

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101623\
 Data File : BP017680.D
 Acq On : 16 Oct 2023 13:57
 Operator : MA/JU
 Sample : 03573-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 17 00:53:46 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

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	61002	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	241757	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	147143	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	340482	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	380045	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	437631	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	11178	6.756	ng/uL	0.00
4) Pyridine-d5	3.699	84	126996	27.766	ng/u1	0.00
7) Phenol-d5	7.058	99	150600	26.517	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	98105	28.484	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	122192	27.796	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	114498	25.241	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	55242	27.205	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	59386	26.006	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	106706	24.862	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	154978	25.192	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	352823	27.686	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	385929	28.123	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	35901m	16.845	ng/u1	0.02
60) Fluorene-d10	15.610	176	317813	29.318	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	42080	17.485	ng/u1	0.00
73) Anthracene-d10	17.498	188	512435	29.154	ng/u1	0.00
81) Pyrene-d10	19.757	212	644148	28.161	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	731535	29.776	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.299	88	2317	1.320	ng/uL#	88
5) Pyridine	3.722	79	20563	4.378	ng/u1#	68
6) Benzaldehyde	7.069	77	17215	5.984	ng/u1	92
8) Phenol	7.087	94	24351	4.320	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.340	93	20351	4.500	ng/u1	95
12) 2-Chlorophenol	7.458	128	19057	4.339	ng/u1	93
13) 2-Methylphenol	8.363	108	14651	3.492	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.416	45	25989	4.454	ng/u1#	92
16) Acetophenone	8.769	105	29415	4.167	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.728	70	14962	4.188	ng/u1	98
18) 4-Methylphenol	8.693	108	18216	3.994	ng/u1	100
19) Hexachloroethane	8.969	117	9267	4.723	ng/u1	97
22) Nitrobenzene	9.152	77	25260	4.843	ng/u1#	89
23) Isophorone	9.669	82	34597	3.679	ng/u1	95
25) 2-Nitrophenol	9.863	139	9746	4.012	ng/u1#	81
26) 2,4-Dimethylphenol	9.910	107	19155	3.968	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.163	93	25097	4.367	ng/u1	97
29) 2,4-Dichlorophenol	10.393	162	18378	4.438	ng/u1	92
30) Naphthalene	10.793	128	66589	4.738	ng/u1	98
32) 4-Chloroaniline	10.940	127	24532	4.170	ng/u1	99
33) Hexachlorobutadiene	11.010	225	15793	4.932	ng/u1	99
34) Caprolactam	11.775	113	7450m	5.881	ng/u1	
35) 4-Chloro-3-methylphenol	12.069	107	13828	3.165	ng/u1	96
36) 2-Methylnaphthalene	12.410	142	41263	4.287	ng/u1	94

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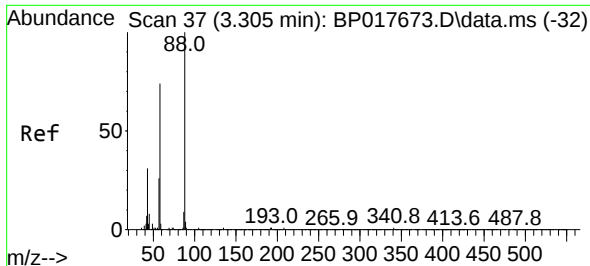
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 10/18/2023

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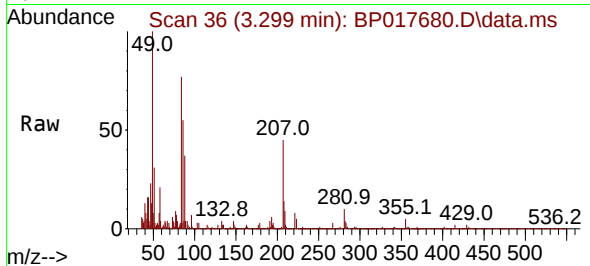
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	43770	4.480	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.763	216	25726	4.792	ng/ul	97
40) Hexachlorocyclopentadiene	12.704	237	7845	3.253	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.034	196	10751	3.252	ng/ul	97
42) 2,4,5-Trichlorophenol	13.122	196	12102m	3.468	ng/ul	
43) 1,1'-Biphenyl	13.434	154	57789	4.792	ng/ul	95
44) 2-Chloronaphthalene	13.481	162	44997	4.664	ng/ul	96
45) 2-Nitroaniline	13.734	65	8974m	3.365	ng/ul	
47) Dimethylphthalate	14.069	163	56777	4.512	ng/ul#	99
48) 2,6-Dinitrotoluene	14.228	165	7075	3.038	ng/ul#	73
50) Acenaphthylene	14.334	152	70064	4.513	ng/ul	97
51) 3-Nitroaniline	14.575	138	6608m	2.813	ng/ul	
52) Acenaphthene	14.669	153	48064	4.655	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	7414	5.155	ng/ul	90
55) 4-Nitrophenol	14.881	109	7221	3.616	ng/ul#	79
56) Dibenzofuran	15.010	168	72160	4.871	ng/ul	99
57) 2,4-Dinitrotoluene	15.022	165	12424	3.456	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.240	232	12087	3.744	ng/ul#	90
59) Diethylphthalate	15.434	149	53014	4.200	ng/ul	98
61) Fluorene	15.669	166	58038	4.752	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.657	204	28799	4.435	ng/ul	97
63) 4-Nitroaniline	15.757	138	8403m	3.600	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.775	198	8462	3.357	ng/ul#	88
67) N-Nitrosodiphenylamine	15.892	169	44274	4.352	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	17640	4.297	ng/ul	98
69) Hexachlorobenzene	16.651	284	22184	4.540	ng/ul#	89
70) Atrazine	16.857	200	13689	3.477	ng/ul	92
71) Pentachlorophenol	17.034	266	11451	3.870	ng/ul	91
72) Phenanthrene	17.439	178	93624	4.674	ng/ul	99
74) Anthracene	17.534	178	93935	4.636	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.387	216	25730	4.789	ng/uL	94
76) Pentachlorobenzene	14.898	250	28340	5.140	ng/uL	98
77) Carbazole	17.833	167	69347	3.779	ng/ul	97
78) Di-n-butylphthalate	18.339	149	71430	3.161	ng/ul	97
80) Fluoranthene	19.428	202	108101	4.135	ng/ul	99
82) Pyrene	19.786	202	124057	4.543	ng/ul#	96
83) Butylbenzylphthalate	20.657	149	29039	2.733	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.474	252	43181	4.436	ng/ul	99
85) Benzo(a)anthracene	21.527	228	122995	4.221	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	39070	2.432	ng/ul	100
87) Chrysene	21.580	228	127937	4.757	ng/ul	98
89) Di-n-octyl phthalate	22.392	149	70677	2.473	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	130958	4.394	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	134967	4.552	ng/ul	95
93) Benzo(a)pyrene	23.998	252	123248	4.441	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.857	276	151889	4.463	ng/ul	97
95) Dibenzo(a,h)anthracene	26.886	278	130050	4.560	ng/ul	98
96) Benzo(g,h,i)perylene	27.704	276	128273	4.740	ng/ul	97

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



#2
1,4-Dioxane
Concen: 1.320 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.006 min
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ClientSampleId :
MDL-SOIL-QT3-2023-05

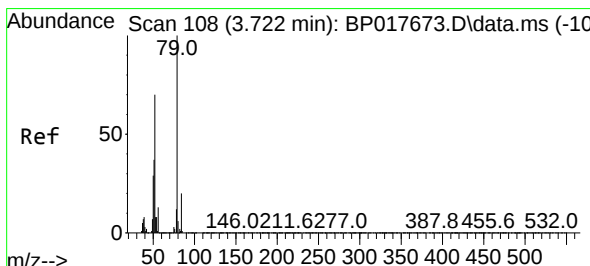
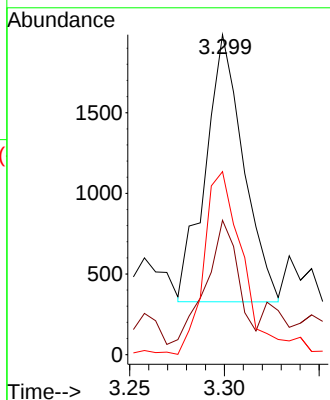
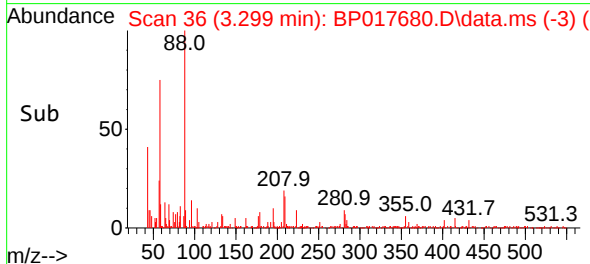


Tgt Ion: 88 Resp: 231
Ion Ratio Lower Upper
88 100
43 42.0 27.3 40.9
58 57.2 53.3 79.9

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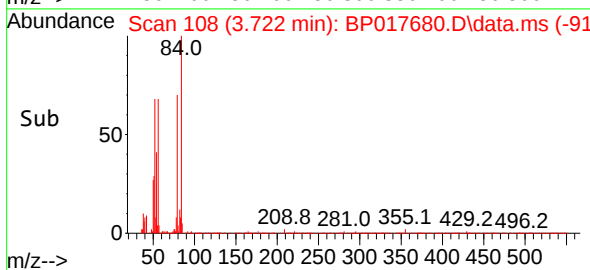
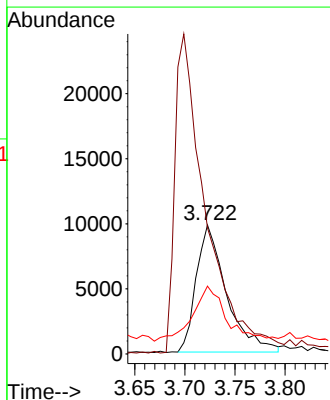
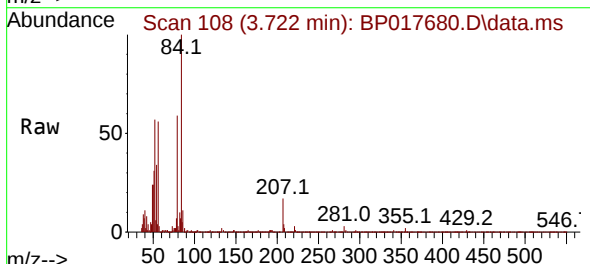
Reviewed By :Yogesh Patel 10/17/2023
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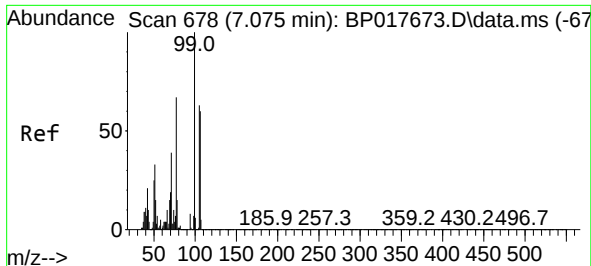
Supervised By :mohammad
ahmed
10/18/2023



#5
Pyridine
Concen: 4.378 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

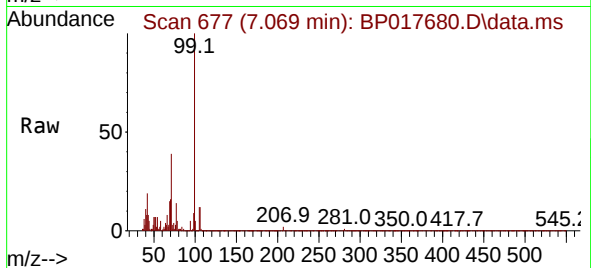
Tgt Ion: 79 Resp: 20563
Ion Ratio Lower Upper
79 100
52 97.8 55.8 83.6#
51 52.7 28.7 43.1#





#6
Benzaldehyde
Concen: 5.984 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

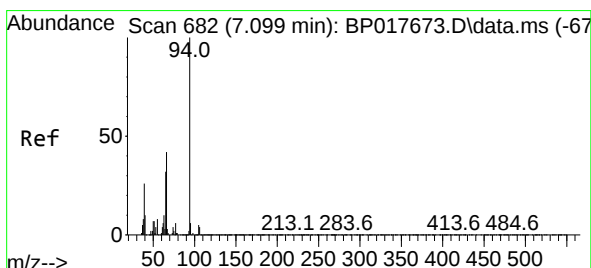
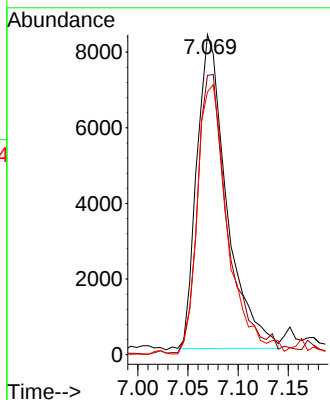
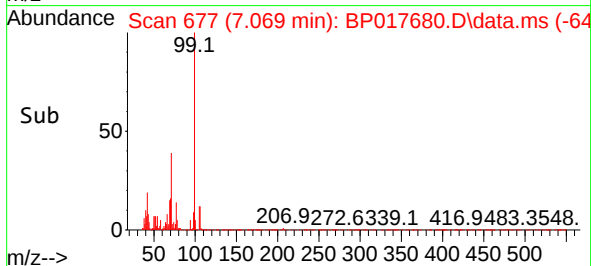


Tgt Ion: 77 Resp: 1721
Ion Ratio Lower Upper
77 100
105 87.3 74.9 112.3
106 82.1 72.2 108.2

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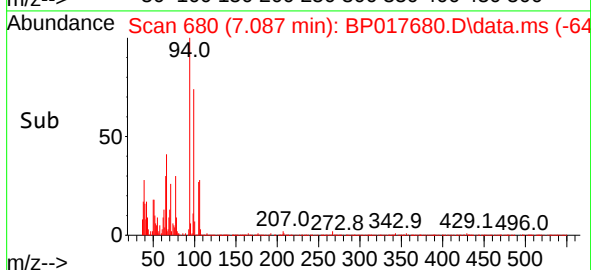
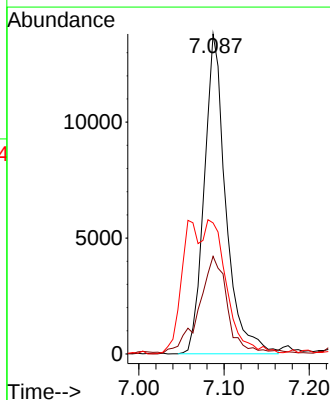
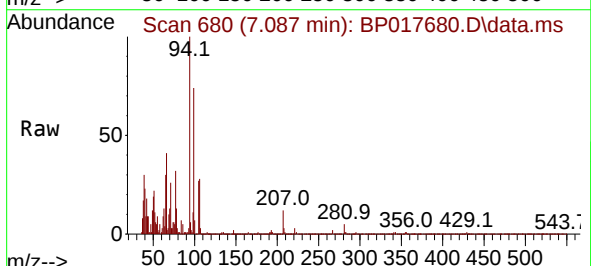
Reviewed By :Yogesh Patel 10/17/2023
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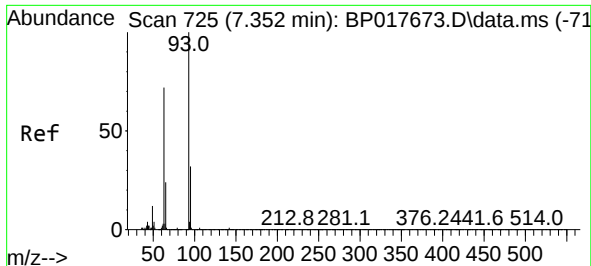
Supervised By :mohammad
ahmed
10/18/2023



#8
Phenol
Concen: 4.320 ng/ul
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

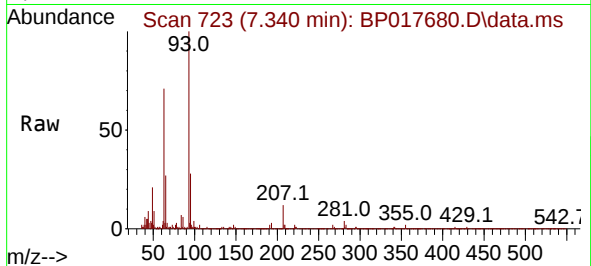
Tgt Ion: 94 Resp: 24351
Ion Ratio Lower Upper
94 100
65 30.5 24.2 36.4
66 41.0 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.500 ng/ul
RT: 7.340 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

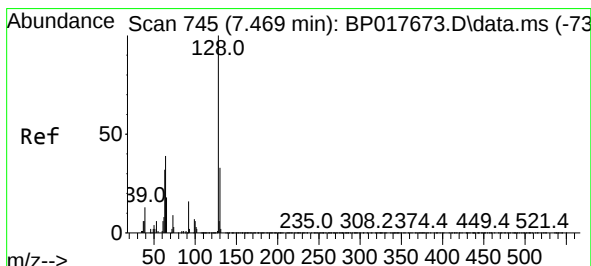
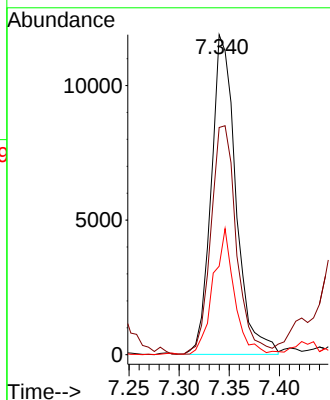
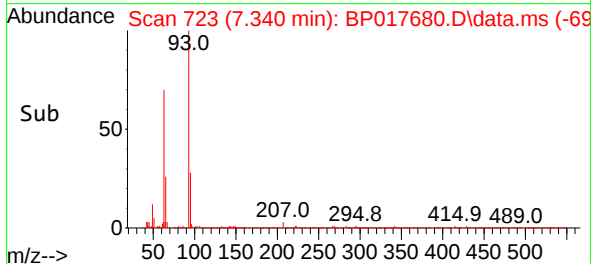


Tgt Ion: 93 Resp: 2035
Ion Ratio Lower Upper
93 100
63 71.0 59.4 89.2
95 27.6 25.3 37.9

Manual Integrations
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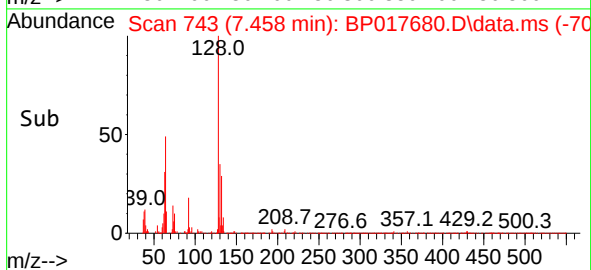
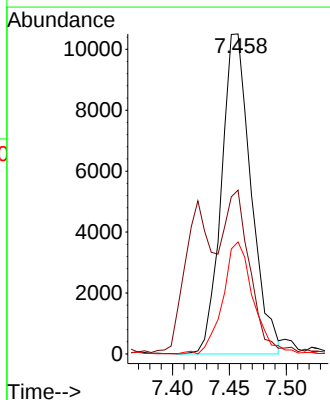
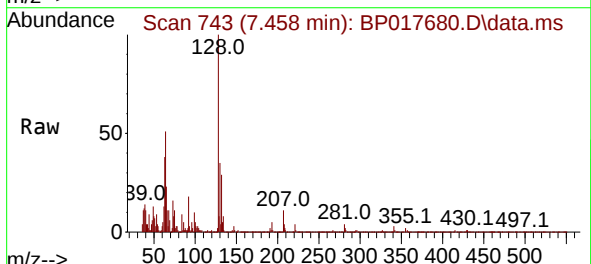
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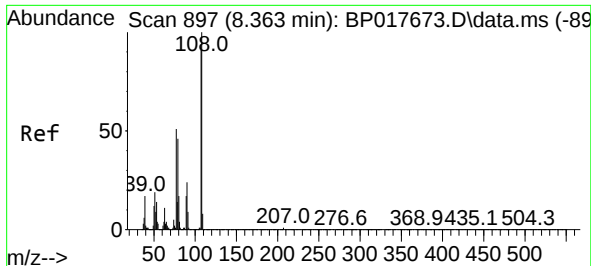
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ahmed
10/18/2023



#12
2-Chlorophenol
Concen: 4.339 ng/ul
RT: 7.458 min Scan# 743
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

Tgt Ion:128 Resp: 19057
Ion Ratio Lower Upper
128 100
64 51.2 36.9 55.3
130 35.0 25.8 38.8





#13

2-Methylphenol

Concen: 3.492 ng/ul

RT: 8.363 min Scan# 897

Delta R.T. 0.006 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:108 Resp: 1465

Ion Ratio Lower Upper

108 100

107 99.9 70.2 105.2

Manual Integrations

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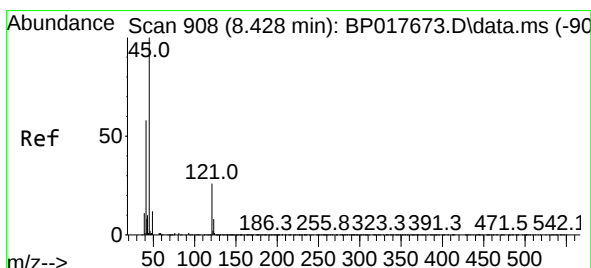
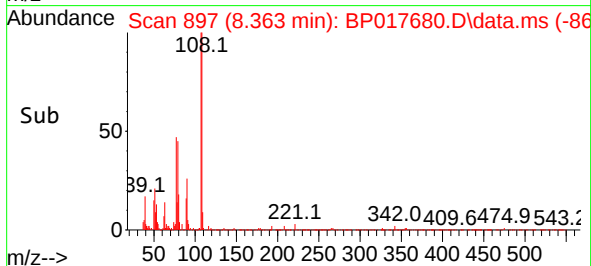
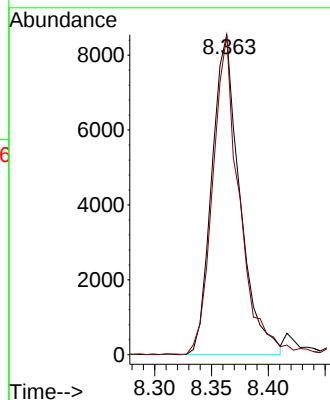
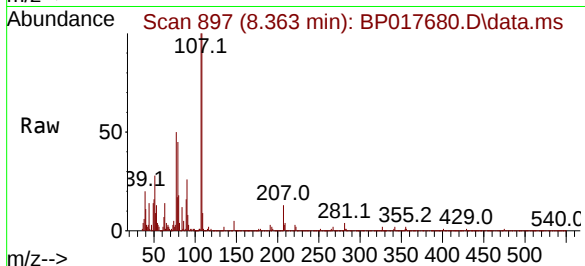
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Supervised By :mohammad ahmed 10/18/2023

Supervised By :mohammad

ahmed

10/18/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.454 ng/ul

RT: 8.416 min Scan# 906

Delta R.T. -0.006 min

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Acq: 16 Oct 2023 13:57

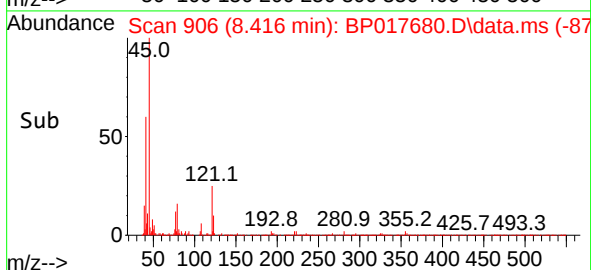
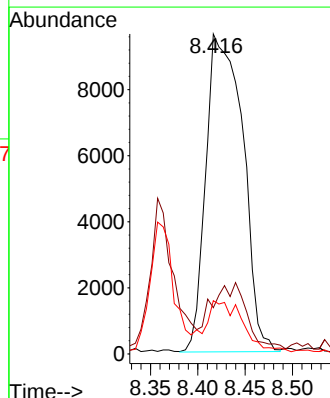
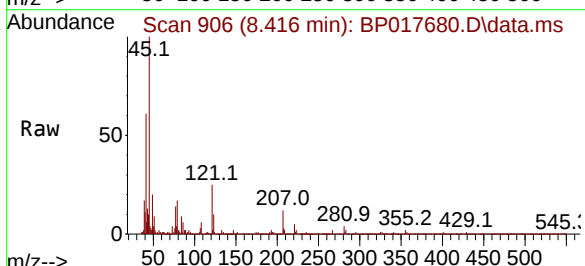
Tgt Ion: 45 Resp: 25989

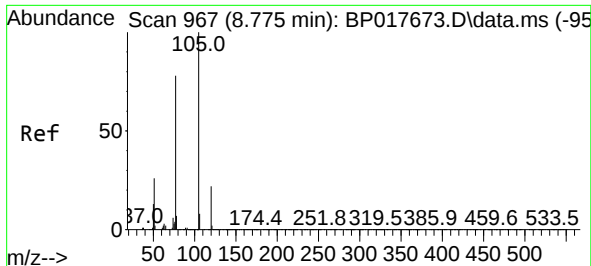
Ion Ratio Lower Upper

45 100

77 14.4 13.0 19.6

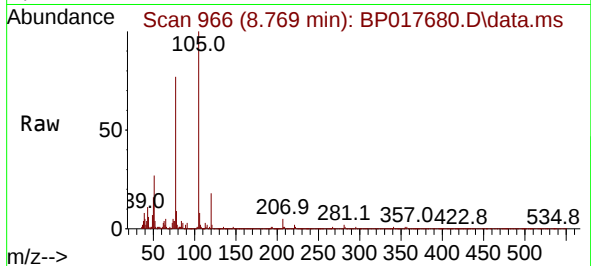
79 16.6 9.5 14.3#





#16
Acetophenone
Concen: 4.167 ng/ul
RT: 8.769 min Scan# 90
Delta R.T. 0.006 min
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Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

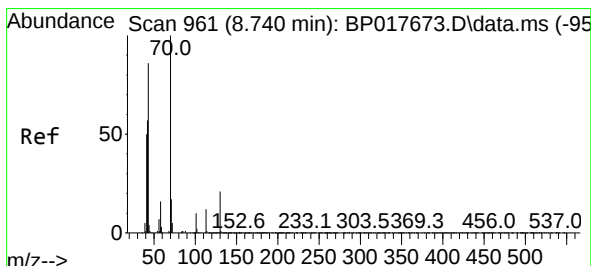
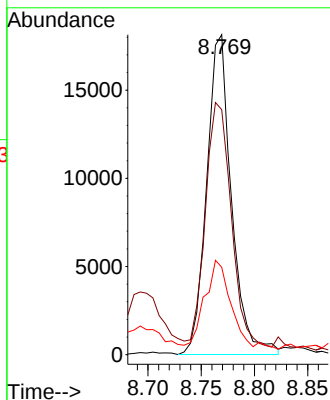
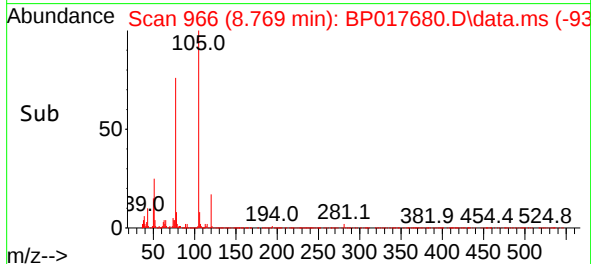


Tgt Ion: 105 Resp: 2941
Ion Ratio Lower Upper
105 100
77 76.5 64.3 96.5
51 27.3 22.6 33.8

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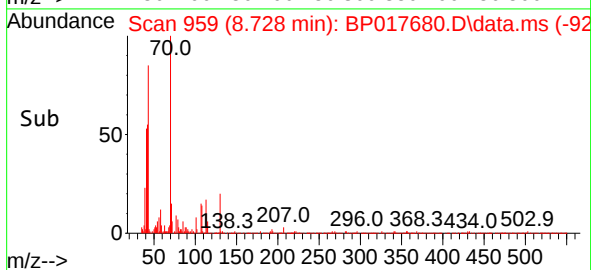
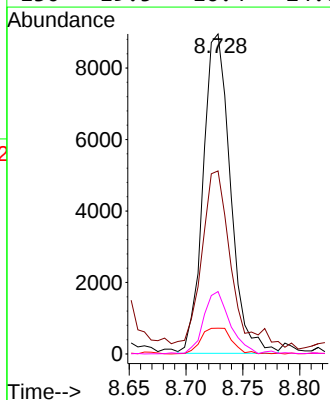
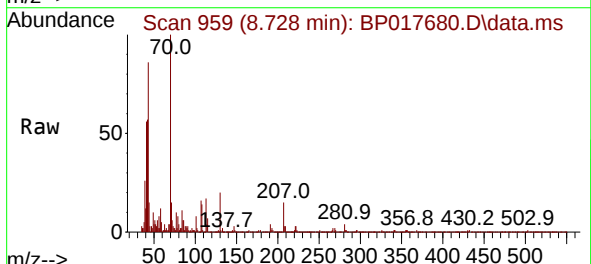
Reviewed By : Yogesh Patel 10/17/2023
Supervised By : mohammad ahmed 10/18/2023

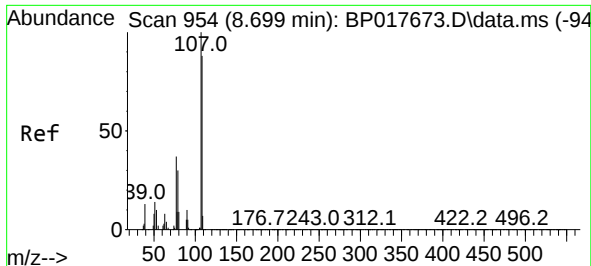
Supervised By : mohammad
ahmed
10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.188 ng/ul
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

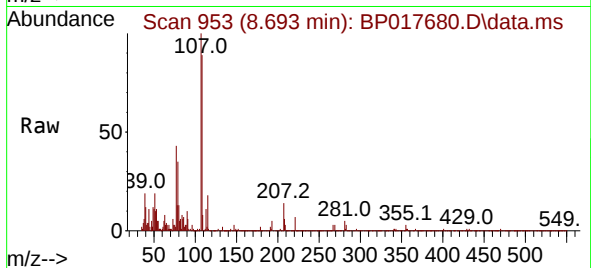
Tgt Ion: 70 Resp: 14962
Ion Ratio Lower Upper
70 100
42 57.2 46.6 70.0
101 8.0 7.8 11.6
130 19.5 16.4 24.6





#18
4-Methylphenol
Concen: 3.994 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

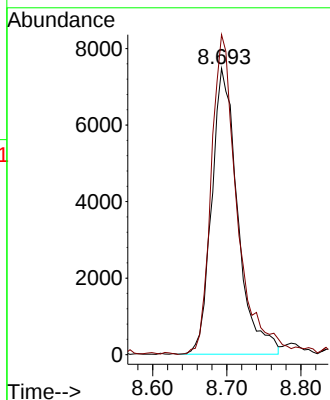
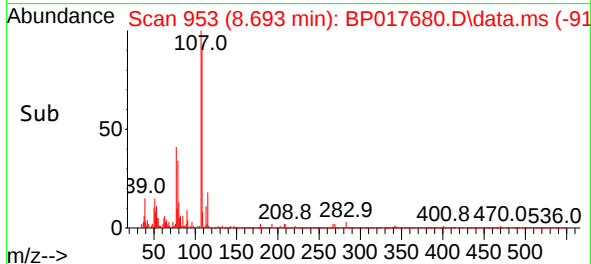
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05



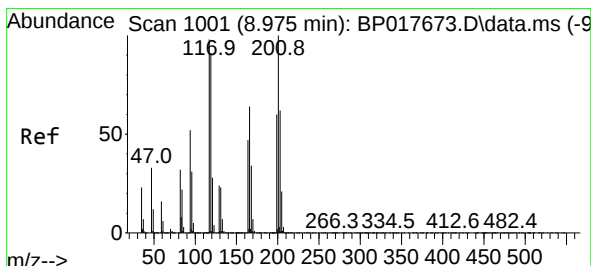
Tgt Ion:108 Resp: 18210
Ion Ratio Lower Upper
108 100
107 111.8 89.4 134.2

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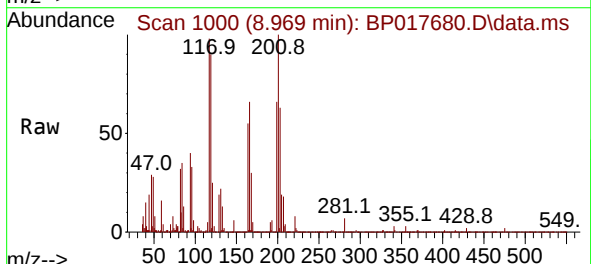
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



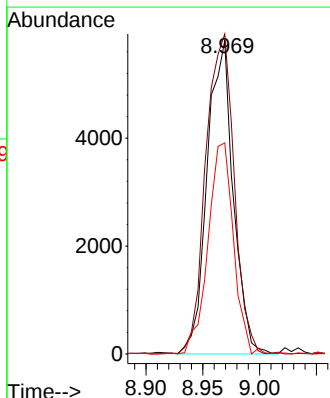
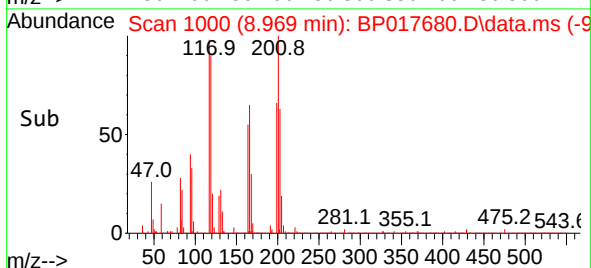
Supervised By :mohammad
ahmed
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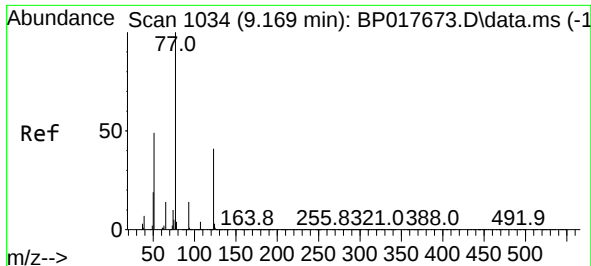


#19
Hexachloroethane
Concen: 4.723 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57



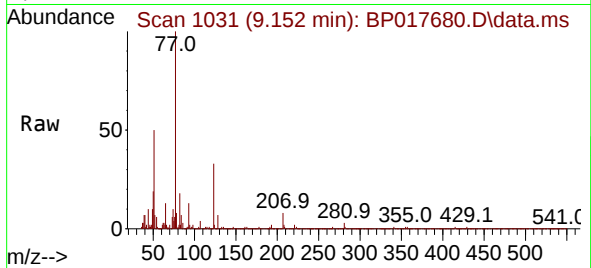
Tgt Ion:117 Resp: 9267
Ion Ratio Lower Upper
117 100
201 102.2 85.4 128.2
199 67.3 53.7 80.5





#22
Nitrobenzene
Concen: 4.843 ng/ul
RT: 9.152 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

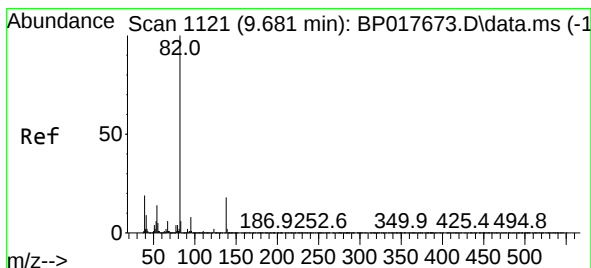
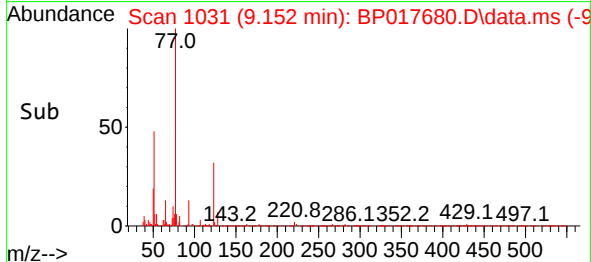
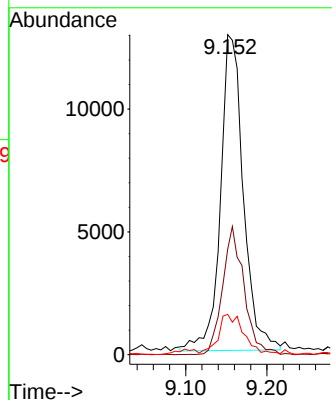


Tgt Ion: 77 Resp: 25260
Ion Ratio Lower Upper
77 100
123 33.0 33.8 50.6
65 12.6 10.6 16.0

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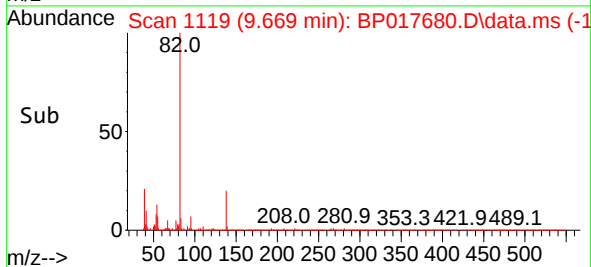
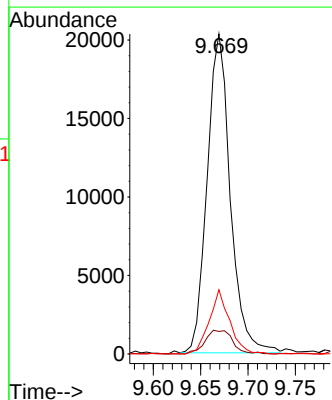
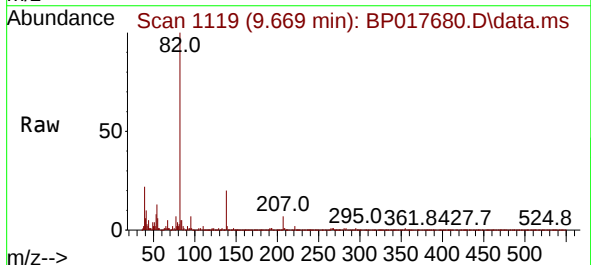
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

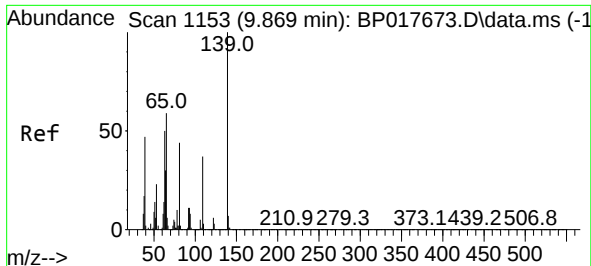
Supervised By :mohammad
ahmed
10/18/2023



#23
Isophorone
Concen: 3.679 ng/ul
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

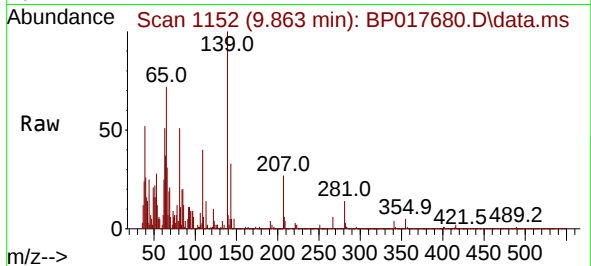
Tgt Ion: 82 Resp: 34597
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 20.0 13.9 20.9





#25
2-Nitrophenol
Concen: 4.012 ng/ul
RT: 9.863 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

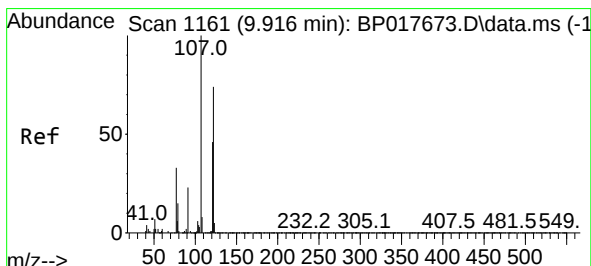
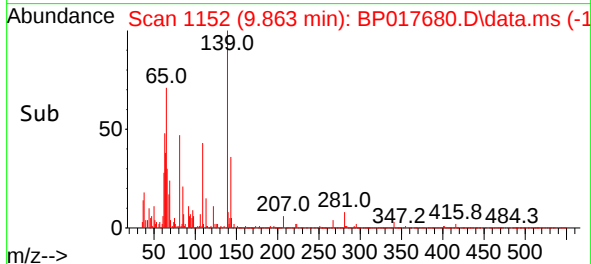
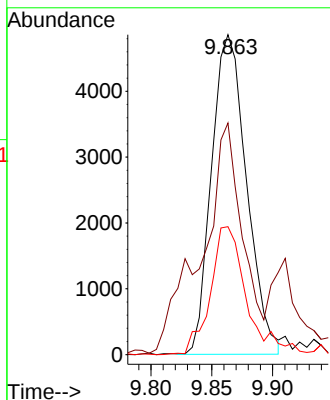


Tgt Ion:139 Resp: 9740
Ion Ratio Lower Upper
139 100
65 72.4 43.4 65.23
109 40.0 28.1 42.1

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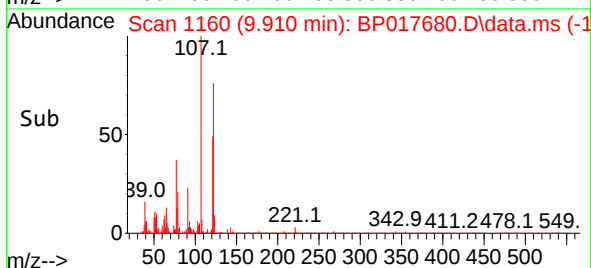
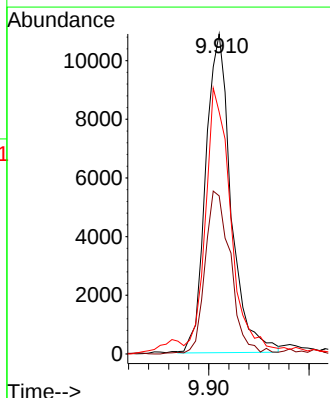
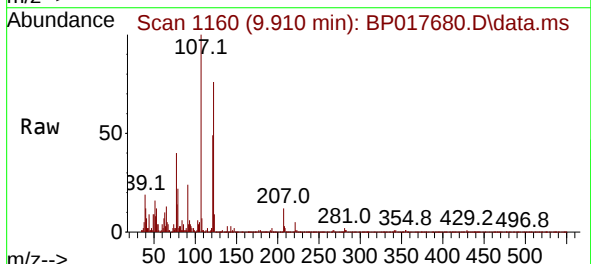
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

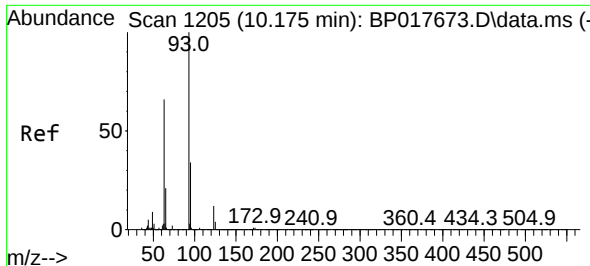
Supervised By :mohammad
ahmed
10/18/2023



#26
2,4-Dimethylphenol
Concen: 3.968 ng/ul
RT: 9.910 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

Tgt Ion:107 Resp: 19155
Ion Ratio Lower Upper
107 100
121 49.4 37.6 56.4
122 75.6 67.0 100.6





#27
Bis(2-Chloroethoxy)methane
Concen: 4.367 ng/ul
RT: 10.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

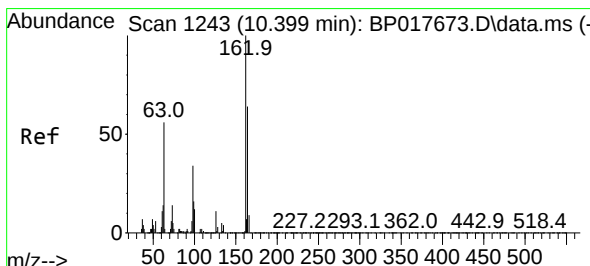
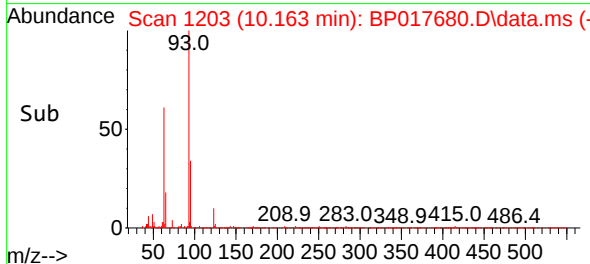
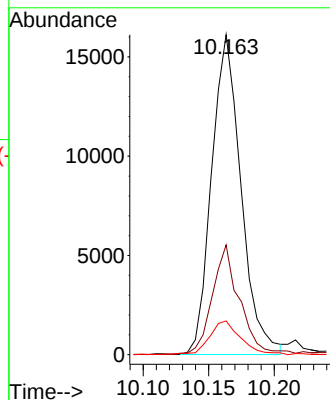
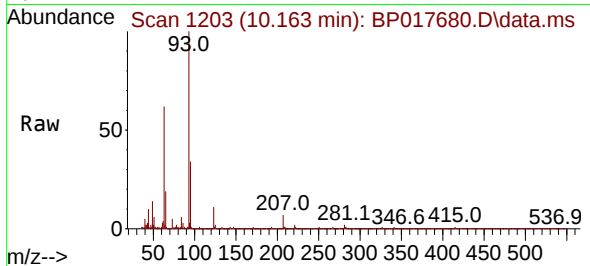
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion: 93	Resp: 2509
Ion Ratio	Lower Upper
93 100	
95 34.3	25.9 38.9
123 10.5	8.8 13.2

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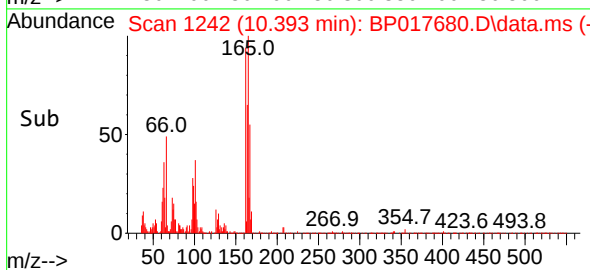
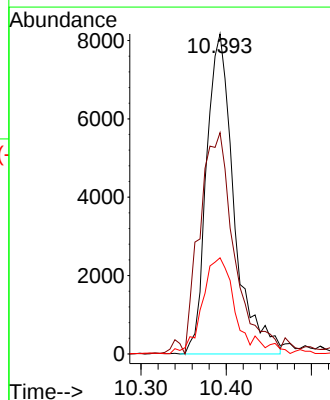
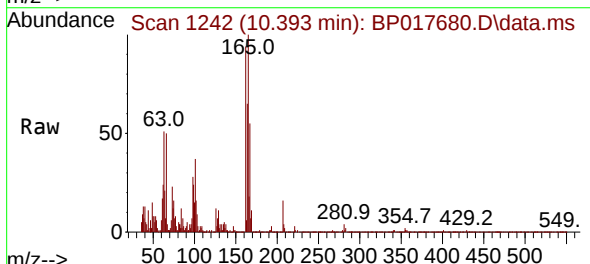
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

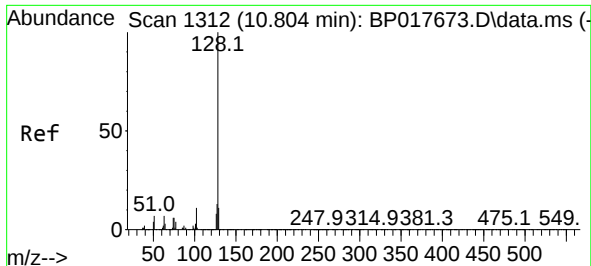
Supervised By :mohammad
ahmed
10/18/2023



#29
2,4-Dichlorophenol
Concen: 4.438 ng/ul
RT: 10.393 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

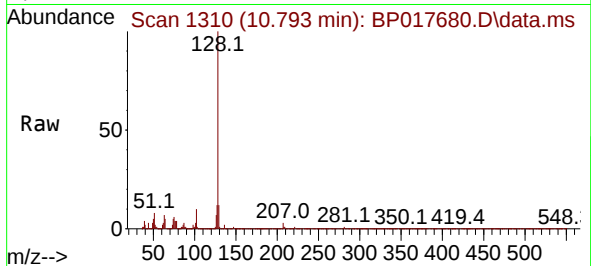
Tgt Ion:162	Resp: 18378
Ion Ratio	Lower Upper
162 100	
164 69.1	50.5 75.7
98 30.1	27.8 41.8





#30
Naphthalene
Concen: 4.738 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

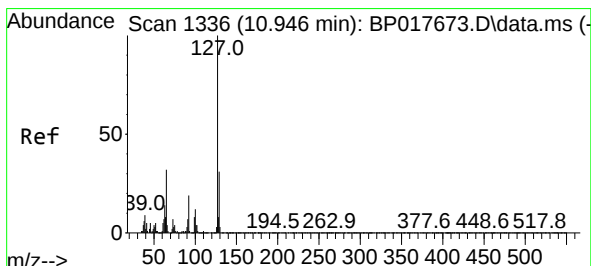
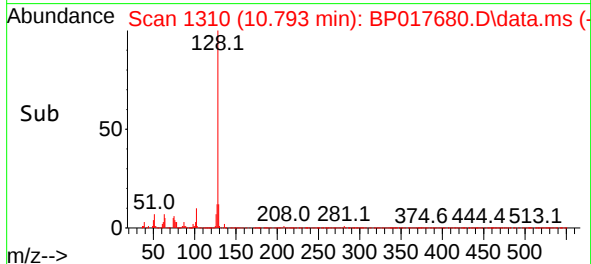
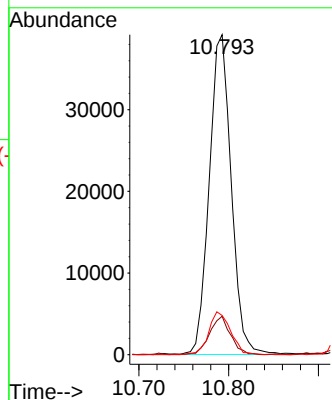


Tgt Ion:128 Resp: 66589
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 12.2 10.5 15.7

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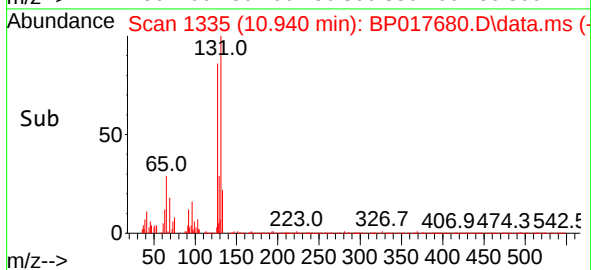
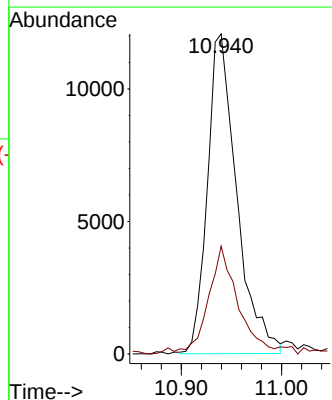
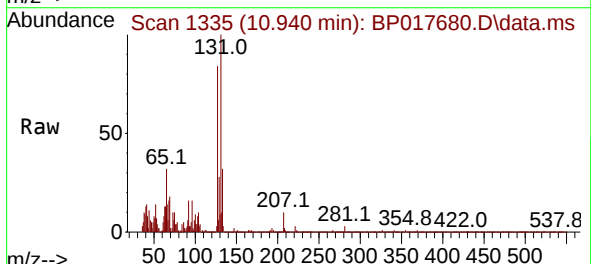
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

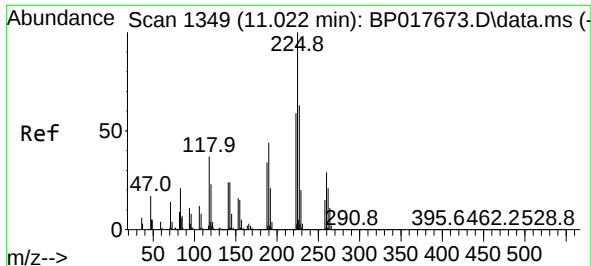
Supervised By :mohammad
ahmed
10/18/2023



#32
4-Chloroaniline
Concen: 4.170 ng/ul
RT: 10.940 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

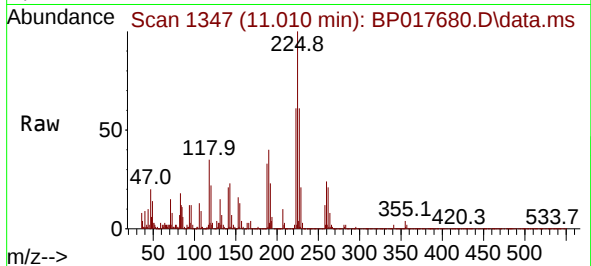
Tgt Ion:127 Resp: 24532
Ion Ratio Lower Upper
127 100
129 33.7 26.6 40.0





#33
Hexachlorobutadiene
Concen: 4.932 ng/ul
RT: 11.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

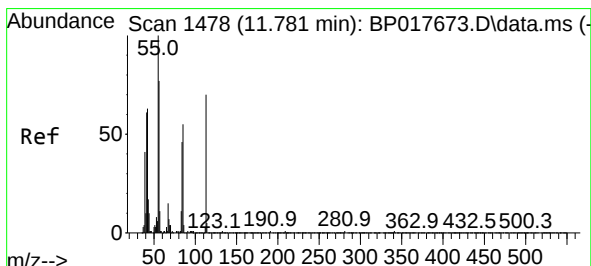
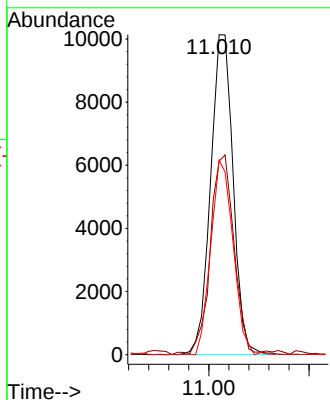
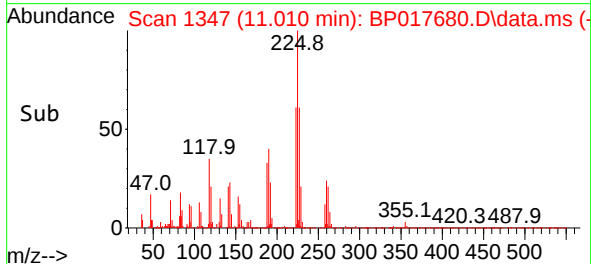


Tgt Ion:225 Resp: 1579
Ion Ratio Lower Upper
225 100
223 62.5 50.2 75.2
227 62.3 51.0 76.4

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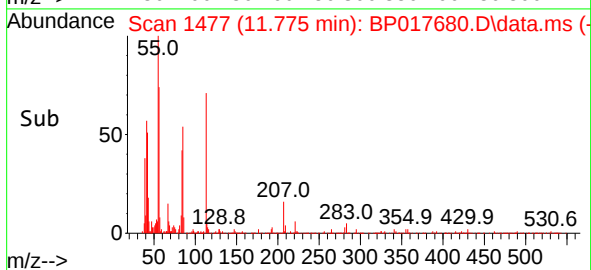
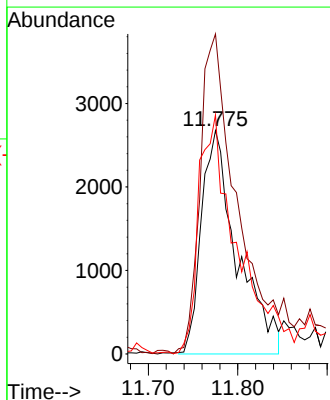
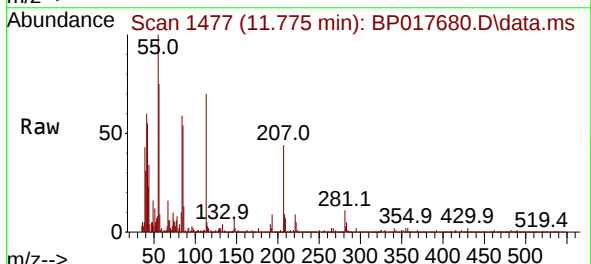
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

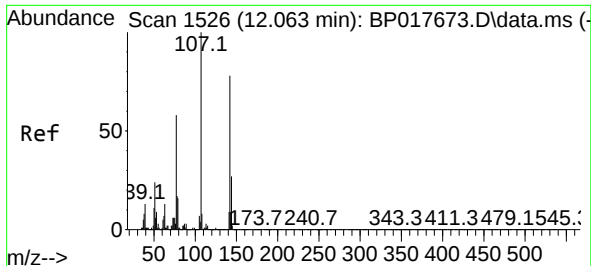
Supervised By :mohammad
ahmed
10/18/2023



#34
Caprolactam
Concen: 5.881 ng/ul m
RT: 11.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

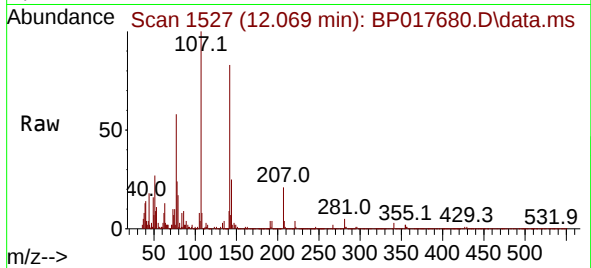
Tgt Ion:113 Resp: 7450
Ion Ratio Lower Upper
113 100
55 143.3 126.9 190.3
56 107.1 97.9 146.9





#35
4-Chloro-3-methylphenol
Concen: 3.165 ng/ul
RT: 12.069 min Scan# 1526
Delta R.T. 0.018 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

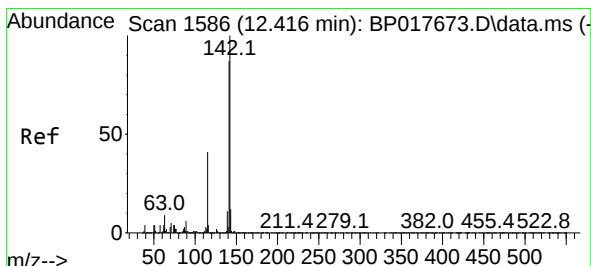
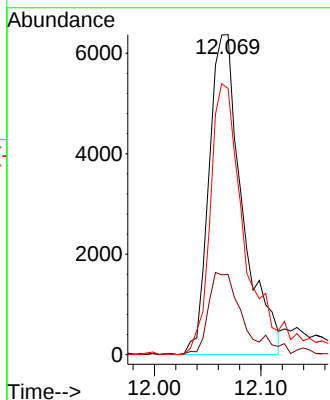
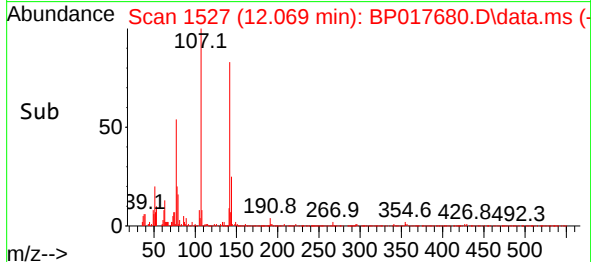


Tgt Ion:107 Resp: 13828
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 83.2 63.3 94.9

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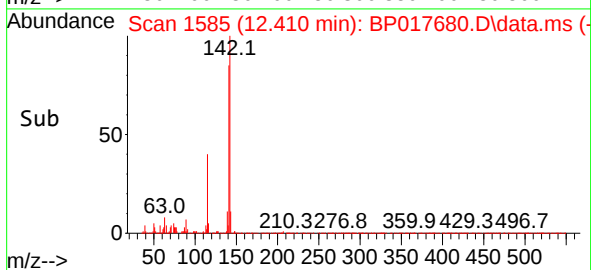
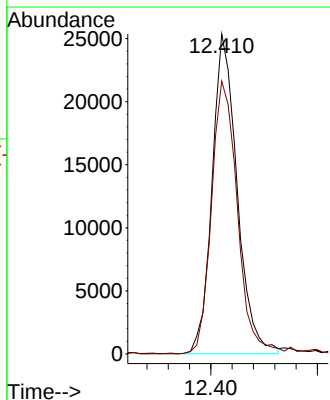
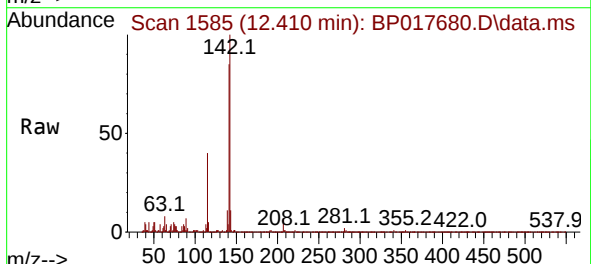
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

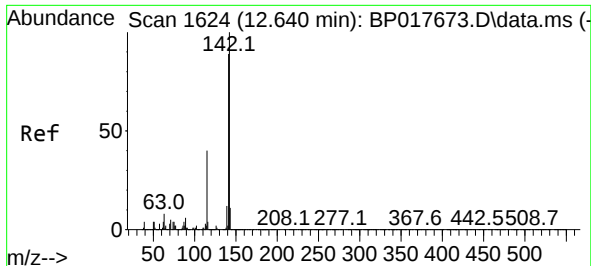
Supervised By :mohammad
ahmed
10/18/2023



#36
2-Methylnaphthalene
Concen: 4.287 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

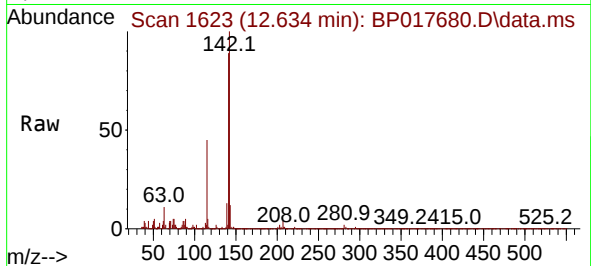
Tgt Ion:142 Resp: 41263
Ion Ratio Lower Upper
142 100
141 85.2 72.8 109.2





#37
1-Methylnaphthalene
Concen: 4.480 ng/ul
RT: 12.634 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

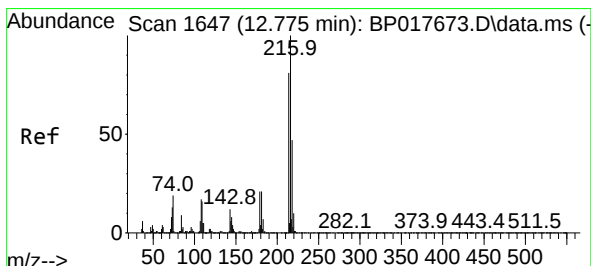
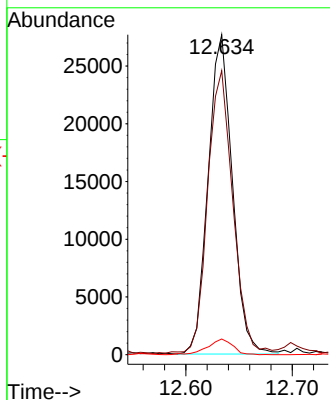
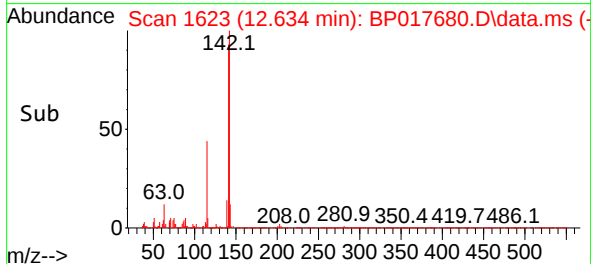


Tgt Ion:142 Resp: 43770
Ion Ratio Lower Upper
142 100
141 88.7 74.3 111.5
116 4.9 3.3 4.9

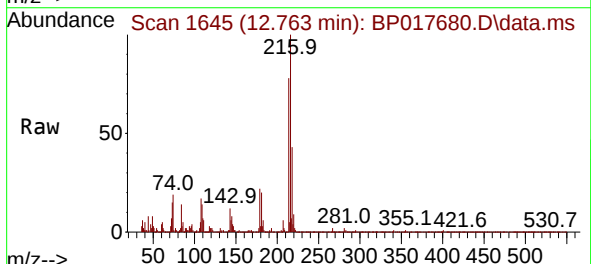
Manual Integrations
APPROVED

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

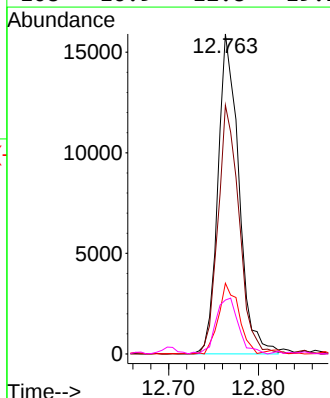
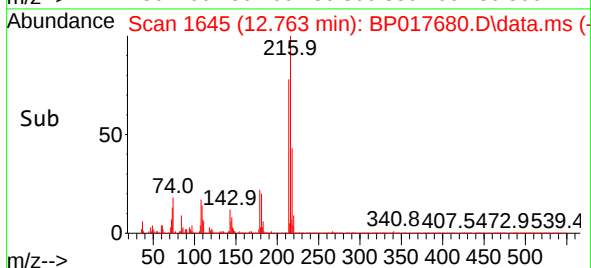
Supervised By :mohammad
ahmed
10/18/2023

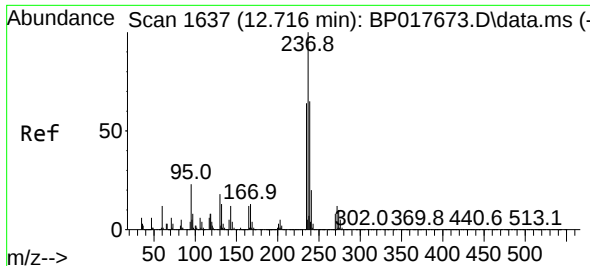


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.792 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57



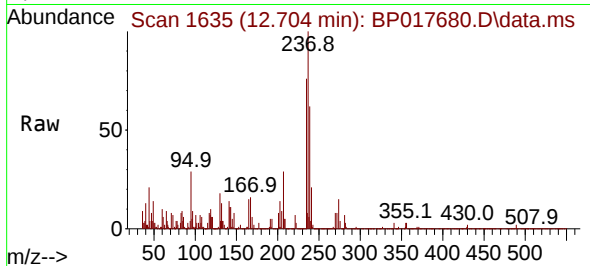
Tgt Ion:216 Resp: 25726
Ion Ratio Lower Upper
216 100
214 77.7 59.8 89.8
179 22.1 16.6 25.0
108 16.9 12.8 19.2





#40
Hexachlorocyclopentadiene
Concen: 3.253 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

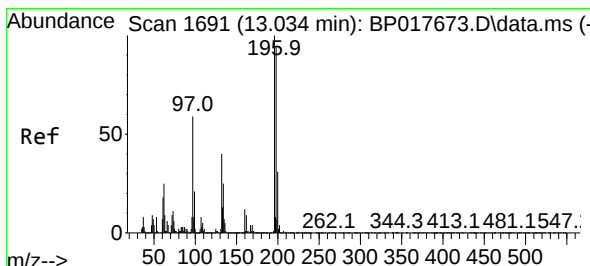
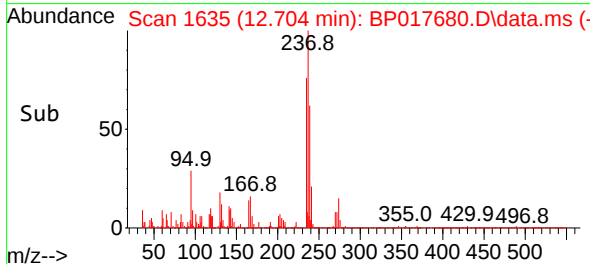
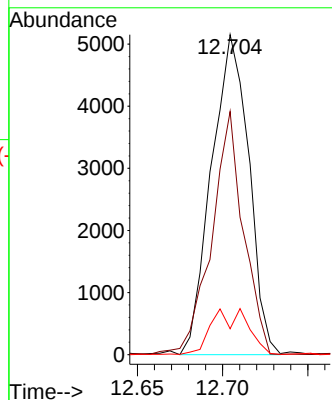


Tgt Ion: 237 Resp: 784
Ion Ratio Lower Upper
237 100
235 76.0 50.4 75.6
272 8.4 11.3 16.9

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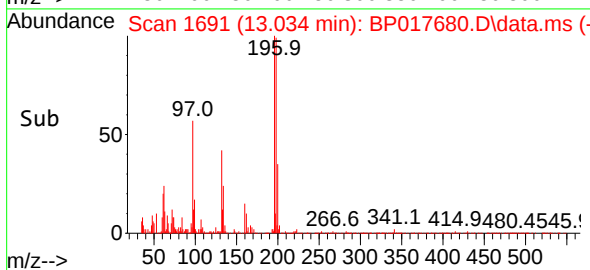
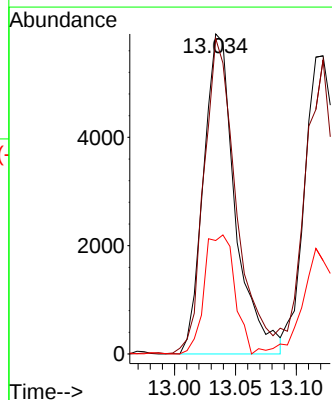
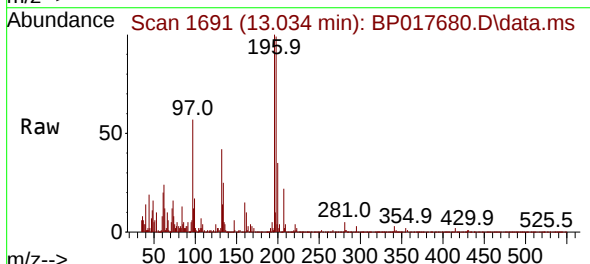
Reviewed By : Yogesh Patel 10/17/2023
Supervised By : mohammad ahmed 10/18/2023

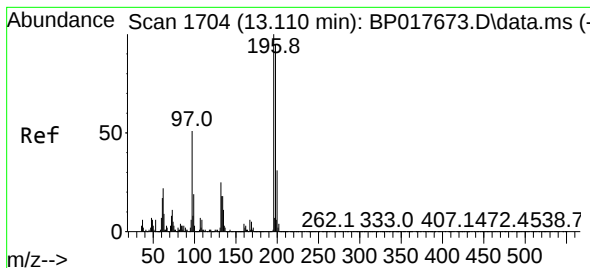
Supervised By : mohammad
ahmed
10/18/2023



#41
2,4,6-Trichlorophenol
Concen: 3.252 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

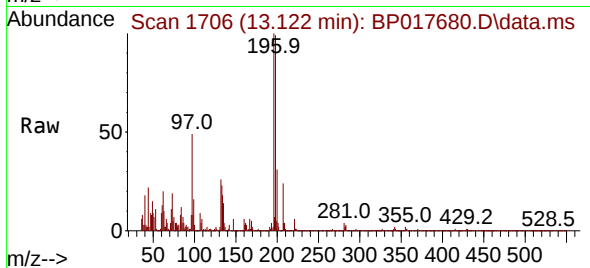
Tgt Ion: 196 Resp: 10751
Ion Ratio Lower Upper
196 100
198 98.5 77.3 115.9
200 35.5 25.4 38.2





#42
2,4,5-Trichlorophenol
Concen: 3.468 ng/ul m
RT: 13.122 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

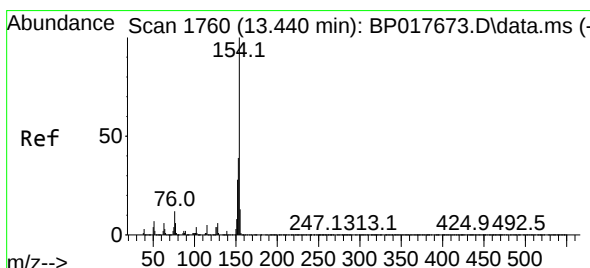
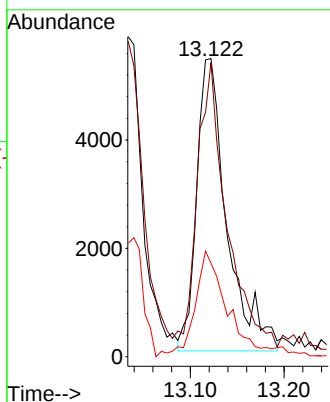
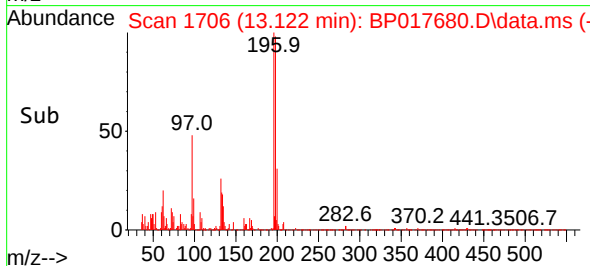


Tgt Ion:196 Resp: 1210
Ion Ratio Lower Upper
196 100
198 98.7 73.0 109.4
200 31.4 23.9 35.9

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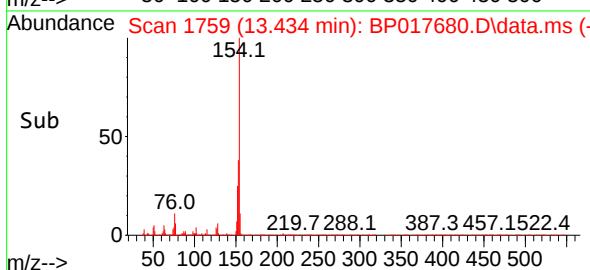
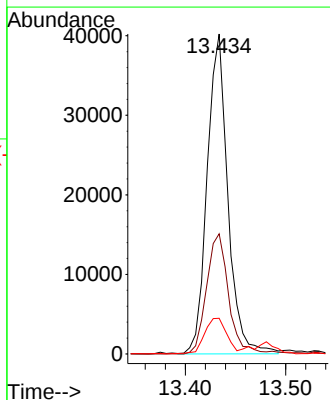
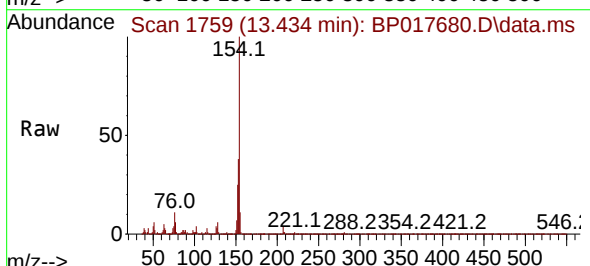
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

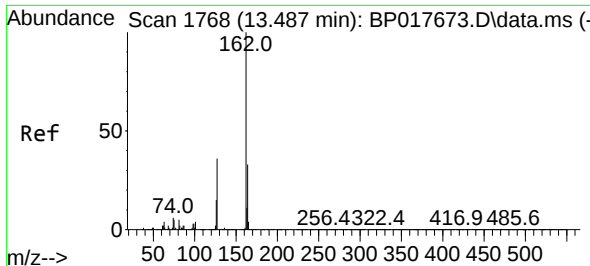
Supervised By :mohammad
ahmed
10/18/2023



#43
1,1'-Biphenyl
Concen: 4.792 ng/ul
RT: 13.434 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

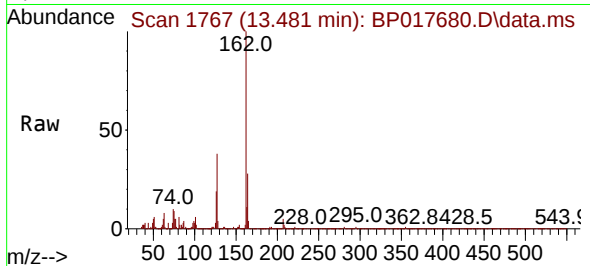
Tgt Ion:154 Resp: 57789
Ion Ratio Lower Upper
154 100
153 37.5 32.5 48.7
76 11.1 10.4 15.6





#44
2-Chloronaphthalene
Concen: 4.664 ng/ul
RT: 13.481 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

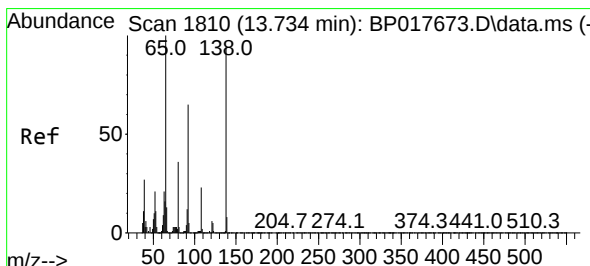
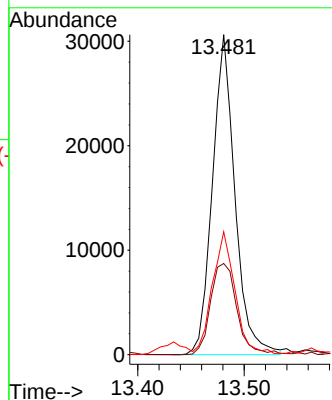
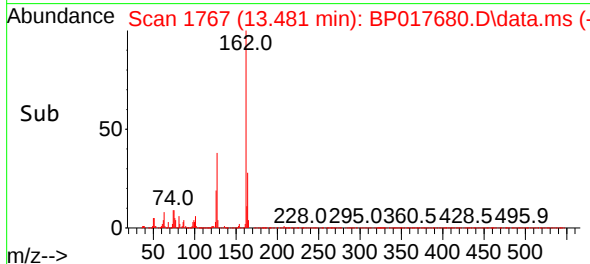


Tgt Ion:162 Resp: 4499
Ion Ratio Lower Upper
162 100
164 28.5 26.5 39.7
127 38.4 31.4 47.0

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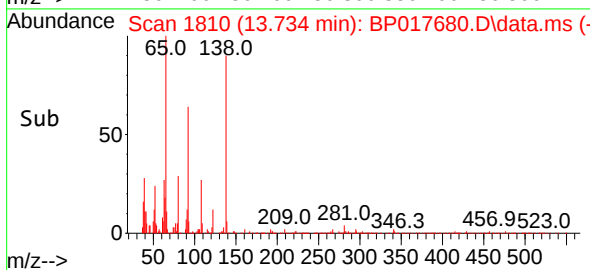
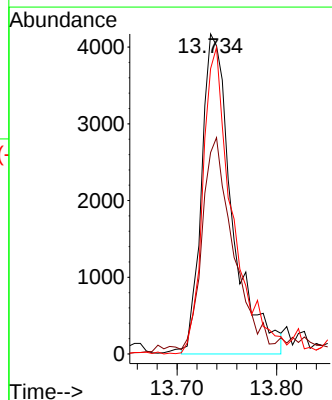
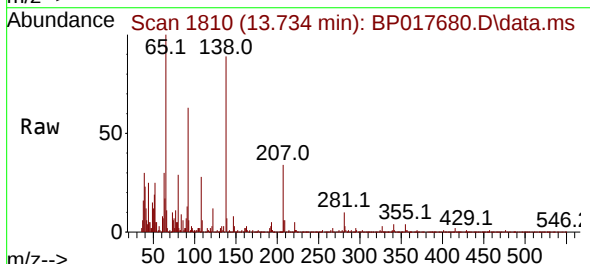
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

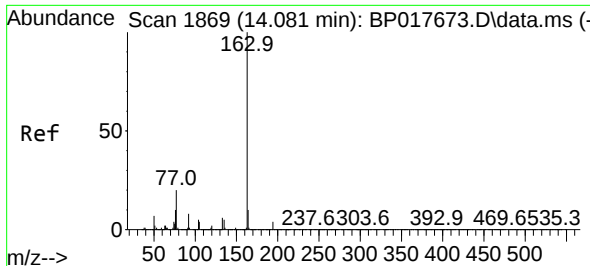
Supervised By :mohammad
ahmed
10/18/2023



#45
2-Nitroaniline
Concen: 3.365 ng/ul m
RT: 13.734 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

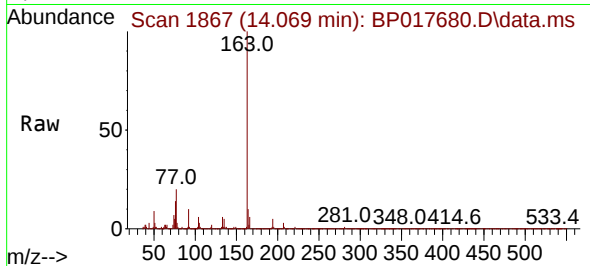
Tgt Ion: 65 Resp: 8974
Ion Ratio Lower Upper
65 100
92 63.0 55.3 82.9
138 89.2 82.8 124.2





#47
Dimethylphthalate
Concen: 4.512 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

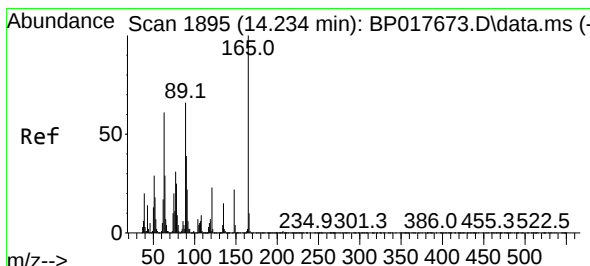
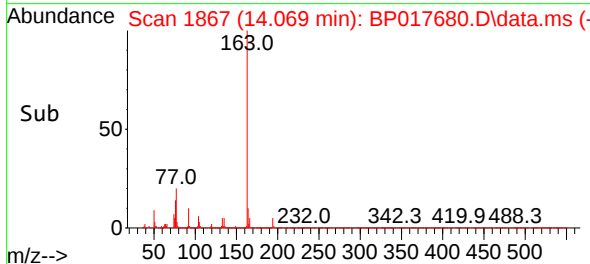
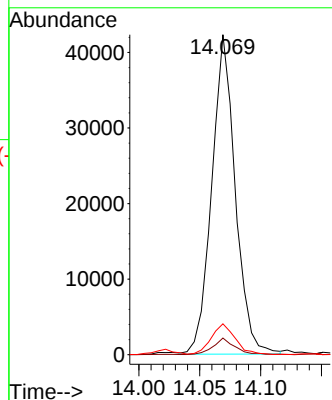


Tgt Ion:163 Resp: 5677
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 9.7 8.0 12.0#

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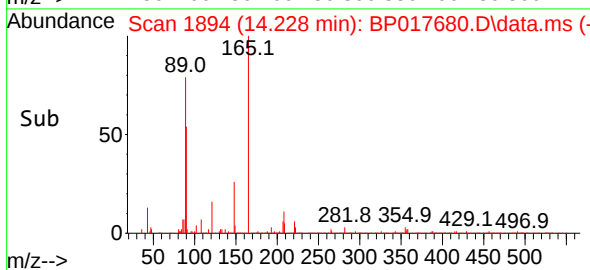
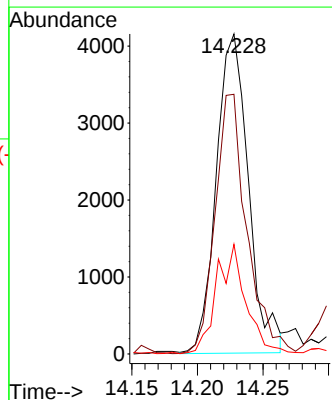
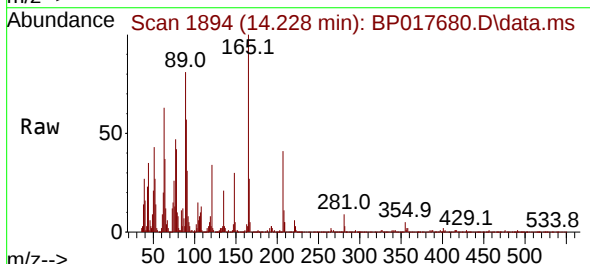
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

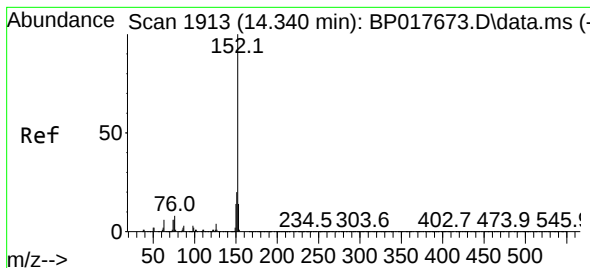
Supervised By :mohammad
ahmed
10/18/2023



#48
2,6-Dinitrotoluene
Concen: 3.038 ng/ul
RT: 14.228 min Scan# 1894
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

Tgt Ion:165 Resp: 7075
Ion Ratio Lower Upper
165 100
89 81.1 49.0 73.4#
121 34.2 16.5 24.7#





#50

Acenaphthylene

Concen: 4.513 ng/ul

RT: 14.334 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.8	23.8
153	12.6	10.5	15.7

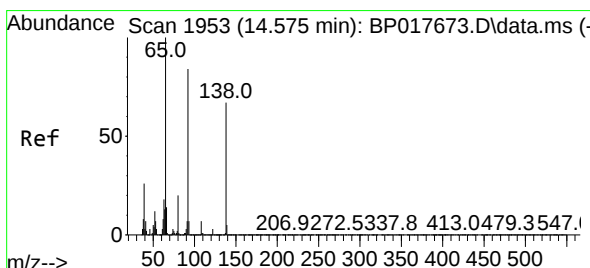
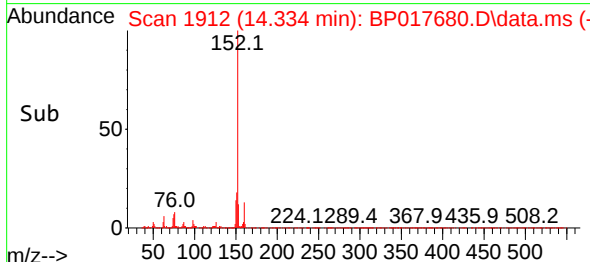
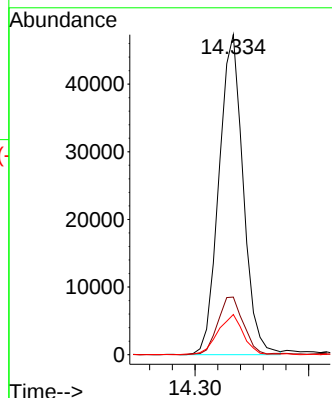
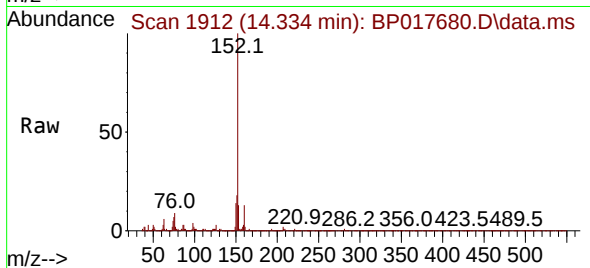
Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023

Supervised By :mohammad
ahmed
10/18/2023



#51

3-Nitroaniline

Concen: 2.813 ng/ul m

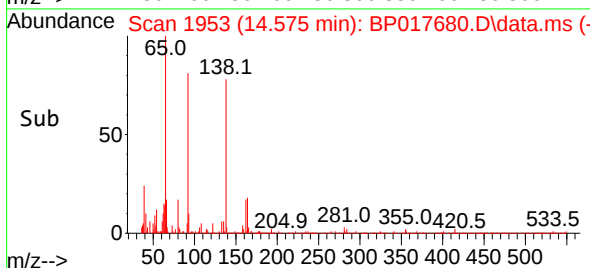
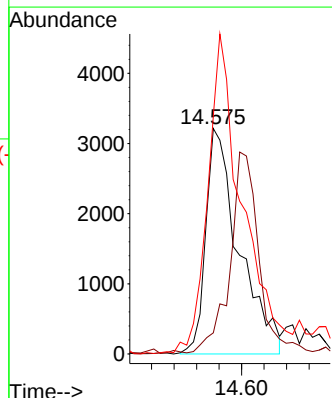
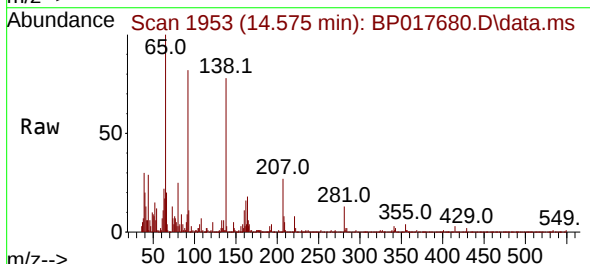
RT: 14.575 min Scan# 1953

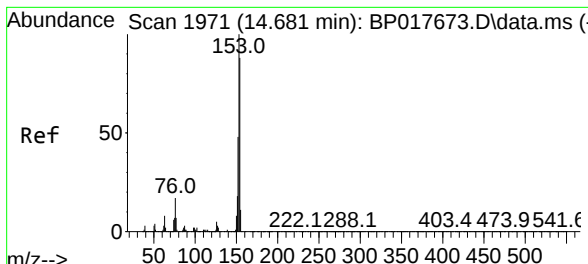
Delta R.T. 0.012 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.2	12.2
92	105.6	99.0	148.6





#52
 Acenaphthene
 Concen: 4.655 ng/ul
 RT: 14.669 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: BP017680.D
 Acq: 16 Oct 2023 13:57

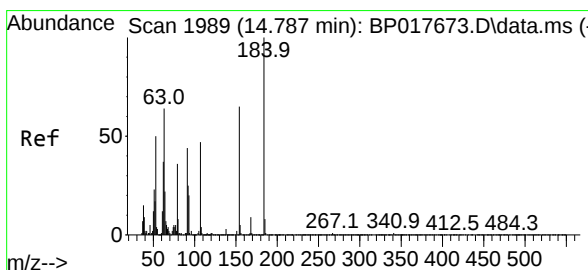
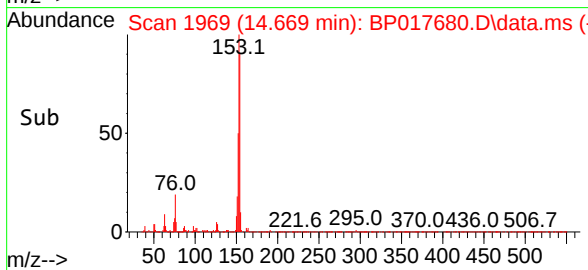
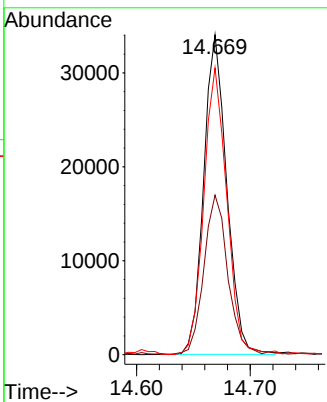
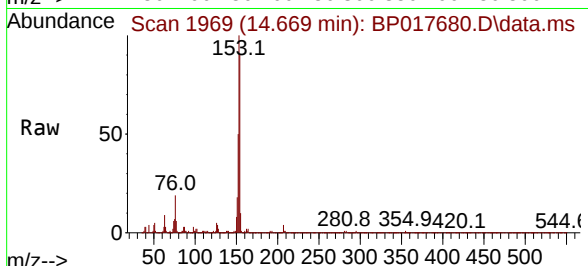
Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT3-2023-05

Tgt Ion:	153	Resp:	4806
Ion Ratio	Lower	Upper	
153	100		
152	49.8	38.9	58.3
154	89.7	71.6	107.4

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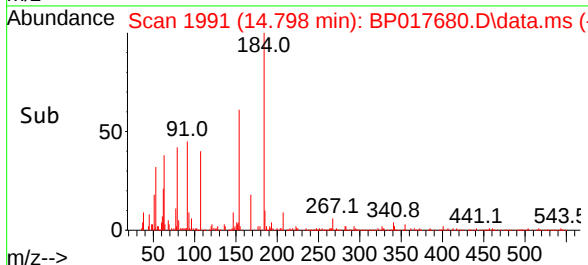
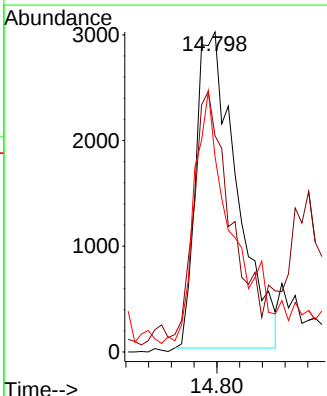
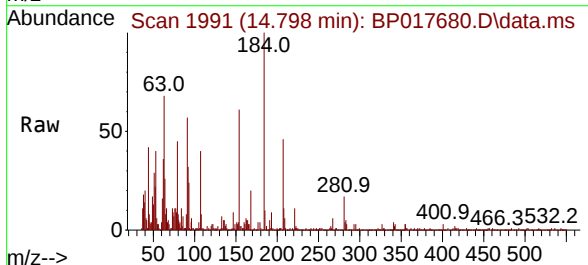
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

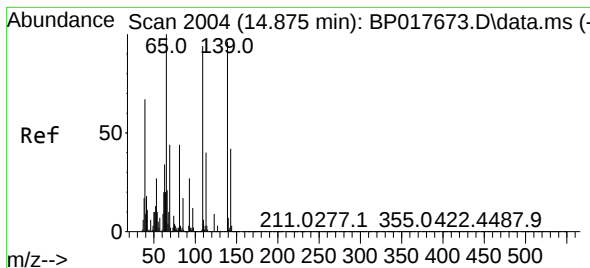
Supervised By :mohammad ahmed
 10/18/2023



#53
 2,4-Dinitrophenol
 Concen: 5.155 ng/ul
 RT: 14.798 min Scan# 1991
 Delta R.T. 0.024 min
 Lab File: BP017680.D
 Acq: 16 Oct 2023 13:57

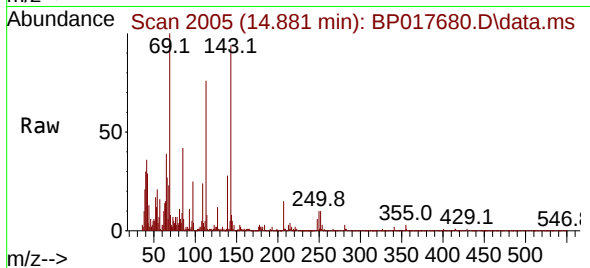
Tgt Ion:	184	Resp:	7414
Ion Ratio	Lower	Upper	
184	100		
63	67.5	61.4	92.0
154	61.0	54.8	82.2





#55
4-Nitrophenol
Concen: 3.616 ng/ul
RT: 14.881 min Scan# 2004
Delta R.T. 0.018 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

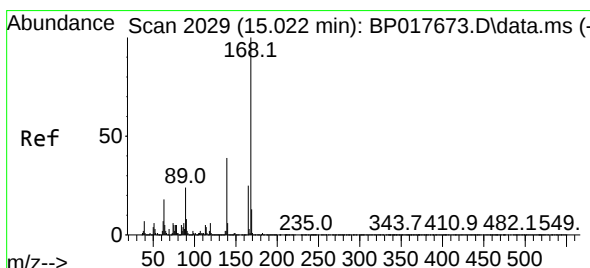
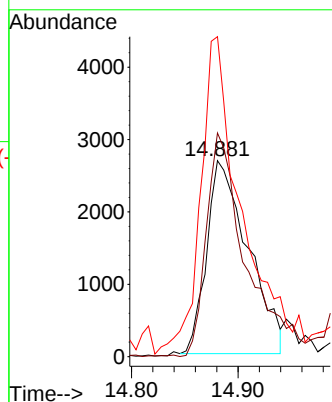
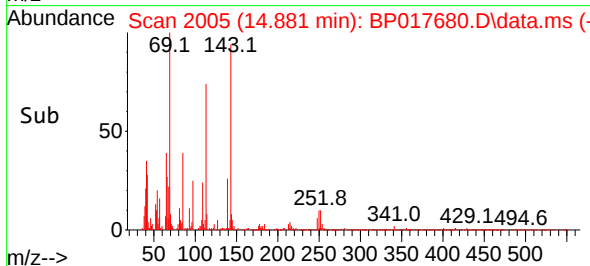


Tgt Ion:109 Resp: 722
Ion Ratio Lower Upper
109 100
139 114.1 90.5 135.7
65 163.2 95.7 143.5

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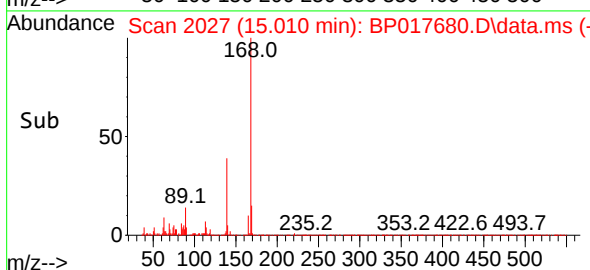
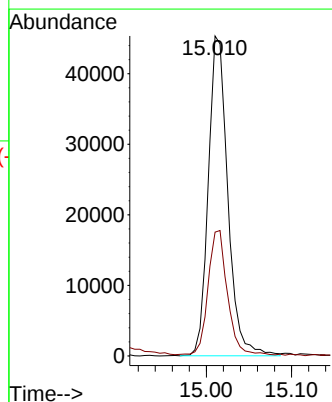
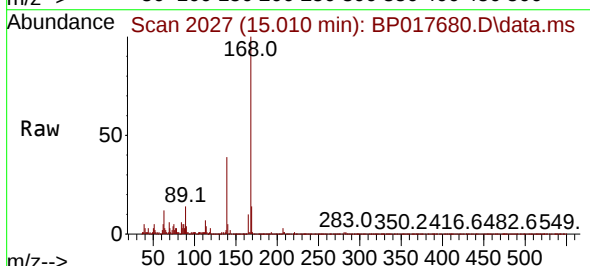
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

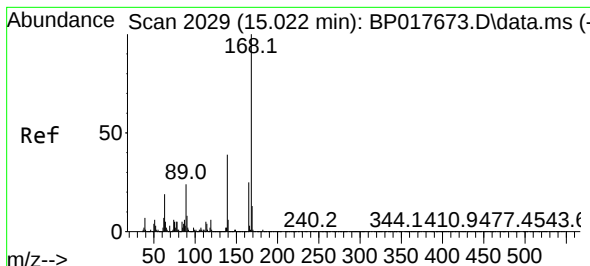
Supervised By :mohammad
ahmed
10/18/2023



#56
Dibenzofuran
Concen: 4.871 ng/ul
RT: 15.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

Tgt Ion:168 Resp: 72160
Ion Ratio Lower Upper
168 100
139 38.7 30.5 45.7





#57
2,4-Dinitrotoluene
Concen: 3.456 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.012 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

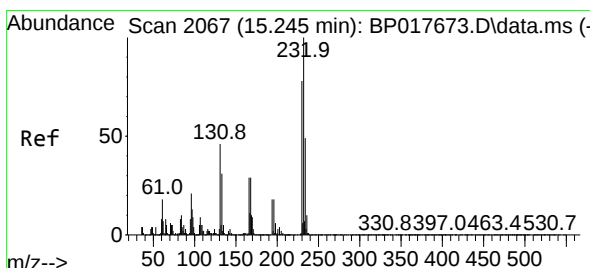
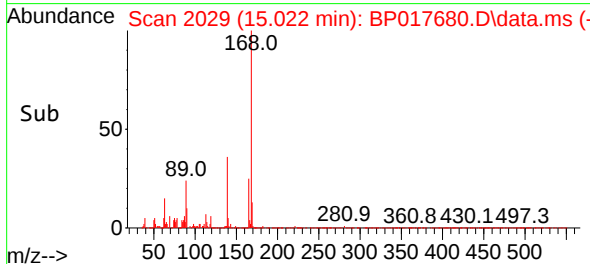
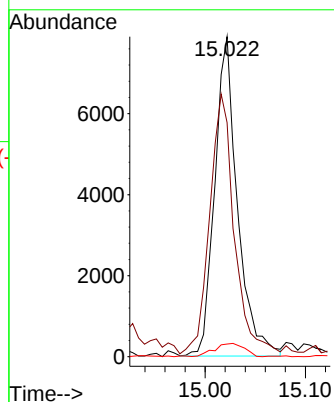
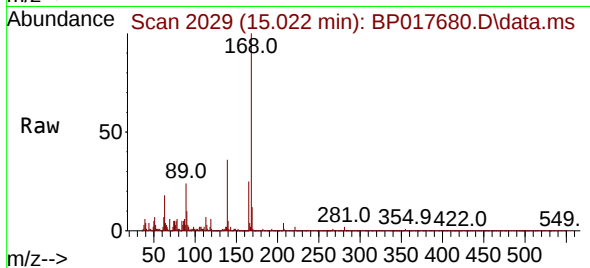
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion:165 Resp: 12424
Ion Ratio Lower Upper
165 100
63 73.1 52.7 79.1
182 3.9 2.2 3.4

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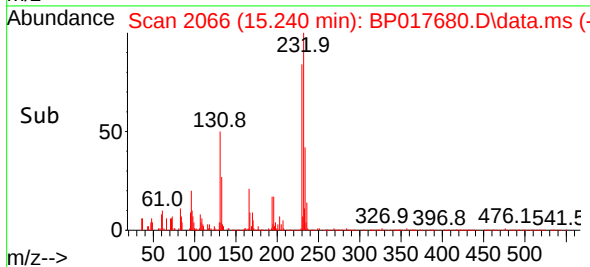
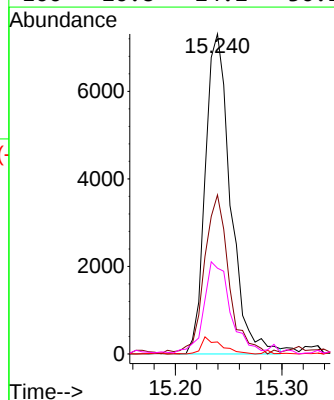
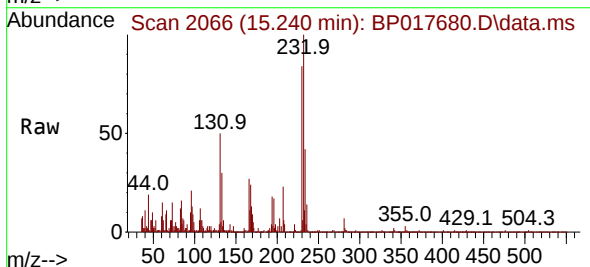
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

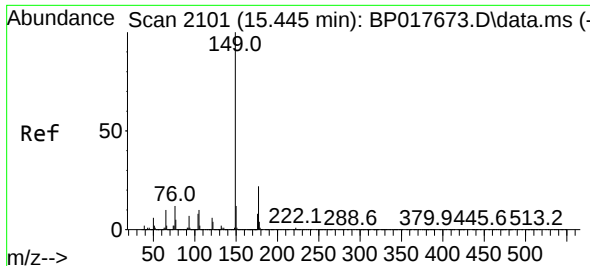
Supervised By :mohammad
ahmed
10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.744 ng/ul
RT: 15.240 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

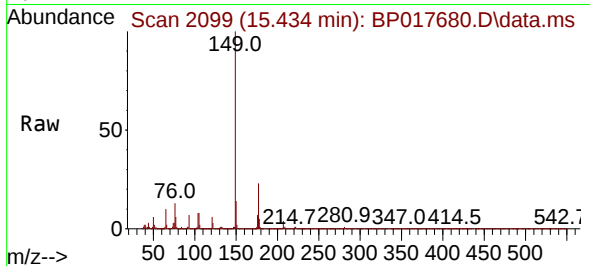
Tgt Ion:232 Resp: 12087
Ion Ratio Lower Upper
232 100
131 49.7 33.6 50.4
130 3.7 2.0 3.0#
166 26.8 24.2 36.2





#59
Diethylphthalate
Concen: 4.200 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

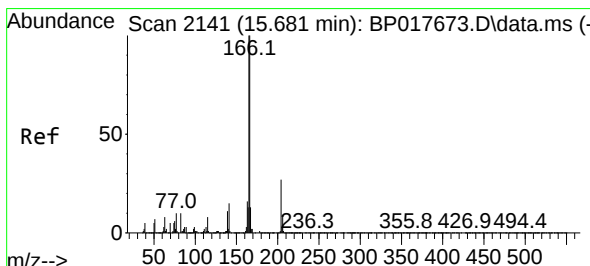
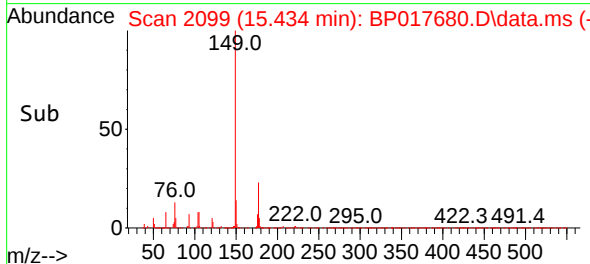
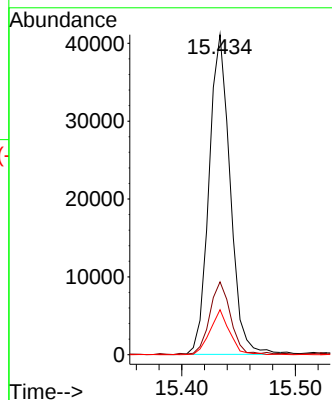


Tgt Ion:149 Resp: 53014
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 14.1 10.1 15.1

Manual Integrations
APPROVED

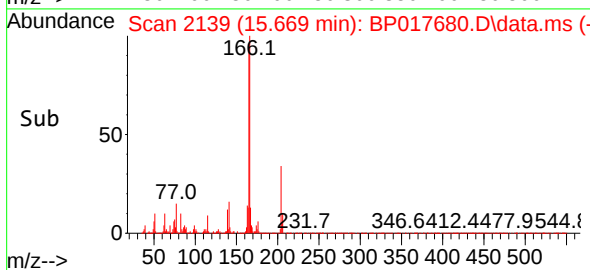
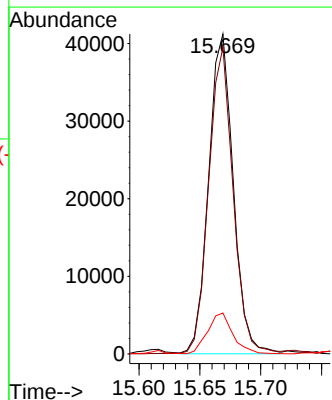
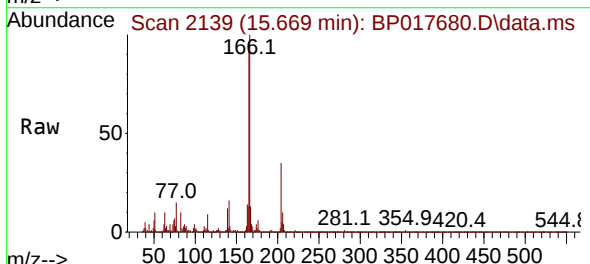
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

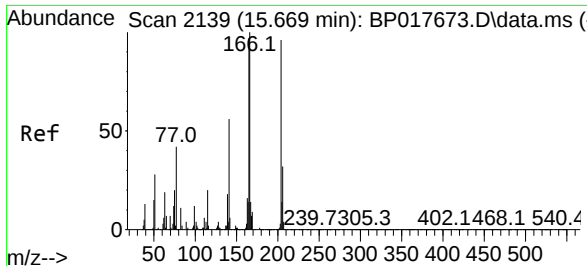
Supervised By :mohammad
ahmed
10/18/2023



#61
Fluorene
Concen: 4.752 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

Tgt Ion:166 Resp: 58038
Ion Ratio Lower Upper
166 100
165 95.8 79.6 119.4
167 12.8 11.1 16.7





#62
4-Chlorophenyl-phenylether
Concen: 4.435 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

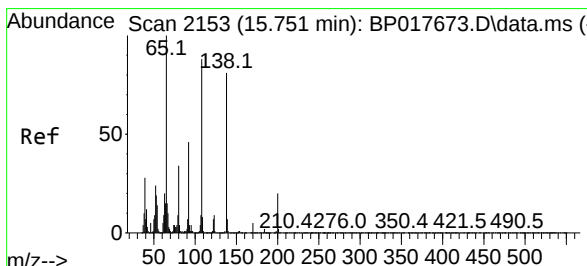
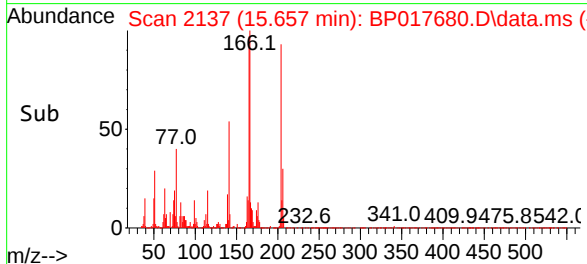
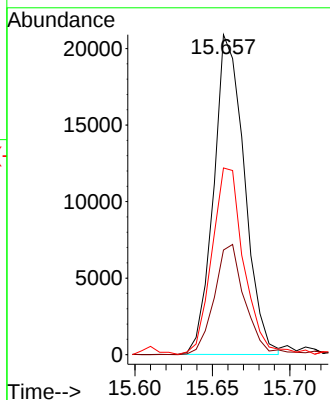
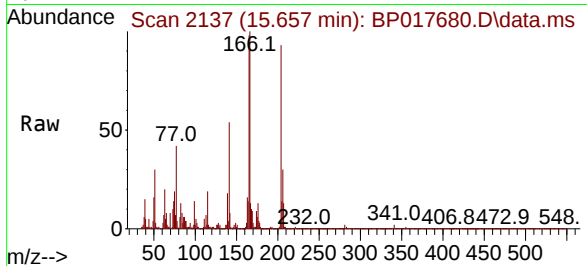
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2023-05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	40.0
141	58.3	43.9	65.9

Manual Integrations
APPROVED

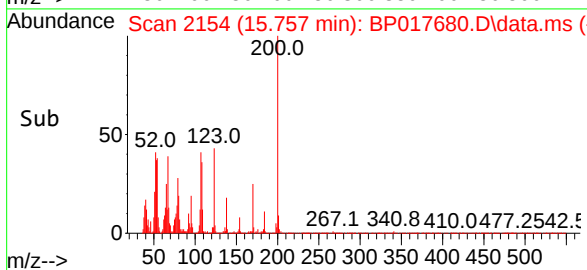
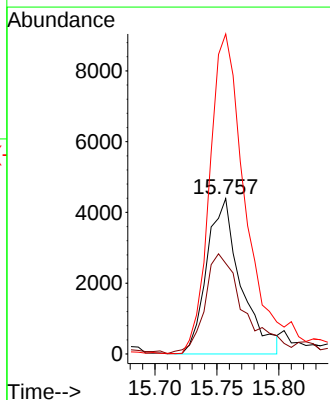
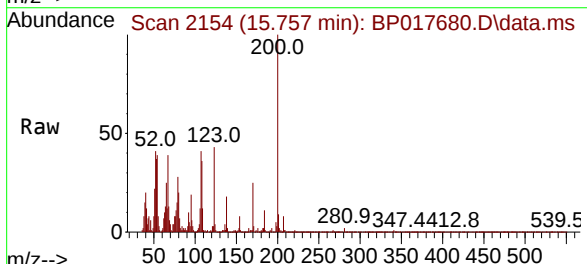
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

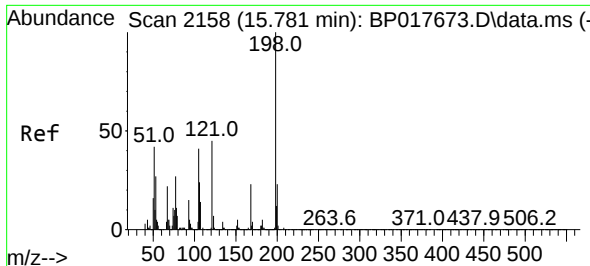
Supervised By :mohammad
ahmed
10/18/2023



#63
4-Nitroaniline
Concen: 3.600 ng/ul m
RT: 15.757 min Scan# 2154
Delta R.T. 0.018 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

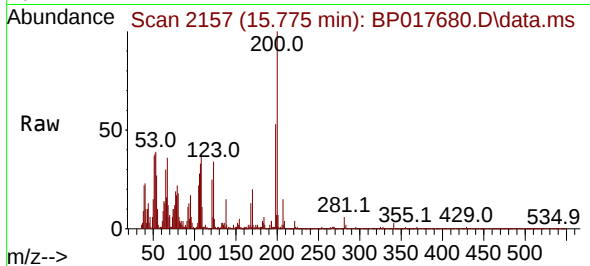
Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.3	43.0	64.6
108	206.0	82.2	123.4





#66
4,6-Dinitro-2-methylphenol
Concen: 3.357 ng/ul
RT: 15.775 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

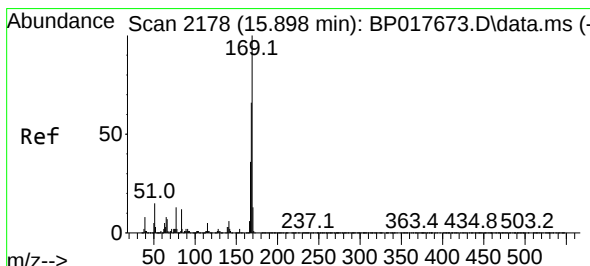
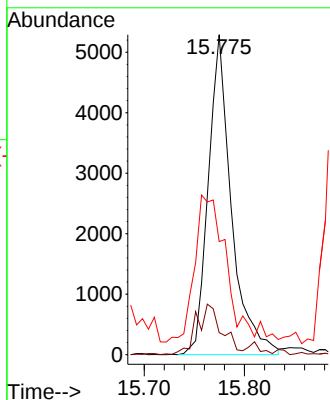
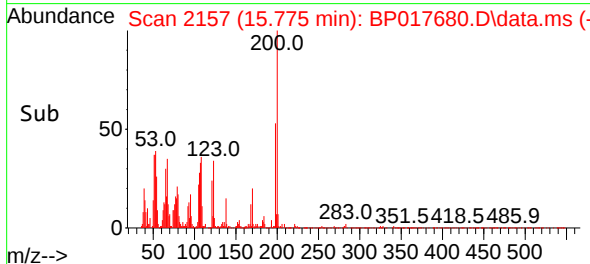


Tgt Ion:198 Resp: 846
Ion Ratio Lower Upper
198 100
182 6.9 3.4 5.0
77 35.3 23.0 34.6

Manual Integrations
APPROVED

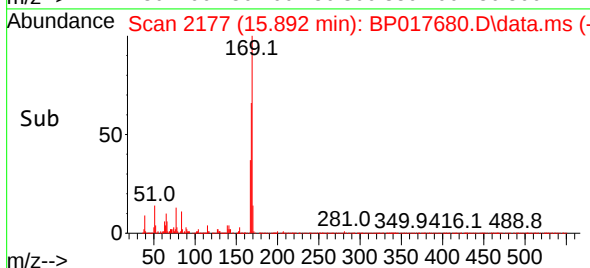
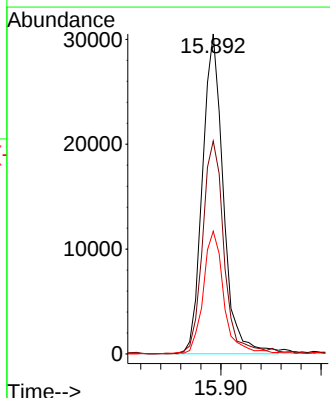
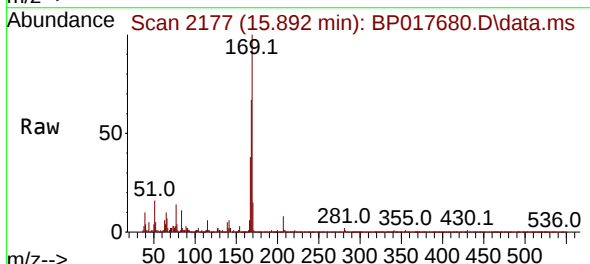
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

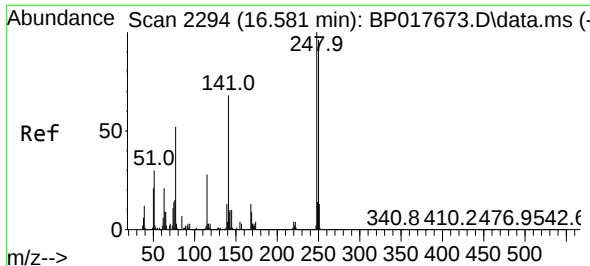
Supervised By :mohammad
ahmed
10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 4.352 ng/ul
RT: 15.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

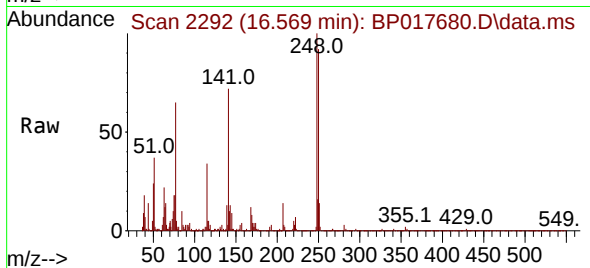
Tgt Ion:169 Resp: 44274
Ion Ratio Lower Upper
169 100
168 66.6 53.3 79.9
167 38.3 29.6 44.4





#68
4-Bromophenyl-phenylether
Concen: 4.297 ng/ul
RT: 16.569 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

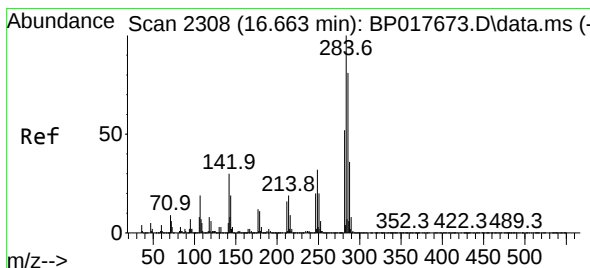
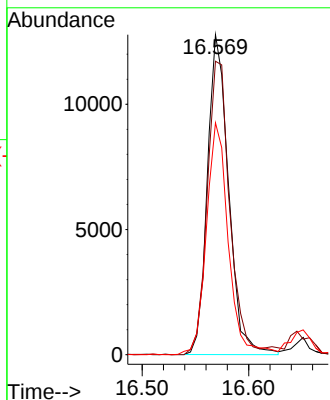
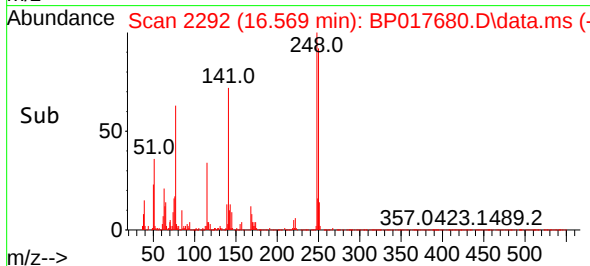


Tgt Ion: 248 Resp: 17640
Ion Ratio Lower Upper
248 100
250 91.7 75.9 113.9
141 72.4 57.2 85.8

Manual Integrations
APPROVED

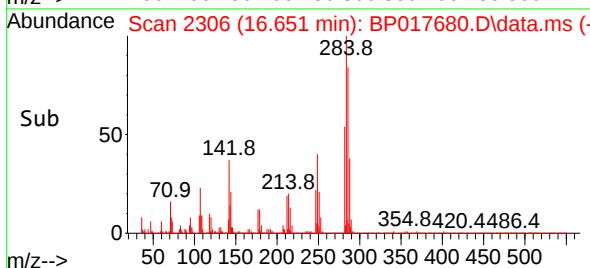
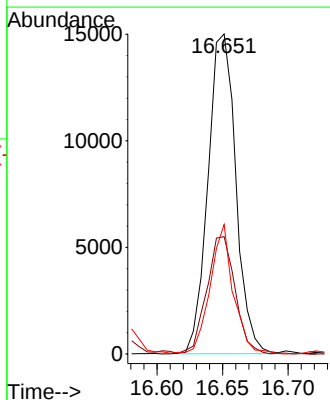
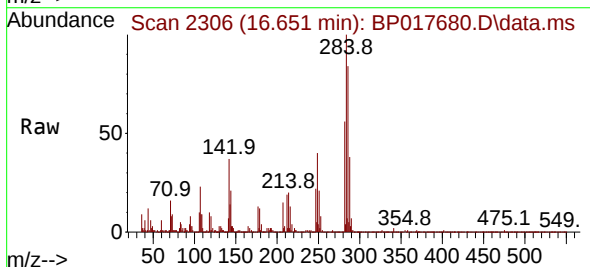
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

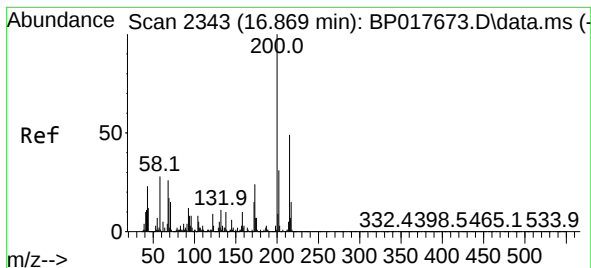
Supervised By :mohammad
ahmed
10/18/2023



#69
Hexachlorobenzene
Concen: 4.540 ng/ul
RT: 16.651 min Scan# 2306
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

Tgt Ion: 284 Resp: 22184
Ion Ratio Lower Upper
284 100
142 34.2 25.8 38.6
249 41.5 24.9 37.3





#70

Atrazine

Concen: 3.477 ng/ul

RT: 16.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:	200	Resp:	13689
Ion Ratio	Lower	Upper	
200	100		
173	27.9	19.9	29.9
215	53.4	37.8	56.6

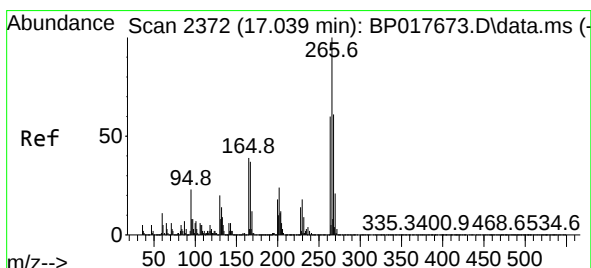
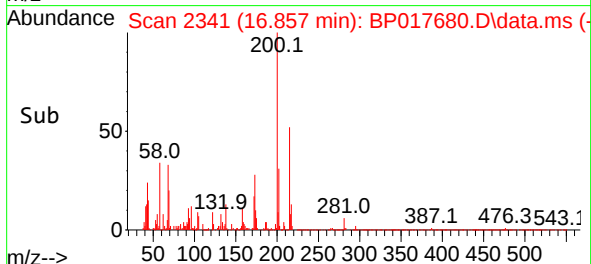
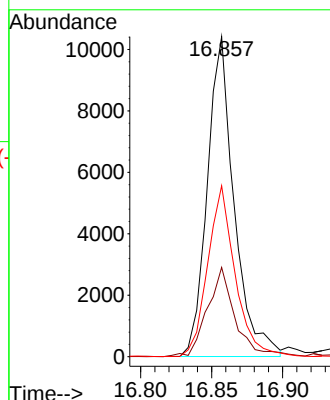
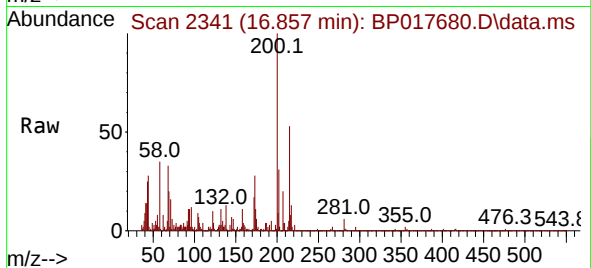
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023

Supervised By :mohammad
ahmed
10/18/2023



#71

Pentachlorophenol

Concen: 3.870 ng/ul

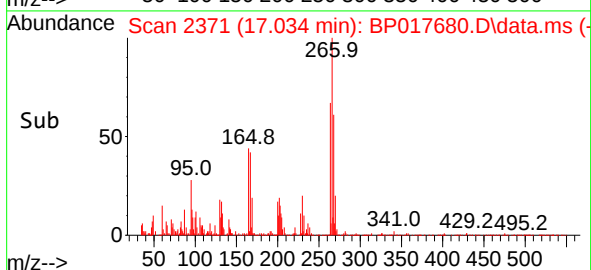
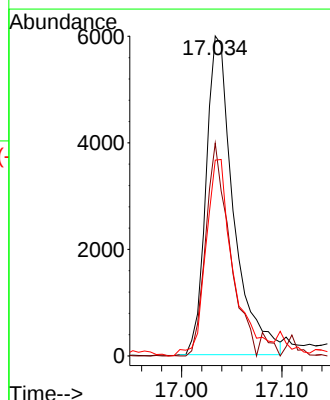
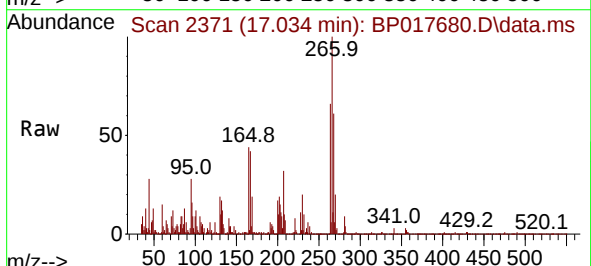
RT: 17.034 min Scan# 2371

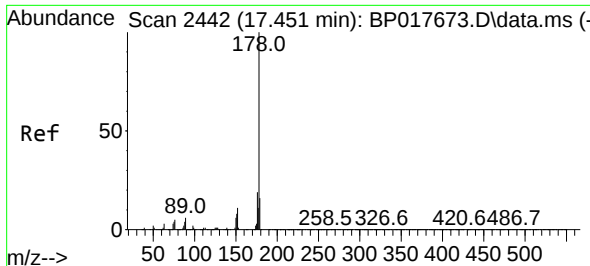
Delta R.T. 0.006 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Tgt Ion:	266	Resp:	11451
Ion Ratio	Lower	Upper	
266	100		
264	72.5	49.2	73.8
268	67.4	51.8	77.6





#72
Phenanthrene
Concen: 4.674 ng/ul
RT: 17.439 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

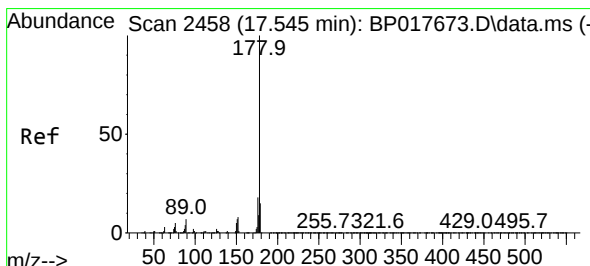
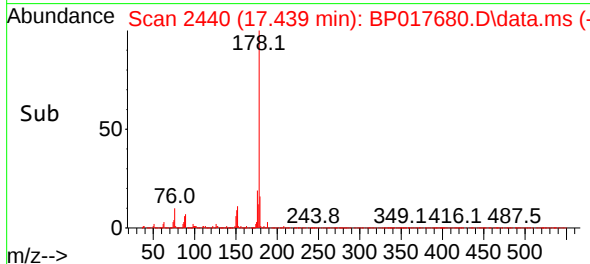
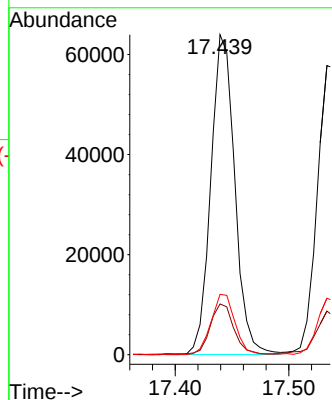
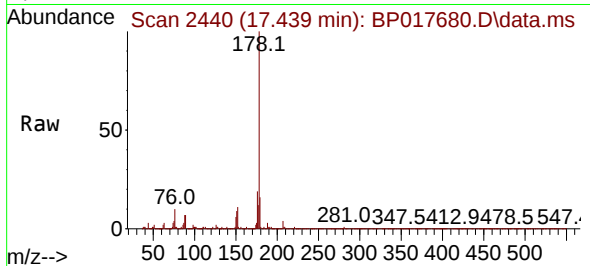
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2023-05

Tgt Ion:178 Resp: 93624
Ion Ratio Lower Upper
178 100
179 15.9 12.1 18.1
176 18.8 15.3 22.9

Manual Integrations
APPROVED

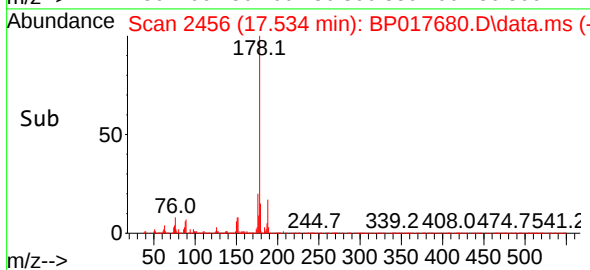
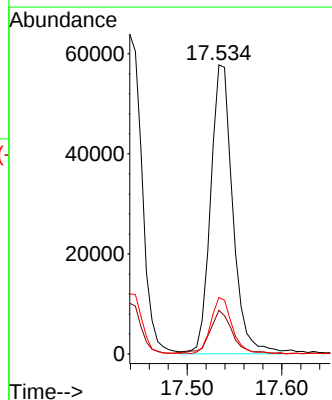
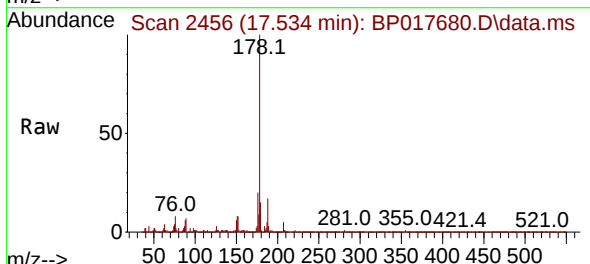
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

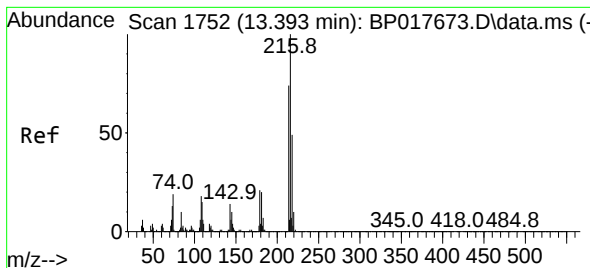
Supervised By :mohammad
ahmed
10/18/2023



#74
Anthracene
Concen: 4.636 ng/ul
RT: 17.534 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

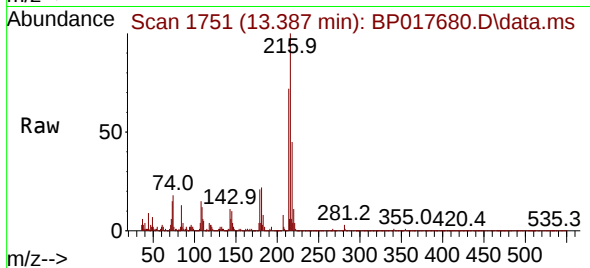
Tgt Ion:178 Resp: 93935
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.5 14.6 22.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.789 ng/uL
RT: 13.387 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

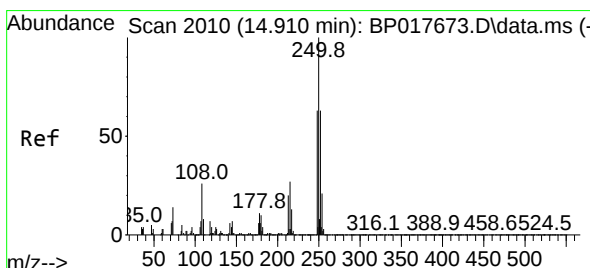
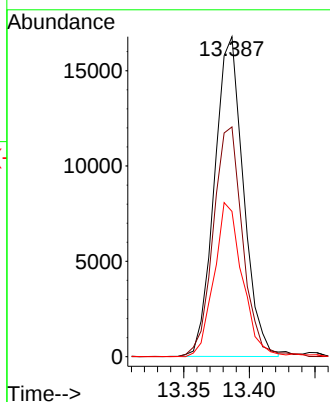
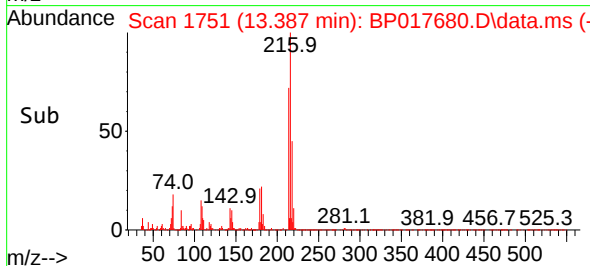


Tgt Ion:216 Resp: 25730
Ion Ratio Lower Upper
216 100
214 71.8 62.9 94.3
218 45.4 38.6 58.0

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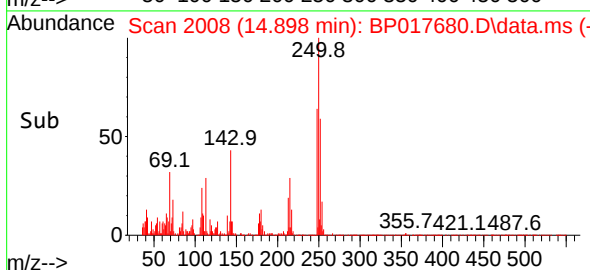
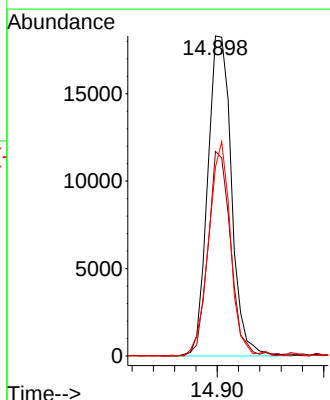
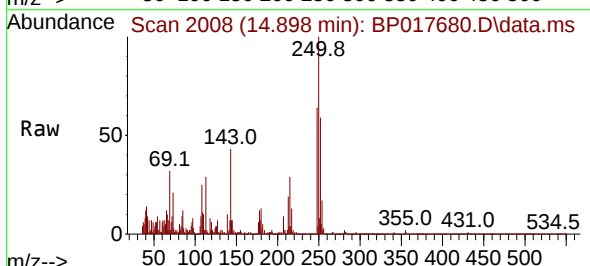
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

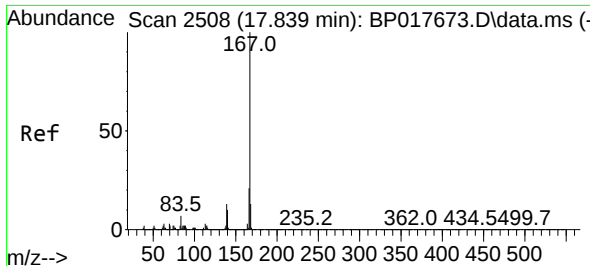
Supervised By :mohammad
ahmed
10/18/2023



#76
Pentachlorobenzene
Concen: 5.140 ng/uL
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

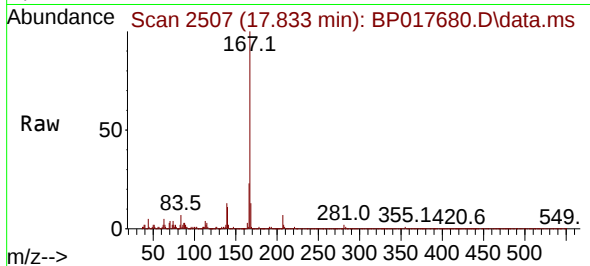
Tgt Ion:250 Resp: 28340
Ion Ratio Lower Upper
250 100
248 64.0 50.8 76.2
252 59.0 49.9 74.9





#77
 Carbazole
 Concen: 3.779 ng/ul
 RT: 17.833 min Scan# 2508
 Delta R.T. 0.006 min
 Lab File: BP017680.D
 Acq: 16 Oct 2023 13:57

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

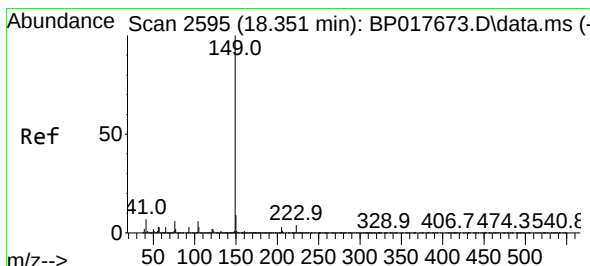
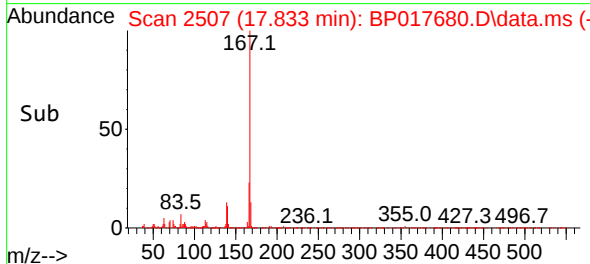
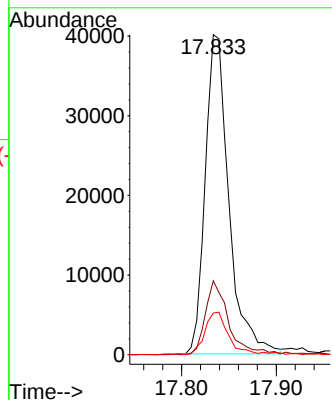


Tgt Ion:167 Resp: 6934
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.0 25.6
 139 13.0 10.2 15.2

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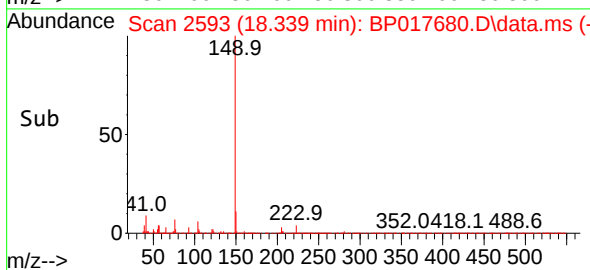
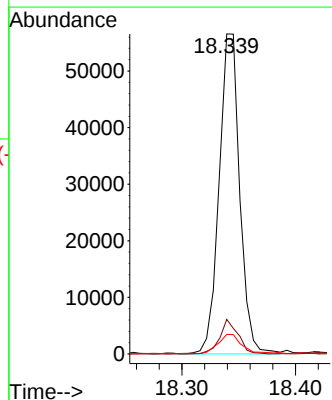
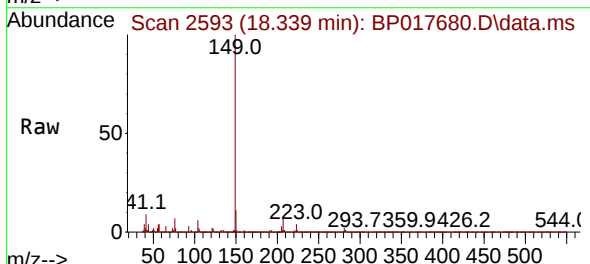
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

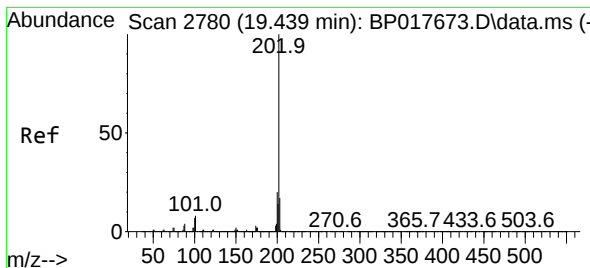
Supervised By :mohammad
 ahmed
 10/18/2023



#78
 Di-n-butylphthalate
 Concen: 3.161 ng/ul
 RT: 18.339 min Scan# 2593
 Delta R.T. 0.000 min
 Lab File: BP017680.D
 Acq: 16 Oct 2023 13:57

Tgt Ion:149 Resp: 71430
 Ion Ratio Lower Upper
 149 100
 150 10.8 7.4 11.0
 104 6.1 4.6 6.8





#80

Fluoranthene

Concen: 4.135 ng/ul

RT: 19.428 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:202 Resp: 10810
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.0 10.6
 100 7.3 5.8 8.6

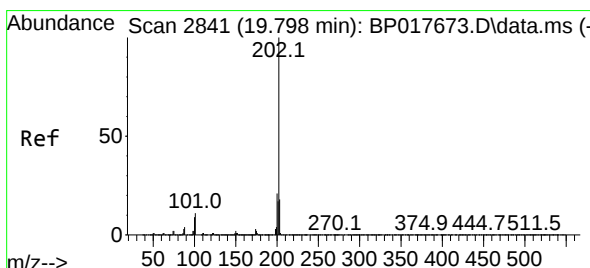
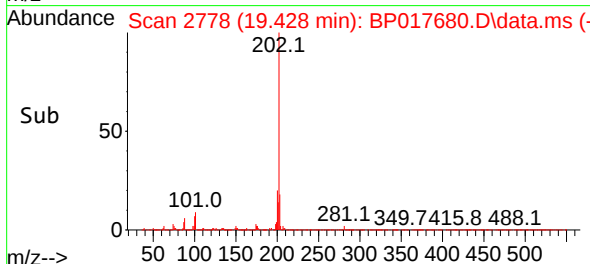
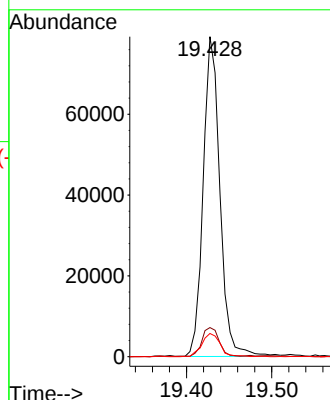
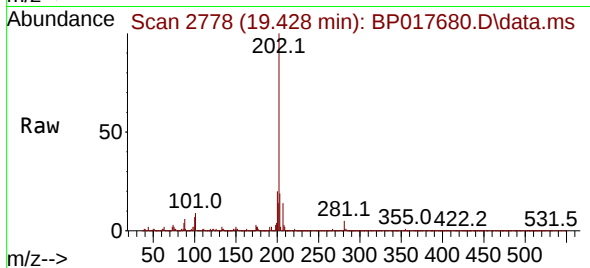
Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023

Supervised By :mohammad
 ahmed
 10/18/2023



#82

Pyrene

Concen: 4.543 ng/ul

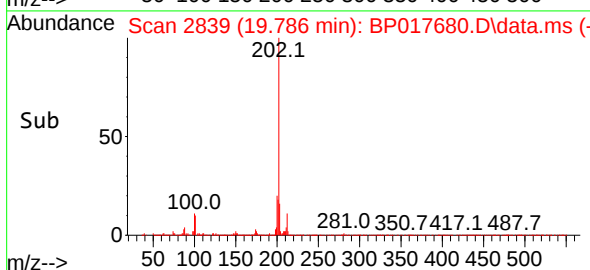
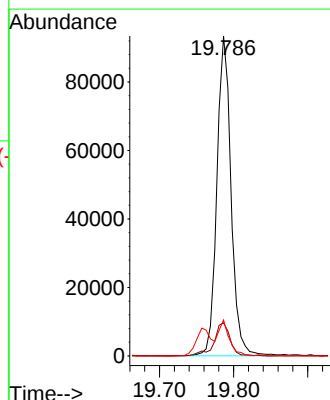
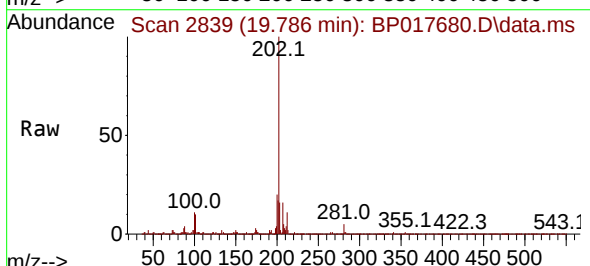
RT: 19.786 min Scan# 2839

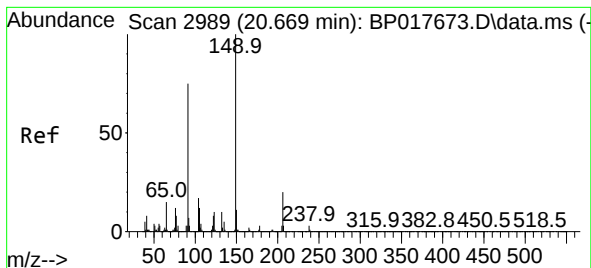
Delta R.T. -0.000 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Tgt Ion:202 Resp: 124057
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.8 13.2
 100 11.3 7.4 11.0#





#83

Butylbenzylphthalate

Concen: 2.733 ng/ul

RT: 20.657 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:	149	Resp:	29039
Ion Ratio	Lower	Upper	
149	100		
91	80.8	59.6	89.4
206	19.7	17.2	25.8

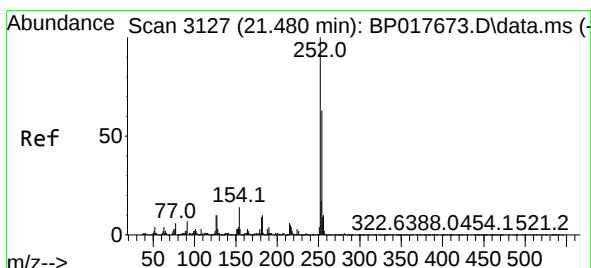
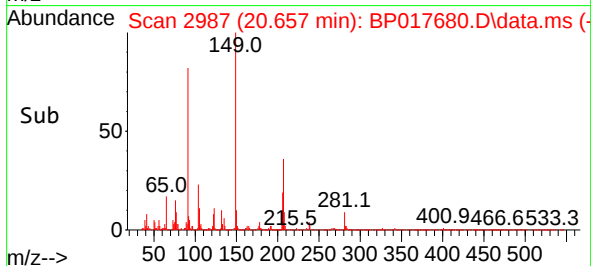
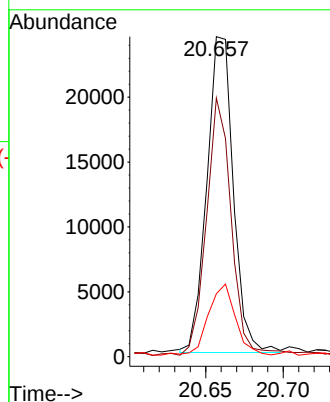
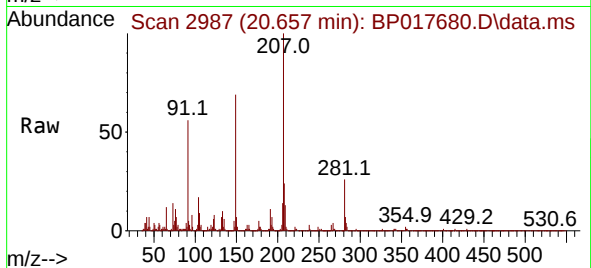
Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023

Supervised By :mohammad
ahmed
10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.436 ng/ul

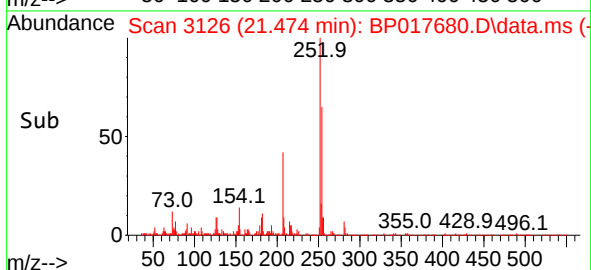
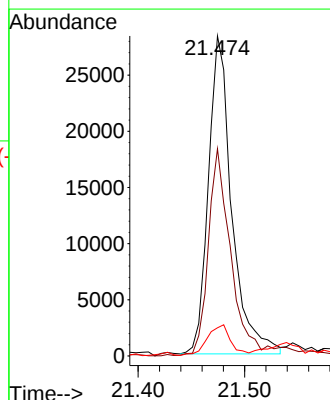
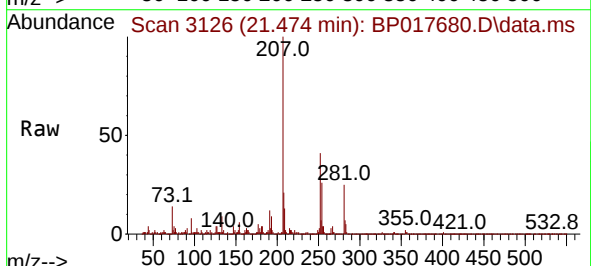
RT: 21.474 min Scan# 3126

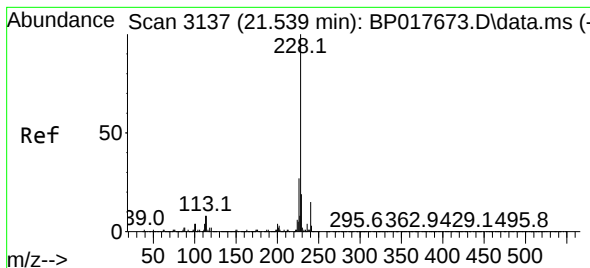
Delta R.T. 0.006 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Tgt Ion:	252	Resp:	43181
Ion Ratio	Lower	Upper	
252	100		
254	64.7	51.8	77.6
126	8.8	8.1	12.1





#85

Benzo(a)anthracene

Concen: 4.221 ng/ul

RT: 21.527 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2023-05

Tgt Ion:	228	Resp:	12299
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.4	23.2
226	27.1	21.4	32.0

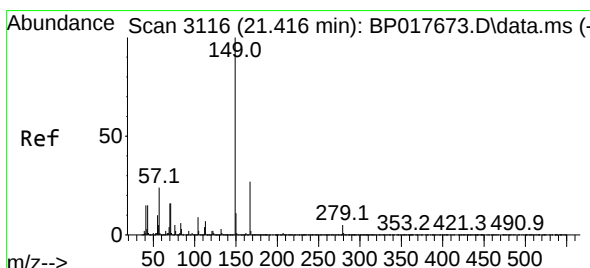
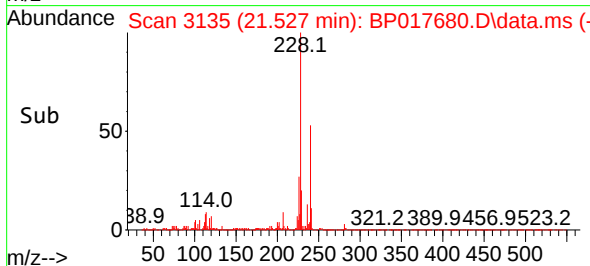
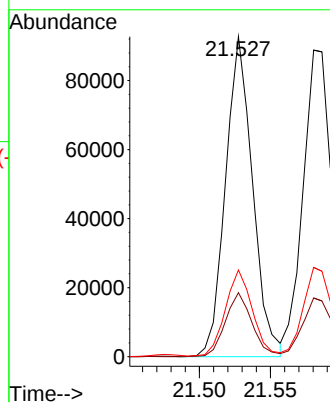
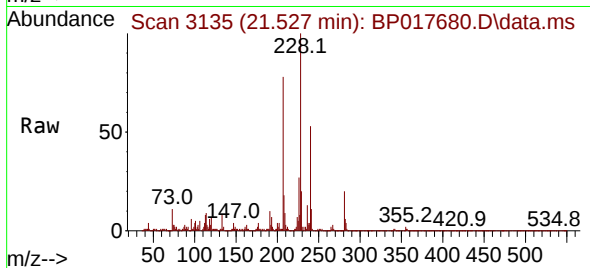
Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023

Supervised By :mohammad
ahmed
10/18/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.432 ng/ul

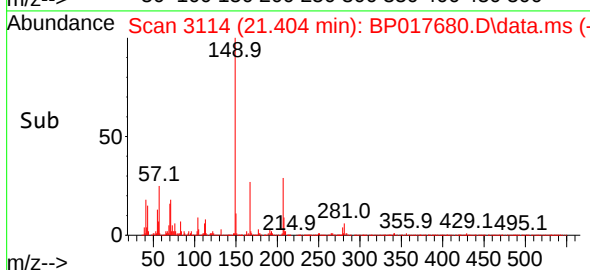
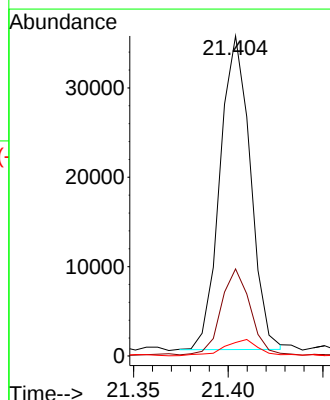
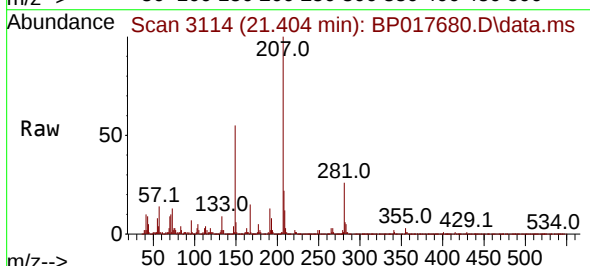
RT: 21.404 min Scan# 3114

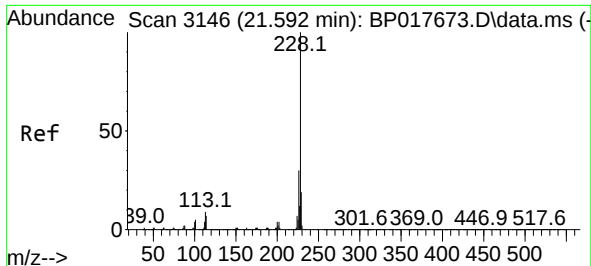
Delta R.T. 0.000 min

Lab File: BP017680.D

Acq: 16 Oct 2023 13:57

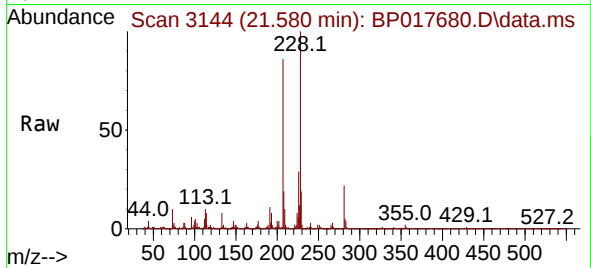
Tgt Ion:	149	Resp:	39070
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.7	32.5
279	4.2	3.7	5.5





#87
Chrysene
Concen: 4.757 ng/ul
RT: 21.580 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

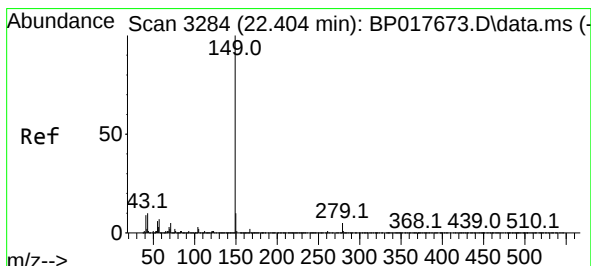
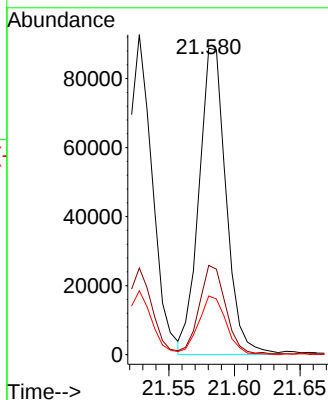
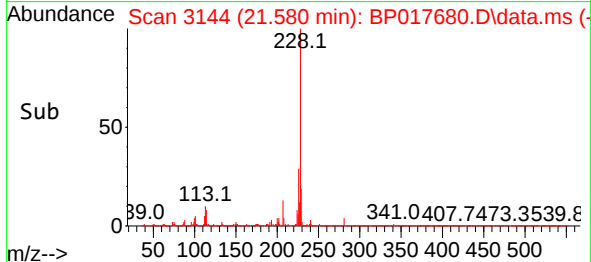


Tgt Ion:228 Resp: 12793
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.4
229 19.1 16.1 24.1

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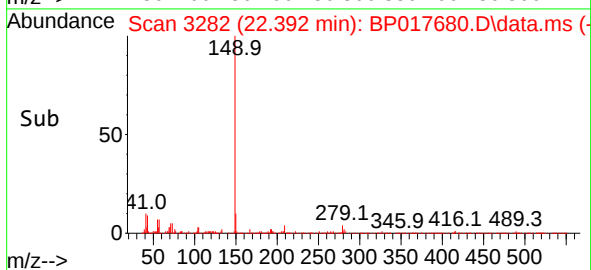
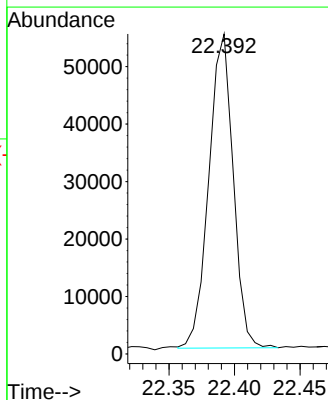
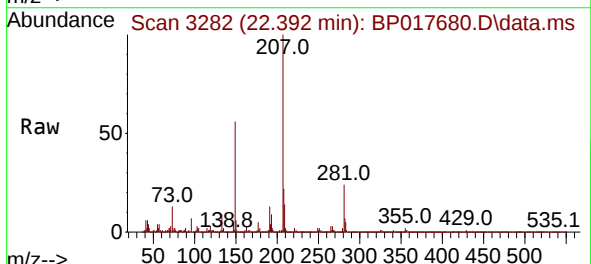
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

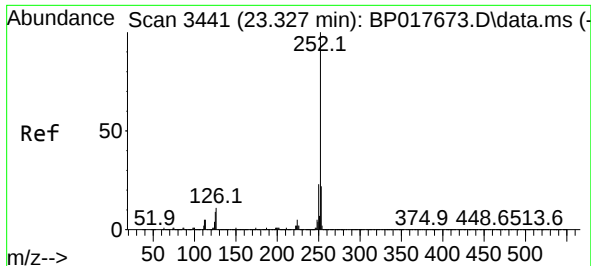
Supervised By :mohammad
ahmed
10/18/2023



#89
Di-n-octyl phthalate
Concen: 2.473 ng/ul
RT: 22.392 min Scan# 3282
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

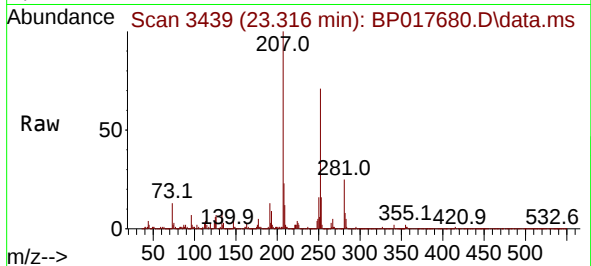
Tgt Ion:149 Resp: 70677





#90
Benzo(b)fluoranthene
Concen: 4.394 ng/ul
RT: 23.316 min Scan# 3441
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

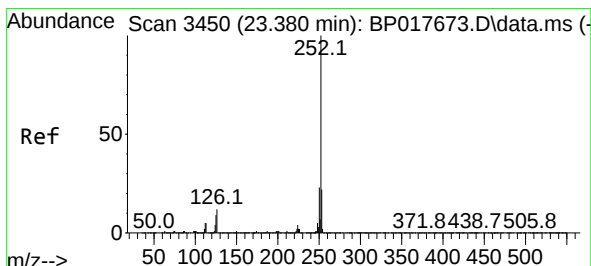
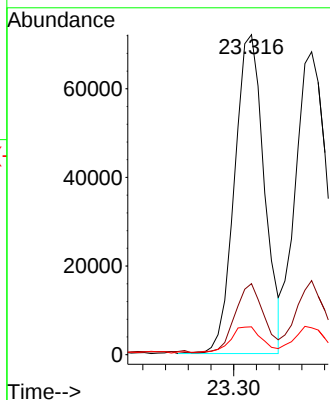
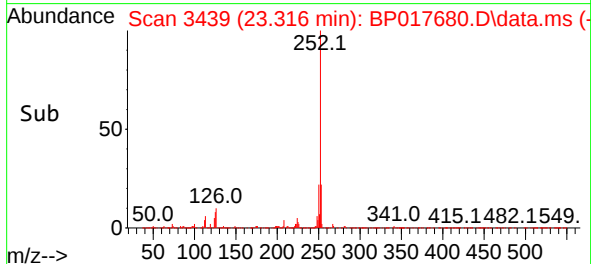


Tgt Ion:252 Resp: 130958
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 8.7 6.9 10.3

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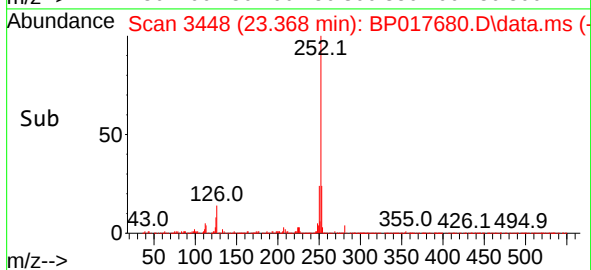
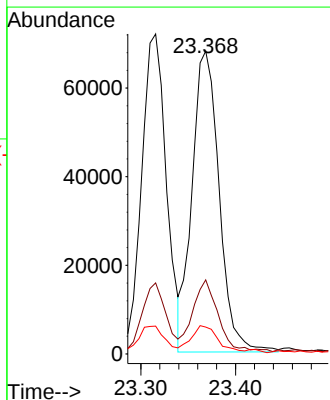
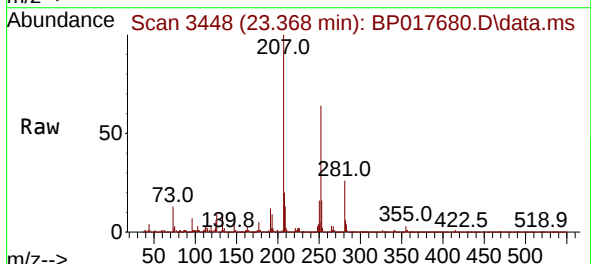
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

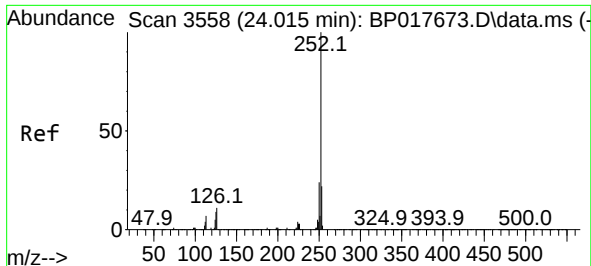
Supervised By :mohammad
ahmed
10/18/2023



#91
Benzo(k)fluoranthene
Concen: 4.552 ng/ul
RT: 23.368 min Scan# 3448
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

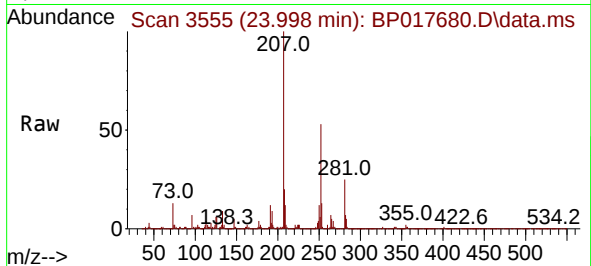
Tgt Ion:252 Resp: 134967
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 8.9 6.3 9.5





#93
Benzo(a)pyrene
Concen: 4.441 ng/ul
RT: 23.998 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

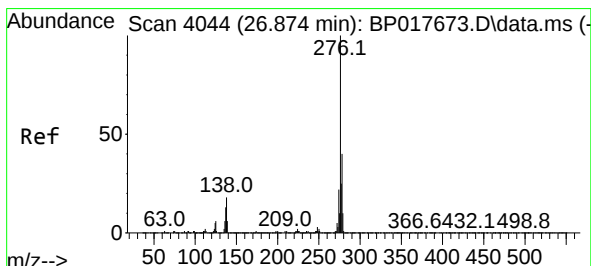
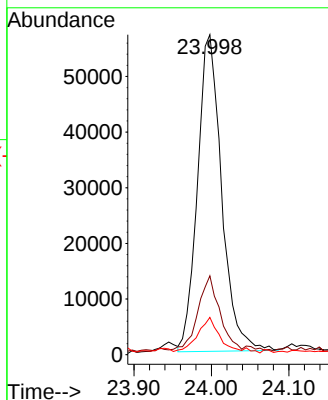
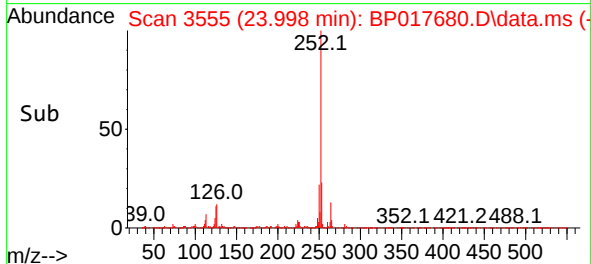


Tgt Ion:252 Resp: 12324
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 11.6 7.3 10.9

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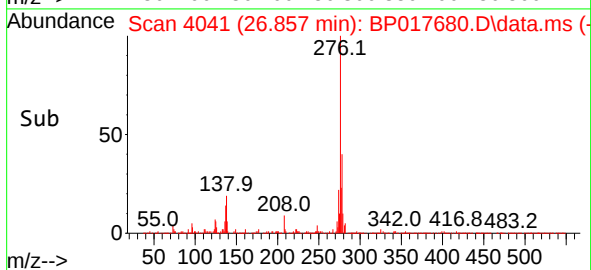
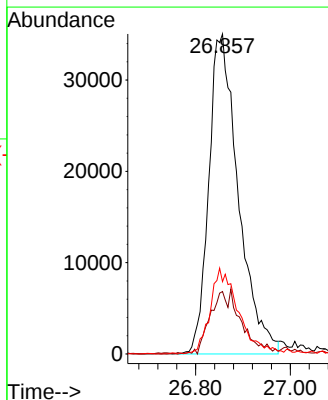
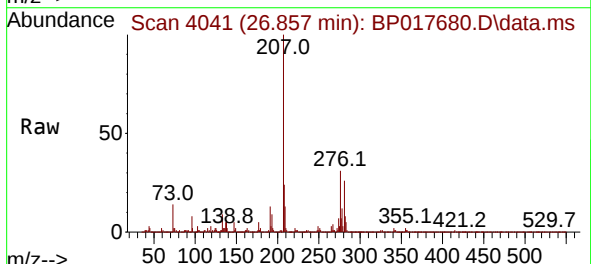
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

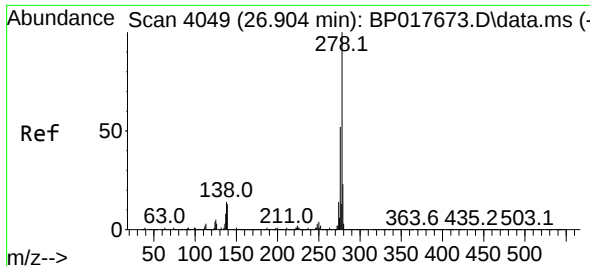
Supervised By :mohammad
ahmed
10/18/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.463 ng/ul
RT: 26.857 min Scan# 4041
Delta R.T. 0.018 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

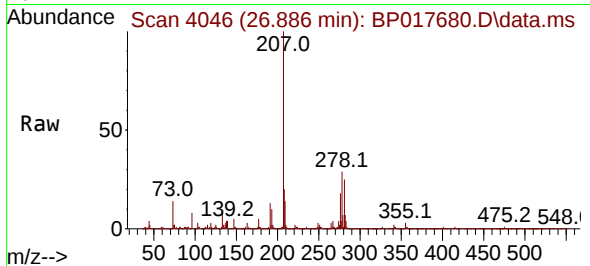
Tgt Ion:276 Resp: 151889
Ion Ratio Lower Upper
276 100
138 19.5 14.6 21.8
277 22.6 19.3 28.9





#95
Dibenzo(a,h)anthracene
Concen: 4.560 ng/ul
RT: 26.886 min Scan# 4049
Delta R.T. 0.018 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

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

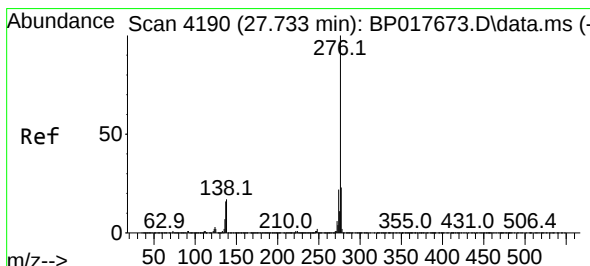
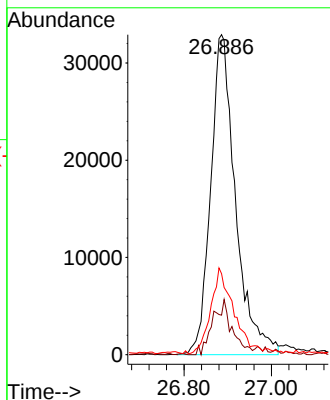
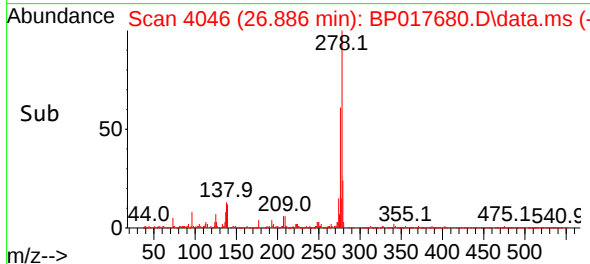


Tgt Ion:278 Resp: 130050
Ion Ratio Lower Upper
278 100
139 12.4 10.8 16.2
279 25.3 19.8 29.8

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

Supervised By :mohammad
ahmed
10/18/2023



#96
Benzo(g,h,i)perylene
Concen: 4.740 ng/ul
RT: 27.704 min Scan# 4185
Delta R.T. 0.006 min
Lab File: BP017680.D
Acq: 16 Oct 2023 13:57

Tgt Ion:276 Resp: 128273
Ion Ratio Lower Upper
276 100
138 16.4 14.1 21.1
277 25.1 18.7 28.1

