

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101323\
 Data File : BP017668.D
 Acq On : 13 Oct 2023 16:28
 Operator : MA/JU
 Sample : 02215-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 14 01:33:27 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 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	88638	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	359044	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.616	164	227840	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.404	188	523062	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	569232	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	664277	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	15255m	6.345	ng/uL	0.00
4) Pyridine-d5	3.705	84	180227	27.118	ng/u1	0.00
7) Phenol-d5	7.069	99	204473	24.778	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	129424	25.862	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	167369	26.202	ng/u1	0.01
15) 4-Methylphenol-d8	8.634	113	157323	23.868	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	76706	25.435	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	80763	23.814	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.369	165	155423	24.384	ng/u1	0.01
31) 4-Chloroaniline-d4	10.922	131	219593	24.035	ng/u1	0.01
46) Dimethylphthalate-d6	14.034	166	500076	25.342	ng/u1	0.01
49) Acenaphthylene-d8	14.310	160	546635	25.725	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	54696	16.574	ng/u1	0.02
60) Fluorene-d10	15.622	176	449342	26.770	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.763	200	65571	17.736	ng/u1	0.00
73) Anthracene-d10	17.510	188	708472	26.237	ng/u1	0.01
81) Pyrene-d10	19.763	212	872262	25.460	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	988857	26.517	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	3019	1.184	ng/uL	95
5) Pyridine	3.728	79	29081	4.261	ng/u1#	68
6) Benzaldehyde	7.075	77	23254	5.563	ng/u1	94
8) Phenol	7.099	94	32716	3.995	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.352	93	27960	4.255	ng/u1	98
12) 2-Chlorophenol	7.469	128	25882	4.055	ng/u1	91
13) 2-Methylphenol	8.369	108	21536	3.532	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	34491m	4.068	ng/u1	
16) Acetophenone	8.775	105	39595	3.861	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.734	70	20041	3.861	ng/u1	99
18) 4-Methylphenol	8.704	108	24715	3.729	ng/u1	92
19) Hexachloroethane	8.975	117	12436	4.362	ng/u1	98
22) Nitrobenzene	9.169	77	31839	4.110	ng/u1	95
23) Isophorone	9.681	82	49723	3.560	ng/u1	99
25) 2-Nitrophenol	9.869	139	14202	3.936	ng/u1	93
26) 2,4-Dimethylphenol	9.916	107	28067	3.915	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.175	93	35008	4.102	ng/u1	94
29) 2,4-Dichlorophenol	10.404	162	24913	4.051	ng/u1	94
30) Naphthalene	10.798	128	89488	4.287	ng/u1	100
32) 4-Chloroaniline	10.951	127	33680	3.855	ng/u1	98
33) Hexachlorobutadiene	11.028	225	20910	4.397	ng/u1	97
34) Caprolactam	11.775	113	11442	6.082	ng/u1	97
35) 4-Chloro-3-methylphenol	12.069	107	21039	3.242	ng/u1	95
36) 2-Methylnaphthalene	12.422	142	57619	4.031	ng/u1	96

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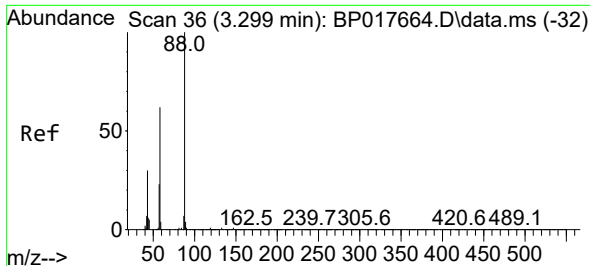
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 Quant Title : SVOA CALIBRATION
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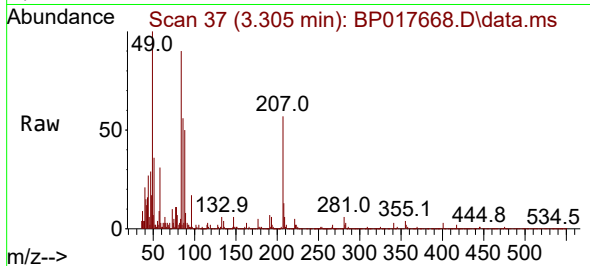
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	60339	4.159	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.775	216	36106	4.344	ng/ul#	95
40) Hexachlorocyclopentadiene	12.716	237	15716	4.209	ng/ul	92
41) 2,4,6-Trichlorophenol	13.039	196	16503	3.224	ng/ul	98
42) 2,4,5-Trichlorophenol	13.128	196	17936	3.319	ng/ul	90
43) 1,1'-Biphenyl	13.439	154	79155	4.239	ng/ul	96
44) 2-Chloronaphthalene	13.487	162	63245	4.234	ng/ul	98
45) 2-Nitroaniline	13.739	65	11616	2.813	ng/ul	91
47) Dimethylphthalate	14.081	163	80115	4.111	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	10528	2.919	ng/ul#	80
50) Acenaphthylene	14.339	152	98437	4.095	ng/ul	97
51) 3-Nitroaniline	14.581	138	11331m	3.115	ng/ul	
52) Acenaphthene	14.681	153	67803	4.241	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	8144	3.657	ng/ul	98
55) 4-Nitrophenol	14.881	109	10121m	3.273	ng/ul	
56) Dibenzofuran	15.022	168	99003	4.316	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	17973	3.228	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.245	232	17265	3.454	ng/ul#	85
59) Diethylphthalate	15.439	149	74122	3.792	ng/ul	99
61) Fluorene	15.675	166	80174	4.240	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.669	204	41942	4.171	ng/ul	96
63) 4-Nitroaniline	15.757	138	13387	3.703	ng/ul#	38
66) 4,6-Dinitro-2-methylph...	15.781	198	11674	3.015	ng/ul#	70
67) N-Nitrosodiphenylamine	15.898	169	62447	3.995	ng/ul	96
68) 4-Bromophenyl-phenylether	16.580	248	25797	4.090	ng/ul	91
69) Hexachlorobenzene	16.657	284	31363	4.178	ng/ul	95
70) Atrazine	16.863	200	20917	3.458	ng/ul	95
71) Pentachlorophenol	17.045	266	17734	3.901	ng/ul	98
72) Phenanthrene	17.451	178	129293	4.202	ng/ul	99
74) Anthracene	17.545	178	130063	4.178	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	33990	4.118	ng/ul	97
76) Pentachlorobenzene	14.910	250	38745	4.575	ng/ul	95
77) Carbazole	17.839	167	101020	3.584	ng/ul	99
78) Di-n-butylphthalate	18.351	149	106375	3.064	ng/ul	99
80) Fluoranthene	19.433	202	150413	3.842	ng/ul	99
82) Pyrene	19.792	202	171134	4.184	ng/ul	99
83) Butylbenzylphthalate	20.668	149	43488	2.733	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.480	252	43192	2.962	ng/ul	94
85) Benzo(a)anthracene	21.533	228	174765	4.004	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	59221	2.461	ng/ul#	99
87) Chrysene	21.592	228	169238	4.202	ng/ul	98
89) Di-n-octyl phthalate	22.398	149	101651	2.344	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	175583	3.882	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	179525	3.989	ng/ul	96
93) Benzo(a)pyrene	24.009	252	160829	3.818	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.868	276	206462	3.997	ng/ul	100
95) Dibenzo(a,h)anthracene	26.898	278	176146	4.069	ng/ul	98
96) Benzo(g,h,i)perylene	27.715	276	168679	4.106	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.184 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP017668.D
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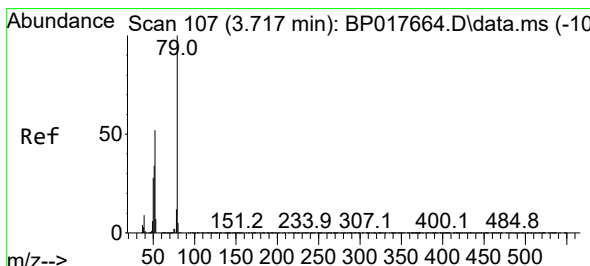
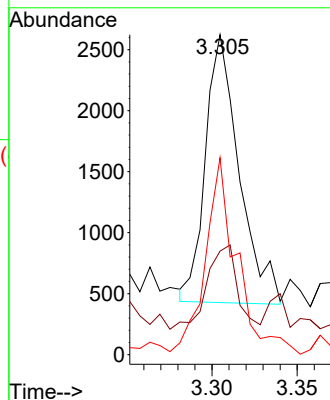
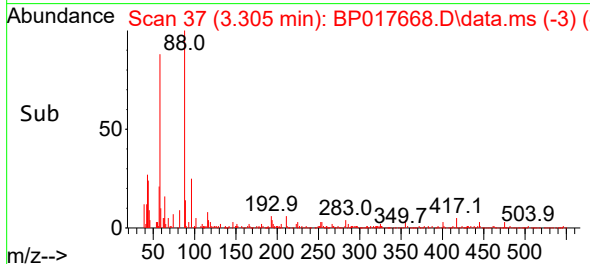
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion: 88 Resp: 3019
Ion Ratio Lower Upper
88 100
43 32.3 27.3 40.9
58 61.6 53.3 79.9

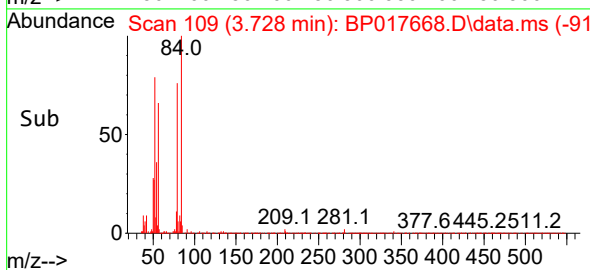
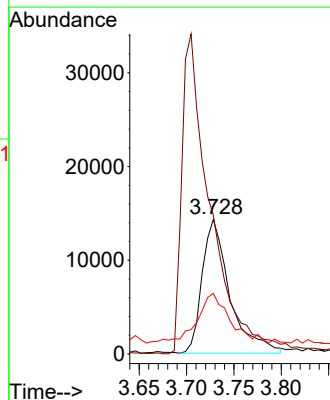
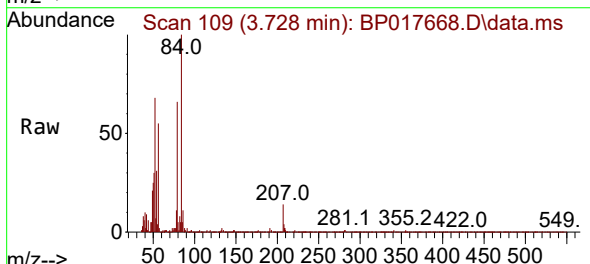
Manual Integrations
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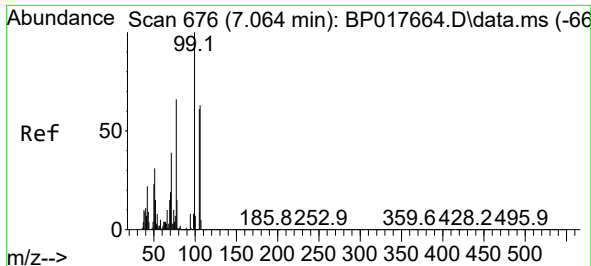
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#5
Pyridine
Concen: 4.261 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion: 79 Resp: 29081
Ion Ratio Lower Upper
79 100
52 103.2 55.8 83.6#
51 45.0 28.7 43.1#





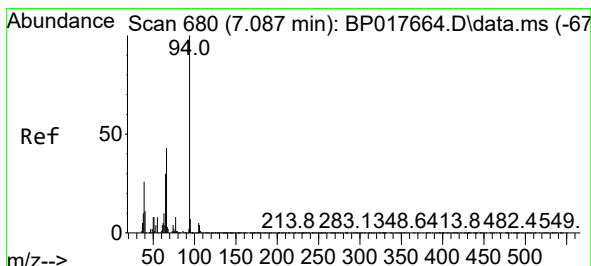
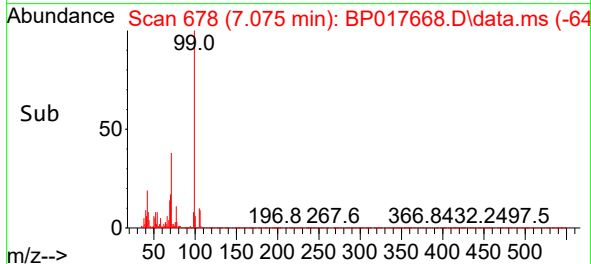
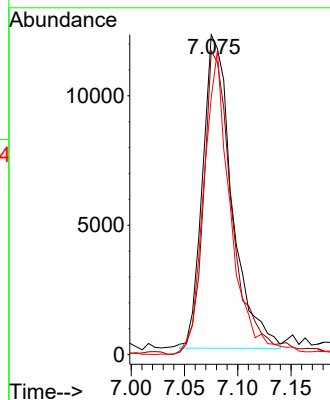
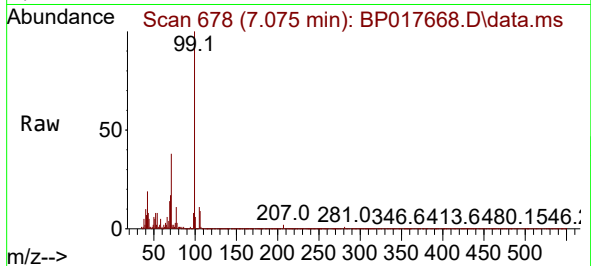
#6
Benzaldehyde
Concen: 5.563 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion: 77 Resp: 23254
Ion Ratio Lower Upper
77 100
105 95.0 74.9 112.3
106 80.3 72.2 108.2

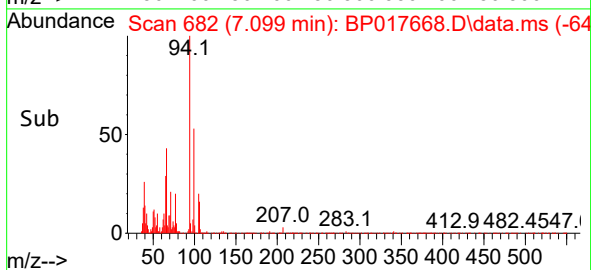
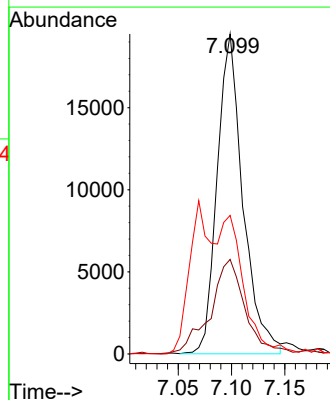
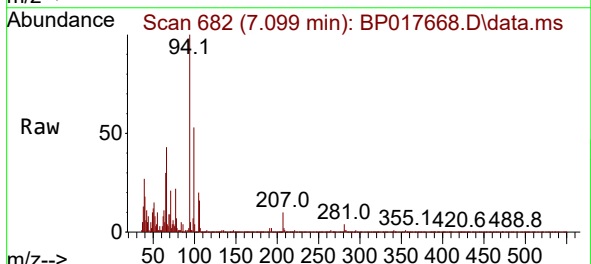
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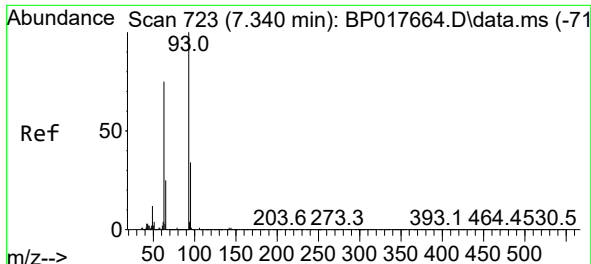
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#8
Phenol
Concen: 3.995 ng/ul
RT: 7.099 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

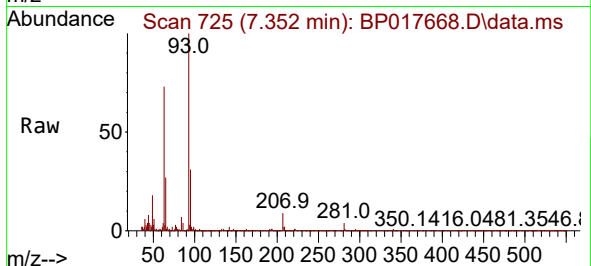
Tgt Ion: 94 Resp: 32716
Ion Ratio Lower Upper
94 100
65 29.5 24.2 36.4
66 43.3 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.255 ng/ul
RT: 7.352 min Scan# 725
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

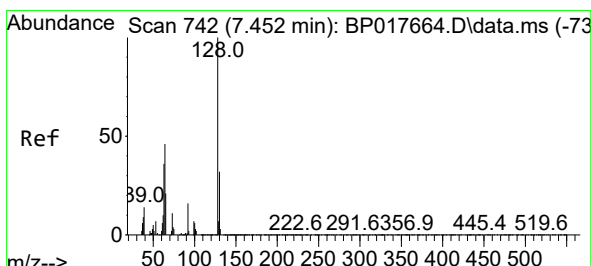
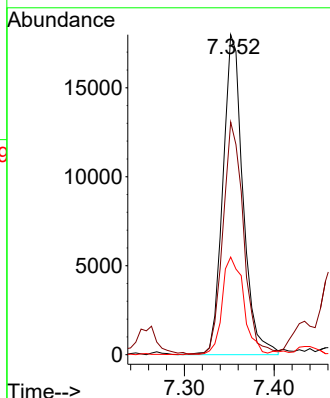
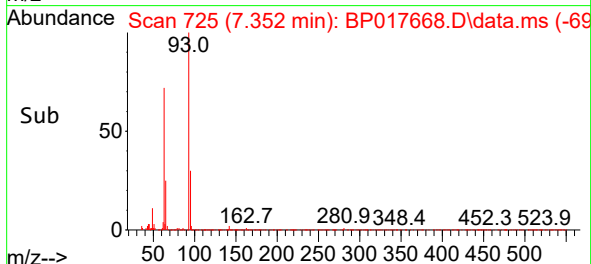
Instrument :
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ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



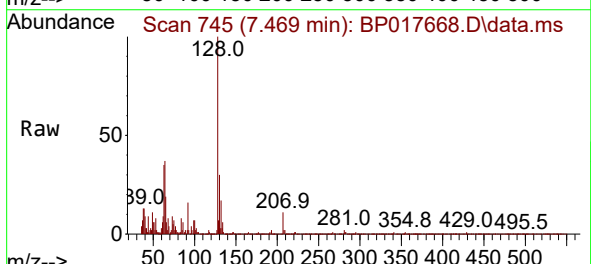
Tgt Ion: 93 Resp: 27960
Ion Ratio Lower Upper
93 100
63 72.7 59.4 89.2
95 30.5 25.3 37.9

Manual Integrations
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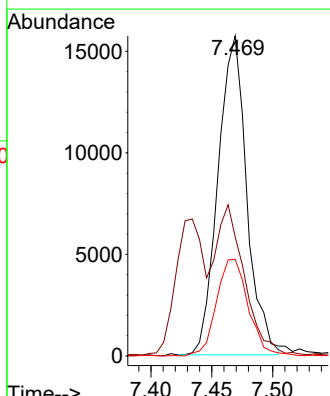
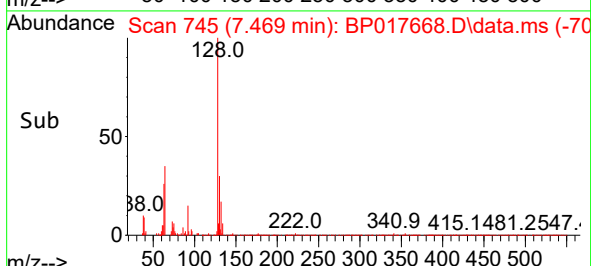
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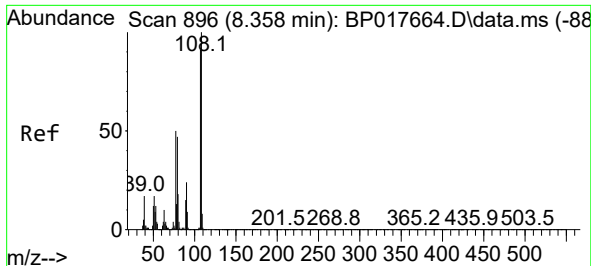


#12
2-Chlorophenol
Concen: 4.055 ng/ul
RT: 7.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28



Tgt Ion:128 Resp: 25882
Ion Ratio Lower Upper
128 100
64 37.2 36.9 55.3
130 30.2 25.8 38.8





#13

2-Methylphenol

Concen: 3.532 ng/ul

RT: 8.369 min Scan# 896

Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:108 Resp: 21530

Ion Ratio Lower Upper

108 100

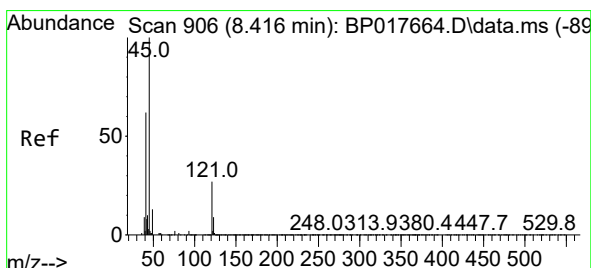
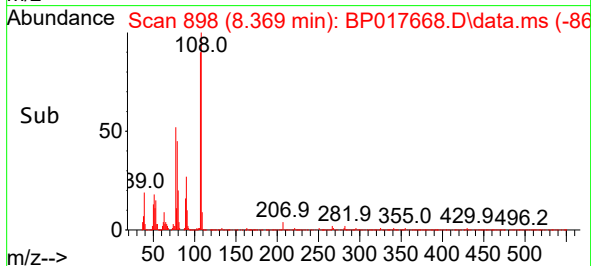
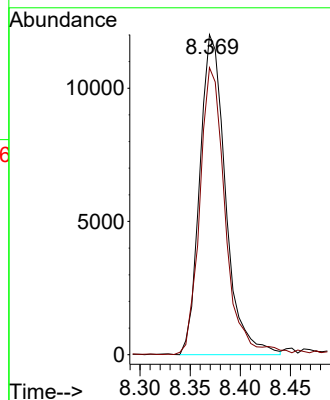
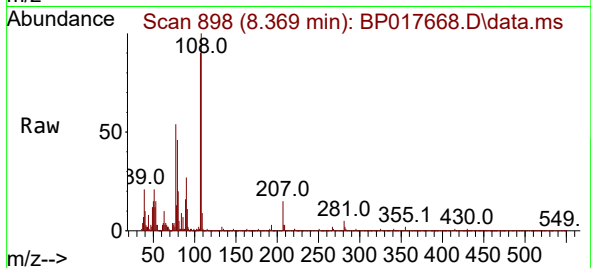
107 89.7 70.2 105.2

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.068 ng/ul m

RT: 8.434 min Scan# 909

Delta R.T. 0.012 min

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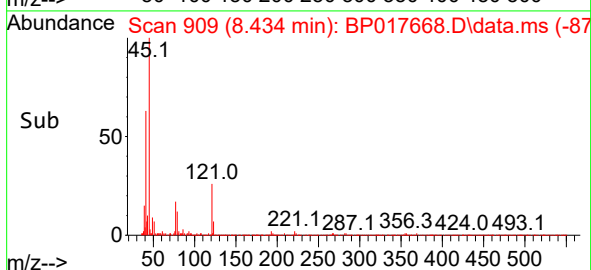
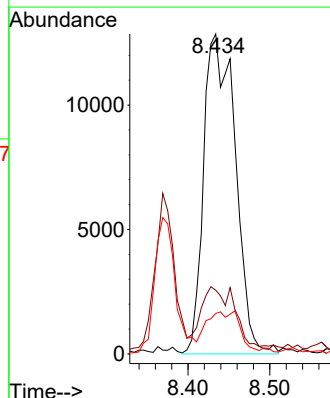
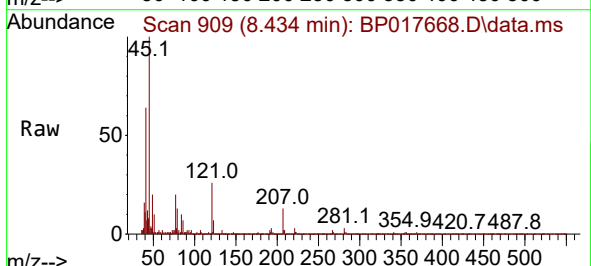
Tgt Ion: 45 Resp: 34491

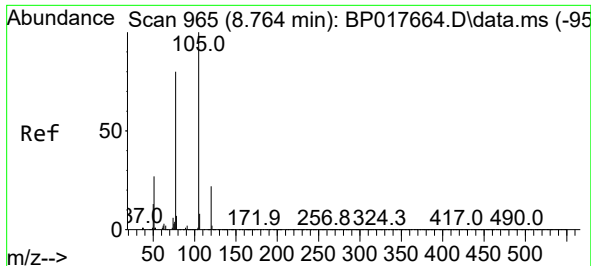
Ion Ratio Lower Upper

45 100

77 19.9 13.0 19.6#

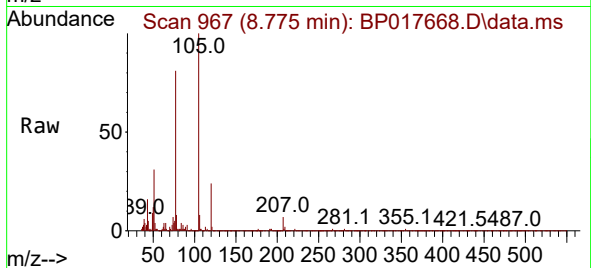
79 12.6 9.5 14.3





#16
Acetophenone
Concen: 3.861 ng/ul
RT: 8.775 min Scan# 90
Delta R.T. 0.012 min
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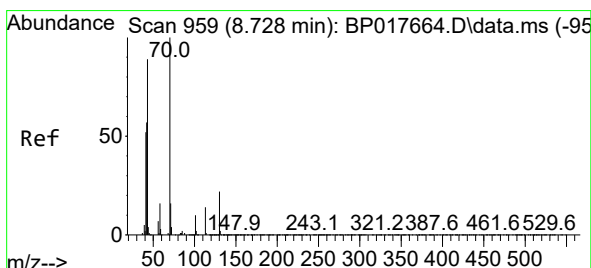
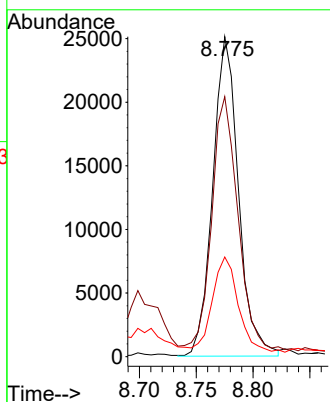
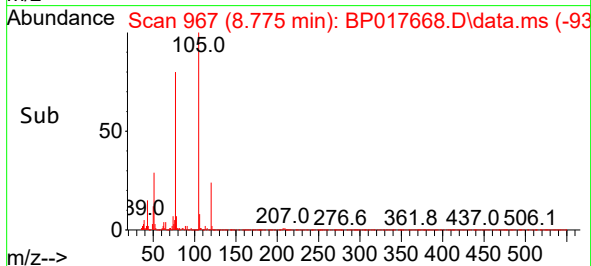
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ClientSampleId :
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Tgt Ion: 105 Resp: 3959
Ion Ratio Lower Upper
105 100
77 81.3 64.3 96.5
51 31.1 22.6 33.8

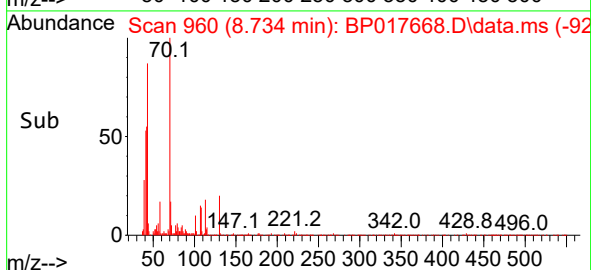
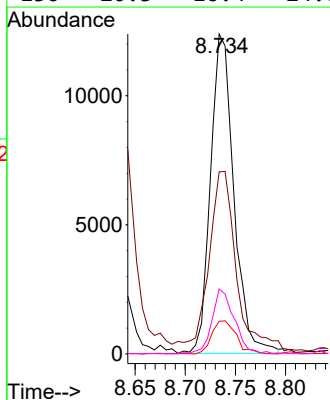
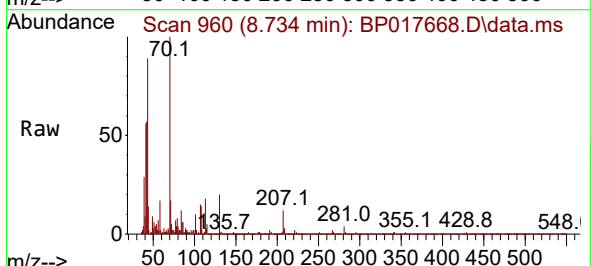
Manual Integrations
APPROVED

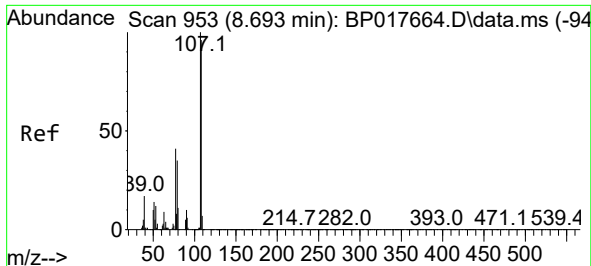
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.861 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion: 70 Resp: 20041
Ion Ratio Lower Upper
70 100
42 56.9 46.6 70.0
101 10.2 7.8 11.6
130 20.3 16.4 24.6





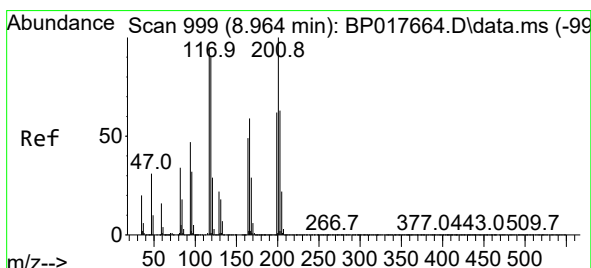
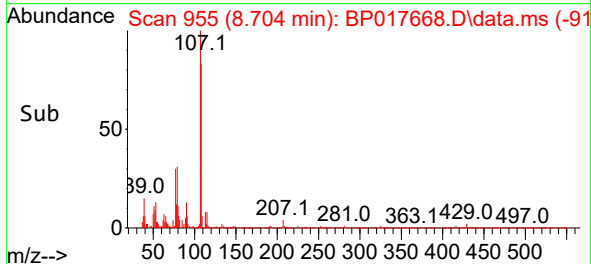
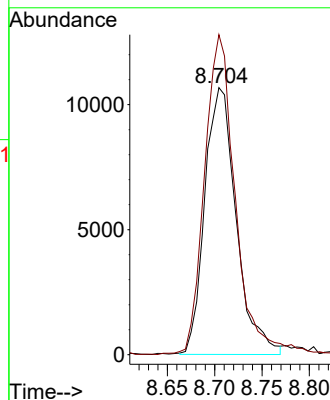
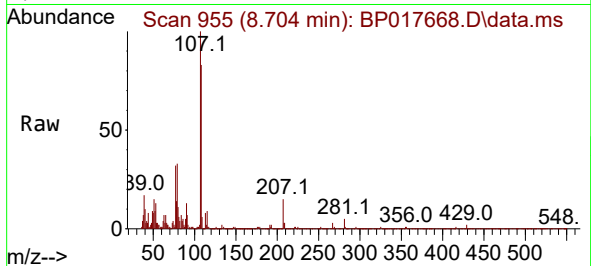
#18
4-Methylphenol
Concen: 3.729 ng/ul
RT: 8.704 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion:108 Resp: 2471
Ion Ratio Lower Upper
108 100
107 119.8 89.4 134.2

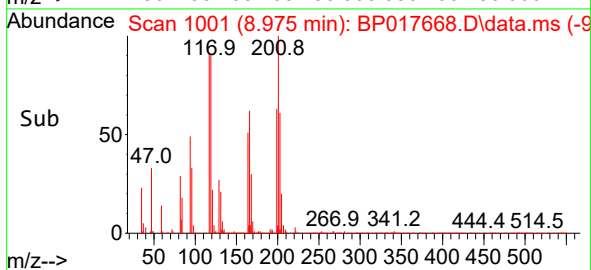
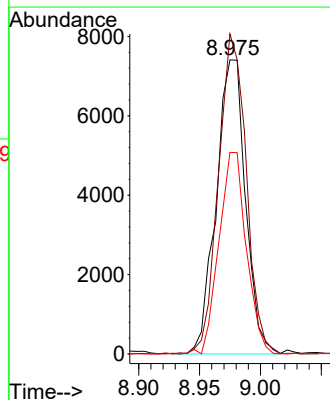
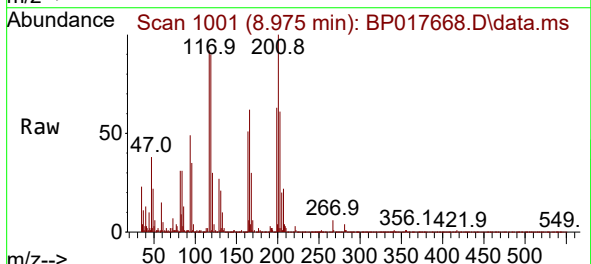
Manual Integrations
APPROVED

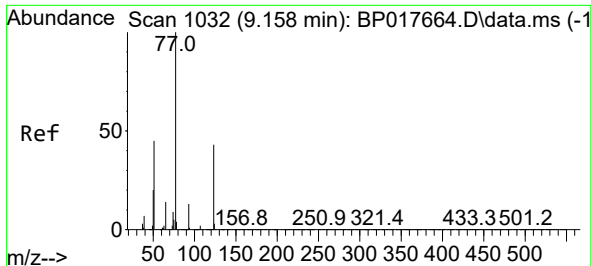
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#19
Hexachloroethane
Concen: 4.362 ng/ul
RT: 8.975 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion:117 Resp: 12436
Ion Ratio Lower Upper
117 100
201 108.8 85.4 128.2
199 68.6 53.7 80.5





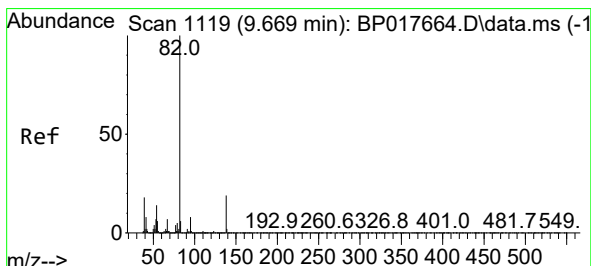
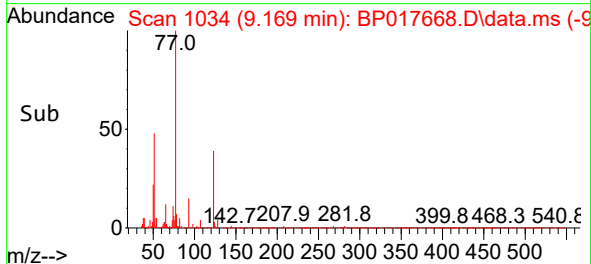
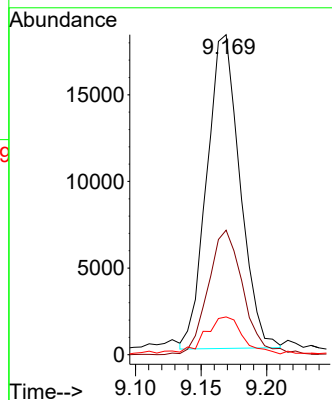
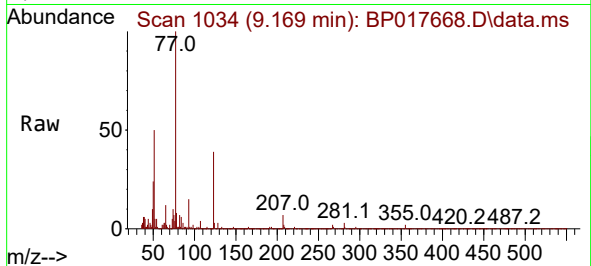
#22
Nitrobenzene
Concen: 4.110 ng/ul
RT: 9.169 min Scan# 1034
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion: 77 Resp: 31839
Ion Ratio Lower Upper
77 100
123 38.9 33.8 50.6
65 11.8 10.6 16.0

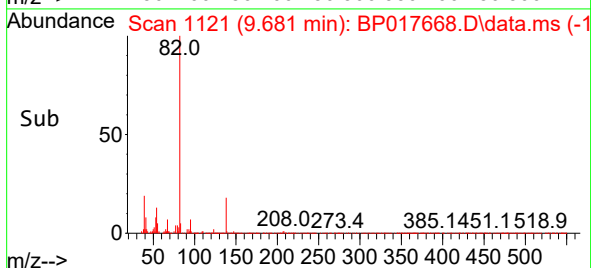
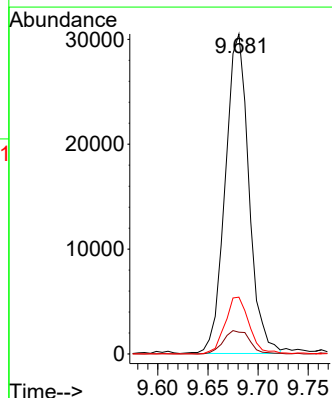
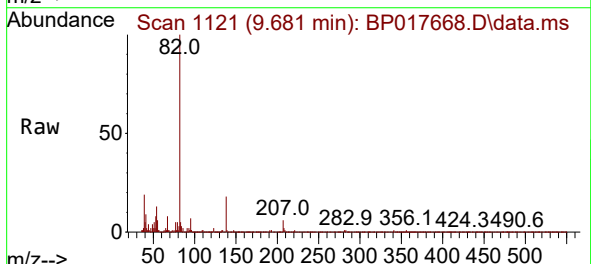
Manual Integrations
APPROVED

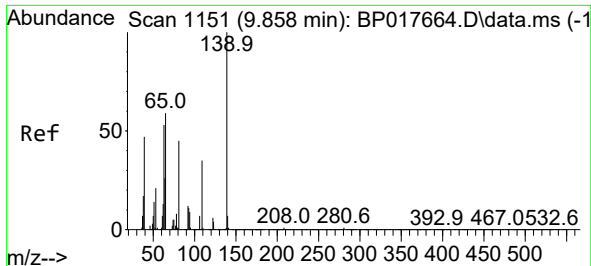
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#23
Isophorone
Concen: 3.560 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion: 82 Resp: 49723
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.8 13.9 20.9





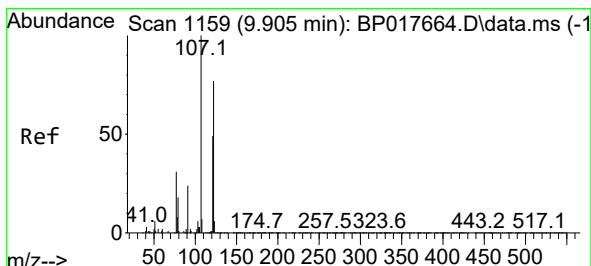
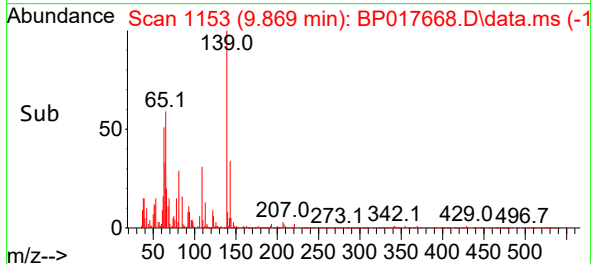
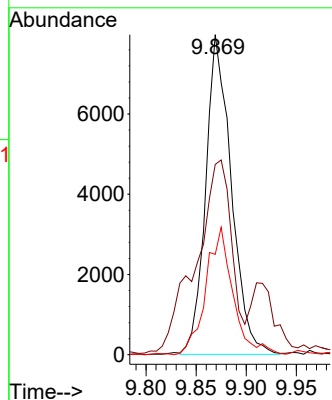
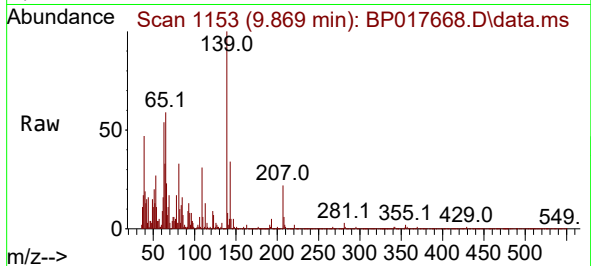
#25
2-Nitrophenol
Concen: 3.936 ng/ul
RT: 9.869 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion:139 Resp: 1420
Ion Ratio Lower Upper
139 100
65 59.4 43.4 65.2
109 31.3 28.1 42.1

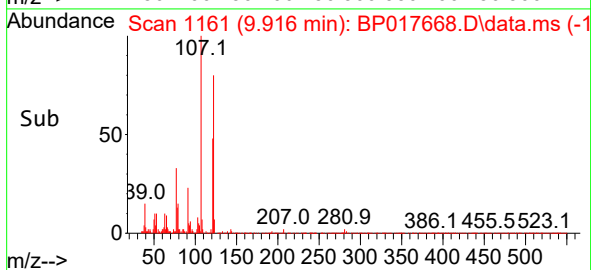
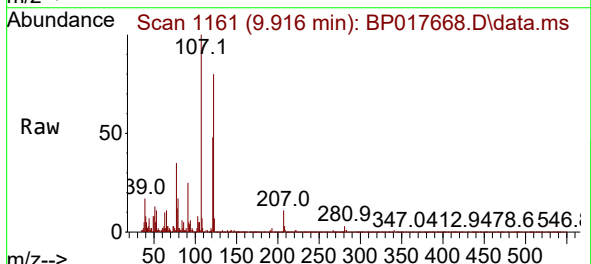
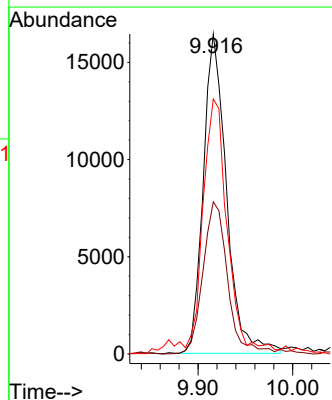
Manual Integrations
APPROVED

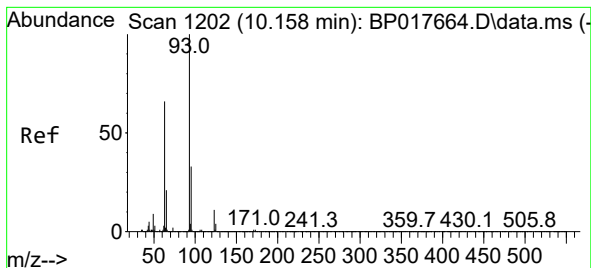
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#26
2,4-Dimethylphenol
Concen: 3.915 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion:107 Resp: 28067
Ion Ratio Lower Upper
107 100
121 47.5 37.6 56.4
122 79.7 67.0 100.6





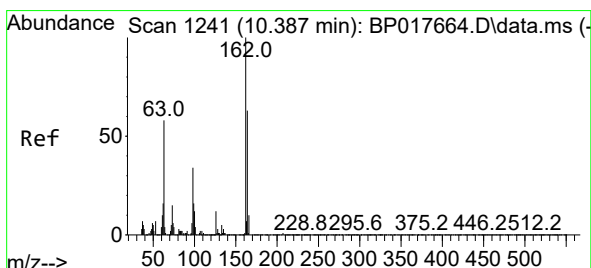
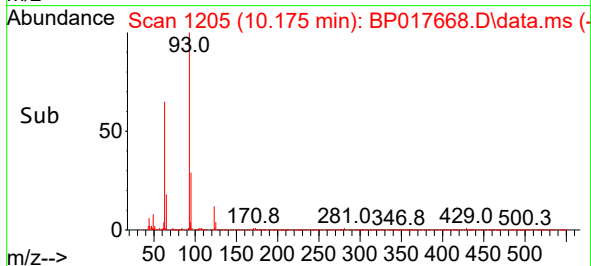
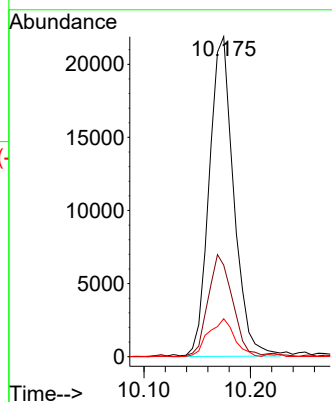
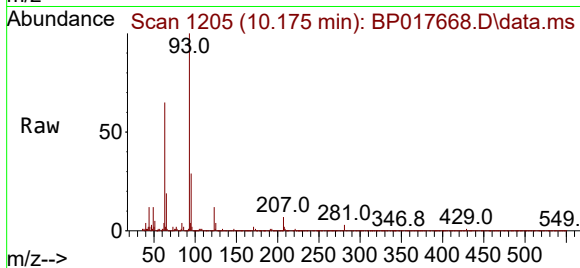
#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.102 ng/ul
 RT: 10.175 min Scan# 1205
 Delta R.T. 0.012 min
 Lab File: BP017668.D
 Acq: 13 Oct 2023 16:28

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

Tgt Ion: 93	Resp: 3500
Ion Ratio	Lower Upper
93 100	
95 28.6	25.9 38.9
123 11.8	8.8 13.2

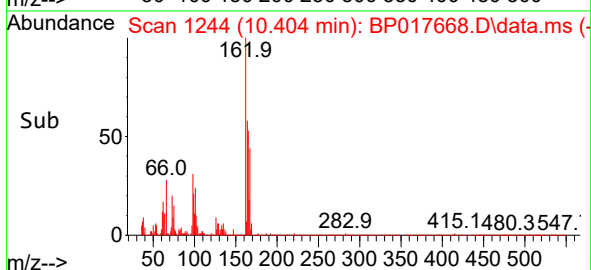
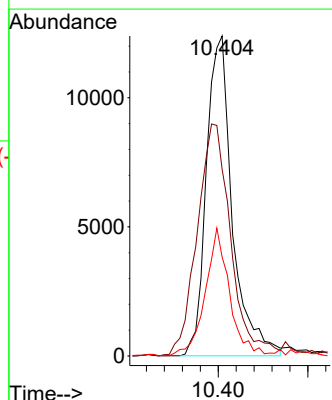
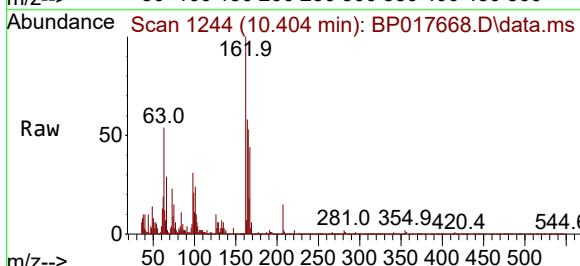
Manual Integrations
 APPROVED

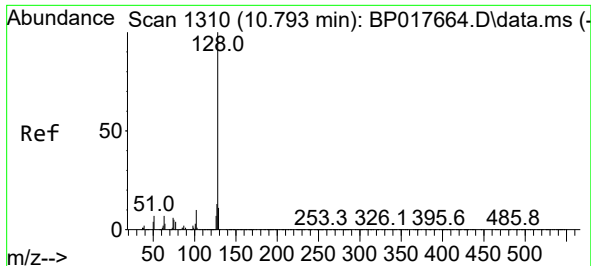
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023



#29
 2,4-Dichlorophenol
 Concen: 4.051 ng/ul
 RT: 10.404 min Scan# 1244
 Delta R.T. 0.018 min
 Lab File: BP017668.D
 Acq: 13 Oct 2023 16:28

Tgt Ion:162	Resp: 24913
Ion Ratio	Lower Upper
162 100	
164 58.4	50.5 75.7
98 30.9	27.8 41.8





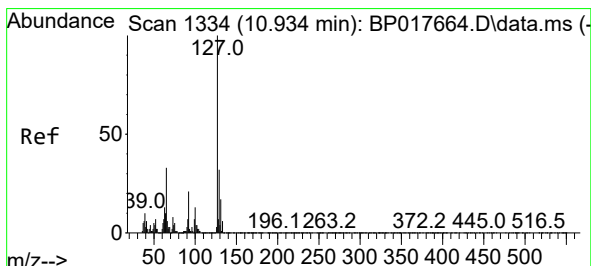
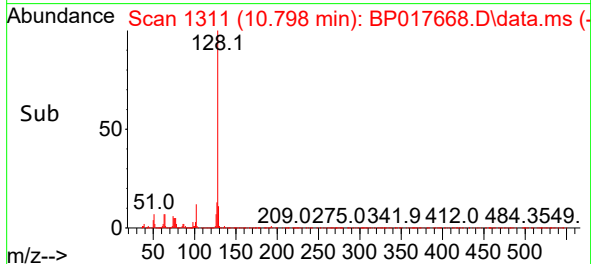
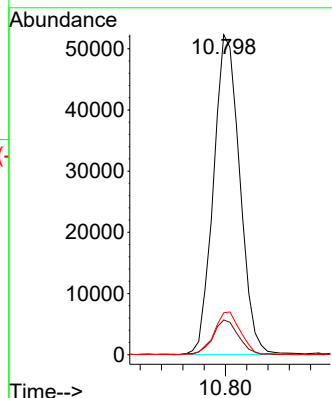
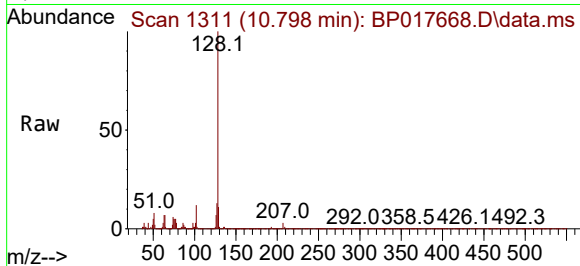
#30
Naphthalene
Concen: 4.287 ng/ul
RT: 10.798 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion:128 Resp: 8948
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.5 15.7

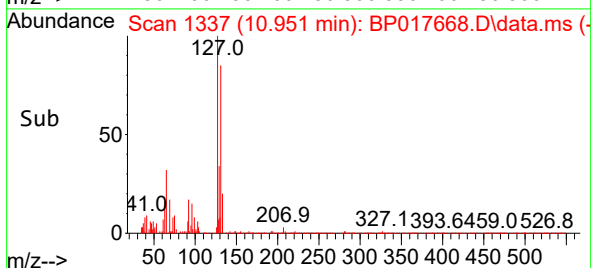
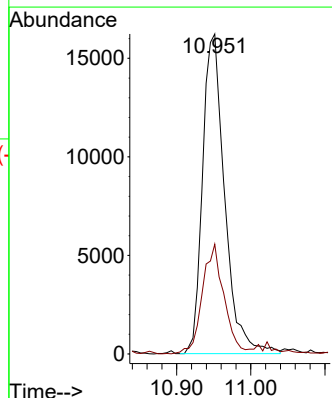
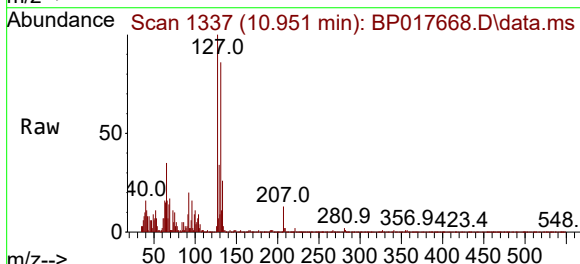
Manual Integrations
APPROVED

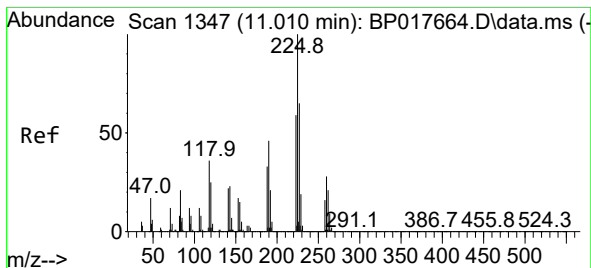
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#32
4-Chloroaniline
Concen: 3.855 ng/ul
RT: 10.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion:127 Resp: 33680
Ion Ratio Lower Upper
127 100
129 34.3 26.6 40.0





#33

Hexachlorobutadiene

Concen: 4.397 ng/ul

RT: 11.028 min Scan# 1347

Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

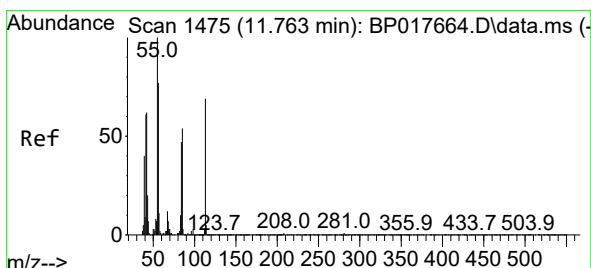
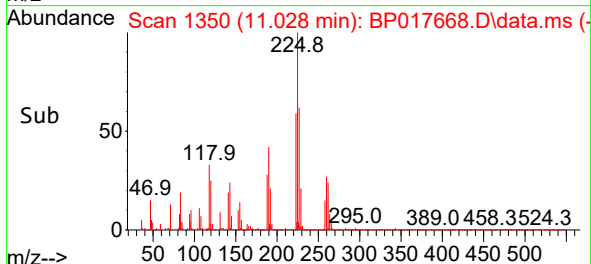
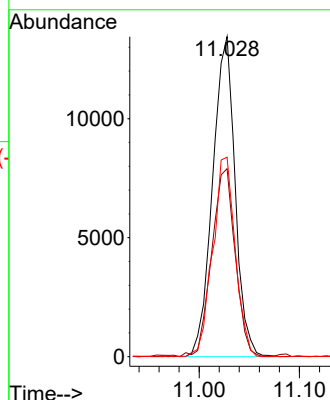
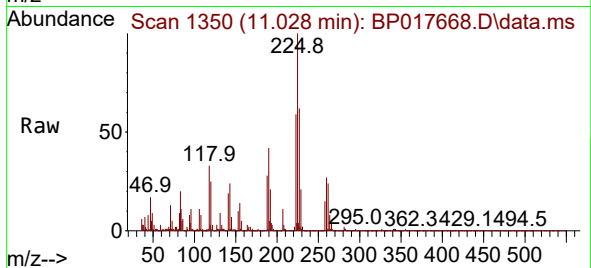
Tgt Ion:	225	Resp:	20910
Ion Ratio	Lower	Upper	
225	100		
223	58.7	50.2	75.2
227	62.4	51.0	76.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#34

Caprolactam

Concen: 6.082 ng/ul

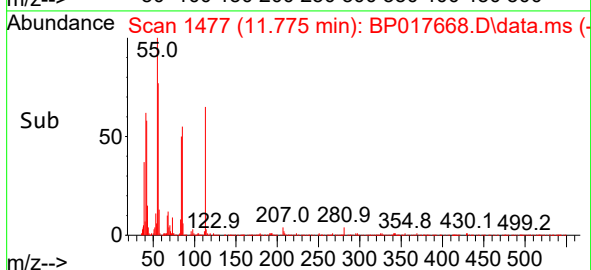
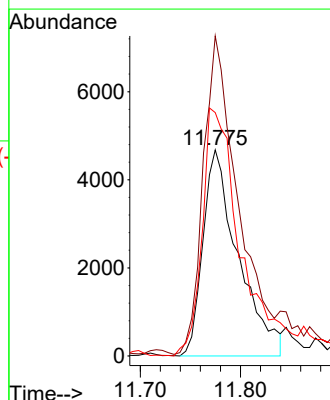
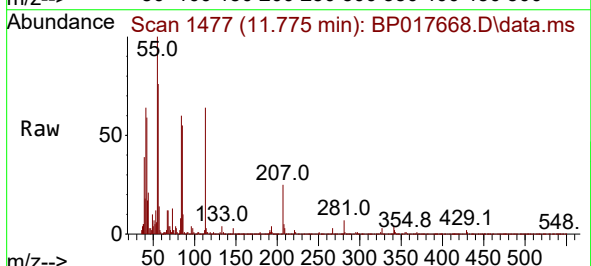
RT: 11.775 min Scan# 1477

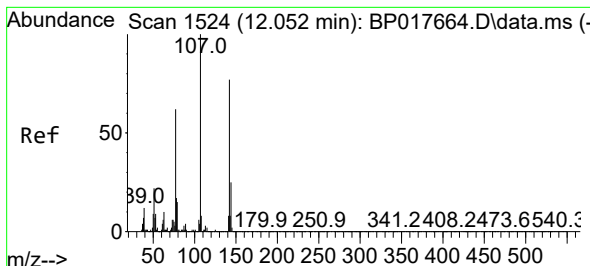
Delta R.T. 0.006 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

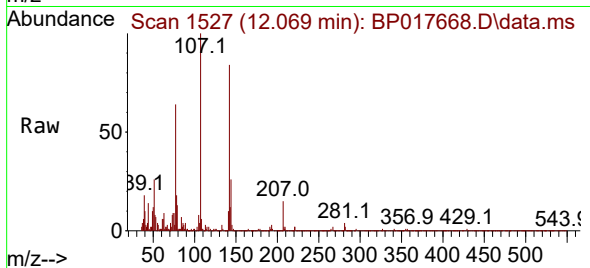
Tgt Ion:	113	Resp:	11442
Ion Ratio	Lower	Upper	
113	100		
55	155.3	126.9	190.3
56	118.1	97.9	146.9





#35
4-Chloro-3-methylphenol
Concen: 3.242 ng/ul
RT: 12.069 min Scan# 1524
Delta R.T. 0.018 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

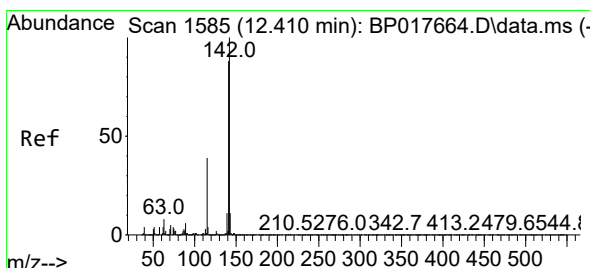
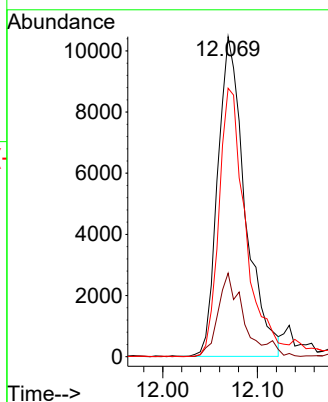
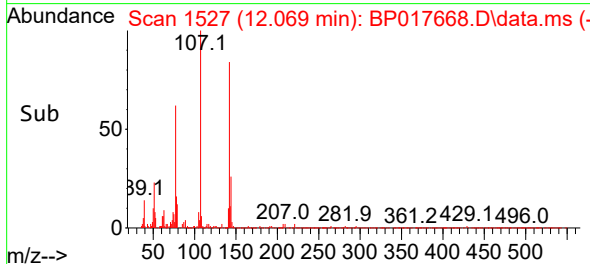
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2023-03



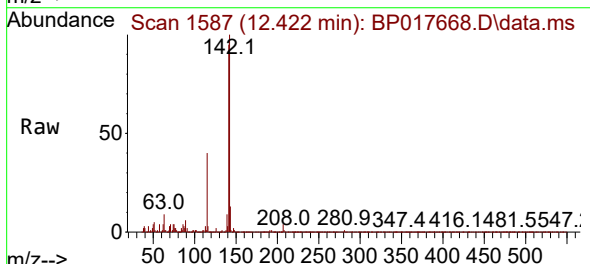
Tgt Ion:107 Resp: 21039
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 83.9 63.3 94.9

Manual Integrations
APPROVED

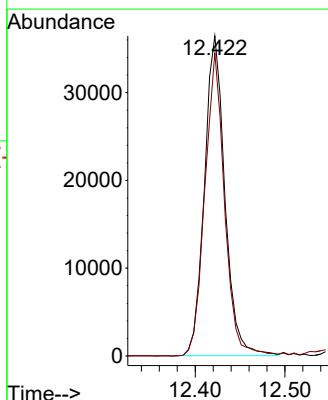
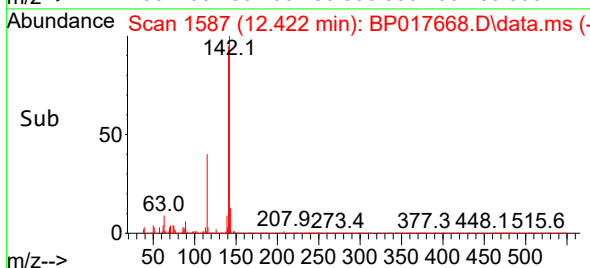
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

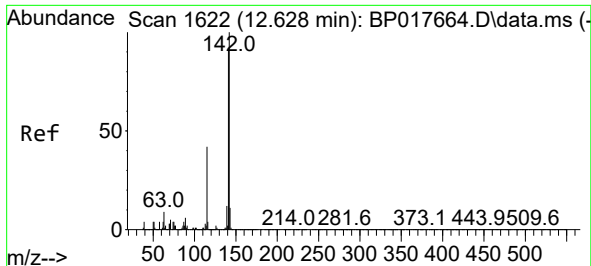


#36
2-Methylnaphthalene
Concen: 4.031 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28



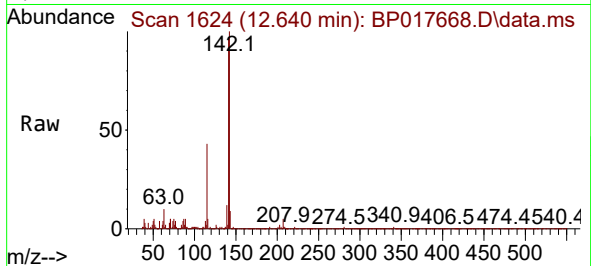
Tgt Ion:142 Resp: 57619
Ion Ratio Lower Upper
142 100
141 94.8 72.8 109.2





#37
1-Methylnaphthalene
Concen: 4.159 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

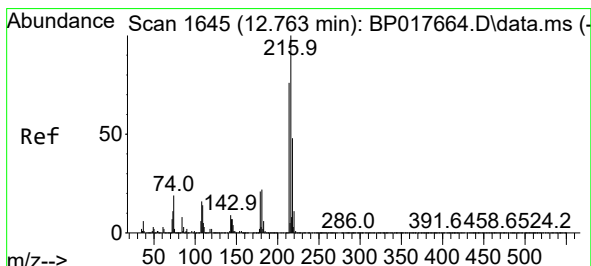
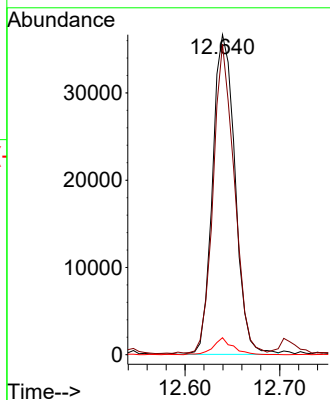
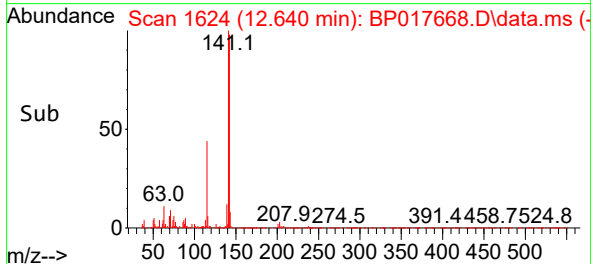
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



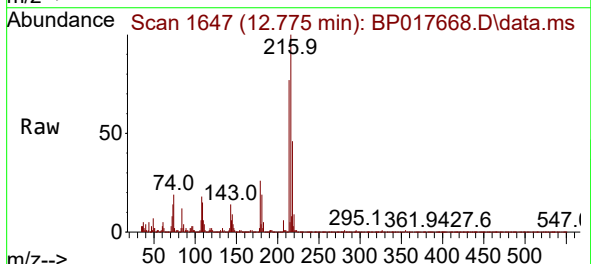
Tgt Ion:142 Resp: 60339
Ion Ratio Lower Upper
142 100
141 97.0 74.3 111.5
116 5.3 3.3 4.9

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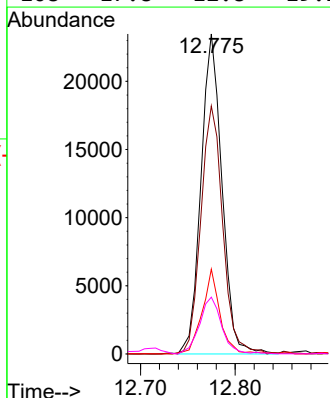
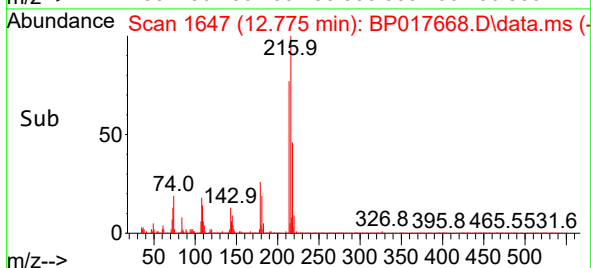
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

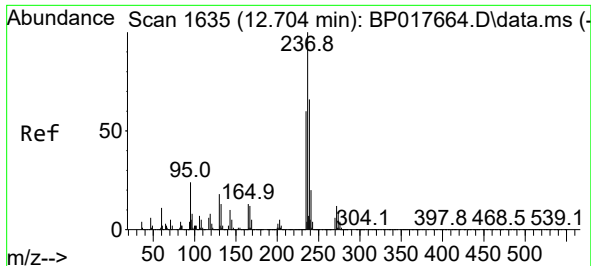


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.344 ng/ul
RT: 12.775 min Scan# 1647
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28



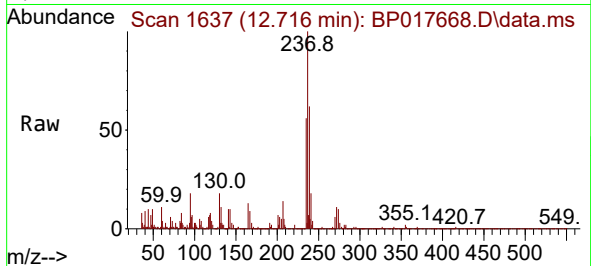
Tgt Ion:216 Resp: 36106
Ion Ratio Lower Upper
216 100
214 77.5 59.8 89.8
179 26.5 16.6 25.0#
108 17.8 12.8 19.2





#40
Hexachlorocyclopentadiene
Concen: 4.209 ng/ul
RT: 12.716 min Scan# 1637
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

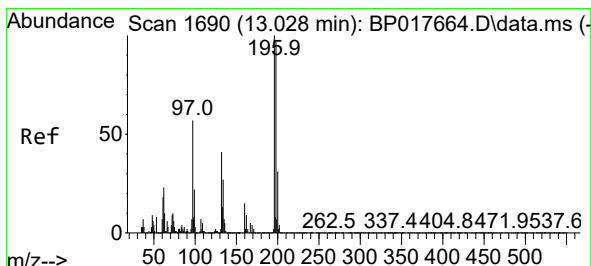
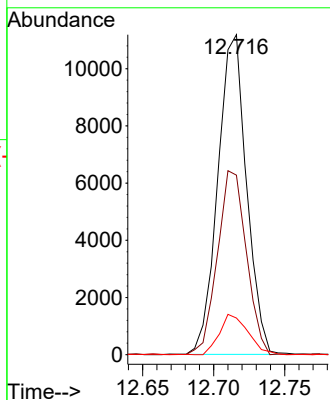
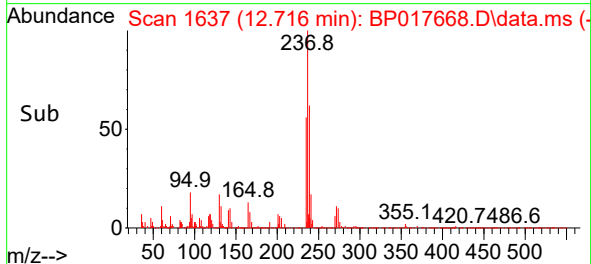
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



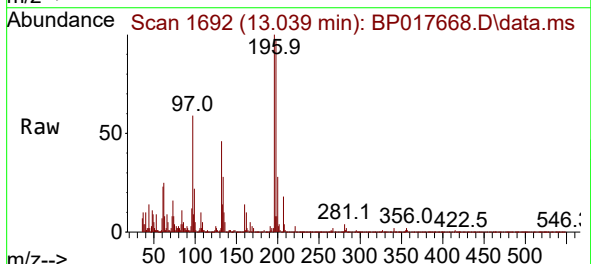
Tgt Ion:237 Resp: 15710
Ion Ratio Lower Upper
237 100
235 56.1 50.4 75.6
272 11.4 11.3 16.9

Manual Integrations
APPROVED

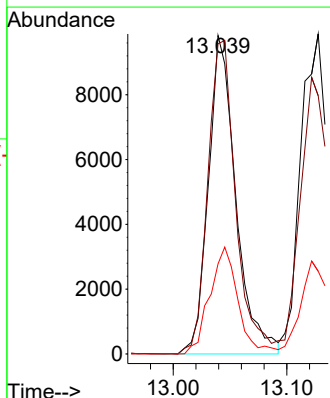
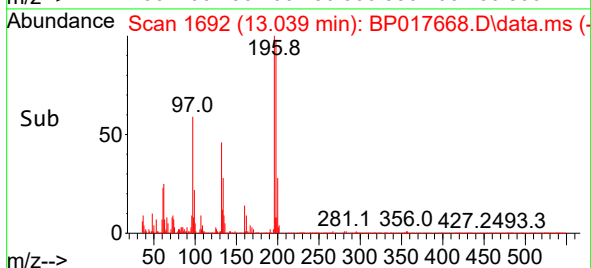
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

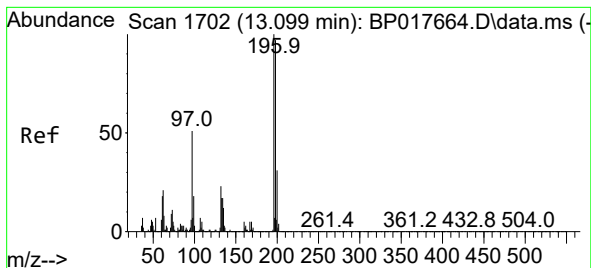


#41
2,4,6-Trichlorophenol
Concen: 3.224 ng/ul
RT: 13.039 min Scan# 1692
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28



Tgt Ion:196 Resp: 16503
Ion Ratio Lower Upper
196 100
198 97.4 77.3 115.9
200 28.3 25.4 38.2





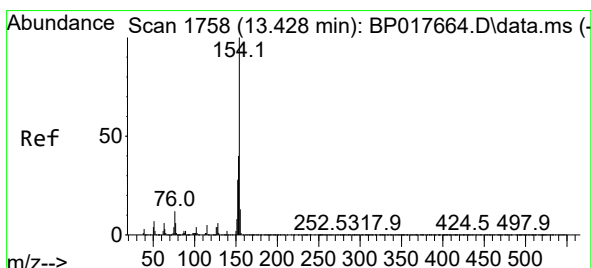
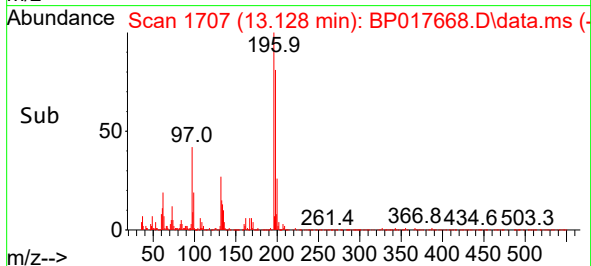
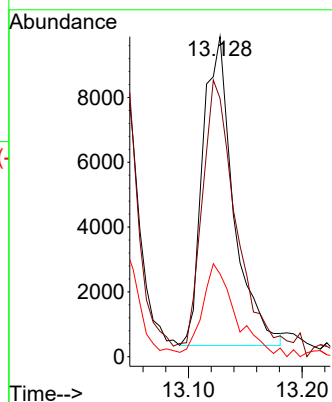
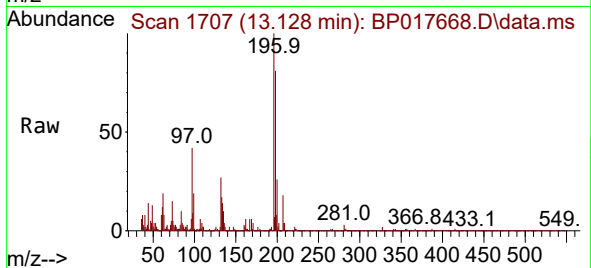
#42
2,4,5-Trichlorophenol
Concen: 3.319 ng/ul
RT: 13.128 min Scan# 1760
Delta R.T. 0.029 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion:196 Resp: 17930
Ion Ratio Lower Upper
196 100
198 80.7 73.0 109.4
200 25.8 23.9 35.9

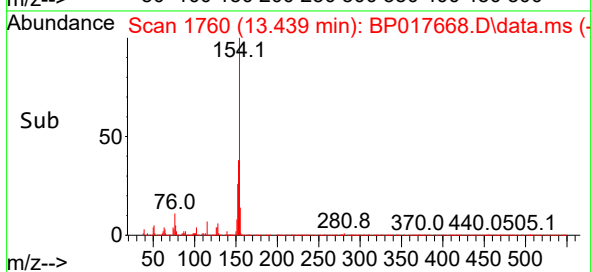
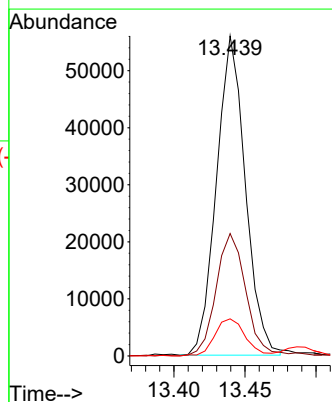
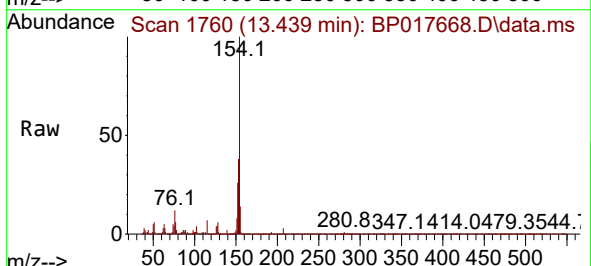
Manual Integrations
APPROVED

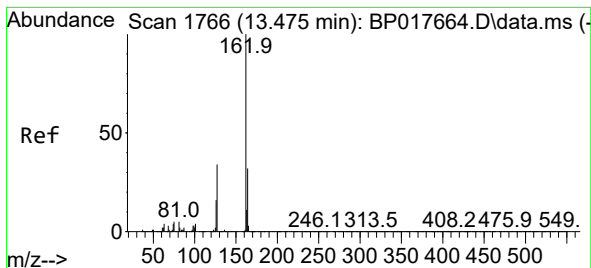
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#43
1,1'-Biphenyl
Concen: 4.239 ng/ul
RT: 13.439 min Scan# 1760
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion:154 Resp: 79155
Ion Ratio Lower Upper
154 100
153 38.3 32.5 48.7
76 11.6 10.4 15.6





#44

2-Chloronaphthalene

Concen: 4.234 ng/ul

RT: 13.487 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

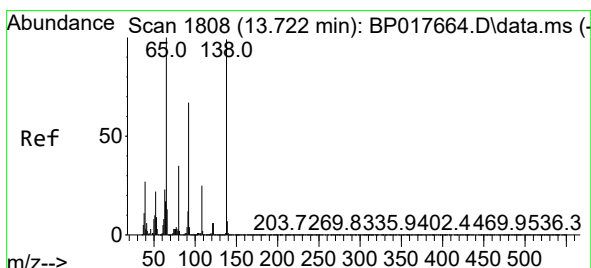
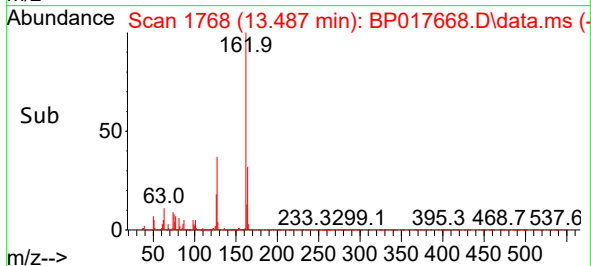
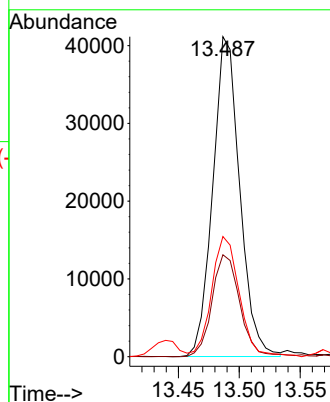
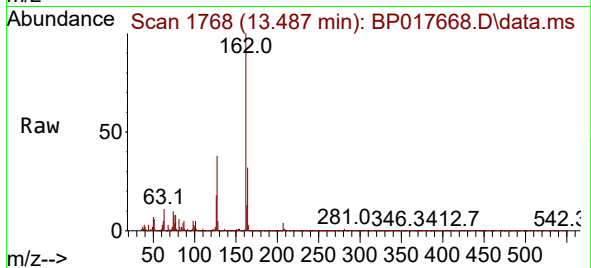
Tgt Ion:	162	Resp:	6324
Ion Ratio	Lower	Upper	
162	100		
164	31.8	26.5	39.7
127	37.5	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#45

2-Nitroaniline

Concen: 2.813 ng/ul

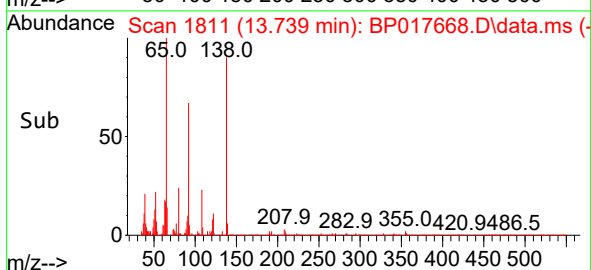
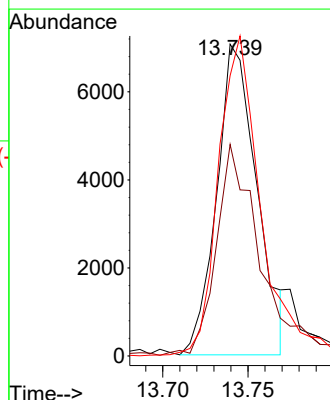
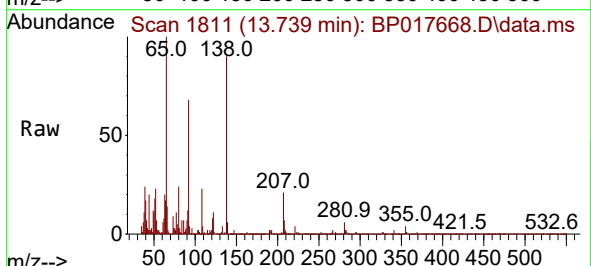
RT: 13.739 min Scan# 1811

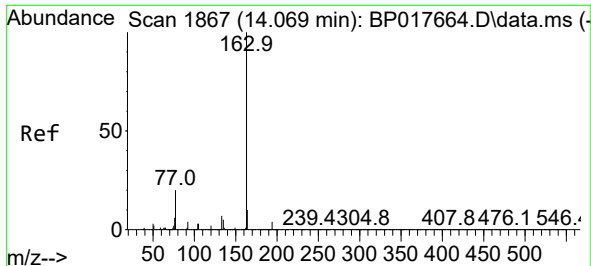
Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:	65	Resp:	11616
Ion Ratio	Lower	Upper	
65	100		
92	67.8	55.3	82.9
138	89.9	82.8	124.2





#47

Dimethylphthalate

Concen: 4.111 ng/ul

RT: 14.081 min Scan# 1869

Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

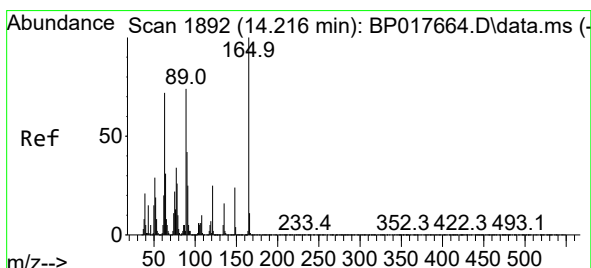
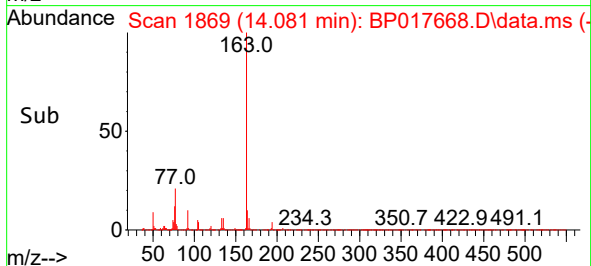
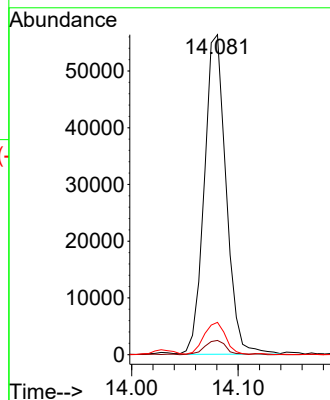
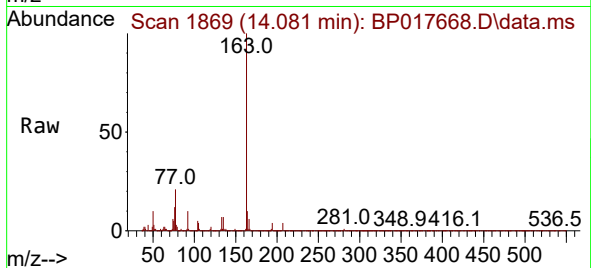
Tgt Ion:	163	Resp:	8011
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.1	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#48

2,6-Dinitrotoluene

Concen: 2.919 ng/ul

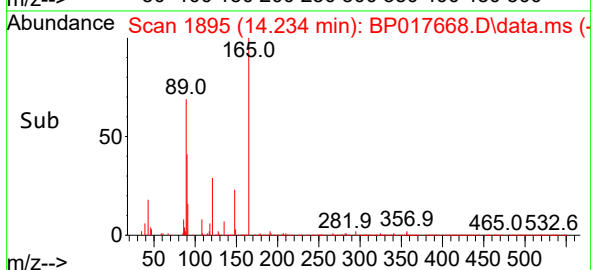
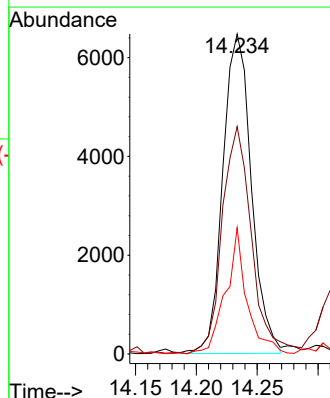
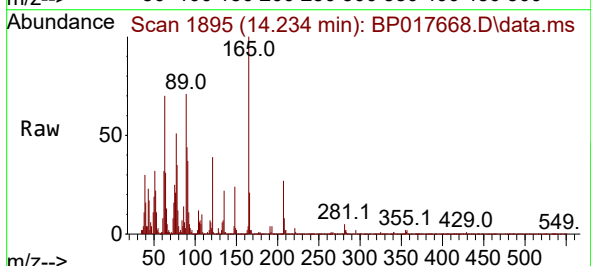
RT: 14.234 min Scan# 1895

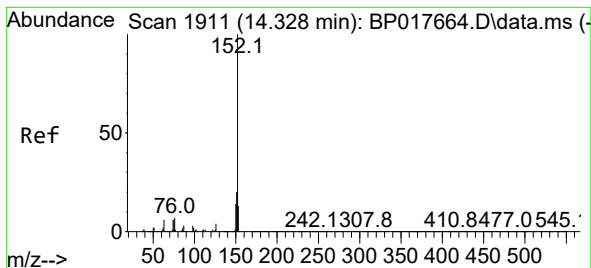
Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:	165	Resp:	10528
Ion Ratio	Lower	Upper	
165	100		
89	71.1	49.0	73.4
121	39.5	16.5	24.7





#50

Acenaphthylene

Concen: 4.095 ng/ul

RT: 14.339 min Scan# 1913

Delta R.T. 0.006 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNP_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

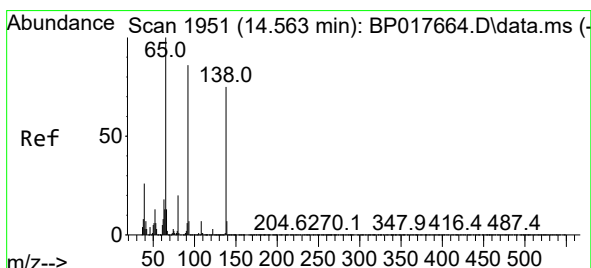
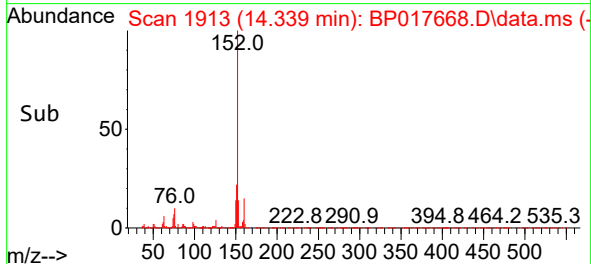
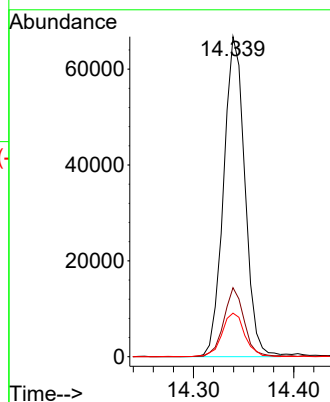
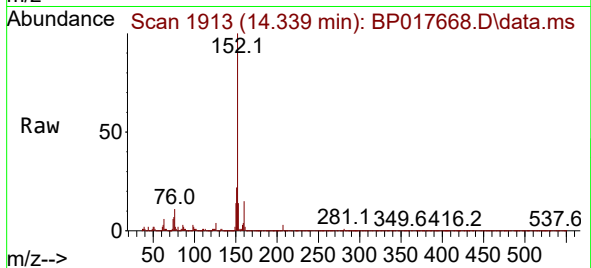
Tgt Ion:	152	Resp:	9843
Ion Ratio	Lower	Upper	
152	100		
151	21.6	15.8	23.8
153	13.6	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#51

3-Nitroaniline

Concen: 3.115 ng/ul m

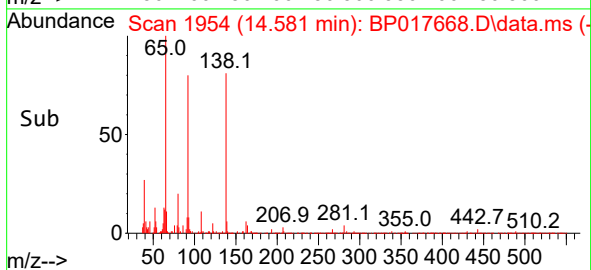
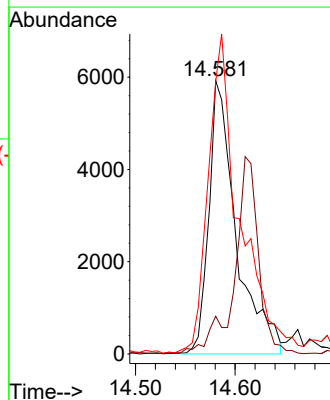
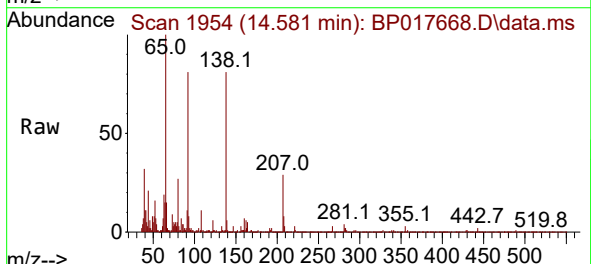
RT: 14.581 min Scan# 1954

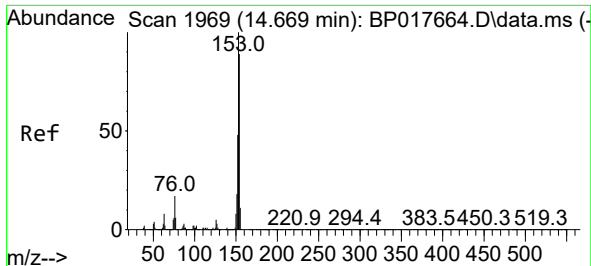
Delta R.T. 0.018 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:	138	Resp:	11331
Ion Ratio	Lower	Upper	
138	100		
108	13.8	8.2	12.2
92	99.8	99.0	148.6





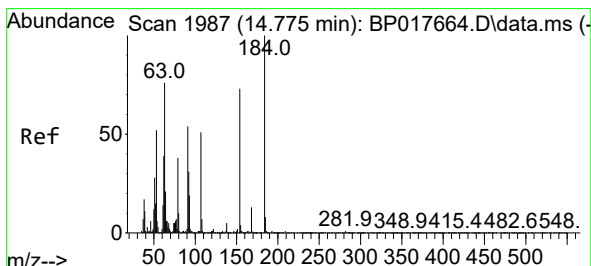
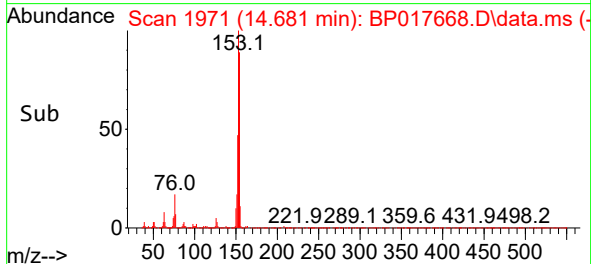
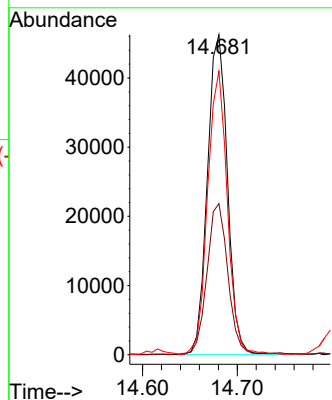
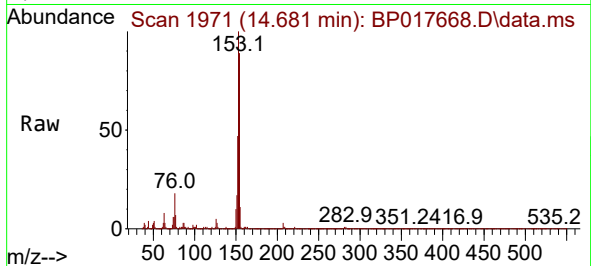
#52
Acenaphthene
Concen: 4.241 ng/ul
RT: 14.681 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion:153 Resp: 6780
Ion Ratio Lower Upper
153 100
152 47.2 38.9 58.3
154 88.6 71.6 107.4

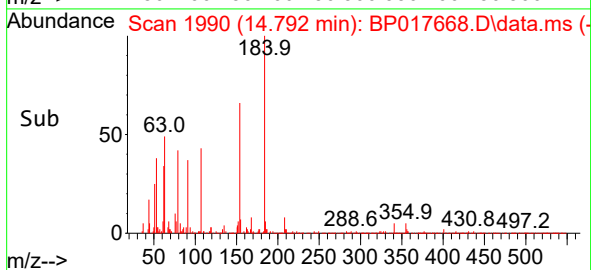
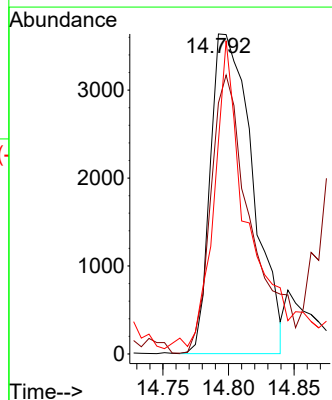
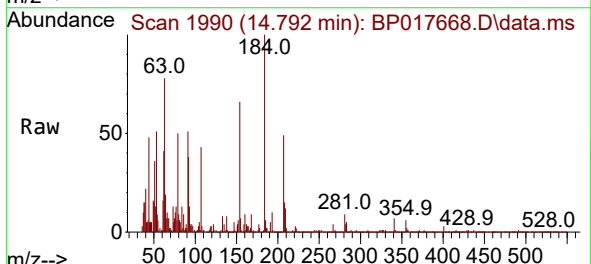
Manual Integrations
APPROVED

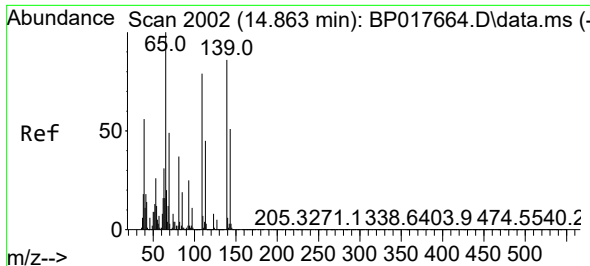
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#53
2,4-Dinitrophenol
Concen: 3.657 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.018 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

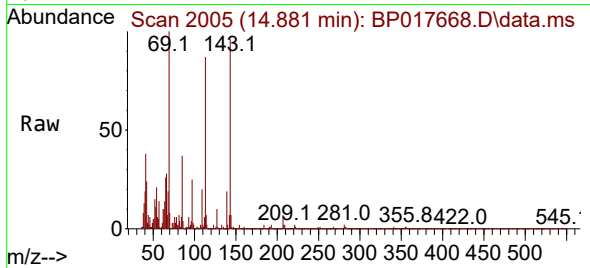
Tgt Ion:184 Resp: 8144
Ion Ratio Lower Upper
184 100
63 78.5 61.4 92.0
154 66.5 54.8 82.2





#55
4-Nitrophenol
Concen: 3.273 ng/ul m
RT: 14.881 min Scan# 2005
Delta R.T. 0.018 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

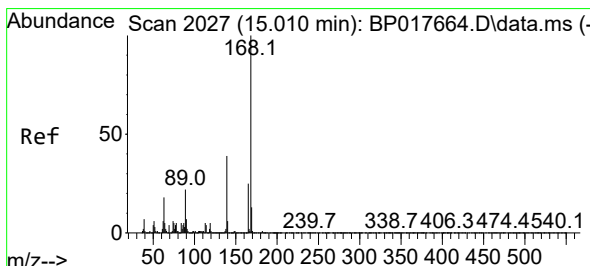
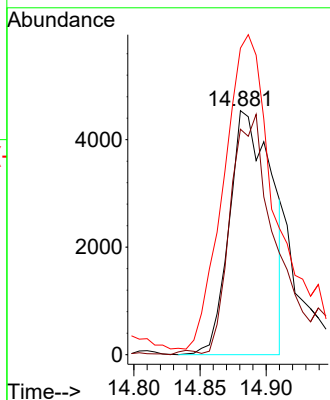
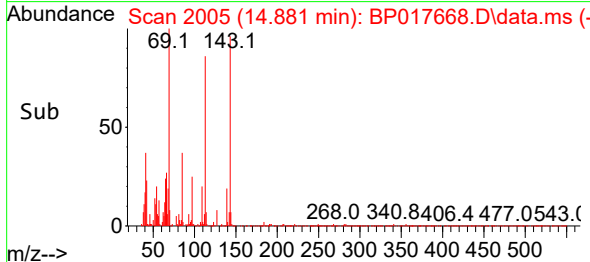
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



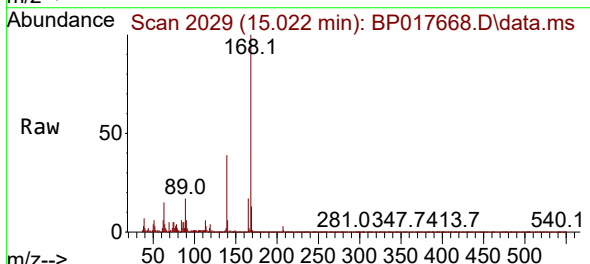
Tgt Ion:109 Resp: 1012
Ion Ratio Lower Upper
109 100
139 92.4 90.5 135.7
65 125.6 95.7 143.5

Manual Integrations
APPROVED

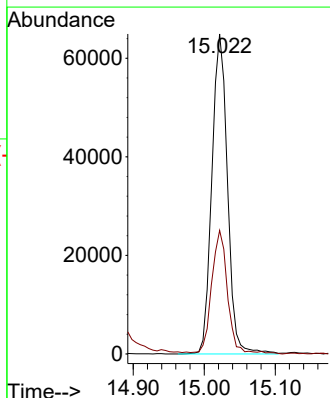
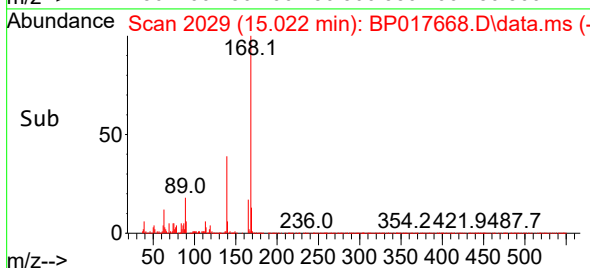
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

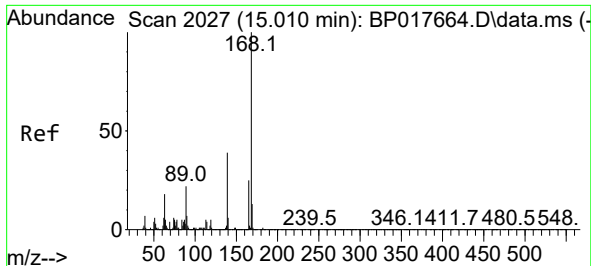


#56
Dibenzofuran
Concen: 4.316 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28



Tgt Ion:168 Resp: 99003
Ion Ratio Lower Upper
168 100
139 38.6 30.5 45.7





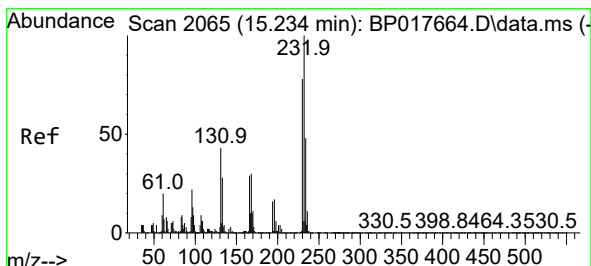
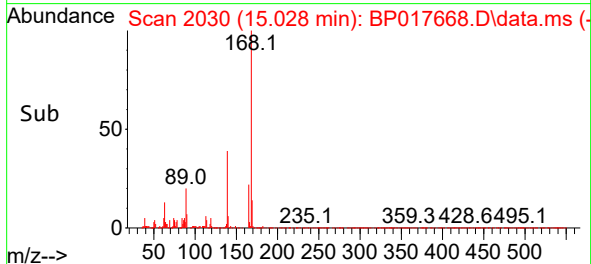
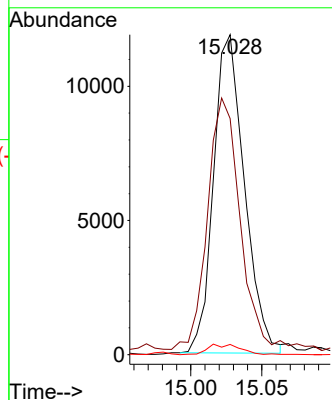
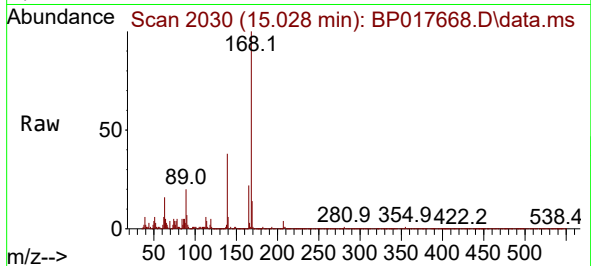
#57
2,4-Dinitrotoluene
Concen: 3.228 ng/ul
RT: 15.028 min Scan# 2027
Delta R.T. 0.018 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion:165 Resp: 1797
Ion Ratio Lower Upper
165 100
63 73.8 52.7 79.1
182 3.2 2.2 3.4

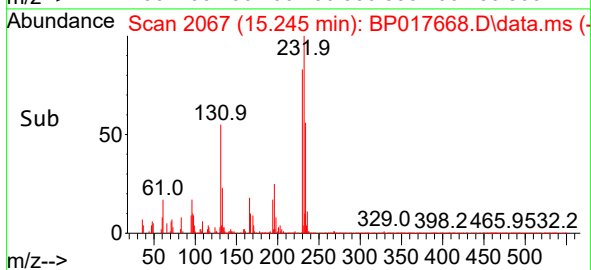
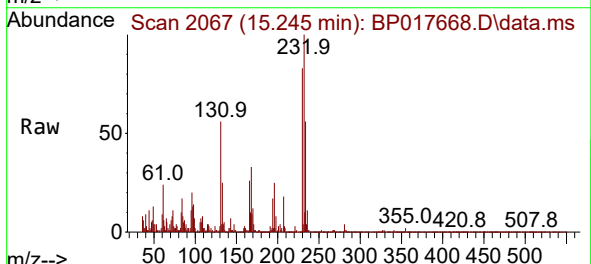
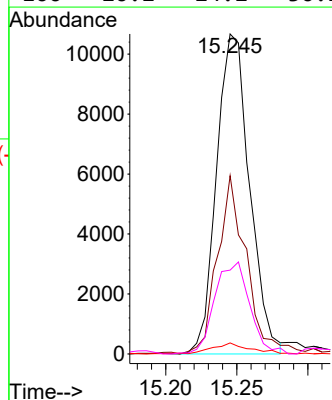
Manual Integrations
APPROVED

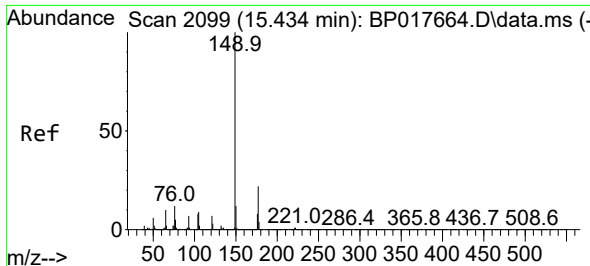
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.454 ng/ul
RT: 15.245 min Scan# 2067
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

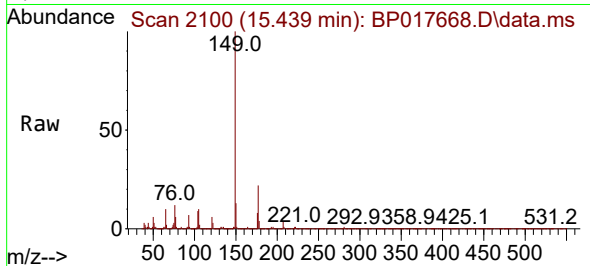
Tgt Ion:232 Resp: 17265
Ion Ratio Lower Upper
232 100
131 55.7 33.6 50.4#
130 3.5 2.0 3.0#
166 26.2 24.2 36.2





#59
Diethylphthalate
Concen: 3.792 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

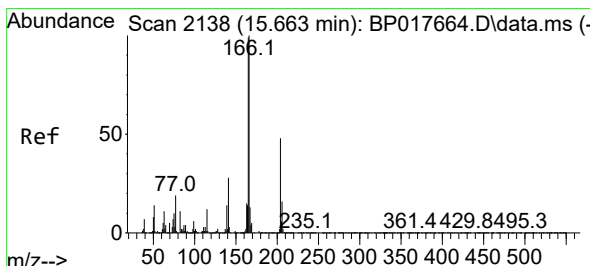
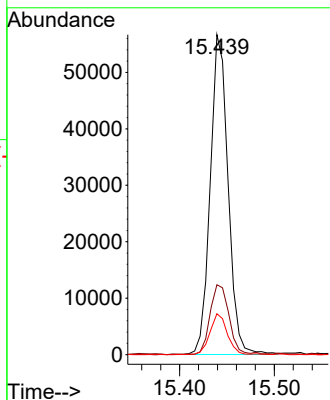
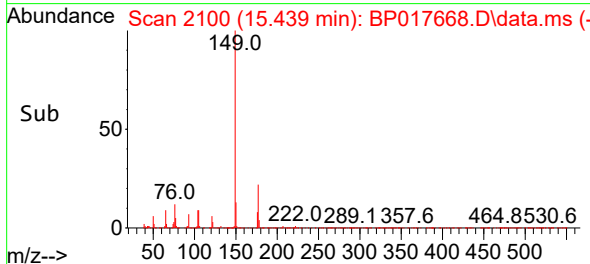
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:149 Resp: 7412
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.8 10.1 15.1

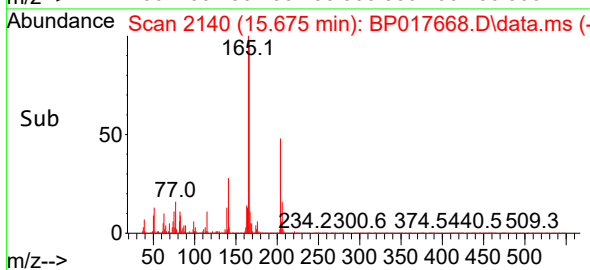
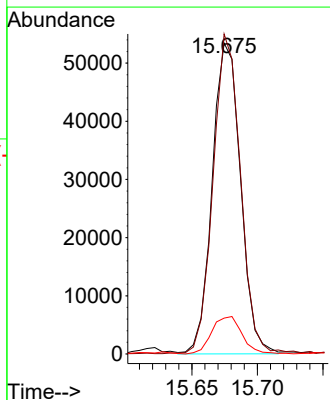
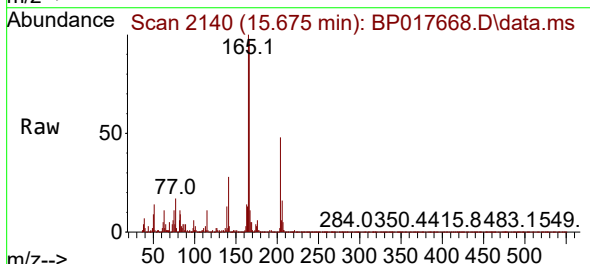
Manual Integrations
APPROVED

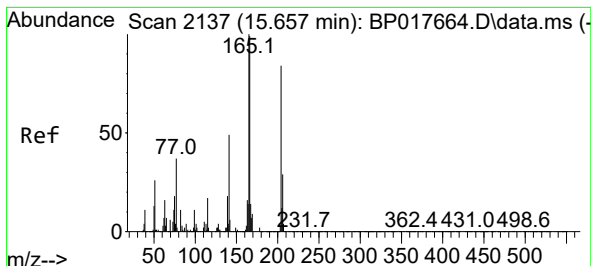
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#61
Fluorene
Concen: 4.240 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion:166 Resp: 80174
Ion Ratio Lower Upper
166 100
165 102.9 79.6 119.4
167 11.5 11.1 16.7





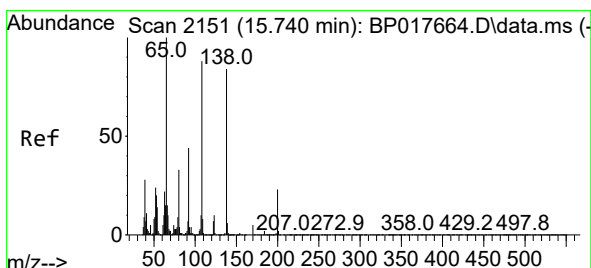
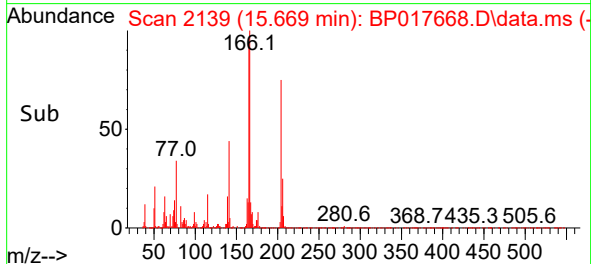
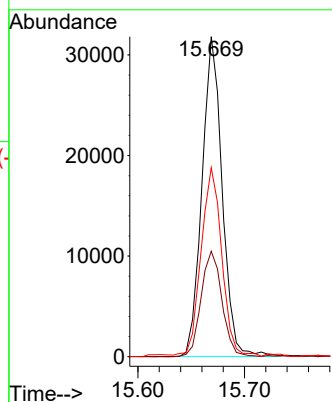
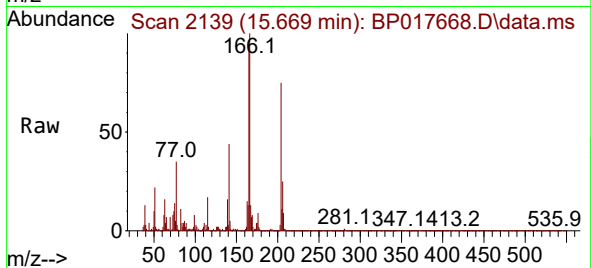
#62
4-Chlorophenyl-phenylether
Concen: 4.171 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion:204 Resp: 4194
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 59.1 43.9 65.9

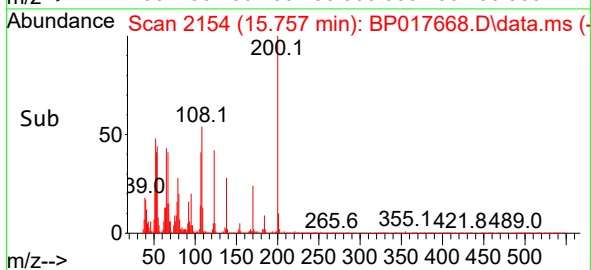
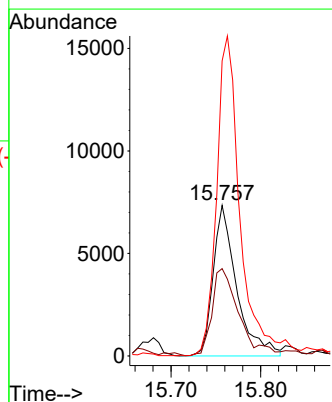
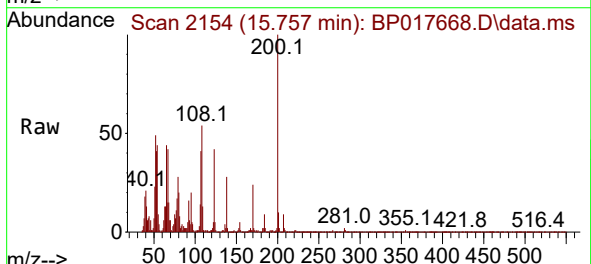
Manual Integrations
APPROVED

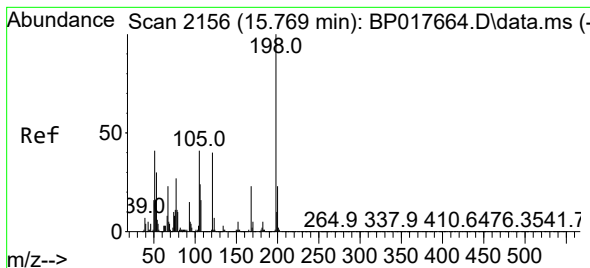
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#63
4-Nitroaniline
Concen: 3.703 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.017 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion:138 Resp: 13387
Ion Ratio Lower Upper
138 100
92 58.0 43.0 64.6
108 195.8 82.2 123.4#





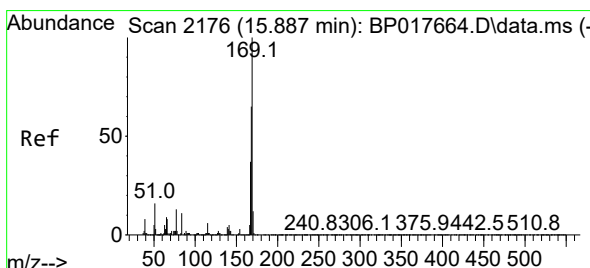
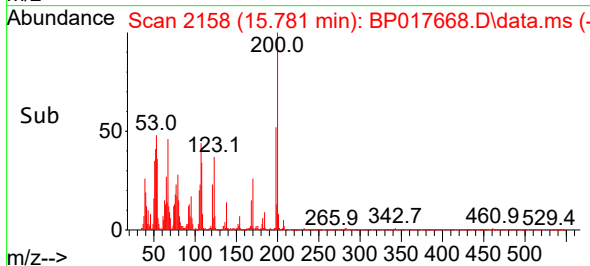
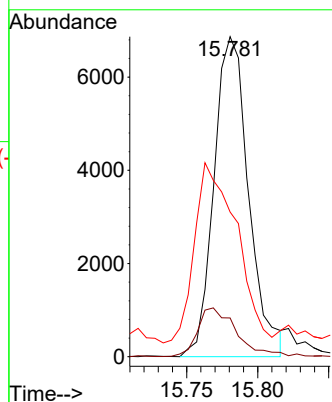
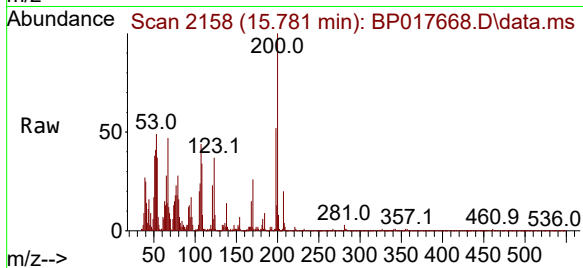
#66
4,6-Dinitro-2-methylphenol
Concen: 3.015 ng/ul
RT: 15.781 min Scan# 2156
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion:198 Resp: 11674
Ion Ratio Lower Upper
198 100
182 12.1 3.4 5.0
77 45.2 23.0 34.6

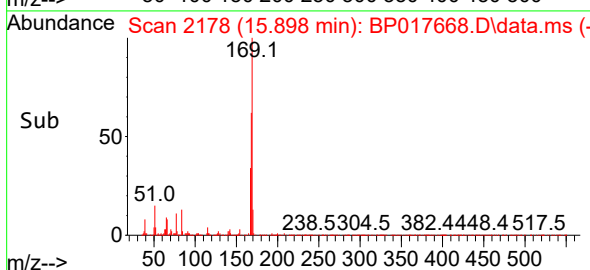
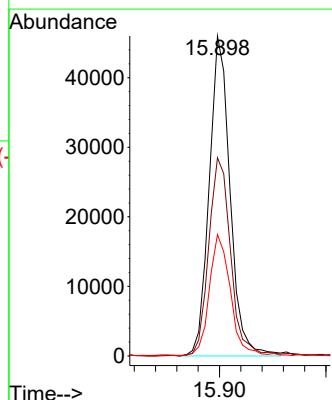
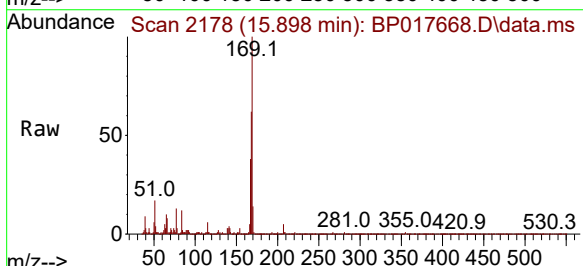
Manual Integrations
APPROVED

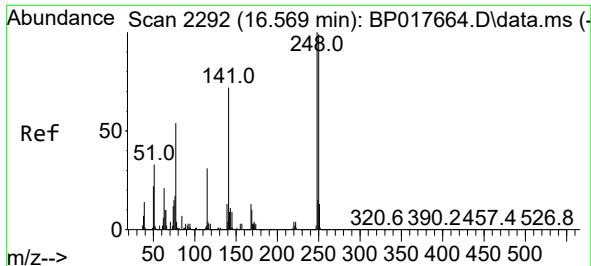
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#67
N-Nitrosodiphenylamine
Concen: 3.995 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

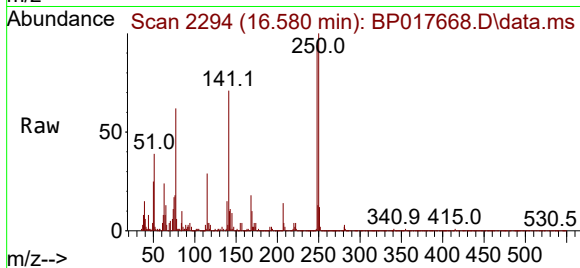
Tgt Ion:169 Resp: 62447
Ion Ratio Lower Upper
169 100
168 61.9 53.3 79.9
167 38.0 29.6 44.4





#68
4-Bromophenyl-phenylether
Concen: 4.090 ng/ul
RT: 16.580 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

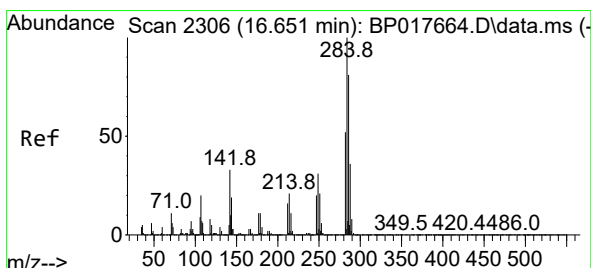
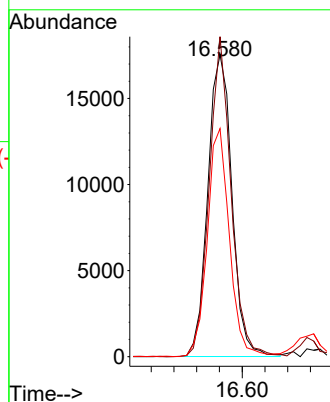
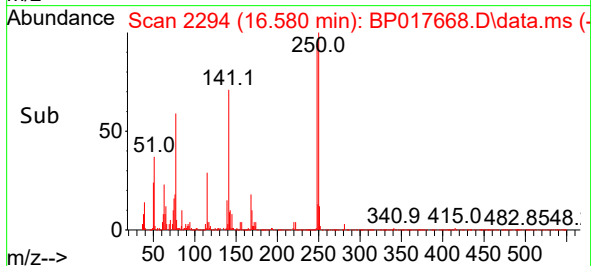
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



Tgt Ion:248 Resp: 2579
Ion Ratio Lower Upper
248 100
250 105.9 75.9 113.9
141 75.5 57.2 85.8

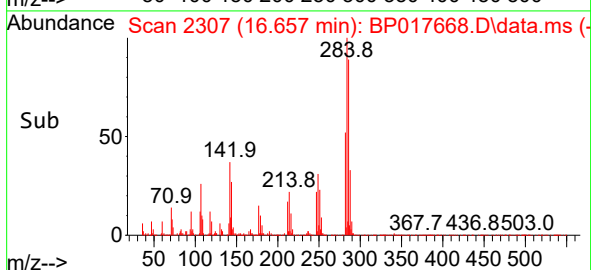
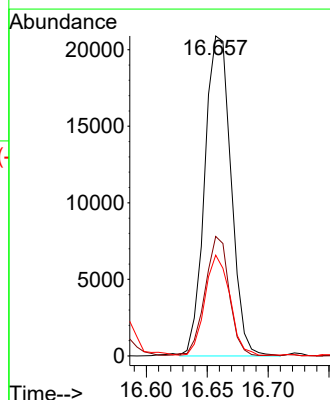
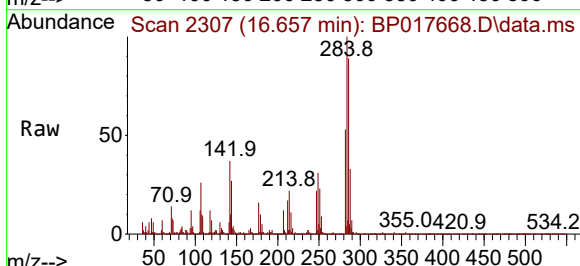
Manual Integrations
APPROVED

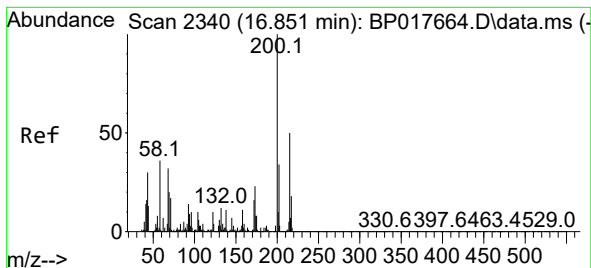
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#69
Hexachlorobenzene
Concen: 4.178 ng/ul
RT: 16.657 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion:284 Resp: 31363
Ion Ratio Lower Upper
284 100
142 37.3 25.8 38.6
249 31.5 24.9 37.3





#70

Atrazine

Concen: 3.458 ng/ul

RT: 16.863 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017668.D

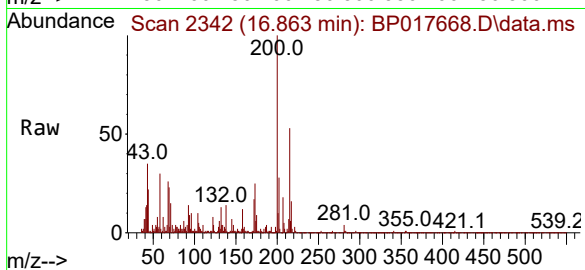
Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03



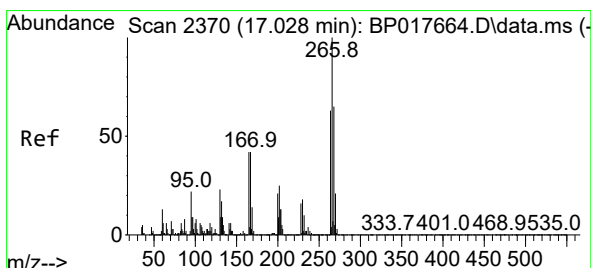
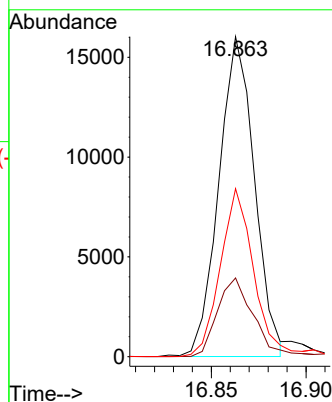
Tgt Ion:	200	Resp:	2091
Ion Ratio	Lower	Upper	
200	100		
173	24.6	19.9	29.9
215	52.5	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#71

Pentachlorophenol

Concen: 3.901 ng/ul

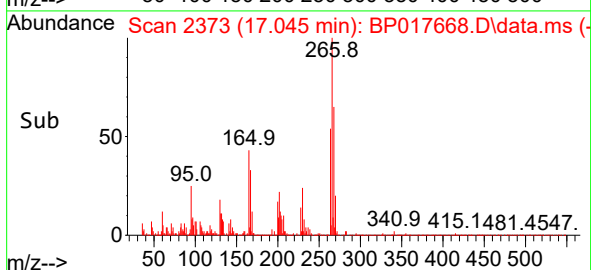
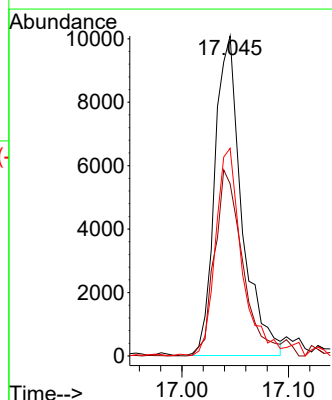
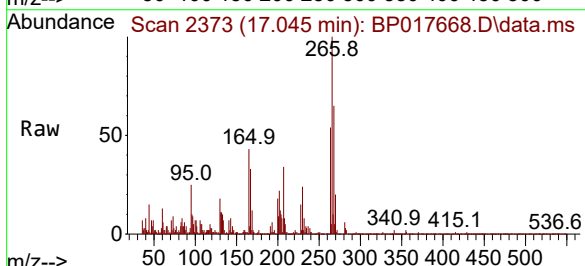
RT: 17.045 min Scan# 2373

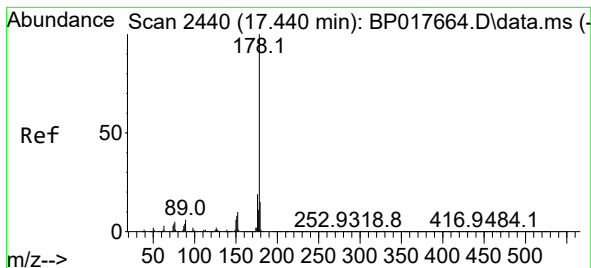
Delta R.T. 0.017 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:	266	Resp:	17734
Ion Ratio	Lower	Upper	
266	100		
264	58.7	49.2	73.8
268	64.9	51.8	77.6





#72

Phenanthrene

Concen: 4.202 ng/ul

RT: 17.451 min Scan# 2440

Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

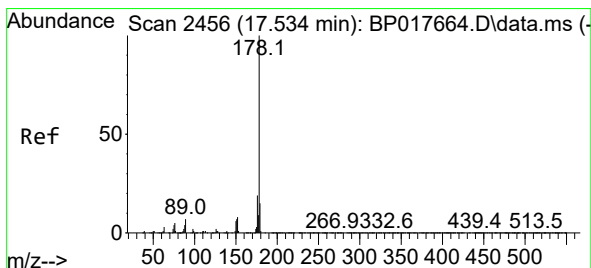
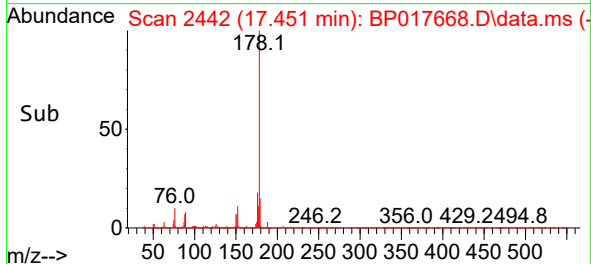
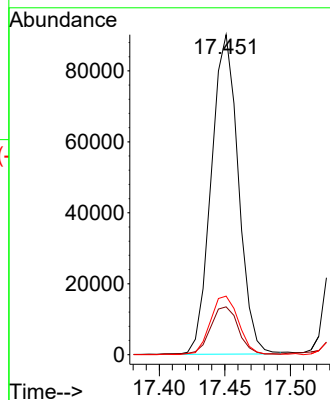
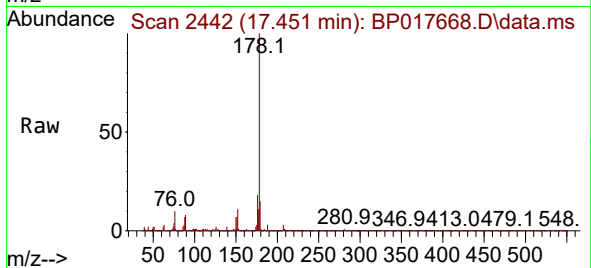
Tgt Ion:	178	Resp:	12929
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.1	18.1
176	18.3	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#74

Anthracene

Concen: 4.178 ng/ul

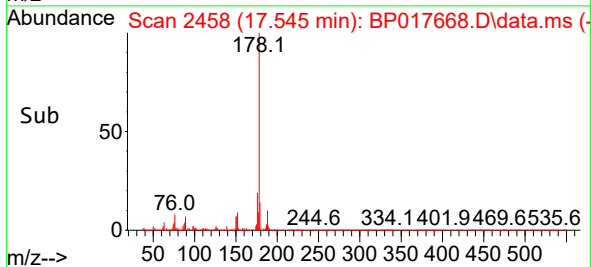
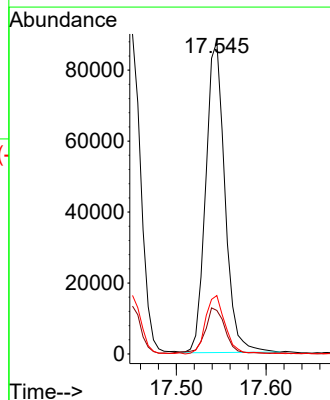
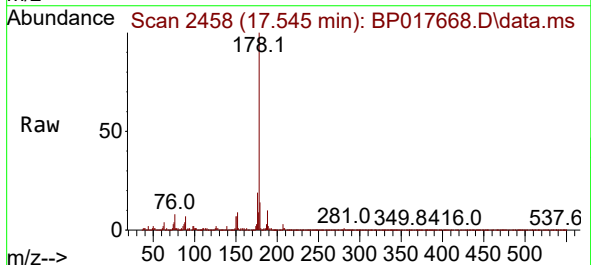
RT: 17.545 min Scan# 2458

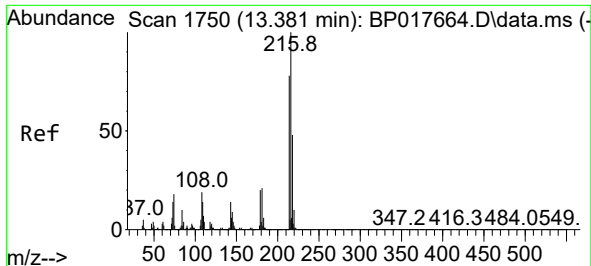
Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

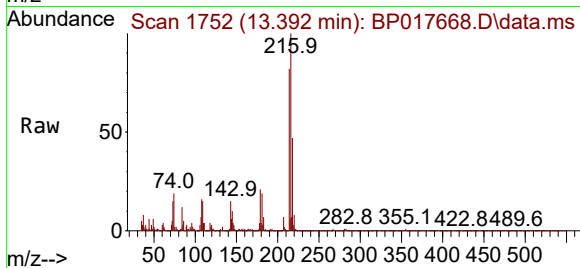
Tgt Ion:	178	Resp:	130063
Ion Ratio	Lower	Upper	
178	100		
179	14.0	12.3	18.5
176	18.7	14.6	22.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.118 ng/uL
RT: 13.392 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

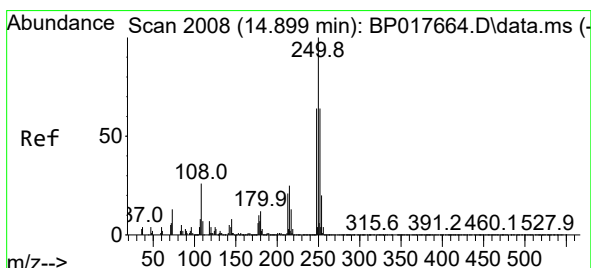
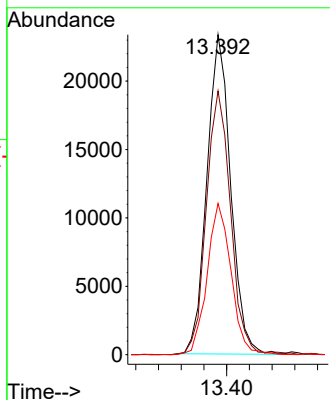
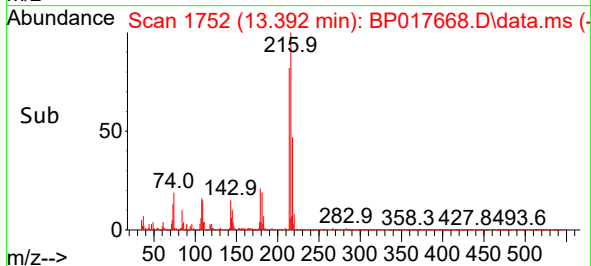
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT2-2023-03



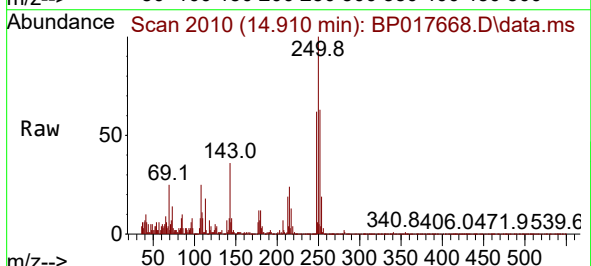
Tgt Ion:216 Resp: 33990
Ion Ratio Lower Upper
216 100
214 82.4 62.9 94.3
218 47.3 38.6 58.0

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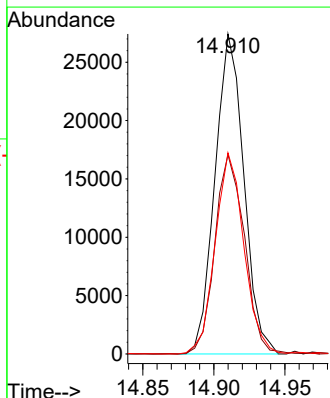
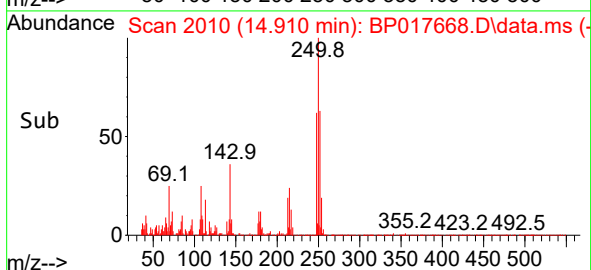
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

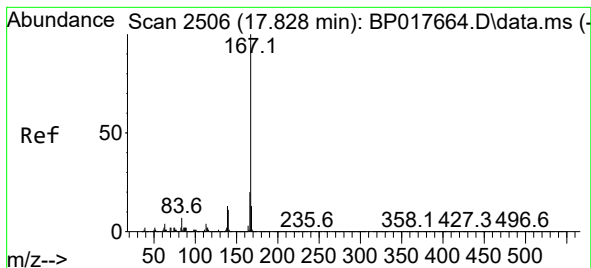


#76
Pentachlorobenzene
Concen: 4.575 ng/uL
RT: 14.910 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28



Tgt Ion:250 Resp: 38745
Ion Ratio Lower Upper
250 100
248 59.2 50.8 76.2
252 59.7 49.9 74.9





#77

Carbazole

Concen: 3.584 ng/ul

RT: 17.839 min Scan# 2508

Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

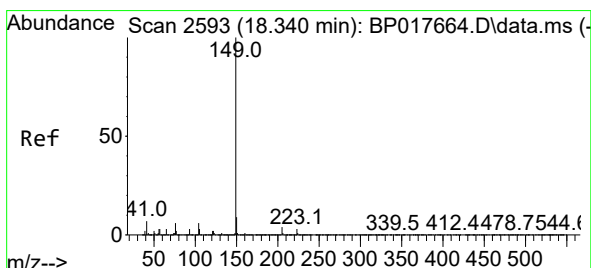
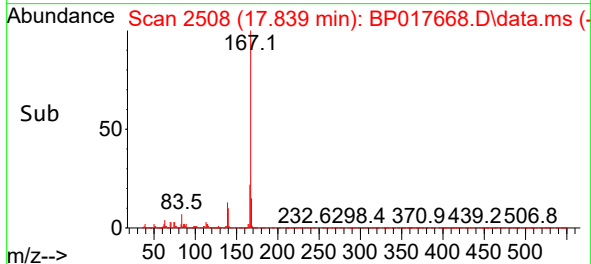
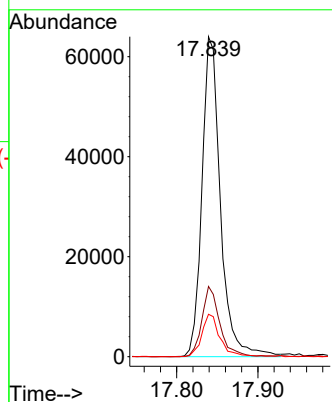
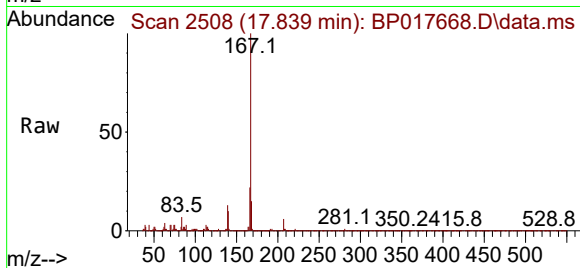
Tgt Ion:	167	Resp:	101020
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.0	25.6
139	13.2	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#78

Di-n-butylphthalate

Concen: 3.064 ng/ul

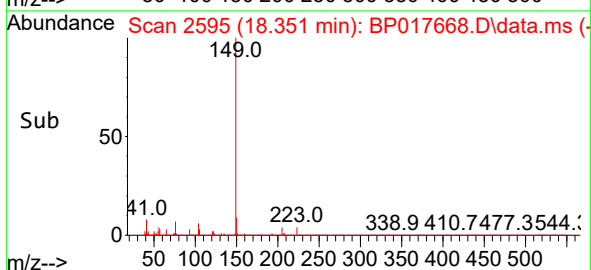
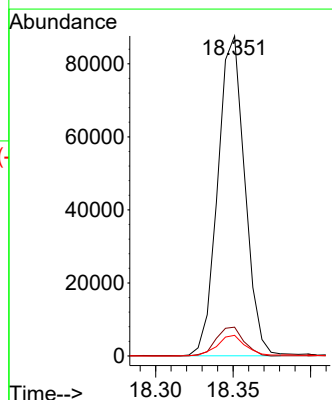
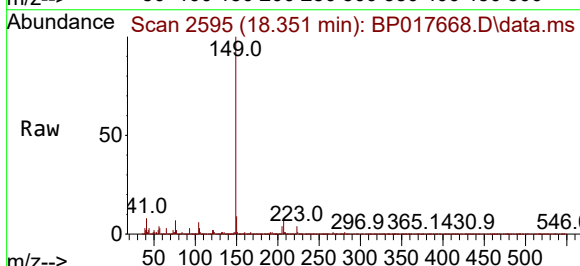
RT: 18.351 min Scan# 2595

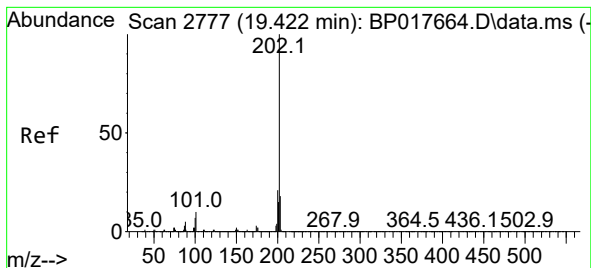
Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:	149	Resp:	106375
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.4	11.0
104	6.4	4.6	6.8





#80

Fluoranthene

Concen: 3.842 ng/ul

RT: 19.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

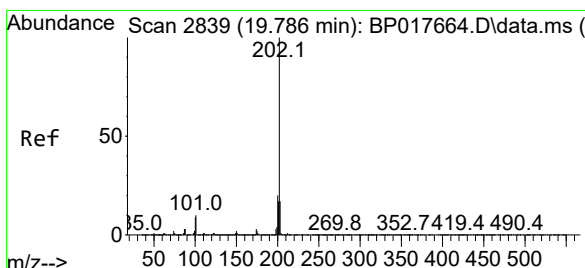
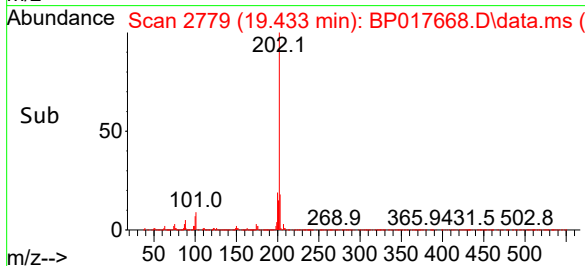
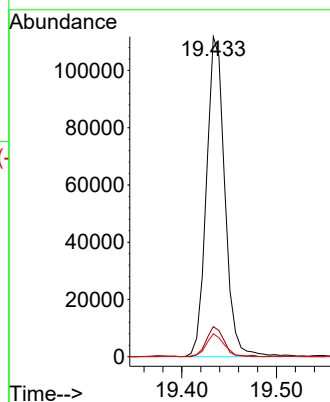
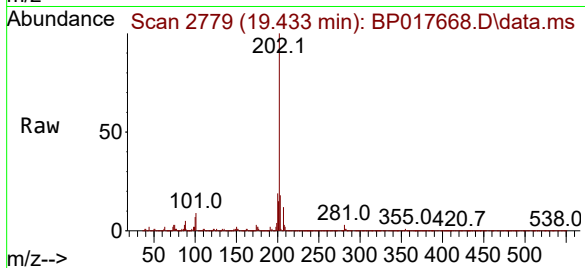
Tgt Ion:	202	Resp:	15041
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.0	10.6
100	7.2	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#82

Pyrene

Concen: 4.184 ng/ul

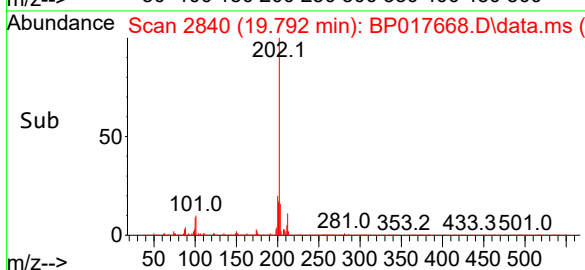
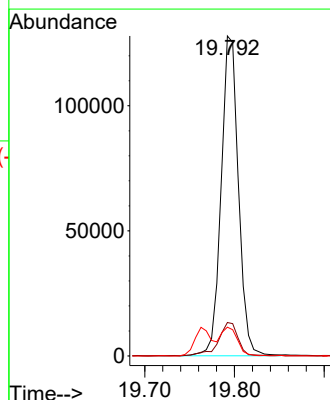
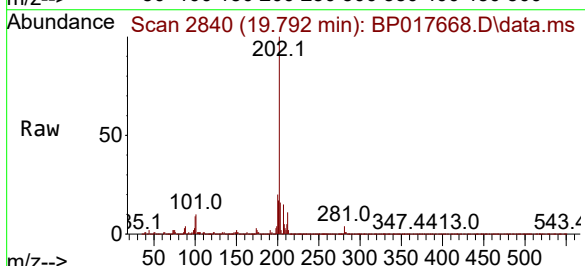
RT: 19.792 min Scan# 2840

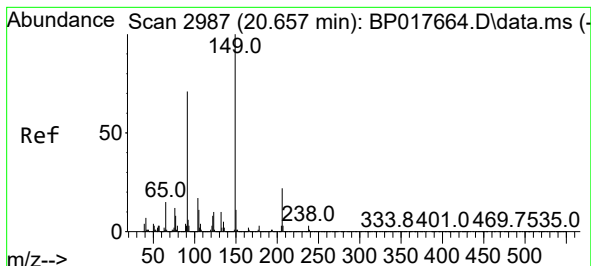
Delta R.T. 0.006 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:	202	Resp:	171134
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.8	13.2
100	9.0	7.4	11.0





#83

Butylbenzylphthalate

Concen: 2.733 ng/ul

RT: 20.668 min Scan# 2987

Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

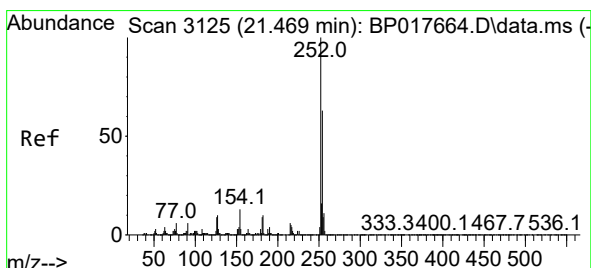
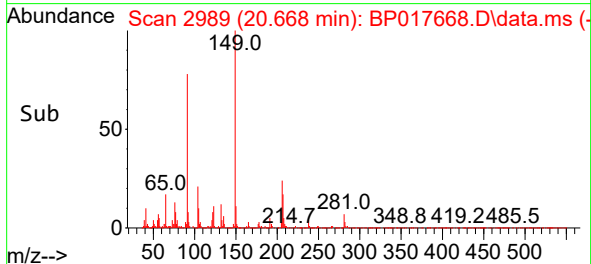
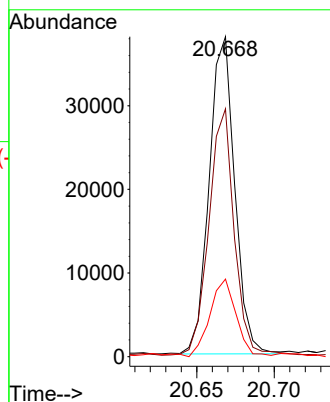
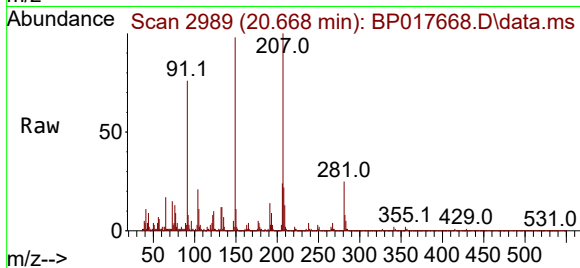
Tgt Ion:	149	Resp:	4348
Ion Ratio	Lower	Upper	
149	100		
91	77.5	59.6	89.4
206	24.2	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#84

3,3'-Dichlorobenzidine

Concen: 2.962 ng/ul

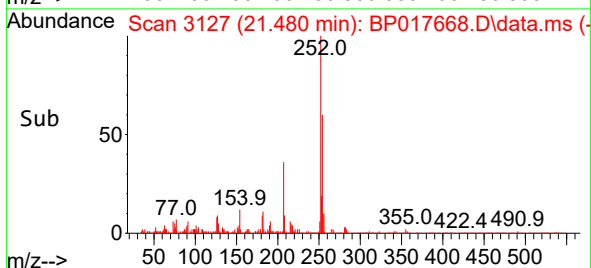
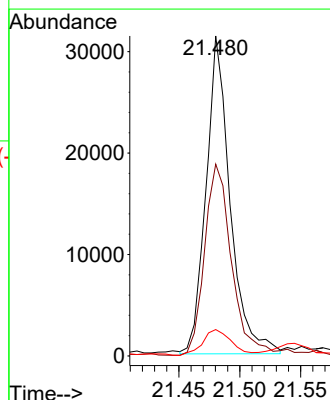
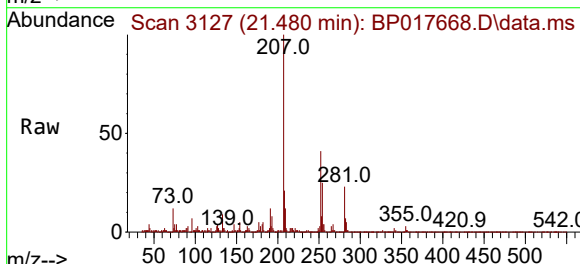
RT: 21.480 min Scan# 3127

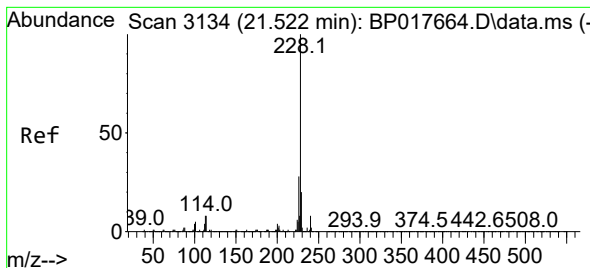
Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:	252	Resp:	43192
Ion Ratio	Lower	Upper	
252	100		
254	60.0	51.8	77.6
126	8.3	8.1	12.1





#85

Benzo(a)anthracene

Concen: 4.004 ng/ul

RT: 21.533 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

Tgt Ion:228 Resp: 17476

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.2

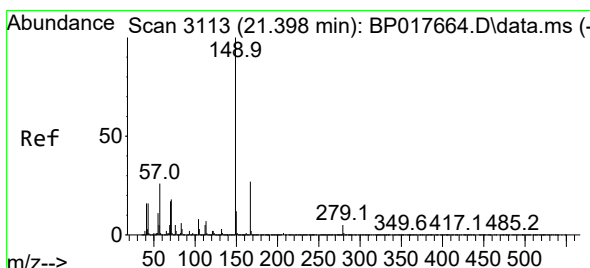
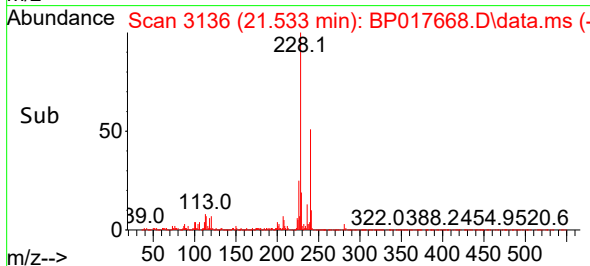
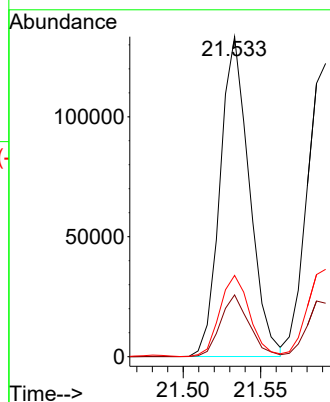
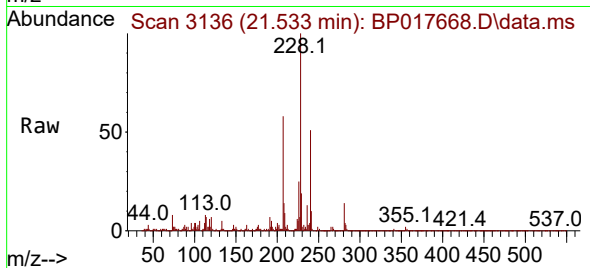
226 25.4 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.461 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

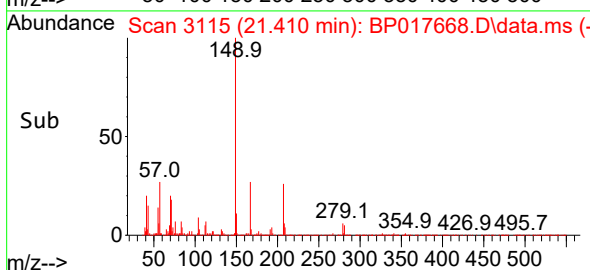
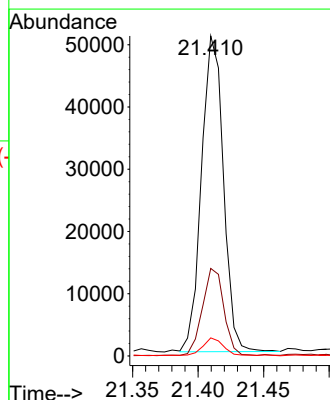
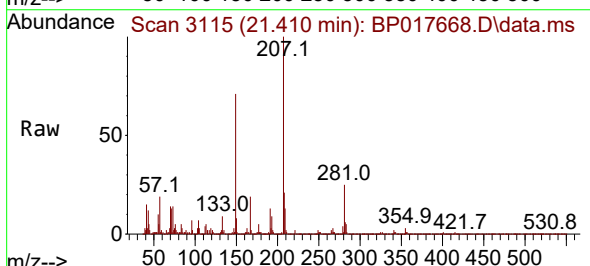
Tgt Ion:149 Resp: 59221

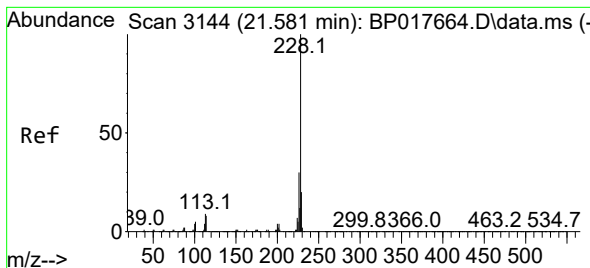
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 5.7 3.7 5.5#





#87

Chrysene

Concen: 4.202 ng/ul

RT: 21.592 min Scan# 3144

Delta R.T. 0.012 min

Lab File: BP017668.D

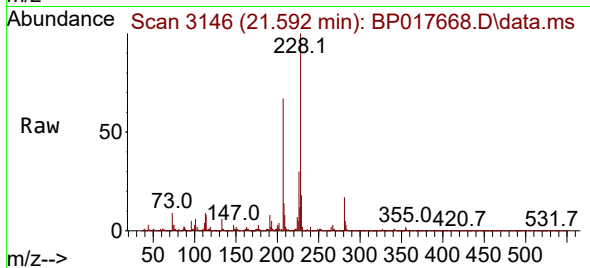
Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03



Tgt Ion:228 Resp: 169238

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

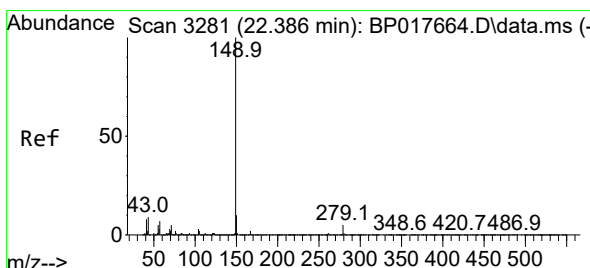
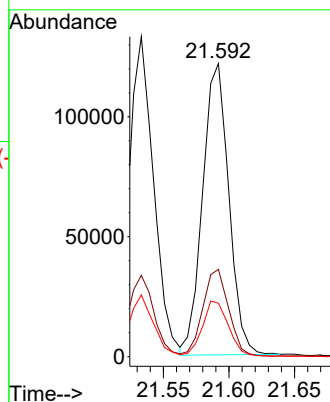
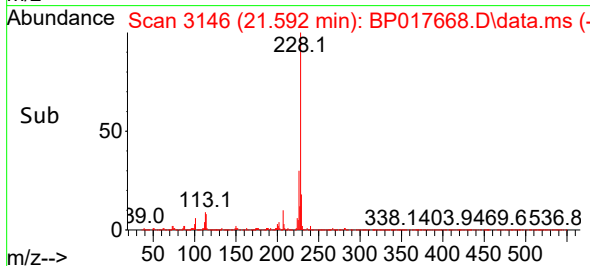
229 18.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#89

Di-n-octyl phthalate

Concen: 2.344 ng/ul

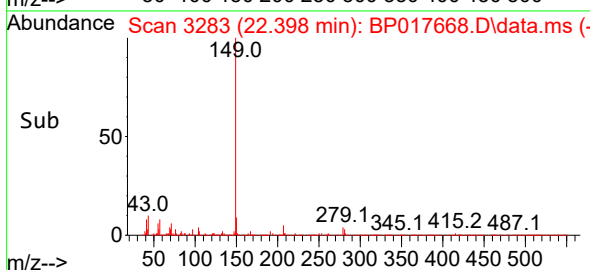
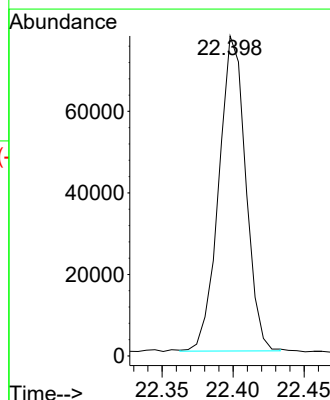
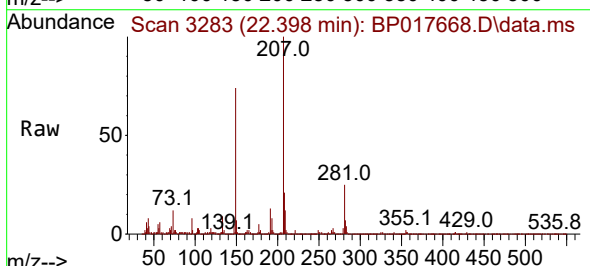
RT: 22.398 min Scan# 3283

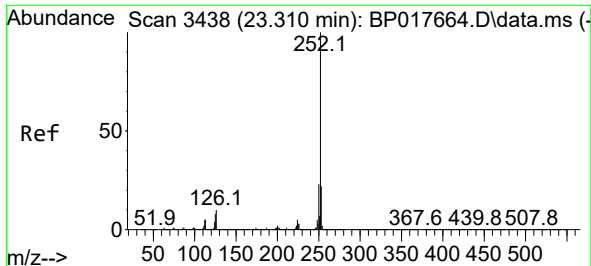
Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:149 Resp: 101651





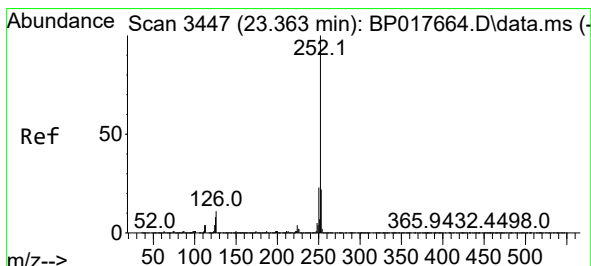
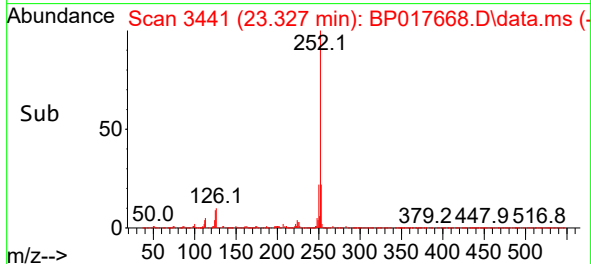
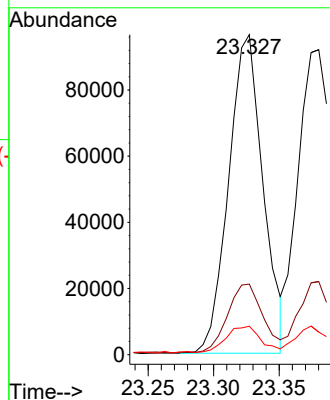
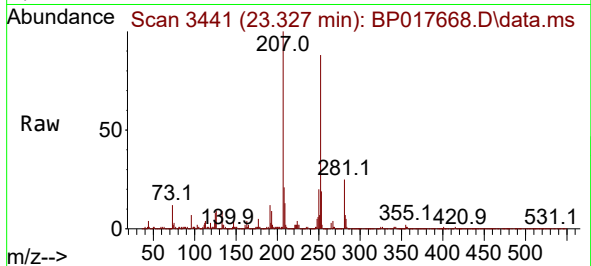
#90
Benzo(b)fluoranthene
Concen: 3.882 ng/ul
RT: 23.327 min Scan# 3438
Delta R.T. 0.018 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

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

Tgt Ion:252 Resp: 17558
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.9 6.9 10.3

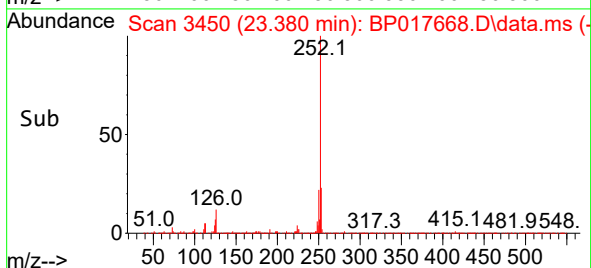
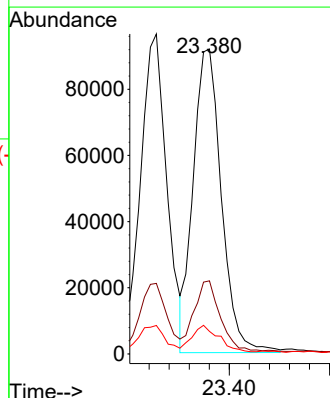
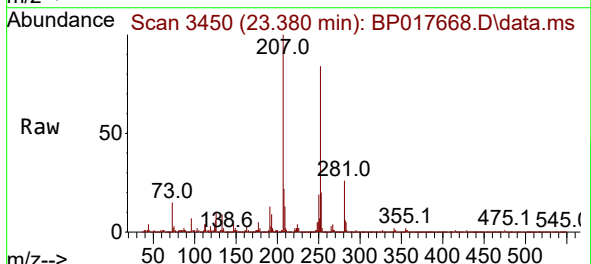
Manual Integrations
APPROVED

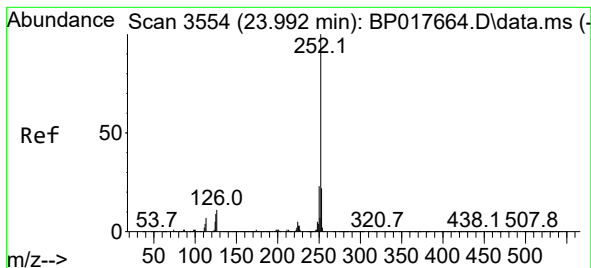
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#91
Benzo(k)fluoranthene
Concen: 3.989 ng/ul
RT: 23.380 min Scan# 3450
Delta R.T. 0.012 min
Lab File: BP017668.D
Acq: 13 Oct 2023 16:28

Tgt Ion:252 Resp: 179525
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 7.4 6.3 9.5





#93

Benzo(a)pyrene

Concen: 3.818 ng/ul

RT: 24.009 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

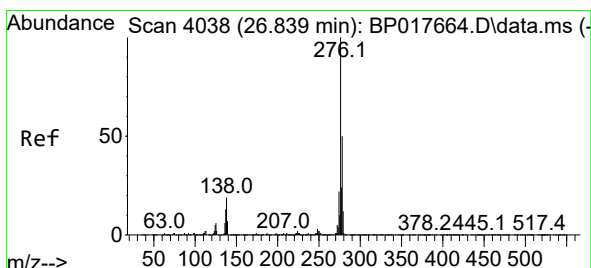
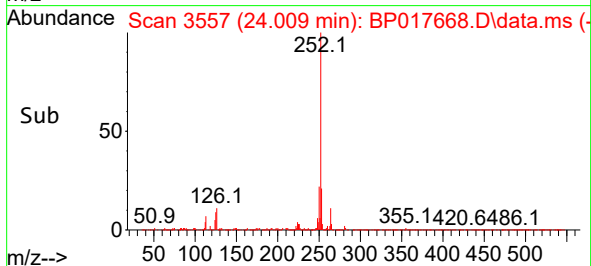
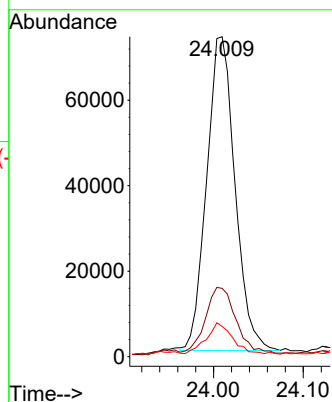
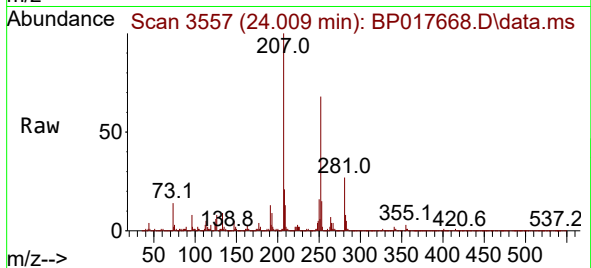
Tgt Ion:252 Resp: 160829
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.0
 125 9.5 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.997 ng/ul

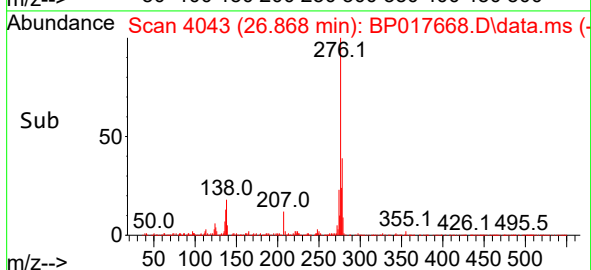
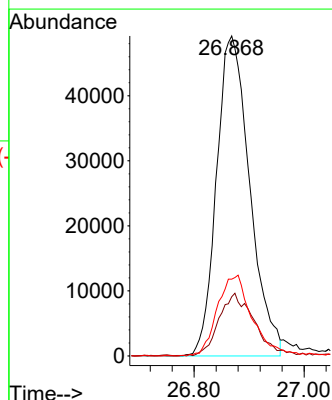
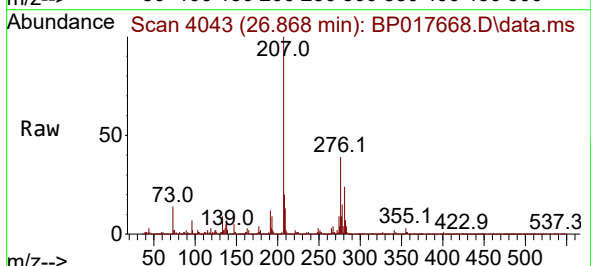
RT: 26.868 min Scan# 4043

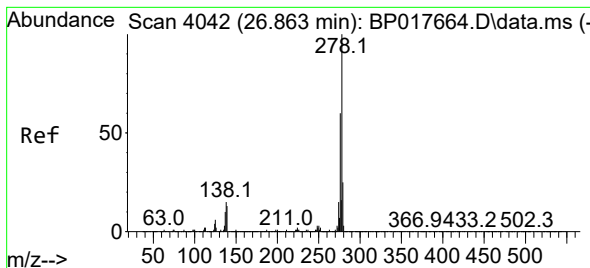
Delta R.T. 0.029 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:276 Resp: 206462
 Ion Ratio Lower Upper
 276 100
 138 18.5 14.6 21.8
 277 24.0 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 4.069 ng/ul

RT: 26.898 min Scan# 4048

Delta R.T. 0.029 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT2-2023-03

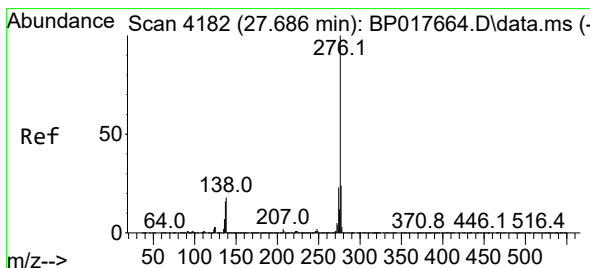
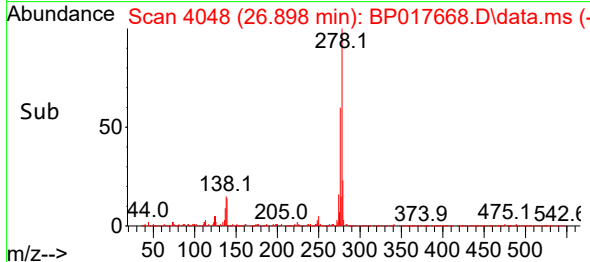
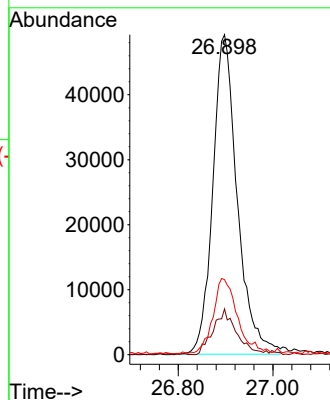
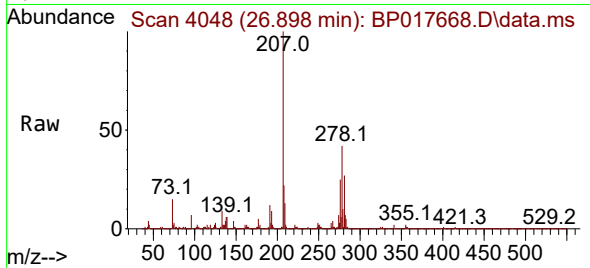
Tgt Ion:	278	Resp:	17614
Ion Ratio	Lower	Upper	
278	100		
139	14.3	10.8	16.2
279	23.5	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#96

Benzo(g,h,i)perylene

Concen: 4.106 ng/ul

RT: 27.715 min Scan# 4187

Delta R.T. 0.018 min

Lab File: BP017668.D

Acq: 13 Oct 2023 16:28

Tgt Ion:	276	Resp:	168679
Ion Ratio	Lower	Upper	
276	100		
138	19.5	14.1	21.1
277	23.8	18.7	28.1

