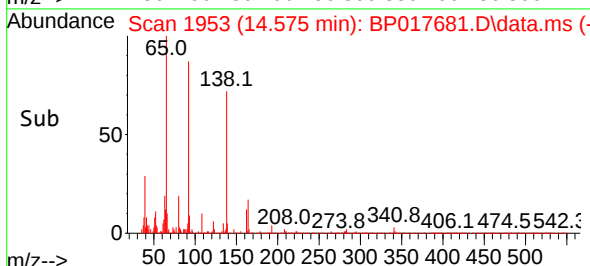
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

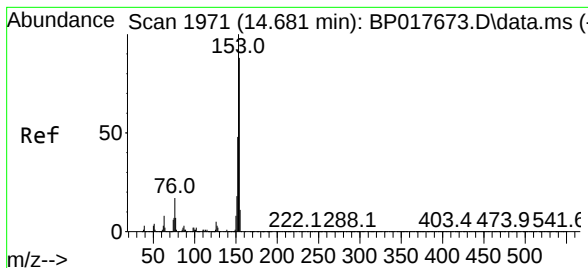


#51
3-Nitroaniline
Concen: 3.089 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. 0.012 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31



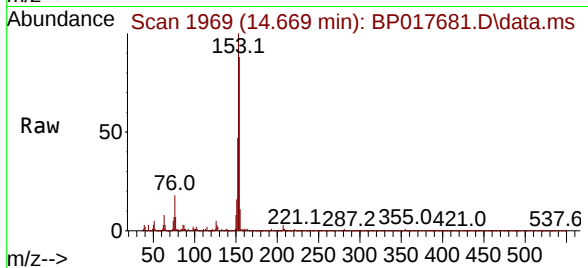
Tgt Ion:138 Resp: 9292
Ion Ratio Lower Upper
138 100
108 14.5 8.2 12.2#
92 123.3 99.0 148.6





#52
Acenaphthene
Concen: 4.676 ng/ul
RT: 14.669 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

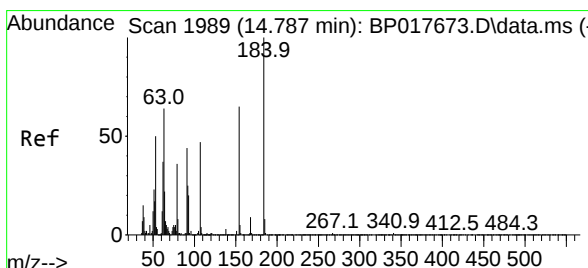
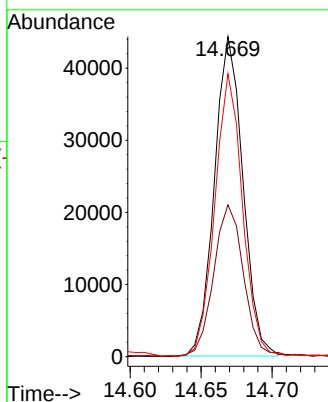
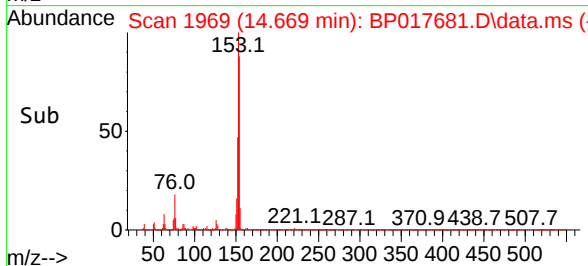
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



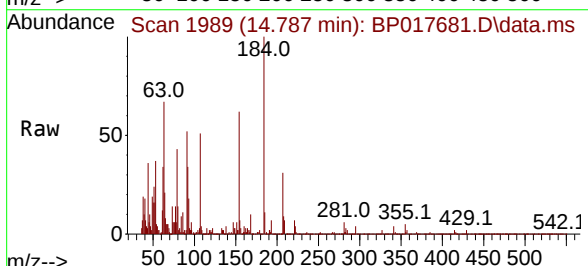
Tgt Ion:153 Resp: 6183
Ion Ratio Lower Upper
153 100
152 47.4 38.9 58.3
154 88.4 71.6 107.4

Manual Integrations
APPROVED

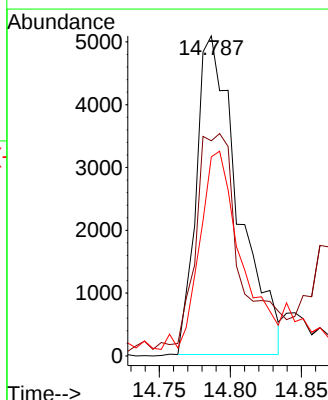
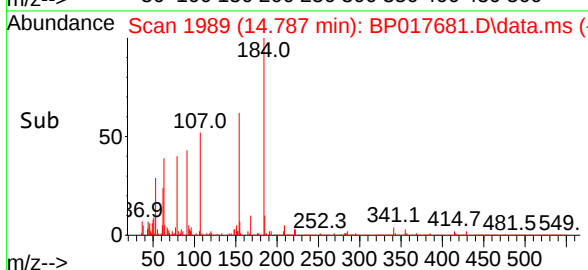
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

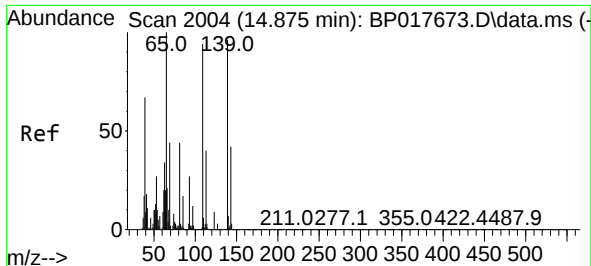


#53
2,4-Dinitrophenol
Concen: 5.669 ng/ul
RT: 14.787 min Scan# 1989
Delta R.T. 0.012 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31



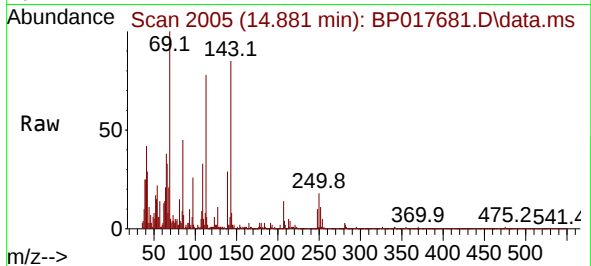
Tgt Ion:184 Resp: 10442
Ion Ratio Lower Upper
184 100
63 67.3 61.4 92.0
154 62.2 54.8 82.2





#55
4-Nitrophenol
Concen: 4.252 ng/ul
RT: 14.881 min Scan# 2004
Delta R.T. 0.018 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

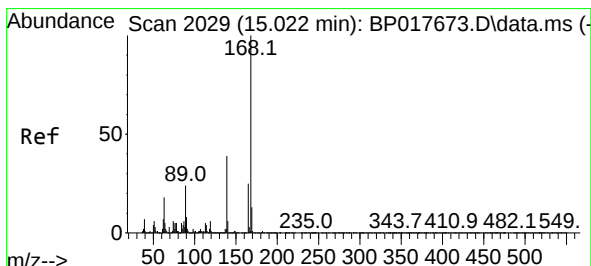
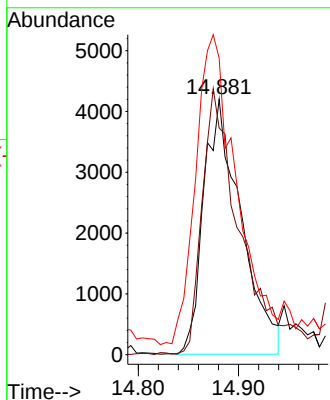
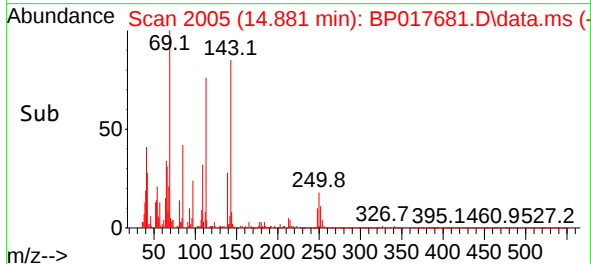
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:109 Resp: 10874
Ion Ratio Lower Upper
109 100
139 88.7 90.5 135.7
65 116.1 95.7 143.5

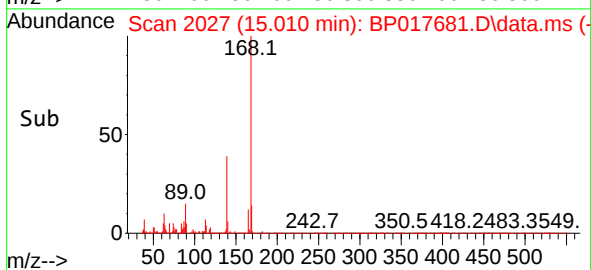
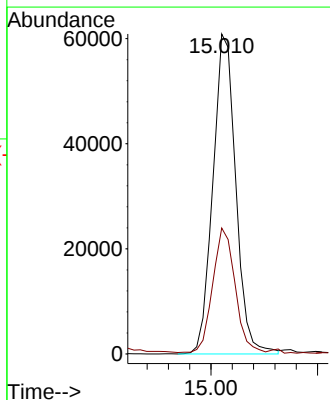
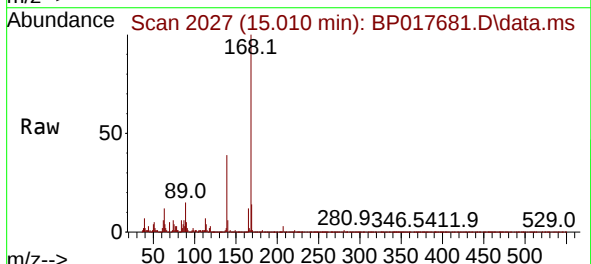
Manual Integrations
APPROVED

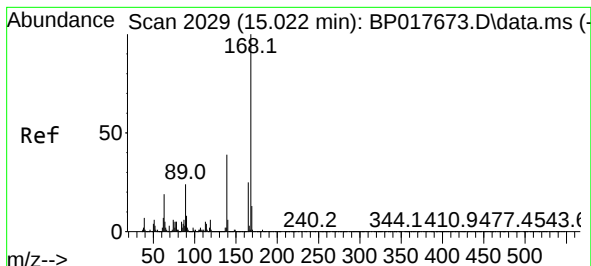
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 4.779 ng/ul
RT: 15.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:168 Resp: 90660
Ion Ratio Lower Upper
168 100
139 39.4 30.5 45.7





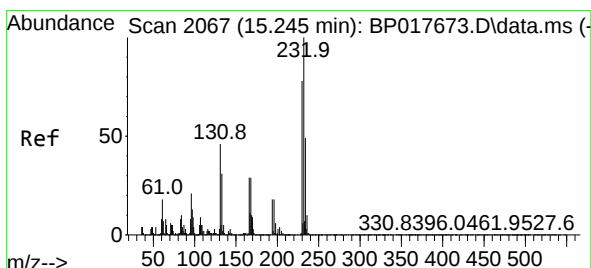
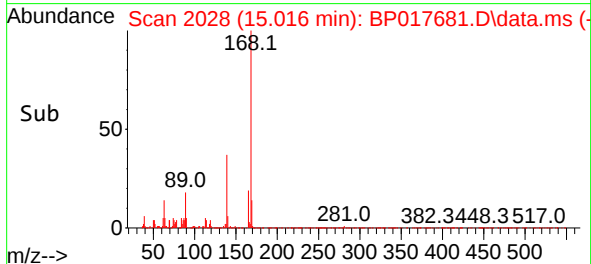
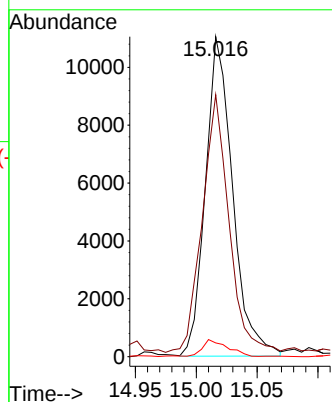
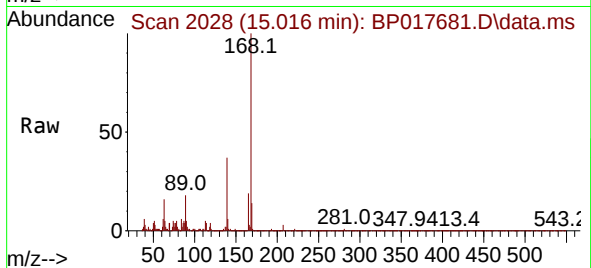
#57
2,4-Dinitrotoluene
Concen: 3.733 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:165 Resp: 1718
Ion Ratio Lower Upper
165 100
63 81.8 52.7 79.1
182 4.3 2.2 3.4

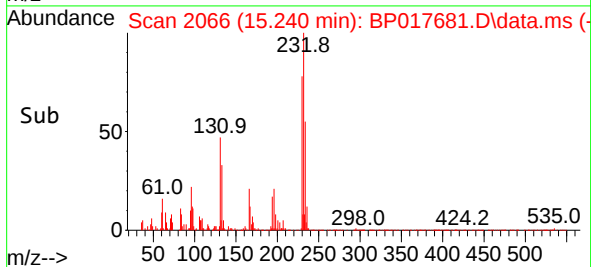
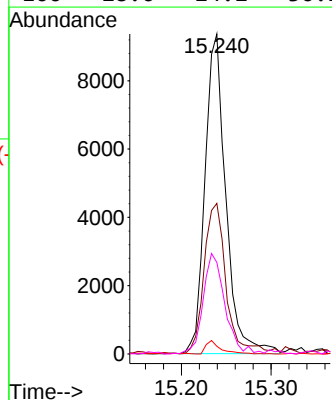
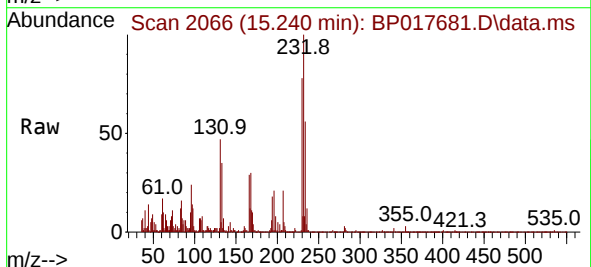
Manual Integrations
APPROVED

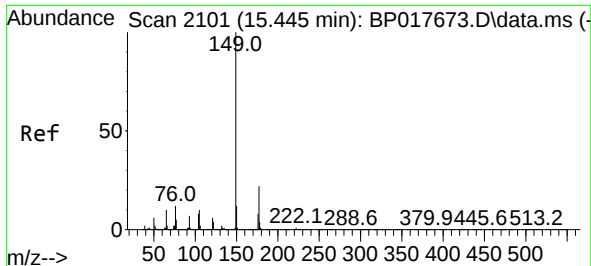
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.651 ng/ul
RT: 15.240 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

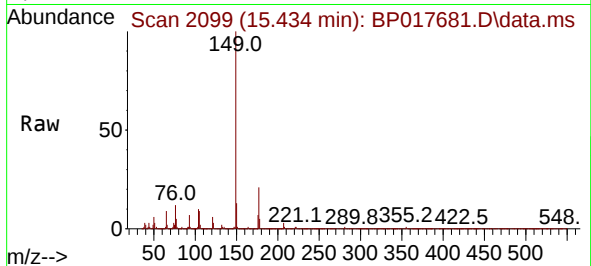
Tgt Ion:232 Resp: 15095
Ion Ratio Lower Upper
232 100
131 47.0 33.6 50.4
130 2.4 2.0 3.0
166 28.6 24.2 36.2





#59
Diethylphthalate
Concen: 4.297 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

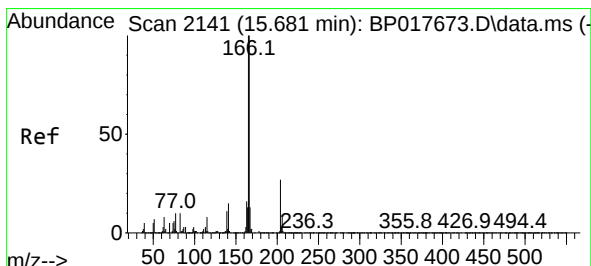
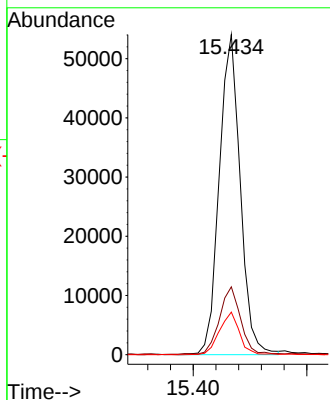
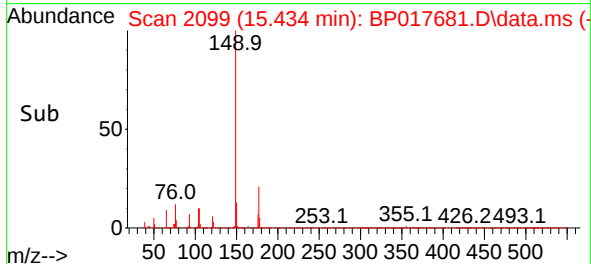
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



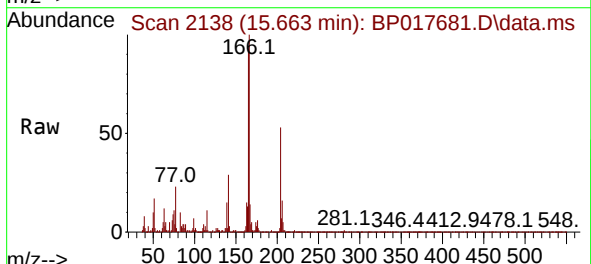
Tgt Ion:149 Resp: 69469
Ion Ratio Lower Upper
149 100
177 21.2 17.9 26.9
150 13.3 10.1 15.1

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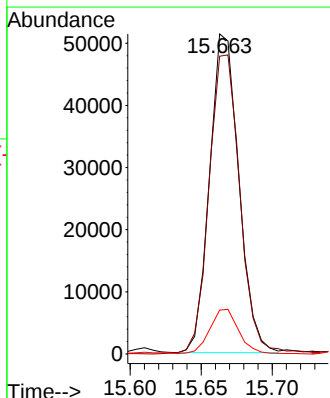
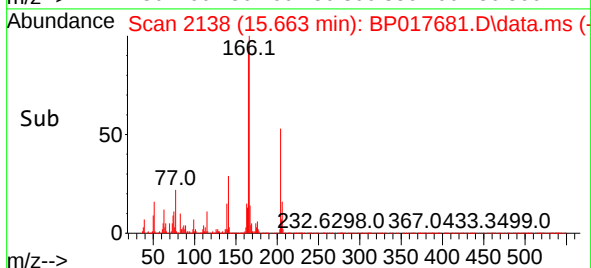
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

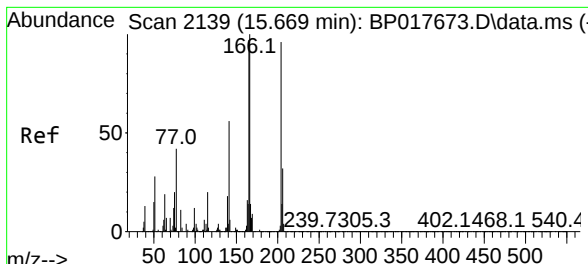


#61
Fluorene
Concen: 4.701 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31



Tgt Ion:166 Resp: 73523
Ion Ratio Lower Upper
166 100
165 93.0 79.6 119.4
167 13.7 11.1 16.7



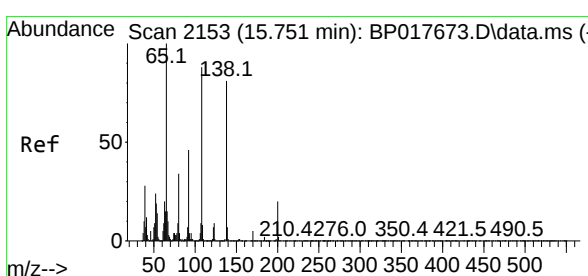
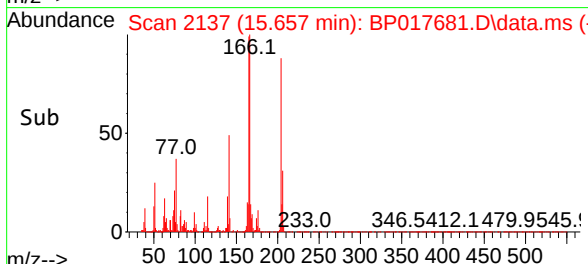
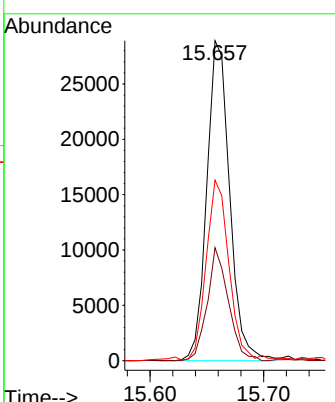
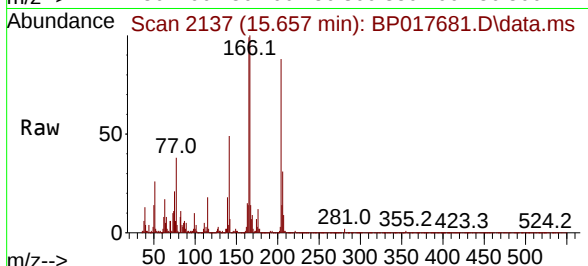


#62
 4-Chlorophenyl-phenylether
 Concen: 4.871 ng/ul
 RT: 15.657 min Scan# 2137
 Delta R.T. -0.006 min
 Lab File: BP017681.D
 Acq: 16 Oct 2023 14:31

Instrument : BNA_P
 ClientSampleId : MDL-MED-SOIL-QT3-2023-05

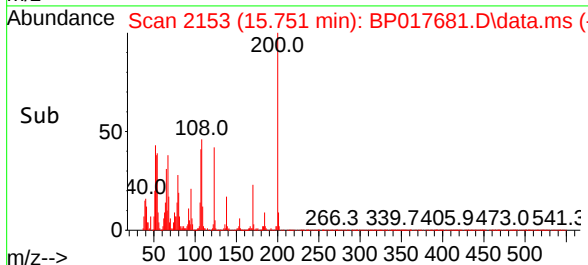
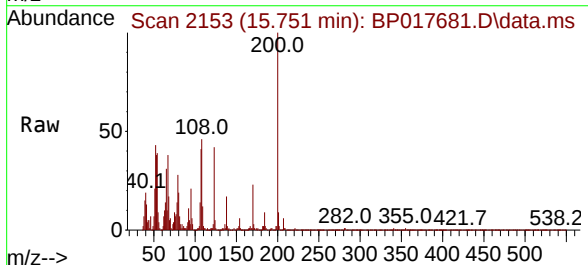
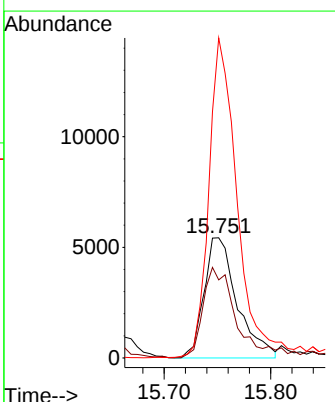
Tgt Ion:	204	Resp:	4050
Ion Ratio	Lower	Upper	
204	100		
206	35.3	26.6	40.0
141	56.4	43.9	65.9

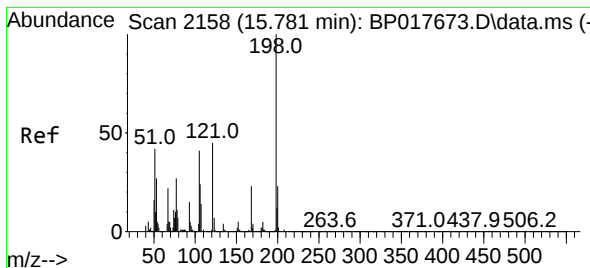
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#63
 4-Nitroaniline
 Concen: 3.928 ng/ul
 RT: 15.751 min Scan# 2153
 Delta R.T. 0.012 min
 Lab File: BP017681.D
 Acq: 16 Oct 2023 14:31

Tgt Ion:	138	Resp:	11743
Ion Ratio	Lower	Upper	
138	100		
92	65.0	43.0	64.6
108	266.3	82.2	123.4





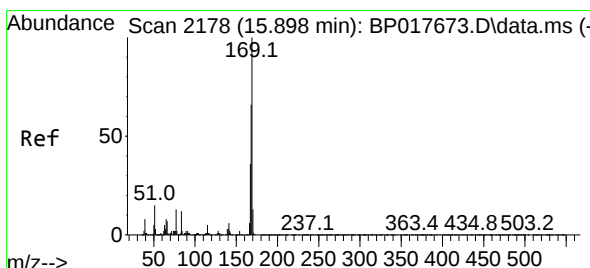
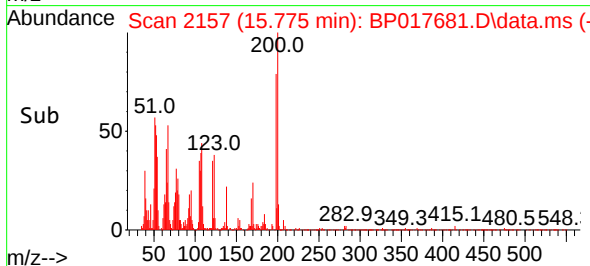
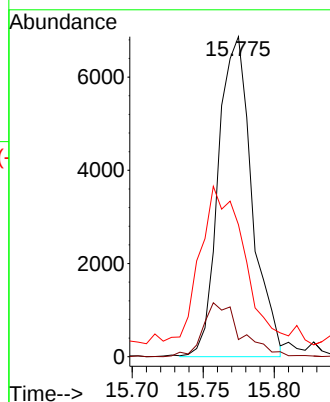
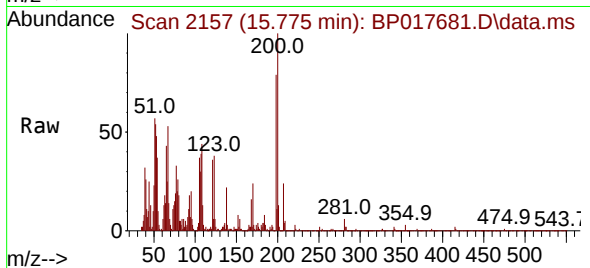
#66
4,6-Dinitro-2-methylphenol
Concen: 3.415 ng/ul
RT: 15.775 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:198 Resp: 1129
Ion Ratio Lower Upper
198 100
182 5.3 3.4 5.0
77 41.3 23.0 34.6

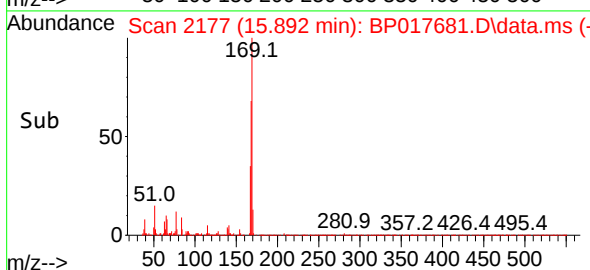
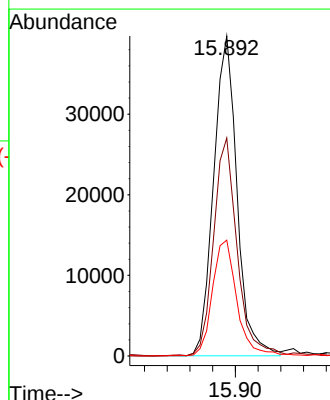
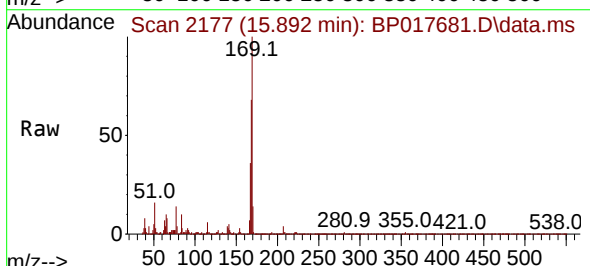
Manual Integrations
APPROVED

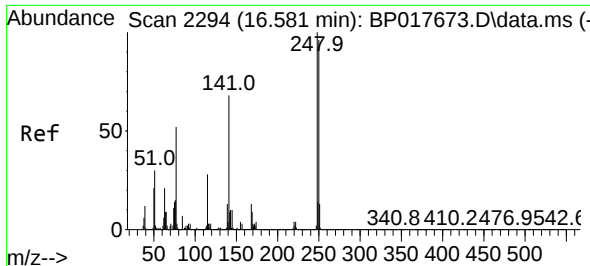
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 4.260 ng/ul
RT: 15.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:169 Resp: 56873
Ion Ratio Lower Upper
169 100
168 68.1 53.3 79.9
167 36.2 29.6 44.4





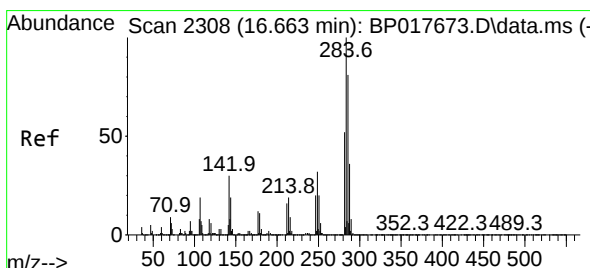
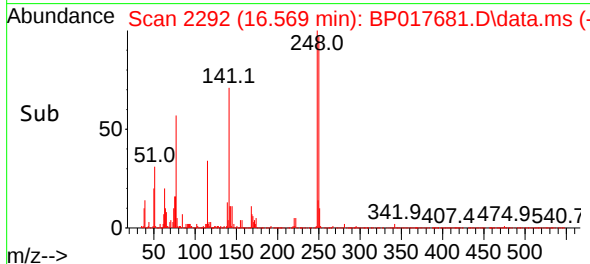
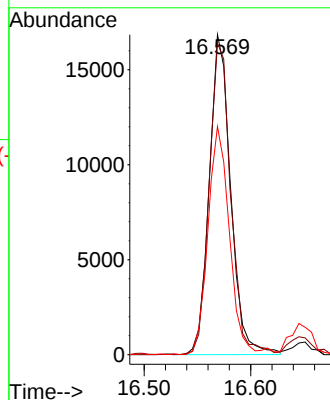
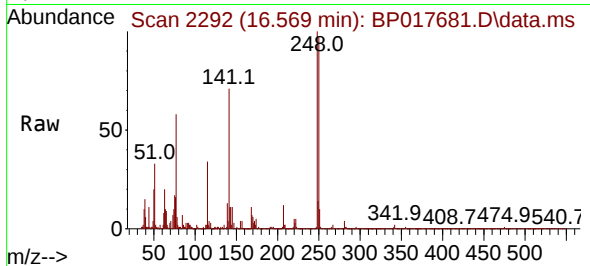
#68
4-Bromophenyl-phenylether
Concen: 4.374 ng/ul
RT: 16.569 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-05

Tgt Ion:248 Resp: 2356
Ion Ratio Lower Upper
248 100
250 97.4 75.9 113.9
141 71.3 57.2 85.8

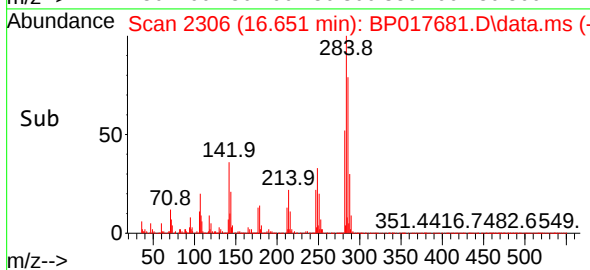
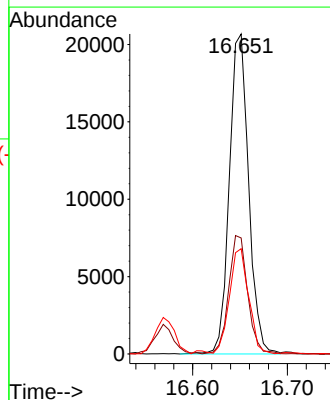
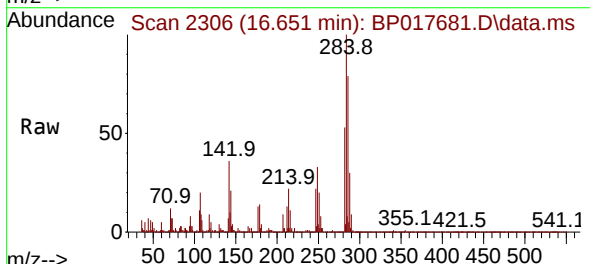
Manual Integrations
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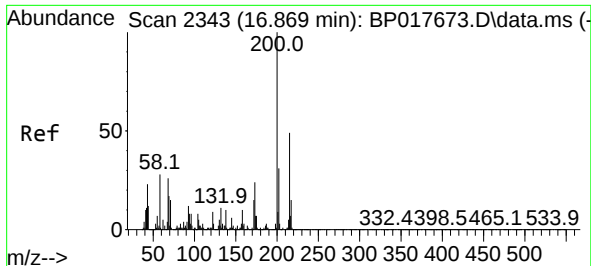
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 4.545 ng/ul
RT: 16.651 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

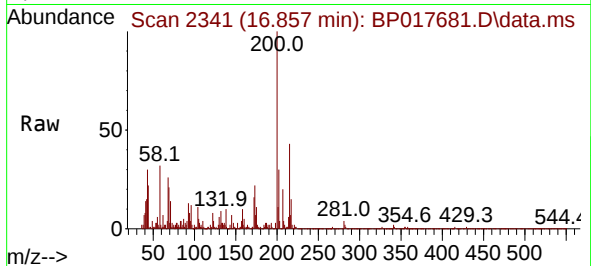
Tgt Ion:284 Resp: 29145
Ion Ratio Lower Upper
284 100
142 36.3 25.8 38.6
249 32.9 24.9 37.3





#70
Atrazine
Concen: 3.792 ng/ul
RT: 16.857 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

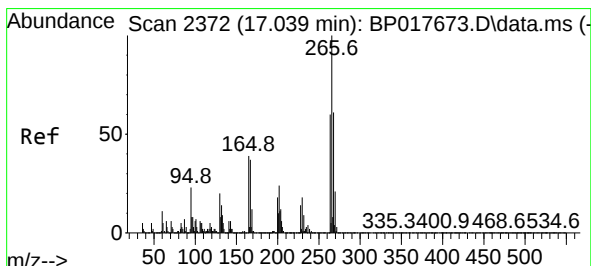
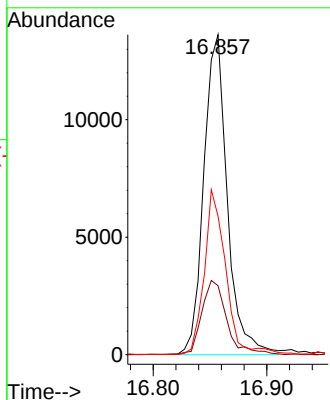
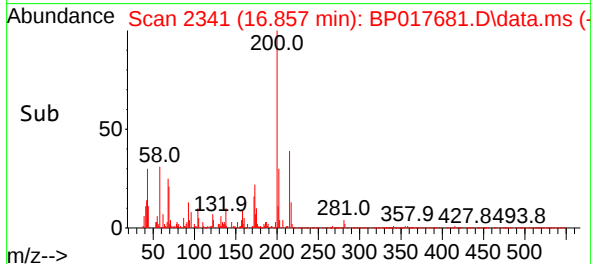
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05



Tgt Ion:200 Resp: 19592
Ion Ratio Lower Upper
200 100
173 21.6 19.9 29.9
215 43.2 37.8 56.6

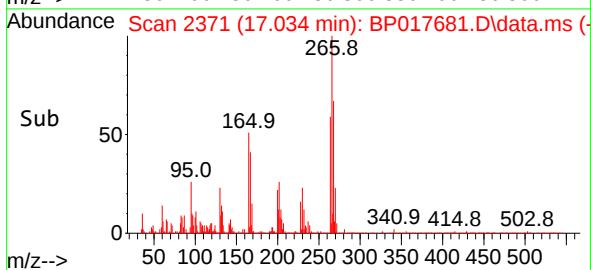
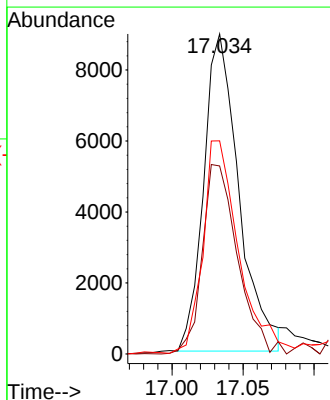
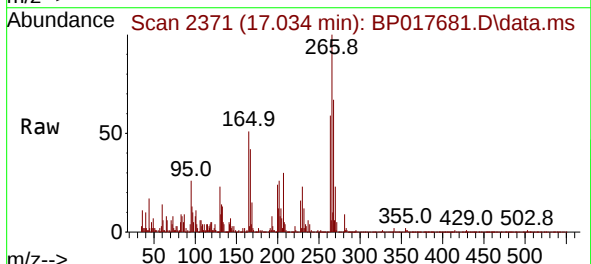
Manual Integrations
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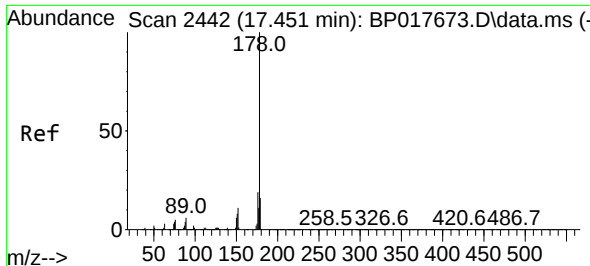
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#71
Pentachlorophenol
Concen: 3.973 ng/ul
RT: 17.034 min Scan# 2371
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:266 Resp: 15430
Ion Ratio Lower Upper
266 100
264 58.8 49.2 73.8
268 66.6 51.8 77.6





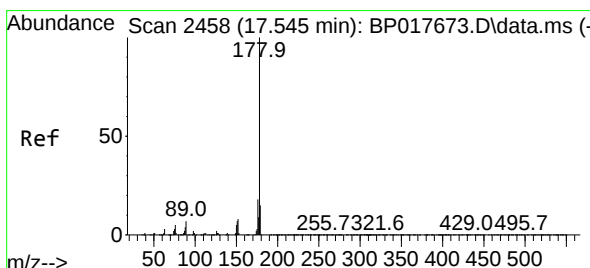
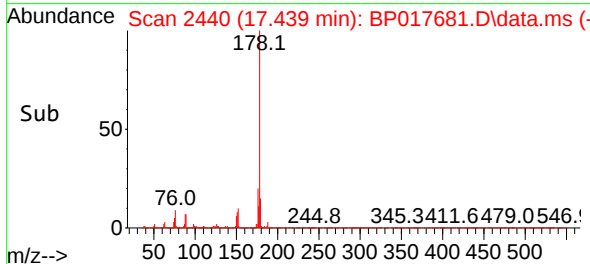
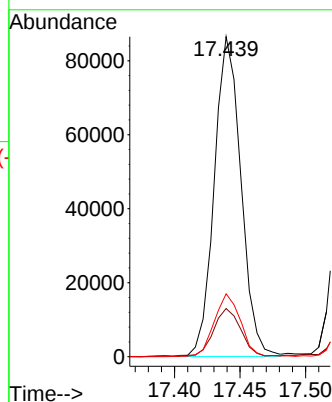
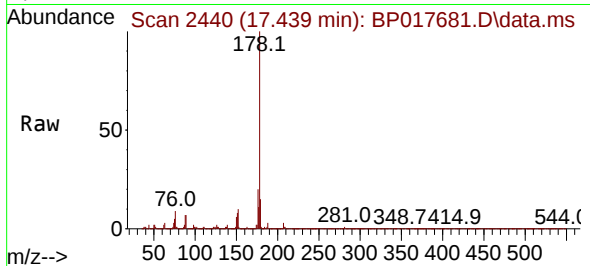
#72
Phenanthrene
Concen: 4.645 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:178 Resp: 122095
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 19.7 15.3 22.9

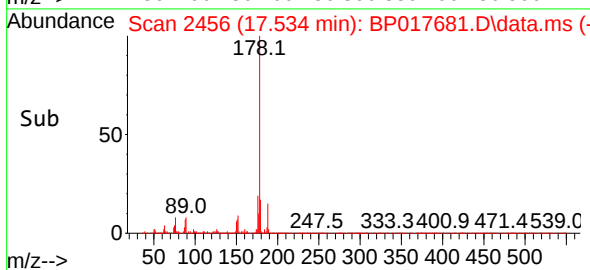
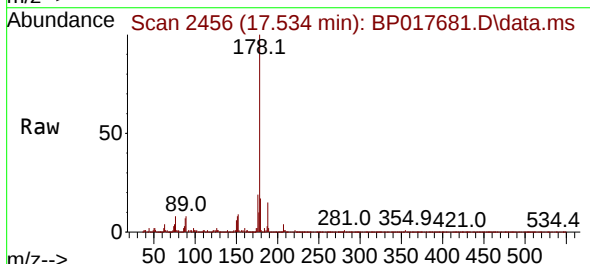
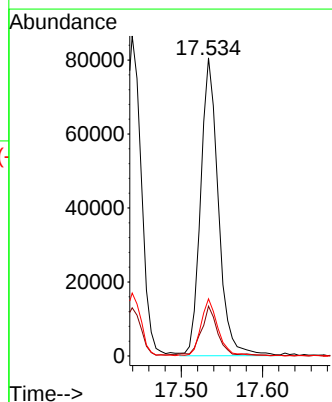
Manual Integrations
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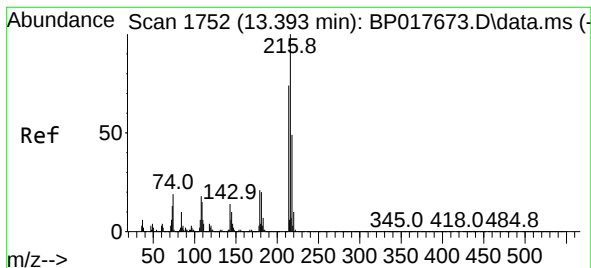
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 4.606 ng/ul
RT: 17.534 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:178 Resp: 122472
Ion Ratio Lower Upper
178 100
179 16.7 12.3 18.5
176 19.1 14.6 22.0





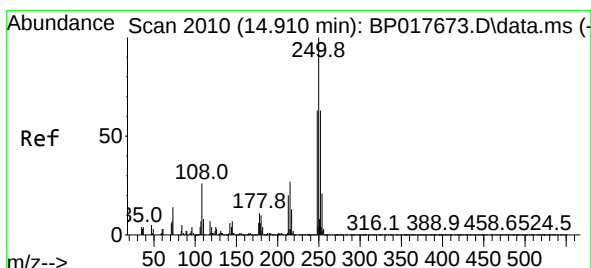
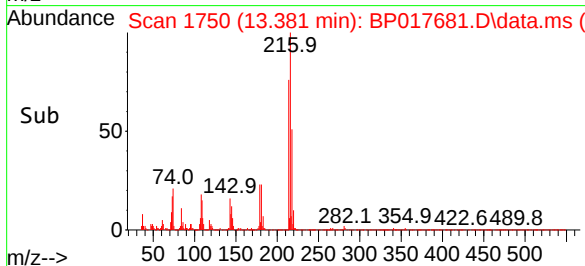
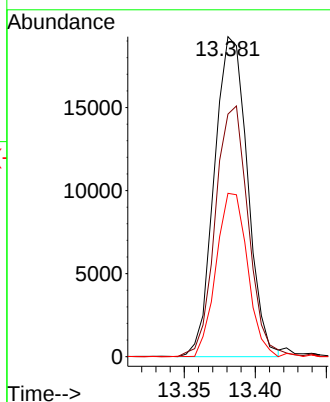
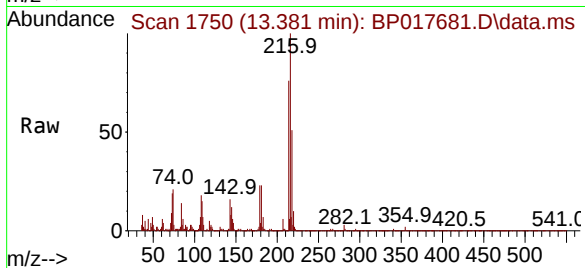
#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.440 ng/uL
RT: 13.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:216 Resp: 31304
Ion Ratio Lower Upper
216 100
214 75.8 62.9 94.3
218 51.0 38.6 58.0

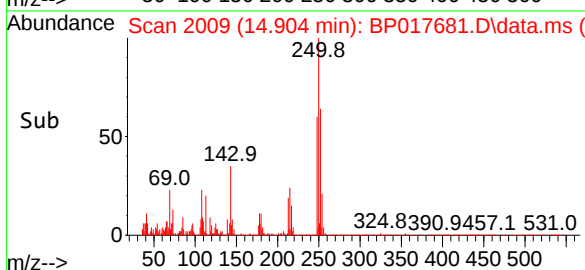
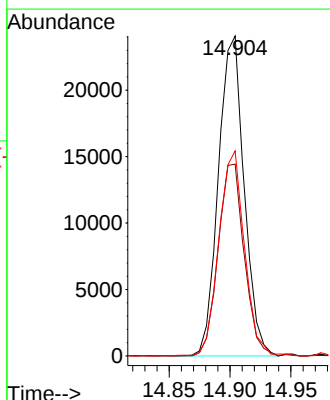
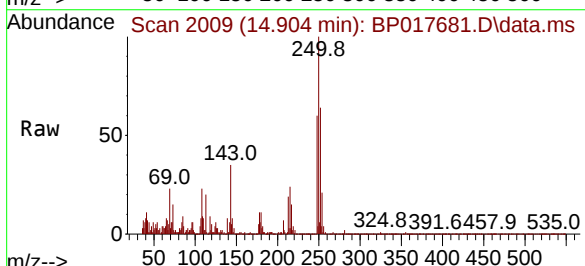
Manual Integrations
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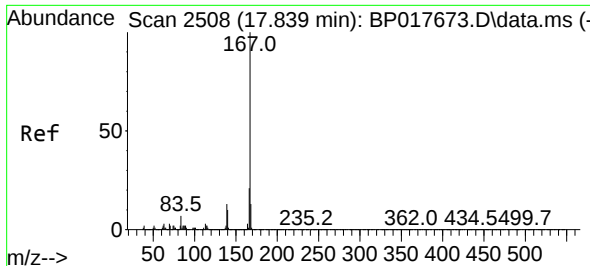
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#76
Pentachlorobenzene
Concen: 4.891 ng/uL
RT: 14.904 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:250 Resp: 35383
Ion Ratio Lower Upper
250 100
248 63.6 50.8 76.2
252 64.1 49.9 74.9





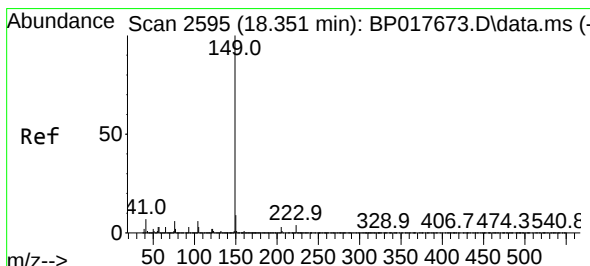
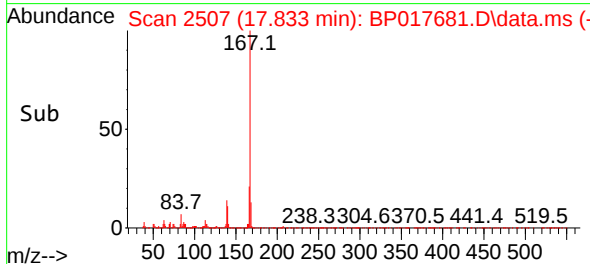
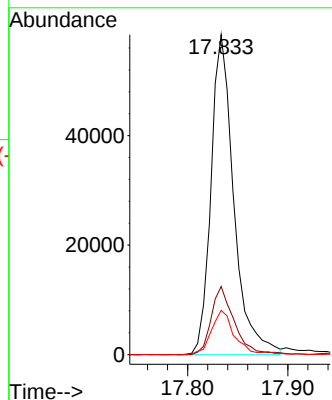
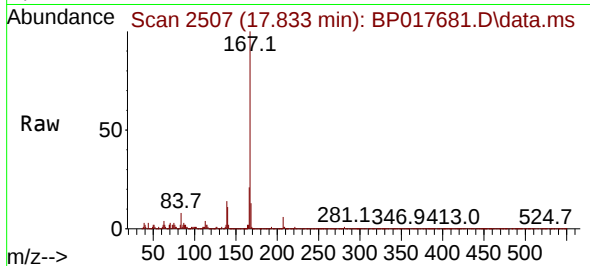
#77
 Carbazole
 Concen: 3.838 ng/ul
 RT: 17.833 min Scan# 2508
 Delta R.T. 0.006 min
 Lab File: BP017681.D
 Acq: 16 Oct 2023 14:31

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT3-2023-05

Tgt Ion:167 Resp: 92425
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.9 10.2 15.2

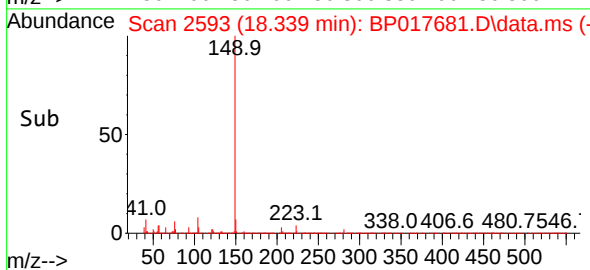
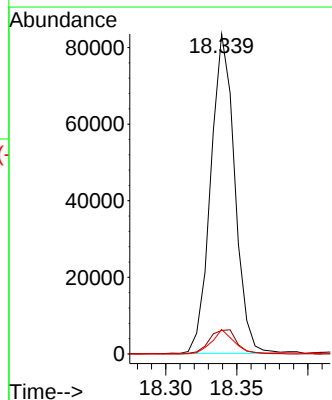
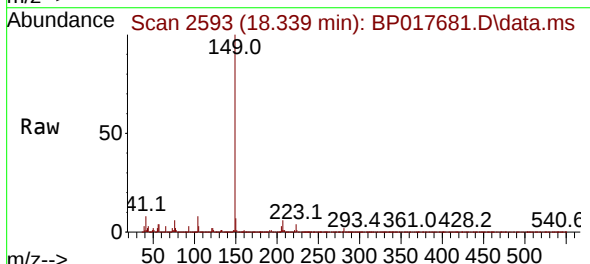
Manual Integrations
 APPROVED

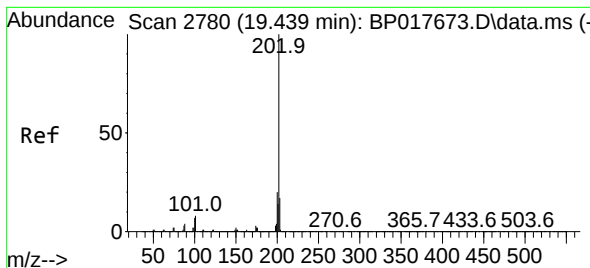
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#78
 Di-n-butylphthalate
 Concen: 3.296 ng/ul
 RT: 18.339 min Scan# 2593
 Delta R.T. -0.000 min
 Lab File: BP017681.D
 Acq: 16 Oct 2023 14:31

Tgt Ion:149 Resp: 97752
 Ion Ratio Lower Upper
 149 100
 150 7.4 7.4 11.0
 104 7.7 4.6 6.8#





#80

Fluoranthene

Concen: 4.051 ng/ul

RT: 19.428 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

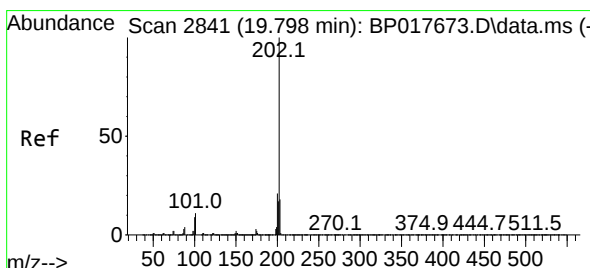
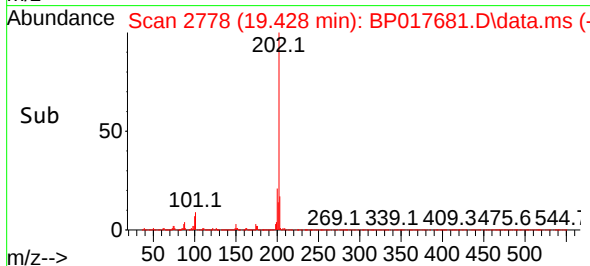
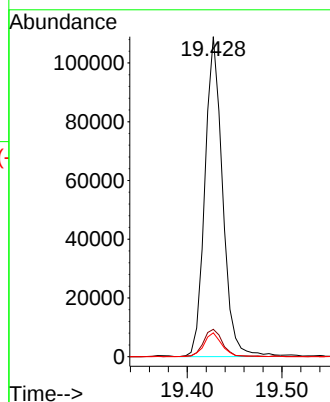
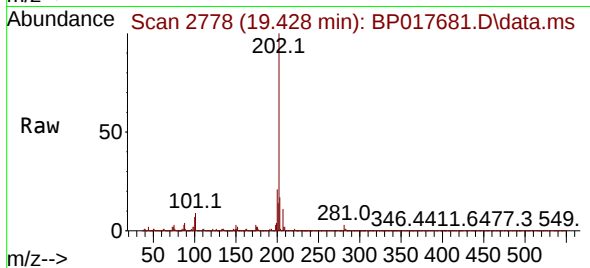
Tgt Ion:	202	Resp:	14114
Ion Ratio	Lower	Upper	
202	100		
101	8.6	7.0	10.6
100	7.4	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#82

Pyrene

Concen: 4.555 ng/ul

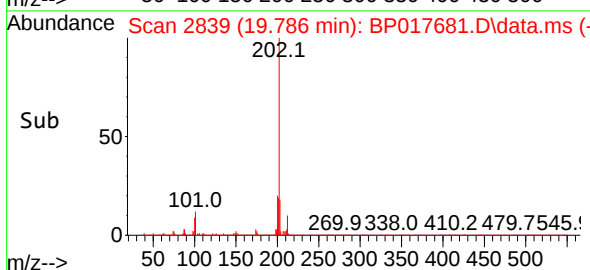
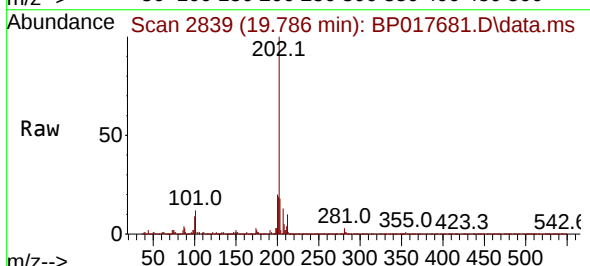
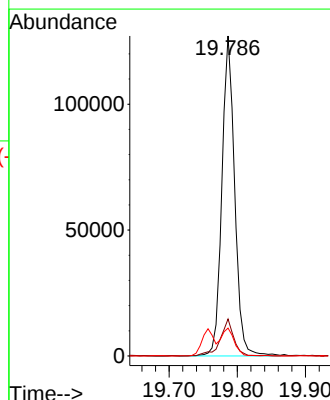
RT: 19.786 min Scan# 2839

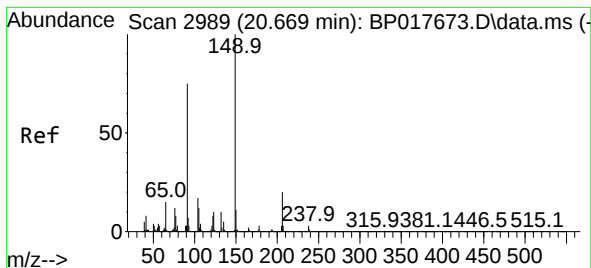
Delta R.T. -0.000 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Tgt Ion:	202	Resp:	165791
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.8	13.2
100	8.7	7.4	11.0





#83

Butylbenzylphthalate

Concen: 2.866 ng/ul

RT: 20.657 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

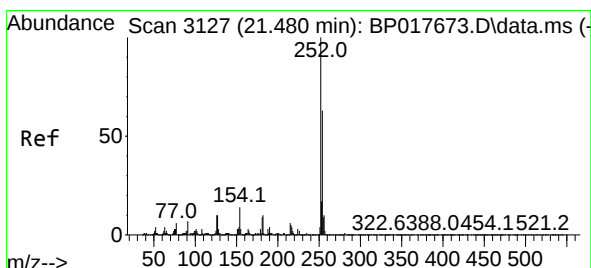
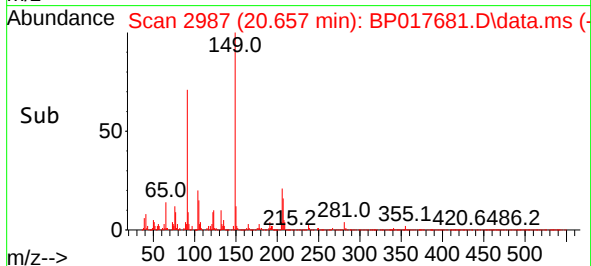
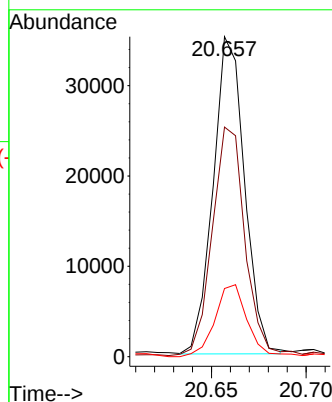
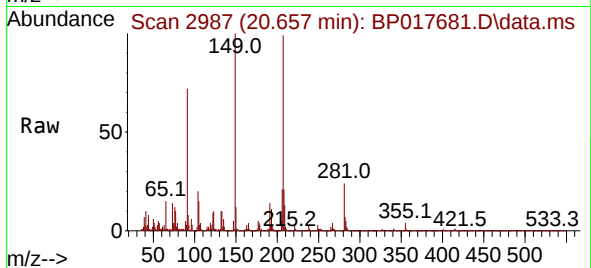
Tgt Ion:	149	Resp:	40584
Ion Ratio	Lower	Upper	
149	100		
91	71.7	59.6	89.4
206	21.3	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.248 ng/ul

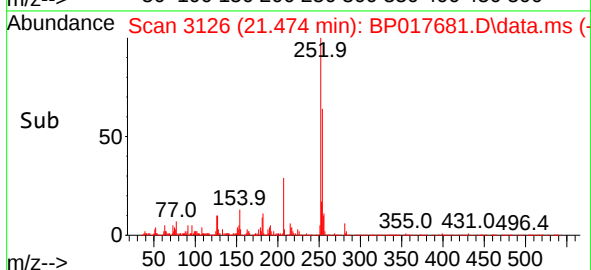
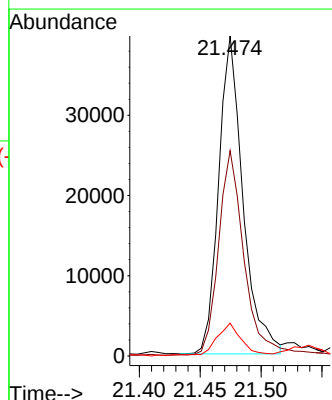
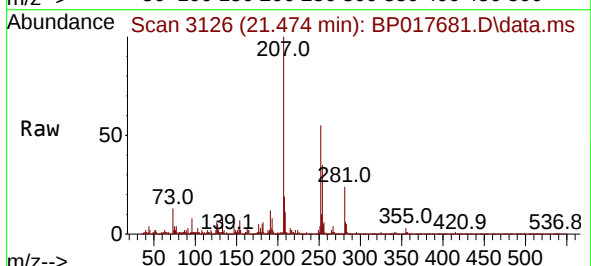
RT: 21.474 min Scan# 3126

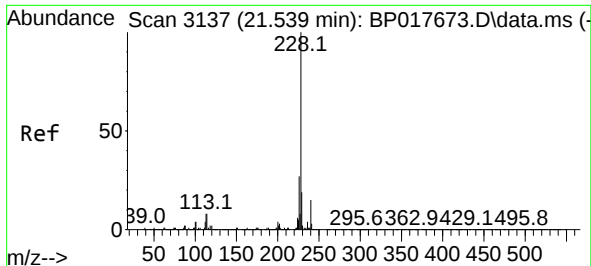
Delta R.T. 0.006 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Tgt Ion:	252	Resp:	55123
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.8	77.6
126	10.2	8.1	12.1





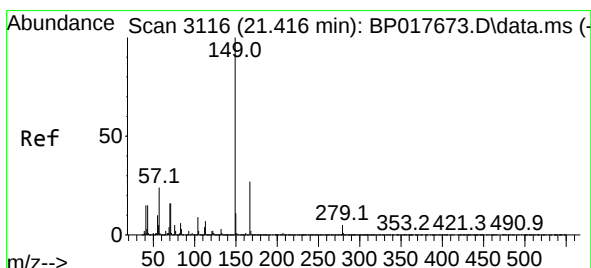
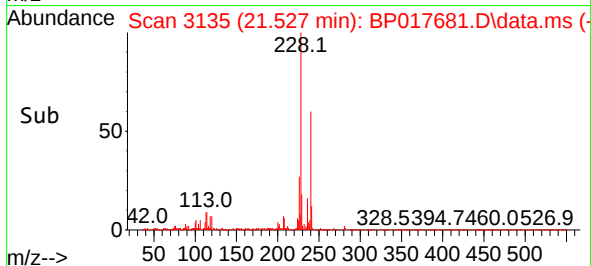
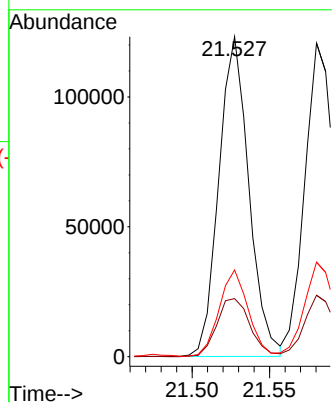
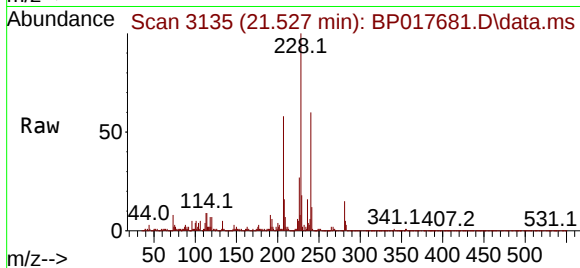
#85
Benzo(a)anthracene
Concen: 4.276 ng/ul
RT: 21.527 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Instrument : BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2023-05

Tgt Ion:228 Resp: 166102
Ion Ratio Lower Upper
228 100
229 18.2 15.4 23.2
226 27.1 21.4 32.0

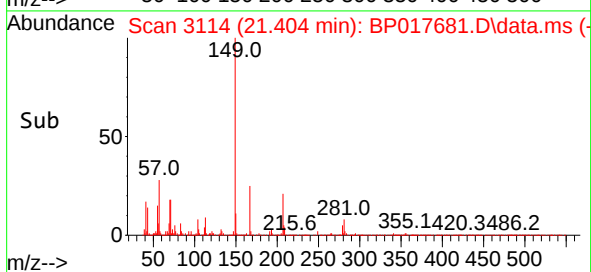
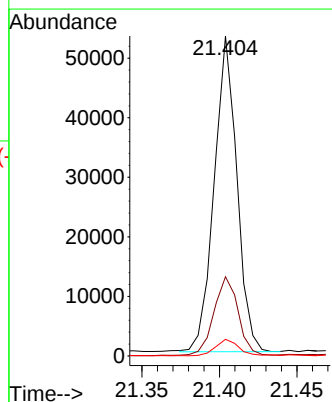
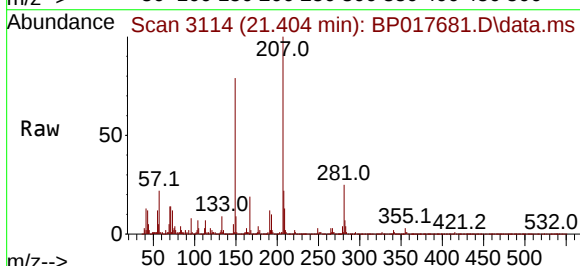
Manual Integrations
APPROVED

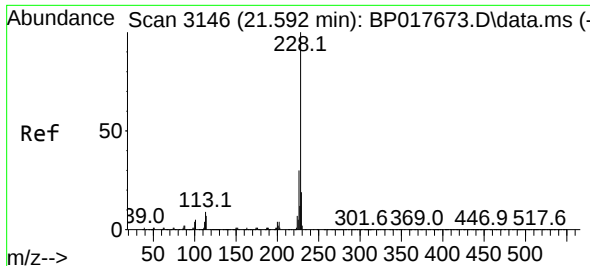
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.522 ng/ul
RT: 21.404 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

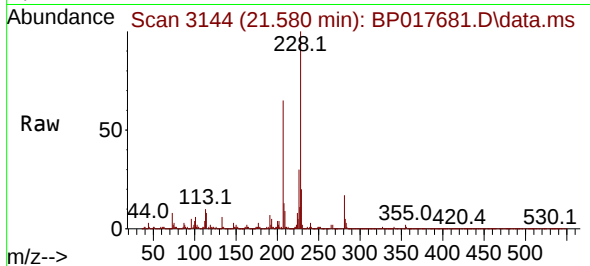
Tgt Ion:149 Resp: 53991
Ion Ratio Lower Upper
149 100
167 24.7 21.7 32.5
279 5.2 3.7 5.5





#87
Chrysene
Concen: 4.677 ng/ul
RT: 21.580 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

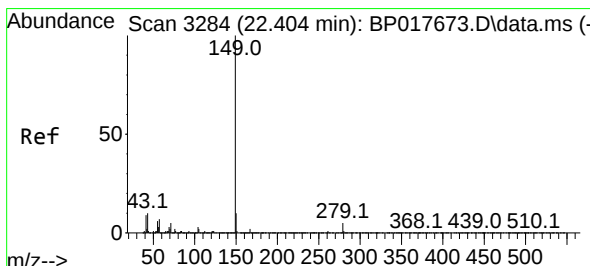
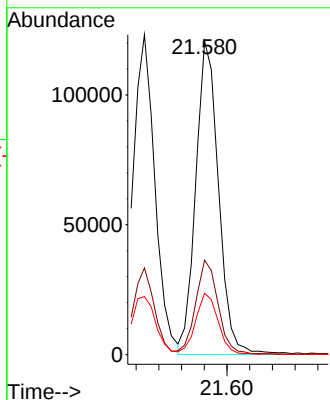
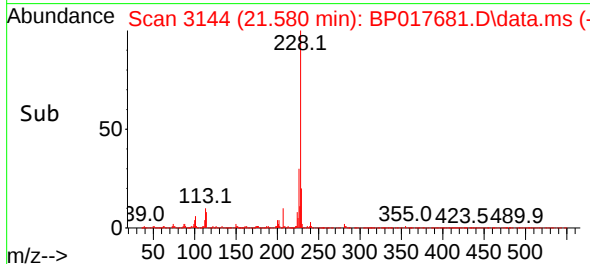
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2023-05



Tgt Ion:228 Resp: 16762
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 19.6 16.1 24.1

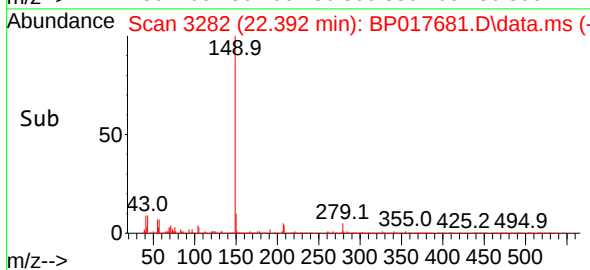
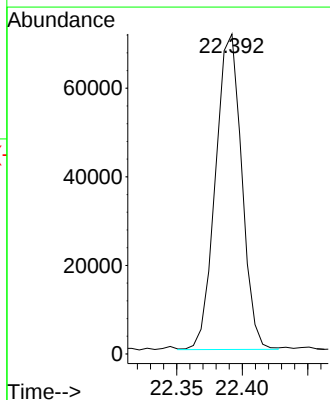
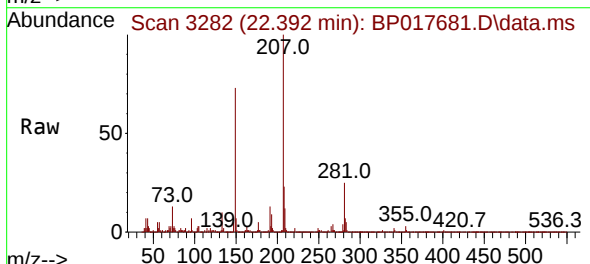
Manual Integrations
APPROVED

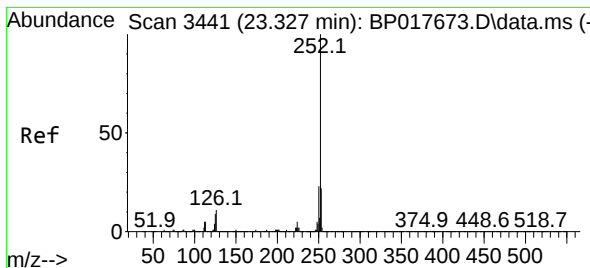
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#89
Di-n-octyl phthalate
Concen: 2.564 ng/ul
RT: 22.392 min Scan# 3282
Delta R.T. 0.006 min
Lab File: BP017681.D
Acq: 16 Oct 2023 14:31

Tgt Ion:149 Resp: 98908





#90

Benzo(b)fluoranthene

Concen: 4.261 ng/ul

RT: 23.316 min Scan# 3441

Delta R.T. 0.006 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Instrument :

BNA_P

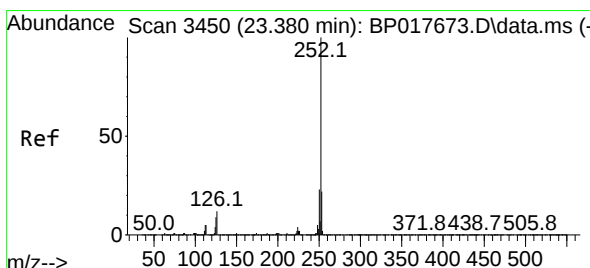
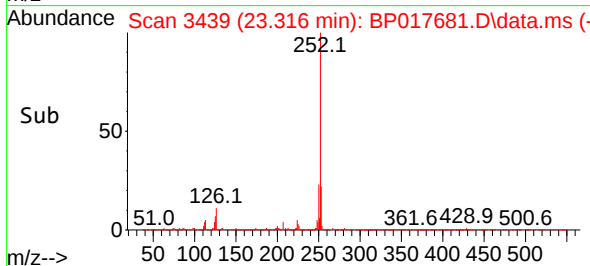
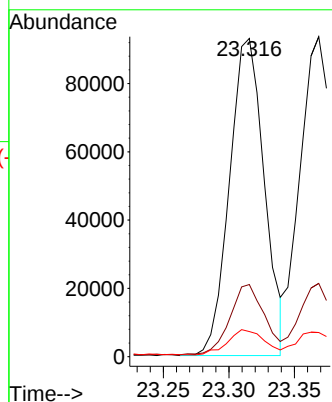
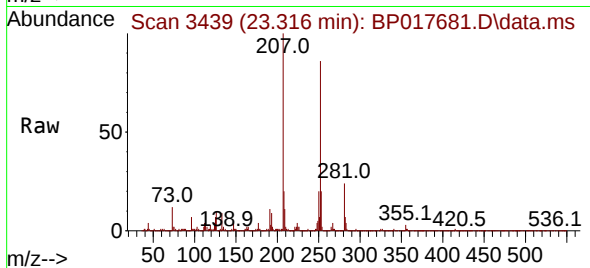
ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

Tgt Ion:252 Resp: 17140
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.3 25.9
 125 7.9 6.9 10.3

Manual Integrations
 APPROVED

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



#91

Benzo(k)fluoranthene

Concen: 4.280 ng/ul

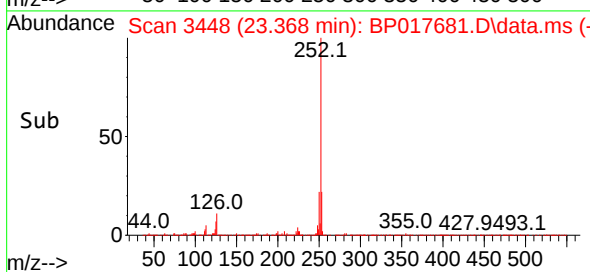
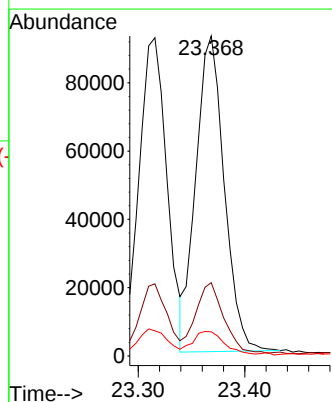
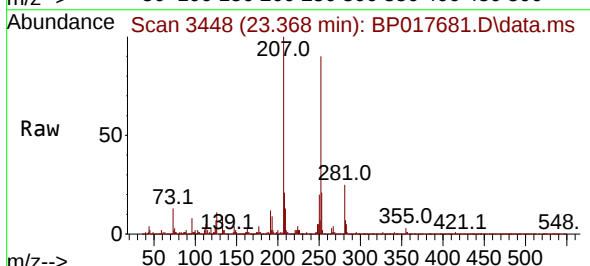
RT: 23.368 min Scan# 3448

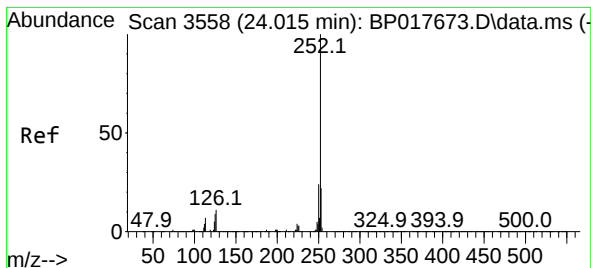
Delta R.T. 0.000 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Tgt Ion:252 Resp: 171289
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.0
 125 7.6 6.3 9.5





#93

Benzo(a)pyrene

Concen: 4.343 ng/ul

RT: 23.998 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

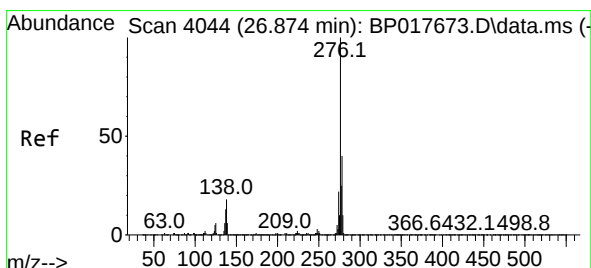
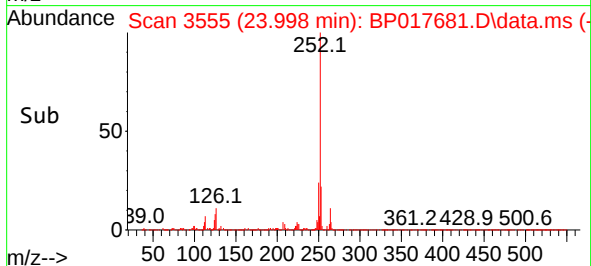
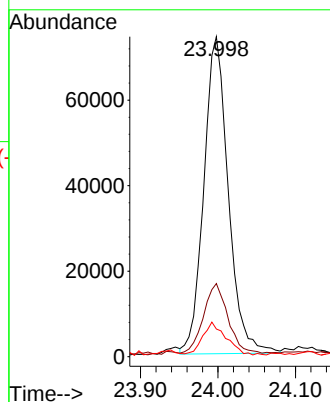
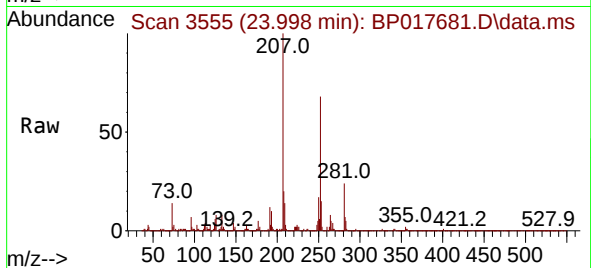
Tgt Ion:252 Resp: 162689
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.0
 125 8.7 7.3 10.9

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: 4.375 ng/ul

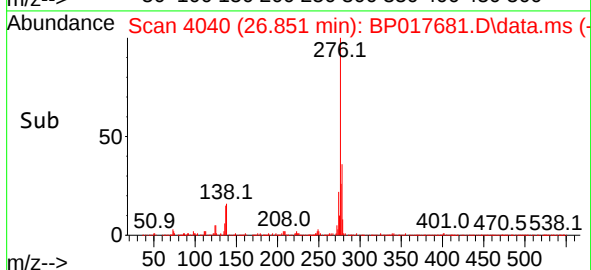
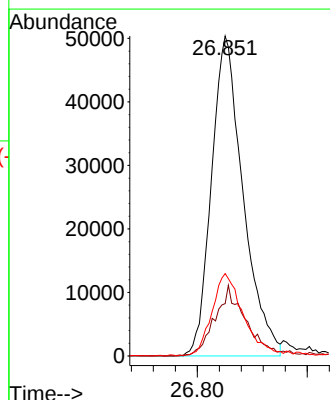
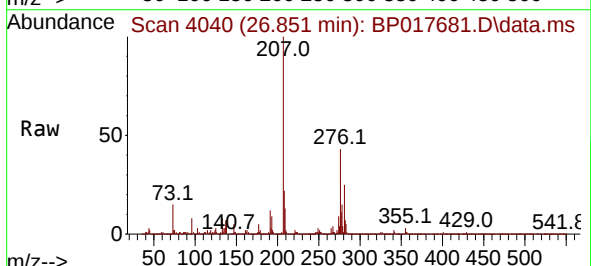
RT: 26.851 min Scan# 4040

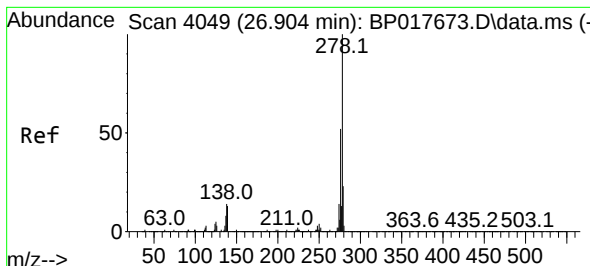
Delta R.T. 0.012 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Tgt Ion:276 Resp: 200988
 Ion Ratio Lower Upper
 276 100
 138 16.4 14.6 21.8
 277 25.7 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 4.405 ng/ul

RT: 26.880 min Scan# 4049

Delta R.T. 0.012 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2023-05

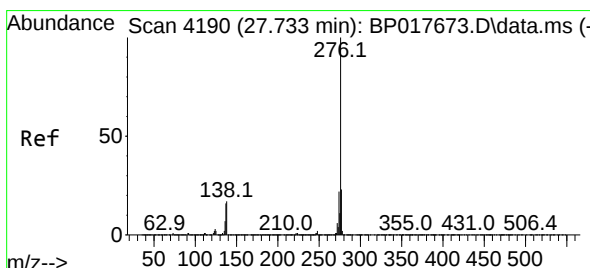
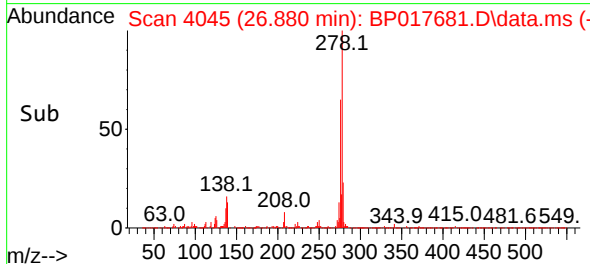
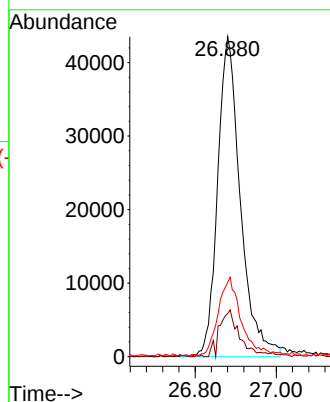
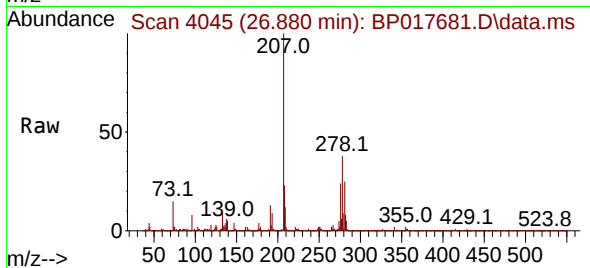
Tgt Ion:278 Resp: 169580
 Ion Ratio Lower Upper
 278 100
 139 13.5 10.8 16.2
 279 23.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#96

Benzo(g,h,i)perylene

Concen: 4.614 ng/ul

RT: 27.709 min Scan# 4186

Delta R.T. 0.012 min

Lab File: BP017681.D

Acq: 16 Oct 2023 14:31

Tgt Ion:276 Resp: 168523
 Ion Ratio Lower Upper
 276 100
 138 16.3 14.1 21.1
 277 21.0 18.7 28.1

